

ELECTRA

industrial signaling since 1974



#morethanbrightideas

SIRENA



ELECTRA

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ELECTRA

TRADITION & INNOVATION



Sirena has been designing, developing and producing top quality audible and visual signaling devices for the past 40 years.

Tradition, passion and innovation are the fundamental values of our long history that allows us to continue to do what we do best; set signaling standards.

We are proud to be the leader in the market. We now have over 200 customers in 70 countries worldwide and work with important prestigious brands in the electro-technical sector.

We are ready to accept the challenges that the future will bring with the same values that have brought us where we are today.

The constant research and development of new products allows us to supply updated solutions in terms of quality, performance and economic efficiency. All this, thanks to our R&D centre, allows us to develop in-house ranges of products that satisfy all demands that make Sirena synonymous of reliable signaling worldwide.

The **ELECTRA** range of audible and visual devices are intended mainly for the industrial world assuring safe and efficient production processes in working areas (audible and visual signaling in industrial installations and public areas, signaling on machines, electric panels etc).

100% made in Italy, major investments in research and development and continual innovation, are only some of the factors that are proof of our belief in what we do: today as yesterday, today as tomorrow...

Sirena...the all-time Leader...

ELECTRA by *Sirena*

**The most complete portfolio
on the market since 1974,
a benchmark in industrial signaling.**



ELECTRA

NEW PRODUCTS

MAXIFLASH LED

Sirena's traditional flashing light beacon has been improved with the use of new technology. Today, two LED multifunction solutions are available: FLR with 3 light effects (steady, flashing and rotating) and SLR with 3 flashing effects (strobe, flashing and random)

Page 64



P40

A complete range of panel mount buzzers/lights. Options available: buzzer (intermittent/continuous sound); buzzer/light (intermittent/continuous sound) + steady and flashing light; mini beacon with 3 light functions (steady, flashing, strobe effect); mini multicolor beacon (red, amber, green)

6 Pages 78, 79, 85 and 86

ROTOSPHERE

New halogen bulb rotating beacon with innovative shape and low power consumption. Particularly suitable in light industries and public environments.

Page 52



FWL

New rectangular shape device for electric panel directional signaling or on machines: steady light or strobe effects.

Page 87

ROTALLARM S LED

Sirena's traditional rotating beacon has been improved with the use of new technology. It is now fitted with a multifunction vertical LED group allowing steady, rotating and flashing light effects. Available in Heavy Duty (HD) version with aluminium base and waterproof base version (WP).

Pages 53, 54 and 55



FAROLAMP LED

Our bi-directional beacon has been renewed. Today, it is fitted with a new LED group with a powerful light output. 3 light effects available, flashing, strobe and random.

Page 69



MICROLAMP

The shape of our most popular traditional beacon for installation on machines has been updated. New base (acoustic version also available) with M16 cable gland and new innovative dome with improved light diffusion. Tradition and innovation combined in one product.

Page 40

ELECTRO-MECHANICAL SIRENS

Electro-mechanical Sirens are part of Sirena's historical range, designed for general signaling and warning of impending danger.

The characteristic sound replicates the typical features of a whistle and is generated by an electric motor connected to an internal fan. The particularity of this sound is unmistakable and is easily recognized by the users.

Electro-mechanical Sirens are suitable for short duty cycle and not for continuous operation. They produce a continuous sound and reach the fundamental frequency after a short time.





RANGE FEATURES

Quality and reliability are common characteristics of these four product families: CELERE (three versions available), CELEREST (provided with protective cap), CELERSON (for applications in large industrial areas), MICRO W10 (for flat vertical or horizontal surface mounting or alternatively for flush mount applications).

They are characterized by high frequency sound, with the exception of the CELERSON, with its large size and low frequency bass sound; it's the ideal choice for long distance signalization.

A wide range of products engineered to satisfy the most demanding requirements, from sound output to dimensions.

ELECTRA *by Sirena*

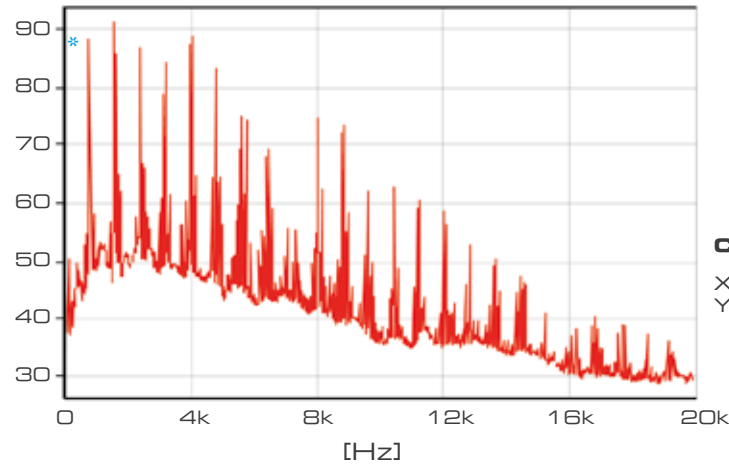
The product range that has written the history of the acoustic signaling.



ACOUSTIC SPECTRUM DESCRIBING THE SOUND PRODUCED BY ELECTRO-MECHANICAL SIRENS

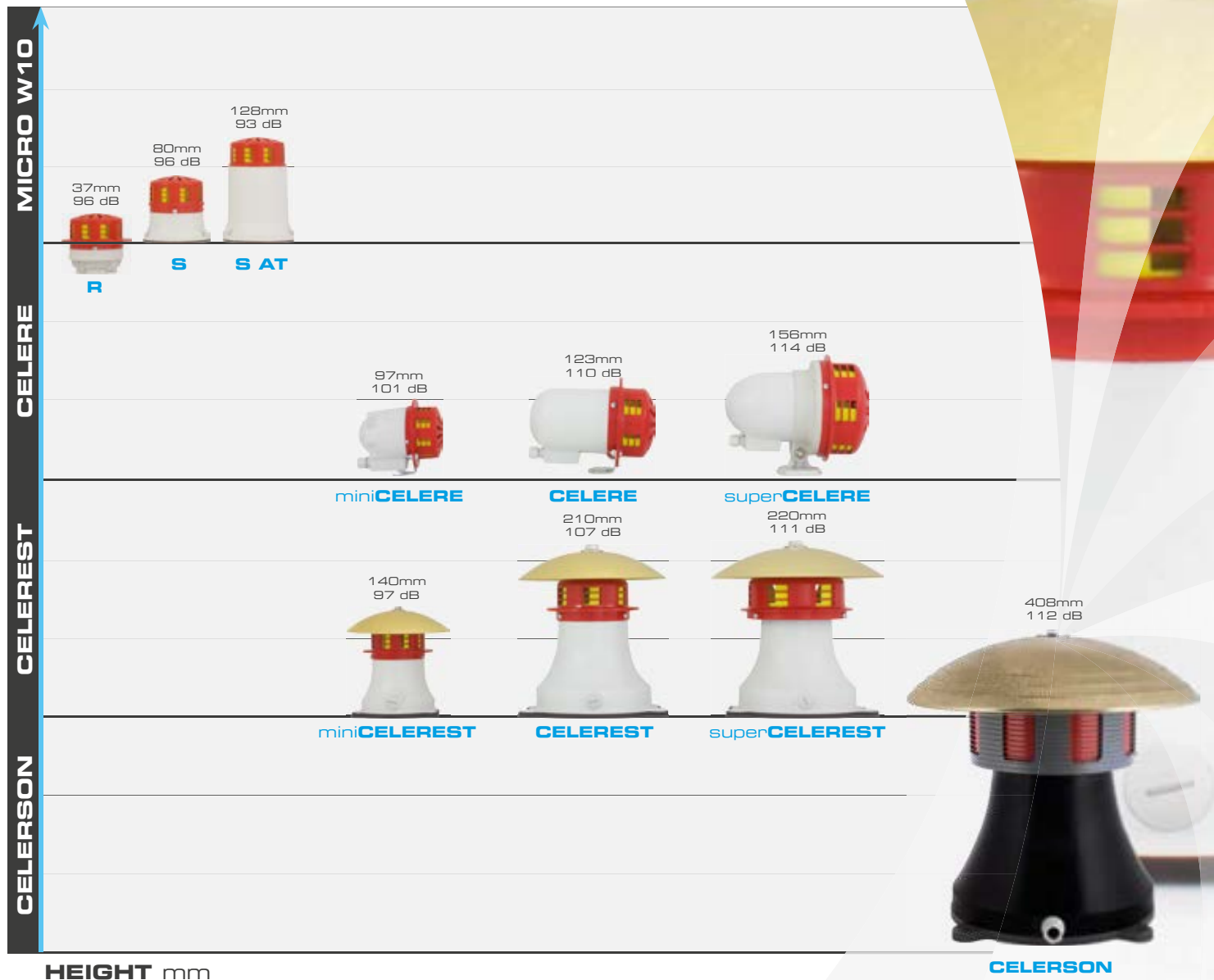
— Microphone

[dB/20u Pa]



*The first peak represents the fundamental frequency (800 Hz), depending on motor revolutions and number of fan blades. The others up to 20 kHz represent the harmonics (multiples of 800 Hz).

DIMENSIONAL GRAPH



HEIGHT mm

CELERSON



mini**CELERE**

CELERE

super**CELERE**



> **114 dB max** <
> **CONTINUOUS SOUND** <

| | | | | | | |
|------------------------------------|-----------------------------|-----------------|-------------------|-------------|--|-------------------|
| PC BODY | ABS SOUND SPEAKER | 50/60 Hz | -30/+40 C° | IP43 | ON 1 min. OFF 10 min. | ON BA* |
| CLASS 2 | SELF EXTINGUISHING | 1 | M12 | 101 | 2,7 | 1,3 BA* |
| mini CELERE | | | | | | |
| 110 | 9,2 | 2,5 | 114 | 13,5 | 9,5 | 1,3 BA* |
| CELERE BA* super CELERE BA* | | | | | | |

* Low consumption versions

mini**CELERE** | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42000 | 42010 |
| 24V ACDC | 42001 | 42011 |
| 48V ACDC | 42002 | 42012 |
| 110V ACDC | 42003 | 42013 |
| 240V ACDC | 42005 | 42015 |
| 12V DC BA | 42006 | 42016 |
| 24V DC BA | 42007 | 42017 |

CELERE | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42020 | 42030 |
| 24V ACDC | 42021 | 42031 |
| 48V ACDC | 42022 | 42032 |
| 110V ACDC | 42023 | 42033 |
| 240V ACDC | 42025 | 42035 |
| 12V DC BA | 42026 | 42036 |
| 24V DC BA | 42027 | 42037 |

super**CELERE** | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42040 | 42050 |
| 24V ACDC | 42041 | 42051 |
| 48V ACDC | 42042 | 42052 |
| 110V ACDC | 42043 | 42053 |
| 240V ACDC | 42045 | 42055 |
| 12V DC BA | 42046 | 42056 |
| 24V DC BA | 42047 | 42057 |

CELERE

Electro-mechanical siren engineered for industrial applications.

The device, made up of an electric motor connected to an internal fan, generates a long high-pitched sound. The high frequency sound replicates typical features of a whistle, allowing recognition of this sound from users.

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

3 sizes (mini**CELERE**, **CELERE** and super**CELERE**) according to the desired sound output. Available in BA versions (low consumption).

KEY CHARACTERISTICS

NUMBER OF TONES

1 (Continuous Sound)

VOLTAGES

12V ACDC, 24V ACDC, 48V ACDC, 110V ACDC, 240V ACDC +/-10%

BA: 12V DC, 24V DC +/-10%

PROTECTION GRADE

IP43

OPERATING TEMPERATURE

-30/+40 °C

MECHANICAL FEATURES

Self-extinguishing PC body with high impact resistance. ABS sound speaker

Motor protection thermal circuit breaker installed on **CELERE** and super**CELERE** versions.

Easy installation by means of the integrated fixing bracket.

Screw mounting (screws not included)

ACOUSTIC FEATURES

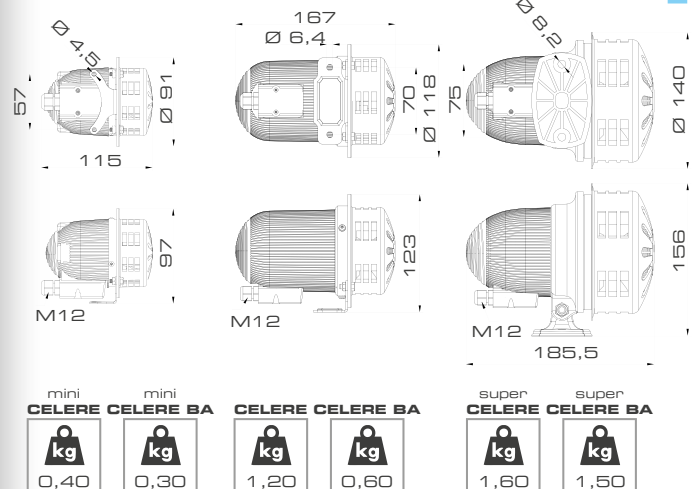
Electro-mechanical sirens with continuous sound. They reach the fundamental frequency after a short time period:

mini**CELERE**: 1020/1730Hz

CELERE: 1020/1430Hz

super**CELERE**: 800/1120Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

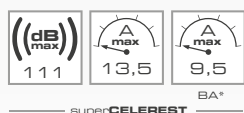
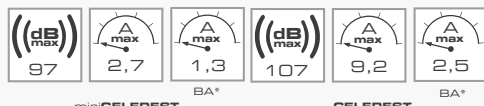




super**CELEST**



> 111 dB max <
> **CONTINUOUS SOUND** <



* Low consumption versions

mini**CELEST** | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42060 | 42070 |
| 24V ACDC | 42061 | 42071 |
| 48V ACDC | 42062 | 42072 |
| 110V ACDC | 42063 | 42073 |
| 240V ACDC | 42065 | 42075 |
| 12V DC BA | 42066 | 42076 |
| 24V DC BA | 42067 | 42077 |

CELEST | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42080 | 42090 |
| 24V ACDC | 42081 | 42091 |
| 48V ACDC | 42082 | 42092 |
| 110V ACDC | 42083 | 42093 |
| 240V ACDC | 42085 | 42095 |
| 12V DC BA | 42086 | 42096 |
| 24V DC BA | 42087 | 42097 |

super**CELEST** | PART NO

| | GY | BK |
|-----------|-------|-------|
| 12V ACDC | 42100 | 42110 |
| 24V ACDC | 42101 | 42111 |
| 48V ACDC | 42102 | 42112 |
| 110V ACDC | 42103 | 42113 |
| 240V ACDC | 42105 | 42115 |
| 12V DC BA | 42106 | 42116 |
| 24V DC BA | 42107 | 42117 |

CELEREST

Electro-mechanical siren engineered for industrial applications.

The device, made up of an electric motor connected to an internal fan, generates a long high-pitched sound. The high frequency sound replicates typical features of a whistle, allowing recognition of this sound from users.

An aluminium protective cap, is provided with the siren, increasing resistance to atmospheric agents for outdoor installation.

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

3 sizes (mini**CELEST**, **CELEST** and super**CELEST**) according to the desired sound output. Available in BA versions (low consumption).

The ideal installation in vertical position guarantees total effectiveness of the protective cap.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Continuous Sound)

VOLTAGES
12V ACDC, 24V ACDC, 48V ACDC, 110V ACDC, 240V ACDC +/-10%
BA: 12V DC, 24V DC +/-10%

PROTECTION GRADE
IP44

OPERATING TEMPERATURE
-30/+40 °C

MECHANICAL FEATURES
Self-extinguishing PC body with high impact resistance. ABS sound speaker. Aluminium protective cap

Motor protection thermal circuit breaker installed on **CELEST** and super**CELEST** versions.

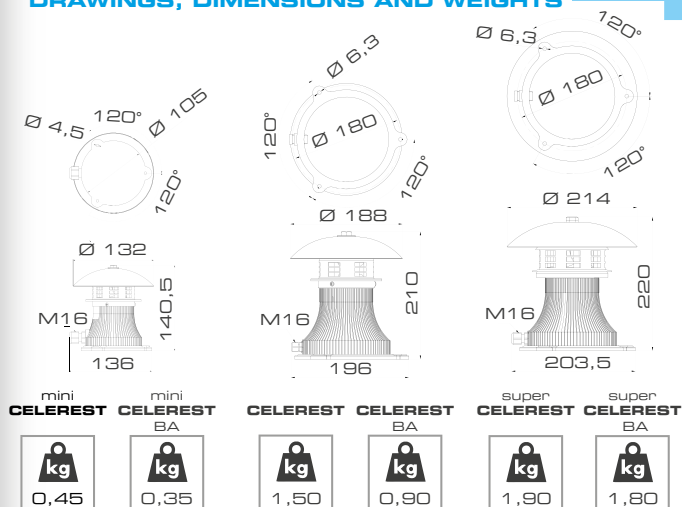
Screw mounting (screws not included)

ACOUSTIC FEATURES

Electro-mechanical sirens with continuous sound. They reach the fundamental frequency after a short time period:

mini**CELEST**: 1200/1700Hz
CELEST: 950/1400Hz
super**CELEST**: 820/1050Hz

DRAWINGS, DIMENSIONS AND WEIGHTS

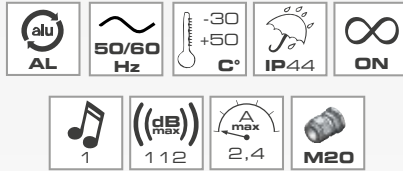


CERTIFICATIONS

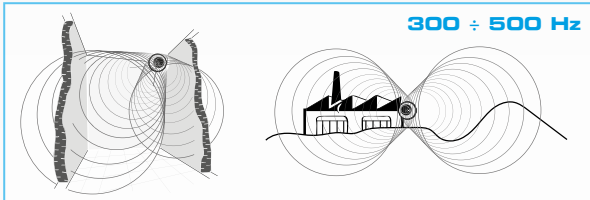




> 112 dB <
> CONTINUOUS SOUND <
> LONG DISTANCE <



DIFFUSION OF SOUND WAVES (SOUND WORKING RANGE)



Low frequencies penetrate obstacles and have long distance propagation

CELERSON | PART NO

| | |
|------------------------|--------------------|
| 240V AC (SINGLE-PHASE) | BK 50349 |
| 380V AC (THREE-PHASE) | 50351 |

CELERSON

Large size electro-mechanical siren engineered for applications in large industrial areas.

The device, made up of an electric motor connected to an internal fan, generates a long low-pitched sound. The low frequency bass sound replicates typical features of a whistle, covering long distances.

An aluminium protective cap, is provided with the siren, increasing resistance to atmospheric agents for outdoor installation.

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

The ideal installation in vertical position guarantees total effectiveness of the protective cap.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Continuous Sound)

VOLTAGES
240V AC +/- 10% (SINGLE-PHASE)
380V AC +/- 10% (THREE-PHASE)

PROTECTION GRADE
IP44

OPERATING TEMPERATURE
-30/+50 °C

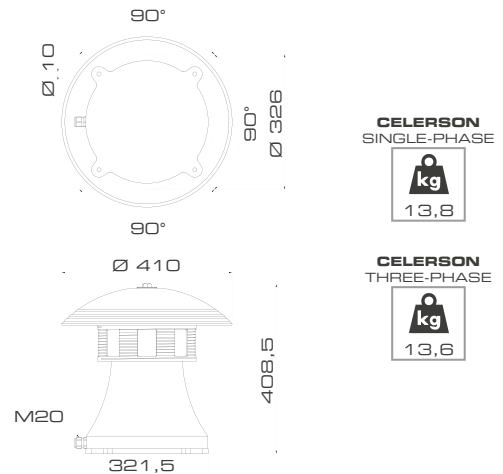
MECHANICAL FEATURES

Aluminium body, sound speaker and protective cap
Screw mounting (screws not included)

ACOUSTIC FEATURES

Electro-mechanical sirens with continuous sound.
Frequency: 390Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS



MICRO W10

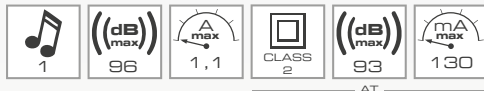
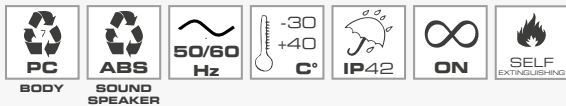


MICRO W10 S

MICRO W10 S AT



> 96 dB max <
> CONTINUOUS SOUND <



ALSO AVAILABLE



MICRO W10 R
(Flush mount version)

MICRO W10 S | PART NO

| | GY | BK |
|--------------|-------|-------|
| 12V DC | 42200 | 42204 |
| 12V AC | 42201 | 42205 |
| 24V DC | 42202 | 42206 |
| 24V AC | 42203 | 42207 |
| 110V AC (AT) | 42210 | 42213 |
| 240V AC (AT) | 42212 | 42215 |

MICRO W10 R | PART NO

| | GY |
|--------|-------|
| 12V DC | 42208 |
| 24V DC | 42209 |

MICRO W10

Small size electro-mechanical siren engineered for industrial applications.

The device, made up of an electric motor connected to an internal fan, generates a long high-pitched sound. The high frequency sound replicates typical features of a whistle, allowing recognition of this sound from users.

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

Two sizes available according to operating voltages (MICRO W10 S and MICRO W10 S AT). The device can be installed both in vertical and horizontal position, or alternatively flush mount (MICRO W10 R).

KEY CHARACTERISTICS

NUMBER OF TONES

1 (Continuous Sound)

VOLTAGES

S: 12V DC, 12V AC, 24V DC, 24V AC +/-10%

S AT: 110V AC, 240V AC +/-10%

R: 12V DC, 24V DC +/-10%

PROTECTION GRADE

IP42

OPERATING TEMPERATURE

-30/+40 °C

MECHANICAL FEATURES

Self-extinguishing PC body with high impact resistance. ABS sound speaker

Screw mounting (screws not included)

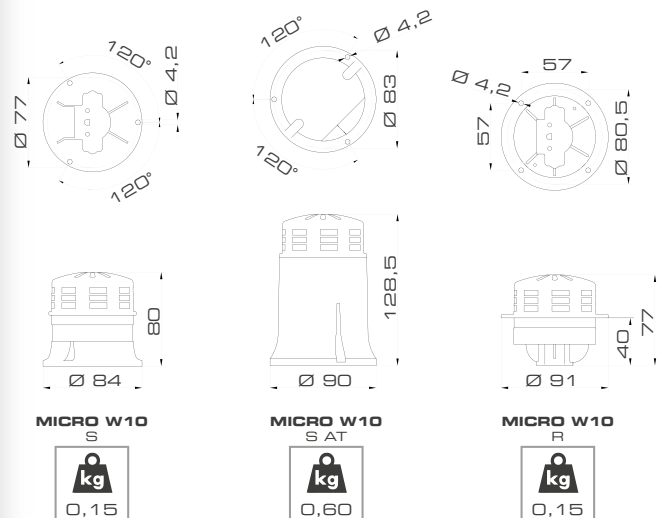
ACOUSTIC FEATURES

Electro-mechanical sirens with continuous sound. They reach the fundamental frequency after a short time period:

MICRO W10 S and R: 1350/1500Hz

MICRO W10 S AT: 1000/1450Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS



ELECTRONIC SIRENS



Electronic Sirens are signals whose sound is generated by a microprocessor. The sound is emitted by a loudspeaker or an exponential horn. Multi-tone sirens allow tone selection by a dip-switch, as well as dB sound pressure level and sound progression regulation.

These devices have the following advantages over electro-mechanical sirens:

- low power consumption
- continuous operation
- variable tone in the sound frequency
- progressive sound
- combined audible/visual signal



RANGE FEATURES

Six product families belong to this range, distinguished according to the number of tones available and sound power of the magnetodynamic unit.

5 tones: SE 4 MS5 (4 watt, PLC version also available), SE 10 MS5 (10 watt, PLC version also available), SE 12 MS5 (12 watt sound power), SE 25 MS5 (25 watt sound power)

32 tones: SE 12 MS32 (12 watt, piezoelectric version also available), SEP LED MS32 (12 watt with LED light, piezoelectric version also available).

Electronic sirens are characterized by high frequency sound, suitable for short distance use.

ELECTRA *by Sirena*

Multiple tones, different acoustic levels for a tailor-made and effective message.



SOUND TYPES AND DESCRIPTION

Five different sound types can be generated by electronic sirens, each distinguished by a specific meaning.

INTERMITTENT: regular intervals between on and off cycles. Used to indicate a danger that requires an immediate action

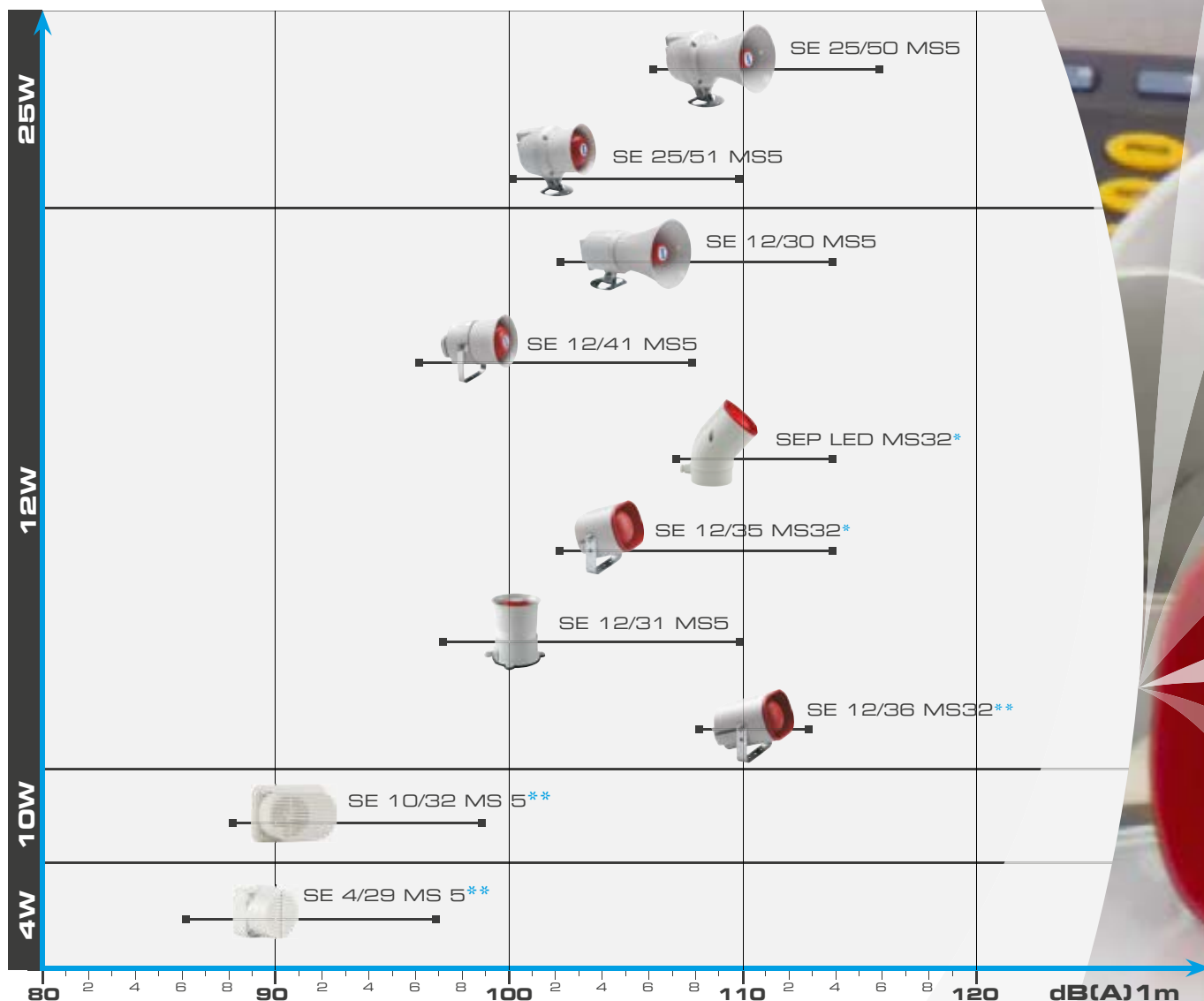
MULTI-TONE: cyclic (fast) and regular sequence of tones with different frequencies. Indicates a serious danger that requires an immediate action

CONTINUOUS: continuous tone in a specific frequency. Indicates a safety status danger that requires an immediate action

MODULATED: continuous tone generated by graduated alternation of frequencies. Indicates a serious danger that requires an immediate action

TWO-TONE: cyclic and regular sequence of tones with different frequencies. Indicates a serious danger that requires an immediate action

ELECTRONIC SIRENS SOUND PRESSURE LEVEL



* With piezoelectric unit also available

** PLC versions available



SE 4/29 MS5

SE 4/25 L PLC



> 97 dB max <
> MULTI-TONE <
> PLC READY <



SE 4/29



SE 4/25 PLC

SE 4/29 MS5 | PART NO

| | GY |
|-------------|-------|
| 12/24V ACDC | 50415 |
| 48V AC | 50416 |
| 110V AC | 50417 |
| 240V AC | 50418 |

SE 4/25 L PLC | PART NO

| | GY |
|--------|-------|
| 24V DC | 50414 |

SE 4 MS5 - PLC

Electronic sirens engineered for industrial applications.

Developed with 4W magnetodynamic unit, these devices are available in multi-tone version (SE 4/29 MS5), selectable via dip-switch, or with continuous sound for use with PLC (SE 4/25 L PLC).

The multi-tone version allows volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial and civil applications, from general-purpose signalization to warning of impending dangers.

KEY CHARACTERISTICS

NUMBER OF TONES

5 (Continuous, Two-tone, Multi-tone, Modulated, Two-tone for Evacuation)

SE 4/25 PLC: 1 (Continuous sound)

VOLTAGES

12/24V ACDC, 48V AC, 110V AC, 240V AC +/-10%

SE 4/25 PLC: 24V DC +/-10%

PROTECTION GRADE

IP30

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body

Screw mounting (screws not included)

ACOUSTIC FEATURES

4W magnetodynamic unit

5 tones selectable via dip-switch:

Continuous: 1000Hz

Two-tone: 600/700Hz

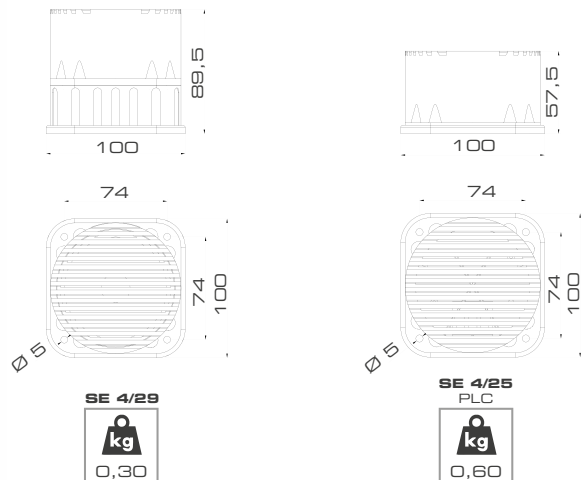
Multi-tone: 1000/1700Hz

Modulated: 1000/1700Hz

Two-tone for Evacuation: 440/560Hz

SE 4/25 PLC: Continuous (1000Hz)

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS



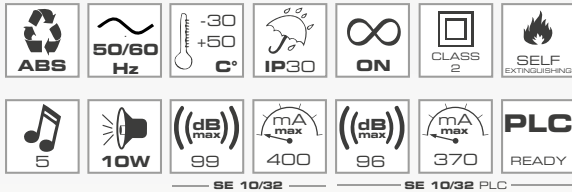
SE 10 MS5



SE 10/32 MS5
SE 10/32 MS5 PLC



> **99 dB max** <
> **MULTI-TONE** <
> **PLC READY** <



SE 10/32

SE 10/32 PLC

SE 10 MS5

Electronic sirens engineered for industrial applications.

Developed with 10W magnetodynamic unit, these devices are available in multi-tone version (SE 10/32 MS5), selectable via dip-switch, or multi-tone for use with PLC (SE 10/32 MS5 PLC).

These electronic sirens allow volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial and civil applications, from general-purpose signalization to warning of impending dangers.

KEY CHARACTERISTICS

NUMBER OF TONES

5 (Continuous, Two-tone, Multi-tone, Modulated, Two-tone for Evacuation)

VOLTAGES

12/24V ACDC, 48V AC, 110V AC, 240V AC +/-10%
SE 10MS5 PLC: 24V DC +/-10%

PROTECTION GRADE

IP30

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body

Screw mounting (screws not included)

ACOUSTIC FEATURES

10W magnetodynamic unit

5 tones selectable via dip-switch:

Continuous: 1000Hz

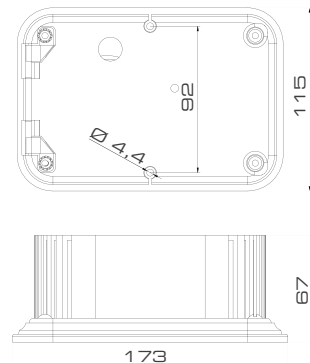
Two-tone: 600/700Hz

Multi-tone: 1000/1700Hz

Modulated: 1000/1700Hz

Two-tone for Evacuation: 440/560Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



SE 10/32 **SE 10/32**
PLC



SE 10/32 MS5 | PART NO

GY

| | |
|-------------|-------|
| 12/24V ACDC | 50419 |
| 48V AC | 50420 |
| 110V AC | 50421 |
| 240V AC | 50422 |

SE 10/32 MS5 PLC | PART NO

GY

| | |
|--------|-------|
| 24V DC | 50423 |
|--------|-------|

CERTIFICATIONS



SE 12 MS5

SE 12/30 MS5

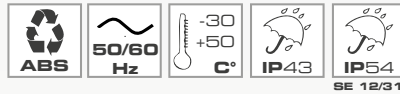


SE 12/31 MS5



SE 12/41 MS5

> 114 dB max <
> MULTI-TONE <



| | | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| (dB _{max}) 114 | (mA _{max}) 700 | (dB _{max}) 110 | (mA _{max}) 750 | (dB _{max}) 108 | (mA _{max}) 760 |
| SE 12/30 | | SE 12/31 | | SE 12/41 | |

SE 12/30 MS5 | PART NO

GY
12/24V ACDC 50405

SE 12/31 MS5 | PART NO

GY
12/24V ACDC 50400

SE 12/41 MS5 | PART NO

GY
12/24V ACDC 50401
48V AC 50402
110V AC 50403
240V AC 50404

SE 12 MS5

Electronic sirens engineered for industrial applications.

Developed with 12W magnetodynamic unit, these electronic sirens benefit from five different tones, selectable via dip-switch. These electronic sirens allow volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

Three types available (SE 12/30, SE 12/31 and SE 12/41) according to the desired sound output.

KEY CHARACTERISTICS

NUMBER OF TONES

5 (Continuous, Two-tone, Multi-tone, Modulated, Two-tone for Evacuation)

VOLTAGES

SE 12/30: 12/24V ACDC +/-10%
SE 12/31: 12/24V ACDC +/-10%
SE 12/41: 12/24V ACDC, 48V AC, 110V AC, 240V AC +/-10%,

PROTECTION GRADE

SE 12/30: IP43
SE 12/31: IP54
SE 12/41: IP43

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body and sound speaker

Easy installation by means of the integrated fixing bracket (SE 12/30, SE 12/41) or screw mounting (SE 12/31) - screws not included

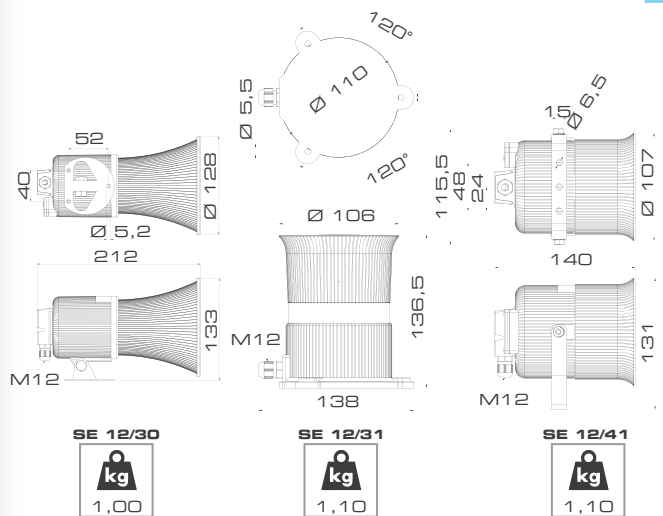
ACOUSTIC FEATURES

12W magnetodynamic unit

5 tones selectable via dip-switch:

Continuous: 1000Hz
Two-tone: 600/700Hz
Multi-tone: 1000/1700Hz
Modulated: 1000/1700Hz
Two-tone for Evacuation: 440/560Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



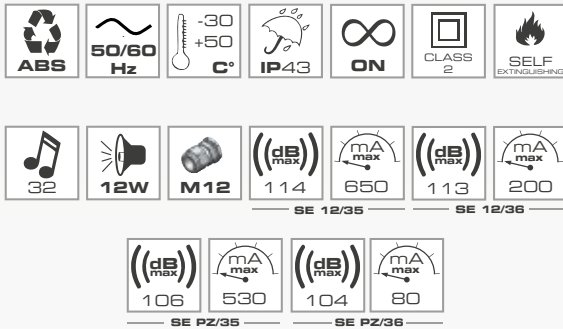
CERTIFICATIONS



SE 12 MS32



> 114 dB max <
> MULTI-TONE <



SE 12/35 MS32 | PART NO

12/24V ACDC 50424

SE 12/36 MS32 | PART NO

48V AC 50425
110V AC 50426
240V AC 50427

SE PZ/35 MS32 | PART NO

12/24V ACDC 50428

SE PZ/36 MS32 | PART NO

48V AC 50429
110V AC 50430
240V AC 50431

SE 12 MS32

Electronic sirens engineered for industrial applications.

Developed with 12W magnetodynamic unit (SE 12/35, SE 12/36) and with piezoelectrical unit (SE PZ/35, SE PZ/36).

These electronic sirens benefit from 32 different tones, selectable via dip-switch and allow volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

KEY CHARACTERISTICS

NUMBER OF TONES
32 (Mixed tones)

VOLTAGES

SE 12/35 - SE PZ/35: 12/24V ACDC +/-10%
SE 12/36 - SE PZ/36: 48V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE
IP43

OPERATING TEMPERATURE
-30/+50 °C

MECHANICAL FEATURES

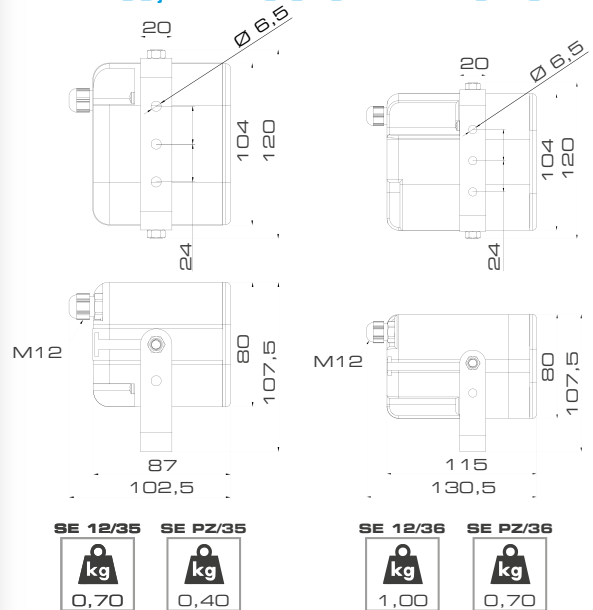
ABS body and sound speaker

Easy installation by means of the integrated fixing bracket

ACOUSTIC FEATURES

SE 12/35 and SE 12/36: 12W magnetodynamic unit
SE PZ/35 and SE PZ/36: piezoelectrical unit
32 tones selectable via dip-switch (frequency range 300/2850Hz)

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





SE 25/50 MS5



SE 25/51 MS5

> 116 dB max <
> MULTI-TONE <



SE 25/50 SE 25/51

SE 25/50 MS5 | PART NO

| GY | |
|-------------|-------|
| 12/24V ACDC | 50410 |
| 48V AC | 50411 |
| 110V AC | 50412 |
| 240V AC | 50413 |

SE 25/51 MS5 | PART NO

| GY | |
|-------------|-------|
| 12/24V ACDC | 50406 |
| 48V AC | 50407 |
| 110V AC | 50408 |
| 240V AC | 50409 |

SE 25 MS5

Electronic sirens engineered for industrial applications.

Developed with 25W magnetodynamic unit, these electronic sirens benefit from five different tones, selectable via dip-switch. These electronic sirens allow volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

Two types available (SE 25/50, SE 25/51) according to the desired sound output.

KEY CHARACTERISTICS

NUMBER OF TONES

5 (Continuous, Two-tone, Multi-tone, Modulated, Two-tone for Evacuation)

VOLTAGES

12/24V ACDC, 48V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP43

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body and sound speaker

Easy installation by means of the integrated fixing bracket

ACOUSTIC FEATURES

25W magnetodynamic unit. 5 tones selectable via dip-switch:

Continuous: 1000Hz

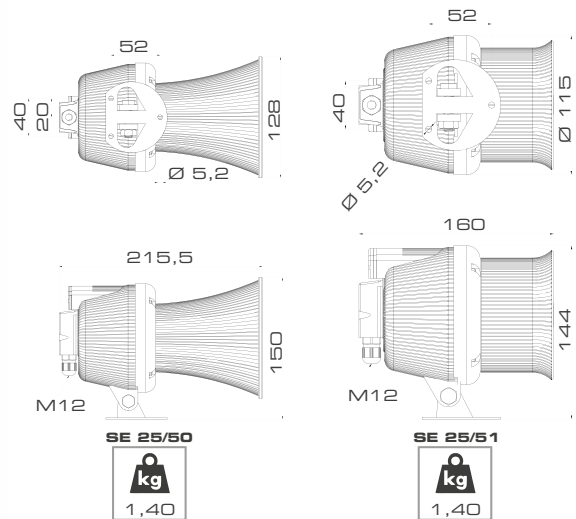
Two-tone: 600/700Hz

Multi-tone: 1000/1700Hz

Modulated: 1000/1700Hz

Two-tone for Evacuation: 440/560Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

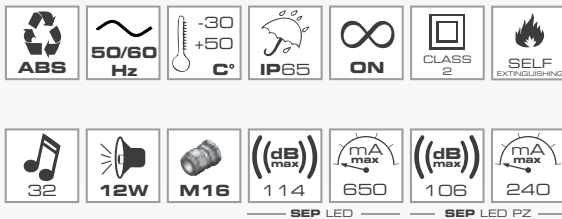




SEP LED MS32
SEP LED MS32 PZ



> **114 dB max** <
> **MULTI-TONE** <
> **with LED LIGHT** <



SEP LED MS32 | PART NO

| GY | |
|----------|-------|
| 24V ACDC | 50901 |
| 110V AC | 50903 |
| 240V AC | 50904 |

SEP LED MS32 PZ | PART NO

| GY | |
|----------|-------|
| 24V ACDC | 50911 |
| 110V AC | 50913 |
| 240V AC | 50914 |

SEP LED MS32

Multifunctional electronic sirens with LED light engineered for industrial applications.

Developed with 12W magnetodynamic unit (SEP LED MS32) and with piezoelectrical unit (SEP LED MS32 PZ).

These electronic sirens benefit from 32 different tones, selectable via dip-switch and allow volume level (from min. to max.) and sound progression regulation (time required to reach the sound level set).

Ideal choice for industrial applications, from general-purpose signalization to warning of impending dangers.

KEY CHARACTERISTICS

NUMBER OF TONES

32 (Mixed tones)

VOLTAGES

24V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body and sound speaker
Wall mounting (screws not included)

ACOUSTIC FEATURES

SEP LED MS32: 12W magnetodynamic unit

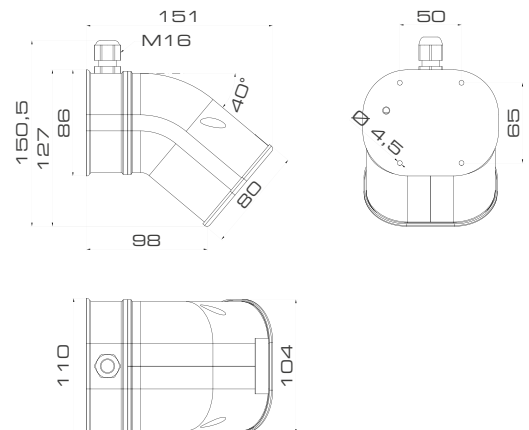
SEP LED MS32 PZ: piezoelectrical unit

32 tones selectable via dip-switch (frequency range 300/2850Hz)

OPTICAL FEATURES

8 red LEDs producing a flashing light effect

DRAWINGS, DIMENSIONS AND WEIGHTS



| SEP LED | SEP LED 24V | SEP LED PZ | SEP LED PZ 24V |
|---------|-------------|------------|----------------|
| kg | kg | kg | kg |
| 0,98 | 0,75 | 0,52 | 0,41 |

CERTIFICATIONS



INDUSTRIAL HORNS

Industrial Horns produce distinct sounds; they include two groups, distinguished by sound generation:

- acoustic warning devices with vibrating membrane (horns)
- bells using a vibrating piston. The bell is available in different sizes in order to obtain varied sounds

The sound produced by Electromagnetic Industrial Horns is easily distinguishable and is perceived as a croaking sound.

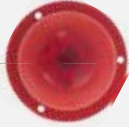








RANGE FEATURES

Electromagnetic Industrial Horns have low frequencies and are particularly suitable for long distance signaling and for short call or danger signals.

The sound generated can be continuous (C versions) or intermittent (I versions).

| | BABYSAI LED | MICROSAI | CEAD |
|-------------------------|---|--|---|
| RED |  | |  |
| GREY |  |  |  |
| DIMENSIONS mm (max.) | 94 | 140 | 168 |

ELECTRA by *Sirena*

The sound that makes the difference.

Six product families belong to this range: horns with vibrating membrane BABYSAI LED (with LED light), MICROSAI (diameter 114), SAI (diameter 170), SEM (signal horn, also with integrated luminous signalization available) and bells using a vibrating piston SIAD and CEAD (different dimensions available).

The graph shows dimensions of the devices considering the fixing base, except for SEM for which we have considered the height.

Red color, available for some products, is suitable for emergency signaling.

SAI

SIAD 165

SIAD 215

SEM

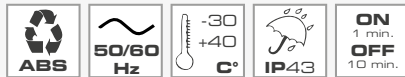




BABYSAI LED



> 100 dB max <
> with LED LIGHT <



BABYSAI LED | PART NO

| | GY | BK | RD |
|---------|-------|-------|-------|
| 12V DC | 37801 | 37811 | 37821 |
| 24V DC | 37802 | 37812 | 37822 |
| 48V DC | 37803 | 37813 | 37823 |
| 12V AC | 37805 | 37815 | 37825 |
| 24V AC | 37806 | 37816 | 37826 |
| 48V AC | 37807 | 37817 | 37827 |
| 110V AC | 37808 | 37818 | 37828 |
| 240V AC | 37809 | 37819 | 37829 |

BABYSAI LED

Compact-size horn with LED light engineered for industrial applications.

Developed with acoustic electromagnetic capsule with vibrating membrane, the device generates a characteristic continuous sound.

Ideal choice for industrial applications, short call or danger signals.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Continuous Sound)

VOLTAGES
12V DC, 24V DC, 48V DC +/-10%
12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE
IP43

OPERATING TEMPERATURE
-30/+40 °C

MECHANICAL FEATURES

ABS body and sound speaker
Provided with flat base. Screw mounting (screws not included)

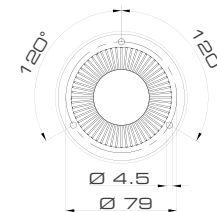
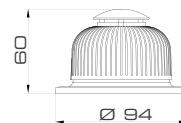
ACOUSTIC FEATURES

Electromagnetic unit with vibrating membrane
Continuous sound:
DC versions: 650+/-50Hz
AC versions: 300/7000Hz

OPTICAL FEATURES

6 red LEDs producing steady light

DRAWINGS, DIMENSIONS AND WEIGHTS



BABYSAI LED



CERTIFICATIONS



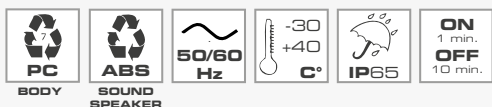


MICROSAI I

MICROSAI C



> CONTINUOUS SOUND (C) <
> INTERMITTENT SOUND (I) <
> 95 dB max <



MICROSAI C | PART NO

| | GY | BK |
|---------|-------|-------|
| 12V AC | 53002 | 53260 |
| 24V AC | 53003 | 53261 |
| 48V AC | 53005 | 53262 |
| 110V AC | 53008 | 53263 |
| 240V AC | 53015 | 53300 |

MICROSAI I | PART NO

| | GY | BK |
|---------|-------|-------|
| 12V AC | 53530 | 53265 |
| 24V AC | 53531 | 53266 |
| 48V AC | 53532 | 53267 |
| 110V AC | 53533 | 53268 |
| 240V AC | 53535 | 53301 |

MICROSAI

Horn engineered for industrial applications.

Developed with acoustic electromagnetic capsule with vibrating membrane, the device generates a characteristic continuous sound (MICROSAI C) or intermittent sound (MICROSAI I).

Ideal choice for industrial applications, short call or danger signals.

KEY CHARACTERISTICS

NUMBER OF TONES

MICROSAI C: 1 (Continuous Sound)

MICROSAI I: 1 (Intermittent Sound)

VOLTAGES

12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+40 °C

MECHANICAL FEATURES

PC body and ABS sound speaker

Provided with flat base. Screw mounting (screws not included)

ACOUSTIC FEATURES

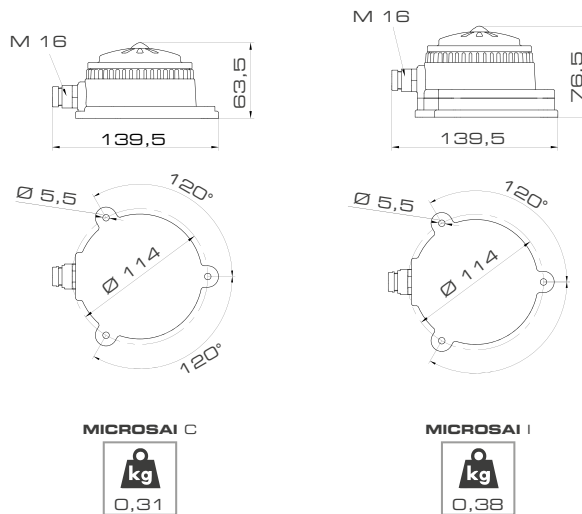
Electromagnetic unit with vibrating membrane

MICROSAI C: Continuous sound

MICROSAI I: Intermittent sound

Frequency: 300/350Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

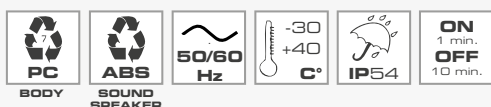




SAI C
SAI I



> CONTINUOUS SOUND (C) <
> INTERMITTENT SOUND (I) <
> 110 dB max <



SAI C | PART NO

| | GY | BK |
|---------|-------|-------|
| 12V DC | 42250 | 42260 |
| 24V DC | 42252 | 42262 |
| 48V DC | 42254 | 42264 |
| 12V AC | 42251 | 42261 |
| 24V AC | 42253 | 42263 |
| 48V AC | 42255 | 42265 |
| 110V AC | 42257 | 42267 |
| 240V AC | 42259 | 42269 |

SAI I | PART NO

| | GY | BK |
|---------|-------|-------|
| 12V AC | 42361 | 42381 |
| 24V AC | 42363 | 42383 |
| 48V AC | 42365 | 42385 |
| 110V AC | 42366 | 42386 |
| 240V AC | 42368 | 42388 |

SAI

Horn engineered for industrial applications.

Developed with acoustic electromagnetic capsule with vibrating membrane, the device generates a characteristic continuous sound (SAI C) or intermittent sound (SAI I).

Ideal choice for industrial applications, short call or danger signals.

KEY CHARACTERISTICS

NUMBER OF TONES

SAI C: 1 (Continuous Sound)
SAI I: 1 (Intermittent Sound)

VOLTAGES

SAI C: 12V DC, 24V DC, 48V DC, 12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%
SAI I: 12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+40 °C

MECHANICAL FEATURES

PC body and ABS sound speaker

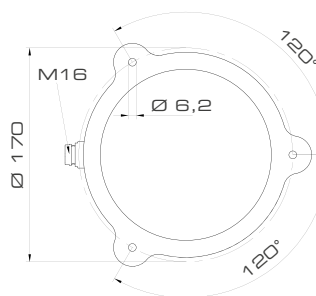
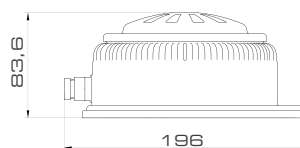
Provided with flat base. Screw mounting (screws not included)

ACOUSTIC FEATURES

Electromagnetic unit with vibrating membrane

SAI C: Continuous Sound
Frequencies: 600/20000Hz (DC) - 800/15000Hz (AC)
SAI I: Intermittent Sound
Frequency: 800/15000Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





SEM PLUS

SEM STEADY SEM FLASHING SEM LED

> CONTINUOUS SOUND <

| | | | | | | |
|---------------------------|-----------------------------|---------------------|--------------------|---------------------|------------------------------|----------------|
| PC DOME | ABS SOUND SPEAKER | 50/60 Hz | -30 +50 C° | IP43 | ON 1 min. OFF 10 min. | CLASS 2 |
| SELF EXTINGUISHING | 101 | 1 | 340 | ON | 92 | 93 |
| Ba 15d | 520 | 1F 110 +/-20 | 485 | | | |
| 96 | LED SMD | 1F 120 +/-10 | 2F 90 +/-10 | 3F 140 +/-10 | 200 | |

SEM PLUS | PART NO

| | | | | | | |
|---------------------------|--------------|------------|------------|------------|-------------|-------------|
| SEM PLUS 12/24V DC | 40312 | | | | | |
| DC | 6V | 12V | 24V | 48V | 110V | 240V |
| | 40300 | 40302 | 40304 | 40306 | 40308 | 40310 |
| AC | 6/8V | 12V | 24V | 48V | 110V | 240V |
| | 40301 | 40303 | 40305 | 40307 | 40309 | 40311 |

SEM STEADY* | PART NO

| | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|
| DC | | | | | | |
| 12V | 40625 | 40622 | 40623 | 40624 | 40626 | 40627 |
| 24V | 40351 | 40352 | 40643 | 40644 | 40645 | 40646 |
| 48V | 40661 | 40662 | 40663 | 40664 | 40665 | 40666 |
| 110V | 40681 | 40682 | 40683 | 40684 | 40685 | 40686 |
| 240V | 40411 | 40412 | 40413 | 40414 | 40415 | 40416 |
| AC | | | | | | |
| 12V | 40628 | 40632 | 40633 | 40634 | 40629 | 40630 |
| 24V | 40711 | 40712 | 40713 | 40714 | 40715 | 40716 |
| 48V | 40671 | 40672 | 40673 | 40674 | 40675 | 40676 |
| 110V | 40691 | 40692 | 40693 | 40694 | 40695 | 40696 |
| 240V | 40721 | 40422 | 40703 | 40704 | 40705 | 40706 |

*Supplied with bulb

SEM FLASHING* | PART NO

| | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|
| DC | | | | | | |
| 12V | 40321 | 40322 | 40323 | 40324 | 40325 | 40326 |
| 24V | 40341 | 40342 | 40343 | 40344 | 40345 | 40346 |
| 48V | 40361 | 40362 | 40363 | 40364 | 40365 | 40366 |
| AC | | | | | | |
| 24V | 40641 | 40642 | 40353 | 40354 | 40355 | 40356 |
| 48V | 40371 | 40372 | 40373 | 40374 | 40375 | 40376 |
| 110V | 40391 | 40392 | 40393 | 40394 | 40395 | 40396 |
| 240V | 40701 | 40702 | 40423 | 40424 | 40425 | 40426 |

*Supplied with bulb

SEM LED | PART NO

| | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|
| DC | | | | | | |
| 12V | 38821 | 38822 | 38823 | 38824 | 38825 | 38826 |
| 24V | 38841 | 38842 | 38843 | 38844 | 38845 | 38846 |
| AC | | | | | | |
| 12V | 38831 | 38832 | 38833 | 38834 | 38835 | 38836 |
| 24V | 38851 | 38852 | 38853 | 38854 | 38855 | 38856 |
| 110V | 38861 | 38862 | 38863 | 38864 | 38865 | 38866 |
| 240V | 38871 | 38872 | 38873 | 38874 | 38875 | 38876 |

Part nos. spare domes, see page 47

SEM

Horn engineered for industrial applications, ideal choice for short call or danger signals.

Electronic version for continuous operation (SEM PLUS) also available.

This signal horn is also available with integrated luminous signaling: developed with traditional Ba 15d lamp holder, steady light (SEM STEADY) and flashing light version (SEM FLASHING), or with SMD LED technology (SEM LED). This latter benefits from four luminous effects (steady light, single flash, double flash, triple-flash) selectable via dip-switch.

For SEM STEADY and SEM LED it is possible to power sound and light separately.

KEY CHARACTERISTICS

NUMBER OF TONES

1 (Continuous Sound)

VOLTAGES

SEM: 6V DC, 12V DC, 24V DC, 48V DC, 110V DC, 240V DC, 6/8V AC, 12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

SEM PLUS: 12/24V DC +/-10%

SEM STEADY: 12V DC, 24V DC, 48V DC, 110V DC, 240V DC, 12V AC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

SEM FLASHING: 12V DC, 24V DC, 48V DC, 24V AC, 48V AC, 110V AC, 240V AC +/-10%

SEM LED: 12V DC, 24V DC, 12V AC, 24V AC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP43

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body/sound speaker, PC dome
Screw mounting (screws not included)

ACOUSTIC FEATURES

SEM: electromagnetic unit with vibrating membrane
Continuous sound
Frequencies: 650+/-50Hz (DC) - 300/7000Hz (AC)

SEM PLUS: electronically driven magnetodynamic unit
Frequency: 850Hz

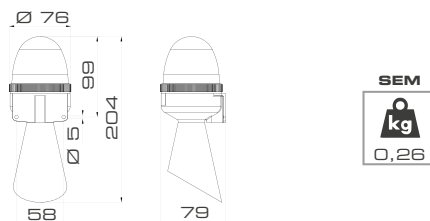
OPTICAL FEATURES

SEM STEADY: developed with Ba 15d lamp holder for traditional 5W incandescent lamps. Steady light

SEM FLASHING: developed with Ba 15d lamp holder for traditional 5W incandescent lamps. Flashing light

SEM LED: developed with superbright SMD LED. It benefits from 4 light effects (steady light, single, double or triple-flash) selectable via dip-switch

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





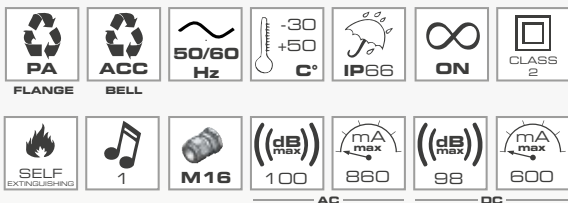
SIAD 165



SIAD 215



> DIAMETERS 165mm and 215mm <
> 100 dB max <
> HIGH IP GRADE <



SIAD 165 | PART NO

| AC | RD | GY |
|---------|-------|-------|
| 12V AC | 54200 | 54207 |
| 24V AC | 54201 | 54208 |
| 48V AC | 54202 | 54209 |
| 60V AC | 54203 | 54210 |
| 110V AC | 54204 | 54211 |
| 240V AC | 54206 | 54213 |

| DC | RD | GY |
|---------|-------|-------|
| 12V DC | 54214 | 54221 |
| 24V DC | 54215 | 54222 |
| 48V DC | 54216 | 54223 |
| 60V DC | 54217 | 54224 |
| 110V DC | 54218 | 54225 |
| 240V DC | 54220 | 54227 |

SIAD 215 | PART NO

| AC | RD | GY |
|---------|-------|-------|
| 12V AC | 54228 | 54235 |
| 24V AC | 54229 | 54236 |
| 48V AC | 54230 | 54237 |
| 60V AC | 54231 | 54238 |
| 110V AC | 54232 | 54239 |
| 240V AC | 54234 | 54241 |

| DC | RD | GY |
|---------|-------|-------|
| 12V DC | 54242 | 54249 |
| 24V DC | 54243 | 54250 |
| 48V DC | 54244 | 54251 |
| 60V DC | 54245 | 54252 |
| 110V DC | 54246 | 54253 |
| 240V DC | 54248 | 54255 |

SIAD

Electromechanical industrial bell with reinforced base, available with diameter 165mm or 215mm.

Developed with acoustic electromagnetic unit with vibrating piston, the device generates a characteristic continuous sound.

The rugged steel structure of the bell provides high impact resistance and excellent protection against dust and water (IP66), suitable also for heavy duty applications.

KEY CHARACTERISTICS

NUMBER OF TONES

1 (Continuous Sound)

VOLTAGES

AC: 12V AC, 24V AC, 48V AC, 60V AC, 110V AC, 240V AC +/-10%

DC: 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 240V DC +/-10%

PROTECTION GRADE

IP66

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Steel bell and polyamide flange

Provided with flat base. Screw mounting (screws not included)

ACOUSTIC FEATURES

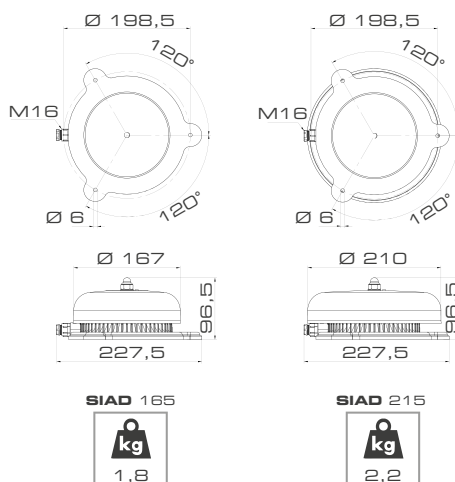
Electromagnetic unit with vibrating piston

Continuous Sound

Frequency SIAD 165: 1500/10000Hz

Frequency SIAD 215: 1000/15000Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

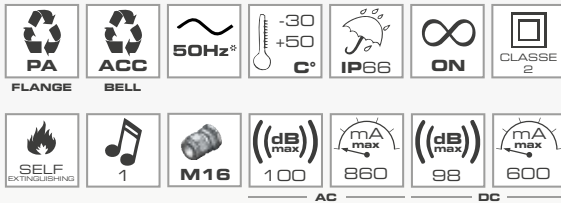




CEAD 165



> **DIAMETER 165mm** <
> **100 dB max** <
> **HIGH IP GRADE** <



*60Hz available on request

CEAD 165 | PART NO

| AC | RD | GY |
|---------|-------|-------|
| 12V AC | 54090 | 54070 |
| 24V AC | 54091 | 54071 |
| 48V AC | 54092 | 54072 |
| 60V AC | 54093 | 54073 |
| 110V AC | 54094 | 54074 |
| 240V AC | 54096 | 54076 |
| DC | RD | GY |
| 12V DC | 54097 | 54080 |
| 24V DC | 54098 | 54081 |
| 48V DC | 54099 | 54082 |
| 60V DC | 54100 | 54083 |
| 110V DC | 54101 | 54084 |
| 240V DC | 54102 | 54087 |

CEAD

Electromechanical industrial bell with reinforced base and diameter 165mm.

Developed with acoustic electromagnetic unit with vibrating piston, the device generates a characteristic continuous sound.

The rugged steel structure of the bell provides high impact resistance and excellent protection against dust and water (IP66), suitable also for heavy duty applications.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Continuous Sound)

VOLTAGES

AC: 12V AC, 24V AC, 48V AC, 60V AC, 110V AC, 240V AC +/-10%

DC: 12V DC, 24V DC, 48V DC, 60V DC, 110V DC, 240V DC +/-10%

PROTECTION GRADE
IP66

OPERATING TEMPERATURE
-30/+50 °C

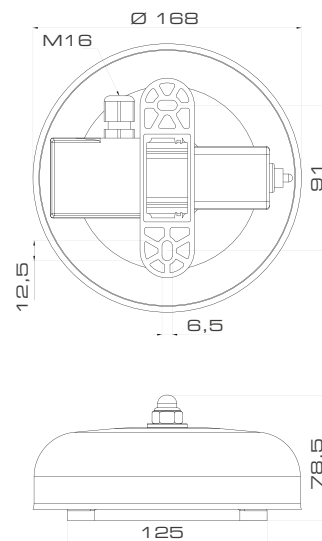
MECHANICAL FEATURES

Steel bell and polyamide flange
Screw mounting (screws not included)

ACOUSTIC FEATURES

Electromagnetic unit with vibrating piston
Continuous Sound
Frequency: 2000/12000Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



LUMINOUS DEVICES ON MACHINERY



Luminous Devices for installation on Machinery are a small size product range, developed to meet requirements relating to visual and acoustic signaling on machinery, suitable for all safety conditions of the “machinery system”.

The 2006/42/EC European Machine Directive requires the installation of appropriate audible and visual warning devices in order to guarantee safety for operators and functionality of plant and machinery.

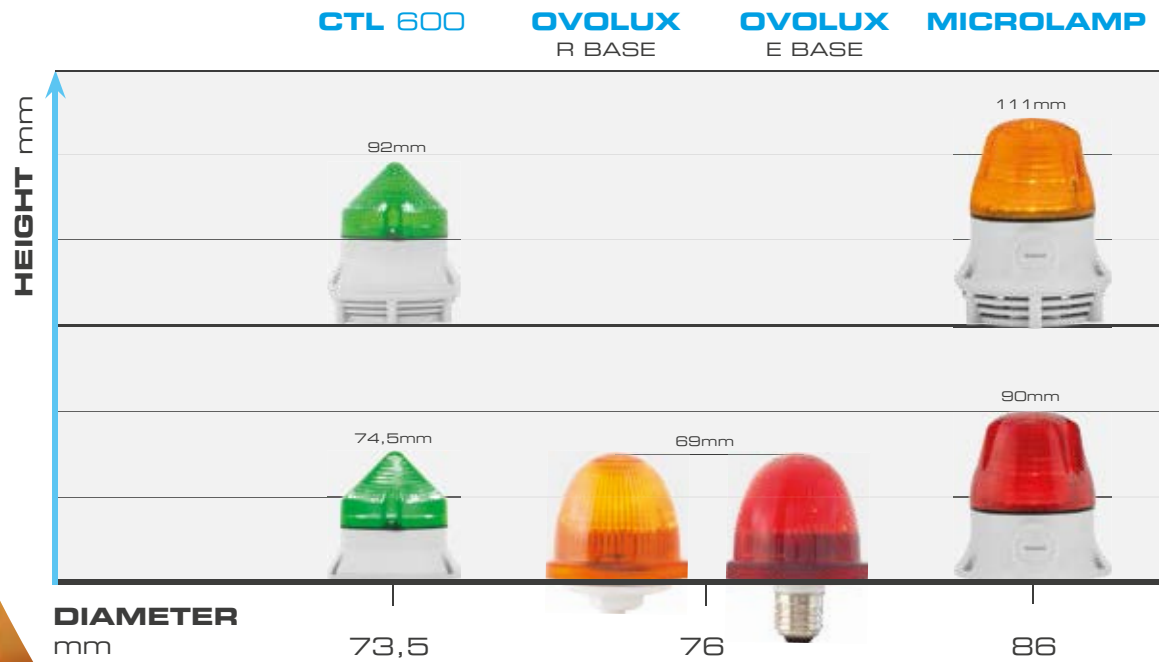
Furthermore, signaling devices can be used for numerous informative applications: they can, for example, inform the operator if a process is in progress, has been completed or can be used to detect downtime and increase productivity.



RANGE FEATURES

Families of this product category differ according to their shape and offer a variety of colors, diameters and mounting bases to satisfy the most demanding applications. They benefit from traditional luminous technologies (incandescent and Xenon bulb) as well as from the latest LED luminous sources (SMD LED): MICROLAMP (also with acoustic version), CTL (three sizes and also with acoustics) and OVOLUX (with three different mounting bases).

The following graph shows the relevant features of the whole range, relating to dimensions, shape and mounting.



SMD LED TECHNOLOGY

SMD stands for **Surface Mounting Device** representing the latest electronic technology: the miniaturization of the electronic components, including LEDs, is the real cutting-edge aspect. Sirena has upgraded the existing range of MICROLAMP, CTL and OVOLUX beacons and combined sounders and beacons, with the state-of-the-art new SMD LED technology. In addition to the main advantages of LED technology, such as:

- Low power consumption
- No maintenance
- High vibration resistance
- 100.000* hours lifetime

These SMD technology versions allow:

- Multifunctionality
- Excellent optical definition
- Improved light output
- New blinking combinations

*At normal conditions, without vibrations and heavy temperature changes

CTL 900

OVOLUX
M BASE

CTL 1200



ELECTRA by *Sirena*

**Safety and functionality
to guarantee the maximum
production continuity.**

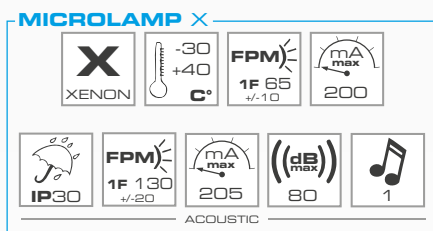




MICROLAMP



> VERSIONS WITH ACOUSTICS <
> 3 LUMINOUS SOURCES <



ALSO AVAILABLE



MICROLAMP ACOUSTIC
(Acoustic version)

MICROLAMP new

Luminous device engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)
- flashing light with Xenon discharge tube (X version).

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

KEY CHARACTERISTICS

LIGHT EFFECTS

MICROLAMP STEADY: STEADY LIGHT
MICROLAMP STEADY/FLASHING and LED: STEADY/FLASHING LIGHT
MICROLAMP X: XENON FLASHING LIGHT

NUMBER OF TONES (for ACOUSTIC versions)

MICROLAMP STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)
MICROLAMP X | 1 (Intermittent Sound)

VOLTAGES

MICROLAMP STEADY: 12/240V ACDC +/-10%
MICROLAMP STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%
MICROLAMP STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%
MICROLAMP LED and ACOUSTIC: 12/24V ACDC, 48V ACDC, 90/240V AC +/-10%
MICROLAMP X and ACOUSTIC: 12/24V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP54 | ACOUSTIC: IP30

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

PC/ABS base, polycarbonate dome. Screw mounting (screws not included)

OPTICAL FEATURES

5W Incandescent lamp with Ba 15d socket
SMD LED technology: flashing effect (triple-flash 3F)
Xenon discharge tube : 1J single flash (1F)

ACOUSTIC FEATURES

MICROLAMP STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 130 (with flashing light). Frequency: 2700Hz
MICROLAMP LED: continuous sound (with steady light) or intermittent sound F/m 180 (with flashing light). Frequency: 3200Hz
MICROLAMP X: intermittent sound F/m 65. Frequency: 3000+/-500Hz
ACOUSTIC versions with integrated piezoelectrical unit

CERTIFICATIONS



ACCESSORIES

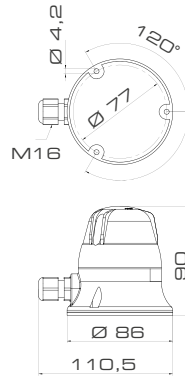


P BASE
(M12 single bolt
fixing base)

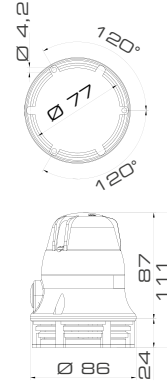


E BASE
(Edison screw base)

DRAWINGS, DIMENSIONS AND WEIGHTS



MICROLAMP
0,12 kg



MICROLAMP ACOUSTIC
0,19 kg

MICROLAMP STEADY* - Steady light with incandescent bulb

| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/240V ACDC | 79781 | 79701 | 79782 | 79702 | 79783 | 79703 | 79784 | 79704 | 79785 | 79705 | 79786 | 79706 |

*Supplied without bulb

MICROLAMP STEADY/FLASHING* - Steady/flashing light with incandescent bulb

| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/48V DC | 79601 | 79621 | 79602 | 79622 | 79603 | 79623 | 79604 | 79624 | 79605 | 79625 | 79606 | 79626 |
| 24/240V AC | 79611 | 79631 | 79612 | 79632 | 79613 | 79633 | 79614 | 79634 | 79615 | 79635 | 79616 | 79636 |

*Supplied without bulb

ACOUSTIC - Steady/flashing light with incandescent bulb + Acoustics

| | | | | | | | | | | | | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12 ACDC | 79721 | 78071 | 79722 | 78072 | 79723 | 78073 | 79724 | 78074 | 79725 | 78075 | 79726 | 78076 |
| 24 ACDC | 79731 | 78081 | 79732 | 78082 | 79733 | 78083 | 79734 | 78084 | 79735 | 78085 | 79736 | 78086 |
| 48V ACDC | 79741 | 78091 | 79742 | 78092 | 79743 | 78093 | 79744 | 78094 | 79745 | 78095 | 79746 | 78096 |
| 110V AC | 79751 | 78101 | 79752 | 78102 | 79753 | 78103 | 79754 | 78104 | 79755 | 78105 | 79756 | 78106 |
| 240V AC | 79771 | 78121 | 79772 | 78122 | 79773 | 78123 | 79774 | 78124 | 79775 | 78125 | 79776 | 78126 |

*Supplied with bulb

MICROLAMP LED - LED steady/flashing light

| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/24V ACDC | 38601 | 39021 | 38602 | 39022 | 38603 | 39023 | 38604 | 39024 | 38605 | 39025 | 38606 | 39026 |
| 48V ACDC | 38611 | 39031 | 38612 | 39032 | 38613 | 39033 | 38614 | 39034 | 38615 | 39035 | 38616 | 39036 |
| 90/240V AC | 38621 | 39041 | 38622 | 39042 | 38623 | 39043 | 38624 | 39044 | 38625 | 39045 | 38626 | 39046 |

ACOUSTIC - LED steady/flashing light + Acoustics

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/24V ACDC | 38631 | 39051 | 38632 | 39052 | 38633 | 39053 | 38634 | 39054 | 38635 | 39055 | 38636 | 39056 |
| 48V ACDC | 38641 | 39061 | 38642 | 39062 | 38643 | 39063 | 38644 | 39064 | 38645 | 39065 | 38646 | 39066 |
| 90/240V AC | 38651 | 39071 | 38652 | 39072 | 38653 | 39073 | 38654 | 39074 | 38655 | 39075 | 38656 | 39076 |

MICROLAMP X* - Flashing light with Xenon discharge tube

| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/24V ACDC | 64112 | 91600 | 64113 | 91601 | 64114 | 91602 | 64115 | 91603 | 64116 | 91604 | 64117 | 91605 |
| 110V AC | 64118 | 91612 | 64119 | 91613 | 64120 | 91614 | 64128 | 91615 | 64121 | 91616 | 64129 | 91617 |
| 240V AC | 64122 | 91618 | 64123 | 91619 | 64124 | 91620 | 64125 | 91621 | 64126 | 91622 | 64127 | 91623 |

*Supplied with bulb

ACOUSTIC - Flashing light with Xenon discharge tube + Acoustics

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 12/24V ACDC | 91660 | 78131 | 91661 | 78132 | 91662 | 78133 | 91663 | 78134 | 91664 | 78135 | 91665 | 78136 |
| 110V AC | 91672 | 78141 | 91673 | 78142 | 91674 | 78143 | 91675 | 78144 | 91676 | 78145 | 91677 | 78146 |
| 240V AC | 91678 | 78151 | 91679 | 78152 | 91680 | 78153 | 91681 | 78154 | 91682 | 78155 | 91683 | 78156 |

*Supplied with bulb

SPARE DOMES

| | | | | | | | | | | | |
|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|
| | 71311 | | 71310 | | 71313 | | 71314 | | 71332 | | 71312 |
|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|

ACCESSORIES

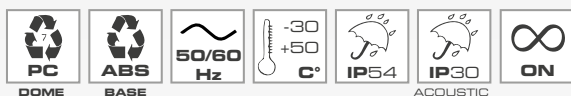
| | GY | BK |
|------------------|-------|-------|
| P BASE MICROLAMP | 83066 | 83068 |
| E BASE MICROLAMP | 83067 | 83069 |



CTL 600



> VERSIONS WITH ACOUSTICS <
> 2 LUMINOUS SOURCES <



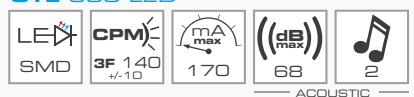
CTL 600 STEADY



CTL 600 STEADY/FLASHING



CTL 600 LED



ALSO AVAILABLE



CTL 600 ACOUSTIC (Acoustic version)

CTL 600

Luminous device, 60mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

KEY CHARACTERISTICS

LIGHT EFFECTS

CTL 600 STEADY: STEADY LIGHT
CTL 600 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT

NUMBER OF TONES (for ACOUSTIC versions)

CTL 600 STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)

VOLTAGES

CTL 600 STEADY: 12/240V ACDC +/-10%
CTL 600 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%
CTL 600 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%
CTL 600 LED and ACOUSTIC: 12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE

IP54 | ACOUSTIC: IP30

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

OPTICAL FEATURES

5W Incandescent lamp with Ba 15d socket
SMD LED technology: flashing effect (triple-flash 3F)

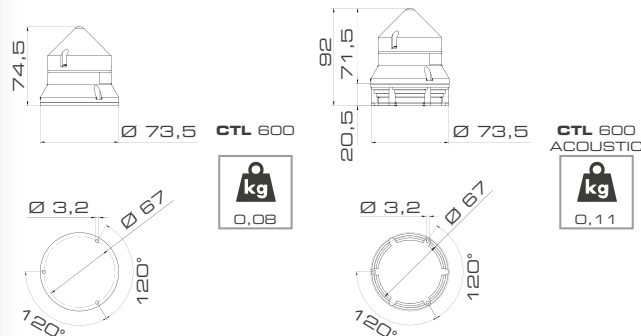
ACOUSTIC FEATURES

CTL 600 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 3600Hz

CTL 600 LED: continuous sound (with steady light) or intermittent sound F/m 180 (with flashing light). Frequency: 3200Hz

ACOUSTIC versions with integrated piezoelectrical unit

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

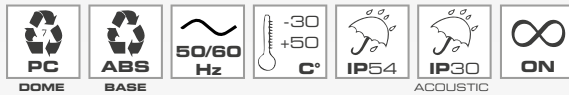




CTL 900



> **VERSIONS WITH ACOUSTICS** <
> **3 LUMINOUS SOURCES** <



CTL 900 STEADY

CLASS 2 SELF EXTINGUISHING

Ba 15d mA max 830

CTL 900 STEADY/FLASHING

Ba 15d FPM 110 +/-20 mA max 850 (dB max) 72 2

ACOUSTIC

CTL 900 LED

LED SMD CPM 3F 140 +/-10 mA max 320 (dB max) 72 2

ACOUSTIC

CTL 900 X

X XENON -10/+40 °C FPM 1F 65 +/-10 mA max 300 (dB max) 72 1

ACOUSTIC

ALSO AVAILABLE



CTL 900 ACOUSTIC
(Acoustic version)

CTL 900

Luminous device, 90mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)
- flashing light with Xenon discharge tube (X version).

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

KEY CHARACTERISTICS

LIGHT EFFECTS

CTL 900 STEADY: STEADY LIGHT

CTL 900 STEADY/FLASHING and **LED:** STEADY/FLASHING LIGHT

CTL 900 X: XENON FLASHING LIGHT

NUMBER OF TONES (for ACOUSTIC versions)

CTL 900 STEADY/FLASHING and **LED** | 2 (Continuous and Intermittent Sound)

CTL 900 X | 1 (Intermittent Sound)

VOLTAGES

CTL 900 STEADY: 12/240V ACDC +/-10%

CTL 900 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%

CTL 900 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%

CTL 900 LED and **ACOUSTIC:** 12/24V ACDC, 90/240V AC +/-10%

CTL 900 X and **ACOUSTIC:** 12/24V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP54 | **ACOUSTIC:** IP30

OPERATING TEMPERATURE

-30/+50 °C | **X:** -10/+40 °C

MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

OPTICAL FEATURES

10W Incandescent lamp with Ba 15d socket

SMD LED technology: flashing effect (triple-flash 3F)

Xenon discharge tube: 1J single flash (1F)

ACOUSTIC FEATURES

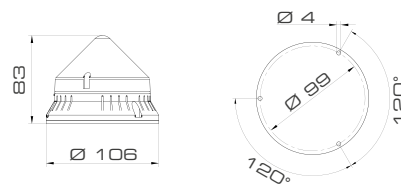
CTL 900 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 2700Hz

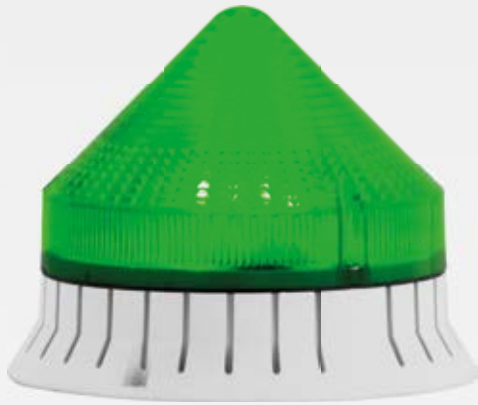
CTL 900 LED: continuous sound (with steady light) or intermittent sound F/m 160 (with flashing light). Frequency: 2700Hz

CTL 900 X: intermittent sound F/m 65. Frequency: 3800Hz

ACOUSTIC versions with integrated piezoelectrical unit

DRAWINGS, DIMENSIONS AND WEIGHTS

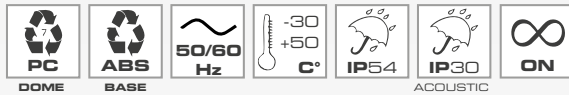




CTL 1200



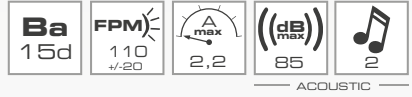
> VERSIONS WITH ACOUSTICS <
> 3 LUMINOUS SOURCES <



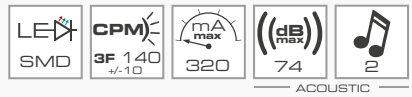
CTL 1200 STEADY



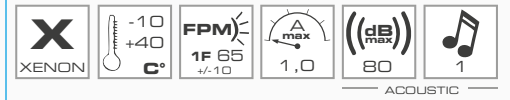
CTL 1200 STEADY/FLASHING



CTL 1200 LED



CTL 1200 X



ALSO AVAILABLE



CTL 1200 ACOUSTIC
(Acoustic version)

CTL 1200

Luminous device, 120mm diameter, engineered for industrial applications on machinery.

Available with different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED version)
- flashing light with Xenon discharge tube (X version).

The device is also available with integrated acoustic signaling (ACOUSTIC versions).

KEY CHARACTERISTICS

LIGHT EFFECTS

CTL 1200 STEADY: STEADY LIGHT
CTL 1200 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT
CTL 1200 X: XENON FLASHING LIGHT

NUMBER OF TONES (for ACOUSTIC versions)

CTL 1200 STEADY/FLASHING and LED | 2 (Continuous and Intermittent Sound)
CTL 1200 X | 1 (Intermittent Sound)

VOLTAGES

CTL 1200 STEADY: 12/240V ACDC +/-10%
CTL 1200 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%
CTL 1200 STEADY/FLASHING ACOUSTIC: 12V ACDC, 24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%
CTL 1200 LED and ACOUSTIC: 12/24V ACDC, 90/240V AC +/-10%
CTL 1200 X and ACOUSTIC: 12/24V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP54 | ACOUSTIC: IP30

OPERATING TEMPERATURE

-30/+50 °C | X: -10/+40 °C

MECHANICAL FEATURES

ABS base, polycarbonate dome. Screw mounting (screws not included)

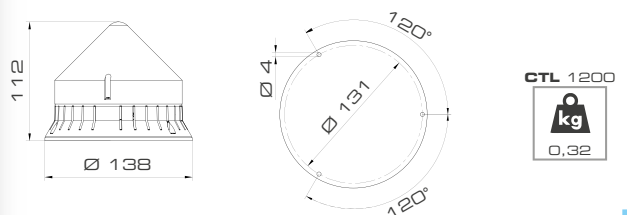
OPTICAL FEATURES

25W Incandescent lamp with Ba 15d socket
SMD LED technology: flashing effect (triple-flash 3F)
Xenon discharge tube: Powerful 6J single flash (1F)

ACOUSTIC FEATURES

CTL 1200 STEADY/FLASHING: continuous sound (with steady light) or intermittent sound F/m 110 (with flashing light). Frequency: 3600Hz
CTL 1200 LED: continuous sound (with steady light) or intermittent sound F/m 160 (with flashing light). Frequency: 2700Hz
CTL 1200 X: intermittent sound F/m 65. Frequency: 3700Hz
ACOUSTIC versions with integrated piezoelectrical unit







DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS









CTL STEADY* - Steady light with incandescent bulb

| | | |  |  |  |  |  |  | | | | | | |
|-------------|--------------|-------|--|--|--|--|--|--|-------|-------|-------|-------|-------|----|
| | | | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 600 | 12/240V ACDC | 33831 | 33861 | 33832 | 33862 | 33833 | 33863 | 33834 | 33864 | 33835 | 33865 | 33836 | 33866 | |
| 900 | 12/240V ACDC | 33841 | 33871 | 33842 | 33872 | 33843 | 33873 | 33844 | 33874 | 33845 | 33875 | 33846 | 33876 | |
| 1200 | 12/240V ACDC | 33851 | 33881 | 33852 | 33882 | 33853 | 33883 | 33854 | 33884 | 33855 | 33885 | 33856 | 33886 | |

*Supplied without bulb

CTL STEADY/FLASHING* - Steady/flashing light with incandescent bulb

| | | |  |  |  |  |  |  | | | | | | |
|-------------|------------|-------|---|---|---|---|---|---|-------|-------|-------|-------|-------|----|
| | | | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 600 | 12/48V DC | 33521 | 33541 | 33522 | 33542 | 33523 | 33543 | 33524 | 33544 | 33525 | 33545 | 33526 | 33546 | |
| | 24/240V AC | 33531 | 33551 | 33532 | 33552 | 33533 | 33553 | 33534 | 33554 | 33535 | 33555 | 33536 | 33556 | |
| 900 | 12/48V DC | 33561 | 33581 | 33562 | 33582 | 33563 | 33583 | 33564 | 33584 | 33565 | 33585 | 33566 | 33586 | |
| | 24/240V AC | 33571 | 33591 | 33572 | 33592 | 33573 | 33593 | 33574 | 33594 | 33575 | 33595 | 33576 | 33596 | |
| 1200 | 12/48V DC | 33601 | 33621 | 33602 | 33622 | 33603 | 33623 | 33604 | 33624 | 33605 | 33625 | 33606 | 33626 | |
| | 24/240V AC | 33611 | 33631 | 33612 | 33632 | 33613 | 33633 | 33614 | 33634 | 33615 | 33635 | 33616 | 33636 | |


*Supplied without bulb

ACOUSTIC - Steady/flashing light with incandescent bulb + Acoustics

| | | | | | | | | | | | | | |
|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 600 | 12 ACDC | 33651 | 78191 | 33652 | 78192 | 33653 | 78193 | 33654 | 78194 | 33655 | 78195 | 33656 | 78196 |
| | 24 ACDC | 33661 | 78201 | 33662 | 78202 | 33663 | 78203 | 33664 | 78204 | 33665 | 78205 | 33666 | 78206 |
| | 48V ACDC | 33671 | 78211 | 33672 | 78212 | 33673 | 78213 | 33674 | 78214 | 33675 | 78215 | 33676 | 78216 |
| | 110V AC | 33681 | 78221 | 33682 | 78222 | 33683 | 78223 | 33684 | 78224 | 33685 | 78225 | 33686 | 78226 |
| | 240V AC | 33701 | 78241 | 33702 | 78242 | 33703 | 78243 | 33704 | 78244 | 33705 | 78245 | 33706 | 78246 |
| 900 | 12 ACDC | 33711 | 78251 | 33712 | 78252 | 33713 | 78253 | 33714 | 78254 | 33715 | 78255 | 33716 | 78256 |
| | 24 ACDC | 33721 | 78261 | 33722 | 78262 | 33723 | 78263 | 33724 | 78264 | 33725 | 78265 | 33726 | 78266 |
| | 48V ACDC | 33731 | 78271 | 33732 | 78272 | 33733 | 78273 | 33734 | 78274 | 33735 | 78275 | 33736 | 78276 |
| | 110V AC | 33741 | 78281 | 33742 | 78282 | 33743 | 78283 | 33744 | 78284 | 33745 | 78285 | 33746 | 78286 |
| | 240V AC | 33761 | 78301 | 33762 | 78302 | 33763 | 78303 | 33764 | 78304 | 33765 | 78305 | 33766 | 78306 |
| 1200 | 12 ACDC | 33771 | 78311 | 33772 | 78312 | 33773 | 78313 | 33774 | 78314 | 33775 | 78315 | 33776 | 78316 |
| | 24 ACDC | 33781 | 78321 | 33782 | 78322 | 33783 | 78323 | 33784 | 78324 | 33785 | 78325 | 33786 | 78326 |
| | 48V ACDC | 33791 | 78331 | 33792 | 78332 | 33793 | 78333 | 33794 | 78334 | 33795 | 78335 | 33796 | 78336 |
| | 110V AC | 33801 | 78341 | 33802 | 78342 | 33803 | 78343 | 33804 | 78344 | 33805 | 78345 | 33806 | 78346 |
| | 240V AC | 33821 | 78361 | 33822 | 78362 | 33823 | 78363 | 33824 | 78364 | 33825 | 78365 | 33826 | 78366 |

*Supplied with bulb







CTL LED - LED steady/flashing light

| | | |  |  |  |  |  |  | | | | | | |
|-------------|-------------|-------|---|---|---|---|---|---|-------|-------|-------|-------|-------|----|
| | | | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 600 | 12/24V ACDC | 38661 | 38901 | 38662 | 38902 | 38663 | 38903 | 38664 | 38904 | 38665 | 38905 | 38666 | 38906 | |
| | 90/240V AC | 38671 | 38911 | 38672 | 38912 | 38673 | 38913 | 38674 | 38914 | 38675 | 38915 | 38676 | 38916 | |
| 900 | 12/24V ACDC | 38701 | 38921 | 38702 | 38922 | 38703 | 38923 | 38704 | 38924 | 38705 | 38925 | 38706 | 38926 | |
| | 90/240V AC | 38711 | 38931 | 38712 | 38932 | 38713 | 38933 | 38714 | 38934 | 38715 | 38935 | 38716 | 38936 | |
| 1200 | 12/24V ACDC | 38741 | 38941 | 38742 | 38942 | 38743 | 38943 | 38744 | 38944 | 38745 | 38945 | 38746 | 38946 | |
| | 90/240V AC | 38751 | 38951 | 38752 | 38952 | 38753 | 38953 | 38754 | 38954 | 38755 | 38955 | 38756 | 38956 | |

ACOUSTIC - LED steady/flashing light + Acoustics

| | | | | | | | | | | | | | |
|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 600 | 12/24V ACDC | 38681 | 38961 | 38682 | 38962 | 38683 | 38963 | 38684 | 38964 | 38685 | 38965 | 38686 | 38966 |
| | 90/240V AC | 38691 | 38971 | 38692 | 38972 | 38693 | 38973 | 38694 | 38974 | 38695 | 38975 | 38696 | 38976 |
| 900 | 12/24V ACDC | 38721 | 38981 | 38722 | 38982 | 38723 | 38983 | 38724 | 38984 | 38725 | 38985 | 38726 | 38986 |
| | 90/240V AC | 38731 | 38991 | 38732 | 38992 | 38733 | 38993 | 38734 | 38994 | 38735 | 38995 | 38736 | 38996 |
| 1200 | 12/24V ACDC | 38761 | 39001 | 38762 | 39002 | 38763 | 39003 | 38764 | 39004 | 38765 | 39005 | 38766 | 39006 |
| | 90/240V AC | 38771 | 39011 | 38772 | 39012 | 38773 | 39013 | 38774 | 39014 | 38775 | 39015 | 38776 | 39016 |

CTL X* - Flashing light with Xenon discharge tube

| | | |  |  |  |  |  |  | | | | | | |
|-------------|-------------|-------|---|---|---|---|---|---|-------|-------|-------|-------|-------|----|
| | | | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 900 | 12/24V ACDC | 64442 | 27560 | 64443 | 27561 | 64444 | 27562 | 64445 | 27563 | 64446 | 27564 | 64447 | 27565 | |
| | 110V AC | 64448 | 27073 | 64449 | 27074 | 64450 | 27075 | 64451 | 27076 | 64452 | 27077 | 64453 | 27078 | |
| | 240V AC | 64454 | 27079 | 64455 | 27080 | 64456 | 27081 | 64457 | 27082 | 64458 | 27083 | 64459 | 27084 | |
| 1200 | 12/24V ACDC | 64524 | 27384 | 64525 | 27385 | 64526 | 27386 | 64527 | 27387 | 64528 | 27388 | 64529 | 27389 | |
| | 110V AC | 64530 | 27390 | 64531 | 27391 | 64532 | 27392 | 64533 | 27393 | 64534 | 27394 | 64535 | 27395 | |
| | 240V AC | 64536 | 27396 | 64537 | 27397 | 64538 | 27398 | 64539 | 27399 | 64540 | 27400 | 64541 | 27401 | |







*Supplied with bulb

ACOUSTIC - Flashing light with Xenon discharge tube + Acoustics

| | | | | | | | | | | | | | |
|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 900 | 12/24V ACDC | 27566 | 78371 | 27567 | 78372 | 27568 | 78373 | 27569 | 78374 | 27570 | 78375 | 27571 | 78376 |
| | 110V AC | 27133 | 78381 | 27134 | 78382 | 27135 | 78383 | 27136 | 78384 | 27137 | 78385 | 27138 | 78386 |
| | 240V AC | 27139 | 78391 | 27140 | 78392 | 27141 | 78393 | 27142 | 78394 | 27143 | 78395 | 27144 | 78396 |
| 1200 | 12/24V ACDC | 27480 | 78511 | 27481 | 78512 | 27482 | 78513 | 27483 | 78514 | 27484 | 78515 | 27485 | 78516 |
| | 110V AC | 27486 | 78521 | 27487 | 78522 | 27488 | 78523 | 27489 | 78524 | 27490 | 78525 | 27491 | 78526 |
| | 240V AC | 27492 | 78531 | 27493 | 78532 | 27494 | 78533 | 27495 | 78534 | 27496 | 78535 | 27497 | 78536 |

*Supplied with bulb

SPARE DOMES

| | | | | | | | | | | | | |
|-------------|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|
| 600 | | 71190 | | 71191 | | 71192 | | 71193 | | 71194 | | 71195 |
| 900 |  | 71196 |  | 71197 |  | 71198 |  | 71199 |  | 71200 |  | 71201 |
| 1200 | | 71090 | | 71091 | | 71092 | | 71093 | | 71094 | | 71095 |



OVOLUX R



> 3 BASES <
> 3 LUMINOUS SOURCES <



OVOLUX STEADY

| | | | | |
|--------------------|-----|--------|------------|------------|
| SELF EXTINGUISHING | M16 | Ba 15d | mA max 430 | mA max 830 |
| | | | 5W | 10W |

OVOLUX FLASHING

| | | | |
|--------|---------------|------------|------------|
| Ba 15d | FPM 110 +/-20 | mA max 430 | mA max 830 |
| | | 5W | 10W |

OVOLUX LED

| | | | | |
|---------|---------------|--------------|---------------|------------|
| LED SMD | FPM 120 +/-10 | CPM 90 +/-10 | CPM 140 +/-10 | mA max 180 |
|---------|---------------|--------------|---------------|------------|

OVOLUX X

| | | | |
|---------|------------|-----------------|------------|
| X XENON | -30/+40 °C | CPM 2F 65 +/-10 | mA max 360 |
|---------|------------|-----------------|------------|

ALSO AVAILABLE



OVOLUX M
(with M16
cable gland)



OVOLUX E
(Edison
screw base)

OVOLUX

Luminous devices engineered for industrial applications on machinery.

Three versions available: flush mounting (R), with M16 cable gland (M) or with Edison screw base (E).

Different luminous sources:

- Incandescent lamp with Ba 15d socket (STEADY and STEADY/FLASHING versions)
- latest SMD LED technology (LED versions). Stock reduction due to multifunctionality
- flashing light with Xenon discharge tube (X versions).

KEY CHARACTERISTICS

LIGHT EFFECTS

OVOLUX STEADY: STEADY LIGHT

OVOLUX FLASHING: FLASHING LIGHT

OVOLUX LED: STEADY LIGHT, SINGLE FLASH, DOUBLE FLASH, TRIPLE FLASH

OVOLUX X: XENON FLASHING LIGHT

VOLTAGES

OVOLUX STEADY: 12/240V ACDC +/-10%

OVOLUX FLASHING: 12/48V DC, 24/240V AC +/-10%

OVOLUX LED: 12/24V ACDC, 90/240V AC +/-10%

OVOLUX X: 24V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Polycarbonate dome and base. The R version can be mounted through the locking ring provided. Screw mounting, screws not included (M version) or with the Edison screw base (E version)

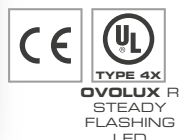
OPTICAL FEATURES

5W or 10W Incandescent lamp with Ba 15d socket (OVOLUX STEADY and FLASHING version)

SMD MULTI LED technology: 4 light effects (steady light, single flash, double flash, triple-flash) selectable via dip-switch

Xenon discharge tube: 2J double flash (2F)

CERTIFICATIONS

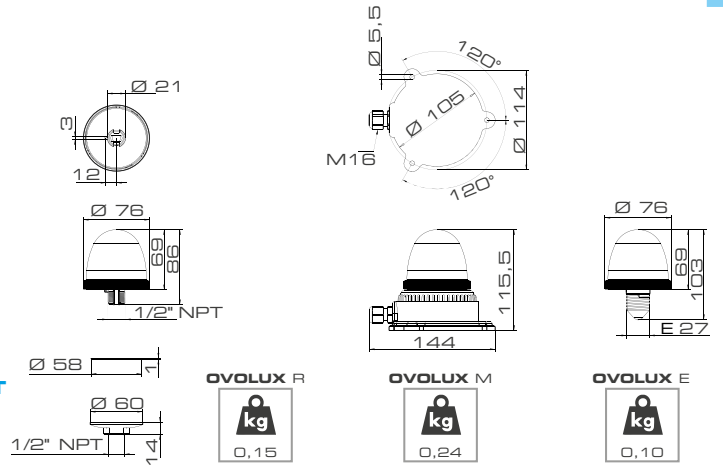


ACCESSORIES

OVOLUX MOUNTING ADAPTER
ADAPTER
(to mount the accessories)



DRAWINGS, DIMENSIONS AND WEIGHTS



OVOLUX STEADY* - Steady light with incandescent bulb

| BASES | GY | | BK | | GY | | BK | | GY | | BK | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| R 12/240V ACDC | 30011 | 30021 | 30012 | 30022 | 30013 | 30023 | 30014 | 30024 | 30015 | 30025 | 30016 | 30026 |
| M 12/240V ACDC | 30031 | 30041 | 30032 | 30042 | 30033 | 30043 | 30034 | 30044 | 30035 | 30045 | 30036 | 30046 |
| E 12/240V ACDC | 31331 | 31341 | 31332 | 31342 | 31333 | 31343 | 31334 | 31344 | 31335 | 31345 | 31336 | 31346 |

*Supplied without bulb

OVOLUX FLASHING* - Flashing light with incandescent bulb

| BASES | GY | | BK | | GY | | BK | | GY | | BK | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| R 12/48V DC | 30051 | 30061 | 30052 | 30062 | 30053 | 30063 | 30054 | 30064 | 30055 | 30065 | 30056 | 30066 |
| 24/240V AC | 30091 | 30101 | 30092 | 30102 | 30093 | 30103 | 30094 | 30104 | 30095 | 30105 | 30096 | 30106 |
| M 12/48V DC | 30071 | 30081 | 30072 | 30082 | 30073 | 30083 | 30074 | 30084 | 30075 | 30085 | 30076 | 30086 |
| 24/240V AC | 30111 | 30121 | 30112 | 30122 | 30113 | 30123 | 30114 | 30124 | 30115 | 30125 | 30116 | 30126 |
| E 12/48V DC | 31421 | 31431 | 31422 | 31432 | 31423 | 31433 | 31424 | 31434 | 31425 | 31435 | 31426 | 31436 |
| 24/240V AC | 31351 | 31361 | 31352 | 31362 | 31353 | 31363 | 31354 | 31364 | 31355 | 31365 | 31356 | 31366 |

*Supplied without bulb

OVOLUX LED - LED multifunctional light

| BASES | GY | | BK | | GY | | BK | | GY | | BK | |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| R 12/24V ACDC | 38781 | 39081 | 38782 | 39082 | 38783 | 39083 | 38784 | 39084 | 38785 | 39085 | 38786 | 39086 |
| 90/240V AC | 38791 | 39091 | 38792 | 39092 | 38793 | 39093 | 38794 | 39094 | 38795 | 39095 | 38796 | 39096 |
| M 12/24V ACDC | 38801 | 39101 | 38802 | 39102 | 38803 | 39103 | 38804 | 39104 | 38805 | 39105 | 38806 | 39106 |
| 90/240V AC | 38811 | 39111 | 38812 | 39112 | 38813 | 39113 | 38814 | 39114 | 38815 | 39115 | 38816 | 39116 |
| E 12/24V ACDC | 38881 | 39121 | 38882 | 39122 | 38883 | 39123 | 38884 | 39124 | 38885 | 39125 | 38886 | 39126 |
| 90/240V AC | 38891 | 39131 | 38892 | 39132 | 38893 | 39133 | 38894 | 39134 | 38895 | 39135 | 38896 | 39136 |

OVOLUX X* - Flashing light with Xenon discharge tube

| BASES | GY | | BK | | GY | | BK | | GY | | BK | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| R 24V ACDC | 30131 | 30141 | 30132 | 30142 | 30133 | 30143 | 30134 | 30144 | 30135 | 30145 | 30136 | 30146 |
| 110V AC | 30171 | 30181 | 30172 | 30182 | 30173 | 30183 | 30174 | 30184 | 30175 | 30185 | 30176 | 30186 |
| 240V AC | 30211 | 30221 | 30212 | 30222 | 30213 | 30223 | 30214 | 30224 | 30215 | 30225 | 30216 | 30226 |
| M 24V ACDC | 30151 | 30161 | 30152 | 30162 | 30153 | 30163 | 30154 | 30164 | 30155 | 30165 | 30156 | 30166 |
| 110V AC | 30191 | 30201 | 30192 | 30202 | 30193 | 30203 | 30194 | 30204 | 30195 | 30205 | 30196 | 30206 |
| 240V AC | 30231 | 30241 | 30232 | 30242 | 30233 | 30243 | 30234 | 30244 | 30235 | 30245 | 30236 | 30246 |
| E 24V ACDC | 31411 | 31441 | 31412 | 31442 | 31413 | 31443 | 31414 | 31444 | 31415 | 31445 | 31416 | 31446 |
| 110V AC | 31371 | 31381 | 31372 | 31382 | 31373 | 31383 | 31374 | 31384 | 31375 | 31385 | 31376 | 31386 |
| 240V AC | 31391 | 31401 | 31392 | 31402 | 31393 | 31403 | 31394 | 31404 | 31395 | 31405 | 31396 | 31406 |

*Supplied with bulb

SPARE DOMES

- 71115
- 71116
- 71117
- 71098
- 71099
- 71100

ACCESSORIES

| | GY | BK | | GY | BK |
|--------------------------------|-------|-------|--------------------------|-------|-------|
| OVOLUX MOUNTING ADAPTER | 27697 | 27698 | DOUBLE WALL MOUNT | 27763 | 27694 |
| WALL MOUNT | 27762 | 27693 | EXTENDED FOOT L10 | 27764 | 27695 |

INDUSTRIAL BEACONS

Industrial Beacons represent the widest range of *ELECTRA* products. The number of products and the different options available (rotating, flashing, Xenon flashing and LED multifunction beacons) allow us to satisfy the most demanding requirements, from use in industrial and civil sectors to installation in heavy duty and naval environments. For these latter two sectors we have developed beacons with aluminium base (Heavy Duty versions) and with watertight stainless steel base (Waterproof versions).

The wide range of accessories allows multiple installation possibilities (pole and wall bases) and higher impact resistance thanks to special protection grids.



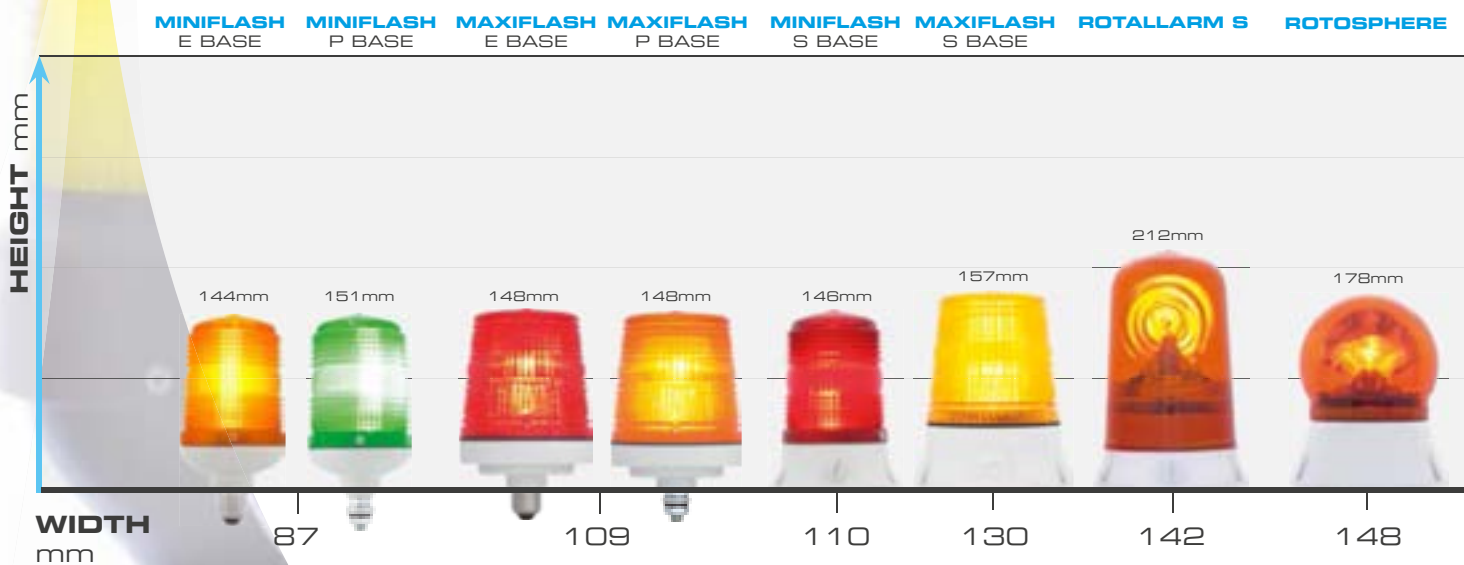


RANGE FEATURES

New types and new versions have been introduced. Sirena has decided to renew the whole range from both a technical and functional point of view and to simplify product identification in order to facilitate the selection by users of the most appropriate product.

To this aim accessories (grids, bases and supports) have been defined to complement each product according to its mechanical characteristics.

The graph shows a comparison of all Industrial Beacons, considering the maximum width of each device.



ELECTRA by Sirena

Signaling benefits from experience, innovation and endless solutions.

Seven product families belong to this range:

- ROTOSPHERE (low consumption halogen rotating beacon)
- ROTALLARM S LED (LED beacon with thermoplastic base), ROTALLARM HD LED (LED beacon with aluminium base), ROTALLARM WP LED (LED beacon with watertight stainless steel base), ROTALLARM S (3 luminous sources with thermoplastic base), ROTALLARM HD (3 luminous sources with aluminium base), ROTALLARM WP (3 luminous sources with watertight stainless steel base)
- MAXIFLASH LED (with FLR and SLR technology), MAXIFLASH (available with 3 mounting bases)
- MINIFLASH (available with 3 mounting bases)
- TYPE 200 (available with 4 luminous sources)
- FAROLAMP LED (new LED version), FAROLAMP X (Xenon flashing beacon with two mounting bases)
- STR (available with two mounting bases and 3 luminous sources).

ROTALLARM HD **STR P BASE** **ROTALLARM WP** **STR S BASE** **TYPE 200** **FAROLAMP P BASE** **FAROLAMP S BASE**

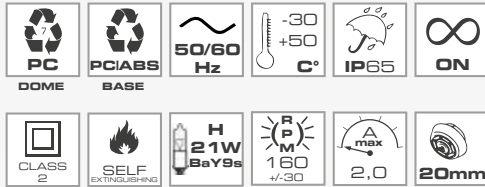




ROTOSPHERE



- > EXCELLENT OPTICAL PERFORMANCE <
- > LOW CONSUMPTION <
- > ULTRA SILENT <



ACCESSORIES



WALL BASE

ROTOSPHERE* | PART NO

| | Blue | Orange | Red | Green | Yellow | White |
|---------------------|------------------|--------|-------|-------|--------|-------|
| 12V ACDC | | | | | | |
| | 26201 | 26202 | 26203 | 26204 | 26205 | 26206 |
| 24V ACDC | | | | | | |
| | 26431 | 26432 | 26433 | 26434 | 26435 | 26436 |
| GY | | | | | | |
| 120V AC | | | | | | |
| | 26221 | 26222 | 26223 | 26224 | 26225 | 26226 |
| 240V AC | | | | | | |
| | 26451 | 26452 | 26453 | 26454 | 26455 | 26456 |
| 12V ACDC | | | | | | |
| | 26211 | 26212 | 26213 | 26214 | 26215 | 26216 |
| 24V ACDC | | | | | | |
| | 26441 | 26442 | 26443 | 26444 | 26445 | 26446 |
| BK | | | | | | |
| 120V AC | | | | | | |
| | 26231 | 26232 | 26233 | 26234 | 26235 | 26236 |
| 240V AC | | | | | | |
| | 26461 | 26462 | 26463 | 26464 | 26465 | 26466 |
| *Supplied with bulb | | | | | | |
| SPARE DOMES | | | | | | |
| | 75090 | 75091 | 75092 | 75093 | 75094 | 75095 |
| GY | WALL BASE | | | 72692 | | |
| BK | WALL BASE | | | 71872 | | |

ROTOSPHERE new

Rotating beacon engineered for industrial and civil applications. It's unique shape and structure guarantee the best durability of the product.

Developed with ultra silent drive belt technology and halogen light source allowing high optical performance as well as low power consumption.

KEY CHARACTERISTICS

LIGHT EFFECTS
ROTATING LIGHT

VOLTAGES
12V ACDC, 24V ACDC, 120V AC, 240V AC
+/-10%

PROTECTION GRADE
IP65

OPERATING TEMPERATURE
-30/+50 °C

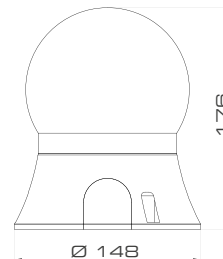
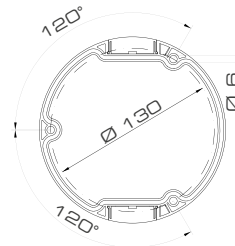
MECHANICAL FEATURES

Polycarbonate dome with high impact resistance
Self-extinguishing PC/ABS base provided with membrane cable gland. Possibility of a second cable gland for serial installation (not supplied)
Screw mounting, screws not included
Ultra silent drive belt technology
Rotation through ball bearing

OPTICAL FEATURES

Metallized polycarbonate reflector with H21W halogen light source (BaY9s socket)

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS



ROTALLARM S LED

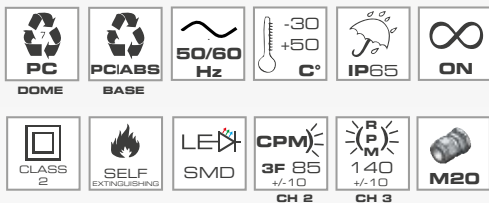
SIRENA ELECTRA



ROTALLARM S LED



> **VIBRATION-PROOF** <
> **MULTIFUNCTIONAL** <



ACCESSORIES



GRID for P BASE



P BASE
Base for pole mounted installations (Ø 48,5) with 2 retaining dowels. Recommended for use with black base product.



WALL BASE

ROTALLARM S LED | PART NO

| | Blue | Orange | Red | Green | Yellow | White |
|--------------------|-----------------------------------|--------|-------|-------|--------|-------|
| GY | 12/24V ACDC | | | | | |
| | 90061 | 90062 | 90063 | 90064 | 90065 | 90066 |
| BK | 90/240V AC | | | | | |
| | 90081 | 90082 | 90083 | 90084 | 90085 | 90086 |
| BK | 12/24V ACDC | | | | | |
| | 90071 | 90072 | 90073 | 90074 | 90075 | 90076 |
| GY | 90/240V AC | | | | | |
| | 90091 | 90092 | 90093 | 90094 | 90095 | 90096 |
| SPARE DOMES | | | | | | |
| | 71301 | 71300 | 71303 | 71304 | 71330 | 71302 |
| BK | P BASE for ROTALLARM S LED | | | | | 83005 |
| STL | GRID for P BASE | | | | | 90883 |
| GY | WALL BASE | | | | | 72692 |
| BK | WALL BASE | | | | | 71872 |

ROTALLARM S LED new

ROTALLARM S LED is the latest addition to the most successful rotating beacon in Sirena's history.

With a powerful multitension and multifunctional SMD LED electronic circuit, ROTALLARM S LED offers outstanding performances together with high life expectancy as well as 3 light effects.

With its IP65 rating, ROTALLARM S LED is the most advanced Rotallarm ever.

KEY CHARACTERISTICS

LIGHT EFFECTS
STEADY LIGHT
ROTATING LIGHT
FLASHING LIGHT

VOLTAGES
12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE
IP65

OPERATING TEMPERATURE
-30/+50 °C

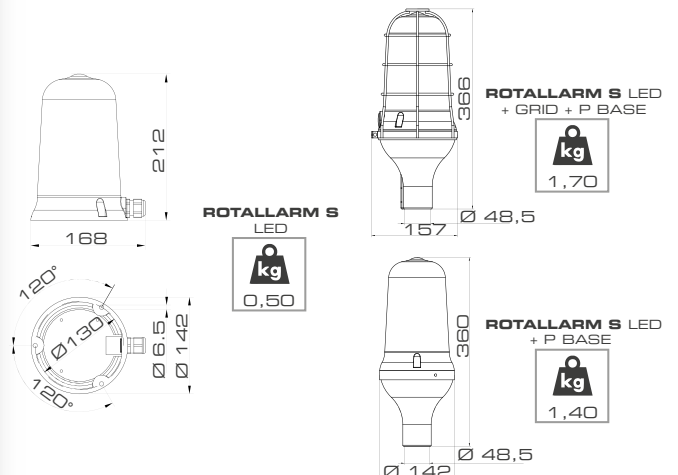
MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
PC/ABS base
Screw mounting, screws not included
No moving parts
Polyurethane gasket on base
M20 cable gland supplied

OPTICAL FEATURES

32x 5050 Bright LEDs

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

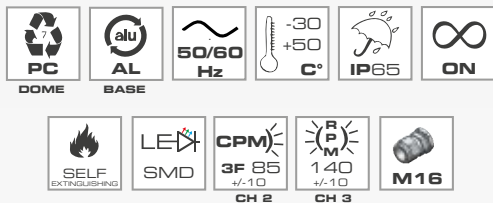




ROTALLARM HD LED



> HEAVY DUTY ALUMINIUM BASE <
> MULTIFUNCTIONAL <



ACCESSORIES



GRID



WALL SUPPORT

ROTALLARM HD LED | PART NO



12/24V ACDC
90181 90182 90183 90184 90185 90186
90/240V AC
90191 90192 90193 90194 90195 90196

SPARE DOMES
71301 71300 71303 71304 71330 71302

STL **GRID** for HD versions 71690
BK **WALL SUPPORT** 71818

ROTALLARM HD LED new

ROTALLARM HD LED is the latest addition to the most successful rotating beacon in Sirena's history, developed with heavy duty aluminium base.

With a powerful multitension and multifunctional SMD LED electronic circuit, ROTALLARM HD LED offers outstanding performances together with high life expectancy as well as 3 light effects.

With its IP65 rating, ROTALLARM HD LED is the most advanced Rotallarm ever.

KEY CHARACTERISTICS

LIGHT EFFECTS
STEADY LIGHT
ROTATING LIGHT
FLASHING LIGHT

VOLTAGES
12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE
IP65

OPERATING TEMPERATURE
-30/+50 °C

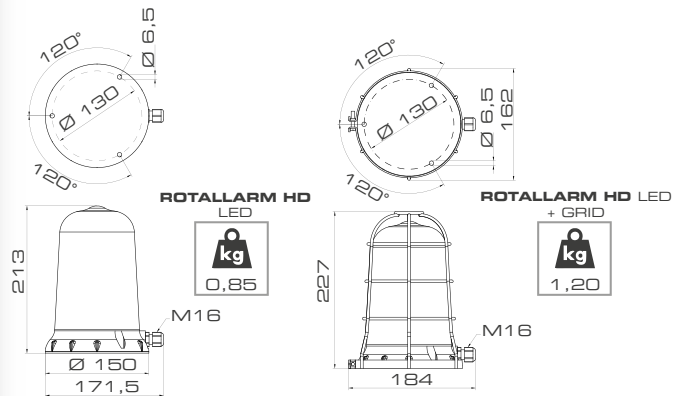
MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
Aluminium base with M16 cable gland
Screw mounting, screws not included
No moving parts
Polyurethane gasket on base

OPTICAL FEATURES

32x 5050 Bright LEDs

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





ROTALLARM WP LED



> WATERTIGHT STAINLESS STEEL BASE <
> MULTIFUNCTIONAL <
> HIGH IP GRADE <

| | | | | | |
|-----------------------|-----------------------------|-------------------------------|-----------------------------|------|----|
| PC DOME | AISI 316 INOX BASE | 50/60 Hz | -30 +50 C° | IP67 | ON |
| SELF EXTINGUISHING | LED SMD | CPM 3F 85 ±1.10 CH 2 | RPM 140 ±1.10 CH 3 | | |

ROTALLARM WP LED | PART NO

| | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|
| | | | | | | |
| 12/24V ACDC | 90221 | 90222 | 90223 | 90224 | 90225 | 90226 |
| 90/240V AC | 90231 | 90232 | 90233 | 90234 | 90235 | 90236 |

ROTALLARM WP LED **new**

ROTALLARM WP LED is the latest addition to the most successful rotating beacon in Sirena's history, developed with watertight stainless steel threaded mount base.

With a powerful multitension and multifunctional SMD LED electronic circuit, ROTALLARM WP LED offers outstanding performances together with high life expectancy as well as 3 light effects.

With its IP67 rating, ROTALLARM WP LED guarantees watertightness of the beacon.

KEY CHARACTERISTICS

LIGHT EFFECTS
STEADY LIGHT
ROTATING LIGHT
FLASHING LIGHT

VOLTAGES
12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE
IP67

OPERATING TEMPERATURE
-30/+50 °C

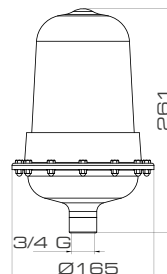
MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
Stainless steel base, 3/4"G threaded mount
No moving parts

OPTICAL FEATURES

32x 5050 Bright LEDs

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

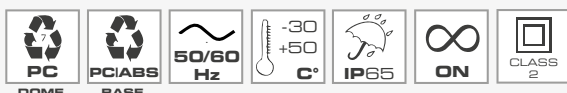




ROTALLARM S



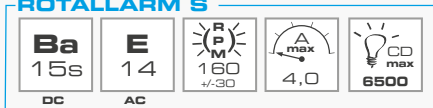
> 3 LUMINOUS SOURCES <
> EXCELLENT OPTICAL PERFORMANCE <



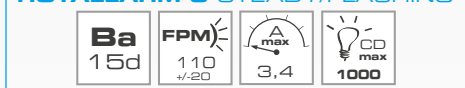
ROTALLARM S H1



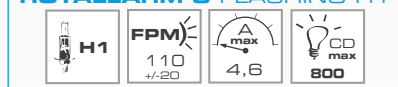
ROTALLARM S



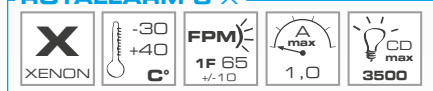
ROTALLARM S STEADY/FLASHING



ROTALLARM S FLASHING H1



ROTALLARM S X



ALSO AVAILABLE



**ROTALLARM S
STEADY/FLASHING
ROTALLARM S X**

ROTALLARM S

The most successful rotating beacon in Sirena's history, engineered for industrial applications.

Available with 3 luminous sources ROTALLARM S offers versatility as well as a complete range of products.

KEY CHARACTERISTICS

LIGHT EFFECTS

ROTALLARM S and **ROTALLARM S H1**: ROTATING LIGHT

ROTALLARM S STEADY/FLASHING: STEADY/FLASHING LIGHT

ROTALLARM S FLASHING H1: FLASHING LIGHT

ROTALLARM S X: XENON FLASHING LIGHT

VOLTAGES

ROTALLARM S: 12V ACDC, 24V ACDC, 48V DC, 48V AC, 110V AC and 240V AC +/-10%

ROTALLARM S H1: 12V ACDC, 24V ACDC +/-10%

ROTALLARM S STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%

ROTALLARM S FLASHING H1: 12V ACDC, 24V ACDC +/-10%

ROTALLARM S X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome

Self-extinguishing PC/ABS base with M20 cable gland
Screw mounting, screws not included

Parallel axis gear drive (rotating version ROTALLARM S and ROTALLARM S H1)

OPTICAL FEATURES

ROTALLARM S: anodized aluminium reflector with BA 15s 45W bulb (for 12V ACDC, 24V ACDC, 48V DC versions) or E14 25W bulb (for 48V AC, 110V AC and 240V AC versions)

ROTALLARM S H1: anodized aluminium reflector with H1 55W (12V) or 70W (24V) halogen bulb

ROTALLARM S STEADY/FLASHING: 40W Incandescent lamp with Ba 15d socket

ROTALLARM S FLASHING H1: H1 55W (12V) or 70W (24V) halogen bulb

ROTALLARM S X: Xenon discharge tube 6J, allows a high intensity single flash (1F)

CERTIFICATIONS



ACCESSORIES



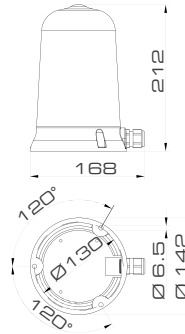
P BASE
Base for pole mounted installations (Ø 48,5) with 2 retaining dowels Recommended for use with black base product

GRID for P BASE

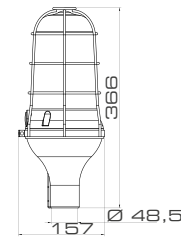


WALL BASE

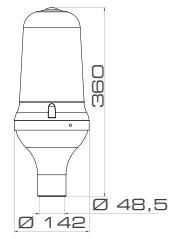
DRAWINGS, DIMENSIONS AND WEIGHTS



ROTALLARM S



ROTALLARM S + GRID + P BASE



ROTALLARM S + P BASE



ROTALLARM S* - Rotating beacon with incandescent bulb

| | Blue | | Orange | | Red | | Green | | Yellow | | Grey | |
|----------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12V ACDC | 63001 | 82002 | 63002 | 82001 | 63003 | 82004 | 63004 | 82005 | 63005 | 82095 | 63006 | 82003 |
| 24V ACDC | 63013 | 82012 | 63014 | 82011 | 63015 | 82014 | 63016 | 82015 | 63017 | 82097 | 63018 | 82013 |
| 48V DC | 63025 | 82083 | 63026 | 82080 | 63027 | 82081 | 63028 | 82074 | 63029 | 82082 | 63030 | 82084 |
| 48V AC | 63031 | 82078 | 63032 | 82076 | 63033 | 82075 | 63034 | 82046 | 63035 | 82077 | 63036 | 82034 |
| 110V AC | 63037 | 82027 | 63038 | 82026 | 63039 | 82029 | 63040 | 82030 | 63041 | 82098 | 63042 | 82028 |
| 240V AC | 63049 | 82042 | 63050 | 82041 | 63051 | 82044 | 63052 | 82045 | 63053 | 82035 | 63054 | 82043 |

*Supplied with bulb

ROTALLARM S H1* - Rotating beacon with halogen bulb

| | Blue | | Orange | | Red | | Green | | Yellow | | Grey | |
|----------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12V ACDC | 63055 | 82051 | 63056 | 82050 | 63057 | 82053 | 63058 | 82054 | 63059 | 82092 | 63060 | 82056 |
| 24V ACDC | 63066 | 82061 | 63067 | 82060 | 63068 | 82063 | 63069 | 82064 | 63070 | 82093 | 63071 | 82062 |

*Supplied with bulb

ROTALLARM S STEADY/FLASHING* - Steady/flashing light with incandescent bulb

| | Blue | | Orange | | Red | | Green | | Yellow | | Grey | |
|------------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12/48V DC | 89451 | 89471 | 89452 | 89472 | 89453 | 89473 | 89454 | 89474 | 89455 | 89475 | 89456 | 89476 |
| 24/240V AC | 89461 | 89481 | 89462 | 89482 | 89463 | 89483 | 89464 | 89484 | 89465 | 89485 | 89466 | 89486 |

*Supplied without bulb

ROTALLARM S FLASHING H1* - Flashing light with halogen bulb

| | Blue | | Orange | | Red | | Green | | Yellow | | Grey | |
|----------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12V ACDC | 82401 | 80051 | 82402 | 80050 | 82403 | 80053 | 82404 | 80054 | 82405 | 80094 | 82406 | 80052 |
| 24V ACDC | 82421 | 80061 | 82422 | 80060 | 82423 | 80063 | 82424 | 80064 | 82425 | 80093 | 82426 | 80062 |

*Supplied with bulb

ROTALLARM S X* - Flashing light with Xenon discharge tube

| | Blue | | Orange | | Red | | Green | | Yellow | | Grey | |
|-------------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12/24V ACDC | 85411 | 85471 | 85412 | 85472 | 85413 | 85473 | 85414 | 85474 | 85415 | 85475 | 85416 | 85476 |
| 110V AC | 85421 | 85481 | 85422 | 85482 | 85423 | 85483 | 85424 | 85484 | 85425 | 85485 | 85426 | 85486 |
| 240V AC | 85431 | 85491 | 85432 | 85492 | 85433 | 85493 | 85434 | 85494 | 85435 | 85495 | 85436 | 85496 |

*Supplied with bulb

SPARE DOMES ROTALLARM S and H1

Internally smooth ■ 71306 ■ 71305 ■ 71308 ■ 71309 ■ 71331 ■ 71307

SPARE DOMES ROTALLARM S STEADY/FLASHING and X

Internally fluted ■ 71301 ■ 71300 ■ 71303 ■ 71304 ■ 71330 ■ 71302

ACCESSORIES

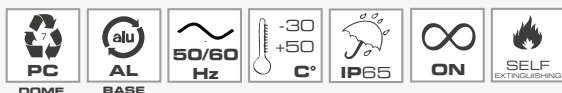
| | STL | GY | BK |
|-------------------------------|-------|-------|-------|
| P BASE for ROTALLARM S | | | 83005 |
| GRID for P BASE | 90883 | | |
| WALL BASE | | 72692 | 71872 |



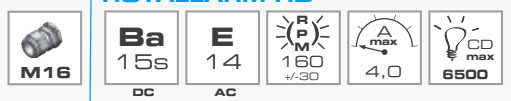
ROTALLARM HD



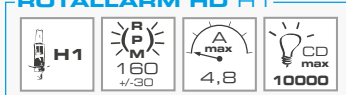
- > HEAVY DUTY ALUMINIUM BASE <
- > 3 LUMINOUS SOURCES <
- > EXCELLENT OPTICAL PERFORMANCE <



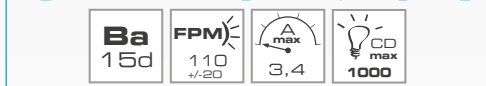
ROTALLARM HD



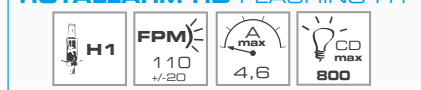
ROTALLARM HD H1



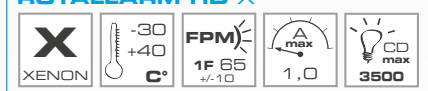
ROTALLARM HD STEADY/FLASHING



ROTALLARM HD FLASHING H1



ROTALLARM HD X



ALSO AVAILABLE



ROTALLARM HD STEADY/FLASHING
ROTALLARM HD X

ROTALLARM HD

The most successful rotating beacon in Sirena's history, engineered for industrial applications developed with heavy duty aluminium base.

Available with 3 luminous sources ROTALLARM HD offers versatility as well as a complete range of products.

KEY CHARACTERISTICS

LIGHT EFFECTS

- ROTALLARM HD and ROTALLARM HD H1: ROTATING LIGHT
- ROTALLARM HD STEADY/FLASHING: STEADY/FLASHING LIGHT
- ROTALLARM HD FLASHING H1: FLASHING LIGHT
- ROTALLARM HD X: XENON FLASHING LIGHT

VOLTAGES

- ROTALLARM HD: 12V ACDC, 24V ACDC, 48V DC, 48V AC, 110V AC and 240V AC +/-10%
- ROTALLARM HD H1: 12V ACDC, 24V ACDC +/-10%
- ROTALLARM HD STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%
- ROTALLARM HD FLASHING H1: 12V ACDC, 24V ACDC +/-10%
- ROTALLARM HD X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

- Self-extinguishing high impact resistance PC dome
- Aluminium base with M16 cable gland
- Screw mounting, screws not included
- Parallel axis gear drive (rotating version ROTALLARM HD and ROTALLARM HD H1)

OPTICAL FEATURES

- ROTALLARM HD: anodized aluminium reflector with BA 15s 45W bulb (for 12V ACDC, 24V ACDC, 48V DC versions) or E14 25W bulb (for 48V AC, 110V AC and 240V AC versions)
- ROTALLARM HD H1: anodized aluminium reflector with H1 55W (12V) or 70W (24V) halogen bulb
- ROTALLARM HD STEADY/FLASHING: 40W Incandescent lamp with Ba 15d socket
- ROTALLARM HD FLASHING H1: H1 55W (12V) or 70W (24V) halogen bulb
- ROTALLARM HD X: Xenon discharge tube 6J, allows a high intensity single flash (1F)

CERTIFICATIONS

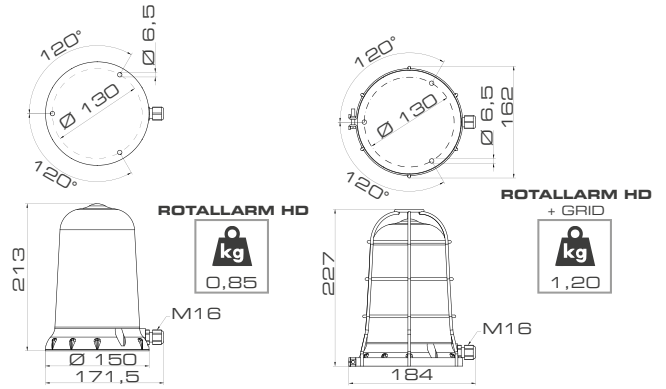




GRID









WALL SUPPORT









SIRENA ELECTRICA PART NOS

ROTALLARM HD* - Rotating beacon with incandescent bulb

| |  BK |  BK |  BK |  BK |  BK |  BK |
|----------|--|--|--|--|--|--|
| 12V ACDC | 82201 | 82200 | 82203 | 82204 | 82270 | 82202 |
| 24V ACDC | 82211 | 82210 | 82213 | 82214 | 82271 | 82212 |
| 48V DC | 82246 | 82245 | 82290 | 82330 | 82248 | 82289 |
| 48V AC | 82220 | 82280 | 82281 | 82331 | 82282 | 82332 |
| 110V AC | 82226 | 82225 | 82228 | 82229 | 82247 | 82227 |
| 240V AC | 82241 | 82240 | 82243 | 82244 | 82274 | 82242 |







*Supplied with bulb

ROTALLARM HD H1* - Rotating beacon with halogen bulb

| |  BK |  BK |  BK |  BK |  BK |  BK |
|----------|--|--|--|--|--|--|
| 12V ACDC | 82251 | 82250 | 82253 | 82254 | 82256 | 82252 |
| 24V ACDC | 82261 | 82260 | 82263 | 82264 | 82273 | 82262 |







*Supplied with bulb

ROTALLARM HD STEADY/FLASHING* - Steady/flushing light with incandescent bulb

| |  BK |  BK |  BK |  BK |  BK |  BK |
|------------|--|--|--|--|--|--|
| 12/48V DC | 89491 | 89492 | 89493 | 89494 | 89495 | 89496 |
| 24/240V AC | 89511 | 89512 | 89513 | 89514 | 89515 | 89516 |







*Supplied without bulb

ROTALLARM HD FLASHING H1* - Flashing light with halogen bulb

| |  BK |  BK |  BK |  BK |  BK |  BK |
|----------|--|--|--|--|--|--|
| 12V ACDC | 82441 | 82442 | 82443 | 82444 | 82445 | 82446 |
| 24V ACDC | 82461 | 82462 | 82463 | 82464 | 82465 | 82466 |

*Supplied with bulb

ROTALLARM HD X* - Flashing light with Xenon discharge tube

| |  BK |  BK |  BK |  BK |  BK |  BK |
|-------------|--|--|--|--|--|--|
| 12/24V ACDC | 84751 | 84752 | 84753 | 84754 | 84755 | 84756 |
| 110V AC | 84761 | 84762 | 84763 | 84764 | 84765 | 84766 |
| 240V AC | 84771 | 84772 | 84773 | 84774 | 84775 | 84776 |

*Supplied with bulb

SPARE DOMES ROTALLARM HD and H1

| | | | | | | |
|-------------------|---|---|---|---|---|---|
| Internally smooth |  71306 |  71305 |  71308 |  71309 |  71331 |  71307 |
|-------------------|---|---|---|---|---|---|

SPARE DOMES ROTALLARM HD STEADY/FLASHING and X

| | | | | | | |
|-------------------|---|---|---|---|---|---|
| Internally fluted |  71301 |  71300 |  71303 |  71304 |  71330 |  71302 |
|-------------------|---|---|---|---|---|---|

ACCESSORIES

| | STL | BK |
|----------------------|-------|-------|
| GRID for HD versions | 71690 | |
| WALL SUPPORT | | 71818 |



ROTALLARM WP



DOMES

- > WATERTIGHT STAINLESS STEEL BASE <
- > HIGH IP GRADE <
- > 3 LUMINOUS SOURCES <

| | | | | | |
|------------|-----------------------------|-------------|------------------|------|----|
| PC DOME | AISI 316 INOX BASE | 50/60 Hz | -30 +50 C° | IP67 | ON |
|------------|-----------------------------|-------------|------------------|------|----|

| | | | | | |
|-----------------------|---------------------|-------------------|-----------------|-------------------|--|
| SELF EXTINGUISHING | ROTALLARM WP | | | | |
| Ba 15s DC | E 14 AC | RPM 160 ±30 | A max 4,0 | CD max 6500 | |

| | | | | |
|------------------------|-------------------|-----------------|--------------------|--|
| ROTALLARM WP H1 | | | | |
| H1 | RPM 160 ±30 | A max 4,8 | CD max 10000 | |

| | | | | |
|-------------------------------------|-------------------|-----------------|-------------------|--|
| ROTALLARM WP STEADY/FLASHING | | | | |
| Ba 15d | FPM 110 ±20 | A max 3,4 | CD max 1000 | |

| | | | | |
|---------------------------------|-------------------|-----------------|------------------|--|
| ROTALLARM WP FLASHING H1 | | | | |
| H1 | FPM 110 ±20 | A max 4,6 | CD max 800 | |

| | | | | |
|-----------------------|------------------|---------------------|-----------------|-------------------|
| ROTALLARM WP X | | | | |
| X XENON | -30 +40 C° | FPM 1F 65 ±10 | A max 1,0 | CD max 3500 |

ALSO AVAILABLE



ROTALLARM WP
STEADY/FLASHING
ROTALLARM WP X

ROTALLARM WP

ROTALLARM WP LED is the latest addition to the most successful rotating beacon in Sirena's history, developed with watertight stainless steel base with threaded mount.

Available with 3 luminous sources ROTALLARM WP offers versatility as well as a complete range of products.

With its IP67 rating, ROTALLARM WP LED guarantees watertightness of the beacon.

KEY CHARACTERISTICS

LIGHT EFFECTS

ROTALLARM WP and ROTALLARM WP H1: ROTATING LIGHT

ROTALLARM WP STEADY/FLASHING: STEADY/FLASHING LIGHT

ROTALLARM WP FLASHING H1: FLASHING LIGHT

ROTALLARM WP X: XENON FLASHING LIGHT

VOLTAGES

ROTALLARM WP: 12V ACDC, 24V ACDC, 48V DC, 48V AC, 110V AC and 240V AC +/-10%

ROTALLARM WP H1: 12V ACDC, 24V ACDC +/-10%

ROTALLARM WP STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%

ROTALLARM WP FLASHING H1: 12V ACDC, 24V ACDC +/-10%

ROTALLARM WP X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP67

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome

Stainless steel base, 3/4"G threaded mount

Parallel axis gear drive (rotating version ROTALLARM WP and ROTALLARM WP H1)

OPTICAL FEATURES

ROTALLARM WP: anodized aluminium reflector with BA 15s 45W bulb (for 12V ACDC, 24V ACDC, 48V DC versions) or E14 25W bulb (for 48V AC, 110V AC and 240V AC versions)

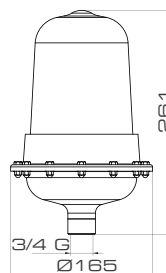
ROTALLARM WP H1: anodized aluminium reflector with H1 55W (12V) or 70W (24V) halogen bulb

ROTALLARM WP STEADY/FLASHING: 40W Incandescent lamp with Ba 15d socket

ROTALLARM WP FLASHING H1: H1 55W (12V) or 70W (24V) halogen bulb

ROTALLARM WP X: Xenon discharge tube 6J, allows a high intensity single flash (1F)

DRAWINGS, DIMENSIONS AND WEIGHTS









ROTALLARM WP



CERTIFICATIONS









ROTALLARM WP* - Rotating beacon with incandescent bulb

| |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|
| | SS | SS | SS | SS | SS | SS |
| 12V ACDC | 90009 | 90010 | 90008 | 90007 | 90027 | 90028 |
| 24V ACDC | 90017 | 90016 | 90014 | 90029 | 90015 | 90030 |
| 48V DC | 90031 | 90024 | 90032 | 90033 | 90034 | 90035 |
| 48V AC | 90036 | 90018 | 90022 | 90037 | 90038 | 90039 |
| 110V AC | 90040 | 90025 | 90026 | 90041 | 90021 | 90042 |
| 240V AC | 90210 | 90203 | 90205 | 90207 | 90204 | 90043 |







*Supplied with bulb

ROTALLARM WP H1* - Rotating beacon with halogen bulb

| |  |  |  |  |  |  |
|----------|---|---|---|---|---|---|
| | SS | SS | SS | SS | SS | SS |
| 12V ACDC | 90047 | 90048 | 90044 | 90045 | 90049 | 90216 |
| 24V ACDC | 90053 | 90050 | 90052 | 90046 | 90051 | 90055 |







*Supplied with bulb

ROTALLARM WP STEADY/FLASHING* - Steady/flashing light with incandescent bulb

| |  |  |  |  |  |  |
|------------|---|---|---|---|---|---|
| | SS | SS | SS | SS | SS | SS |
| 12/48V DC | 90241 | 90242 | 90243 | 90244 | 90245 | 90246 |
| 24/240V AC | 90251 | 90252 | 90253 | 90254 | 90255 | 90256 |





*Supplied without bulb

ROTALLARM WP FLASHING H1* - Flashing light with halogen bulb

| |  |  |  |  |  |  |
|----------|---|---|---|---|---|---|
| | SS | SS | SS | SS | SS | SS |
| 12V ACDC | 90540 | 90558 | 90541 | 90565 | 90566 | 90567 |
| 24V ACDC | 90568 | 90569 | 90516 | 90588 | 90517 | 90589 |

*Supplied with bulb

ROTALLARM WP X* - Flashing light with Xenon discharge tube

| |  |  |  |  |  |  |
|-------------|---|---|---|---|---|---|
| | SS | SS | SS | SS | SS | SS |
| 12/24V ACDC | 22061 | 22065 | 22066 | 22067 | 22068 | 22069 |
| 110V AC | 90942 | 91528 | 91532 | 90943 | 90944 | 90542 |
| 240V AC | 91527 | 91517 | 91524 | 91523 | 91520 | 91519 |

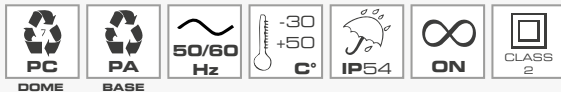
*Supplied with bulb



MINIFLASH S



> 3 BASES <
> 3 LUMINOUS SOURCES <
> EXCELLENT OPTICAL PERFORMANCE <



MINIFLASH STEADY

| | | | | |
|--------------------|------------|--------|-----------|------------|
| SELF EXTINGUISHING | M16 S BASE | Ba 15d | A max 2,1 | CD max 270 |
|--------------------|------------|--------|-----------|------------|

MINIFLASH STEADY/FLASHING

| | | | |
|--------|---------------|-----------|------------|
| Ba 15d | FPM 110 +/-20 | A max 2,2 | CD max 270 |
|--------|---------------|-----------|------------|

MINIFLASH LED

| | | |
|-----|---------------|------------|
| LED | FPM 150 +/-20 | mA max 180 |
|-----|---------------|------------|

MINIFLASH X

| | | | | |
|---------|------------|-----------------|------------|-------------|
| X XENON | -30/+40 °C | FPM 1F 65 +/-10 | mA max 400 | CD max 1450 |
|---------|------------|-----------------|------------|-------------|

ALSO AVAILABLE



MINIFLASH P



MINIFLASH E

MINIFLASH

Medium size beacon engineered for industrial applications.

MINIFLASH offers versatility as well as excellent optical performance.

With three versions available (standard S, pole mount P, Edison screw base E) and 3 luminous sources, MINIFLASH offers a complete range of products.

KEY CHARACTERISTICS

LIGHT EFFECTS

MINIFLASH STEADY: STEADY LIGHT

MINIFLASH STEADY/FLASHING: STEADY/FLASHING LIGHT (S and P bases), FLASHING LIGHT (E base)

MINIFLASH LED: STEADY/FLASHING LIGHT (S and P bases), FLASHING LIGHT (E base)

MINIFLASH X: XENON FLASHING LIGHT

VOLTAGES

MINIFLASH STEADY: 12/240V ACDC +/-10%

MINIFLASH STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%

MINIFLASH LED: 24V ACDC, 48V ACDC, 110V AC and 240V AC +/-10%

MINIFLASH X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome

Self-extinguishing glass reinforced polyamide base (S base versions with M16 cable gland)

Screw mounting, screws not included (S base versions)

OPTICAL FEATURES

MINIFLASH STEADY: the 25W incandescent lamp (Ba15d socket) and the dome-shaped Fresnel lens intensify the steady beam of light

MINIFLASH STEADY/FLASHING: the 25W incandescent lamp (Ba15d socket) and the dome-shaped Fresnel lens intensify the steady/flushing beam of light

MINIFLASH LED: 36 x 5mm colored LEDs and the dome-shaped Fresnel lens provide a perfect color intensity output

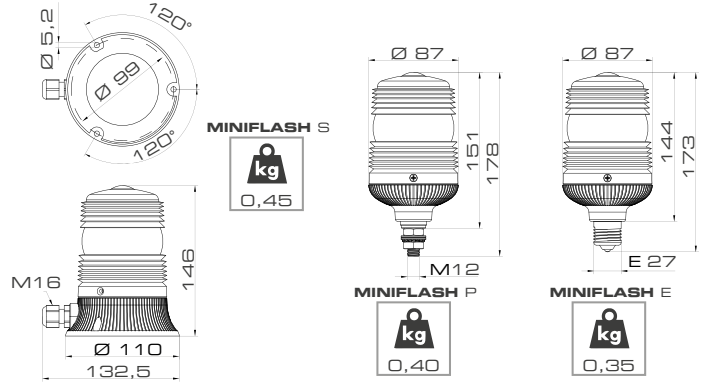
MINIFLASH X: 2J Xenon discharge tube enhanced by the dome-shaped Fresnel lens provides a strong single flash (1F)

CERTIFICATIONS





WALL BASE



MINIFLASH STEADY* - Steady light with incandescent bulb

| BASES | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| S 12/240V ACDC | 89111 | 89121 | 89112 | 89122 | 89113 | 89123 | 89114 | 89124 | 89115 | 89125 | 89116 | 89126 |
| P 12/240V ACDC | 89131 | 89141 | 89132 | 89142 | 89133 | 89143 | 89134 | 89144 | 89135 | 89145 | 89136 | 89146 |
| E 12/240V ACDC | 89151 | 89161 | 89152 | 89162 | 89153 | 89163 | 89154 | 89164 | 89155 | 89165 | 89156 | 89166 |

*Supplied without bulb

MINIFLASH STEADY/FLASHING* - Steady/flushing light with incandescent bulb

| BASES | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| S 12/48V DC | 89171 | 89191 | 89172 | 89192 | 89173 | 89193 | 89174 | 89194 | 89175 | 89195 | 89176 | 89196 |
| 24/240V AC | 89181 | 89201 | 89182 | 89202 | 89183 | 89203 | 89184 | 89204 | 89185 | 89205 | 89186 | 89206 |
| P 12/48V DC | 89211 | 89231 | 89212 | 89232 | 89213 | 89233 | 89214 | 89234 | 89215 | 89235 | 89216 | 89236 |
| 24/240V AC | 89221 | 89241 | 89222 | 89242 | 89223 | 89243 | 89224 | 89244 | 89225 | 89245 | 89226 | 89246 |
| E 12/48V DC | 89611 | 89691 | 89612 | 89692 | 89613 | 89693 | 89614 | 89694 | 89615 | 89695 | 89616 | 89696 |
| 24/240V AC | 89251 | 89261 | 89252 | 89262 | 89253 | 89263 | 89254 | 89264 | 89255 | 89265 | 89256 | 89266 |

*Supplied without bulb

MINIFLASH LED - LED steady/flushing light

| BASES | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| S 24V ACDC | 65211 | 68641 | 65212 | 68642 | 65213 | 68643 | 65214 | 68644 | 65215 | 68645 | 65216 | 68646 |
| 48V ACDC | 65221 | 68651 | 65222 | 68652 | 65223 | 68653 | 65224 | 68654 | 65225 | 68655 | 65226 | 68656 |
| 110V AC | 65231 | 68661 | 65232 | 68662 | 65233 | 68663 | 65234 | 68664 | 65235 | 68665 | 65236 | 68666 |
| 240V AC | 65241 | 68671 | 65242 | 68672 | 65243 | 68673 | 65244 | 68674 | 65245 | 68675 | 65246 | 68676 |
| P 24V ACDC | 65251 | 68681 | 65252 | 68682 | 65253 | 68683 | 65254 | 68684 | 65255 | 68685 | 65256 | 68686 |
| 48V ACDC | 65261 | 68691 | 65262 | 68692 | 65263 | 68693 | 65264 | 68694 | 65265 | 68695 | 65266 | 68696 |
| 110V DC | 65271 | 68701 | 65272 | 68702 | 65273 | 68703 | 65274 | 68704 | 65275 | 68705 | 65276 | 68706 |
| 240V AC | 65281 | 68711 | 65282 | 68712 | 65283 | 68713 | 65284 | 68714 | 65285 | 68715 | 65286 | 68716 |
| E 24V ACDC | 65291 | 68721 | 65292 | 68722 | 65293 | 68723 | 65294 | 68724 | 65295 | 68725 | 65296 | 68726 |
| 48V ACDC | 65301 | 68731 | 65302 | 68732 | 65303 | 68733 | 65304 | 68734 | 65305 | 68735 | 65306 | 68736 |
| 110V DC | 65311 | 68741 | 65312 | 68742 | 65313 | 68743 | 65314 | 68744 | 65315 | 68745 | 65316 | 68746 |
| 240V AC | 65321 | 68751 | 65322 | 68752 | 65323 | 68753 | 65324 | 68754 | 65325 | 68755 | 65326 | 68756 |

MINIFLASH X* - Flashing light with Xenon discharge tube

| BASES | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| S 12/24V ACDC | 63753 | 21500 | 63754 | 21501 | 63755 | 21502 | 63756 | 21503 | 63757 | 21504 | 63758 | 21505 |
| 110V AC | 63759 | 80522 | 63760 | 80520 | 63761 | 80521 | 63762 | 80524 | 63763 | 80546 | 63764 | 80523 |
| 240V AC | 63765 | 80511 | 63766 | 80510 | 63767 | 80513 | 63768 | 80514 | 63769 | 80548 | 63770 | 80512 |
| P 12/24V ACDC | 63788 | 21530 | 63789 | 21531 | 63790 | 21532 | 63750 | 21533 | 63791 | 21534 | 63792 | 21535 |
| 110V AC | 63793 | 80569 | 63794 | 80571 | 63795 | 80570 | 63796 | 80577 | 63797 | 80575 | 63798 | 80572 |
| 240V AC | 63799 | 80561 | 63800 | 80560 | 63801 | 80563 | 63802 | 80564 | 63803 | 80576 | 63804 | 80562 |
| E 12/24V ACDC | 63817 | 80600 | 63818 | 80596 | 63819 | 80597 | 89617 | 80609 | 63820 | 80598 | 89618 | 80602 |
| 110V AC | 63821 | 80623 | 63822 | 80621 | 63823 | 80620 | 63824 | 80622 | 63825 | 80526 | 63826 | 80527 |
| 240V AC | 63827 | 80611 | 63828 | 80610 | 63829 | 80613 | 63830 | 80624 | 63831 | 80626 | 63832 | 80612 |

*Supplied with bulb

SPARE DOMES

| | | | | | | | | | | | |
|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|
| ■ | 71318 | ■ | 71315 | ■ | 71316 | ■ | 71319 | ■ | 71333 | ■ | 71317 |
|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|

ACCESSORIES

| | GY | BK |
|-----------|-------|-------|
| WALL BASE | 72692 | 71872 |

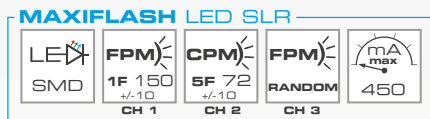
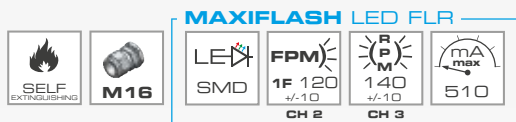
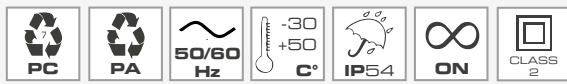


MAXIFLASH LED SLR S

MAXIFLASH LED FLR S



> **SUPERBRIGHT** <
> **TWO MULTIFUNCTIONAL VERSIONS** <



ACCESSORIES



WALL BASE

MAXIFLASH LED FLR | PART NO

| | Blue | Orange | Red | Green | Yellow | White | |
|----|-------------|--------|-------|-------|--------|-------|-------|
| GY | 12/24V ACDC | 43001 | 43002 | 43003 | 43004 | 43005 | 43006 |
| | 90/240V AC | 43011 | 43012 | 43013 | 43014 | 43015 | 43016 |
| BK | 12/24V ACDC | 43021 | 43022 | 43023 | 43024 | 43025 | 43026 |
| | 90/240V AC | 43031 | 43032 | 43033 | 43034 | 43035 | 43036 |

MAXIFLASH LED SLR | PART NO

| | Blue | Orange | Red | Green | Yellow | White | |
|--------------------|-------------|--------|-------|-------|--------|-------|-------|
| GY | 12/24V ACDC | 43041 | 43042 | 43043 | 43044 | 43045 | 43046 |
| | 90/240V AC | 43051 | 43052 | 43053 | 43054 | 43055 | 43056 |
| BK | 12/24V ACDC | 43061 | 43062 | 43063 | 43064 | 43065 | 43066 |
| | 90/240V AC | 43071 | 43072 | 43073 | 43074 | 43075 | 43076 |
| SPARE DOMES | | | | | | | |
| | 71321 | 71320 | 71323 | 71324 | 71334 | 71322 | |

| | | |
|----|-----------|-------|
| GY | WALL BASE | 72692 |
| BK | WALL BASE | 71872 |

MAXIFLASH LED new

Multifunctional LED beacon with high optical performance engineered for industrial applications.

Developed with a multichannel technology, MAXIFLASH is available in FLR (steady, flashing, rotating light) or in SLR (flashing, strobe, random light) version. The separate light effects are controllable via independent electric contacts.

MAXIFLASH LED offers maximum versatility: a perfect fit for each applications.

KEY CHARACTERISTICS

LIGHT EFFECTS

MAXIFLASH LED FLR: STEADY, FLASHING, ROTATING LIGHT
MAXIFLASH LED SLR: FLASHING, STROBE, RANDOM LIGHT

VOLTAGES

MAXIFLASH LED FLR: 12/24V ACDC, 90/240V AC +/-10%
MAXIFLASH LED SLR: 12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
Self-extinguishing glass reinforced polyamide base with M16 cable gland
Screw mounting, screws not included

OPTICAL FEATURES

MAXIFLASH LED FLR: 24x Bright LEDs in a 6x4 configuration allow 3 luminous effects:

STEADY LIGHT: A deep and rich light source

FLASHING LIGHT: A single flash (1F)

ROTATING LIGHT: A unique rotating effect perfectly simulating the traditional rotating beacons yet without moving parts hence enormously enhancing product life time

MAXIFLASH LED SLR: 2x SuperBright LEDs allow 3 luminous effects:

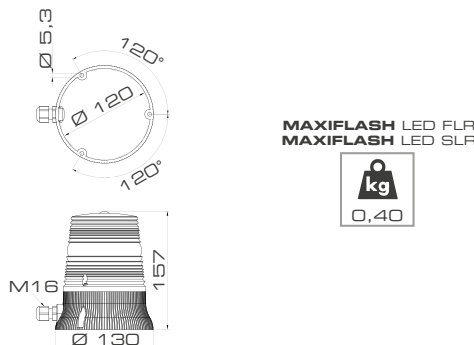
FLASHING LIGHT: Powerful flashing effect (1F)

STROBE LIGHT: Strobe effect (5F)

RANDOM LIGHT: A unique random effect consisting in an uneven flashing pattern, augmenting the ability of catching attention

The dome-shaped Fresnel lens intensify the luminous beam of these devices

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

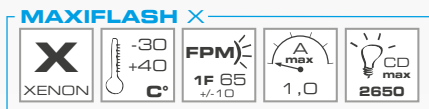
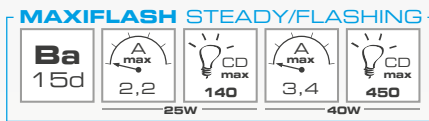
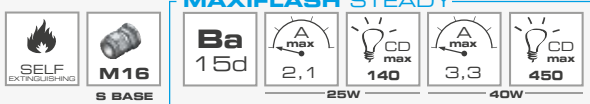
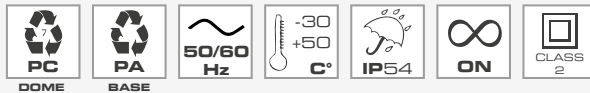




MAXIFLASH S



> 3 BASES <
> 2 LUMINOUS SOURCES <
> EXCELLENT OPTICAL PERFORMANCE <



ALSO AVAILABLE



MAXIFLASH P



MAXIFLASH E

MAXIFLASH

Medium size beacon engineered for industrial applications.

MAXIFLASH offers versatility as well as excellent optical performance.

With three versions available (standard S, pole mount P, Edison screw base E) and 2 luminous sources, MAXIFLASH offers a complete range of products.

KEY CHARACTERISTICS

LIGHT EFFECTS

MAXIFLASH STEADY: STEADY LIGHT

MAXIFLASH STEADY/FLASHING: STEADY/FLASHING LIGHT (S and P bases), FLASHING LIGHT (E base)

MAXIFLASH X: XENON FLASHING LIGHT

VOLTAGES

MAXIFLASH STEADY: 12/240V ACDC +/-10%

MAXIFLASH STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%

MAXIFLASH X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome

Self-extinguishing glass reinforced polyamide base (S base versions with M16 cable gland)

Screw mounting, screws not included (S base versions)

OPTICAL FEATURES

MAXIFLASH STEADY: the 25W or 40W incandescent lamp (Ba15d socket) and the dome-shaped Fresnel lens intensify the steady beam of light

MAXIFLASH STEADY/FLASHING: the 25W or 40W incandescent lamp (Ba15d socket) and the dome-shaped Fresnel lens intensify the steady/flashing beam of light

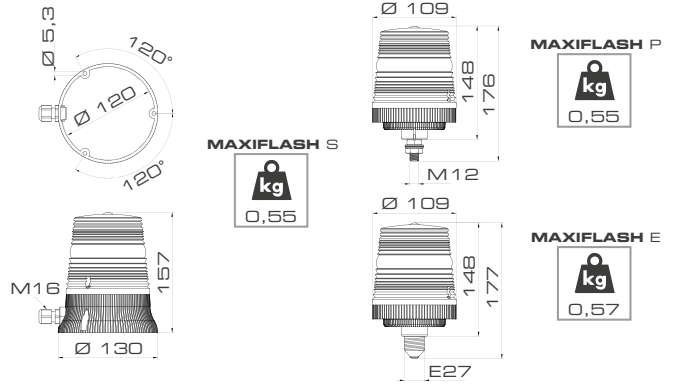
MAXIFLASH X: 6J Xenon discharge tube enhanced by the dome-shaped Fresnel lens provides a strong single flash (1F)

CERTIFICATIONS





WALL BASE



MAXIFLASH STEADY* - Steady light with incandescent bulb



| BASES | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| S 12/240V ACDC | 89271 | 89281 | 89272 | 89282 | 89273 | 89283 | 89274 | 89284 | 89275 | 89285 | 89276 | 89286 |
| P 12/240V ACDC | 89291 | 89301 | 89292 | 89302 | 89293 | 89303 | 89294 | 89304 | 89295 | 89305 | 89296 | 89306 |
| E 12/240V ACDC | 89311 | 89321 | 89312 | 89322 | 89313 | 89323 | 89314 | 89324 | 89315 | 89325 | 89316 | 89326 |

*Supplied without bulb

MAXIFLASH STEADY/FLASHING* - Steady/flashing light with incandescent bulb



| BASES | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| S 12/48V DC | 89331 | 89351 | 89332 | 89352 | 89333 | 89353 | 89334 | 89354 | 89335 | 89355 | 89336 | 89356 |
| 24/240V AC | 89341 | 89361 | 89342 | 89362 | 89343 | 89363 | 89344 | 89364 | 89345 | 89365 | 89346 | 89366 |
| P 12/48V DC | 89371 | 89391 | 89372 | 89392 | 89373 | 89393 | 89374 | 89394 | 89375 | 89395 | 89376 | 89396 |
| 24/240V AC | 89381 | 89401 | 89382 | 89402 | 89383 | 89403 | 89384 | 89404 | 89385 | 89405 | 89386 | 89406 |
| E 12/48V DC | 89621 | 89681 | 89622 | 89682 | 89623 | 89683 | 89624 | 89684 | 89625 | 89685 | 89626 | 89686 |
| 24/240V AC | 89411 | 89421 | 89412 | 89422 | 89413 | 89423 | 89414 | 89424 | 89415 | 89425 | 89416 | 89426 |

*Supplied without bulb

MAXIFLASH X* - Flashing light with Xenon discharge tube



| BASES | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| S 12/24V ACDC | 63865 | 21668 | 63866 | 21669 | 63867 | 21670 | 63868 | 21671 | 63869 | 21672 | 63870 | 21673 |
| 110V AC | 63871 | 84030 | 63872 | 84026 | 63873 | 84029 | 63874 | 84056 | 63875 | 84055 | 63876 | 84028 |
| 240V AC | 63877 | 84037 | 63878 | 84036 | 63879 | 84039 | 63880 | 84038 | 63881 | 84062 | 63882 | 84040 |
| P 12/24V ACDC | 63917 | 21698 | 63922 | 21699 | 63918 | 21700 | 63919 | 21701 | 63920 | 21702 | 63921 | 21703 |
| 110V AC | 63923 | 84229 | 63924 | 84225 | 63925 | 84221 | 63926 | 84246 | 63927 | 84228 | 63928 | 84227 |
| 240V AC | 63929 | 84236 | 63930 | 84235 | 63931 | 84238 | 63932 | 84239 | 63933 | 84250 | 63934 | 84237 |
| E 12/24V ACDC | 89661 | 84281 | 89662 | 84282 | 89663 | 84283 | 89664 | 84284 | 89665 | 84285 | 89666 | 84286 |
| 110V AC | 63965 | 84318 | 63966 | 84325 | 63967 | 84328 | 63968 | 84327 | 63969 | 84319 | 63972 | 84320 |
| 240V AC | 63969 | 84336 | 63970 | 84335 | 63971 | 84338 | 63975 | 84337 | 63976 | 84350 | 63972 | 84339 |

*Supplied with bulb

SPARE DOMES



ACCESSORIES

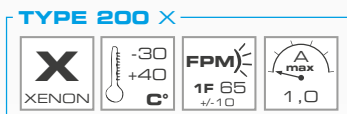
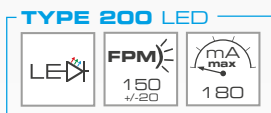
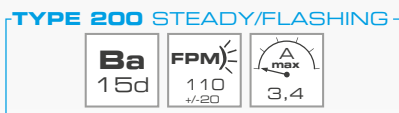
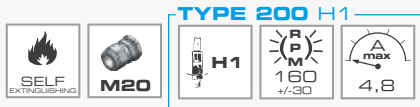
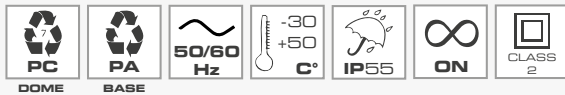
| | GY | BK |
|-----------|-------|-------|
| WALL BASE | 72692 | 71872 |



TYPE 200 H1



> 4 LUMINOUS SOURCES <
> EXCELLENT OPTICAL PERFORMANCE <
> IDEAL FOR HEAVY-DUTY <



ALSO AVAILABLE



TYPE 200 STEADY/FLASHING
TYPE 200 LED
TYPE 200 X

TYPE 200

High-performance beacon designed for heavy-duty and industrial applications. Its unique shape and structure guarantee the best durability of the product. The LED version extends even further the life of the product delivering a virtually maintenance-free device.

Available with 4 light technologies, TYPE 200 delivers a complete and versatile range of devices.

KEY CHARACTERISTICS

LIGHT EFFECTS

TYPE 200 H1: ROTATING LIGHT
TYPE 200 STEADY/FLASHING and LED: STEADY/FLASHING LIGHT
TYPE 200 X: XENON FLASHING LIGHT

VOLTAGES

TYPE 200 H1: 12V ACDC, 24V ACDC, 110V AC and 240V AC +/-10%
TYPE 200 STEADY/FLASHING: 12/48V DC, 24/240V AC +/-10%
TYPE 200 LED: 24V ACDC, 48V ACDC, 110V AC and 240V AC +/-10%
TYPE 200 X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP55

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
Self-extinguishing glass reinforced polyamide base with M20 cable gland
Screw mounting, screws not included
Worm gear drive (TYPE 200 H1 rotating version)

OPTICAL FEATURES

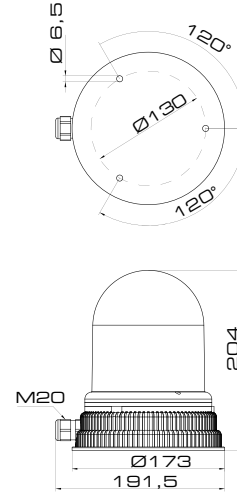
TYPE 200 H1: chromed metal parabolic reflector with H1 55W (12V) or 70W (24V) halogen bulb
TYPE 200 STEADY/FLASHING: 40W Incandescent lamp with Ba 15d socket and inner Fresnel lens
TYPE 200 LED: 45 x 5mm colored LEDs and the inner Fresnel lens provide a perfect color intensity output
TYPE 200 X: 6J Xenon discharge tube enhanced by the inner Fresnel lens provide a strong single flash (1F)

CERTIFICATIONS





WALL BASE



SIRENA ELECTRICA PART NOS

TYPE 200 H1* - Rotating beacon with halogen bulb

| | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12V ACDC | 26351 | 31701 | 26352 | 31702 | 26353 | 31703 | 26354 | 31704 | 26355 | 31705 | 26356 | 31706 |
| 24V ACDC | 26361 | 31711 | 26362 | 31712 | 26363 | 31713 | 26364 | 31714 | 26365 | 31715 | 26366 | 31716 |
| 110V AC | 26381 | 31731 | 26382 | 31732 | 26383 | 31733 | 26384 | 31734 | 26385 | 31735 | 26386 | 31736 |
| 240V AC | 26391 | 31741 | 26392 | 31742 | 26393 | 31743 | 26394 | 31744 | 26395 | 31745 | 26396 | 31746 |

*Supplied with bulb

TYPE 200 STEADY/FLASHING* - Steady/flashing light with incandescent bulb

| | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12/48V DC | 26301 | 31801 | 26302 | 31802 | 26303 | 31803 | 26304 | 31804 | 26305 | 31805 | 26306 | 31806 |
| 24/240V AC | 26311 | 31811 | 26312 | 31812 | 26313 | 31813 | 26314 | 31814 | 26315 | 31815 | 26316 | 31816 |

*Supplied without bulb

TYPE 200 LED - LED steady/flashing light

| | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 24V ACDC | 26251 | 31751 | 26252 | 31752 | 26253 | 31753 | 26254 | 31754 | 26255 | 31755 | 26256 | 31756 |
| 48V ACDC | 26261 | 31761 | 26262 | 31762 | 26263 | 31763 | 26264 | 31764 | 26265 | 31765 | 26266 | 31766 |
| 110V AC | 26271 | 31771 | 26272 | 31772 | 26273 | 31773 | 26274 | 31774 | 26275 | 31775 | 26276 | 31776 |
| 240V AC | 26281 | 31781 | 26282 | 31782 | 26283 | 31783 | 26284 | 31784 | 26285 | 31785 | 26286 | 31786 |

TYPE 200 X* - Flashing light with Xenon discharge tube

| | ■ | | ■ | | ■ | | ■ | | ■ | | ■ | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK | GY | BK |
| 12/24V ACDC | 26321 | 31821 | 26322 | 31822 | 26323 | 31823 | 26324 | 31824 | 26325 | 31825 | 26326 | 31826 |
| 110V AC | 26331 | 31831 | 26332 | 31832 | 26333 | 31833 | 26334 | 31834 | 26335 | 31835 | 26336 | 31836 |
| 240V AC | 26341 | 31841 | 26342 | 31842 | 26343 | 31843 | 26344 | 31844 | 26345 | 31845 | 26346 | 31846 |

*Supplied with bulb

SPARE DOMES TYPE 200

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| ■ 71166 | ■ 71167 | ■ 71168 | ■ 71169 | ■ 71172 | ■ 71173 |
|---------|---------|---------|---------|---------|---------|

ACCESSORIES

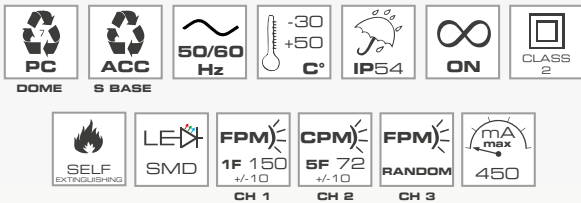
| | GY | BK |
|-----------|-------|-------|
| WALL BASE | 72692 | 71872 |



FAROLAMP LED S



> **SUPERBRIGHT** <
> **EXCELLENT OPTICAL PERFORMANCE** <
> **MULTIFUNCTIONAL** <



ALSO AVAILABLE



FAROLAMP LED P

FAROLAMP LED | PART NO

| | | | | | | |
|--------------------|-------|--------|-------|-------|--------|-------|
| | Blue | Orange | Red | Green | Yellow | White |
| 12/24V ACDC | | | | | | |
| S | 85091 | 85092 | 85093 | 85094 | 85095 | 85096 |
| P | 85224 | 85225 | 85226 | 85227 | 85228 | 85229 |
| SPARE DOMES | | | | | | |
| | 71326 | 71325 | 71328 | 71329 | 71293 | 71327 |

FAROLAMP LED

new

Multifunctional LED beacon with high optical performance engineered for industrial applications.

Developed with a multichannel technology, FAROLAMP LED allows three separate light effects (flashing, strobe, random light).

The separate light effects are controllable via independent electric contacts.

2 bases available (standard S and pole mount P).

KEY CHARACTERISTICS

LIGHT EFFECTS

FLASHING, STROBE, RANDOM LIGHT

VOLTAGES

12/24V ACDC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Self-extinguishing PC dome

High impact resistance steel base. Screw mounting, screws not included (S base version)

OPTICAL FEATURES

2x SuperBright LEDs allow 3 luminous effects:

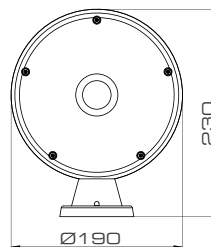
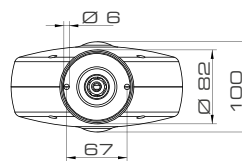
FLASHING LIGHT: Powerful flashing effect (1F)

STROBE LIGHT: Strobe effect (5F)

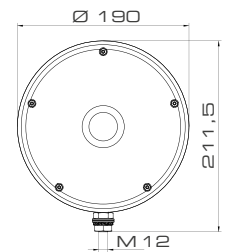
RANDOM LIGHT: A unique random effect consisting in an uneven flashing pattern, augmenting the ability of catching attention

The dome-shaped Fresnel lens intensify the luminous beam of these devices

DRAWINGS, DIMENSIONS AND WEIGHTS



FAROLAMP LED S



FAROLAMP LED P



CERTIFICATIONS



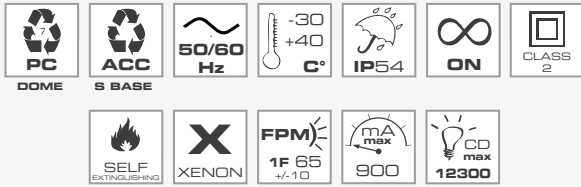


FAROLAMP X S



> 2 BASES <
> XENON <

> EXCELLENT OPTICAL PERFORMANCE <



ALSO AVAILABLE



FAROLAMP X P

FAROLAMP X* | PART NO

| | Blue | Orange | Red | Green | Yellow | White |
|---------------------|--------------------|--------|-------|-------|--------|-------|
| S | 12/24V ACDC | | | | | |
| | 84969 | 84970 | 85044 | 85370 | 84968 | 85150 |
| | 110V AC | | | | | |
| | 85048 | 85373 | 85031 | 85076 | 85032 | 85077 |
| P | 240V AC | | | | | |
| | 85051 | 84971 | 85271 | 85371 | 84992 | 85151 |
| | 12/24V ACDC | | | | | |
| | 84940 | 84978 | 85033 | 85049 | 85037 | 84977 |
| P | 110V AC | | | | | |
| | 21938 | 84984 | 85144 | 85145 | 85146 | 85147 |
| | 240V AC | | | | | |
| 84980 | 84979 | 84982 | 85160 | 84995 | 85148 | |
| *Supplied with bulb | | | | | | |
| SPARE DOMES | | | | | | |
| | 71326 | 71325 | 71328 | 71329 | 71293 | 71327 |

FAROLAMP X

Xenon flashing beacon engineered for industrial applications.

FAROLAMP X offers excellent optical performance.

2 bases available (standard S and pole mount P).

KEY CHARACTERISTICS

LIGHT EFFECTS
XENON FLASHING LIGHT

VOLTAGES
12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE
IP54

OPERATING TEMPERATURE
-30/+40 °C

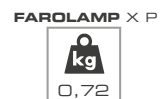
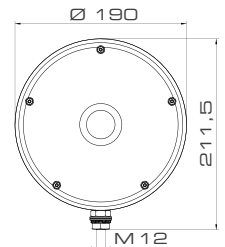
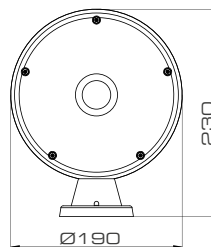
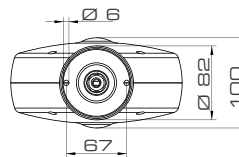
MECHANICAL FEATURES

Self-extinguishing PC dome
High impact resistance steel base. Screw mounting, screws not included (S base version)

OPTICAL FEATURES

6J Xenon discharge tube enhanced by the dome-shaped Fresnel lens provide a strong single flash (1F)

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





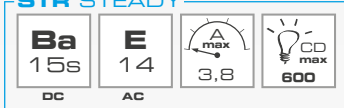
STR S



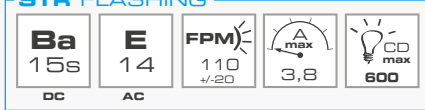
> 3 LUMINOUS SOURCES <
> EXCELLENT OPTICAL PERFORMANCE <



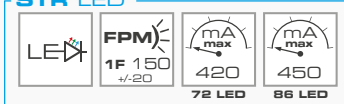
STR STEADY



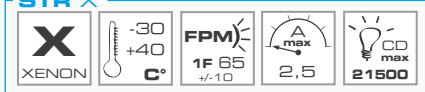
STR FLASHING



STR LED



STR X



ALSO AVAILABLE



STR P

STR

Large size beacon engineered for industrial applications.

With the protection grid the product is suitable for heavy-duty applications.

Available with 3 light technologies, STR delivers a complete and versatile range of devices.

KEY CHARACTERISTICS

LIGHT EFFECTS

- STR STEADY: STEADY LIGHT
- STR FLASHING: FLASHING LIGHT
- STR LED: STEADY/FLASHING LIGHT
- STR X: XENON FLASHING LIGHT

VOLTAGES

- STR STEADY: 12V ACDC, 24V ACDC, 48V DC, 48V AC, 110V ACDC and 240V ACDC +/-10%
- STR FLASHING: 12V DC, 12V AC, 24V DC, 24V AC, 48V DC, 48V AC, 110V AC, 240V AC +/-10%
- STR LED: 24V ACDC, 48V ACDC, 110V AC and 240V AC +/-10%
- STR X: 12/24V ACDC, 110V AC and 240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C | X: -30/+40 °C

MECHANICAL FEATURES

Self-extinguishing high impact resistance PC dome
Aluminium base available for flat surface mounting through screws not included (STR S) or for pole mounted installations (Ø 48,5) with 2 retaining dowels (STR P)

OPTICAL FEATURES

STR STEADY and FLASHING: BA 15s 45W bulb (for 12V ACDC, 24V ACDC, 48V DC versions) or E14S 40W bulb (for 48V AC, 110V AC and 240V AC versions)

STR LED: two versions available: 72 x 5mm colored LEDs or 86 x 5mm colored LEDs (vertical light)

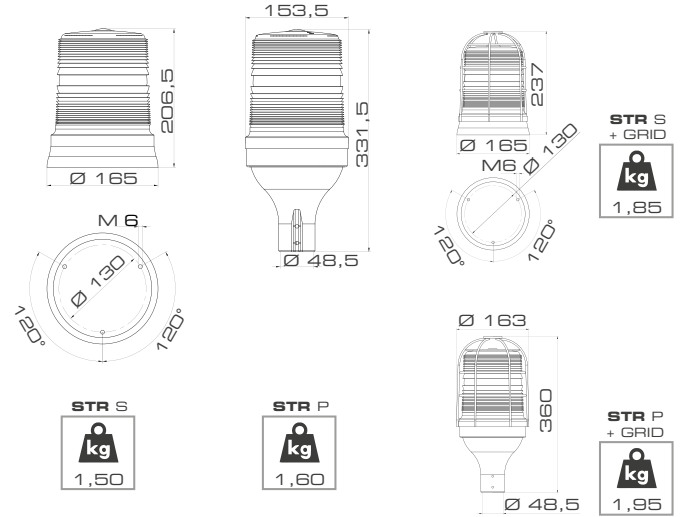
STR X: 15J Xenon discharge tube provides a strong single flash (1F). 6J and 20J versions available on request

CERTIFICATIONS





GRID



STR STEADY* - Steady light with incandescent bulb

| S BASE | BK | BK | BK | BK | BK | BK |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12V ACDC | 90663 | 81600 | 90664 | 90665 | 90666 | 90667 |
| 24V ACDC | 81628 | 81601 | 81602 | 81625 | 81615 | 81626 |
| 48V DC | 90668 | 90669 | 90670 | 90671 | 90672 | 90673 |
| 48V AC | 90674 | 81606 | 81614 | 90675 | 90676 | 90677 |
| 110V ACDC | 81639 | 81607 | 81633 | 81637 | 81638 | 81646 |
| 240V ACDC | 81599 | 81613 | 81616 | 81664 | 81596 | 81598 |
| P BASE | | | | | | |
| 12V ACDC | 90630 | 90631 | 81611 | 90632 | 90633 | 90634 |
| 24V ACDC | 90635 | 81634 | 81603 | 90636 | 90637 | 81635 |
| 48V DC | 90638 | 90639 | 81618 | 90640 | 90641 | 90642 |
| 48V AC | 90643 | 90644 | 90645 | 90646 | 90647 | 90648 |
| 110V ACDC | 81623 | 90865 | 90866 | 90867 | 90868 | 90869 |
| 240V ACDC | 81647 | 81597 | 81629 | 81612 | 81620 | 81624 |

*Supplied with bulb







STR FLASHING* - Flashing light with incandescent bulb

| S BASE | BK | BK | BK | BK | BK | BK |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12V DC | 87201 | 87200 | 87203 | 87204 | 87235 | 87202 |
| 12V AC | 87206 | 87205 | 87208 | 87209 | 86978 | 87207 |
| 24V DC | 87211 | 87210 | 87213 | 87214 | 87236 | 87212 |
| 24V AC | 87216 | 87215 | 87218 | 87241 | 87219 | 87217 |
| 48V DC | 86977 | 87239 | 87240 | 86976 | 87242 | 86975 |
| 48V AC | 86974 | 87243 | 87244 | 86896 | 86895 | 86894 |
| 110V AC | 87221 | 87220 | 87223 | 87224 | 87237 | 87222 |
| 240V AC | 87231 | 87230 | 87233 | 87234 | 87245 | 87232 |
| P BASE | | | | | | |
| 12V DC | 87271 | 87270 | 87273 | 87274 | 87326 | 87272 |
| 12V AC | 87276 | 87275 | 87278 | 87279 | 87407 | 87277 |
| 24V DC | 87281 | 87280 | 87283 | 87284 | 87408 | 87282 |
| 24V AC | 87286 | 87285 | 87288 | 87289 | 87412 | 87287 |
| 48V DC | 90870 | 90871 | 87415 | 90872 | 87347 | 90873 |
| 48V AC | 90874 | 87327 | 87325 | 90875 | 90876 | 90877 |
| 110V AC | 87291 | 87336 | 87293 | 87294 | 87409 | 87292 |
| 240V AC | 87301 | 87300 | 87303 | 87304 | 87290 | 87302 |







*Supplied with bulb

STR LED - LED steady/flashing light

72 LED

| |  |  |  |  |  |  |
|--------------------------------|---|---|---|---|---|---|
| S BASE | BK | BK | BK | BK | BK | BK |
| 24V ACDC | 65791 | 65792 | 65793 | 65794 | 65795 | 65796 |
| 48V ACDC | 65801 | 65802 | 65803 | 65804 | 65805 | 65806 |
| 110V AC | 65811 | 65812 | 65813 | 65814 | 65815 | 65816 |
| 240V AC | 65821 | 65822 | 65823 | 65824 | 65825 | 65826 |
| P BASE | | | | | | |
| 24V ACDC | 65831 | 65832 | 65833 | 65834 | 65835 | 65836 |
| 48V ACDC | 65841 | 65842 | 65843 | 65844 | 65845 | 65846 |
| 110V AC | 65851 | 65852 | 65853 | 65854 | 65855 | 65856 |
| 240V AC | 65861 | 65862 | 65863 | 65864 | 65865 | 65866 |
| 86 LED - Vertical light | | | | | | |
| S BASE | | | | | | |
| 24V ACDC | 65871 | 65872 | 65873 | 65874 | 65875 | 65876 |
| 48V ACDC | 65881 | 65882 | 65883 | 65884 | 65885 | 65886 |
| 110V AC | 65891 | 65892 | 65893 | 65894 | 65895 | 65896 |
| 240V AC | 65901 | 65902 | 65903 | 65904 | 65905 | 65906 |
| P BASE | | | | | | |
| 24V ACDC | 65911 | 65912 | 65913 | 65914 | 65915 | 65916 |
| 48V ACDC | 65921 | 65922 | 65923 | 65924 | 65925 | 65926 |
| 110V AC | 65931 | 65932 | 65933 | 65934 | 65935 | 65936 |
| 240V AC | 65941 | 65942 | 65943 | 65944 | 65945 | 65946 |

STR X* - Flashing light with Xenon discharge tube 15J 1F

| |  |  |  |  |  |  |
|---------------|---|---|---|---|---|---|
| S BASE | BK | BK | BK | BK | BK | BK |
| 12/24V ACDC | 22190 | 22191 | 22192 | 22194 | 22193 | 22195 |
| 110V AC | 87648 | 87656 | 87730 | 87649 | 87658 | 87749 |
| 240V AC | 87758 | 87760 | 87759 | 87761 | 87762 | 87763 |
| P BASE | | | | | | |
| 12/24V ACDC | 90878 | 22281 | 22282 | 90879 | 22284 | 22285 |
| 110V AC | 87717 | 87757 | 90880 | 90881 | 87765 | 90882 |
| 240V AC | 87766 | 87767 | 87768 | 87769 | 87770 | 87771 |

*Supplied with bulb

STR SPARE PARTS

| | | | | | | |
|-----------------------|---|---|---|---|---|---|
| Dome |  71386 |  71385 |  71388 |  71389 |  71383 |  71387 |
| P BASE for STR | BK 83055 | | | | | |

ACCESSORIES

| | |
|---------------------|---------------------|
| GRID for STR | STL 71693 |
|---------------------|---------------------|

SIGNALING DEVICES FOR CONTROL PANELS

This range includes acoustic and luminous signaling devices engineered for panel mount applications.

Besides traditional piezoelectrical sounders (available with different IP grades and sound pressure levels) we have developed the new P40 series, complete in dome and base colors.

Multiple solutions offered by the wide product portfolio allow installation in the most demanding panel applications: electrical control switchboards for automation, distribution and control panels.

ELECTRA panel mount devices represent the best components on the market.





RANGE FEATURES

Product families of this range can be divided in two categories:

- **BUZZERS:** P40 A buzzer (JUNIOR version also available), P40 A LED (buzzer with LED light), BIMF LED (luminous buzzer, red version also available). Buzzers for flush mount applications: BIP 92, BEBIP, BIP 84, BIP 81
- **LED LUMINOUS DEVICES:** P40 S (JUNIOR version also available), P40 RGA (developed with multicolor LED, red-green-amber). Linear warning lights: FWL and 85 LED S.

P40 RANGE

Each device is multifunctional allowing three separate functions to be operated via independent electrical contacts. This allows the entire chain of alarm to be escalated, from alert, to pre-alarm, to alarm.

The luminous devices have been engineered to deliver high optical performances from every angle whilst the acoustic devices are crafted to deliver a tone tailored for electrical panels.

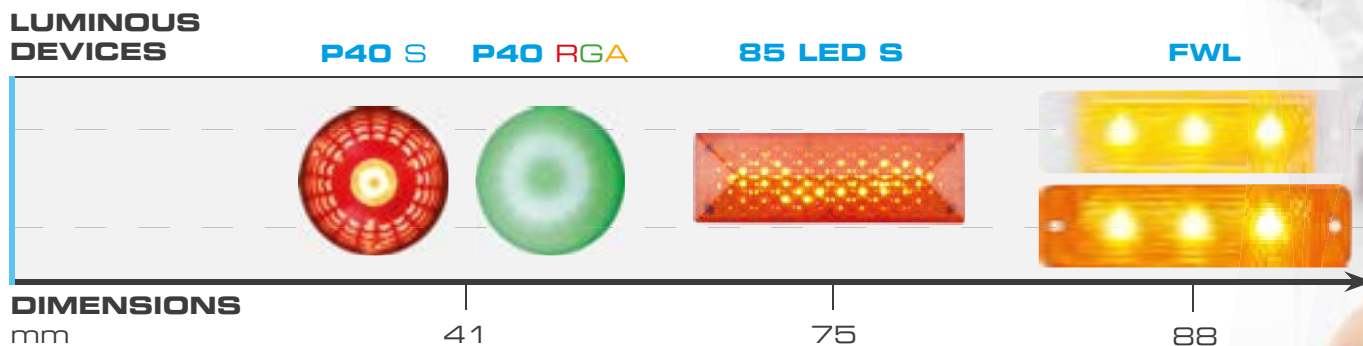
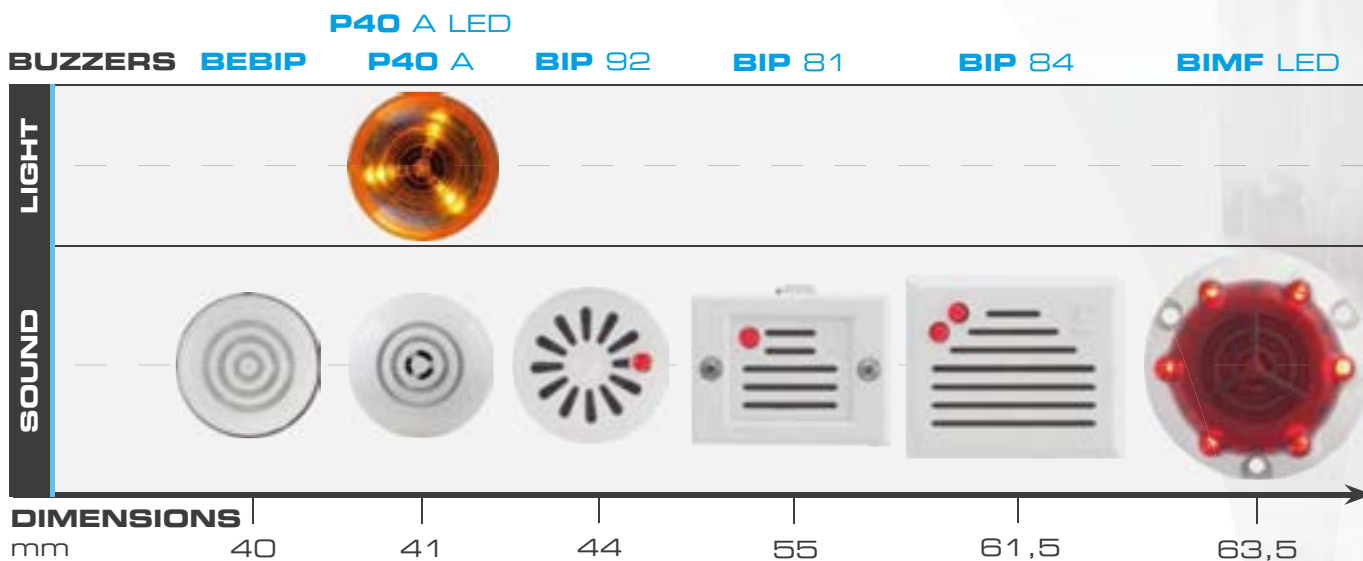
For your high-end electrical panels, P40 offers not only a solution, but the best choice to add considerable value to your projects.

ELECTRA *by Sirena*

Multichannel technology and high optical performance for a winning product combination.

The graph shows the complete range engineered for panel mount applications, considering dimensions of each product and signaling needs. For a combined luminous/acoustic solution we propose P40 A LED, domes available in 6 colors. For acoustic only signaling we offer different buzzers, also with red LED indicators.

Among the luminous solutions available, we propose devices in 6 colors as well as a multicolor LED beacon P40 RGA: this device allows three different colors with a single device.



P40 A



P40 A
P40 A JUNIOR



> **MULTICHANNEL** <
> **85 dB max** <

| | | | | |
|---------------------|--------------------|------------------|-------------|-------------|
| PC | 50/60 Hz | -30 +50 C° | IP65 | ON |
| CLASS 2 | SELF EXTINGUISHING | 2 | (dB max) 85 | (mA max) 60 |
| P40 A | | | | |
| 1 | (dB max) 70 | (mA max) 19 | | |
| P40 A JUNIOR | | | | |

P40 A | PART NO

| | GY | BK |
|-------------|-------|-------|
| 12/24V ACDC | 91177 | 91178 |
| 48/240V AC | 91179 | 91180 |

P40 A JUNIOR | PART NO

| | GY | BK |
|-------------|-------|-------|
| 12/24V ACDC | 91208 | 91207 |
| 90/240V AC | 91210 | 91209 |

P40 A

Piezoelectrical sounder engineered for panel mounting.

Developed with a multichannel technology, the device allows two different levels of alarm (pre-alarm, alarm) controllable via independent electric contacts.

KEY CHARACTERISTICS

NUMBER OF TONES

P40 A: 2 (Intermittent sound - Continuous sound)
P40 A JUNIOR: 1 (Continuous sound)

VOLTAGES

P40 A: 12/24V ACDC, 48/240V AC +/-10%
P40 A JUNIOR: 12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Self-extinguishing PC body totally protected against vibrations, dust and atmospheric elements. Weather protection guaranteed by EPDM o-ring on dome and polyurethane gasket on base. Can be panel mounted through a 30mm hole and secured with the locking ring provided

ACOUSTIC FEATURES

Electronic circuit with multitension buzzer

Intermittent sound (pre-alarm)

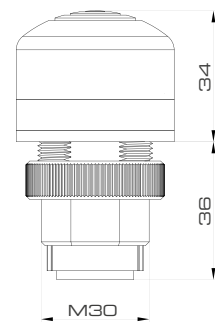
Continuous sound (alarm)

Sound frequency

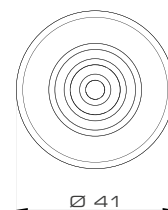
P40 A: 3500+/-100Hz

P40 A JUNIOR: 3000+/-100Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



P40 A
P40 A JUNIOR



CERTIFICATIONS



P40 A LED



P40 A LED



> MULTICHANNEL <
> 85 dB max <



P40 A LED | PART NO

| | | | | | | |
|----|-------------|--------|-------|-------|--------|-------|
| | Blue | Orange | Red | Green | Yellow | White |
| GY | 12/24V ACDC | | | | | |
| | 91181 | 91182 | 91183 | 91184 | 91185 | 91186 |
| BK | 48/240V AC | | | | | |
| | 91201 | 91202 | 91203 | 91204 | 91205 | 91206 |

| | | | | | | |
|----|-------------|-------|-------|-------|-------|-------|
| BK | 12/24V ACDC | | | | | |
| | 91191 | 91192 | 91193 | 91194 | 91195 | 91196 |
| BK | 48/240V AC | | | | | |
| | 91211 | 91212 | 91213 | 91214 | 91215 | 91216 |

P40 A LED

Piezoelectrical sounder with LED light engineered for panel mounting.

Developed with a multichannel technology, the device allows three levels of alarm (alert, pre-alarm, alarm) controllable via independent electric contacts.

KEY CHARACTERISTICS

NUMBER OF TONES

2 (Intermittent sound - Continuous sound)

LIGHT EFFECTS

LEVEL 1: FLASHING LIGHT

LEVEL 2: FLASHING LIGHT + INTERMITTENT SOUND

LEVEL 3: STEADY LIGHT + CONTINUOUS SOUND

VOLTAGES

12/24V ACDC, 48/240V AC +/-10%

PROTECTION GRADE

IP65

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Self-extinguishing PC body totally protected against vibrations, dust and atmospheric elements. Weather protection guaranteed by EPDM o-ring on dome and polyurethane gasket on base. Can be panel mounted through a 30mm hole and secured with the locking ring provided

ACOUSTIC FEATURES

Electronic circuit with multitension buzzer

Intermittent sound (pre-alarm)

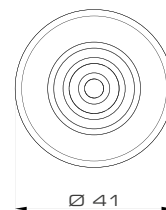
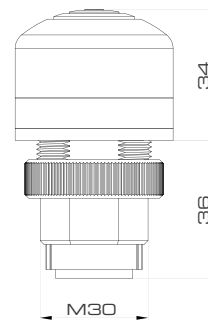
Continuous sound (alarm)

Sound frequency: 3500+/-100Hz

OPTICAL FEATURES

3 bright LEDs. Transparent polycarbonate dome

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

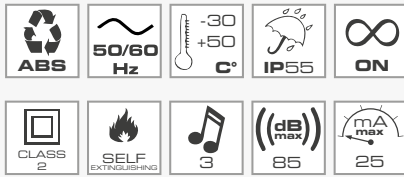




BIMF LED



> 85 dB max <



BIMF LED | PART NO

| | GY | BK | RD |
|--------------|-------|-------|-------|
| 12/240V ACDC | 38030 | 38031 | 38032 |

BIMF LED

Small size multifunctional sounder with LED light engineered for panel mount applications.

Developed with acoustic piezoelectrical capsule, the device generates a characteristic continuous or intermittent sound (slow or fast mode).

The luminous signalization can be steady (with continuous sound) or slow/fast flashing light (respectively with slow and fast intermittent sound).

KEY CHARACTERISTICS

NUMBER OF TONES

3 (Continuous Sound - Slow/Fast Intermittent Sound)

VOLTAGES

12/240V ACDC +/-10%

PROTECTION GRADE

IP55

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

ABS body, washer and lockring

Screw mounting or flush mounting through the lockring provided (Ø12mm). Adapter for holes Ø16mm - 22mm supplied with the product

ACOUSTIC FEATURES

Acoustic piezoelectrical capsule

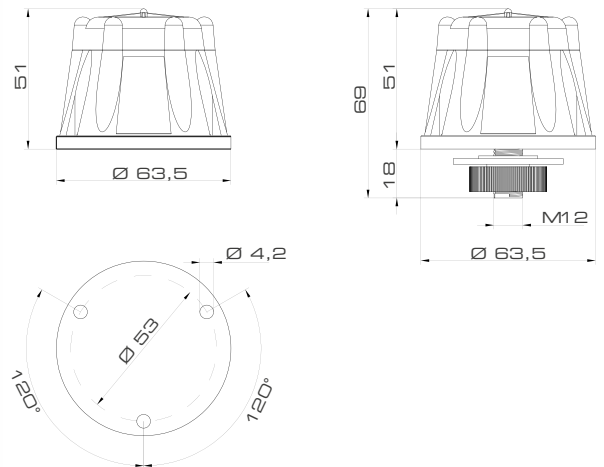
Continuous Sound - Slow/Fast Intermittent Sound selectable via dip-switch

Frequency: 2500+/-500Hz

OPTICAL FEATURES

6 red LEDs producing a steady or slow/fast flashing light, respectively combined with continuous or intermittent sound

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

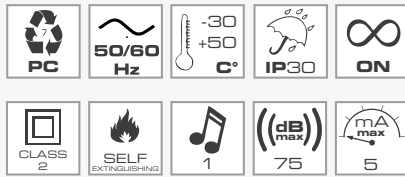




BIP 92



> 75 dB max <



BIP 92 | PART NO

| | GY | BK |
|----------|-------|-------|
| 12V ACDC | 42318 | 33080 |
| 24V ACDC | 42319 | 33081 |
| 48V ACDC | 42320 | 33082 |
| 110V DC | 42321 | 33083 |
| 110V AC | 42322 | 33084 |
| 240V DC | 42325 | 33088 |
| 240V AC | 42326 | 33087 |

BIP 92

Sounder engineered for panel mount applications.

Developed with acoustic piezoelectrical capsule, the device generates a characteristic intermittent sound.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Intermittent Sound)

VOLTAGES
12V ACDC, 24V ACDC, 48V ACDC, 110V DC, 110V AC, 240V DC, 240V AC +/-10%

PROTECTION GRADE
IP30

OPERATING TEMPERATURE
-30/+50 °C

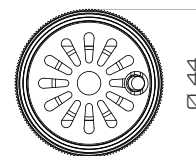
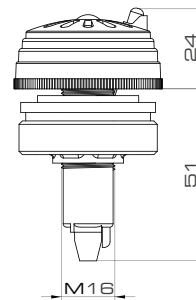
MECHANICAL FEATURES

PC body and locking
Flush mounting (holes Ø16mm - 22mm - 30mm) through the locking provided

ACOUSTIC FEATURES

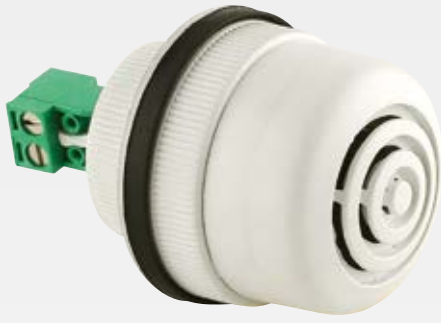
Acoustic piezoelectrical capsule
Intermittent Sound
Frequency: 3600Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

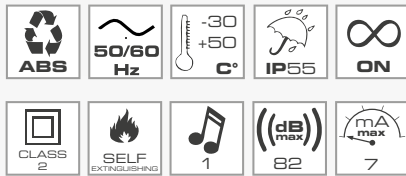




BEBIP



> 82 dB max <



BEBIP | PART NO

| | GY | BK |
|----------|-------|-------|
| 12V ACDC | 38000 | 38007 |
| 24V ACDC | 38001 | 38008 |
| 48V ACDC | 38002 | 38009 |
| 110V DC | 38003 | 38010 |
| 110V AC | 38004 | 38011 |
| 240V DC | 38005 | 38012 |
| 240V AC | 38006 | 38013 |

BEBIP

Sounder engineered for panel mount applications.

Developed with acoustic piezoelectrical capsule, the device generates a characteristic intermittent sound.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Intermittent Sound)

VOLTAGES
12V ACDC, 24V ACDC, 48V ACDC, 110V DC, 110V AC, 240V DC, 240V AC +/-10%

PROTECTION GRADE
IP55

OPERATING TEMPERATURE
-30/+50 °C

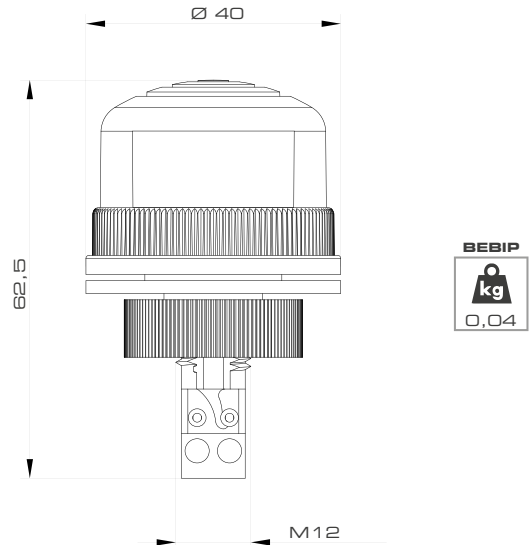
MECHANICAL FEATURES

ABS body and locking
Flush mounting (holes Ø16mm - 22mm - 30mm) through the locking provided

ACOUSTIC FEATURES

Acoustic piezoelectrical capsule
Intermittent Sound
Frequency: 4000+/-300Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





BIP 84



> 80 dB max <



BIP 84 | PART NO

| | GY | BK |
|----------|-------|-------|
| 12V ACDC | 42345 | 33060 |
| 24V ACDC | 42346 | 33061 |
| 48V ACDC | 42347 | 33065 |
| 110V DC | 42348 | 33067 |
| 110V AC | 42349 | 33063 |
| 240V DC | 42352 | 33069 |
| 240V AC | 42353 | 33066 |

BIP 84

Sounder with LED light engineered for panel mount applications.

Developed with acoustic piezoelectrical capsule, the device generates a characteristic intermittent sound.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Intermittent Sound)

VOLTAGES
12V ACDC, 24V ACDC, 48V ACDC, 110V DC, 110V AC, 240V DC, 240V AC +/-10%

PROTECTION GRADE
IP30

OPERATING TEMPERATURE
-30/+50 °C

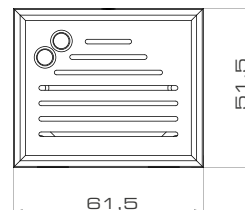
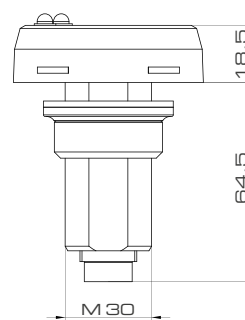
MECHANICAL FEATURES

PC body and aluminium locking
Flush mounting (holes Ø30mm) through the locking provided

ACOUSTIC FEATURES

Acoustic piezoelectrical capsule
Intermittent Sound
Frequency: 2200/3500Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS

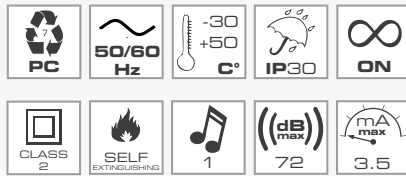




BIP 81



> 72 dB max <



BIP 81

Sounder with LED light engineered for panel mount applications.

Developed with acoustic piezoelectrical capsule, the device generates a characteristic intermittent sound.

KEY CHARACTERISTICS

NUMBER OF TONES
1 (Intermittent Sound)

VOLTAGES
12V ACDC, 24V ACDC, 48V ACDC, 110V DC, 110V AC, 240V DC, 240V AC +/-10%

PROTECTION GRADE
IP30

OPERATING TEMPERATURE
-30/+50 °C

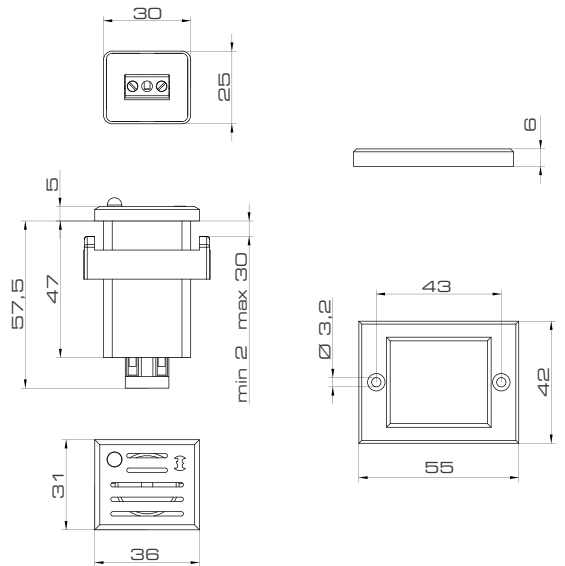
MECHANICAL FEATURES

PC body
Flush mounting for square holes

ACOUSTIC FEATURES

Acoustic piezoelectrical capsule
Intermittent Sound
Frequency: 1800Hz

DRAWINGS, DIMENSIONS AND WEIGHTS



BIP 81 | PART NO

| | GY | BK |
|----------|-------|-------|
| 12V ACDC | 42300 | 33010 |
| 24V ACDC | 42301 | 33011 |
| 48V ACDC | 42302 | 33015 |
| 110V DC | 42303 | 33040 |
| 110V AC | 42304 | 33012 |
| 240V DC | 42307 | 33042 |
| 240V AC | 42308 | 33014 |

CERTIFICATIONS



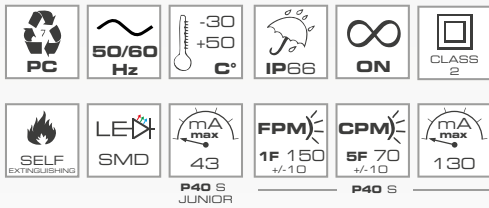
P40 S



P40 S
P40 JUNIOR



> BRIGHT LED <
> MULTIFUNCTIONAL <
> HIGH IP GRADE <



P40 S | PART NO

| | Blue | Orange | Red | Green | Yellow | White |
|----|--------------------|--------|-------|-------|--------|-------|
| GY | 12/24V ACDC | | | | | |
| | 91131 | 91132 | 91133 | 91134 | 91135 | 91136 |
| BK | 48/240V AC | | | | | |
| | 91151 | 91152 | 91153 | 91154 | 91155 | 91156 |
| BK | 12/24V ACDC | | | | | |
| | 91141 | 91142 | 91143 | 91144 | 91145 | 91146 |
| BK | 48/240V AC | | | | | |
| | 91161 | 91162 | 91163 | 91164 | 91165 | 91166 |

P40 JUNIOR | PART NO

| | Blue | Orange | Red | Green | Yellow | White |
|----|--------------------|--------|-------|-------|--------|-------|
| GY | 12/24V ACDC | | | | | |
| | 91221 | 91222 | 91223 | 91224 | 91225 | 91226 |
| BK | 90/240V AC | | | | | |
| | 91241 | 91242 | 91243 | 91244 | 91245 | 91246 |
| BK | 12/24V ACDC | | | | | |
| | 91231 | 91232 | 91233 | 91234 | 91235 | 91236 |
| BK | 90/240V AC | | | | | |
| | 91251 | 91252 | 91253 | 91254 | 91255 | 91256 |

P40 S

Multifunctional LED beacon engineered for panel mounting.

Developed with a multichannel technology, the device allows three different light effects (steady, flashing, strobe) controllable via independent electric contacts.

KEY CHARACTERISTICS

LIGHT EFFECTS

P40 S: STEADY, FLASHING, STROBE

P40 JUNIOR: STEADY

VOLTAGES

P40 S: 12/24V ACDC, 48/240V AC +/-10%

P40 JUNIOR: 12/24V ACDC, 90/240V AC +/-10%

PROTECTION GRADE

IP66

OPERATING TEMPERATURE

-30/+50 °C

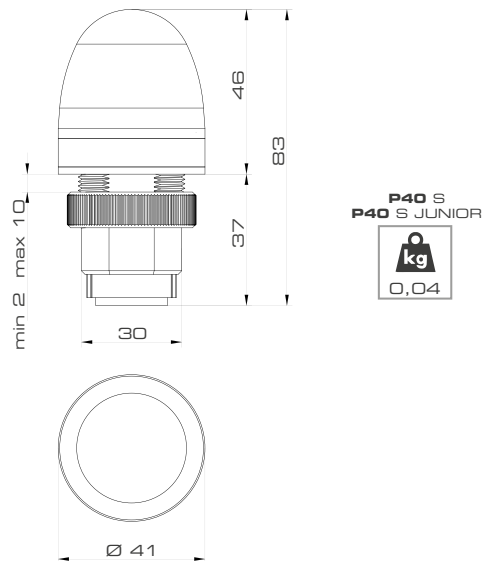
MECHANICAL FEATURES

Self-extinguishing PC body totally protected against vibrations, dust and atmospheric elements. Weather protection guaranteed by EPDM o-ring on dome and polyurethane gasket on base. Can be panel mounted through a 30mm hole and secured with the locking ring provided

OPTICAL FEATURES

4 bright LEDs. Polycarbonate dome with 360 degrees light-diffusion design in conjunction with a light-concentrating lens on the top of the device to maximize frontal performance

DRAWINGS, DIMENSIONS AND WEIGHTS



CERTIFICATIONS





P40 RGA

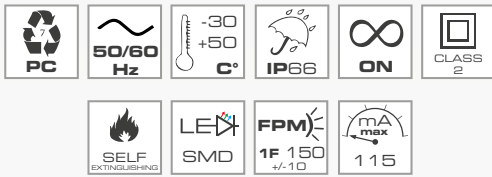


DOMES



BASES

> MULTICOLOR LED <
> 3 SELECTABLE COLORS <
> HIGH IP GRADE <



P40 RGA

Multicolor LED beacon engineered for panel mounting.

Developed with a multichannel technology, the device allows three different colors (red, amber, green) controllable via independent electric contacts. Available in steady or flashing version.

KEY CHARACTERISTICS

LIGHT EFFECTS

STEADY: STEADY LIGHT

FLASHING: FLASHING LIGHT

VOLTAGES

12/24V ACDC, 48/240V AC +/-10%

PROTECTION GRADE

IP66

OPERATING TEMPERATURE

-30/+50 °C

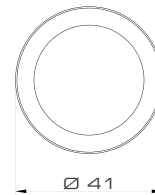
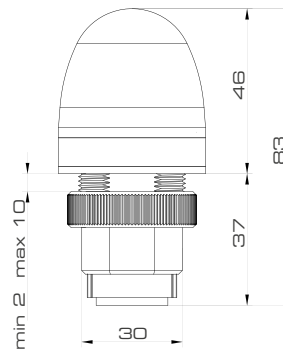
MECHANICAL FEATURES

Self-extinguishing PC body totally protected against vibrations, dust and atmospheric elements. Weather protection guaranteed by EPDM o-ring on dome and polyurethane gasket on base. Can be panel mounted through a 30mm hole and secured with the locking ring provided

OPTICAL FEATURES

1 bright RGA multicolor LED. Polycarbonate opaline dome for a smooth coloring of the device according to the selected color

DRAWINGS, DIMENSIONS AND WEIGHTS



P40 RGA | PART NO



| | | STEADY | FLASHING |
|----|-------------|--------|----------|
| GY | 12/24V ACDC | 91167 | 91168 |
| | 48/240V AC | 91171 | 91172 |
| BK | 12/24V ACDC | 91169 | 91170 |
| | 48/240V AC | 91173 | 91174 |

CERTIFICATIONS

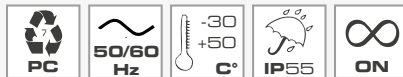




FWL



> **LOW CONSUMPTION** <
> **EXCELLENT OPTICAL PERFORMANCE** <



FWL **new**

Compact size LED linear warning light suitable for panel mounted applications.

Available in six colors and two different lens types: allCOLOR and allCLEAR.

The device allows two light effects: triple-flash strobe effect (3F) and low intensity steady light.

Polycarbonate lens and housing.

KEY CHARACTERISTICS

LIGHT EFFECTS

TRIPLE-FLASH STROBE EFFECT (3F)
LOW INTENSITY STEADY LIGHT

VOLTAGES

12/24V ACDC +/-10%

PROTECTION GRADE

IP55

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Self-extinguishing polycarbonate lens and housing with high impact resistance.

It can be installed using screws (not supplied) or using 3M double sided tape (supplied with the product)

OPTICAL FEATURES

Optical group made up of 3 superbright LEDs allowing a high intensity strobe effect (triple flash) or low intensity steady light.

Available with 2 different lens types:

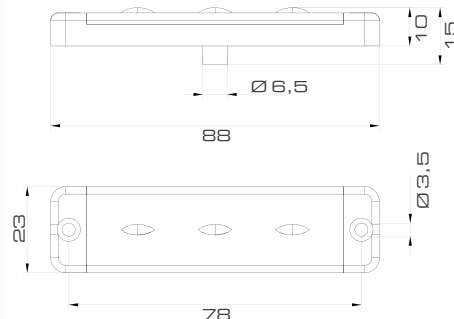
allCOLOR

Colored lens with colored light source

allCLEAR

Clear lens with colored light source

DRAWINGS, DIMENSIONS AND WEIGHTS



FWL | PART NO

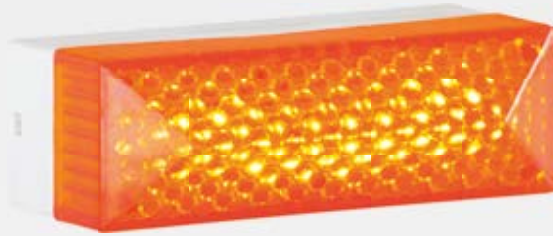
allCOLOR
12/24V ACDC
90260 90287 90261 90262 90263 90264

allCLEAR
12/24V ACDC
90265 90288 90266 90267 90268

CERTIFICATIONS



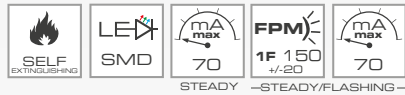
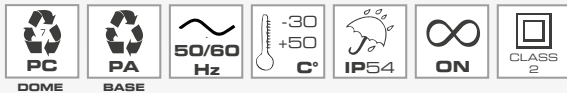
85 LED S



85 LED S STEADY
85 LED S STEADY/FLASHING



> **LOW CONSUMPTION** <
> **EXCELLENT OPTICAL PERFORMANCE** <



85 LED S

Compact size LED linear warning light suitable for panel mounted applications.

Available in two different versions: steady light (85 LED S STEADY) and steady/flashing light (85 LED S STEADY/FLASHING).

KEY CHARACTERISTICS

LIGHT EFFECTS

85 LED S STEADY: STEADY LIGHT

85 LED S STEADY/FLASHING: STEADY/FLASHING LIGHT

VOLTAGES

24V ACDC, 48V ACDC, 110V AC, 240V AC +/-10%

PROTECTION GRADE

IP54

OPERATING TEMPERATURE

-30/+50 °C

MECHANICAL FEATURES

Polyamide base and self-extinguishing high impact resistance polycarbonate dome

Screw mounting, screws not included

OPTICAL FEATURES

85 LED S STEADY: 8 LEDs with high optical performance providing steady light

85 LED S STEADY/FLASHING: 8 LEDs with high optical performance providing steady/flashing light

85 LED S STEADY | PART NO



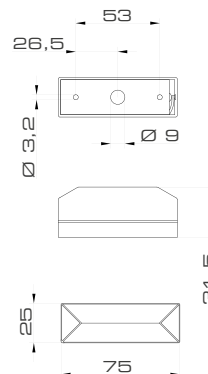
| | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|
| 24V ACDC | 66801 | 66802 | 66803 | 66804 | 66805 | 66806 |
| 48V ACDC | 66811 | 66812 | 66813 | 66814 | 66815 | 66816 |
| 110V AC | 66821 | 66822 | 66823 | 66824 | 66825 | 66826 |
| 240V AC | 66831 | 66832 | 66833 | 66834 | 66835 | 66836 |

85 LED S STEADY/FLASHING | PART NO



| | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|
| 24V ACDC | 66881 | 66882 | 66883 | 66884 | 66885 | 66886 |
| 48V ACDC | 66891 | 66892 | 66893 | 66894 | 66895 | 66896 |
| 110V AC | 66901 | 66902 | 66903 | 66904 | 66905 | 66906 |
| 240V AC | 66911 | 66912 | 66913 | 66914 | 66915 | 66916 |

DRAWINGS, DIMENSIONS AND WEIGHTS



85 LED S STEADY
85 LED S STEADY/FLASHING



CERTIFICATIONS



ELECTRA

SPARE BULBS

BA 15d 5W

| box | 1x25 pcs | single box | box 25 pcs |
|------|----------|------------|------------|
| 12V | 70970 | 12V | 70941 |
| 24V | 70971 | 24V | 70942 |
| 48V | 70972 | 48V | 70943 |
| 110V | 70973 | 110V | 70944 |
| 240V | 70974 | 240V | 70945 |

CTL 600 STEADY, CTL 600 STEADY/FLASHING, MICROLAMP STEADY, MICROLAMP STEADY/FLASHING, OVOLUX STEADY, OVOLUX FLASHING, SEM STEADY, SEM FLASHING

BA 15d 10W

| box | 1x25 pcs | single box | box 25 pcs |
|------|----------|------------|------------|
| 12V | 70975 | 12V | 70946 |
| 24V | 70976 | 24V | 70947 |
| 48V | 70977 | 48V | 70948 |
| 110V | 70978 | 110V | 70949 |
| 240V | 70979 | 240V | 70950 |

CTL 900 STEADY, CTL 900 STEADY/FLASHING, OVOLUX STEADY, OVOLUX FLASHING,

BA 15d 25W

| box | 1x12 pcs | single box | box 12 pcs |
|------|----------|------------|------------|
| 12V | 70980 | 12V | 70951 |
| 24V | 70981 | 24V | 70952 |
| 48V | 70982 | 48V | 70953 |
| 110V | 70983 | 110V | 70954 |
| 240V | 70984 | 240V | 70955 |

CTL 1200 STEADY, CTL 1200 STEADY/FLASHING, MINIFLASH STEADY, MINIFLASH STEADY/FLASHING, MAXIFLASH STEADY, MAXIFLASH STEADY/FLASHING

BA 15d 40W

| box | 1x12 pcs | single box | box 12 pcs |
|------|----------|------------|------------|
| 12V | 70985 | 12V | 70956 |
| 24V | 70986 | 24V | 70957 |
| 48V | 70987 | 48V | 70958 |
| 110V | 70988 | 110V | 70959 |
| 240V | 70989 | 240V | 70960 |

MAXIFLASH STEADY, MAXIFLASH STEADY/FLASHING, ROTALLARM S STEADY/FLASHING, ROTALLARM HD STEADY/FLASHING, ROTALLARM WP STEADY/FLASHING, TYPE 200 STEADY/FLASHING

BA 15s 45W

for DC versions

| | |
|-----|-------|
| 12V | 71600 |
| 24V | 71601 |
| 48V | 71606 |

ROTALLARM S, ROTALLARM HD, ROTALLARM WP, STR STEADY, STR FLASHING

E14S 40W

for AC versions

| | |
|------|-------|
| 110V | 71615 |
| 240V | 71617 |

STR STEADY, STR FLASHING

E14T 25W

for AC versions

| | |
|------|-------|
| 48V | 71663 |
| 110V | 71625 |
| 240V | 71640 |

ROTALLARM S, ROTALLARM HD, ROTALLARM WP

H1

| | |
|-----------|-------|
| 12V (55W) | 71602 |
| 24V (70W) | 71603 |

ROTALLARM S H1, ROTALLARM HD H1, ROTALLARM HD FLASHING H1, ROTALLARM WP H1, ROTALLARM WP FLASHING H1, ROTALLARM S FLASHING H1, STR FLASHING H1, TYPE 200 H1

H Ba Y9s 21W

| | |
|-----|-------|
| 12V | 70915 |
| 24V | 70916 |

ROTSOSPHERE

XENON 1J

70912

CTL 900 X, MICROLAMP X

XENON 2J

71634

OVOLUX X, MINIFLASH X

XENON 6J

71639

CTL 1200 X, FAROLAMP X, MAXIFLASH X, ROTALLARM S X, ROTALLARM HD X, ROTALLARM WP X, TYPE 200 X

XENON 15J

71638

STR X

NORMATIVES AND TECHNICAL SPECIFICATIONS

European Machine Directive 2006/42/CE requires the installation of appropriate audible and visual warning devices as an essential safety requirement for the operator in industrial environments.

The majority of the issues examined in the directive relate to design characteristics that assure complete safety of the whole “machinery system”. Point 2 of the introduction highlights the ever increasing importance of a signaling device onboard a machine, i.e.:

“The machinery sector is an important part of the engineering industry and is one of the industrial mainstays of the Community economy. The social cost of the large number of accidents caused directly by the use of machinery can be reduced by inherently safe design and construction of machinery and by proper installation and maintenance”.

Sirena has concentrated on the development of signaling equipment suitable for all the safety conditions that the system provides for, not forgetting our philosophy that has always accompanied our “modus operandi” that is... “an alarm signal must always be able to reveal an imminent danger and a dangerous situation”.

ACOUSTIC RANGE

Current International standards for safety require the installation of an audible warning device in order to attract the attention of the operator and to indicate a dangerous or emergency situation.

The suitability of an audible alarm for a specific application is determined by the following factors:

- sound output DECIBEL (dB)
- sound frequency Hertz (Hz)
- the distance between the audible warning device and the operator
- the existing environmental noise.

International safety standards have established that the dB level must be 15dB higher than that of the ambient noise and the siren must, however, have a minimum sound output of 65dB.

The sound frequency of the siren, at the point where the sound output is greatest, must differ as much as possible to the frequency of the ambient noise. Sound frequency, however, must be between 300 and 3000 Hz.

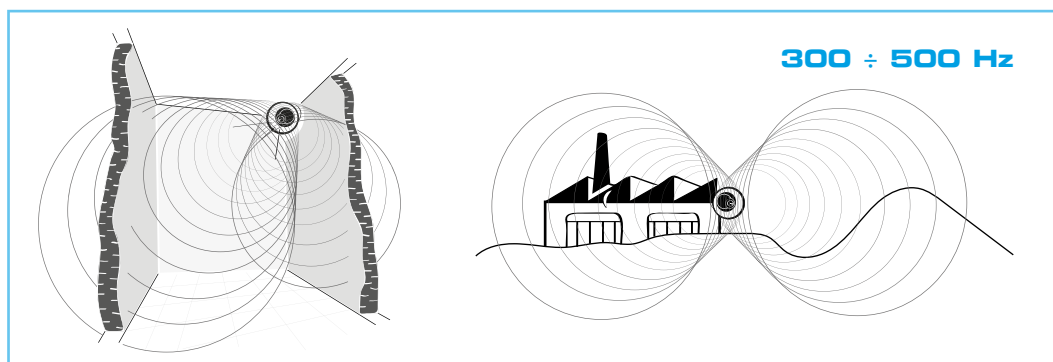
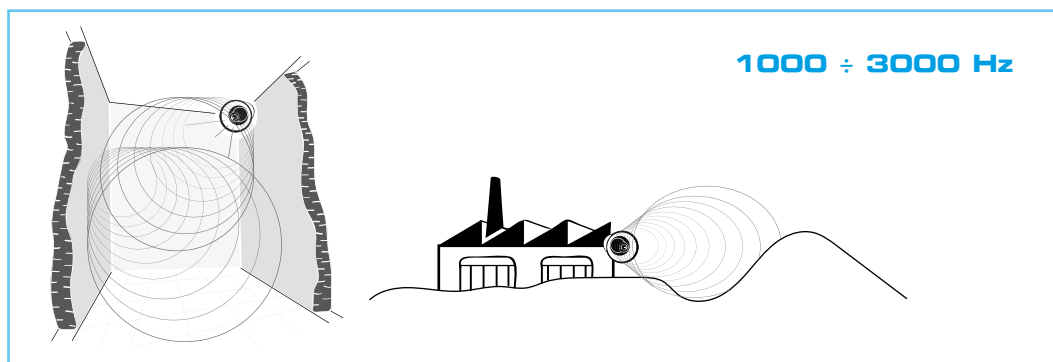
To put these rules into force the use of a phonometer is necessary - an instrument that allows the measurement of the dB and Hz frequency levels - and by consulting the technical data of the various types of audible signals in the Sirena catalogue. The sound output dB (A) level of Sirena's audible warning devices are accurately measured in an anechoic testing chamber at a distance of one meter from the axis of the device, the ratings given in the catalogue refer to maximum sound levels.

To select the correct product to be installed the sound spectrum of the siren must be superimposed upon the sound spectrum of the ambient noise. The differential dB level and the differential frequencies Hz are therefore immediately recognized.

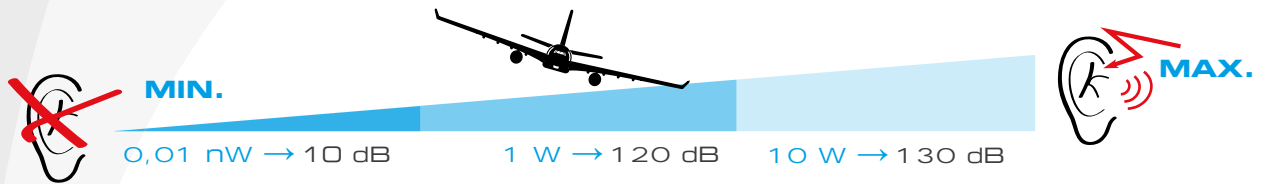
DECIBEL dB(1m) - SOUND LEVEL MEASUREMENT

The sound level is measured in decibels. Exact data relating to the distance the sound can reach are not available as the following factors can influence significantly the sound intensity: type of sound, wind speed and direction, humidity, fog and rain. The table below shows theoretical values.

DIFFUSION OF SOUND WAVES - SOUND INTENSITY



HEARING THRESHOLD



The sound perception of an audible signal, therefore, always depends on the application conditions (see table). An increase in sound of 3 dB is heard as a double sound level.

DISTANCE

| m | dB (A) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 1 | 65 | 70 | 75 | 80 | 85 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 | 122 | 124 | 126 | 128 | 130 | | |
| 2 | 59 | 64 | 69 | 74 | 79 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 | 122 | 124 | | |
| 3 | 55 | 60 | 65 | 70 | 75 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 | | |
| 5 | 51 | 56 | 61 | 66 | 71 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | | |
| 10 | 45 | 50 | 55 | 60 | 65 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | 106 | 108 | 110 | | |
| 20 | 39 | 44 | 49 | 54 | 59 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 | 104 | | |
| 30 | 35 | 40 | 45 | 50 | 55 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | | |
| 50 | = | 36 | 41 | 46 | 51 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | | |
| 100 | | = | = | 40 | 45 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | 86 | 88 | 90 | | |
| 200 | | | | = | 39 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 82 | 84 | | |
| 300 | | | | | = | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | | |
| 500 | | | | | | = | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | | |
| 1000 | | | | | | | = | = | = | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | | |
| 2000 | | | | | | | | | | = | = | = | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | | |
| 3000 | | | | | | | | | | | | | = | = | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | | |
| 5000 | | | | | | | | | | | | | | | = | = | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | | |

LUMINOUS RANGE

Visual warning signals, thanks to their luminous intensity (measure of the wavelength-weighted power emitted by a light source in a particular direction per unit solid angle) and the different colors, create a language code that allows communication between machines and operators.

The luminous intensity varies according to:

- the distance between the luminous point and the observer
- the type of lens
- the colour of the dome

The light intensity of Sirena warning signals is measured in Cd (p) in a photometric chamber. The Cd (p) represents the peak luminous intensity using a transparent dome that allows 100% brightness. The light output is reduced according to the color of the dome.

The correct use of visual signals in industrial environments requires that the light output is always greater than that of the ambient light level with regard to both warning and emergency signaling. The ambient light level must therefore be determined (measured in lux) and is obtained by means of a LUXOMETER.

The choice of a light signal depends therefore on the lux measurement and Cd (p) of the beacon.

It is therefore fundamental to concentrate the light intensity towards the operator to obtain efficient signaling.

The light emitted through the coloured dome does not depend only on the power of the bulb installed. It is often necessary to use secondary optics to amplify the light intensity. Secondary optics are lenses and reflectors that in some cases when added to the existing dome amplify the intensity and allow directional light.

Light signals (steady, rotating or flashing) have different types of light sources and are obtained as follows:

- the on/off cycle of the incandescent bulb
- periodic rotation of a parabolic mirror around the axis of a continuously lit bulb
- the cyclic flash of a xenon discharge tube driven by an electronic circuit
- the on/off cycle of a LED driven by an electronic circuit.

TYPES OF LIGHT SOURCES



INCANDESCENT BULBS

The most traditional technology on the market.

The beacons are fitted with a filament (tungsten) bulb and an additional circuit for the flash function.



HALOGEN BULBS

Particular incandescent bulb that uses Iodine, Krypton and Xenon gas to bring the temperature of the colour to 3000°K and increases the light efficiency.

The halogen bulb has a greater light output than the traditional incandescent bulb with equal watt consumption.



XENON DISCHARGE BULBS

This bulb is based on the emission of electromagnetic radiation from an ionized gas plasma, obtained by an electrical discharge by means of the same gas (High voltage).

The colour temperature is equal to 6000 °K with increased light efficiency.



LED

LED stands for Light Emitting Diode that is a semiconductor light source. This light system was founded in 1962 by Nick Holonyak Jr. in the General Electric laboratories and certainly cannot therefore be considered a new system.



































The traditional filament bulb functions at a very high temperature and are characterized by significant thermal inertia, while LED emit a cold light and can flash at a very high frequency (over Mhz). Today, thanks to technical innovations made in the field, it is possible to obtain excellent results with a LED light source in various sectors, i.e. from domestic lighting to the industrial and automotive sectors, substituting small incandescent, halogen and fluorescent bulbs (more commonly known as energy saving). Recent studies carried out on light efficiency (data measured in Lumen/Watt), that is to say the relation between the quantity of light produced and the consumption, a minimum of 3 lumen to 1W was calculated.

LED technology guarantees numerous advantages:

- A reduction in the quantity of "material" used for their production with respect to the traditional products, resulting therefore in a decrease in volume and weight, that facilitates supplies, stocks and transport of the material as well as in industrial production
- Less content of toxic or harmful substances, LED components are easy to disaggregate, to dispose of and to recycle
- Less UV and IR rays
- Low power consumption
- Practically unlimited life (if compared with other types) thanks to significant reduction in the operating temperature and damage caused by vibrations
- Excellent optical definition.
















ELECTRA

LEGEND

| SYMBOLS PRODUCT PAGES | | |
|--|--|--|
|  MATERIAL POLYCARBONATE |  LUMINOUS SOURCE HALOGEN |  FLASHES PER MINUTE 150 +/-20 |
|  MATERIAL POLYCARB./ABS |  LUMINOUS SOURCE HALOGEN |  ROTATIONS PER MINUTE 160 +/-30 |
|  MATERIAL STAINLESS STEEL |  LUMINOUS SOURCE INCANDESCENT |  CYCLES PER MINUTE 3F 140 +/-10 |
|  MATERIAL ABS |  LUMINOUS SOURCE INCANDESCENT |  NUMBER OF TONES 1 |
|  MATERIAL ALUMINIUM |  LUMINOUS SOURCE INCANDESCENT |  SOUND OUTPUT MAX. 101 |
|  MATERIAL POLYAMIDE (NYLON) |  CONTINUOUS OPERATION |  CABLE GLAND M12 |
|  MATERIAL STEEL |  SERVICE LIFE |  CABLE GLAND 20mm |
|  FREQUENCY 50/60 Hz |  INSULATION CLASS II |  USE WITH PLC READY |
|  TEMPERATURE MIN. AND MAX. -30 +40 C° |  SELF-EXTINGUISHING |  CE CERTIFICATION EN60598-1 EN61000-6-3 EN61000-6-2 |
|  IP GRADE IP54 |  SOUND OUTPUT 4W |  UL CERTIFICATION FOR US AND CANADA TYPE 4X |
|  LUMINOUS SOURCE LED |  PEAK CANDELAS MAX. CD max 270 | |
|  LUMINOUS SOURCE XENON |  CURRENT CONSUMPTION MAX. mA max 280 | |

ELECTRA

IP GRADE

| 1 ST DIGIT | | 2 ND DIGIT | |
|---|---|---|---|
| PROTECTION AGAINST ACCIDENTAL CONTACT AND PENETRATION BY SOLID FOREIGN BODIES | | PROTECTION AGAINST PENETRATION OF LIQUIDS | |
|  | IP0X NO PARTICULAR PROTECTION |  | IPX0 NO PARTICULAR PROTECTION |
|  | IP1X PROTECTION AGAINST SOLID BODIES OVER 50 MM AND AGAINST CONTACTS BY LARGE SURFACES OF THE HUMAN BODY (e.g. the hands) |  | IPX1 PROTECTION AGAINST THE VERTICAL FALL OF DROPS OF WATER (e.g. condensation) |
|  | IP2X PROTECTION AGAINST SOLID BODIES OVER 12,5 MM AND AGAINST FINGER CONTACT |  | IPX2 PROTECTION AGAINST THE VERTICAL FALL OF DROPS OF WATER WITH A MAXIMUM INCLINE OF 15° |
|  | IP3X PROTECTION AGAINST SOLID BODIES OVER 2,5 MM (e.g. tools, wires) |  | IPX3 PROTECTION AGAINST THE VERTICAL FALL OF DROPS OF WATER WITH A MAXIMUM INCLINE OF 60° |
|  | IP4X PROTECTION AGAINST PENETRATION OF SOLID BODIES WITH A DIAMETER OR THICKNESS OVER 1MM (e.g. wires) |  | IPX4 PROTECTION AGAINST SPLASHES OF WATER FROM ALL DIRECTIONS |
|  | IP5X DUST PENETRATION IS NOT FULLY EXCLUDED, BUT THE QUANTITY THAT PENETRATES CAUSES NO DAMAGING EFFECTS |  | IPX5 PROTECTION AGAINST JETS OF WATER FROM ALL DIRECTIONS |
|  | IP6X NO DUST PENETRATION IS PERMITTED |  | IPX7 PROTECTION AGAINST THE EFFECTS OF IMMERSION |
| | |  | IPX8 PROTECTION AGAINST THE EFFECTS OF PROLONGED IMMERSION UNDER PRESSURE |

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| 27498 | CTL1200 X A CLR V110AC | GY 45 | 30066 | OVOLUX FLA CLR R V12/48DC | BK 47 | 30176 | OVOLUX X CLR R V110AC | GY 47 |
| 27560 | CTL900 X BLU V12/24DAC | BK 45 | 30071 | OVOLUX FLA BLU M V12/48DC | GY 47 | 30181 | OVOLUX X BLU R V110AC | BK 47 |
| 27561 | CTL900 X AMB V12/24DAC | BK 45 | 30072 | OVOLUX FLA AMB M V12/48DC | GY 47 | 30182 | OVOLUX X AMB R V110AC | BK 47 |
| 27562 | CTL900 X RED V12/24DAC | BK 45 | 30073 | OVOLUX FLA RED M V12/48DC | GY 47 | 30183 | OVOLUX X RED R V110AC | BK 47 |
| 27563 | CTL900 X GRE V12/24DAC | BK 45 | 30074 | OVOLUX FLA GRE M V12/48DC | GY 47 | 30184 | OVOLUX X GRE R V110AC | BK 47 |
| 27564 | CTL900 X YEL V12/24DAC | BK 45 | 30075 | OVOLUX FLA YEL M V12/48DC | GY 47 | 30185 | OVOLUX X YEL R V110AC | BK 47 |
| 27565 | CTL900 X CLR V12/24DAC | BK 45 | 30076 | OVOLUX FLA CLR M V12/48DC | GY 47 | 30186 | OVOLUX X CLR R V110AC | BK 47 |
| 27566 | CTL900 X A BLU V12/24DAC | GY 45 | 30081 | OVOLUX FLA BLU M V12/48DC | BK 47 | 30191 | OVOLUX X BLU M V110AC | GY 47 |

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| 30192 | OVOLUX X AMB M | V110AC GY 47 | 31382 | OVOLUX X AMB E | V110AC BK 47 | 31752 | TYPE 200 LED AMB | V24DAC BK 68 |
| 30193 | OVOLUX X RED M | V110AC GY 47 | 31383 | OVOLUX X RED E | V110AC BK 47 | 31753 | TYPE 200 LED RED | V24DAC BK 68 |
| 30194 | OVOLUX X GRE M | V110AC GY 47 | 31384 | OVOLUX X GRE E | V110AC BK 47 | 31754 | TYPE 200 LED GRE | V24DAC BK 68 |
| 30195 | OVOLUX X YEL M | V110AC GY 47 | 31385 | OVOLUX X YEL E | V110AC BK 47 | 31755 | TYPE 200 LED YEL | V24DAC BK 68 |
| 30196 | OVOLUX X CLR M | V110AC GY 47 | 31386 | OVOLUX X CLR E | V110AC BK 47 | 31756 | TYPE 200 LED CLR | V24DAC BK 68 |
| 30201 | OVOLUX X BLU M | V110AC BK 47 | 31391 | OVOLUX X BLU E | V240AC GY 47 | 31761 | TYPE 200 LED BLU | V48DAC BK 68 |
| 30202 | OVOLUX X AMB M | V110AC BK 47 | 31392 | OVOLUX X AMB E | V240AC GY 47 | 31762 | TYPE 200 LED AMB | V48DAC BK 68 |
| 30203 | OVOLUX X RED M | V110AC BK 47 | 31393 | OVOLUX X RED E | V240AC GY 47 | 31763 | TYPE 200 LED RED | V48DAC BK 68 |
| 30204 | OVOLUX X GRE M | V110AC BK 47 | 31394 | OVOLUX X GRE E | V240AC GY 47 | 31764 | TYPE 200 LED GRE | V48DAC BK 68 |
| 30205 | OVOLUX X YEL M | V110AC BK 47 | 31395 | OVOLUX X YEL E | V240AC GY 47 | 31765 | TYPE 200 LED YEL | V48DAC BK 68 |
| 30206 | OVOLUX X CLR M | V110AC BK 47 | 31396 | OVOLUX X CLR E | V240AC GY 47 | 31766 | TYPE 200 LED CLR | V48DAC BK 68 |
| 30211 | OVOLUX X BLU R | V240AC GY 47 | 31401 | OVOLUX X BLU E | V240AC BK 47 | 31771 | TYPE 200 LED BLU | V110AC BK 68 |
| 30212 | OVOLUX X AMB R | V240AC GY 47 | 31402 | OVOLUX X AMB E | V240AC BK 47 | 31772 | TYPE 200 LED AMB | V110AC BK 68 |
| 30213 | OVOLUX X RED R | V240AC GY 47 | 31403 | OVOLUX X RED E | V240AC BK 47 | 31773 | TYPE 200 LED RED | V110AC BK 68 |
| 30214 | OVOLUX X GRE R | V240AC GY 47 | 31404 | OVOLUX X GRE E | V240AC BK 47 | 31774 | TYPE 200 LED GRE | V110AC BK 68 |
| 30215 | OVOLUX X YEL R | V240AC GY 47 | 31405 | OVOLUX X YEL E | V240AC BK 47 | 31775 | TYPE 200 LED YEL | V110AC BK 68 |
| 30216 | OVOLUX X CLR R | V240AC GY 47 | 31406 | OVOLUX X CLR E | V240AC BK 47 | 31776 | TYPE 200 LED CLR | V110AC BK 68 |
| 30221 | OVOLUX X BLU R | V240AC BK 47 | 31411 | OVOLUX X BLU E | V240AC GY 47 | 31781 | TYPE 200 LED BLU | V240AC BK 68 |
| 30222 | OVOLUX X AMB R | V240AC BK 47 | 31412 | OVOLUX X AMB E | V240AC GY 47 | 31782 | TYPE 200 LED AMB | V240AC BK 68 |
| 30223 | OVOLUX X RED R | V240AC BK 47 | 31413 | OVOLUX X RED E | V240AC GY 47 | 31783 | TYPE 200 LED RED | V240AC BK 68 |
| 30224 | OVOLUX X GRE R | V240AC BK 47 | 31414 | OVOLUX X GRE E | V240AC GY 47 | 31784 | TYPE 200 LED GRE | V240AC BK 68 |
| 30225 | OVOLUX X YEL R | V240AC BK 47 | 31415 | OVOLUX X YEL E | V240AC GY 47 | 31785 | TYPE 200 LED YEL | V240AC BK 68 |
| 30226 | OVOLUX X CLR R | V240AC BK 47 | 31416 | OVOLUX X CLR E | V240AC GY 47 | 31786 | TYPE 200 LED CLR | V240AC BK 68 |
| 30231 | OVOLUX X BLU M | V240AC GY 47 | 31421 | OVOLUX FLA BLU E | V12/48DC GY 47 | 31801 | TYPE 200 S/F BLU | V12/48DC BK 68 |
| 30232 | OVOLUX X AMB M | V240AC GY 47 | 31422 | OVOLUX FLA AMB E | V12/48DC GY 47 | 31802 | TYPE 200 S/F AMB | V12/48DC BK 68 |
| 30233 | OVOLUX X RED M | V240AC GY 47 | 31423 | OVOLUX FLA RED E | V12/48DC GY 47 | 31803 | TYPE 200 S/F RED | V12/48DC BK 68 |
| 30234 | OVOLUX X GRE M | V240AC GY 47 | 31424 | OVOLUX FLA GRE E | V12/48DC GY 47 | 31804 | TYPE 200 S/F GRE | V12/48DC BK 68 |
| 30235 | OVOLUX X YEL M | V240AC GY 47 | 31425 | OVOLUX FLA YEL E | V12/48DC GY 47 | 31805 | TYPE 200 S/F YEL | V12/48DC BK 68 |
| 30236 | OVOLUX X CLR M | V240AC GY 47 | 31426 | OVOLUX FLA CLR E | V12/48DC GY 47 | 31806 | TYPE 200 S/F CLR | V12/48DC BK 68 |
| 30241 | OVOLUX X BLU M | V240AC BK 47 | 31431 | OVOLUX FLA BLU E | V12/48DC BK 47 | 31811 | TYPE 200 S/F BLU | V24/240AC BK 68 |
| 30242 | OVOLUX X AMB M | V240AC BK 47 | 31432 | OVOLUX FLA AMB E | V12/48DC BK 47 | 31812 | TYPE 200 S/F AMB | V24/240AC BK 68 |
| 30243 | OVOLUX X RED M | V240AC BK 47 | 31433 | OVOLUX FLA RED E | V12/48DC BK 47 | 31813 | TYPE 200 S/F RED | V24/240AC BK 68 |
| 30244 | OVOLUX X GRE M | V240AC BK 47 | 31434 | OVOLUX FLA GRE E | V12/48DC BK 47 | 31814 | TYPE 200 S/F GRE | V24/240AC BK 68 |
| 30245 | OVOLUX X YEL M | V240AC BK 47 | 31435 | OVOLUX FLA YEL E | V12/48DC BK 47 | 31815 | TYPE 200 S/F YEL | V24/240AC BK 68 |
| 30246 | OVOLUX X CLR M | V240AC BK 47 | 31436 | OVOLUX FLA CLR E | V12/48DC BK 47 | 31816 | TYPE 200 S/F CLR | V24/240AC BK 68 |
| 31331 | OVOLUX STY BLU E | V12/240DAC GY 47 | 31441 | OVOLUX X BLU E | V240AC BK 47 | 31821 | TYPE 200 X BLU | V12/24DAC BK 68 |
| 31332 | OVOLUX STY AMB E | V12/240DAC GY 47 | 31442 | OVOLUX X AMB E | V240AC BK 47 | 31822 | TYPE 200 X AMB | V12/24DAC BK 68 |
| 31333 | OVOLUX STY RED E | V12/240DAC GY 47 | 31443 | OVOLUX X RED E | V240AC BK 47 | 31823 | TYPE 200 X RED | V12/24DAC BK 68 |
| 31334 | OVOLUX STY GRE E | V12/240DAC GY 47 | 31444 | OVOLUX X GRE E | V240AC BK 47 | 31824 | TYPE 200 X GRE | V12/24DAC BK 68 |
| 31335 | OVOLUX STY YEL E | V12/240DAC GY 47 | 31445 | OVOLUX X YEL E | V240AC BK 47 | 31825 | TYPE 200 X YEL | V12/24DAC BK 68 |
| 31336 | OVOLUX STY CLR E | V12/240DAC GY 47 | 31446 | OVOLUX X CLR E | V240AC BK 47 | 31826 | TYPE 200 X CLR | V12/24DAC BK 68 |
| 31341 | OVOLUX STY BLU E | V12/240DAC BK 47 | 31701 | TYPE 200 BLU | V120AC H1 BK 68 | 31831 | TYPE 200 X BLU | V110AC BK 68 |
| 31342 | OVOLUX STY AMB E | V12/240DAC BK 47 | 31702 | TYPE 200 AMB | V120AC H1 BK 68 | 31832 | TYPE 200 X AMB | V110AC BK 68 |
| 31343 | OVOLUX STY RED E | V12/240DAC BK 47 | 31703 | TYPE 200 RED | V120AC H1 BK 68 | 31833 | TYPE 200 X RED | V110AC BK 68 |
| 31344 | OVOLUX STY GRE E | V12/240DAC BK 47 | 31704 | TYPE 200 GRE | V120AC H1 BK 68 | 31834 | TYPE 200 X GRE | V110AC BK 68 |
| 31345 | OVOLUX STY YEL E | V12/240DAC BK 47 | 31705 | TYPE 200 YEL | V120AC H1 BK 68 | 31835 | TYPE 200 X YEL | V110AC BK 68 |
| 31346 | OVOLUX STY CLR E | V12/240DAC BK 47 | 31706 | TYPE 200 CLR | V120AC H1 BK 68 | 31836 | TYPE 200 X CLR | V110AC BK 68 |
| 31351 | OVOLUX FLA BLU E | V24/240AC GY 47 | 31711 | TYPE 200 BLU | V240AC H1 BK 68 | 31841 | TYPE 200 X BLU | V240AC BK 68 |
| 31352 | OVOLUX FLA AMB E | V24/240AC GY 47 | 31712 | TYPE 200 AMB | V240AC H1 BK 68 | 31842 | TYPE 200 X AMB | V240AC BK 68 |
| 31353 | OVOLUX FLA RED E | V24/240AC GY 47 | 31713 | TYPE 200 RED | V240AC H1 BK 68 | 31843 | TYPE 200 X RED | V240AC BK 68 |
| 31354 | OVOLUX FLA GRE E | V24/240AC GY 47 | 31714 | TYPE 200 GRE | V240AC H1 BK 68 | 31844 | TYPE 200 X GRE | V240AC BK 68 |
| 31355 | OVOLUX FLA YEL E | V24/240AC GY 47 | 31715 | TYPE 200 YEL | V240AC H1 BK 68 | 31845 | TYPE 200 X YEL | V240AC BK 68 |
| 31356 | OVOLUX FLA CLR E | V24/240AC GY 47 | 31716 | TYPE 200 CLR | V240AC H1 BK 68 | 31846 | TYPE 200 X CLR | V240AC BK 68 |
| 31361 | OVOLUX FLA BLU E | V24/240AC BK 47 | 31731 | TYPE 200 BLU | V110AC H1 BK 68 | 33010 | BIP 81 | V12DAC BK 84 |
| 31362 | OVOLUX FLA AMB E | V24/240AC BK 47 | 31732 | TYPE 200 AMB | V110AC H1 BK 68 | 33011 | BIP 81 | V24DAC BK 84 |
| 31363 | OVOLUX FLA RED E | V24/240AC BK 47 | 31733 | TYPE 200 RED | V110AC H1 BK 68 | 33012 | BIP 81 | V110AC BK 84 |
| 31364 | OVOLUX FLA GRE E | V24/240AC BK 47 | 31734 | TYPE 200 GRE | V110AC H1 BK 68 | 33014 | BIP 81 | V240AC BK 84 |
| 31365 | OVOLUX FLA YEL E | V24/240AC BK 47 | 31735 | TYPE 200 YEL | V110AC H1 BK 68 | 33015 | BIP 81 | V48DAC BK 84 |
| 31366 | OVOLUX FLA CLR E | V24/240AC BK 47 | 31736 | TYPE 200 CLR | V110AC H1 BK 68 | 33040 | BIP 81 | V110DC BK 84 |
| 31371 | OVOLUX X BLU E | V110AC GY 47 | 31741 | TYPE 200 BLU | V240AC H1 BK 68 | 33042 | BIP 81 | V240DC BK 84 |
| 31372 | OVOLUX X AMB E | V110AC GY 47 | 31742 | TYPE 200 AMB | V240AC H1 BK 68 | 33060 | BIP 84 | V12DAC BK 83 |
| 31373 | OVOLUX X RED E | V110AC GY 47 | 31743 | TYPE 200 RED | V240AC H1 BK 68 | 33061 | BIP 84 | V24DAC BK 83 |
| 31374 | OVOLUX X GRE E | V110AC GY 47 | 31744 | TYPE 200 GRE | V240AC H1 BK 68 | 33063 | BIP 84 | V110AC BK 83 |
| 31375 | OVOLUX X YEL E | V110AC GY 47 | 31745 | TYPE 200 YEL | V240AC H1 BK 68 | 33065 | BIP 84 | V48DAC BK 83 |
| 31376 | OVOLUX X CLR E | V110AC GY 47 | 31746 | TYPE 200 CLR | V240AC H1 BK 68 | 33066 | BIP 84 | V240AC BK 83 |
| 31381 | OVOLUX X BLU E | V110AC BK 47 | 31751 | TYPE 200 LED BLU | V240AC BK 68 | 33067 | BIP 84 | V110DC BK 83 |

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| 33069 | BIP 84 | V240DC BK 83 | 33615 | CTL1200 S/F YEL | V24/240AC GY 45 | 33745 | CTL900 S/F A YEL | V110AC GY 45 |
| 33080 | BIP 92 | V12DAC BK 81 | 33616 | CTL1200 S/F CLR | V24/240AC GY 45 | 33746 | CTL900 S/F A CLR | V110AC GY 45 |
| 33081 | BIP 92 | V24DAC BK 81 | 33621 | CTL1200 S/F BLU | V12/48DC BK 45 | 33761 | CTL900 S/F A BLU | V240AC GY 45 |
| 33082 | BIP 92 | V48DAC BK 81 | 33622 | CTL1200 S/F AMB | V12/48DC BK 45 | 33762 | CTL900 S/F A AMB | V240AC GY 45 |
| 33083 | BIP 92 | V110DC BK 81 | 33623 | CTL1200 S/F RED | V12/48DC BK 45 | 33763 | CTL900 S/F A RED | V240AC GY 45 |
| 33084 | BIP 92 | V110AC BK 81 | 33624 | CTL1200 S/F GRE | V12/48DC BK 45 | 33764 | CTL900 S/F A GRE | V240AC GY 45 |
| 33087 | BIP 92 | V240AC BK 81 | 33625 | CTL1200 S/F YEL | V12/48DC BK 45 | 33765 | CTL900 S/F A YEL | V240AC GY 45 |
| 33088 | BIP 92 | V240DC BK 81 | 33626 | CTL1200 S/F CLR | V12/48DC BK 45 | 33766 | CTL900 S/F A CLR | V240AC GY 45 |
| 33521 | CTL600 S/F BLU | V12/48DC GY 45 | 33631 | CTL1200 S/F BLU | V24/240AC BK 45 | 33771 | CTL1200 S/F A BLU | V12DAC GY 45 |
| 33522 | CTL600 S/F AMB | V12/48DC GY 45 | 33632 | CTL1200 S/F AMB | V24/240AC BK 45 | 33772 | CTL1200 S/F A AMB | V12DAC GY 45 |
| 33523 | CTL600 S/F RED | V12/48DC GY 45 | 33633 | CTL1200 S/F RED | V24/240AC BK 45 | 33773 | CTL1200 S/F A RED | V12DAC GY 45 |
| 33524 | CTL600 S/F GRE | V12/48DC GY 45 | 33634 | CTL1200 S/F GRE | V24/240AC BK 45 | 33774 | CTL1200 S/F A GRE | V12DAC GY 45 |
| 33525 | CTL600 S/F YEL | V12/48DC GY 45 | 33635 | CTL1200 S/F YEL | V24/240AC BK 45 | 33775 | CTL1200 S/F A YEL | V12DAC GY 45 |
| 33526 | CTL600 S/F CLR | V12/48DC GY 45 | 33636 | CTL1200 S/F CLR | V24/240AC BK 45 | 33776 | CTL1200 S/F A CLR | V12DAC GY 45 |
| 33531 | CTL600 S/F BLU | V24/240AC GY 45 | 33651 | CTL600 S/F A BLU | V12DAC GY 45 | 33781 | CTL1200 S/F A BLU | V24DAC GY 45 |
| 33532 | CTL600 S/F AMB | V24/240AC GY 45 | 33652 | CTL600 S/F A AMB | V12DAC GY 45 | 33782 | CTL1200 S/F A AMB | V24DAC GY 45 |
| 33533 | CTL600 S/F RED | V24/240AC GY 45 | 33653 | CTL600 S/F A RED | V12DAC GY 45 | 33783 | CTL1200 S/F A RED | V24DAC GY 45 |
| 33534 | CTL600 S/F GRE | V24/240AC GY 45 | 33654 | CTL600 S/F A GRE | V12DAC GY 45 | 33784 | CTL1200 S/F A GRE | V24DAC GY 45 |
| 33535 | CTL600 S/F YEL | V24/240AC GY 45 | 33655 | CTL600 S/F A YEL | V12DAC GY 45 | 33785 | CTL1200 S/F A YEL | V24DAC GY 45 |
| 33536 | CTL600 S/F CLR | V24/240AC GY 45 | 33656 | CTL600 S/F A CLR | V12DAC GY 45 | 33786 | CTL1200 S/F A CLR | V24DAC GY 45 |
| 33541 | CTL600 S/F BLU | V12/48DC BK 45 | 33661 | CTL600 S/F A BLU | V24DAC GY 45 | 33791 | CTL1200 S/F A BLU | V48DAC GY 45 |
| 33542 | CTL600 S/F AMB | V12/48DC BK 45 | 33662 | CTL600 S/F A AMB | V24DAC GY 45 | 33792 | CTL1200 S/F A AMB | V48DAC GY 45 |
| 33543 | CTL600 S/F RED | V12/48DC BK 45 | 33663 | CTL600 S/F A RED | V24DAC GY 45 | 33793 | CTL1200 S/F A RED | V48DAC GY 45 |
| 33544 | CTL600 S/F GRE | V12/48DC BK 45 | 33664 | CTL600 S/F A GRE | V24DAC GY 45 | 33794 | CTL1200 S/F A GRE | V48DAC GY 45 |
| 33545 | CTL600 S/F YEL | V12/48DC BK 45 | 33665 | CTL600 S/F A YEL | V24DAC GY 45 | 33795 | CTL1200 S/F A YEL | V48DAC GY 45 |
| 33546 | CTL600 S/F CLR | V12/48DC BK 45 | 33666 | CTL600 S/F A CLR | V24DAC GY 45 | 33796 | CTL1200 S/F A CLR | V48DAC GY 45 |
| 33551 | CTL600 S/F BLU | V24/240AC BK 45 | 33671 | CTL600 S/F A BLU | V48DAC GY 45 | 33801 | CTL1200 S/F A BLU | V110AC GY 45 |
| 33552 | CTL600 S/F AMB | V24/240AC BK 45 | 33672 | CTL600 S/F A AMB | V48DAC GY 45 | 33802 | CTL1200 S/F A AMB | V110AC GY 45 |
| 33553 | CTL600 S/F RED | V24/240AC BK 45 | 33673 | CTL600 S/F A RED | V48DAC GY 45 | 33803 | CTL1200 S/F A RED | V110AC GY 45 |
| 33554 | CTL600 S/F GRE | V24/240AC BK 45 | 33674 | CTL600 S/F A GRE | V48DAC GY 45 | 33804 | CTL1200 S/F A GRE | V110AC GY 45 |
| 33555 | CTL600 S/F YEL | V24/240AC BK 45 | 33675 | CTL600 S/F A YEL | V48DAC GY 45 | 33805 | CTL1200 S/F A YEL | V110AC GY 45 |
| 33556 | CTL600 S/F CLR | V24/240AC BK 45 | 33676 | CTL600 S/F A CLR | V48DAC GY 45 | 33806 | CTL1200 S/F A CLR | V110AC GY 45 |
| 33561 | CTL900 S/F BLU | V12/48DC GY 45 | 33681 | CTL600 S/F A BLU | V110AC GY 45 | 33821 | CTL1200 S/F A BLU | V240AC GY 45 |
| 33562 | CTL900 S/F AMB | V12/48DC GY 45 | 33682 | CTL600 S/F A AMB | V110AC GY 45 | 33822 | CTL1200 S/F A AMB | V240AC GY 45 |
| 33563 | CTL900 S/F RED | V12/48DC GY 45 | 33683 | CTL600 S/F A RED | V110AC GY 45 | 33823 | CTL1200 S/F A RED | V240AC GY 45 |
| 33564 | CTL900 S/F GRE | V12/48DC GY 45 | 33684 | CTL600 S/F A GRE | V110AC GY 45 | 33824 | CTL1200 S/F A GRE | V240AC GY 45 |
| 33565 | CTL900 S/F YEL | V12/48DC GY 45 | 33685 | CTL600 S/F A YEL | V110AC GY 45 | 33825 | CTL1200 S/F A YEL | V240AC GY 45 |
| 33566 | CTL900 S/F CLR | V12/48DC GY 45 | 33686 | CTL600 S/F A CLR | V110AC GY 45 | 33826 | CTL1200 S/F A CLR | V240AC GY 45 |
| 33571 | CTL900 S/F BLU | V24/240AC GY 45 | 33701 | CTL600 S/F A BLU | V240AC GY 45 | 33831 | CTL600 STY BLU | V12/240DAC GY 45 |
| 33572 | CTL900 S/F AMB | V24/240AC GY 45 | 33702 | CTL600 S/F A AMB | V240AC GY 45 | 33832 | CTL600 STY AMB | V12/240DAC GY 45 |
| 33573 | CTL900 S/F RED | V24/240AC GY 45 | 33703 | CTL600 S/F A RED | V240AC GY 45 | 33833 | CTL600 STY RED | V12/240DAC GY 45 |
| 33574 | CTL900 S/F GRE | V24/240AC GY 45 | 33704 | CTL600 S/F A GRE | V240AC GY 45 | 33834 | CTL600 STY GRE | V12/240DAC GY 45 |
| 33575 | CTL900 S/F YEL | V24/240AC GY 45 | 33705 | CTL600 S/F A YEL | V240AC GY 45 | 33835 | CTL600 STY YEL | V12/240DAC GY 45 |
| 33576 | CTL900 S/F CLR | V24/240AC GY 45 | 33706 | CTL600 S/F A CLR | V240AC GY 45 | 33836 | CTL600 STY CLR | V12/240DAC GY 45 |
| 33581 | CTL900 S/F BLU | V12/48DC BK 45 | 33711 | CTL900 S/F A BLU | V12DAC GY 45 | 33841 | CTL900 STY BLU | V12/240DAC GY 45 |
| 33582 | CTL900 S/F AMB | V12/48DC BK 45 | 33712 | CTL900 S/F A AMB | V12DAC GY 45 | 33842 | CTL900 STY AMB | V12/240DAC GY 45 |
| 33583 | CTL900 S/F RED | V12/48DC BK 45 | 33713 | CTL900 S/F A RED | V12DAC GY 45 | 33843 | CTL900 STY RED | V12/240DAC GY 45 |
| 33584 | CTL900 S/F GRE | V12/48DC BK 45 | 33714 | CTL900 S/F A GRE | V12DAC GY 45 | 33844 | CTL900 STY GRE | V12/240DAC GY 45 |
| 33585 | CTL900 S/F YEL | V12/48DC BK 45 | 33715 | CTL900 S/F A YEL | V12DAC GY 45 | 33845 | CTL900 STY YEL | V12/240DAC GY 45 |
| 33586 | CTL900 S/F CLR | V12/48DC BK 45 | 33716 | CTL900 S/F A CLR | V12DAC GY 45 | 33846 | CTL900 STY CLR | V12/240DAC GY 45 |
| 33591 | CTL900 S/F BLU | V24/240AC BK 45 | 33721 | CTL900 S/F A BLU | V240AC GY 45 | 33851 | CTL1200 STY BLU | V12/240DAC GY 45 |
| 33592 | CTL900 S/F AMB | V24/240AC BK 45 | 33722 | CTL900 S/F A AMB | V240AC GY 45 | 33852 | CTL1200 STY AMB | V12/240DAC GY 45 |
| 33593 | CTL900 S/F RED | V24/240AC BK 45 | 33723 | CTL900 S/F A RED | V240AC GY 45 | 33853 | CTL1200 STY RED | V12/240DAC GY 45 |
| 33594 | CTL900 S/F GRE | V24/240AC BK 45 | 33724 | CTL900 S/F A GRE | V240AC GY 45 | 33854 | CTL1200 STY GRE | V12/240DAC GY 45 |
| 33595 | CTL900 S/F YEL | V24/240AC BK 45 | 33725 | CTL900 S/F A YEL | V240AC GY 45 | 33855 | CTL1200 STY YEL | V12/240DAC GY 45 |
| 33596 | CTL900 S/F CLR | V24/240AC BK 45 | 33726 | CTL900 S/F A CLR | V240AC GY 45 | 33856 | CTL1200 STY CLR | V12/240DAC GY 45 |
| 33601 | CTL1200 S/F BLU | V12/48DC GY 45 | 33731 | CTL900 S/F A BLU | V48DAC GY 45 | 33861 | CTL600 STY BLU | V12/240DAC BK 45 |
| 33602 | CTL1200 S/F AMB | V12/48DC GY 45 | 33732 | CTL900 S/F A AMB | V48DAC GY 45 | 33862 | CTL600 STY AMB | V12/240DAC BK 45 |
| 33603 | CTL1200 S/F RED | V12/48DC GY 45 | 33733 | CTL900 S/F A RED | V48DAC GY 45 | 33863 | CTL600 STY RED | V12/240DAC BK 45 |
| 33604 | CTL1200 S/F GRE | V12/48DC GY 45 | 33734 | CTL900 S/F A GRE | V48DAC GY 45 | 33864 | CTL600 STY GRE | V12/240DAC BK 45 |
| 33605 | CTL1200 S/F YEL | V12/48DC GY 45 | 33735 | CTL900 S/F A YEL | V48DAC GY 45 | 33865 | CTL600 STY YEL | V12/240DAC BK 45 |
| 33606 | CTL1200 S/F CLR | V12/48DC GY 45 | 33736 | CTL900 S/F A CLR | V48DAC GY 45 | 33866 | CTL600 STY CLR | V12/240DAC BK 45 |
| 33611 | CTL1200 S/F BLU | V24/240AC GY 45 | 33741 | CTL900 S/F A BLU | V110AC GY 45 | 33871 | CTL900 STY BLU | V12/240DAC BK 45 |
| 33612 | CTL1200 S/F AMB | V24/240AC GY 45 | 33742 | CTL900 S/F A AMB | V110AC GY 45 | 33872 | CTL900 STY AMB | V12/240DAC BK 45 |
| 33613 | CTL1200 S/F RED | V24/240AC GY 45 | 33743 | CTL900 S/F A RED | V110AC GY 45 | 33873 | CTL900 STY RED | V12/240DAC BK 45 |
| 33614 | CTL1200 S/F GRE | V24/240AC GY 45 | 33744 | CTL900 S/F A GRE | V110AC GY 45 | 33874 | CTL900 STY GRE | V12/240DAC BK 45 |

| CODE | DESCRIPTION | PAGE | CODE | DESCRIPTION | PAGE | CODE | DESCRIPTION | PAGE |
|-------|-----------------|------------------|-------|------------------|-----------------|-------|-------------------|-----------------|
| 33875 | CTL900 STY YEL | V12/240DAC BK 45 | 38626 | MLAMP LED CLR | V90/240AC GY 41 | 38736 | CTL900 LED A CLR | V90/240AC GY 45 |
| 33876 | CTL900 STY CLR | V12/240DAC BK 45 | 38631 | MLAMP LED A BLU | V12/24DAC GY 41 | 38741 | CTL1200 LED BLU | V12/24DAC GY 45 |
| 33881 | CTL1200 STY BLU | V12/240DAC BK 45 | 38632 | MLAMP LED A AMB | V12/24DAC GY 41 | 38742 | CTL1200 LED AMB | V12/24DAC GY 45 |
| 33882 | CTL1200 STY AMB | V12/240DAC BK 45 | 38633 | MLAMP LED A RED | V12/24DAC GY 41 | 38743 | CTL1200 LED RED | V12/24DAC GY 45 |
| 33883 | CTL1200 STY RED | V12/240DAC BK 45 | 38634 | MLAMP LED A GRE | V12/24DAC GY 41 | 38744 | CTL1200 LED GRE | V12/24DAC GY 45 |
| 33884 | CTL1200 STY GRE | V12/240DAC BK 45 | 38635 | MLAMP LED A YEL | V12/24DAC GY 41 | 38745 | CTL1200 LED YEL | V12/24DAC GY 45 |
| 33885 | CTL1200 STY YEL | V12/240DAC BK 45 | 38636 | MLAMP LED A CLR | V12/24DAC GY 41 | 38746 | CTL1200 LED CLR | V12/24DAC GY 45 |
| 33886 | CTL1200 STY CLR | V12/240DAC BK 45 | 38641 | MLAMP LED A BLU | V48DAC GY 41 | 38751 | CTL1200 LED BLU | V90/240AC GY 45 |
| 37801 | BABYSAI LED | V12DC GY 30 | 38642 | MLAMP LED A AMB | V48DAC GY 41 | 38752 | CTL1200 LED AMB | V90/240AC GY 45 |
| 37802 | BABYSAI LED | V24DC GY 30 | 38643 | MLAMP LED A RED | V48DAC GY 41 | 38753 | CTL1200 LED RED | V90/240AC GY 45 |
| 37803 | BABYSAI LED | V48DC GY 30 | 38644 | MLAMP LED A GRE | V48DAC GY 41 | 38754 | CTL1200 LED GRE | V90/240AC GY 45 |
| 37805 | BABYSAI LED | V12AC GY 30 | 38645 | MLAMP LED A YEL | V48DAC GY 41 | 38755 | CTL1200 LED YEL | V90/240AC GY 45 |
| 37806 | BABYSAI LED | V24AC GY 30 | 38646 | MLAMP LED A CLR | V48DAC GY 41 | 38756 | CTL1200 LED CLR | V90/240AC GY 45 |
| 37807 | BABYSAI LED | V48AC GY 30 | 38651 | MLAMP LED A BLU | V90/240AC GY 41 | 38761 | CTL1200 LED A BLU | V12/24DAC GY 45 |
| 37808 | BABYSAI LED | V110AC GY 30 | 38652 | MLAMP LED A AMB | V90/240AC GY 41 | 38762 | CTL1200 LED A AMB | V12/24DAC GY 45 |
| 37809 | BABYSAI LED | V240AC GY 30 | 38653 | MLAMP LED A RED | V90/240AC GY 41 | 38763 | CTL1200 LED A RED | V12/24DAC GY 45 |
| 37811 | BABYSAI LED | V12DC BK 30 | 38654 | MLAMP LED A GRE | V90/240AC GY 41 | 38764 | CTL1200 LED A GRE | V12/24DAC GY 45 |
| 37812 | BABYSAI LED | V24DC BK 30 | 38655 | MLAMP LED A YEL | V90/240AC GY 41 | 38765 | CTL1200 LED A YEL | V12/24DAC GY 45 |
| 37813 | BABYSAI LED | V48DC BK 30 | 38656 | MLAMP LED A CLR | V90/240AC GY 41 | 38766 | CTL1200 LED A CLR | V12/24DAC GY 45 |
| 37815 | BABYSAI LED | V12AC BK 30 | 38661 | CTL600 LED BLU | V12/24DAC GY 45 | 38771 | CTL1200 LED A BLU | V90/240AC GY 45 |
| 37816 | BABYSAI LED | V24AC BK 30 | 38662 | CTL600 LED AMB | V12/24DAC GY 45 | 38772 | CTL1200 LED A AMB | V90/240AC GY 45 |
| 37817 | BABYSAI LED | V48AC BK 30 | 38663 | CTL600 LED RED | V12/24DAC GY 45 | 38773 | CTL1200 LED A RED | V90/240AC GY 45 |
| 37818 | BABYSAI LED | V110AC BK 30 | 38664 | CTL600 LED GRE | V12/24DAC GY 45 | 38774 | CTL1200 LED A GRE | V90/240AC GY 45 |
| 37819 | BABYSAI LED | V240AC BK 30 | 38665 | CTL600 LED YEL | V12/24DAC GY 45 | 38775 | CTL1200 LED A YEL | V90/240AC GY 45 |
| 37821 | BABYSAI LED | V12DC RD 30 | 38666 | CTL600 LED CLR | V12/24DAC GY 45 | 38776 | CTL1200 LED A CLR | V90/240AC GY 45 |
| 37822 | BABYSAI LED | V24DC RD 30 | 38671 | CTL600 LED BLU | V90/240AC GY 45 | 38781 | OVOLUX LED BLU R | V12/24DAC GY 47 |
| 37823 | BABYSAI LED | V48DC RD 30 | 38672 | CTL600 LED AMB | V90/240AC GY 45 | 38782 | OVOLUX LED AMB R | V12/24DAC GY 47 |
| 37825 | BABYSAI LED | V12AC RD 30 | 38673 | CTL600 LED RED | V90/240AC GY 45 | 38783 | OVOLUX LED RED R | V12/24DAC GY 47 |
| 37826 | BABYSAI LED | V24AC RD 30 | 38674 | CTL600 LED GRE | V90/240AC GY 45 | 38784 | OVOLUX LED GRE R | V12/24DAC GY 47 |
| 37827 | BABYSAI LED | V48AC RD 30 | 38675 | CTL600 LED YEL | V90/240AC GY 45 | 38785 | OVOLUX LED YEL R | V12/24DAC GY 47 |
| 37828 | BABYSAI LED | V110AC RD 30 | 38676 | CTL600 LED CLR | V90/240AC GY 45 | 38786 | OVOLUX LED CLR R | V12/24DAC GY 47 |
| 37829 | BABYSAI LED | V240AC RD 30 | 38681 | CTL600 LED A BLU | V12/24DAC GY 45 | 38791 | OVOLUX LED BLU R | V90/240AC GY 47 |
| 38000 | BEBIP | V12DAC GY 82 | 38682 | CTL600 LED A AMB | V12/24DAC GY 45 | 38792 | OVOLUX LED AMB R | V90/240AC GY 47 |
| 38001 | BEBIP | V24DAC GY 82 | 38683 | CTL600 LED A RED | V12/24DAC GY 45 | 38793 | OVOLUX LED RED R | V90/240AC GY 47 |
| 38002 | BEBIP | V48DAC GY 82 | 38684 | CTL600 LED A GRE | V12/24DAC GY 45 | 38794 | OVOLUX LED GRE R | V90/240AC GY 47 |
| 38003 | BEBIP | V110DC GY 82 | 38685 | CTL600 LED A YEL | V12/24DAC GY 45 | 38795 | OVOLUX LED YEL R | V90/240AC GY 47 |
| 38004 | BEBIP | V110AC GY 82 | 38686 | CTL600 LED A CLR | V12/24DAC GY 45 | 38796 | OVOLUX LED CLR R | V90/240AC GY 47 |
| 38005 | BEBIP | V240DC GY 82 | 38691 | CTL600 LED A BLU | V90/240AC GY 45 | 38801 | OVOLUX LED BLU M | V12/24DAC GY 47 |
| 38006 | BEBIP | V240AC GY 82 | 38692 | CTL600 LED A AMB | V90/240AC GY 45 | 38802 | OVOLUX LED AMB M | V12/24DAC GY 47 |
| 38007 | BEBIP | V12DAC BK 82 | 38693 | CTL600 LED A RED | V90/240AC GY 45 | 38803 | OVOLUX LED RED M | V12/24DAC GY 47 |
| 38008 | BEBIP | V24DAC BK 82 | 38694 | CTL600 LED A GRE | V90/240AC GY 45 | 38804 | OVOLUX LED GRE M | V12/24DAC GY 47 |
| 38009 | BEBIP | V48DAC BK 82 | 38695 | CTL600 LED A YEL | V90/240AC GY 45 | 38805 | OVOLUX LED YEL M | V12/24DAC GY 47 |
| 38010 | BEBIP | V110DC BK 82 | 38696 | CTL600 LED A CLR | V90/240AC GY 45 | 38806 | OVOLUX LED CLR M | V12/24DAC GY 47 |
| 38011 | BEBIP | V110AC BK 82 | 38701 | CTL900 LED BLU | V12/24DAC GY 45 | 38811 | OVOLUX LED BLU M | V90/240AC GY 47 |
| 38012 | BEBIP | V240DC BK 82 | 38702 | CTL900 LED AMB | V12/24DAC GY 45 | 38812 | OVOLUX LED AMB M | V90/240AC GY 47 |
| 38013 | BEBIP | V240AC BK 82 | 38703 | CTL900 LED RED | V12/24DAC GY 45 | 38813 | OVOLUX LED RED M | V90/240AC GY 47 |
| 38030 | BIMF LED | V12/240DAC GY 80 | 38704 | CTL900 LED GRE | V12/24DAC GY 45 | 38814 | OVOLUX LED GRE M | V90/240AC GY 47 |
| 38031 | BIMF LED | V12/240DAC BK 80 | 38705 | CTL900 LED YEL | V12/24DAC GY 45 | 38815 | OVOLUX LED YEL M | V90/240AC GY 47 |
| 38032 | BIMF LED | V12/240DAC RD 80 | 38706 | CTL900 LED CLR | V12/24DAC GY 45 | 38816 | OVOLUX LED CLR M | V90/240AC GY 47 |
| 38601 | MLAMP LED BLU | V12/24DAC GY 41 | 38711 | CTL900 LED BLU | V90/240AC GY 45 | 38821 | SEM LED BLU | V12DC GY 33 |
| 38602 | MLAMP LED AMB | V12/24DAC GY 41 | 38712 | CTL900 LED AMB | V90/240AC GY 45 | 38822 | SEM LED AMB | V12DC GY 33 |
| 38603 | MLAMP LED RED | V12/24DAC GY 41 | 38713 | CTL900 LED RED | V90/240AC GY 45 | 38823 | SEM LED RED | V12DC GY 33 |
| 38604 | MLAMP LED GRE | V12/24DAC GY 41 | 38714 | CTL900 LED GRE | V90/240AC GY 45 | 38824 | SEM LED GRE | V12DC GY 33 |
| 38605 | MLAMP LED YEL | V12/24DAC GY 41 | 38715 | CTL900 LED YEL | V90/240AC GY 45 | 38825 | SEM LED YEL | V12DC GY 33 |
| 38606 | MLAMP LED CLR | V12/24DAC GY 41 | 38716 | CTL900 LED CLR | V90/240AC GY 45 | 38826 | SEM LED CLR | V12DC GY 33 |
| 38611 | MLAMP LED BLU | V48DAC GY 41 | 38721 | CTL900 LED A BLU | V12/24DAC GY 45 | 38831 | SEM LED BLU | V12AC GY 33 |
| 38612 | MLAMP LED AMB | V48DAC GY 41 | 38722 | CTL900 LED A AMB | V12/24DAC GY 45 | 38832 | SEM LED AMB | V12AC GY 33 |
| 38613 | MLAMP LED RED | V48DAC GY 41 | 38723 | CTL900 LED A RED | V12/24DAC GY 45 | 38833 | SEM LED RED | V12AC GY 33 |
| 38614 | MLAMP LED GRE | V48DAC GY 41 | 38724 | CTL900 LED A GRE | V12/24DAC GY 45 | 38834 | SEM LED GRE | V12AC GY 33 |
| 38615 | MLAMP LED YEL | V48DAC GY 41 | 38725 | CTL900 LED A YEL | V12/24DAC GY 45 | 38835 | SEM LED YEL | V12AC GY 33 |
| 38616 | MLAMP LED CLR | V48DAC GY 41 | 38726 | CTL900 LED A CLR | V12/24DAC GY 45 | 38836 | SEM LED CLR | V12AC GY 33 |
| 38621 | MLAMP LED BLU | V90/240AC GY 41 | 38731 | CTL900 LED A BLU | V90/240AC GY 45 | 38841 | SEM LED BLU | V24DC GY 33 |
| 38622 | MLAMP LED AMB | V90/240AC GY 41 | 38732 | CTL900 LED A AMB | V90/240AC GY 45 | 38842 | SEM LED AMB | V24DC GY 33 |
| 38623 | MLAMP LED RED | V90/240AC GY 41 | 38733 | CTL900 LED A RED | V90/240AC GY 45 | 38843 | SEM LED RED | V24DC GY 33 |
| 38624 | MLAMP LED GRE | V90/240AC GY 41 | 38734 | CTL900 LED A GRE | V90/240AC GY 45 | 38844 | SEM LED GRE | V24DC GY 33 |
| 38625 | MLAMP LED YEL | V90/240AC GY 41 | 38735 | CTL900 LED A YEL | V90/240AC GY 45 | 38845 | SEM LED YEL | V24DC GY 33 |

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|-------|------------------|-----------|------|-------------|-------|-------------------|-------------|------|----|
| 38846 | SEM LED CLR | V24DC | GY | 33 | 38956 | CTL1200 LED CLR | V90/240AC | BK | 45 |
| 38851 | SEM LED BLU | V24AC | GY | 33 | 38961 | CTL600 LED A BLU | V12/24DAC | BK | 45 |
| 38852 | SEM LED AMB | V24AC | GY | 33 | 38962 | CTL600 LED A AMB | V12/24DAC | BK | 45 |
| 38853 | SEM LED RED | V24AC | GY | 33 | 38963 | CTL600 LED A RED | V12/24DAC | BK | 45 |
| 38854 | SEM LED GRE | V24AC | GY | 33 | 38964 | CTL600 LED A GRE | V12/24DAC | BK | 45 |
| 38855 | SEM LED YEL | V24AC | GY | 33 | 38965 | CTL600 LED A YEL | V12/24DAC | BK | 45 |
| 38856 | SEM LED CLR | V24AC | GY | 33 | 38966 | CTL600 LED A CLR | V12/24DAC | BK | 45 |
| 38861 | SEM LED BLU | V110AC | GY | 33 | 38971 | CTL600 LED A BLU | V90/240AC | BK | 45 |
| 38862 | SEM LED AMB | V110AC | GY | 33 | 38972 | CTL600 LED A AMB | V90/240AC | BK | 45 |
| 38863 | SEM LED RED | V110AC | GY | 33 | 38973 | CTL600 LED A RED | V90/240AC | BK | 45 |
| 38864 | SEM LED GRE | V110AC | GY | 33 | 38974 | CTL600 LED A GRE | V90/240AC | BK | 45 |
| 38865 | SEM LED YEL | V110AC | GY | 33 | 38975 | CTL600 LED A YEL | V90/240AC | BK | 45 |
| 38866 | SEM LED CLR | V110AC | GY | 33 | 38976 | CTL600 LED A CLR | V90/240AC | BK | 45 |
| 38871 | SEM LED BLU | V240AC | GY | 33 | 38981 | CTL900 LED A BLU | V12/24DAC | BK | 45 |
| 38872 | SEM LED AMB | V240AC | GY | 33 | 38982 | CTL900 LED A AMB | V12/24DAC | BK | 45 |
| 38873 | SEM LED RED | V240AC | GY | 33 | 38983 | CTL900 LED A RED | V12/24DAC | BK | 45 |
| 38874 | SEM LED GRE | V240AC | GY | 33 | 38984 | CTL900 LED A GRE | V12/24DAC | BK | 45 |
| 38875 | SEM LED YEL | V240AC | GY | 33 | 38985 | CTL900 LED A YEL | V12/24DAC | BK | 45 |
| 38876 | SEM LED CLR | V240AC | GY | 33 | 38986 | CTL900 LED A CLR | V12/24DAC | BK | 45 |
| 38881 | OVOLUX LED BLU E | V12/24DAC | GY | 47 | 38991 | CTL900 LED A BLU | V90/240AC | BK | 45 |
| 38882 | OVOLUX LED AMB E | V12/24DAC | GY | 47 | 38992 | CTL900 LED A AMB | V90/240AC | BK | 45 |
| 38883 | OVOLUX LED RED E | V12/24DAC | GY | 47 | 38993 | CTL900 LED A RED | V90/240AC | BK | 45 |
| 38884 | OVOLUX LED GRE E | V12/24DAC | GY | 47 | 38994 | CTL900 LED A GRE | V90/240AC | BK | 45 |
| 38885 | OVOLUX LED YEL E | V12/24DAC | GY | 47 | 38995 | CTL900 LED A YEL | V90/240AC | BK | 45 |
| 38886 | OVOLUX LED CLR E | V12/24DAC | GY | 47 | 38996 | CTL900 LED A CLR | V90/240AC | BK | 45 |
| 38891 | OVOLUX LED BLU E | V90/240AC | GY | 47 | 39001 | CTL1200 LED A BLU | V12/24DAC | BK | 45 |
| 38892 | OVOLUX LED AMB E | V90/240AC | GY | 47 | 39002 | CTL1200 LED A AMB | V12/24DAC | BK | 45 |
| 38893 | OVOLUX LED RED E | V90/240AC | GY | 47 | 39003 | CTL1200 LED A RED | V12/24DAC | BK | 45 |
| 38894 | OVOLUX LED GRE E | V90/240AC | GY | 47 | 39004 | CTL1200 LED A GRE | V12/24DAC | BK | 45 |
| 38895 | OVOLUX LED YEL E | V90/240AC | GY | 47 | 39005 | CTL1200 LED A YEL | V12/24DAC | BK | 45 |
| 38896 | OVOLUX LED CLR E | V90/240AC | GY | 47 | 39006 | CTL1200 LED A CLR | V12/24DAC | BK | 45 |
| 38901 | CTL600 LED BLU | V12/24DAC | BK | 45 | 39011 | CTL1200 LED A BLU | V90/240AC | BK | 45 |
| 38902 | CTL600 LED AMB | V12/24DAC | BK | 45 | 39012 | CTL1200 LED A AMB | V90/240AC | BK | 45 |
| 38903 | CTL600 LED RED | V12/24DAC | BK | 45 | 39013 | CTL1200 LED A RED | V90/240AC | BK | 45 |
| 38904 | CTL600 LED GRE | V12/24DAC | BK | 45 | 39014 | CTL1200 LED A GRE | V90/240AC | BK | 45 |
| 38905 | CTL600 LED YEL | V12/24DAC | BK | 45 | 39015 | CTL1200 LED A YEL | V90/240AC | BK | 45 |
| 38906 | CTL600 LED CLR | V12/24DAC | BK | 45 | 39016 | CTL1200 LED A CLR | V90/240AC | BK | 45 |
| 38911 | CTL600 LED BLU | V90/240AC | BK | 45 | 39021 | MLAMP LED BLU | V12/24DAC | BK | 41 |
| 38912 | CTL600 LED AMB | V90/240AC | BK | 45 | 39022 | MLAMP LED AMB | V12/24DAC | BK | 41 |
| 38913 | CTL600 LED RED | V90/240AC | BK | 45 | 39023 | MLAMP LED RED | V12/24DAC | BK | 41 |
| 38914 | CTL600 LED GRE | V90/240AC | BK | 45 | 39024 | MLAMP LED GRE | V12/24DAC | BK | 41 |
| 38915 | CTL600 LED YEL | V90/240AC | BK | 45 | 39025 | MLAMP LED YEL | V12/24DAC | BK | 41 |
| 38916 | CTL600 LED CLR | V90/240AC | BK | 45 | 39026 | MLAMP LED CLR | V12/24DAC | BK | 41 |
| 38921 | CTL900 LED BLU | V12/24DAC | BK | 45 | 39031 | MLAMP LED BLU | V48DAC | BK | 41 |
| 38922 | CTL900 LED AMB | V12/24DAC | BK | 45 | 39032 | MLAMP LED AMB | V48DAC | BK | 41 |
| 38923 | CTL900 LED RED | V12/24DAC | BK | 45 | 39033 | MLAMP LED RED | V48DAC | BK | 41 |
| 38924 | CTL900 LED GRE | V12/24DAC | BK | 45 | 39034 | MLAMP LED GRE | V48DAC | BK | 41 |
| 38925 | CTL900 LED YEL | V12/24DAC | BK | 45 | 39035 | MLAMP LED YEL | V48DAC | BK | 41 |
| 38926 | CTL900 LED CLR | V12/24DAC | BK | 45 | 39036 | MLAMP LED CLR | V48DAC | BK | 41 |
| 38931 | CTL900 LED BLU | V90/240AC | BK | 45 | 39041 | MLAMP LED BLU | V90/240AC | BK | 41 |
| 38932 | CTL900 LED AMB | V90/240AC | BK | 45 | 39042 | MLAMP LED AMB | V90/240AC | BK | 41 |
| 38933 | CTL900 LED RED | V90/240AC | BK | 45 | 39043 | MLAMP LED RED | V90/240AC | BK | 41 |
| 38934 | CTL900 LED GRE | V90/240AC | BK | 45 | 39044 | MLAMP LED GRE | V90/240AC | BK | 41 |
| 38935 | CTL900 LED YEL | V90/240AC | BK | 45 | 39045 | MLAMP LED YEL | V90/240AC | BK | 41 |
| 38936 | CTL900 LED CLR | V90/240AC | BK | 45 | 39046 | MLAMP LED CLR | V90/240AC | BK | 41 |
| 38941 | CTL1200 LED BLU | V12/24DAC | BK | 45 | 39051 | MLAMP LED A BLU | V12/24DAC | BK | 41 |
| 38942 | CTL1200 LED AMB | V12/24DAC | BK | 45 | 39052 | MLAMP LED A AMB | V12/24DAC | BK | 41 |
| 38943 | CTL1200 LED RED | V12/24DAC | BK | 45 | 39053 | MLAMP LED A RED | V12/24DAC | BK | 41 |
| 38944 | CTL1200 LED GRE | V12/24DAC | BK | 45 | 39054 | MLAMP LED A GRE | V12/24DAC | BK | 41 |
| 38945 | CTL1200 LED YEL | V12/24DAC | BK | 45 | 39055 | MLAMP LED A YEL | V12/24DAC | BK | 41 |
| 38946 | CTL1200 LED CLR | V12/24DAC | BK | 45 | 39056 | MLAMP LED A CLR | V12/24DAC | BK | 41 |
| 38951 | CTL1200 LED BLU | V90/240AC | BK | 45 | 39061 | MLAMP LED A BLU | V48DAC | BK | 41 |
| 38952 | CTL1200 LED AMB | V90/240AC | BK | 45 | 39062 | MLAMP LED A AMB | V48DAC | BK | 41 |
| 38953 | CTL1200 LED RED | V90/240AC | BK | 45 | 39063 | MLAMP LED A RED | V48DAC | BK | 41 |
| 38954 | CTL1200 LED GRE | V90/240AC | BK | 45 | 39064 | MLAMP LED A GRE | V48DAC | BK | 41 |
| 38955 | CTL1200 LED YEL | V90/240AC | BK | 45 | 39065 | MLAMP LED A YEL | V48DAC | BK | 41 |
| 39066 | MLAMP LED A CLR | V48DAC | BK | 41 | 40300 | SEM | V6DC | GY | 33 |
| 39071 | MLAMP LED A BLU | V90/240AC | BK | 41 | 40301 | SEM | V6/8AC | GY | 33 |
| 39072 | MLAMP LED A AMB | V90/240AC | BK | 41 | 40302 | SEM | V12DC | GY | 33 |
| 39073 | MLAMP LED A RED | V90/240AC | BK | 41 | 40303 | SEM | V12AC | GY | 33 |
| 39074 | MLAMP LED A GRE | V90/240AC | BK | 41 | 40304 | SEM | V24DC | GY | 33 |
| 39075 | MLAMP LED A YEL | V90/240AC | BK | 41 | 40305 | SEM | V24AC | GY | 33 |
| 39076 | MLAMP LED A CLR | V90/240AC | BK | 41 | 40306 | SEM | V48DC | GY | 33 |
| 39081 | OVOLUX LED BLU R | V12/24DAC | BK | 47 | 40307 | SEM | V48AC | GY | 33 |
| 39082 | OVOLUX LED AMB R | V12/24DAC | BK | 47 | 40308 | SEM | V110DC | GY | 33 |
| 39083 | OVOLUX LED RED R | V12/24DAC | BK | 47 | 40309 | SEM | V110AC | GY | 33 |
| 39084 | OVOLUX LED GRE R | V12/24DAC | BK | 47 | 40310 | SEM | V240DC | GY | 33 |
| 39085 | OVOLUX LED YEL R | V12/24DAC | BK | 47 | 40311 | SEM | V240AC | GY | 33 |
| 39086 | OVOLUX LED CLR R | V12/24DAC | BK | 47 | 40312 | SEM PLUS | V24DC | GY | 33 |
| 39091 | OVOLUX LED BLU R | V90/240AC | BK | 47 | 40321 | SEM FLASHING BLU | V12DC | GY | 33 |
| 39092 | OVOLUX LED AMB R | V90/240AC | BK | 47 | 40322 | SEM FLASHING AMB | V12DC | GY | 33 |
| 39093 | OVOLUX LED RED R | V90/240AC | BK | 47 | 40323 | SEM FLASHING RED | V12DC | GY | 33 |
| 39094 | OVOLUX LED GRE R | V90/240AC | BK | 47 | 40324 | SEM FLASHING GRE | V12DC | GY | 33 |
| 39095 | OVOLUX LED YEL R | V90/240AC | BK | 47 | 40325 | SEM FLASHING YEL | V12DC | GY | 33 |
| 39096 | OVOLUX LED CLR R | V90/240AC | BK | 47 | 40326 | SEM FLASHING CLR | V12DC | GY | 33 |
| 39101 | OVOLUX LED BLU M | V12/24DAC | BK | 47 | 40341 | SEM FLASHING BLU | V24DC | GY | 33 |
| 39102 | OVOLUX LED AMB M | V12/24DAC | BK | 47 | 40342 | SEM FLASHING AMB | V24DC | GY | 33 |
| 39103 | OVOLUX LED RED M | V12/24DAC | BK | 47 | 40343 | SEM FLASHING RED | V24DC | GY | 33 |
| 39104 | OVOLUX LED GRE M | V12/24DAC | BK | 47 | 40344 | SEM FLASHING GRE | V24DC | GY | 33 |
| 39105 | OVOLUX LED YEL M | V12/24DAC | BK | 47 | | | | | |
| 39106 | OVOLUX LED CLR M | V12/24DAC | BK | 47 | | | | | |
| 39111 | OVOLUX LED BLU M | V90/240AC | BK | 47 | | | | | |
| 39112 | OVOLUX LED AMB M | V90/240AC | BK | 47 | | | | | |
| 39113 | OVOLUX LED RED M | V90/240AC | BK | 47 | | | | | |
| 39114 | OVOLUX LED GRE M | V90/240AC | BK | 47 | | | | | |
| 39115 | OVOLUX LED YEL M | V90/240AC | BK | 47 | | | | | |
| 39116 | OVOLUX LED CLR M | V90/240AC | BK | 47 | | | | | |
| 39121 | OVOLUX LED BLU E | V12/24DAC | BK | 47 | | | | | |
| 39122 | OVOLUX LED AMB E | V12/24DAC | BK | 47 | | | | | |
| 39123 | OVOLUX LED RED E | V12/24DAC | BK | 47 | | | | | |
| 39124 | OVOLUX LED GRE E | V12/24DAC | BK | 47 | | | | | |
| 39125 | OVOLUX LED YEL E | V12/24DAC | BK | 47 | | | | | |
| 39126 | OVOLUX LED CLR E | V12/24DAC | BK | 47 | | | | | |
| 39131 | OVOLUX LED BLU E | V90/240AC | BK | 47 | | | | | |
| 39132 | OVOLUX LED AMB E | V90/240AC | BK | 47 | | | | | |
| 39133 | OVOLUX LED RED E | V90/240AC | BK | 47 | | | | | |
| 39134 | OVOLUX LED GRE E | V90/240AC | BK | 47 | | | | | |
| 39135 | OVOLUX LED YEL E | V90/240AC | BK | 47 | | | | | |
| 39136 | OVOLUX LED CLR E | V90/240AC | BK | 47 | | | | | |

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| 40345 | SEM FLASHING YEL | V24DC | GY 33 | 40676 | SEM STEADY CLR | V48AC | GY 33 | 42056 | SUPERCELERE BA | V12DC | BK 12 |
| 40346 | SEM FLASHING CLR | V24DC | GY 33 | 40681 | SEM STEADY BLU | V110DC | GY 33 | 42057 | SUPERCELERE BA | V24DC | BK 12 |
| 40351 | SEM STEADY BLU | V24DC | GY 33 | 40682 | SEM STEADY AMB | V110DC | GY 33 | 42060 | MINICELEREST | V12DAC | GY 13 |
| 40352 | SEM STEADY AMB | V24DC | GY 33 | 40683 | SEM STEADY RED | V110DC | GY 33 | 42061 | MINICELEREST | V24DAC | GY 13 |
| 40353 | SEM FLASHING RED | V24AC | GY 33 | 40684 | SEM STEADY GRE | V110DC | GY 33 | 42062 | MINICELEREST | V48DAC | GY 13 |
| 40354 | SEM FLASHING GRE | V24AC | GY 33 | 40685 | SEM STEADY YEL | V110DC | GY 33 | 42063 | MINICELEREST | V110DAC | GY 13 |
| 40355 | SEM FLASHING YEL | V24AC | GY 33 | 40686 | SEM STEADY CLR | V110DC | GY 33 | 42065 | MINICELEREST | V240DAC | GY 13 |
| 40356 | SEM FLASHING CLR | V24AC | GY 33 | 40691 | SEM STEADY BLU | V110AC | GY 33 | 42066 | MINICELEREST BA | V12DC | GY 13 |
| 40361 | SEM FLASHING BLU | V48DC | GY 33 | 40692 | SEM STEADY AMB | V110AC | GY 33 | 42067 | MINICELEREST BA | V24DC | GY 13 |
| 40362 | SEM FLASHING AMB | V48DC | GY 33 | 40693 | SEM STEADY RED | V110AC | GY 33 | 42070 | MINICELEREST | V12DAC | BK 13 |
| 40363 | SEM FLASHING RED | V48DC | GY 33 | 40694 | SEM STEADY GRE | V110AC | GY 33 | 42071 | MINICELEREST | V24DAC | BK 13 |
| 40364 | SEM FLASHING GRE | V48DC | GY 33 | 40695 | SEM STEADY YEL | V110AC | GY 33 | 42072 | MINICELEREST | V48DAC | BK 13 |
| 40365 | SEM FLASHING YEL | V48DC | GY 33 | 40696 | SEM STEADY CLR | V110AC | GY 33 | 42073 | MINICELEREST | V110DAC | BK 13 |
| 40366 | SEM FLASHING CLR | V48DC | GY 33 | 40701 | SEM FLASHING BLU | V240AC | GY 33 | 42075 | MINICELEREST | V240DAC | BK 13 |
| 40371 | SEM FLASHING BLU | V48AC | GY 33 | 40702 | SEM FLASHING AMB | V240AC | GY 33 | 42076 | MINICELEREST BA | V12DC | BK 13 |
| 40372 | SEM FLASHING AMB | V48AC | GY 33 | 40703 | SEM STEADY RED | V240AC | GY 33 | 42077 | MINICELEREST BA | V24DC | BK 13 |
| 40373 | SEM FLASHING RED | V48AC | GY 33 | 40704 | SEM STEADY GRE | V240AC | GY 33 | 42080 | CELEREST | V12DAC | GY 13 |
| 40374 | SEM FLASHING GRE | V48AC | GY 33 | 40705 | SEM STEADY YEL | V240AC | GY 33 | 42081 | CELEREST | V24DAC | GY 13 |
| 40375 | SEM FLASHING YEL | V48AC | GY 33 | 40706 | SEM STEADY CLR | V240AC | GY 33 | 42082 | CELEREST | V48DAC | GY 13 |
| 40376 | SEM FLASHING CLR | V48AC | GY 33 | 40711 | SEM STEADY BLU | V24AC | GY 33 | 42083 | CELEREST | V110DAC | GY 13 |
| 40391 | SEM FLASHING BLU | V110AC | GY 33 | 40712 | SEM STEADY AMB | V24AC | GY 33 | 42085 | CELEREST | V240DAC | GY 13 |
| 40392 | SEM FLASHING AMB | V110AC | GY 33 | 40713 | SEM STEADY RED | V24AC | GY 33 | 42086 | CELEREST BA | V12DC | GY 13 |
| 40393 | SEM FLASHING RED | V110AC | GY 33 | 40714 | SEM STEADY GRE | V24AC | GY 33 | 42087 | CELEREST BA | V24DC | GY 13 |
| 40394 | SEM FLASHING GRE | V110AC | GY 33 | 40715 | SEM STEADY YEL | V24AC | GY 33 | 42090 | CELEREST | V12DAC | BK 13 |
| 40395 | SEM FLASHING YEL | V110AC | GY 33 | 40716 | SEM STEADY CLR | V24AC | GY 33 | 42091 | CELEREST | V24DAC | BK 13 |
| 40396 | SEM FLASHING CLR | V110AC | GY 33 | 40721 | SEM STEADY BLU | V240AC | GY 33 | 42092 | CELEREST | V48DAC | BK 13 |
| 40411 | SEM STEADY BLU | V240DC | GY 33 | 42000 | MINICELERE | V12DAC | GY 12 | 42093 | CELEREST | V110DAC | BK 13 |
| 40412 | SEM STEADY AMB | V240DC | GY 33 | 42001 | MINICELERE | V24DAC | GY 12 | 42095 | CELEREST | V240DAC | BK 13 |
| 40413 | SEM STEADY RED | V240DC | GY 33 | 42002 | MINICELERE | V48DAC | GY 12 | 42096 | CELEREST BA | V12DC | BK 13 |
| 40414 | SEM STEADY GRE | V240DC | GY 33 | 42003 | MINICELERE | V110DAC | GY 12 | 42097 | CELEREST BA | V24DC | BK 13 |
| 40415 | SEM STEADY YEL | V240DC | GY 33 | 42005 | MINICELERE | V240DAC | GY 12 | 42100 | SUPERCELEREST | V12DAC | GY 13 |
| 40416 | SEM STEADY CLR | V240DC | GY 33 | 42006 | MINICELERE BA | V12DC | GY 12 | 42101 | SUPERCELEREST | V24DAC | GY 13 |
| 40422 | SEM STEADY AMB | V240AC | GY 33 | 42007 | MINICELERE BA | V24DC | GY 12 | 42102 | SUPERCELEREST | V48DAC | GY 13 |
| 40423 | SEM FLASHING RED | V240AC | GY 33 | 42010 | MINICELERE | V12DAC | BK 12 | 42103 | SUPERCELEREST | V110DAC | GY 13 |
| 40424 | SEM FLASHING GRE | V240AC | GY 33 | 42011 | MINICELERE | V24DAC | BK 12 | 42105 | SUPERCELEREST | V240DAC | GY 13 |
| 40425 | SEM FLASHING YEL | V240AC | GY 33 | 42012 | MINICELERE | V48DAC | BK 12 | 42106 | SUPERCELEREST BA | V12DC | GY 13 |
| 40426 | SEM FLASHING CLR | V240AC | GY 33 | 42013 | MINICELERE | V110DAC | BK 12 | 42107 | SUPERCELEREST BA | V24DC | GY 13 |
| 40622 | SEM STEADY AMB | V12DC | GY 33 | 42015 | MINICELERE | V240DAC | BK 12 | 42110 | SUPERCELEREST | V12DAC | BK 13 |
| 40623 | SEM STEADY RED | V12DC | GY 33 | 42016 | MINICELERE BA | V12DC | BK 12 | 42111 | SUPERCELEREST | V24DAC | BK 13 |
| 40624 | SEM STEADY GRE | V12DC | GY 33 | 42017 | MINICELERE BA | V24DC | BK 12 | 42112 | SUPERCELEREST | V48DAC | BK 13 |
| 40625 | SEM STEADY BLU | V12DC | GY 33 | 42020 | CELERE | V12DAC | GY 12 | 42113 | SUPERCELEREST | V110DAC | BK 13 |
| 40626 | SEM STEADY YEL | V12DC | GY 33 | 42021 | CELERE | V24DAC | GY 12 | 42115 | SUPERCELEREST | V240DAC | BK 13 |
| 40627 | SEM STEADY CLR | V12DC | GY 33 | 42022 | CELERE | V48DAC | GY 12 | 42116 | SUPERCELEREST BA | V12DC | BK 13 |
| 40628 | SEM STEADY BLU | V12AC | GY 33 | 42023 | CELERE | V110DAC | GY 12 | 42117 | SUPERCELEREST BA | V24DC | BK 13 |
| 40629 | SEM STEADY YEL | V12AC | GY 33 | 42025 | CELERE | V240DAC | GY 12 | 42200 | MICRO W10 S | V12DC | GY 15 |
| 40630 | SEM STEADY CLR | V12AC | GY 33 | 42026 | CELERE BA | V12DC | GY 12 | 42201 | MICRO W10 S | V12AC | GY 15 |
| 40632 | SEM STEADY AMB | V12AC | GY 33 | 42027 | CELERE BA | V24DC | GY 12 | 42202 | MICRO W10 S | V24DC | GY 15 |
| 40633 | SEM STEADY RED | V12AC | GY 33 | 42030 | CELERE | V12DAC | BK 12 | 42203 | MICRO W10 S | V24AC | GY 15 |
| 40634 | SEM STEADY GRE | V12AC | GY 33 | 42031 | CELERE | V24DAC | BK 12 | 42204 | MICRO W10 S | V12DC | BK 15 |
| 40641 | SEM FLASHING BLU | V24AC | GY 33 | 42032 | CELERE | V48DAC | BK 12 | 42205 | MICRO W10 S | V12AC | BK 15 |
| 40642 | SEM FLASHING AMB | V24AC | GY 33 | 42033 | CELERE | V110DAC | BK 12 | 42206 | MICRO W10 S | V24DC | BK 15 |
| 40643 | SEM STEADY RED | V24DC | GY 33 | 42035 | CELERE | V240DAC | BK 12 | 42207 | MICRO W10 S | V24AC | BK 15 |
| 40644 | SEM STEADY GRE | V24DC | GY 33 | 42036 | CELERE BA | V12DC | BK 12 | 42208 | MICRO W10 R | V12DC | GY 15 |
| 40645 | SEM STEADY YEL | V24DC | GY 33 | 42037 | CELERE BA | V24DC | BK 12 | 42209 | MICRO W10 R | V24DC | GY 15 |
| 40646 | SEM STEADY CLR | V24DC | GY 33 | 42040 | SUPERCELERE | V12DAC | GY 12 | 42210 | MICRO W10 S AT | V110AC | GY 15 |
| 40661 | SEM STEADY BLU | V48DC | GY 33 | 42041 | SUPERCELERE | V24DAC | GY 12 | 42212 | MICRO W10 S AT | V240AC | GY 15 |
| 40662 | SEM STEADY AMB | V48DC | GY 33 | 42042 | SUPERCELERE | V48DAC | GY 12 | 42213 | MICRO W10 S AT | V110AC | BK 15 |
| 40663 | SEM STEADY RED | V48DC | GY 33 | 42043 | SUPERCELERE | V110DAC | GY 12 | 42215 | MICRO W10 S AT | V240AC | BK 15 |
| 40664 | SEM STEADY GRE | V48DC | GY 33 | 42045 | SUPERCELERE | V240DAC | GY 12 | 42250 | SAI C | V12DC | GY 32 |
| 40665 | SEM STEADY YEL | V48DC | GY 33 | 42046 | SUPERCELERE BA | V12DC | GY 12 | 42251 | SAI C | V12AC | GY 32 |
| 40666 | SEM STEADY CLR | V48DC | GY 33 | 42047 | SUPERCELERE BA | V24DC | GY 12 | 42252 | SAI C | V24DC | GY 32 |
| 40671 | SEM STEADY BLU | V48AC | GY 33 | 42050 | SUPERCELERE | V12DAC | BK 12 | 42253 | SAI C | V24AC | GY 32 |
| 40672 | SEM STEADY AMB | V48AC | GY 33 | 42051 | SUPERCELERE | V24DAC | BK 12 | 42254 | SAI C | V48DC | GY 32 |
| 40673 | SEM STEADY RED | V48AC | GY 33 | 42052 | SUPERCELERE | V48DAC | BK 12 | 42255 | SAI C | V48AC | GY 32 |
| 40674 | SEM STEADY GRE | V48AC | GY 33 | 42053 | SUPERCELERE | V110DAC | BK 12 | 42257 | SAI C | V110AC | GY 32 |
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| 42261 | SAI C | V12AC BK 32 | 43045 | MXF LED SLR YEL S | V12/24DAC GY 64 | 53261 | MICROSAI C | V24AC BK 31 |
| 42262 | SAI C | V24DC BK 32 | 43046 | MXF LED SLR CLR S | V12/24DAC GY 64 | 53262 | MICROSAI C | V48AC BK 31 |
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| 42264 | SAI C | V48DC BK 32 | 43052 | MXF LED SLR AMB S | V90/240AC GY 64 | 53265 | MICROSAI I | V12AC BK 31 |
| 42265 | SAI C | V48AC BK 32 | 43053 | MXF LED SLR RED S | V90/240AC GY 64 | 53266 | MICROSAI I | V24AC BK 31 |
| 42267 | SAI C | V110AC BK 32 | 43054 | MXF LED SLR GRE S | V90/240AC GY 64 | 53267 | MICROSAI I | V48AC BK 31 |
| 42269 | SAI C | V240AC BK 32 | 43055 | MXF LED SLR YEL S | V90/240AC GY 64 | 53268 | MICROSAI I | V110AC BK 31 |
| 42300 | BIP 81 | V12DAC GY 84 | 43056 | MXF LED SLR CLR S | V90/240AC GY 64 | 53300 | MICROSAI C | V240AC BK 31 |
| 42301 | BIP 81 | V24DAC GY 84 | 43061 | MXF LED SLR BLU S | V12/24DAC BK 64 | 53301 | MICROSAI I | V240AC BK 31 |
| 42302 | BIP 81 | V48DAC GY 84 | 43062 | MXF LED SLR AMB S | V12/24DAC BK 64 | 53530 | MICROSAI I | V12AC GY 31 |
| 42303 | BIP 81 | V110DC GY 84 | 43063 | MXF LED SLR RED S | V12/24DAC BK 64 | 53531 | MICROSAI I | V24AC GY 31 |
| 42304 | BIP 81 | V110AC GY 84 | 43064 | MXF LED SLR GRE S | V12/24DAC BK 64 | 53532 | MICROSAI I | V48AC GY 31 |
| 42307 | BIP 81 | V240DC GY 84 | 43065 | MXF LED SLR YEL S | V12/24DAC BK 64 | 53533 | MICROSAI I | V110AC GY 31 |
| 42308 | BIP 81 | V240AC GY 84 | 43066 | MXF LED SLR CLR S | V12/24DAC BK 64 | 53535 | MICROSAI I | V240AC GY 31 |
| 42318 | BIP 92 | V12DAC GY 81 | 43071 | MXF LED SLR BLU S | V90/240AC BK 64 | 54070 | CEAD 165 GRAY | V12AC 35 |
| 42319 | BIP 92 | V24DAC GY 81 | 43072 | MXF LED SLR AMB S | V90/240AC BK 64 | 54071 | CEAD 165 GRAY | V24AC 35 |
| 42320 | BIP 92 | V48DAC GY 81 | 43073 | MXF LED SLR RED S | V90/240AC BK 64 | 54072 | CEAD 165 GRAY | V48AC 35 |
| 42321 | BIP 92 | V110DC GY 81 | 43074 | MXF LED SLR GRE S | V90/240AC BK 64 | 54073 | CEAD 165 GRAY | V60AC 35 |
| 42322 | BIP 92 | V110AC GY 81 | 43075 | MXF LED SLR YEL S | V90/240AC BK 64 | 54074 | CEAD 165 GRAY | V110AC 35 |
| 42325 | BIP 92 | V240DC GY 81 | 43076 | MXF LED SLR CLR S | V90/240AC BK 64 | 54076 | CEAD 165 GRAY | V240AC 35 |
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| 42345 | BIP 84 | V12DAC GY 83 | 50351 | CELERSON 3PHASE | V380AC 14 | 54081 | CEAD 165 GRAY | V24DC 35 |
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| 42347 | BIP 84 | V48DAC GY 83 | 50401 | SE 12/41 MS5 | V12/24DAC GY 22 | 54083 | CEAD 165 GRAY | V60DC 35 |
| 42348 | BIP 84 | V110DC GY 83 | 50402 | SE 12/41 MS5 | V48AC GY 22 | 54084 | CEAD 165 GRAY | V110DC 35 |
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| 42353 | BIP 84 | V240AC GY 83 | 50405 | SE 12/30 MS5 | V12/24DAC GY 22 | 54091 | CEAD 165 RED | V24AC 35 |
| 42361 | SAI I | V12AC GY 32 | 50406 | SE 25/51 MS5 | V12/24DAC GY 24 | 54092 | CEAD 165 RED | V48AC 35 |
| 42363 | SAI I | V24AC GY 32 | 50407 | SE 25/51 MS5 | V48AC GY 24 | 54093 | CEAD 165 RED | V60AC 35 |
| 42365 | SAI I | V48AC GY 32 | 50408 | SE 25/51 MS5 | V110AC GY 24 | 54094 | CEAD 165 RED | V110AC 35 |
| 42366 | SAI I | V110AC GY 32 | 50409 | SE 25/51 MS5 | V240AC GY 24 | 54096 | CEAD 165 RED | V240AC 35 |
| 42368 | SAI I | V240AC GY 32 | 50410 | SE 25/50 MS5 | V12/24DAC GY 24 | 54097 | CEAD 165 RED | V12DC 35 |
| 42381 | SAI I | V12AC BK 32 | 50411 | SE 25/50 MS5 | V48AC GY 24 | 54098 | CEAD 165 RED | V24DC 35 |
| 42383 | SAI I | V24AC BK 32 | 50412 | SE 25/50 MS5 | V110AC GY 24 | 54099 | CEAD 165 RED | V48DC 35 |
| 42385 | SAI I | V48AC BK 32 | 50413 | SE 25/50 MS5 | V240AC GY 24 | 54100 | CEAD 165 RED | V60DC 35 |
| 42386 | SAI I | V110AC BK 32 | 50414 | SE 4/25 L PLC | V24DC GY 20 | 54101 | CEAD 165 RED | V110DC 35 |
| 42388 | SAI I | V240AC BK 32 | 50415 | SE 4/29 MS5 | V12/24DAC GY 20 | 54102 | CEAD 165 RED | V240DC 35 |
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| 43002 | MXF LED FLR AMB S | V12/24DAC GY 64 | 50417 | SE 4/29 MS5 | V110AC GY 20 | 54201 | SIAD 165 RED | V24AC 34 |
| 43003 | MXF LED FLR RED S | V12/24DAC GY 64 | 50418 | SE 4/29 MS5 | V240AC GY 20 | 54202 | SIAD 165 RED | V48AC 34 |
| 43004 | MXF LED FLR GRE S | V12/24DAC GY 64 | 50419 | SE 10/32 MS5 | V12/24DAC GY 21 | 54203 | SIAD 165 RED | V60AC 34 |
| 43005 | MXF LED FLR YEL S | V12/24DAC GY 64 | 50420 | SE 10/32 MS5 | V48AC GY 21 | 54204 | SIAD 165 RED | V110AC 34 |
| 43006 | MXF LED FLR CLR S | V12/24DAC GY 64 | 50421 | SE 10/32 MS5 | V110AC GY 21 | 54206 | SIAD 165 RED | V240AC 34 |
| 43011 | MXF LED FLR BLU S | V90/240AC GY 64 | 50422 | SE 10/32 MS5 | V240AC GY 21 | 54207 | SIAD 165 GRAY | V12AC 34 |
| 43012 | MXF LED FLR AMB S | V90/240AC GY 64 | 50423 | SE 10/32 MS5 PLC | V24DC GY 21 | 54208 | SIAD 165 GRAY | V24AC 34 |
| 43013 | MXF LED FLR RED S | V90/240AC GY 64 | 50424 | SE 12/35 MS32 | V12/24DAC GY 23 | 54209 | SIAD 165 GRAY | V48AC 34 |
| 43014 | MXF LED FLR GRE S | V90/240AC GY 64 | 50425 | SE 12/36 MS32 | V48AC GY 23 | 54210 | SIAD 165 GRAY | V60AC 34 |
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| 43016 | MXF LED FLR CLR S | V90/240AC GY 64 | 50427 | SE 12/36 MS32 | V240AC GY 23 | 54213 | SIAD 165 GRAY | V240AC 34 |
| 43021 | MXF LED FLR BLU S | V12/24DAC BK 64 | 50428 | SE PZ/35 MS32 | V12/24DAC GY 23 | 54214 | SIAD 165 RED | V12DC 34 |
| 43022 | MXF LED FLR AMB S | V12/24DAC BK 64 | 50429 | SE PZ/36 MS32 | V48AC GY 23 | 54215 | SIAD 165 RED | V24DC 34 |
| 43023 | MXF LED FLR RED S | V12/24DAC BK 64 | 50430 | SE PZ/36 MS32 | V110AC GY 23 | 54216 | SIAD 165 RED | V48DC 34 |
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| 43025 | MXF LED FLR YEL S | V12/24DAC BK 64 | 50901 | SEP LED MS32 | V24DAC GY 25 | 54218 | SIAD 165 RED | V110DC 34 |
| 43026 | MXF LED FLR CLR S | V12/24DAC BK 64 | 50903 | SEP LED MS32 | V110AC GY 25 | 54220 | SIAD 165 RED | V240DC 34 |
| 43031 | MXF LED FLR BLU S | V90/240AC BK 64 | 50904 | SEP LED MS32 | V240AC GY 25 | 54221 | SIAD 165 GRAY | V12DC 34 |
| 43032 | MXF LED FLR AMB S | V90/240AC BK 64 | 50911 | SEP LED MS32 PZ | V24DAC GY 25 | 54222 | SIAD 165 GRAY | V24DC 34 |
| 43033 | MXF LED FLR RED S | V90/240AC BK 64 | 50913 | SEP LED MS32 PZ | V110AC GY 25 | 54223 | SIAD 165 GRAY | V48DC 34 |
| 43034 | MXF LED FLR GRE S | V90/240AC BK 64 | 50914 | SEP LED MS32 PZ | V240AC GY 25 | 54224 | SIAD 165 GRAY | V60DC 34 |
| 43035 | MXF LED FLR YEL S | V90/240AC BK 64 | 53002 | MICROSAI C | V12AC GY 31 | 54225 | SIAD 165 GRAY | V110DC 34 |
| 43036 | MXF LED FLR CLR S | V90/240AC BK 64 | 53003 | MICROSAI C | V24AC GY 31 | 54227 | SIAD 165 GRAY | V240DC 34 |
| 43041 | MXF LED SLR BLU S | V12/24DAC GY 64 | 53005 | MICROSAI C | V48AC GY 31 | 54228 | SIAD 215 RED | V12AC 34 |
| 43042 | MXF LED SLR AMB S | V12/24DAC GY 64 | 53008 | MICROSAI C | V110AC GY 31 | 54229 | SIAD 215 RED | V24AC 34 |
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| 54248 | SIAD 215 RED V240DC | 34 | 63763 | MNF X YEL S V110AC | GY 63 | 63924 | MXF X AMB P V110AC | GY 66 |
| 54249 | SIAD 215 GRAY V12DC | 34 | 63764 | MNF X CLR S V110AC | GY 63 | 63925 | MXF X RED P V110AC | GY 66 |
| 54250 | SIAD 215 GRAY V24DC | 34 | 63765 | MNF X BLU S V240AC | GY 63 | 63926 | MXF X GRE P V110AC | GY 66 |
| 54251 | SIAD 215 GRAY V48DC | 34 | 63766 | MNF X AMB S V240AC | GY 63 | 63927 | MXF X YEL P V110AC | GY 66 |
| 54252 | SIAD 215 GRAY V60DC | 34 | 63767 | MNF X RED S V240AC | GY 63 | 63928 | MXF X CLR P V110AC | GY 66 |
| 54253 | SIAD 215 GRAY V110DC | 34 | 63768 | MNF X GRE S V240AC | GY 63 | 63929 | MXF X BLU P V240AC | GY 66 |
| 54255 | SIAD 215 GRAY V240DC | 34 | 63769 | MNF X YEL S V240AC | GY 63 | 63930 | MXF X AMB P V240AC | GY 66 |
| 63001 | ROTALLARM S BLU V12DAC | GY 57 | 63770 | MNF X CLR S V240AC | GY 63 | 63931 | MXF X RED P V240AC | GY 66 |
| 63002 | ROTALLARM S AMB V12DAC | GY 57 | 63788 | MNF X BLU P V12/24DAC | GY 63 | 63932 | MXF X GRE P V240AC | GY 66 |
| 63003 | ROTALLARM S RED V12DAC | GY 57 | 63789 | MNF X AMB P V12/24DAC | GY 63 | 63933 | MXF X YEL P V240AC | GY 66 |
| 63004 | ROTALLARM S GRE V12DAC | GY 57 | 63790 | MNF X RED P V12/24DAC | GY 63 | 63934 | MXF X CLR P V240AC | GY 66 |
| 63005 | ROTALLARM S YEL V12DAC | GY 57 | 63791 | MNF X YEL P V12/24DAC | GY 63 | 63965 | MXF X BLU E V110AC | GY 66 |
| 63006 | ROTALLARM S CLR V12DAC | GY 57 | 63792 | MNF X CLR P V12/24DAC | GY 63 | 63966 | MXF X AMB E V110AC | GY 66 |
| 63013 | ROTALLARM S BLU V24DAC | GY 57 | 63793 | MNF X BLU P V110AC | GY 63 | 63967 | MXF X RED E V110AC | GY 66 |
| 63014 | ROTALLARM S AMB V24DAC | GY 57 | 63794 | MNF X AMB P V110AC | GY 63 | 63968 | MXF X GRE E V110AC | GY 66 |
| 63015 | ROTALLARM S RED V24DAC | GY 57 | 63795 | MNF X RED P V110AC | GY 63 | 63969 | MXF X BLU E V240AC | GY 66 |
| 63016 | ROTALLARM S GRE V24DAC | GY 57 | 63796 | MNF X GRE P V110AC | GY 63 | 63970 | MXF X AMB E V240AC | GY 66 |
| 63017 | ROTALLARM S YEL V24DAC | GY 57 | 63797 | MNF X YEL P V110AC | GY 63 | 63971 | MXF X RED E V240AC | GY 66 |
| 63018 | ROTALLARM S CLR V24DAC | GY 57 | 63798 | MNF X CLR P V110AC | GY 63 | 63972 | MXF X CLR E V240AC | GY 66 |
| 63025 | ROTALLARM S BLU V48DC | GY 57 | 63799 | MNF X BLU P V240AC | GY 63 | 63975 | MXF X GRE E V240AC | GY 66 |
| 63026 | ROTALLARM S AMB V48DC | GY 57 | 63800 | MNF X AMB P V240AC | GY 63 | 63976 | MXF X YEL E V240AC | GY 66 |
| 63027 | ROTALLARM S RED V48DC | GY 57 | 63801 | MNF X RED P V240AC | GY 63 | 63989 | MXF X YEL E V110AC | GY 66 |
| 63028 | ROTALLARM S GRE V48DC | GY 57 | 63802 | MNF X GRE P V240AC | GY 63 | 63992 | MXF X CLR E V110AC | GY 66 |
| 63029 | ROTALLARM S YEL V48DC | GY 57 | 63803 | MNF X YEL P V240AC | GY 63 | 64112 | MLAMP X BLU V12/24DAC | GY 41 |
| 63030 | ROTALLARM S CLR V48DC | GY 57 | 63804 | MNF X CLR P V240AC | GY 63 | 64113 | MLAMP X AMB V12/24DAC | GY 41 |
| 63031 | ROTALLARM S BLU V48AC | GY 57 | 63817 | MNF X BLU E V12/24DAC | GY 63 | 64114 | MLAMP X RED V12/24DAC | GY 41 |
| 63032 | ROTALLARM S AMB V48AC | GY 57 | 63818 | MNF X AMB E V12/24DAC | GY 63 | 64115 | MLAMP X GRE V12/24DAC | GY 41 |
| 63033 | ROTALLARM S RED V48AC | GY 57 | 63819 | MNF X RED E V12/24DAC | GY 63 | 64116 | MLAMP X YEL V12/24DAC | GY 41 |
| 63034 | ROTALLARM S GRE V48AC | GY 57 | 63820 | MNF X YEL E V12/24DAC | GY 63 | 64117 | MLAMP X CLR V12/24DAC | GY 41 |
| 63035 | ROTALLARM S YEL V48AC | GY 57 | 63821 | MNF X BLU E V110AC | GY 63 | 64118 | MLAMP X BLU V110AC | GY 41 |
| 63036 | ROTALLARM S CLR V48AC | GY 57 | 63822 | MNF X AMB E V110AC | GY 63 | 64119 | MLAMP X AMB V110AC | GY 41 |
| 63037 | ROTALLARM S BLU V110AC | GY 57 | 63823 | MNF X RED E V110AC | GY 63 | 64120 | MLAMP X RED V110AC | GY 41 |
| 63038 | ROTALLARM S AMB V110AC | GY 57 | 63824 | MNF X GRE E V110AC | GY 63 | 64121 | MLAMP X YEL V110AC | GY 41 |
| 63039 | ROTALLARM S RED V110AC | GY 57 | 63825 | MNF X YEL E V110AC | GY 63 | 64122 | MLAMP X BLU V240AC | GY 41 |
| 63040 | ROTALLARM S GRE V110AC | GY 57 | 63826 | MNF X CLR E V110AC | GY 63 | 64123 | MLAMP X AMB V240AC | GY 41 |
| 63041 | ROTALLARM S YEL V110AC | GY 57 | 63827 | MNF X BLU E V240AC | GY 63 | 64124 | MLAMP X RED V240AC | GY 41 |
| 63042 | ROTALLARM S CLR V110AC | GY 57 | 63828 | MNF X AMB E V240AC | GY 63 | 64125 | MLAMP X GRE V240AC | GY 41 |
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| 63050 | ROTALLARM S AMB V240AC | GY 57 | 63830 | MNF X GRE E V240AC | GY 63 | 64127 | MLAMP X CLR V240AC | GY 41 |
| 63051 | ROTALLARM S RED V240AC | GY 57 | 63831 | MNF X YEL E V240AC | GY 63 | 64128 | MLAMP X GRE V110AC | GY 41 |
| 63052 | ROTALLARM S GRE V240AC | GY 57 | 63832 | MNF X CLR E V240AC | GY 63 | 64129 | MLAMP X CLR V110AC | GY 41 |
| 63053 | ROTALLARM S YEL V240AC | GY 57 | 63865 | MXF X BLU S V12/24DAC | GY 66 | 64442 | CTL900 X BLU V12/24DAC | GY 45 |
| 63054 | ROTALLARM S CLR V240AC | GY 57 | 63866 | MXF X AMB S V12/24DAC | GY 66 | 64443 | CTL900 X AMB V12/24DAC | GY 45 |
| 63055 | ROTALLARM S BLU V12DAC H1 | GY 57 | 63867 | MXF X RED S V12/24DAC | GY 66 | 64444 | CTL900 X RED V12/24DAC | GY 45 |
| 63056 | ROTALLARM S AMB V12DAC H1 | GY 57 | 63868 | MXF X GRE S V12/24DAC | GY 66 | 64445 | CTL900 X GRE V12/24DAC | GY 45 |
| 63057 | ROTALLARM S RED V12DAC H1 | GY 57 | 63869 | MXF X YEL S V12/24DAC | GY 66 | 64446 | CTL900 X YEL V12/24DAC | GY 45 |
| 63058 | ROTALLARM S GRE V12DAC H1 | GY 57 | 63870 | MXF X CLR S V12/24DAC | GY 66 | 64447 | CTL900 X CLR V12/24DAC | GY 45 |
| 63059 | ROTALLARM S YEL V12DAC H1 | GY 57 | 63871 | MXF X BLU S V110AC | GY 66 | 64448 | CTL900 X BLU V110AC | GY 45 |
| 63060 | ROTALLARM S CLR V12DAC H1 | GY 57 | 63872 | MXF X AMB S V110AC | GY 66 | 64449 | CTL900 X AMB V110AC | GY 45 |
| 63066 | ROTALLARM S BLU V24DAC H1 | GY 57 | 63873 | MXF X RED S V110AC | GY 66 | 64450 | CTL900 X RED V110AC | GY 45 |
| 63067 | ROTALLARM S AMB V24DAC H1 | GY 57 | 63874 | MXF X GRE S V110AC | GY 66 | 64451 | CTL900 X GRE V110AC | GY 45 |
| 63068 | ROTALLARM S RED V24DAC H1 | GY 57 | 63875 | MXF X YEL S V110AC | GY 66 | 64452 | CTL900 X YEL V110AC | GY 45 |

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| 64454 | CTL900 X BLU | V240AC | GY 45 | 65281 | MNF LED BLU P | V240AC | GY 63 | 65851 | STR LED72 BLU P | V110AC | BK 73 |
| 64455 | CTL900 X AMB | V240AC | GY 45 | 65282 | MNF LED AMB P | V240AC | GY 63 | 65852 | STR LED72 AMB P | V110AC | BK 73 |
| 64456 | CTL900 X RED | V240AC | GY 45 | 65283 | MNF LED RED P | V240AC | GY 63 | 65853 | STR LED72 RED P | V110AC | BK 73 |
| 64457 | CTL900 X GRE | V240AC | GY 45 | 65284 | MNF LED GRE P | V240AC | GY 63 | 65854 | STR LED72 GRE P | V110AC | BK 73 |
| 64458 | CTL900 X YEL | V240AC | GY 45 | 65285 | MNF LED YEL P | V240AC | GY 63 | 65855 | STR LED72 YEL P | V110AC | BK 73 |
| 64459 | CTL900 X CLR | V240AC | GY 45 | 65286 | MNF LED CLR P | V240AC | GY 63 | 65856 | STR LED72 CLR P | V110AC | BK 73 |
| 64524 | CTL1200 X BLU | V12/24DAC | GY 45 | 65291 | MNF LED BLU E | V24DAC | GY 63 | 65861 | STR LED72 BLU P | V240AC | BK 73 |
| 64525 | CTL1200 X AMB | V12/24DAC | GY 45 | 65292 | MNF LED AMB E | V24DAC | GY 63 | 65862 | STR LED72 AMB P | V240AC | BK 73 |
| 64526 | CTL1200 X RED | V12/24DAC | GY 45 | 65293 | MNF LED RED E | V24DAC | GY 63 | 65863 | STR LED72 RED P | V240AC | BK 73 |
| 64527 | CTL1200 X GRE | V12/24DAC | GY 45 | 65294 | MNF LED GRE E | V24DAC | GY 63 | 65864 | STR LED72 GRE P | V240AC | BK 73 |
| 64528 | CTL1200 X YEL | V12/24DAC | GY 45 | 65295 | MNF LED YEL E | V24DAC | GY 63 | 65865 | STR LED72 YEL P | V240AC | BK 73 |
| 64529 | CTL1200 X CLR | V12/24DAC | GY 45 | 65296 | MNF LED CLR E | V24DAC | GY 63 | 65866 | STR LED72 CLR P | V240AC | BK 73 |
| 64530 | CTL1200 X BLU | V110AC | GY 45 | 65301 | MNF LED BLU E | V48DAC | GY 63 | 65871 | STR LED86 BLU S | V24DAC | BK 73 |
| 64531 | CTL1200 X AMB | V110AC | GY 45 | 65302 | MNF LED AMB E | V48DAC | GY 63 | 65872 | STR LED86 AMB S | V24DAC | BK 73 |
| 64532 | CTL1200 X RED | V110AC | GY 45 | 65303 | MNF LED RED E | V48DAC | GY 63 | 65873 | STR LED86 RED S | V24DAC | BK 73 |
| 64533 | CTL1200 X GRE | V110AC | GY 45 | 65304 | MNF LED GRE E | V48DAC | GY 63 | 65874 | STR LED86 GRE S | V24DAC | BK 73 |
| 64534 | CTL1200 X YEL | V110AC | GY 45 | 65305 | MNF LED YEL E | V48DAC | GY 63 | 65875 | STR LED86 YEL S | V24DAC | BK 73 |
| 64535 | CTL1200 X CLR | V110AC | GY 45 | 65306 | MNF LED CLR E | V48DAC | GY 63 | 65876 | STR LED86 CLR S | V24DAC | BK 73 |
| 64536 | CTL1200 X BLU | V240AC | GY 45 | 65311 | MNF LED BLU E | V110AC | GY 63 | 65881 | STR LED86 BLU S | V48DAC | BK 73 |
| 64537 | CTL1200 X AMB | V240AC | GY 45 | 65312 | MNF LED AMB E | V110AC | GY 63 | 65882 | STR LED86 AMB S | V48DAC | BK 73 |
| 64538 | CTL1200 X RED | V240AC | GY 45 | 65313 | MNF LED RED E | V110AC | GY 63 | 65883 | STR LED86 RED S | V48DAC | BK 73 |
| 64539 | CTL1200 X GRE | V240AC | GY 45 | 65314 | MNF LED GRE E | V110AC | GY 63 | 65884 | STR LED86 GRE S | V48DAC | BK 73 |
| 64540 | CTL1200 X YEL | V240AC | GY 45 | 65315 | MNF LED YEL E | V110AC | GY 63 | 65885 | STR LED86 YEL S | V48DAC | BK 73 |
| 64541 | CTL1200 X CLR | V240AC | GY 45 | 65316 | MNF LED CLR E | V110AC | GY 63 | 65886 | STR LED86 CLR S | V48DAC | BK 73 |
| 65211 | MNF LED BLU S | V24DAC | GY 63 | 65321 | MNF LED BLU E | V240AC | GY 63 | 65891 | STR LED86 BLU S | V110AC | BK 73 |
| 65212 | MNF LED AMB S | V24DAC | GY 63 | 65322 | MNF LED AMB E | V240AC | GY 63 | 65892 | STR LED86 AMB S | V110AC | BK 73 |
| 65213 | MNF LED RED S | V24DAC | GY 63 | 65323 | MNF LED RED E | V240AC | GY 63 | 65893 | STR LED86 RED S | V110AC | BK 73 |
| 65214 | MNF LED GRE S | V24DAC | GY 63 | 65324 | MNF LED GRE E | V240AC | GY 63 | 65894 | STR LED86 GRE S | V110AC | BK 73 |
| 65215 | MNF LED YEL S | V24DAC | GY 63 | 65325 | MNF LED YEL E | V240AC | GY 63 | 65895 | STR LED86 YEL S | V110AC | BK 73 |
| 65216 | MNF LED CLR S | V24DAC | GY 63 | 65326 | MNF LED CLR E | V240AC | GY 63 | 65896 | STR LED86 CLR S | V110AC | BK 73 |
| 65221 | MNF LED BLU S | V48DAC | GY 63 | 65791 | STR LED72 BLU S | V24DAC | BK 73 | 65901 | STR LED86 BLU S | V240AC | BK 73 |
| 65222 | MNF LED AMB S | V48DAC | GY 63 | 65792 | STR LED72 AMB S | V24DAC | BK 73 | 65902 | STR LED86 AMB S | V240AC | BK 73 |
| 65223 | MNF LED RED S | V48DAC | GY 63 | 65793 | STR LED72 RED S | V24DAC | BK 73 | 65903 | STR LED86 RED S | V240AC | BK 73 |
| 65224 | MNF LED GRE S | V48DAC | GY 63 | 65794 | STR LED72 GRE S | V24DAC | BK 73 | 65904 | STR LED86 GRE S | V240AC | BK 73 |
| 65225 | MNF LED YEL S | V48DAC | GY 63 | 65795 | STR LED72 YEL S | V24DAC | BK 73 | 65905 | STR LED86 YEL S | V240AC | BK 73 |
| 65226 | MNF LED CLR S | V48DAC | GY 63 | 65796 | STR LED72 CLR S | V24DAC | BK 73 | 65906 | STR LED86 CLR S | V240AC | BK 73 |
| 65231 | MNF LED BLU S | V110AC | GY 63 | 65801 | STR LED72 BLU S | V48DAC | BK 73 | 65911 | STR LED86 BLU P | V24DAC | BK 73 |
| 65232 | MNF LED AMB S | V110AC | GY 63 | 65802 | STR LED72 AMB S | V48DAC | BK 73 | 65912 | STR LED86 AMB P | V24DAC | BK 73 |
| 65233 | MNF LED RED S | V110AC | GY 63 | 65803 | STR LED72 RED S | V48DAC | BK 73 | 65913 | STR LED86 RED P | V24DAC | BK 73 |
| 65234 | MNF LED GRE S | V110AC | GY 63 | 65804 | STR LED72 GRE S | V48DAC | BK 73 | 65914 | STR LED86 GRE P | V24DAC | BK 73 |
| 65235 | MNF LED YEL S | V110AC | GY 63 | 65805 | STR LED72 YEL S | V48DAC | BK 73 | 65915 | STR LED86 YEL P | V24DAC | BK 73 |
| 65236 | MNF LED CLR S | V110AC | GY 63 | 65806 | STR LED72 CLR S | V48DAC | BK 73 | 65916 | STR LED86 CLR P | V24DAC | BK 73 |
| 65241 | MNF LED BLU S | V240AC | GY 63 | 65811 | STR LED72 BLU S | V110AC | BK 73 | 65921 | STR LED86 BLU P | V48DAC | BK 73 |
| 65242 | MNF LED AMB S | V240AC | GY 63 | 65812 | STR LED72 AMB S | V110AC | BK 73 | 65922 | STR LED86 AMB P | V48DAC | BK 73 |
| 65243 | MNF LED RED S | V240AC | GY 63 | 65813 | STR LED72 RED S | V110AC | BK 73 | 65923 | STR LED86 RED P | V48DAC | BK 73 |
| 65244 | MNF LED GRE S | V240AC | GY 63 | 65814 | STR LED72 GRE S | V110AC | BK 73 | 65924 | STR LED86 GRE P | V48DAC | BK 73 |
| 65245 | MNF LED YEL S | V240AC | GY 63 | 65815 | STR LED72 YEL S | V110AC | BK 73 | 65925 | STR LED86 YEL P | V48DAC | BK 73 |
| 65246 | MNF LED CLR S | V240AC | GY 63 | 65816 | STR LED72 CLR S | V110AC | BK 73 | 65926 | STR LED86 CLR P | V48DAC | BK 73 |
| 65251 | MNF LED BLU P | V24DAC | GY 63 | 65821 | STR LED72 BLU S | V240AC | BK 73 | 65931 | STR LED86 BLU P | V110AC | BK 73 |
| 65252 | MNF LED AMB P | V24DAC | GY 63 | 65822 | STR LED72 AMB S | V240AC | BK 73 | 65932 | STR LED86 AMB P | V110AC | BK 73 |
| 65253 | MNF LED RED P | V24DAC | GY 63 | 65823 | STR LED72 RED S | V240AC | BK 73 | 65933 | STR LED86 RED P | V110AC | BK 73 |
| 65254 | MNF LED GRE P | V24DAC | GY 63 | 65824 | STR LED72 GRE S | V240AC | BK 73 | 65934 | STR LED86 GRE P | V110AC | BK 73 |
| 65255 | MNF LED YEL P | V24DAC | GY 63 | 65825 | STR LED72 YEL S | V240AC | BK 73 | 65935 | STR LED86 YEL P | V110AC | BK 73 |
| 65256 | MNF LED CLR P | V24DAC | GY 63 | 65826 | STR LED72 CLR S | V240AC | BK 73 | 65936 | STR LED86 CLR P | V110AC | BK 73 |
| 65261 | MNF LED BLU P | V48DAC | GY 63 | 65831 | STR LED72 BLU P | V24DAC | BK 73 | 65941 | STR LED86 BLU P | V240AC | BK 73 |
| 65262 | MNF LED AMB P | V48DAC | GY 63 | 65832 | STR LED72 AMB P | V240AC | BK 73 | 65942 | STR LED86 AMB P | V240AC | BK 73 |
| 65263 | MNF LED RED P | V48DAC | GY 63 | 65833 | STR LED72 RED P | V240AC | BK 73 | 65943 | STR LED86 RED P | V240AC | BK 73 |
| 65264 | MNF LED GRE P | V48DAC | GY 63 | 65834 | STR LED72 GRE P | V240AC | BK 73 | 65944 | STR LED86 GRE P | V240AC | BK 73 |
| 65265 | MNF LED YEL P | V48DAC | GY 63 | 65835 | STR LED72 YEL P | V240AC | BK 73 | 65945 | STR LED86 YEL P | V240AC | BK 73 |
| 65266 | MNF LED CLR P | V48DAC | GY 63 | 65836 | STR LED72 CLR P | V240AC | BK 73 | 65946 | STR LED86 CLR P | V240AC | BK 73 |
| 65271 | MNF LED BLU P | V110AC | GY 63 | 65841 | STR LED72 BLU P | V48DAC | BK 73 | 66801 | 85 LED S STY BLU | V24DAC | GY 88 |
| 65272 | MNF LED AMB P | V110AC | GY 63 | 65842 | STR LED72 AMB P | V48DAC | BK 73 | 66802 | 85 LED S STY AMB | V24DAC | GY 88 |
| 65273 | MNF LED RED P | V110AC | GY 63 | 65843 | STR LED72 RED P | V48DAC | BK 73 | 66803 | 85 LED S STY RED | V24DAC | GY 88 |
| 65274 | MNF LED GRE P | V110AC | GY 63 | 65844 | STR LED72 GRE P | V48DAC | BK 73 | 66804 | 85 LED S STY GRE | V24DAC | GY 88 |
| 65275 | MNF LED YEL P | V110AC | GY 63 | 65845 | STR LED72 YEL P | V48DAC | BK 73 | 66805 | 85 LED S STY YEL | V24DAC | GY 88 |

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| 66812 | 85 LED S STY AMB V48DAC | GY 88 | 68682 | MNF LED AMB P V240AC | BK 63 | 70957 | BULB BA15D 40W V24 | 89 |
| 66813 | 85 LED S STY RED V48DAC | GY 88 | 68683 | MNF LED RED P V240AC | BK 63 | 70958 | BULB BA15D 40W V48 | 89 |
| 66814 | 85 LED S STY GRE V48DAC | GY 88 | 68684 | MNF LED GRE P V240AC | BK 63 | 70959 | BULB BA15D 40W V130 | 89 |
| 66815 | 85 LED S STY YEL V48DAC | GY 88 | 68685 | MNF LED YEL P V240AC | BK 63 | 70960 | BULB BA15D 40W V240 | 89 |
| 66816 | 85 LED S STY CLR V48DAC | GY 88 | 68686 | MNF LED CLR P V240AC | BK 63 | 70970 | BULB {1X25PZ} BA15D 5W V12 | 89 |
| 66821 | 85 LED S STY BLU V110AC | GY 88 | 68691 | MNF LED BLU P V48DAC | BK 63 | 70971 | BULB {1X25PZ} BA15D 5W V24 | 89 |
| 66822 | 85 LED S STY AMB V110AC | GY 88 | 68692 | MNF LED AMB P V48DAC | BK 63 | 70972 | BULB {1X25PZ} BA15D 5W V48 | 89 |
| 66823 | 85 LED S STY RED V110AC | GY 88 | 68693 | MNF LED RED P V48DAC | BK 63 | 70973 | BULB {1X25PZ} BA15D 5W V130 | 89 |
| 66824 | 85 LED S STY GRE V110AC | GY 88 | 68694 | MNF LED GRE P V48DAC | BK 63 | 70974 | BULB {1X25PZ} BA15D 5W V240 | 89 |
| 66825 | 85 LED S STY YEL V110AC | GY 88 | 68695 | MNF LED YEL P V48DAC | BK 63 | 70975 | BULB {1X25PZ} BA15D 10W V12 | 89 |
| 66826 | 85 LED S STY CLR V110AC | GY 88 | 68696 | MNF LED CLR P V48DAC | BK 63 | 70976 | BULB {1X25PZ} BA15D 10W V24 | 89 |
| 66831 | 85 LED S STY BLU V240AC | GY 88 | 68701 | MNF LED BLU P V110AC | BK 63 | 70977 | BULB {1X25PZ} BA15D 10W V48 | 89 |
| 66832 | 85 LED S STY AMB V240AC | GY 88 | 68702 | MNF LED AMB P V110AC | BK 63 | 70978 | BULB {1X25PZ} BA15D 10W V110 | 89 |
| 66833 | 85 LED S STY RED V240AC | GY 88 | 68703 | MNF LED RED P V110AC | BK 63 | 70979 | BULB {1X25PZ} BA15D 10W V240 | 89 |
| 66834 | 85 LED S STY GRE V240AC | GY 88 | 68704 | MNF LED GRE P V110AC | BK 63 | 70980 | BULB {1X25PZ} BA15D 25W V12 | 89 |
| 66835 | 85 LED S STY YEL V240AC | GY 88 | 68705 | MNF LED YEL P V110AC | BK 63 | 70981 | BULB {1X25PZ} BA15D 25W V24 | 89 |
| 66836 | 85 LED S STY CLR V240AC | GY 88 | 68706 | MNF LED CLR P V110AC | BK 63 | 70982 | BULB {1X25PZ} BA15D 25W V48 | 89 |
| 66881 | 85 LED S S/F BLU V24DAC | GY 88 | 68711 | MNF LED BLU P V240AC | BK 63 | 70983 | BULB {1X25PZ} BA15D 25W V130 | 89 |
| 66882 | 85 LED S S/F AMB V24DAC | GY 88 | 68712 | MNF LED AMB P V240AC | BK 63 | 70984 | BULB {1X25PZ} BA15D 25W V240 | 89 |
| 66883 | 85 LED S S/F RED V24DAC | GY 88 | 68713 | MNF LED RED P V240AC | BK 63 | 70985 | BULB {1X25PZ} BA15D 40W V12 | 89 |
| 66884 | 85 LED S S/F GRE V24DAC | GY 88 | 68714 | MNF LED GRE P V240AC | BK 63 | 70986 | BULB {1X25PZ} BA15D 40W V24 | 89 |
| 66885 | 85 LED S S/F YEL V24DAC | GY 88 | 68715 | MNF LED YEL P V240AC | BK 63 | 70987 | BULB {1X25PZ} BA15D 40W V48 | 89 |
| 66886 | 85 LED S S/F CLR V24DAC | GY 88 | 68716 | MNF LED CLR P V240AC | BK 63 | 70988 | BULB {1X25PZ} BA15D 40W V130 | 89 |
| 66891 | 85 LED S S/F BLU V48DAC | GY 88 | 68721 | MNF LED BLU E V240AC | BK 63 | 70989 | BULB {1X25PZ} BA15D 40W V240 | 89 |
| 66892 | 85 LED S S/F AMB V48DAC | GY 88 | 68722 | MNF LED AMB E V240AC | BK 63 | 71090 | CTL 1200 SPARE DOME BLU | 45 |
| 66893 | 85 LED S S/F RED V48DAC | GY 88 | 68723 | MNF LED RED E V240AC | BK 63 | 71091 | CTL 1200 SPARE DOME AMB | 45 |
| 66894 | 85 LED S S/F GRE V48DAC | GY 88 | 68724 | MNF LED GRE E V240AC | BK 63 | 71092 | CTL 1200 SPARE DOME RED | 45 |
| 66895 | 85 LED S S/F YEL V48DAC | GY 88 | 68725 | MNF LED YEL E V240AC | BK 63 | 71093 | CTL 1200 SPARE DOME GRE | 45 |
| 66896 | 85 LED S S/F CLR V48DAC | GY 88 | 68726 | MNF LED CLR E V240AC | BK 63 | 71094 | CTL 1200 SPARE DOME YEL | 45 |
| 66901 | 85 LED S S/F BLU V110AC | GY 88 | 68731 | MNF LED BLU E V48DAC | BK 63 | 71095 | CTL 1200 SPARE DOME CLR | 45 |
| 66902 | 85 LED S S/F AMB V110AC | GY 88 | 68732 | MNF LED AMB E V48DAC | BK 63 | 71098 | OVOLUX SPARE DOME GRE | 33-47 |
| 66903 | 85 LED S S/F RED V110AC | GY 88 | 68733 | MNF LED RED E V48DAC | BK 63 | 71099 | OVOLUX SPARE DOME YEL | 33-47 |
| 66904 | 85 LED S S/F GRE V110AC | GY 88 | 68734 | MNF LED GRE E V48DAC | BK 63 | 71100 | OVOLUX SPARE DOME CLR | 33-47 |
| 66905 | 85 LED S S/F YEL V110AC | GY 88 | 68735 | MNF LED YEL E V48DAC | BK 63 | 71115 | OVOLUX SPARE DOME BLU | 33-47 |
| 66906 | 85 LED S S/F CLR V110AC | GY 88 | 68736 | MNF LED CLR E V48DAC | BK 63 | 71116 | OVOLUX SPARE DOME AMB | 33-47 |
| 66911 | 85 LED S S/F BLU V240AC | GY 88 | 68741 | MNF LED BLU E V110AC | BK 63 | 71117 | OVOLUX SPARE DOME RED | 33-47 |
| 66912 | 85 LED S S/F AMB V240AC | GY 88 | 68742 | MNF LED AMB E V110AC | BK 63 | 71166 | TYPE 200 SPARE DOME BLU | 68 |
| 66913 | 85 LED S S/F RED V240AC | GY 88 | 68743 | MNF LED RED E V110AC | BK 63 | 71167 | TYPE 200 SPARE DOME AMB | 68 |
| 66914 | 85 LED S S/F GRE V240AC | GY 88 | 68744 | MNF LED GRE E V110AC | BK 63 | 71168 | TYPE 200 SPARE DOME RED | 68 |
| 66915 | 85 LED S S/F YEL V240AC | GY 88 | 68745 | MNF LED YEL E V110AC | BK 63 | 71169 | TYPE 200 SPARE DOME GRE | 68 |
| 66916 | 85 LED S S/F CLR V240AC | GY 88 | 68746 | MNF LED CLR E V110AC | BK 63 | 71172 | TYPE 200 SPARE DOME YEL | 68 |
| 68641 | MNF LED BLU S V24DAC | BK 63 | 68751 | MNF LED BLU E V240AC | BK 63 | 71173 | TYPE 200 SPARE DOME CLR | 68 |
| 68642 | MNF LED AMB S V24DAC | BK 63 | 68752 | MNF LED AMB E V240AC | BK 63 | 71190 | CTL 600 SPARE DOME BLU | 45 |
| 68643 | MNF LED RED S V24DAC | BK 63 | 68753 | MNF LED RED E V240AC | BK 63 | 71191 | CTL 600 SPARE DOME AMB | 45 |
| 68644 | MNF LED GRE S V24DAC | BK 63 | 68754 | MNF LED GRE E V240AC | BK 63 | 71192 | CTL 600 SPARE DOME RED | 45 |
| 68645 | MNF LED YEL S V24DAC | BK 63 | 68755 | MNF LED YEL E V240AC | BK 63 | 71193 | CTL 600 SPARE DOME GRE | 45 |
| 68646 | MNF LED CLR S V24DAC | BK 63 | 68756 | MNF LED CLR E V240AC | BK 63 | 71194 | CTL 600 SPARE DOME YEL | 45 |
| 68651 | MNF LED BLU S V48DAC | BK 63 | 70912 | BULB XENON 1J | 89 | 71195 | CTL 600 SPARE DOME CLR | 45 |
| 68652 | MNF LED AMB S V48DAC | BK 63 | 70915 | BULB H BAY9S 21W V12 | 89 | 71196 | CTL 900 SPARE DOME BLU | 45 |
| 68653 | MNF LED RED S V48DAC | BK 63 | 70916 | BULB H BAY9S 21W V24 | 89 | 71197 | CTL 900 SPARE DOME AMB | 45 |
| 68654 | MNF LED GRE S V48DAC | BK 63 | 70941 | BULB BA15D 5W V12 | 89 | 71198 | CTL 900 SPARE DOME RED | 45 |
| 68655 | MNF LED YEL S V48DAC | BK 63 | 70942 | BULB BA15D 5W V24 | 89 | 71199 | CTL 900 SPARE DOME GRE | 45 |
| 68656 | MNF LED CLR S V48DAC | BK 63 | 70943 | BULB BA15D 5W V48 | 89 | 71200 | CTL 900 SPARE DOME YEL | 45 |
| 68661 | MNF LED BLU S V110AC | BK 63 | 70944 | BULB BA15D 5W V130 | 89 | 71201 | CTL 900 SPARE DOME CLR | 45 |
| 68662 | MNF LED AMB S V110AC | BK 63 | 70945 | BULB BA15D 5W V240 | 89 | 71293 | FAROLAMP SPARE DOME YEL | 69-70 |
| 68663 | MNF LED RED S V110AC | BK 63 | 70946 | BULB BA15D 10W V12 | 89 | 71300 | RA FLUTED SPARE DOME AMB | 53-54-57-59 |
| 68664 | MNF LED GRE S V110AC | BK 63 | 70947 | BULB BA15D 10W V24 | 89 | 71301 | RA FLUTED SPARE DOME BLU | 53-54-57-59 |
| 68665 | MNF LED YEL S V110AC | BK 63 | 70948 | BULB BA15D 10W V48 | 89 | 71302 | RA FLUTED SPARE DOME CLR | 53-54-57-59 |
| 68666 | MNF LED CLR S V110AC | BK 63 | 70949 | BULB BA15D 10W V130 | 89 | 71303 | RA FLUTED SPARE DOME RED | 53-54-57-59 |
| 68671 | MNF LED BLU S V240AC | BK 63 | 70950 | BULB BA15D 10W V240 | 89 | 71304 | RA FLUTED SPARE DOME GRE | 53-54-57-59 |
| 68672 | MNF LED AMB S V240AC | BK 63 | 70951 | BULB BA15D 25W V12 | 89 | 71305 | RA SMOOTH SPARE DOME AMB | 57-59 |
| 68673 | MNF LED RED S V240AC | BK 63 | 70952 | BULB BA15D 25W V24 | 89 | 71306 | RA SMOOTH SPARE DOME BLU | 57-59 |
| 68674 | MNF LED GRE S V240AC | BK 63 | 70953 | BULB BA15D 25W V48 | 89 | 71307 | RA SMOOTH SPARE DOME CLR | 57-59 |
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| 71310 | MLAMP SPARE DOME AMB | 41 | 78072 | MLAMP S/F A AMB V12DAC | BK 41 | 78222 | CTL600 S/F A AMB V110AC | BK 45 |
| 71311 | MLAMP SPARE DOME BLU | 41 | 78073 | MLAMP S/F A RED V12DAC | BK 41 | 78223 | CTL600 S/F A RED V110AC | BK 45 |
| 71312 | MLAMP SPARE DOME CLR | 41 | 78074 | MLAMP S/F A GRE V12DAC | BK 41 | 78224 | CTL600 S/F A GRE V110AC | BK 45 |
| 71313 | MLAMP SPARE DOME RED | 41 | 78075 | MLAMP S/F A YEL V12DAC | BK 41 | 78225 | CTL600 S/F A YEL V110AC | BK 45 |
| 71314 | MLAMP SPARE DOME GRE | 41 | 78076 | MLAMP S/F A CLR V12DAC | BK 41 | 78226 | CTL600 S/F A CLR V110AC | BK 45 |
| 71315 | MINIFLASH SPARE DOME AMB | 63 | 78081 | MLAMP S/F A BLU V24DAC | BK 41 | 78241 | CTL600 S/F A BLU V240AC | BK 45 |
| 71316 | MINIFLASH SPARE DOME RED | 63 | 78082 | MLAMP S/F A AMB V24DAC | BK 41 | 78242 | CTL600 S/F A AMB V240AC | BK 45 |
| 71317 | MINIFLASH SPARE DOME CLR | 63 | 78083 | MLAMP S/F A RED V24DAC | BK 41 | 78243 | CTL600 S/F A RED V240AC | BK 45 |
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| 71319 | MINIFLASH SPARE DOME GRE | 63 | 78085 | MLAMP S/F A YEL V24DAC | BK 41 | 78245 | CTL600 S/F A YEL V240AC | BK 45 |
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| 71321 | MAXIFLASH SPARE DOME BLU | 64-66 | 78091 | MLAMP S/F A BLU V48DAC | BK 41 | 78251 | CTL900 S/F A BLU V12DAC | BK 45 |
| 71322 | MAXIFLASH SPARE DOME CLR | 64-66 | 78092 | MLAMP S/F A AMB V48DAC | BK 41 | 78252 | CTL900 S/F A AMB V12DAC | BK 45 |
| 71323 | MAXIFLASH SPARE DOME RED | 64-66 | 78093 | MLAMP S/F A RED V48DAC | BK 41 | 78253 | CTL900 S/F A RED V12DAC | BK 45 |
| 71324 | MAXIFLASH SPARE DOME GRE | 64-66 | 78094 | MLAMP S/F A GRE V48DAC | BK 41 | 78254 | CTL900 S/F A GRE V12DAC | BK 45 |
| 71325 | FAROLAMP SPARE DOME AMB | 69-70 | 78095 | MLAMP S/F A YEL V48DAC | BK 41 | 78255 | CTL900 S/F A YEL V12DAC | BK 45 |
| 71326 | FAROLAMP SPARE DOME BLU | 69-70 | 78096 | MLAMP S/F A CLR V48DAC | BK 41 | 78256 | CTL900 S/F A CLR V12DAC | BK 45 |
| 71327 | FAROLAMP SPARE DOME CLR | 69-70 | 78101 | MLAMP S/F A BLU V110AC | BK 41 | 78261 | CTL900 S/F A BLU V24DAC | BK 45 |
| 71328 | FAROLAMP SPARE DOME RED | 69-70 | 78102 | MLAMP S/F A AMB V110AC | BK 41 | 78262 | CTL900 S/F A AMB V24DAC | BK 45 |
| 71329 | FAROLAMP SPARE DOME GRE | 69-70 | 78103 | MLAMP S/F A RED V110AC | BK 41 | 78263 | CTL900 S/F A RED V24DAC | BK 45 |
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| 71331 | RA SMOOTH SPARE DOME YEL | 57-59 | 78105 | MLAMP S/F A YEL V110AC | BK 41 | 78265 | CTL900 S/F A YEL V24DAC | BK 45 |
| 71332 | MLAMP SPARE DOME YEL | 41 | 78106 | MLAMP S/F A CLR V110AC | BK 41 | 78266 | CTL900 S/F A CLR V24DAC | BK 45 |
| 71333 | MINIFLASH SPARE DOME YEL | 63 | 78121 | MLAMP S/F A BLU V240AC | BK 41 | 78271 | CTL900 S/F A BLU V48DAC | BK 45 |
| 71334 | MAXIFLASH SPARE DOME YEL | 64-66 | 78122 | MLAMP S/F A AMB V240AC | BK 41 | 78272 | CTL900 S/F A AMB V48DAC | BK 45 |
| 71383 | STR SPARE DOME YEL | 73 | 78123 | MLAMP S/F A RED V240AC | BK 41 | 78273 | CTL900 S/F A RED V48DAC | BK 45 |
| 71385 | STR SPARE DOME AMB | 73 | 78124 | MLAMP S/F A GRE V240AC | BK 41 | 78274 | CTL900 S/F A GRE V48DAC | BK 45 |
| 71386 | STR SPARE DOME BLU | 73 | 78125 | MLAMP S/F A YEL V240AC | BK 41 | 78275 | CTL900 S/F A YEL V48DAC | BK 45 |
| 71387 | STR SPARE DOME CLR | 73 | 78126 | MLAMP S/F A CLR V240AC | BK 41 | 78276 | CTL900 S/F A CLR V48DAC | BK 45 |
| 71388 | STR SPARE DOME RED | 73 | 78131 | MLAMP X A BLU V12/24DAC | BK 41 | 78281 | CTL900 S/F A BLU V110AC | BK 45 |
| 71389 | STR SPARE DOME GRE | 73 | 78132 | MLAMP X A AMB V12/24DAC | BK 41 | 78282 | CTL900 S/F A AMB V110AC | BK 45 |
| 71600 | BULB BA15S 45W V12 | 89 | 78133 | MLAMP X A RED V12/24DAC | BK 41 | 78283 | CTL900 S/F A RED V110AC | BK 45 |
| 71601 | BULB BA15S 45W V24 | 89 | 78134 | MLAMP X A GRE V12/24DAC | BK 41 | 78284 | CTL900 S/F A GRE V110AC | BK 45 |
| 71602 | BULB H1 55W V12 | 89 | 78135 | MLAMP X A YEL V12/24DAC | BK 41 | 78285 | CTL900 S/F A YEL V110AC | BK 45 |
| 71603 | BULB H1 70W V24 | 89 | 78136 | MLAMP X A CLR V12/24DAC | BK 41 | 78286 | CTL900 S/F A CLR V110AC | BK 45 |
| 71606 | BULB BA15S 45W V48 | 89 | 78141 | MLAMP X A BLU V110AC | BK 41 | 78301 | CTL900 S/F A BLU V240AC | BK 45 |
| 71615 | BULB E14S 40W V110 | 89 | 78142 | MLAMP X A AMB V110AC | BK 41 | 78302 | CTL900 S/F A AMB V240AC | BK 45 |
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| 71663 | BULB E14ST 25W V48 | 89 | 78153 | MLAMP X A RED V240AC | BK 41 | 78313 | CTL1200 S/F A RED V12DAC | BK 45 |
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| 71872 | WALL BASE BLACK | 52-53-57-63-64-66-68 | 78191 | CTL600 S/F A BLU V12DAC | BK 45 | 78321 | CTL1200 S/F A BLU V24DAC | BK 45 |
| 72692 | WALL BASE GRAY | 52-53-57-63-64-66-68 | 78192 | CTL600 S/F A AMB V12DAC | BK 45 | 78322 | CTL1200 S/F A AMB V24DAC | BK 45 |
| 72745 | BULB (25P2) BA15D 40W V12 | 89 | 78193 | CTL600 S/F A RED V12DAC | BK 45 | 78323 | CTL1200 S/F A RED V24DAC | BK 45 |
| 72746 | BULB (25P2) BA15D 40W V24 | 89 | 78194 | CTL600 S/F A GRE V12DAC | BK 45 | 78324 | CTL1200 S/F A GRE V24DAC | BK 45 |
| 72747 | BULB (25P2) BA15D 40W V48 | 89 | 78195 | CTL600 S/F A YEL V12DAC | BK 45 | 78325 | CTL1200 S/F A YEL V24DAC | BK 45 |
| 72748 | BULB (25P2) BA15D 40W V110 | 89 | 78196 | CTL600 S/F A CLR V12DAC | BK 45 | 78326 | CTL1200 S/F A CLR V24DAC | BK 45 |
| 72749 | BULB (25P2) BA15D 40W V240 | 89 | 78201 | CTL600 S/F A BLU V24DAC | BK 45 | 78331 | CTL1200 S/F A BLU V48DAC | BK 45 |
| 72773 | BULB (25P2) BA15D 25W V12 | 89 | 78202 | CTL600 S/F A AMB V24DAC | BK 45 | 78332 | CTL1200 S/F A AMB V48DAC | BK 45 |
| 72774 | BULB (25P2) BA15D 25W V24 | 89 | 78203 | CTL600 S/F A RED V24DAC | BK 45 | 78333 | CTL1200 S/F A RED V48DAC | BK 45 |
| 72775 | BULB (25P2) BA15D 25W V48 | 89 | 78204 | CTL600 S/F A GRE V24DAC | BK 45 | 78334 | CTL1200 S/F A GRE V48DAC | BK 45 |
| 72776 | BULB (25P2) BA15D 25W V110 | 89 | 78205 | CTL600 S/F A YEL V24DAC | BK 45 | 78335 | CTL1200 S/F A YEL V48DAC | BK 45 |
| 72777 | BULB (25P2) BA15D 25W V240 | 89 | 78206 | CTL600 S/F A CLR V24DAC | BK 45 | 78336 | CTL1200 S/F A CLR V48DAC | BK 45 |
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| 75091 | ROTOSPHERE SPARE DOME AMB | 52 | 78212 | CTL600 S/F A AMB V48DAC | BK 45 | 78342 | CTL1200 S/F A AMB V110AC | BK 45 |
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| 75093 | ROTOSPHERE SPARE DOME GRE | 52 | 78214 | CTL600 S/F A GRE V48DAC | BK 45 | 78344 | CTL1200 S/F A GRE V110AC | BK 45 |
| 75094 | ROTOSPHERE SPARE DOME YEL | 52 | 78215 | CTL600 S/F A YEL V48DAC | BK 45 | 78345 | CTL1200 S/F A YEL V110AC | BK 45 |
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| 78364 | CTL1200 S/F A GRE | V240AC BK 45 | 79704 | MLAMP STY GRE | V12/240DACBK 41 | 80561 | MNF X BLU P | V240AC BK 63 |
| 78365 | CTL1200 S/F A YEL | V240AC BK 45 | 79705 | MLAMP STY YEL | V12/240DACBK 41 | 80562 | MNF X CLR P | V240AC BK 63 |
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| 78374 | CTL900 X A GRE | V12/24DAC BK 45 | 79724 | MLAMP S/F A GRE | V12DAC GY 41 | 80571 | MNF X AMB P | V110AC BK 63 |
| 78375 | CTL900 X A YEL | V12/24DAC BK 45 | 79725 | MLAMP S/F A YEL | V12DAC GY 41 | 80572 | MNF X CLR P | V110AC BK 63 |
| 78376 | CTL900 X A CLR | V12/24DAC BK 45 | 79726 | MLAMP S/F A CLR | V12DAC GY 41 | 80575 | MNF X YEL P | V110AC BK 63 |
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| 78384 | CTL900 X A GRE | V110AC BK 45 | 79734 | MLAMP S/F A GRE | V24DAC GY 41 | 80597 | MNF X RED E | V12/24DAC BK 63 |
| 78385 | CTL900 X A YEL | V110AC BK 45 | 79735 | MLAMP S/F A YEL | V24DAC GY 41 | 80598 | MNF X YEL E | V12/24DAC BK 63 |
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| 78395 | CTL900 X A YEL | V240AC BK 45 | 79745 | MLAMP S/F A YEL | V48DAC GY 41 | 80612 | MNF X CLR E | V240AC BK 63 |
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| 78512 | CTL1200 X A AMB | V12/24DAC BK 45 | 79752 | MLAMP S/F A AMB | V110AC GY 41 | 80621 | MNF X AMB E | V110AC BK 63 |
| 78513 | CTL1200 X A RED | V12/24DAC BK 45 | 79753 | MLAMP S/F A RED | V110AC GY 41 | 80622 | MNF X GRE E | V110AC BK 63 |
| 78514 | CTL1200 X A GRE | V12/24DAC BK 45 | 79754 | MLAMP S/F A GRE | V110AC GY 41 | 80623 | MNF X BLU E | V110AC BK 63 |
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| 78516 | CTL1200 X A CLR | V12/24DAC BK 45 | 79756 | MLAMP S/F A CLR | V110AC GY 41 | 80626 | MNF X YEL E | V240AC BK 63 |
| 78521 | CTL1200 X A BLU | V110AC BK 45 | 79771 | MLAMP S/F A BLU | V240AC GY 41 | 81596 | STR STEADY YEL S | V240DAC BK 72 |
| 78522 | CTL1200 X A AMB | V110AC BK 45 | 79772 | MLAMP S/F A AMB | V240AC GY 41 | 81597 | STR STEADY AMB P | V240DAC BK 72 |
| 78523 | CTL1200 X A RED | V110AC BK 45 | 79773 | MLAMP S/F A RED | V240AC GY 41 | 81598 | STR STEADY CLR S | V240DAC BK 72 |
| 78524 | CTL1200 X A GRE | V110AC BK 45 | 79774 | MLAMP S/F A GRE | V240AC GY 41 | 81599 | STR STEADY BLU S | V240DAC BK 72 |
| 78525 | CTL1200 X A YEL | V110AC BK 45 | 79775 | MLAMP S/F A YEL | V240AC GY 41 | 81600 | STR STEADY AMB S | V12DAC BK 72 |
| 78526 | CTL1200 X A CLR | V110AC BK 45 | 79776 | MLAMP S/F A CLR | V240AC GY 41 | 81601 | STR STEADY AMB S | V24DAC BK 72 |
| 78531 | CTL1200 X A BLU | V240AC BK 45 | 79781 | MLAMP STY BLU | V12/240DACGY 41 | 81602 | STR STEADY RED S | V24DAC BK 72 |
| 78532 | CTL1200 X A AMB | V240AC BK 45 | 79782 | MLAMP STY AMB | V12/240DACGY 41 | 81603 | STR STEADY RED P | V24DAC BK 72 |
| 78533 | CTL1200 X A RED | V240AC BK 45 | 79783 | MLAMP STY RED | V12/240DACGY 41 | 81606 | STR STEADY AMB S | V48AC BK 72 |
| 78534 | CTL1200 X A GRE | V240AC BK 45 | 79784 | MLAMP STY GRE | V12/240DACGY 41 | 81607 | STR STEADY AMB S | V110DAC BK 72 |
| 78535 | CTL1200 X A YEL | V240AC BK 45 | 79785 | MLAMP STY YEL | V12/240DACGY 41 | 81611 | STR STEADY RED P | V12DAC BK 72 |
| 78536 | CTL1200 X A CLR | V240AC BK 45 | 79786 | MLAMP STY CLR | V12/240DACGY 41 | 81612 | STR STEADY GRE P | V240DAC BK 72 |
| 79601 | MLAMP S/F BLU | V12/48DC GY 41 | 80050 | RA S FLA AMB | V12DAC H1 BK 57 | 81613 | STR STEADY AMB S | V240DAC BK 72 |
| 79602 | MLAMP S/F AMB | V12/48DC GY 41 | 80051 | RA S FLA BLU | V12DAC H1 BK 57 | 81614 | STR STEADY RED S | V48AC BK 72 |
| 79603 | MLAMP S/F RED | V12/48DC GY 41 | 80052 | RA S FLA CLR | V12DAC H1 BK 57 | 81615 | STR STEADY YEL S | V24DAC BK 72 |
| 79604 | MLAMP S/F GRE | V12/48DC GY 41 | 80053 | RA S FLA RED | V12DAC H1 BK 57 | 81616 | STR STEADY RED S | V240DAC BK 72 |
| 79605 | MLAMP S/F YEL | V12/48DC GY 41 | 80054 | RA S FLA GRE | V12DAC H1 BK 57 | 81618 | STR STEADY RED P | V48DC BK 72 |
| 79606 | MLAMP S/F CLR | V12/48DC GY 41 | 80060 | RA S FLA AMB | V24DAC H1 BK 57 | 81620 | STR STEADY YEL P | V240DAC BK 72 |
| 79611 | MLAMP S/F BLU | V24/240AC GY 41 | 80061 | RA S FLA BLU | V24DAC H1 BK 57 | 81623 | STR STEADY BLU P | V110DAC BK 72 |
| 79612 | MLAMP S/F AMB | V24/240AC GY 41 | 80062 | RA S FLA CLR | V24DAC H1 BK 57 | 81624 | STR STEADY CLR P | V240DAC BK 72 |
| 79613 | MLAMP S/F RED | V24/240AC GY 41 | 80063 | RA S FLA RED | V24DAC H1 BK 57 | 81625 | STR STEADY GRE S | V24DAC BK 72 |
| 79614 | MLAMP S/F GRE | V24/240AC GY 41 | 80064 | RA S FLA GRE | V24DAC H1 BK 57 | 81626 | STR STEADY CLR S | V24DAC BK 72 |
| 79615 | MLAMP S/F YEL | V24/240AC GY 41 | 80093 | RA S FLA YEL | V24DAC H1 BK 57 | 81628 | STR STEADY BLU S | V24DAC BK 72 |
| 79616 | MLAMP S/F CLR | V24/240AC GY 41 | 80094 | RA S FLA YEL | V12DAC H1 BK 57 | 81629 | STR STEADY RED P | V240DAC BK 72 |
| 79621 | MLAMP S/F BLU | V12/48DC BK 41 | 80510 | MNF X AMB S | V240AC BK 63 | 81633 | STR STEADY RED S | V110DAC BK 72 |
| 79622 | MLAMP S/F AMB | V12/48DC BK 41 | 80511 | MNF X BLU S | V240AC BK 63 | 81634 | STR STEADY AMB P | V24DAC BK 72 |
| 79623 | MLAMP S/F RED | V12/48DC BK 41 | 80512 | MNF X CLR S | V240AC BK 63 | 81635 | STR STEADY CLR P | V24DAC BK 72 |
| 79624 | MLAMP S/F GRE | V12/48DC BK 41 | 80513 | MNF X RED S | V240AC BK 63 | 81637 | STR STEADY GRE S | V110DAC BK 72 |
| 79625 | MLAMP S/F YEL | V12/48DC BK 41 | 80514 | MNF X GRE S | V240AC BK 63 | 81638 | STR STEADY YEL S | V110DAC BK 72 |
| 79626 | MLAMP S/F CLR | V12/48DC BK 41 | 80520 | MNF X AMB S | V110AC BK 63 | 81639 | STR STEADY BLU S | V110DAC BK 72 |
| 79631 | MLAMP S/F BLU | V24/240AC BK 41 | 80521 | MNF X RED S | V110AC BK 63 | 81646 | STR STEADY CLR S | V110DAC BK 72 |
| 79632 | MLAMP S/F AMB | V24/240AC BK 41 | 80522 | MNF X BLU S | V110AC BK 63 | 81647 | STR STEADY BLU P | V240DAC BK 72 |
| 79633 | MLAMP S/F RED | V24/240AC BK 41 | 80523 | MNF X CLR S | V110AC BK 63 | 81664 | STR STEADY GRE S | V240DAC BK 72 |
| 79634 | MLAMP S/F GRE | V24/240AC BK 41 | 80524 | MNF X GRE S | V110AC BK 63 | 82001 | ROTALLARM S AMB | V12DAC BK 57 |
| 79635 | MLAMP S/F YEL | V24/240AC BK 41 | 80526 | MNF X YEL E | V110AC BK 63 | 82002 | ROTALLARM S BLU | V12DAC BK 57 |
| 79636 | MLAMP S/F CLR | V24/240AC BK 41 | 80527 | MNF X CLR E | V110AC BK 63 | 82003 | ROTALLARM S CLR | V12DAC BK 57 |

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| 82004 | ROTALLARM S RED | V12DAC BK 57 | 82245 | ROTALLARM HD AMB | V48DC BK 59 | 84055 | MXF X YEL S | V110AC BK 66 |
| 82005 | ROTALLARM S GRE | V12DAC BK 57 | 82246 | ROTALLARM HD BLU | V48DC BK 59 | 84056 | MXF X GRE S | V110AC BK 66 |
| 82011 | ROTALLARM S AMB | V24DAC BK 57 | 82247 | ROTALLARM HD YEL | V110AC BK 59 | 84062 | MXF X YEL S | V240AC BK 66 |
| 82012 | ROTALLARM S BLU | V24DAC BK 57 | 82248 | ROTALLARM HD YEL | V48DC BK 59 | 84221 | MXF X RED P | V110AC BK 66 |
| 82013 | ROTALLARM S CLR | V24DAC BK 57 | 82250 | ROTALLARM HD AMB | V12DAC H1 BK 59 | 84225 | MXF X AMB P | V110AC BK 66 |
| 82014 | ROTALLARM S RED | V24DAC BK 57 | 82251 | ROTALLARM HD BLU | V12DAC H1 BK 59 | 84227 | MXF X CLR P | V110AC BK 66 |
| 82015 | ROTALLARM S GRE | V24DAC BK 57 | 82252 | ROTALLARM HD CLR | V12DAC H1 BK 59 | 84228 | MXF X YEL P | V110AC BK 66 |
| 82026 | ROTALLARM S AMB | V110AC BK 57 | 82253 | ROTALLARM HD RED | V12DAC H1 BK 59 | 84229 | MXF X BLU P | V110AC BK 66 |
| 82027 | ROTALLARM S BLU | V110AC BK 57 | 82254 | ROTALLARM HD GRE | V12DAC H1 BK 59 | 84235 | MXF X AMB P | V240AC BK 66 |
| 82028 | ROTALLARM S CLR | V110AC BK 57 | 82256 | ROTALLARM HD YEL | V12DAC H1 BK 59 | 84236 | MXF X BLU P | V240AC BK 66 |
| 82029 | ROTALLARM S RED | V110AC BK 57 | 82260 | ROTALLARM HD AMB | V24DAC H1 BK 59 | 84237 | MXF X CLR P | V240AC BK 66 |
| 82030 | ROTALLARM S GRE | V110AC BK 57 | 82261 | ROTALLARM HD BLU | V24DAC H1 BK 59 | 84238 | MXF X RED P | V240AC BK 66 |
| 82034 | ROTALLARM S CLR | V48AC BK 57 | 82262 | ROTALLARM HD CLR | V24DAC H1 BK 59 | 84239 | MXF X GRE P | V240AC BK 66 |
| 82035 | ROTALLARM S YEL | V240AC BK 57 | 82263 | ROTALLARM HD RED | V24DAC H1 BK 59 | 84246 | MXF X GRE P | V110AC BK 66 |
| 82041 | ROTALLARM S AMB | V240AC BK 57 | 82264 | ROTALLARM HD GRE | V24DAC H1 BK 59 | 84250 | MXF X YEL P | V240AC BK 66 |
| 82042 | ROTALLARM S BLU | V240AC BK 57 | 82270 | ROTALLARM HD YEL | V12DAC BK 59 | 84281 | MXF X BLU E | V12/24DAC BK 66 |
| 82043 | ROTALLARM S CLR | V240AC BK 57 | 82271 | ROTALLARM HD YEL | V240AC BK 59 | 84282 | MXF X AMB E | V12/24DAC BK 66 |
| 82044 | ROTALLARM S RED | V240AC BK 57 | 82273 | ROTALLARM HD YEL | V240AC H1 BK 59 | 84283 | MXF X RED E | V12/24DAC BK 66 |
| 82045 | ROTALLARM S GRE | V240AC BK 57 | 82274 | ROTALLARM HD YEL | V240AC BK 59 | 84284 | MXF X GRE E | V12/24DAC BK 66 |
| 82046 | ROTALLARM S GRE | V48AC BK 57 | 82280 | ROTALLARM HD AMB | V48AC BK 59 | 84285 | MXF X YEL E | V12/24DAC BK 66 |
| 82050 | ROTALLARM S AMB | V12DAC H1 BK 57 | 82281 | ROTALLARM HD RED | V48AC BK 59 | 84286 | MXF X CLR E | V12/24DAC BK 66 |
| 82051 | ROTALLARM S BLU | V12DAC H1 BK 57 | 82282 | ROTALLARM HD YEL | V48AC BK 59 | 84318 | MXF X BLU E | V110AC BK 66 |
| 82053 | ROTALLARM S RED | V12DAC H1 BK 57 | 82289 | ROTALLARM HD CLR | V48DC BK 59 | 84319 | MXF X YEL E | V110AC BK 66 |
| 82054 | ROTALLARM S GRE | V12DAC H1 BK 57 | 82290 | ROTALLARM HD RED | V48DC BK 59 | 84320 | MXF X CLR E | V110AC BK 66 |
| 82056 | ROTALLARM S CLR | V12DAC H1 BK 57 | 82330 | ROTALLARM HD GRE | V48DC BK 59 | 84325 | MXF X AMB E | V110AC BK 66 |
| 82060 | ROTALLARM S AMB | V24DAC H1 BK 57 | 82331 | ROTALLARM HD GRE | V48AC BK 59 | 84327 | MXF X GRE E | V110AC BK 66 |
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| 82062 | ROTALLARM S CLR | V24DAC H1 BK 57 | 82401 | RA S FLA BLU | V12DAC H1 GY 57 | 84335 | MXF X AMB E | V240AC BK 66 |
| 82063 | ROTALLARM S RED | V24DAC H1 BK 57 | 82402 | RA S FLA AMB | V12DAC H1 GY 57 | 84336 | MXF X BLU E | V240AC BK 66 |
| 82064 | ROTALLARM S GRE | V24DAC H1 BK 57 | 82403 | RA S FLA RED | V12DAC H1 GY 57 | 84337 | MXF X GRE E | V240AC BK 66 |
| 82074 | ROTALLARM S GRE | V48DC BK 57 | 82404 | RA S FLA GRE | V12DAC H1 GY 57 | 84338 | MXF X RED E | V240AC BK 66 |
| 82075 | ROTALLARM S RED | V48AC BK 57 | 82405 | RA S FLA YEL | V12DAC H1 GY 57 | 84339 | MXF X CLR E | V240AC BK 66 |
| 82076 | ROTALLARM S AMB | V48AC BK 57 | 82406 | RA S FLA CLR | V12DAC H1 GY 57 | 84350 | MXF X YEL E | V240AC BK 66 |
| 82077 | ROTALLARM S YEL | V48AC BK 57 | 82421 | RA S FLA BLU | V24DAC H1 GY 57 | 84751 | RA HD X BLU | V12/24DAC BK 59 |
| 82078 | ROTALLARM S BLU | V48AC BK 57 | 82422 | RA S FLA AMB | V24DAC H1 GY 57 | 84752 | RA HD X AMB | V12/24DAC BK 59 |
| 82080 | ROTALLARM S AMB | V48DC BK 57 | 82423 | RA S FLA RED | V24DAC H1 GY 57 | 84753 | RA HD X RED | V12/24DAC BK 59 |
| 82081 | ROTALLARM S RED | V48DC BK 57 | 82424 | RA S FLA GRE | V24DAC H1 GY 57 | 84754 | RA HD X GRE | V12/24DAC BK 59 |
| 82082 | ROTALLARM S YEL | V48DC BK 57 | 82425 | RA S FLA YEL | V24DAC H1 GY 57 | 84755 | RA HD X YEL | V12/24DAC BK 59 |
| 82083 | ROTALLARM S BLU | V48DC BK 57 | 82426 | RA S FLA CLR | V24DAC H1 GY 57 | 84756 | RA HD X CLR | V12/24DAC BK 59 |
| 82084 | ROTALLARM S CLR | V48DC BK 57 | 82441 | RA HD FLA BLU | V12DAC H1 BK 59 | 84761 | RA HD X BLU | V110AC BK 59 |
| 82092 | ROTALLARM S YEL | V12DAC H1 BK 57 | 82442 | RA HD FLA AMB | V12DAC H1 BK 59 | 84762 | RA HD X AMB | V110AC BK 59 |
| 82093 | ROTALLARM S YEL | V24DAC H1 BK 57 | 82443 | RA HD FLA RED | V12DAC H1 BK 59 | 84763 | RA HD X RED | V110AC BK 59 |
| 82095 | ROTALLARM S YEL | V12DAC BK 57 | 82444 | RA HD FLA GRE | V12DAC H1 BK 59 | 84764 | RA HD X GRE | V110AC BK 59 |
| 82097 | ROTALLARM S YEL | V24DAC BK 57 | 82445 | RA HD FLA YEL | V12DAC H1 BK 59 | 84765 | RA HD X YEL | V110AC BK 59 |
| 82098 | ROTALLARM S YEL | V110AC BK 57 | 82446 | RA HD FLA CLR | V12DAC H1 BK 59 | 84766 | RA HD X CLR | V110AC BK 59 |
| 82200 | ROTALLARM HD AMB | V12DAC BK 59 | 82461 | RA HD FLA BLU | V24DAC H1 BK 59 | 84771 | RA HD X BLU | V240AC BK 59 |
| 82201 | ROTALLARM HD BLU | V12DAC BK 59 | 82462 | RA HD FLA AMB | V24DAC H1 BK 59 | 84772 | RA HD X AMB | V240AC BK 59 |
| 82202 | ROTALLARM HD CLR | V12DAC BK 59 | 82463 | RA HD FLA RED | V24DAC H1 BK 59 | 84773 | RA HD X RED | V240AC BK 59 |
| 82203 | ROTALLARM HD RED | V12DAC BK 59 | 82464 | RA HD FLA GRE | V24DAC H1 BK 59 | 84774 | RA HD X GRE | V240AC BK 59 |
| 82204 | ROTALLARM HD GRE | V12DAC BK 59 | 82465 | RA HD FLA YEL | V24DAC H1 BK 59 | 84775 | RA HD X YEL | V240AC BK 59 |
| 82210 | ROTALLARM HD AMB | V24DAC BK 59 | 82466 | RA HD FLA CLR | V24DAC H1 BK 59 | 84776 | RA HD X CLR | V240AC BK 59 |
| 82211 | ROTALLARM HD BLU | V24DAC BK 59 | 83005 | ROTALLARM S P BASE | 53-57 | 84940 | FAROLAMP X BLU P | V12/24DAC 70 |
| 82212 | ROTALLARM HD CLR | V24DAC BK 59 | 83055 | STR SPARE P BASE | 73 | 84968 | FAROLAMP X YEL S | V12/24DAC 70 |
| 82213 | ROTALLARM HD RED | V24DAC BK 59 | 83066 | MLAMP P BASE | GY 41 | 84969 | FAROLAMP X BLU S | V12/24DAC 70 |
| 82214 | ROTALLARM HD GRE | V24DAC BK 59 | 83067 | MLAMP E BASE | GY 41 | 84970 | FAROLAMP X AMB S | V12/24DAC 70 |
| 82220 | ROTALLARM HD BLU | V48AC BK 59 | 83068 | MLAMP P BASE | BK 41 | 84971 | FAROLAMP X AMB S | V240AC 70 |
| 82225 | ROTALLARM HD AMB | V110AC BK 59 | 83069 | MLAMP E BASE | BK 41 | 84977 | FAROLAMP X CLR P | V12/24DAC 70 |
| 82226 | ROTALLARM HD BLU | V110AC BK 59 | 84026 | MXF X AMB S | V110AC BK 66 | 84978 | FAROLAMP X AMB P | V12/24DAC 70 |
| 82227 | ROTALLARM HD CLR | V110AC BK 59 | 84028 | MXF X CLR S | V110AC BK 66 | 84979 | FAROLAMP X AMB P | V240AC 70 |
| 82228 | ROTALLARM HD RED | V110AC BK 59 | 84029 | MXF X RED S | V110AC BK 66 | 84980 | FAROLAMP X BLU P | V240AC 70 |
| 82229 | ROTALLARM HD GRE | V110AC BK 59 | 84030 | MXF X BLU S | V110AC BK 66 | 84982 | FAROLAMP X RED P | V240AC 70 |
| 82240 | ROTALLARM HD AMB | V240AC BK 59 | 84036 | MXF X AMB S | V240AC BK 66 | 84984 | FAROLAMP X AMB P | V110AC 70 |
| 82241 | ROTALLARM HD BLU | V240AC BK 59 | 84037 | MXF X BLU S | V240AC BK 66 | 84992 | FAROLAMP X YEL S | V240AC 70 |
| 82242 | ROTALLARM HD CLR | V240AC BK 59 | 84038 | MXF X GRE S | V240AC BK 66 | 84995 | FAROLAMP X YEL P | V240AC 70 |
| 82243 | ROTALLARM HD RED | V240AC BK 59 | 84039 | MXF X RED S | V240AC BK 66 | 85031 | FAROLAMP X RED S | V110AC 70 |
| 82244 | ROTALLARM HD GRE | V240AC BK 59 | 84040 | MXF X CLR S | V240AC BK 66 | 85032 | FAROLAMP X YEL S | V110AC 70 |

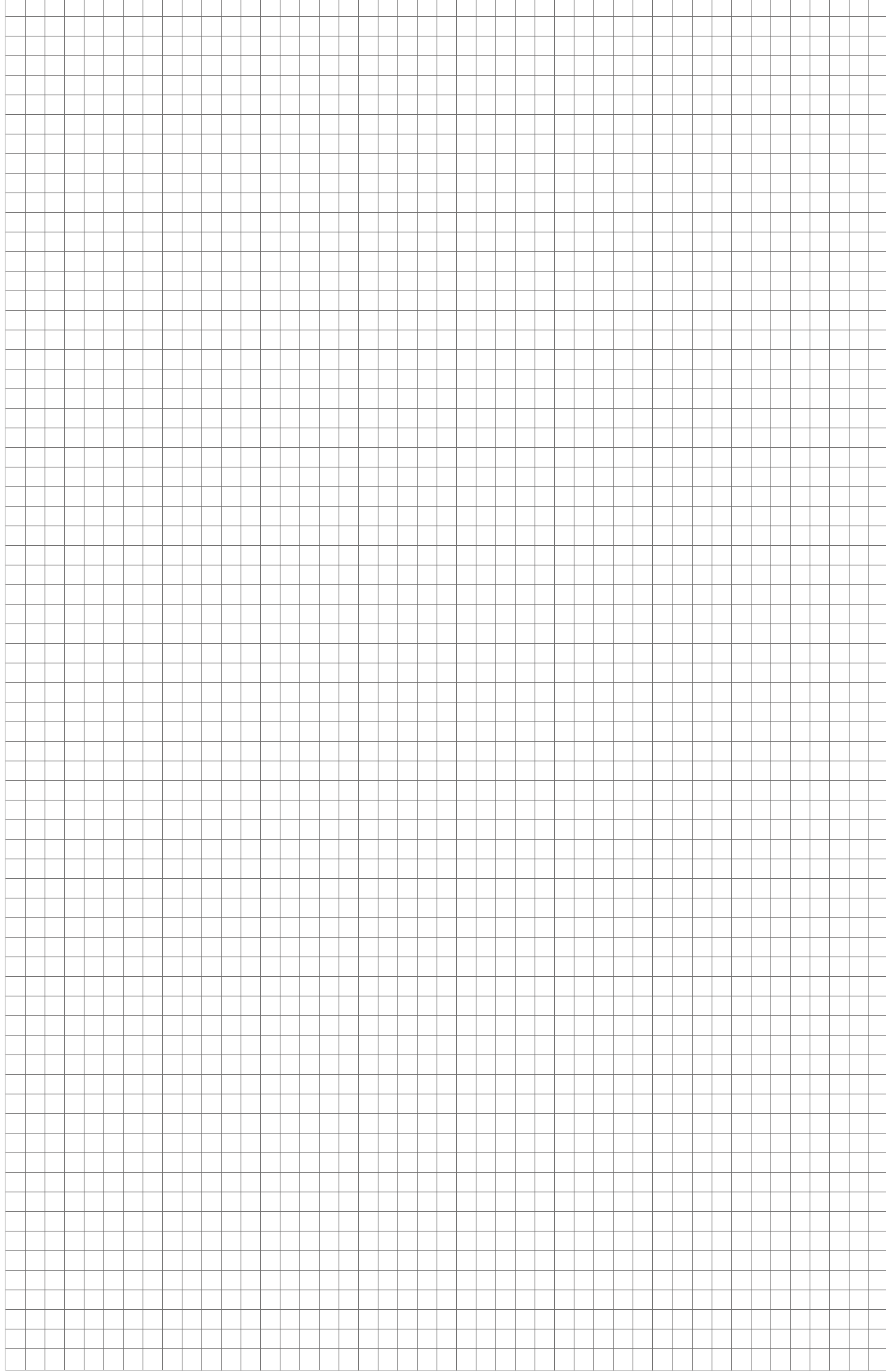
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| 85033 | FAROLAMP X RED P | V12/24DAC | 70 | 85495 | RA S X YEL | V240AC | BK 57 | 87286 | STR FLASH BLU P | V24AC | BK 72 |
| 85037 | FAROLAMP X YEL P | V12/24DAC | 70 | 85496 | RA S X CLR | V240AC | BK 57 | 87287 | STR FLASH CLR P | V24AC | BK 72 |
| 85044 | FAROLAMP X RED S | V12/24DAC | 70 | 86894 | STR FLASH CLR S | V48AC | BK 72 | 87288 | STR FLASH RED P | V24AC | BK 72 |
| 85048 | FAROLAMP X BLU S | V110AC | 70 | 86895 | STR FLASH YEL S | V48AC | BK 72 | 87289 | STR FLASH GRE P | V24AC | BK 72 |
| 85049 | FAROLAMP X GRE P | V12/24DAC | 70 | 86896 | STR FLASH GRE S | V48AC | BK 72 | 87290 | STR FLASH YEL P | V240AC | BK 72 |
| 85051 | FAROLAMP X BLU S | V240AC | 70 | 86974 | STR FLASH BLU S | V48AC | BK 72 | 87291 | STR FLASH BLU P | V110AC | BK 72 |
| 85076 | FAROLAMP X GRE S | V110AC | 70 | 86975 | STR FLASH CLR S | V48DC | BK 72 | 87292 | STR FLASH CLR P | V110AC | BK 72 |
| 85077 | FAROLAMP X CLR S | V110AC | 70 | 86976 | STR FLASH GRE S | V48DC | BK 72 | 87293 | STR FLASH RED P | V110AC | BK 72 |
| 85091 | FAROLAMP LED BLU S | V12/24DAC | 69 | 86977 | STR FLASH BLU S | V48DC | BK 72 | 87294 | STR FLASH GRE P | V110AC | BK 72 |
| 85092 | FAROLAMP LED AMB S | V12/24DAC | 69 | 86978 | STR FLASH YEL S | V12AC | BK 72 | 87300 | STR FLASH AMB P | V240AC | BK 72 |
| 85093 | FAROLAMP LED RED S | V12/24DAC | 69 | 87200 | STR FLASH AMB S | V12DC | BK 72 | 87301 | STR FLASH BLU P | V240AC | BK 72 |
| 85094 | FAROLAMP LED GRE S | V12/24DAC | 69 | 87201 | STR FLASH BLU S | V12DC | BK 72 | 87302 | STR FLASH CLR P | V240AC | BK 72 |
| 85095 | FAROLAMP LED YEL S | V12/24DAC | 69 | 87202 | STR FLASH CLR S | V12DC | BK 72 | 87303 | STR FLASH RED P | V240AC | BK 72 |
| 85096 | FAROLAMP LED CLR S | V12/24DAC | 69 | 87203 | STR FLASH RED S | V12DC | BK 72 | 87304 | STR FLASH GRE P | V240AC | BK 72 |
| 85144 | FAROLAMP X RED P | V110AC | 70 | 87204 | STR FLASH GRE S | V12DC | BK 72 | 87325 | STR FLASH RED P | V48AC | BK 72 |
| 85145 | FAROLAMP X GRE P | V110AC | 70 | 87205 | STR FLASH AMB S | V12AC | BK 72 | 87326 | STR FLASH YEL P | V12DC | BK 72 |
| 85146 | FAROLAMP X YEL P | V110AC | 70 | 87206 | STR FLASH BLU S | V12AC | BK 72 | 87327 | STR FLASH AMB P | V48AC | BK 72 |
| 85147 | FAROLAMP X CLR P | V110AC | 70 | 87207 | STR FLASH CLR S | V12AC | BK 72 | 87336 | STR FLASH AMB P | V110AC | BK 72 |
| 85148 | FAROLAMP X CLR P | V240AC | 70 | 87208 | STR FLASH RED S | V12AC | BK 72 | 87347 | STR FLASH YEL P | V48DC | BK 72 |
| 85150 | FAROLAMP X CLR S | V12/24DAC | 70 | 87209 | STR FLASH GRE S | V12AC | BK 72 | 87407 | STR FLASH YEL P | V12AC | BK 72 |
| 85151 | FAROLAMP X CLR S | V240AC | 70 | 87210 | STR FLASH AMB S | V24DC | BK 72 | 87408 | STR FLASH YEL P | V24DC | BK 72 |
| 85160 | FAROLAMP X GRE P | V240AC | 70 | 87211 | STR FLASH BLU S | V24DC | BK 72 | 87409 | STR FLASH YEL P | V110AC | BK 72 |
| 85224 | FAROLAMP LED BLU P | V12/24DAC | 69 | 87212 | STR FLASH CLR S | V24DC | BK 72 | 87412 | STR FLASH YEL P | V24AC | BK 72 |
| 85225 | FAROLAMP LED AMB P | V12/24DAC | 69 | 87213 | STR FLASH RED S | V24DC | BK 72 | 87415 | STR FLASH RED P | V48DC | BK 72 |
| 85226 | FAROLAMP LED RED P | V12/24DAC | 69 | 87214 | STR FLASH GRE S | V24DC | BK 72 | 87648 | STR X 15J BLU S | V110AC | BK 73 |
| 85227 | FAROLAMP LED GRE P | V12/24DAC | 69 | 87215 | STR FLASH AMB S | V24AC | BK 72 | 87649 | STR X 15J GRE S | V110AC | BK 73 |
| 85228 | FAROLAMP LED YEL P | V12/24DAC | 69 | 87216 | STR FLASH BLU S | V24AC | BK 72 | 87656 | STR X 15J AMB S | V110AC | BK 73 |
| 85229 | FAROLAMP LED CLR P | V12/24DAC | 69 | 87217 | STR FLASH CLR S | V24AC | BK 72 | 87658 | STR X 15J YEL S | V110AC | BK 73 |
| 85271 | FAROLAMP X RED S | V240AC | 70 | 87218 | STR FLASH RED S | V24AC | BK 72 | 87717 | STR X 15J BLU P | V110AC | BK 73 |
| 85370 | FAROLAMP X GRE S | V12/24DAC | 70 | 87219 | STR FLASH YEL S | V24AC | BK 72 | 87730 | STR X 15J RED S | V110AC | BK 73 |
| 85371 | FAROLAMP X GRE S | V240AC | 70 | 87220 | STR FLASH AMB S | V110AC | BK 72 | 87749 | STR X 15J CLR S | V110AC | BK 73 |
| 85373 | FAROLAMP X AMB S | V110AC | 70 | 87221 | STR FLASH BLU S | V110AC | BK 72 | 87757 | STR X 15J AMB P | V110AC | BK 73 |
| 85411 | RA S X BLU | V12/24DAC | GY 57 | 87222 | STR FLASH CLR S | V110AC | BK 72 | 87758 | STR X 15J BLU S | V240AC | BK 73 |
| 85412 | RA S X AMB | V12/24DAC | GY 57 | 87223 | STR FLASH RED S | V110AC | BK 72 | 87759 | STR X 15J RED S | V240AC | BK 73 |
| 85413 | RA S X RED | V12/24DAC | GY 57 | 87224 | STR FLASH GRE S | V110AC | BK 72 | 87760 | STR X 15J AMB S | V240AC | BK 73 |
| 85414 | RA S X GRE | V12/24DAC | GY 57 | 87230 | STR FLASH AMB S | V240AC | BK 72 | 87761 | STR X 15J GRE S | V240AC | BK 73 |
| 85415 | RA S X YEL | V12/24DAC | GY 57 | 87231 | STR FLASH BLU S | V240AC | BK 72 | 87762 | STR X 15J YEL S | V240AC | BK 73 |
| 85416 | RA S X CLR | V12/24DAC | GY 57 | 87232 | STR FLASH CLR S | V240AC | BK 72 | 87763 | STR X 15J CLR S | V240AC | BK 73 |
| 85421 | RA S X BLU | V110AC | GY 57 | 87233 | STR FLASH RED S | V240AC | BK 72 | 87765 | STR X 15J YEL P | V110AC | BK 73 |
| 85422 | RA S X AMB | V110AC | GY 57 | 87234 | STR FLASH GRE S | V240AC | BK 72 | 87766 | STR X 15J BLU P | V240AC | BK 73 |
| 85423 | RA S X RED | V110AC | GY 57 | 87235 | STR FLASH YEL S | V12DC | BK 72 | 87767 | STR X 15J AMB P | V240AC | BK 73 |
| 85424 | RA S X GRE | V110AC | GY 57 | 87236 | STR FLASH YEL S | V24DC | BK 72 | 87768 | STR X 15J RED P | V240AC | BK 73 |
| 85425 | RA S X YEL | V110AC | GY 57 | 87237 | STR FLASH YEL S | V110AC | BK 72 | 87769 | STR X 15J GRE P | V240AC | BK 73 |
| 85426 | RA S X CLR | V110AC | GY 57 | 87239 | STR FLASH AMB S | V48DC | BK 72 | 87770 | STR X 15J YEL P | V240AC | BK 73 |
| 85431 | RA S X BLU | V240AC | GY 57 | 87240 | STR FLASH RED S | V48DC | BK 72 | 87771 | STR X 15J CLR P | V240AC | BK 73 |
| 85432 | RA S X AMB | V240AC | GY 57 | 87241 | STR FLASH GRE S | V24AC | BK 72 | 89111 | MNF STY BLU S | V12/240DAC | GY 63 |
| 85433 | RA S X RED | V240AC | GY 57 | 87242 | STR FLASH YEL S | V48DC | BK 72 | 89112 | MNF STY AMB S | V12/240DAC | GY 63 |
| 85434 | RA S X GRE | V240AC | GY 57 | 87243 | STR FLASH AMB S | V48AC | BK 72 | 89113 | MNF STY RED S | V12/240DAC | GY 63 |
| 85435 | RA S X YEL | V240AC | GY 57 | 87244 | STR FLASH RED S | V48AC | BK 72 | 89114 | MNF STY GRE S | V12/240DAC | GY 63 |
| 85436 | RA S X CLR | V240AC | GY 57 | 87245 | STR FLASH YEL S | V240AC | BK 72 | 89115 | MNF STY YEL S | V12/240DAC | GY 63 |
| 85471 | RA S X BLU | V12/24DAC | BK 57 | 87270 | STR FLASH AMB P | V12DC | BK 72 | 89116 | MNF STY CLR S | V12/240DAC | GY 63 |
| 85472 | RA S X AMB | V12/24DAC | BK 57 | 87271 | STR FLASH BLU P | V12DC | BK 72 | 89121 | MNF STY BLU S | V12/240DAC | BK 63 |
| 85473 | RA S X RED | V12/24DAC | BK 57 | 87272 | STR FLASH CLR P | V12DC | BK 72 | 89122 | MNF STY AMB S | V12/240DAC | BK 63 |
| 85474 | RA S X GRE | V12/24DAC | BK 57 | 87273 | STR FLASH RED P | V12DC | BK 72 | 89123 | MNF STY RED S | V12/240DAC | BK 63 |
| 85475 | RA S X YEL | V12/24DAC | BK 57 | 87274 | STR FLASH GRE P | V12DC | BK 72 | 89124 | MNF STY GRE S | V12/240DAC | BK 63 |
| 85476 | RA S X CLR | V12/24DAC | BK 57 | 87275 | STR FLASH AMB P | V12AC | BK 72 | 89125 | MNF STY YEL S | V12/240DAC | BK 63 |
| 85481 | RA S X BLU | V110AC | BK 57 | 87276 | STR FLASH BLU P | V12AC | BK 72 | 89126 | MNF STY CLR S | V12/240DAC | BK 63 |
| 85482 | RA S X AMB | V110AC | BK 57 | 87277 | STR FLASH CLR P | V12AC | BK 72 | 89131 | MNF STY BLU P | V12/240DAC | GY 63 |
| 85483 | RA S X RED | V110AC | BK 57 | 87278 | STR FLASH RED P | V12AC | BK 72 | 89132 | MNF STY AMB P | V12/240DAC | GY 63 |
| 85484 | RA S X GRE | V110AC | BK 57 | 87279 | STR FLASH GRE P | V12AC | BK 72 | 89133 | MNF STY RED P | V12/240DAC | GY 63 |
| 85485 | RA S X YEL | V110AC | BK 57 | 87280 | STR FLASH AMB P | V24DC | BK 72 | 89134 | MNF STY GRE P | V12/240DAC | GY 63 |
| 85486 | RA S X CLR | V110AC | BK 57 | 87281 | STR FLASH BLU P | V24DC | BK 72 | 89135 | MNF STY YEL P | V12/240DAC | GY 63 |
| 85491 | RA S X BLU | V240AC | BK 57 | 87282 | STR FLASH CLR P | V24DC | BK 72 | 89136 | MNF STY CLR P | V12/240DAC | GY 63 |
| 85492 | RA S X AMB | V240AC | BK 57 | 87283 | STR FLASH RED P | V24DC | BK 72 | 89141 | MNF STY BLU P | V12/240DAC | BK 63 |
| 85493 | RA S X RED | V240AC | BK 57 | 87284 | STR FLASH GRE P | V24DC | BK 72 | 89142 | MNF STY AMB P | V12/240DAC | BK 63 |
| 85494 | RA S X GRE | V240AC | BK 57 | 87285 | STR FLASH AMB P | V24AC | BK 72 | 89143 | MNF STY RED P | V12/240DAC | BK 63 |

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| 89145 | MNF STY YEL P | V12/240DACBK 63 | 89255 | MNF FLA YEL E | V12/240AC GY 63 | 89365 | MXF FLA YEL S | V24/240AC BK 66 |
| 89146 | MNF STY CLR P | V12/240DACBK 63 | 89256 | MNF FLA CLR E | V12/240AC GY 63 | 89366 | MXF FLA CLR S | V24/240AC BK 66 |
| 89151 | MNF STY BLU E | V12/240DACGY 63 | 89261 | MNF FLA BLU E | V12/240AC BK 63 | 89371 | MXF FLA BLU P | V12/48DC GY 66 |
| 89152 | MNF STY AMB E | V12/240DACGY 63 | 89262 | MNF FLA AMB E | V12/240AC BK 63 | 89372 | MXF FLA AMB P | V12/48DC GY 66 |
| 89153 | MNF STY RED E | V12/240DACGY 63 | 89263 | MNF FLA RED E | V12/240AC BK 63 | 89373 | MXF FLA RED P | V12/48DC GY 66 |
| 89154 | MNF STY GRE E | V12/240DACGY 63 | 89264 | MNF FLA GRE E | V12/240AC BK 63 | 89374 | MXF FLA GRE P | V12/48DC GY 66 |
| 89155 | MNF STY YEL E | V12/240DACGY 63 | 89265 | MNF FLA YEL E | V12/240AC BK 63 | 89375 | MXF FLA YEL P | V12/48DC GY 66 |
| 89156 | MNF STY CLR E | V12/240DACGY 63 | 89266 | MNF FLA CLR E | V12/240AC BK 63 | 89376 | MXF FLA CLR P | V12/48DC GY 66 |
| 89161 | MNF STY BLU E | V12/240DACBK 63 | 89271 | MXF STEADY BLU S | V12/240DACGY 66 | 89381 | MXF FLA BLU P | V24/240AC GY 66 |
| 89162 | MNF STY AMB E | V12/240DACBK 63 | 89272 | MXF STEADY AMB S | V12/240DACGY 66 | 89382 | MXF FLA AMB P | V24/240AC GY 66 |
| 89163 | MNF STY RED E | V12/240DACBK 63 | 89273 | MXF STEADY RED S | V12/240DACGY 66 | 89383 | MXF FLA RED P | V24/240AC GY 66 |
| 89164 | MNF STY GRE E | V12/240DACBK 63 | 89274 | MXF STEADY GRE S | V12/240DACGY 66 | 89384 | MXF FLA GRE P | V24/240AC GY 66 |
| 89165 | MNF STY YEL E | V12/240DACBK 63 | 89275 | MXF STEADY YEL S | V12/240DACGY 66 | 89385 | MXF FLA YEL P | V24/240AC GY 66 |
| 89166 | MNF STY CLR E | V12/240DACBK 63 | 89276 | MXF STEADY CLR S | V12/240DACGY 66 | 89386 | MXF FLA CLR P | V24/240AC GY 66 |
| 89171 | MNF FLA BLU S | V12/48DC GY 63 | 89281 | MXF STEADY BLU S | V12/240DACBK 66 | 89391 | MXF FLA BLU P | V12/48DC BK 66 |
| 89172 | MNF FLA AMB S | V12/48DC GY 63 | 89282 | MXF STEADY AMB S | V12/240DACBK 66 | 89392 | MXF FLA AMB P | V12/48DC BK 66 |
| 89173 | MNF FLA RED S | V12/48DC GY 63 | 89283 | MXF STEADY RED S | V12/240DACBK 66 | 89393 | MXF FLA RED P | V12/48DC BK 66 |
| 89174 | MNF FLA GRE S | V12/48DC GY 63 | 89284 | MXF STEADY GRE S | V12/240DACBK 66 | 89394 | MXF FLA GRE P | V12/48DC BK 66 |
| 89175 | MNF FLA YEL S | V12/48DC GY 63 | 89285 | MXF STEADY YEL S | V12/240DACBK 66 | 89395 | MXF FLA YEL P | V12/48DC BK 66 |
| 89176 | MNF FLA CLR S | V12/48DC GY 63 | 89286 | MXF STEADY CLR S | V12/240DACBK 66 | 89396 | MXF FLA CLR P | V12/48DC BK 66 |
| 89181 | MNF FLA BLU S | V24/240AC GY 63 | 89291 | MXF STEADY BLU P | V12/240DACGY 66 | 89401 | MXF FLA BLU P | V24/240AC BK 66 |
| 89182 | MNF FLA AMB S | V24/240AC GY 63 | 89292 | MXF STEADY AMB P | V12/240DACGY 66 | 89402 | MXF FLA AMB P | V24/240AC BK 66 |
| 89183 | MNF FLA RED S | V24/240AC GY 63 | 89293 | MXF STEADY RED P | V12/240DACGY 66 | 89403 | MXF FLA RED P | V24/240AC BK 66 |
| 89184 | MNF FLA GRE S | V24/240AC GY 63 | 89294 | MXF STEADY GRE P | V12/240DACGY 66 | 89404 | MXF FLA GRE P | V24/240AC BK 66 |
| 89185 | MNF FLA YEL S | V24/240AC GY 63 | 89295 | MXF STEADY YEL P | V12/240DACGY 66 | 89405 | MXF FLA YEL P | V24/240AC BK 66 |
| 89186 | MNF FLA CLR S | V24/240AC GY 63 | 89296 | MXF STEADY CLR P | V12/240DACGY 66 | 89406 | MXF FLA CLR P | V24/240AC BK 66 |
| 89191 | MNF FLA BLU S | V12/48DC BK 63 | 89301 | MXF STEADY BLU P | V12/240DACBK 66 | 89411 | MXF FLA BLU E | V24/240AC GY 66 |
| 89192 | MNF FLA AMB S | V12/48DC BK 63 | 89302 | MXF STEADY AMB P | V12/240DACBK 66 | 89412 | MXF FLA AMB E | V24/240AC GY 66 |
| 89193 | MNF FLA RED S | V12/48DC BK 63 | 89303 | MXF STEADY RED P | V12/240DACBK 66 | 89413 | MXF FLA RED E | V24/240AC GY 66 |
| 89194 | MNF FLA GRE S | V12/48DC BK 63 | 89304 | MXF STEADY GRE P | V12/240DACBK 66 | 89414 | MXF FLA GRE E | V24/240AC GY 66 |
| 89195 | MNF FLA YEL S | V12/48DC BK 63 | 89305 | MXF STEADY YEL P | V12/240DACBK 66 | 89415 | MXF FLA YEL E | V24/240AC GY 66 |
| 89196 | MNF FLA CLR S | V12/48DC BK 63 | 89306 | MXF STEADY CLR P | V12/240DACBK 66 | 89416 | MXF FLA CLR E | V24/240AC GY 66 |
| 89201 | MNF FLA BLU S | V12/240AC BK 63 | 89311 | MXF STEADY BLU E | V12/240DACGY 66 | 89421 | MXF FLA BLU E | V24/240AC BK 66 |
| 89202 | MNF FLA AMB S | V12/240AC BK 63 | 89312 | MXF STEADY AMB E | V12/240DACGY 66 | 89422 | MXF FLA AMB E | V24/240AC BK 66 |
| 89203 | MNF FLA RED S | V12/240AC BK 63 | 89313 | MXF STEADY RED E | V12/240DACGY 66 | 89423 | MXF FLA RED E | V24/240AC BK 66 |
| 89204 | MNF FLA GRE S | V12/240AC BK 63 | 89314 | MXF STEADY GRE E | V12/240DACGY 66 | 89424 | MXF FLA GRE E | V24/240AC BK 66 |
| 89205 | MNF FLA YEL S | V12/240AC BK 63 | 89315 | MXF STEADY YEL E | V12/240DACGY 66 | 89425 | MXF FLA YEL E | V24/240AC BK 66 |
| 89206 | MNF FLA CLR S | V12/240AC BK 63 | 89316 | MXF STEADY CLR E | V12/240DACGY 66 | 89426 | MXF FLA CLR E | V24/240AC BK 66 |
| 89211 | MNF FLA BLU P | V12/48DC GY 63 | 89321 | MXF STEADY BLU E | V12/240DACBK 66 | 89451 | RA S S/F BLU | V12/48DC GY 57 |
| 89212 | MNF FLA AMB P | V12/48DC GY 63 | 89322 | MXF STEADY AMB E | V12/240DACBK 66 | 89452 | RA S S/F AMB | V12/48DC GY 57 |
| 89213 | MNF FLA RED P | V12/48DC GY 63 | 89323 | MXF STEADY RED E | V12/240DACBK 66 | 89453 | RA S S/F RED | V12/48DC GY 57 |
| 89214 | MNF FLA GRE P | V12/48DC GY 63 | 89324 | MXF STEADY GRE E | V12/240DACBK 66 | 89454 | RA S S/F GRE | V12/48DC GY 57 |
| 89215 | MNF FLA YEL P | V12/48DC GY 63 | 89325 | MXF STEADY YEL E | V12/240DACBK 66 | 89455 | RA S S/F YEL | V12/48DC GY 57 |
| 89216 | MNF FLA CLR P | V12/48DC GY 63 | 89326 | MXF STEADY CLR E | V12/240DACBK 66 | 89456 | RA S S/F CLR | V12/48DC GY 57 |
| 89221 | MNF FLA BLU P | V12/240AC GY 63 | 89331 | MXF FLA BLU S | V12/48DC GY 66 | 89461 | RA S S/F BLU | V24/240AC GY 57 |
| 89222 | MNF FLA AMB P | V12/240AC GY 63 | 89332 | MXF FLA AMB S | V12/48DC GY 66 | 89462 | RA S S/F AMB | V24/240AC GY 57 |
| 89223 | MNF FLA RED P | V12/240AC GY 63 | 89333 | MXF FLA RED S | V12/48DC GY 66 | 89463 | RA S S/F RED | V24/240AC GY 57 |
| 89224 | MNF FLA GRE P | V12/240AC GY 63 | 89334 | MXF FLA GRE S | V12/48DC GY 66 | 89464 | RA S S/F GRE | V24/240AC GY 57 |
| 89225 | MNF FLA YEL P | V12/240AC GY 63 | 89335 | MXF FLA YEL S | V12/48DC GY 66 | 89465 | RA S S/F YEL | V24/240AC GY 57 |
| 89226 | MNF FLA CLR P | V12/240AC GY 63 | 89336 | MXF FLA CLR S | V12/48DC GY 66 | 89466 | RA S S/F CLR | V24/240AC GY 57 |
| 89231 | MNF FLA BLU P | V12/48DC BK 63 | 89341 | MXF FLA BLU S | V24/240AC GY 66 | 89471 | RA S S/F BLU | V12/48DC BK 57 |
| 89232 | MNF FLA AMB P | V12/48DC BK 63 | 89342 | MXF FLA AMB S | V24/240AC GY 66 | 89472 | RA S S/F AMB | V12/48DC BK 57 |
| 89233 | MNF FLA RED P | V12/48DC BK 63 | 89343 | MXF FLA RED S | V24/240AC GY 66 | 89473 | RA S S/F RED | V12/48DC BK 57 |
| 89234 | MNF FLA GRE P | V12/48DC BK 63 | 89344 | MXF FLA GRE S | V24/240AC GY 66 | 89474 | RA S S/F GRE | V12/48DC BK 57 |
| 89235 | MNF FLA YEL P | V12/48DC BK 63 | 89345 | MXF FLA YEL S | V24/240AC GY 66 | 89475 | RA S S/F YEL | V12/48DC BK 57 |
| 89236 | MNF FLA CLR P | V12/48DC BK 63 | 89346 | MXF FLA CLR S | V24/240AC GY 66 | 89476 | RA S S/F CLR | V12/48DC BK 57 |
| 89241 | MNF FLA BLU P | V12/240AC BK 63 | 89351 | MXF FLA BLU S | V12/48DC BK 66 | 89481 | RA S S/F BLU | V24/240AC BK 57 |
| 89242 | MNF FLA AMB P | V12/240AC BK 63 | 89352 | MXF FLA AMB S | V12/48DC BK 66 | 89482 | RA S S/F AMB | V24/240AC BK 57 |
| 89243 | MNF FLA RED P | V12/240AC BK 63 | 89353 | MXF FLA RED S | V12/48DC BK 66 | 89483 | RA S S/F RED | V24/240AC BK 57 |
| 89244 | MNF FLA GRE P | V12/240AC BK 63 | 89354 | MXF FLA GRE S | V12/48DC BK 66 | 89484 | RA S S/F GRE | V24/240AC BK 57 |
| 89245 | MNF FLA YEL P | V12/240AC BK 63 | 89355 | MXF FLA YEL S | V12/48DC BK 66 | 89485 | RA S S/F YEL | V24/240AC BK 57 |
| 89246 | MNF FLA CLR P | V12/240AC BK 63 | 89356 | MXF FLA CLR S | V12/48DC BK 66 | 89486 | RA S S/F CLR | V24/240AC BK 57 |
| 89251 | MNF FLA BLU E | V12/240AC GY 63 | 89361 | MXF FLA BLU S | V24/240AC BK 66 | 89491 | RA HD S/F BLU | V12/48DC BK 59 |
| 89252 | MNF FLA AMB E | V12/240AC GY 63 | 89362 | MXF FLA AMB S | V24/240AC BK 66 | 89492 | RA HD S/F AMB | V12/48DC BK 59 |
| 89253 | MNF FLA RED E | V12/240AC GY 63 | 89363 | MXF FLA RED S | V24/240AC BK 66 | 89493 | RA HD S/F RED | V12/48DC BK 59 |

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| 89495 | RA HD S/F YEL | V12/48DC BK 59 | 90039 | ROTALLARM WP CLR | V48AC SS 61 | 90233 | RA WP LED RED | V90/240AC SS 55 |
| 89496 | RA HD S/F CLR | V12/48DC BK 59 | 90040 | ROTALLARM WP BLU | V110AC SS 61 | 90234 | RA WP LED GRE | V90/240AC SS 55 |
| 89511 | RA HD S/F BLU | V24/240AC BK 59 | 90041 | ROTALLARM WP GRE | V110AC SS 61 | 90235 | RA WP LED YEL | V90/240AC SS 55 |
| 89512 | RA HD S/F AMB | V24/240AC BK 59 | 90042 | ROTALLARM WP CLR | V110AC SS 61 | 90236 | RA WP LED CLR | V90/240AC SS 55 |
| 89513 | RA HD S/F RED | V24/240AC BK 59 | 90043 | ROTALLARM WP CLR | V240AC SS 61 | 90241 | RA WP S/F BLU | V12/48DC SS 61 |
| 89514 | RA HD S/F GRE | V24/240AC BK 59 | 90044 | ROTALLARM WP RED | V12DAC H1 SS 61 | 90242 | RA WP S/F AMB | V12/48DC SS 61 |
| 89515 | RA HD S/F YEL | V24/240AC BK 59 | 90045 | ROTALLARM WP GRE | V12DAC H1 SS 61 | 90243 | RA WP S/F RED | V12/48DC SS 61 |
| 89516 | RA HD S/F CLR | V24/240AC BK 59 | 90046 | ROTALLARM WP GRE | V24DAC H1 SS 61 | 90244 | RA WP S/F GRE | V12/48DC SS 61 |
| 89611 | MNF FLA BLU E | V12/48DC GY 63 | 90047 | ROTALLARM WP BLU | V12DAC H1 SS 61 | 90245 | RA WP S/F YEL | V12/48DC SS 61 |
| 89612 | MNF FLA AMB E | V12/48DC GY 63 | 90048 | ROTALLARM WP AMB | V12DAC H1 SS 61 | 90246 | RA WP S/F CLR | V12/48DC SS 61 |
| 89613 | MNF FLA RED E | V12/48DC GY 63 | 90049 | ROTALLARM WP YEL | V12DAC H1 SS 61 | 90251 | RA WP S/F BLU | V24/240AC SS 61 |
| 89614 | MNF FLA GRE E | V12/48DC GY 63 | 90050 | ROTALLARM WP AMB | V24DAC H1 SS 61 | 90252 | RA WP S/F AMB | V24/240AC SS 61 |
| 89615 | MNF FLA YEL E | V12/48DC GY 63 | 90051 | ROTALLARM WP YEL | V24DAC H1 SS 61 | 90253 | RA WP S/F RED | V24/240AC SS 61 |
| 89616 | MNF FLA CLR E | V12/48DC GY 63 | 90052 | ROTALLARM WP RED | V24DAC H1 SS 61 | 90254 | RA WP S/F GRE | V24/240AC SS 61 |
| 89617 | MNF X GRE E | V12/24DAC GY 63 | 90053 | ROTALLARM WP BLU | V24DAC H1 SS 61 | 90255 | RA WP S/F YEL | V24/240AC SS 61 |
| 89618 | MNF X CLR E | V12/24DAC GY 63 | 90055 | ROTALLARM WP CLR | V24DAC H1 SS 61 | 90256 | RA WP S/F CLR | V24/240AC SS 61 |
| 89621 | MXF FLA BLU E | V12/48DC GY 66 | 90061 | RA S LED BLU | V12/24DAC GY 53 | 90260 | FWL ALLCOLOR BLU | V12/24DAC 87 |
| 89622 | MXF FLA AMB E | V12/48DC GY 66 | 90062 | RA S LED AMB | V12/24DAC GY 53 | 90261 | FWL ALLCOLOR RED | V12/24DAC 87 |
| 89623 | MXF FLA RED E | V12/48DC GY 66 | 90063 | RA S LED RED | V12/24DAC GY 53 | 90262 | FWL ALLCOLOR GRE | V12/24DAC 87 |
| 89624 | MXF FLA GRE E | V12/48DC GY 66 | 90064 | RA S LED GRE | V12/24DAC GY 53 | 90263 | FWL ALLCOLOR YEL | V12/24DAC 87 |
| 89625 | MXF FLA YEL E | V12/48DC GY 66 | 90065 | RA S LED YEL | V12/24DAC GY 53 | 90264 | FWL ALLCOLOR CLR | V12/24DAC 87 |
| 89626 | MXF FLA CLR E | V12/48DC GY 66 | 90066 | RA S LED CLR | V12/24DAC GY 53 | 90265 | FWL ALLCLEAR BLU | V12/24DAC 87 |
| 89661 | MXF X BLU E | V12/24DAC GY 66 | 90071 | RA S LED BLU | V12/24DAC BK 53 | 90266 | FWL ALLCLEAR RED | V12/24DAC 87 |
| 89662 | MXF X AMB E | V12/24DAC GY 66 | 90072 | RA S LED AMB | V12/24DAC BK 53 | 90267 | FWL ALLCLEAR GRE | V12/24DAC 87 |
| 89663 | MXF X RED E | V12/24DAC GY 66 | 90073 | RA S LED RED | V12/24DAC BK 53 | 90268 | FWL ALLCLEAR YEL | V12/24DAC 87 |
| 89664 | MXF X GRE E | V12/24DAC GY 66 | 90074 | RA S LED GRE | V12/24DAC BK 53 | 90287 | FWL ALLCOLOR AMB | V12/24DAC 87 |
| 89665 | MXF X YEL E | V12/24DAC GY 66 | 90075 | RA S LED YEL | V12/24DAC BK 53 | 90288 | FWL ALLCLEAR AMB | V12/24DAC 87 |
| 89666 | MXF X CLR E | V12/24DAC GY 66 | 90076 | RA S LED CLR | V12/24DAC BK 53 | 90516 | RA WP FLA RED | V24DAC H1 SS 61 |
| 89681 | MXF FLA BLU E | V12/48DC BK 66 | 90081 | RA S LED BLU | V90/240AC GY 53 | 90517 | RA WP FLA YEL | V24DAC H1 SS 61 |
| 89682 | MXF FLA AMB E | V12/48DC BK 66 | 90082 | RA S LED AMB | V90/240AC GY 53 | 90540 | RA WP FLA BLU | V12DAC H1 SS 61 |
| 89683 | MXF FLA RED E | V12/48DC BK 66 | 90083 | RA S LED RED | V90/240AC GY 53 | 90541 | RA WP FLA RED | V12DAC H1 SS 61 |
| 89684 | MXF FLA GRE E | V12/48DC BK 66 | 90084 | RA S LED GRE | V90/240AC GY 53 | 90542 | RA WP X CLR | V110AC SS 61 |
| 89685 | MXF FLA YEL E | V12/48DC BK 66 | 90085 | RA S LED YEL | V90/240AC GY 53 | 90558 | RA WP FLA AMB | V12DAC H1 SS 61 |
| 89686 | MXF FLA CLR E | V12/48DC BK 66 | 90086 | RA S LED CLR | V90/240AC GY 53 | 90565 | RA WP FLA GRE | V12DAC H1 SS 61 |
| 89691 | MNF FLA BLU E | V12/48DC BK 63 | 90091 | RA S LED BLU | V90/240AC BK 53 | 90566 | RA WP FLA YEL | V12DAC H1 SS 61 |
| 89692 | MNF FLA AMB E | V12/48DC BK 63 | 90092 | RA S LED AMB | V90/240AC BK 53 | 90567 | RA WP FLA CLR | V12DAC H1 SS 61 |
| 89693 | MNF FLA RED E | V12/48DC BK 63 | 90093 | RA S LED RED | V90/240AC BK 53 | 90568 | RA WP FLA BLU | V24DAC H1 SS 61 |
| 89694 | MNF FLA GRE E | V12/48DC BK 63 | 90094 | RA S LED GRE | V90/240AC BK 53 | 90569 | RA WP FLA AMB | V24DAC H1 SS 61 |
| 89695 | MNF FLA YEL E | V12/48DC BK 63 | 90095 | RA S LED YEL | V90/240AC BK 53 | 90588 | RA WP FLA GRE | V24DAC H1 SS 61 |
| 89696 | MNF FLA CLR E | V12/48DC BK 63 | 90096 | RA S LED CLR | V90/240AC BK 53 | 90589 | RA WP FLA CLR | V24DAC H1 SS 61 |
| 90007 | ROTALLARM WP GRE | V12DAC SS 61 | 90181 | RA HD LED BLU | V12/24DAC BK 54 | 90630 | STR STEADY BLU P | V12DAC BK 72 |
| 90008 | ROTALLARM WP RED | V12DAC SS 61 | 90182 | RA HD LED AMB | V12/24DAC BK 54 | 90631 | STR STEADY AMB P | V12DAC BK 72 |
| 90009 | ROTALLARM WP BLU | V12DAC SS 61 | 90183 | RA HD LED RED | V12/24DAC BK 54 | 90632 | STR STEADY GRE P | V12DAC BK 72 |
| 90010 | ROTALLARM WP AMB | V12DAC SS 61 | 90184 | RA HD LED GRE | V12/24DAC BK 54 | 90633 | STR STEADY YEL P | V12DAC BK 72 |
| 90014 | ROTALLARM WP RED | V24DAC SS 61 | 90185 | RA HD LED YEL | V12/24DAC BK 54 | 90634 | STR STEADY CLR P | V12DAC BK 72 |
| 90015 | ROTALLARM WP YEL | V24DAC SS 61 | 90186 | RA HD LED CLR | V12/24DAC BK 54 | 90635 | STR STEADY BLU P | V24DAC BK 72 |
| 90016 | ROTALLARM WP AMB | V24DAC SS 61 | 90191 | RA HD LED BLU | V90/240AC BK 54 | 90636 | STR STEADY GRE P | V24DAC BK 72 |
| 90017 | ROTALLARM WP BLU | V24DAC SS 61 | 90192 | RA HD LED AMB | V90/240AC BK 54 | 90637 | STR STEADY YEL P | V24DAC BK 72 |
| 90018 | ROTALLARM WP AMB | V48AC SS 61 | 90193 | RA HD LED RED | V90/240AC BK 54 | 90638 | STR STEADY BLU P | V48DC BK 72 |
| 90021 | ROTALLARM WP YEL | V110AC SS 61 | 90194 | RA HD LED GRE | V90/240AC BK 54 | 90639 | STR STEADY AMB P | V48DC BK 72 |
| 90022 | ROTALLARM WP RED | V48AC SS 61 | 90195 | RA HD LED YEL | V90/240AC BK 54 | 90640 | STR STEADY GRE P | V48DC BK 72 |
| 90024 | ROTALLARM WP AMB | V48DC SS 61 | 90196 | RA HD LED CLR | V90/240AC BK 54 | 90641 | STR STEADY YEL P | V48DC BK 72 |
| 90025 | ROTALLARM WP AMB | V110AC SS 61 | 90203 | ROTALLARM WP AMB | V240AC SS 61 | 90642 | STR STEADY CLR P | V48DC BK 72 |
| 90026 | ROTALLARM WP RED | V110AC SS 61 | 90204 | ROTALLARM WP YEL | V240AC SS 61 | 90643 | STR STEADY BLU P | V48AC BK 72 |
| 90027 | ROTALLARM WP YEL | V12DAC SS 61 | 90205 | ROTALLARM WP RED | V240AC SS 61 | 90644 | STR STEADY AMB P | V48AC BK 72 |
| 90028 | ROTALLARM WP CLR | V12DAC SS 61 | 90207 | ROTALLARM WP GRE | V240AC SS 61 | 90645 | STR STEADY RED P | V48AC BK 72 |
| 90029 | ROTALLARM WP GRE | V24DAC SS 61 | 90210 | ROTALLARM WP BLU | V240AC SS 61 | 90646 | STR STEADY GRE P | V48AC BK 72 |
| 90030 | ROTALLARM WP CLR | V24DAC SS 61 | 90216 | ROTALLARM WP CLR | V12DAC H1 SS 61 | 90647 | STR STEADY YEL P | V48AC BK 72 |
| 90031 | ROTALLARM WP BLU | V48DC SS 61 | 90221 | RA WP LED BLU | V12/24DAC SS 55 | 90648 | STR STEADY CLR P | V48AC BK 72 |
| 90032 | ROTALLARM WP RED | V48DC SS 61 | 90222 | RA WP LED AMB | V12/24DAC SS 55 | 90663 | STR STEADY BLU S | V12DAC BK 72 |
| 90033 | ROTALLARM WP GRE | V48DC SS 61 | 90223 | RA WP LED RED | V12/24DAC SS 55 | 90664 | STR STEADY RED S | V12DAC BK 72 |
| 90034 | ROTALLARM WP YEL | V48DC SS 61 | 90224 | RA WP LED GRE | V12/24DAC SS 55 | 90665 | STR STEADY GRE S | V12DAC BK 72 |
| 90035 | ROTALLARM WP CLR | V48DC SS 61 | 90225 | RA WP LED YEL | V12/24DAC SS 55 | 90666 | STR STEADY YEL S | V12DAC BK 72 |
| 90036 | ROTALLARM WP BLU | V48AC SS 61 | 90226 | RA WP LED CLR | V12/24DAC SS 55 | 90667 | STR STEADY CLR S | V12DAC BK 72 |
| 90037 | ROTALLARM WP GRE | V48AC SS 61 | 90231 | RA WP LED BLU | V90/240AC SS 55 | 90668 | STR STEADY BLU S | V48DC BK 72 |

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| 90670 | STR STEADY RED S | V48DC BK 72 | 91181 | P40 A LED BLU | V12/24DAC GY 79 | 91612 | MLAMP X BLU | V110AC BK 41 |
| 90671 | STR STEADY GRE S | V48DC BK 72 | 91182 | P40 A LED AMB | V12/24DAC GY 79 | 91613 | MLAMP X AMB | V110AC BK 41 |
| 90672 | STR STEADY YEL S | V48DC BK 72 | 91183 | P40 A LED RED | V12/24DAC GY 79 | 91614 | MLAMP X RED | V110AC BK 41 |
| 90673 | STR STEADY CLR S | V48DC BK 72 | 91184 | P40 A LED GRE | V12/24DAC GY 79 | 91615 | MLAMP X GRE | V110AC BK 41 |
| 90674 | STR STEADY BLU S | V48AC BK 72 | 91185 | P40 A LED YEL | V12/24DAC GY 79 | 91616 | MLAMP X YEL | V110AC BK 41 |
| 90675 | STR STEADY GRE S | V48AC BK 72 | 91186 | P40 A LED CLR | V12/24DAC GY 79 | 91617 | MLAMP X CLR | V110AC BK 41 |
| 90676 | STR STEADY YEL S | V48AC BK 72 | 91191 | P40 A LED BLU | V12/24DAC BK 79 | 91618 | MLAMP X BLU | V240AC BK 41 |
| 90677 | STR STEADY CLR S | V48AC BK 72 | 91192 | P40 A LED AMB | V12/24DAC BK 79 | 91619 | MLAMP X AMB | V240AC BK 41 |
| 90865 | STR STEADY AMB P | V110DAC BK 72 | 91193 | P40 A LED RED | V12/24DAC BK 79 | 91620 | MLAMP X RED | V240AC BK 41 |
| 90866 | STR STEADY RED P | V110DAC BK 72 | 91194 | P40 A LED GRE | V12/24DAC BK 79 | 91621 | MLAMP X GRE | V240AC BK 41 |
| 90867 | STR STEADY GRE P | V110DAC BK 72 | 91195 | P40 A LED YEL | V12/24DAC BK 79 | 91622 | MLAMP X YEL | V240AC BK 41 |
| 90868 | STR STEADY YEL P | V110DAC BK 72 | 91196 | P40 A LED CLR | V12/24DAC BK 79 | 91623 | MLAMP X CLR | V240AC BK 41 |
| 90869 | STR STEADY CLR P | V110DAC BK 72 | 91201 | P40 A LED BLU | V48/240AC GY 79 | 91660 | MLAMP X A BLU | V12/24DAC GY 41 |
| 90870 | STR FLASH BLU P | V48DC BK 72 | 91202 | P40 A LED AMB | V48/240AC GY 79 | 91661 | MLAMP X A AMB | V12/24DAC GY 41 |
| 90871 | STR FLASH AMB P | V48DC BK 72 | 91203 | P40 A LED RED | V48/240AC GY 79 | 91662 | MLAMP X A RED | V12/24DAC GY 41 |
| 90872 | STR FLASH GRE P | V48DC BK 72 | 91204 | P40 A LED GRE | V48/240AC GY 79 | 91663 | MLAMP X A GRE | V12/24DAC GY 41 |
| 90873 | STR FLASH CLR P | V48DC BK 72 | 91205 | P40 A LED YEL | V48/240AC GY 79 | 91664 | MLAMP X A YEL | V12/24DAC GY 41 |
| 90874 | STR FLASH BLU P | V48AC BK 72 | 91206 | P40 A LED CLR | V48/240AC GY 79 | 91665 | MLAMP X A CLR | V12/24DAC GY 41 |
| 90875 | STR FLASH GRE P | V48AC BK 72 | 91207 | P40 A JUNIOR | V12/24DAC BK 78 | 91672 | MLAMP X A BLU | V110AC GY 41 |
| 90876 | STR FLASH YEL P | V48AC BK 72 | 91208 | P40 A JUNIOR | V12/24DAC GY 78 | 91673 | MLAMP X A AMB | V110AC GY 41 |
| 90877 | STR FLASH CLR P | V48AC BK 72 | 91209 | P40 A JUNIOR | V90/240AC BK 78 | 91674 | MLAMP X A RED | V110AC GY 41 |
| 90878 | STR X 15J BLU P | V12/24DAC BK 73 | 91210 | P40 A JUNIOR | V90/240AC GY 78 | 91675 | MLAMP X A GRE | V110AC GY 41 |
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| 90942 | RA WP X BLU | V110AC SS 61 | 91216 | P40 A LED CLR | V48/240AC BK 79 | 91681 | MLAMP X A GRE | V240AC GY 41 |
| 90943 | RA WP X GRE | V110AC SS 61 | 91221 | P40 JUNIOR BLU | V12/24DAC GY 85 | 91682 | MLAMP X A YEL | V240AC GY 41 |
| 90944 | RA WP X YEL | V110AC SS 61 | 91222 | P40 JUNIOR AMB | V12/24DAC GY 85 | 91683 | MLAMP X A CLR | V240AC GY 41 |
| 91131 | P40 S BLU | V12/24DAC GY 85 | 91223 | P40 JUNIOR RED | V12/24DAC GY 85 | | | |
| 91132 | P40 S AMB | V12/24DAC GY 85 | 91224 | P40 JUNIOR GRE | V12/24DAC GY 85 | | | |
| 91133 | P40 S RED | V12/24DAC GY 85 | 91225 | P40 JUNIOR YEL | V12/24DAC GY 85 | | | |
| 91134 | P40 S GRE | V12/24DAC GY 85 | 91226 | P40 JUNIOR CLR | V12/24DAC GY 85 | | | |
| 91135 | P40 S YEL | V12/24DAC GY 85 | 91231 | P40 JUNIOR BLU | V12/24DAC BK 85 | | | |
| 91136 | P40 S CLR | V12/24DAC GY 85 | 91232 | P40 JUNIOR AMB | V12/24DAC BK 85 | | | |
| 91141 | P40 S BLU | V12/24DAC BK 85 | 91233 | P40 JUNIOR RED | V12/24DAC BK 85 | | | |
| 91142 | P40 S AMB | V12/24DAC BK 85 | 91234 | P40 JUNIOR GRE | V12/24DAC BK 85 | | | |
| 91143 | P40 S RED | V12/24DAC BK 85 | 91235 | P40 JUNIOR YEL | V12/24DAC BK 85 | | | |
| 91144 | P40 S GRE | V12/24DAC BK 85 | 91236 | P40 JUNIOR CLR | V12/24DAC BK 85 | | | |
| 91145 | P40 S YEL | V12/24DAC BK 85 | 91241 | P40 JUNIOR BLU | V90/240AC GY 85 | | | |
| 91146 | P40 S CLR | V12/24DAC BK 85 | 91242 | P40 JUNIOR AMB | V90/240AC GY 85 | | | |
| 91151 | P40 S BLU | V48/240AC GY 85 | 91243 | P40 JUNIOR RED | V90/240AC GY 85 | | | |
| 91152 | P40 S AMB | V48/240AC GY 85 | 91244 | P40 JUNIOR GRE | V90/240AC GY 85 | | | |
| 91153 | P40 S RED | V48/240AC GY 85 | 91245 | P40 JUNIOR YEL | V90/240AC GY 85 | | | |
| 91154 | P40 S GRE | V48/240AC GY 85 | 91246 | P40 JUNIOR CLR | V90/240AC GY 85 | | | |
| 91155 | P40 S YEL | V48/240AC GY 85 | 91251 | P40 JUNIOR BLU | V90/240AC BK 85 | | | |
| 91156 | P40 S CLR | V48/240AC GY 85 | 91252 | P40 JUNIOR AMB | V90/240AC BK 85 | | | |
| 91161 | P40 S BLU | V48/240AC BK 85 | 91253 | P40 JUNIOR RED | V90/240AC BK 85 | | | |
| 91162 | P40 S AMB | V48/240AC BK 85 | 91254 | P40 JUNIOR GRE | V90/240AC BK 85 | | | |
| 91163 | P40 S RED | V48/240AC BK 85 | 91255 | P40 JUNIOR YEL | V90/240AC BK 85 | | | |
| 91164 | P40 S GRE | V48/240AC BK 85 | 91256 | P40 JUNIOR CLR | V90/240AC BK 85 | | | |
| 91165 | P40 S YEL | V48/240AC BK 85 | 91517 | RA WP X AMB | V240AC SS 61 | | | |
| 91166 | P40 S CLR | V48/240AC BK 85 | 91519 | RA WP X CLR | V240AC SS 61 | | | |
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| 91168 | P40 RGA FLASH | V12/24DAC GY 86 | 91523 | RA WP X GRE | V240AC SS 61 | | | |
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| 91177 | P40 A | V12/24DAC GY 78 | 91602 | MLAMP X RED | V12/24DAC BK 41 | | | |
| 91178 | P40 A | V12/24DAC BK 78 | 91603 | MLAMP X GRE | V12/24DAC BK 41 | | | |
| 91179 | P40 A | V48/240AC GY 78 | 91604 | MLAMP X YEL | V12/24DAC BK 41 | | | |





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