



HB35LA

Model	Color	CCT / λd	Lumen
HB35LA-6W24	White	6500/7000 k	1280
HB35LA-6NW24	Natural White	4000/4500 k	1150
HB35LA-3W24	White	6500/7000 k	760
HB35LA-3NW24	Natural White	4000/4500 k	700

Features

Operating Voltage	DC 24V
Power HB35-6W24	15W
Power HB35-3W24	8W
LED / Bar HB35-6W24	6 pcs
LED / Bar HB35-3W24	3 pcs
IP Class	IP30
Operating Temperature Range	-30 C° ~ +60 C°
Storage Temperature Range	+5 C° ~ +40 C°
Storage Environment Humidity	RH < 60%
Viewing Angle	15°x60°
Life Time (temperature at T _c = 75 °C)	50.000h (L70)
Warranty	3 Years *

*See terms and conditions



The "HB35LA" series includes 2 different models of bars which are equipped with exclusive optics for the perimeter lighting of light boxes, a model with 6 LED and a model with 3 LED. The surface to be illuminated can be in textile or PMMA Opal 3mm.

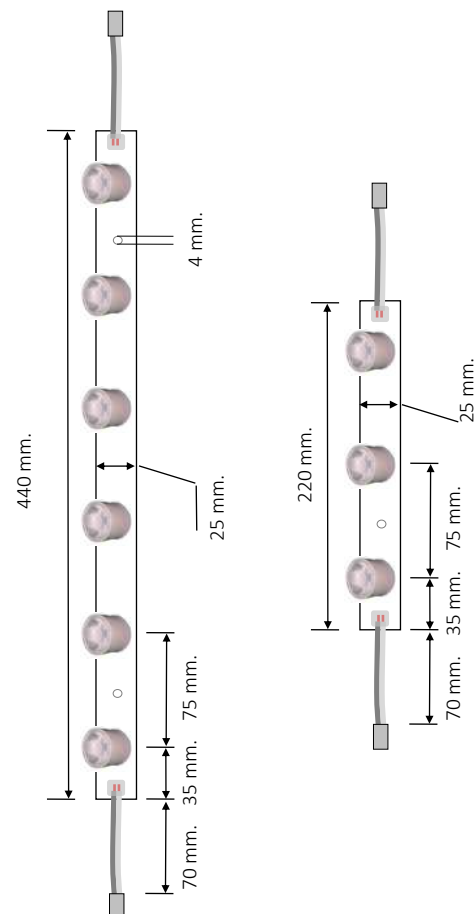
LED Bar HB35LA

Applications

- Light box with depth cm 80 to cm 170
- Perimeter lighting systems
- Wall washing lighting applications
- Architectural and decorative applications

Benefits

- The 15°x60° lens optimizes perimeter lighting.
- End connectors to connect the bars to each others.
- The 3M adhesive offers greater speed and safety in the fixing operations, contributing to the reduction of costs.
- The production date is printed on the product for traceability..
- Switching driver stabilizer for LEDs.
- Integrated EMI filter.
- Dimmable product



Electrical Data

Model	Nominal Voltage	Color Rendering Index	Voltage Range	Accidental reverse input voltage protection up to	Nominal wattage per Bar	No. Max. Bars Connected in succession
HB35LA-6W24	24 VDC	> 80	23...25 VDC	25 VDC	15 W	5 pcs
HB35LA-6NW24	24 VDC	> 80	23...25 VDC	25 VDC	15 W	5 pcs
HB35LA-3W24	24 VDC	> 80	23...25 VDC	25 VDC	8 W	10 pcs
HB35LA-3NW24	24 VDC	> 80	23...25 VDC	25 VDC	8 W	10 pcs

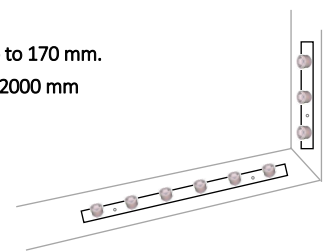
Photometrical Data

Model	Color	Color Temperature	Color Rendering Index	Typical Luminous Flux	Typical Luminous Efficiency
HB35LA-6W24	White	6500/7000 k	> 80	1280 Lm	85,3 Lm/W
HB35LA-6NW24	Natural White	4000/4500 k	> 80	1150 Lm	76,6 Lm/W
HB35LA-3W24	White	6500/7000 k	> 80	690 Lm	86,2 Lm/W
HB35LA-3NW24	Natural White	4000/4500 k	> 80	670 Lm	83,7 Lm/W

Coding

Model	Code
HB35LA-6W24	HTL 000415
HB35LA-6NW24	HTL 000433
HB35LA-3W24	HTL 000731
HB35LA-3NW24	HTL 000736
Starting Cable ***	HTL 000526

- Recommended depth : to 80 mm. up to 170 mm.
- Recommended maximum box width: 2000 mm



The product comply with the following European Standard

<input checked="" type="checkbox"/>	EN 62471: 2008	Photobiological safety of lamps and lamp systems
<input checked="" type="checkbox"/>	EN 62031: 2008+A1: 2013	LED modules for general lighting, Safety specifications
<input checked="" type="checkbox"/>	RoHS2 2011/65/UE	Restriction in the use of hazardous substances in electrical and electronic equipment

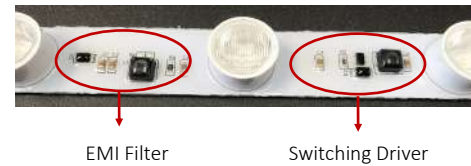
Thermal Adhesive

The HB35LA bar is equipped with a thermal adhesive for fixing to an aluminum profile, or the metal frame of the sign. This special adhesive helps the exchange of heat generated by the LEDs with the surface on which the bar is fixed.



EMI Filter

The HB35LA bar is equipped with a selective filter for the emission of conducted frequencies. This considerably reduces the propagation of disturbances in the wiring and interferences that could compromise the correct functionality of other equipment.



Protection

All active points of the product are coated with 2 different resin types; the welding points of the cables are coated with PU resin catalyzed with exposure to UV rays, to make it sufficiently resistant while maintaining the right elasticity, while the electronic components are coated with silicone resin that remains elastic and always attached to the components even in the presence of high thermal excursions.



Packaging

The bars are packaged 2 by 2 inside a cardboard tube which are placed in a bigger cardboard box:



Optional ***

Starting cable for HB35LA bars, One end with connector and one end with tinned wires for connection to the LED driver.

