



MicroLed™

COMPACT LED LIGHT HEAD

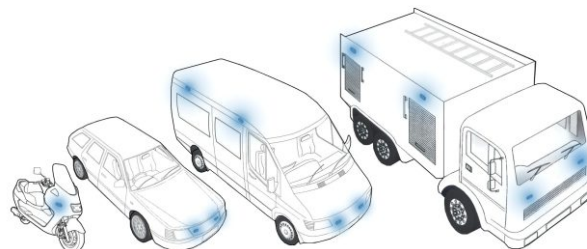
MicroLed™ is a compact warning LED light that offers maximum brightness and light distribution with the minimum number of leds, more than any other similar light on the market.

MicroLed™ is a compact watertight LED head, with lens and housing are a single unit, that is installed using rubber adapter joint that allows installation in numerous surfaces types. The LED light lens protudes only 10 or 25.5 mm from the vehicle surface.

MicroLed™ offer smooth lens versions that project light horizontally when mounted in vertical surfaces; and Fresnel V15 lens versions with an inner optical surface that deflects light 15 degrees, compensating for contoured vehicle bodies that can be up to 15 degrees from the vertical axis.

MicroLed™ is available in clear colour lens with blue light for undercover vehicles.

- Compact (55x115), watertight LED warning light for supplemental warning of high luminosity, lens and housing are a single unit.
- High performance and low consumption LED diodes, available in blue and amber and automotive red.
- Versions with blue, amber or red lenses for aesthetic match with FD and CD Series lights.
- Version with clear lens especially designed for undercover vehicles.
- Choose from 8 different flash patterns.
- The Master/Slave function allows to the user to flash synchronously from 2 to 6 lights and change Master mode (pre-programmed at factory) to Slave mode.
- Interior or external installation for perimetral and supplemental warning of police vehicles and motorcycles, ambulances, firetrucks and other vehicles of emergency, highway maintenance and on-watch.
- MicroLed™ has two mounting kits available: surface or flush.
- 12V and 24V versions.



APPROVALS

Approved according to the European Directive on Electromagnetic Compatibility 95/54/CE.
Chromatic coordinates according to European Regulation R-65 for colors blue and amber.

APPLICATIONS

Supplementary and perimeter warning signal. Police vehicles and motorcycles, ambulances, firetrucks, other emergency response vehicles, highway maintenance trucks and logistical support vehicles.

TECHNICAL SPECIFICATIONS

Voltage:	12 V / 24 V	Weight:	80 gr
Led diameter:	5 mm	Dimensions:	106 x 46 x 25 mm
Average:	0.5 amp (to 12VDC)	Height above mounting surface:	
(S-A and K-S modes)	0.3 amp (to 24VDC)	Flush mounting:	10 mm
		Surface mounting:	25.5 mm

FLASH PATTERNS

Mode	Description	Frequency	Flash pattern	Synchronization (2 heads)
1	S-A	2Hz	Triple	Alternated
2	K-S	2Hz	Triple	Simultaneous
3	SAE-1	1.58Hz	Single	Alternated
4	SAE-2	3Hz	Single	Alternated
5	DOBLE-150	2.5Hz	Double	Alternated
6	INTELLI-AS	2Hz (4 cycles)	Single	Alternated
		2Hz (4 cycles)	Single	Simultaneous
7	INTELLI-MX	5Hz (2 cycles)	Triple	Simultaneous
		1Hz (2 cycles)	Triple	Simultaneous
8	7-FLASH	2 Cycles of each mode of 1 to 7	according active mode	according active mode

HOW TO ORDER

1. Select the part number corresponding to the MicroLed™ of your choice from the list below:

- 2010225 (1) MicroLed™, amber light, flasher incorporated, smooth lens, amber colour, 12V
- 2010236 (1) MicroLed™, amber light, flasher incorporated, smooth lens, clear colour, 12V
- 2010223 (1) MicroLed™, blue light, flasher incorporated, smooth lens, blue colour, 12V
- 2010228 (1) MicroLed™, blue light, flasher incorporated, smooth lens, clear colour, 12V, (undercover vehicles)
- 2010227 (1) MicroLed™, red light, flasher incorporated, smooth lens, red colour, 12V
- 2010242 (1) MicroLed™, red light, flasher incorporated, smooth lens, clear colour, 12V
- 2010224 (1) MicroLed™, amber light, flasher incorporated, Fresnel V15 lens, amber colour, 12V
- 2010239 (1) MicroLed™, amber light, flasher incorporated, Fresnel V15 lens, clear colour, 12V
- 2010222 (1) MicroLed™, blue light, flasher incorporated, Fresnel V15 lens, blue colour, 12V
- 2010229 (1) MicroLed™, blue light, flasher incorporated, Fresnel V15 lens, clear colour, 12V, (undercover vehicles)
- 2010226 (1) MicroLed™, red light, flasher incorporated, Fresnel V15 lens, red colour, 12V
- 2010244 (1) MicroLed™, red light, flasher incorporated, Fresnel V15 lens, clear colour, 12V

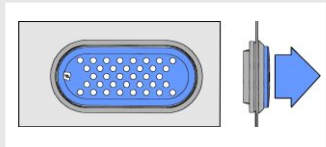
- 2010238 (1) MicroLed™, amber light, flasher incorporated, smooth lens, amber colour, 24V
- 2010237 (1) MicroLed™, amber light, flasher incorporated, smooth lens, clear colour, 24V,
- 2010234 (1) MicroLed™, blue light, flasher incorporated, smooth lens, blue colour, 24V
- 2010232 (1) MicroLed™, blue light, flasher incorporated, smooth lens, clear colour, 24V, (undercover vehicles)
- 2010246 (1) MicroLed™, red light, flasher incorporated, smooth lens, red colour, 24V
- 2010243 (1) MicroLed™, red light, flasher incorporated, smooth lens, clear colour, 24V
- 2010241 (1) MicroLed™, amber light, flasher incorporated, Fresnel V15 lens, amber colour, 24V
- 2010240 (1) MicroLed™, amber light, flasher incorporated, Fresnel V15 lens, clear colour, 24V
- 2010235 (1) MicroLed™, blue light, flasher incorporated, Fresnel V15 lens, blue colour, 24V
- 2010233 (1) MicroLed™, blue light, flasher incorporated, Fresnel V15 lens, clear colour, 24V, (undercover vehicles)
- 2010247 (1) MicroLed™, red light, flasher incorporated, Fresnel V15 lens, red colour, 24V
- 2010245 (1) MicroLed™, red light, flasher incorporated, Fresnel V15 lens, clear colour, 24V

2. Select the part number corresponding to the mountkit (joints) for MicroLed™ from the list below:

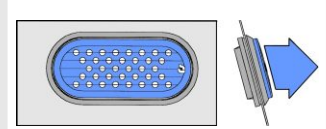
- 2010230 (2) Joints kit for MicroLed™ (Surface mount)
- 2010231 (2) Joints kit for MicroLed™ (Flush mount)
- SW-521 (1) Series SW-500 switch, "on/off"

SPARE PARTS

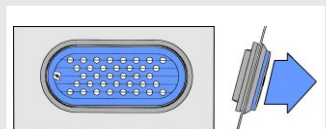
Spare parts are the same products.



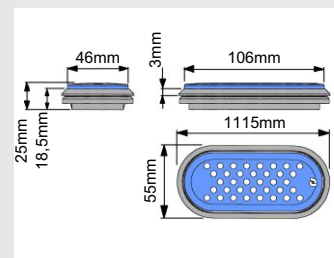
MicroLed™ installation with smooth lens on vehicle body with vertical surface



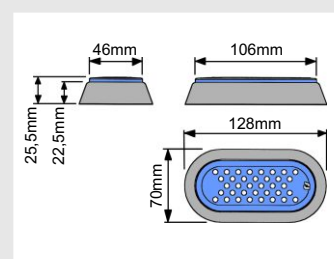
MicroLed™ installation with Fresnel V15 lens on vehicle body with positive contoured surface



MicroLed™ installation with Fresnel V15 lens on vehicle body with negative contoured surface



MicroLed™. Flush mounting



MicroLed™. Surface mounting



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