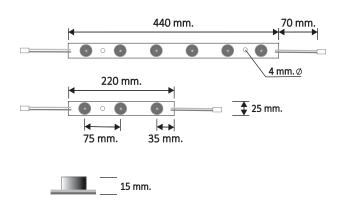


# Data sheet





Model	Code	Colour	CCT/λ
HB35LA-6W24-S	HTL 000841	White	6500k
HB35LA-3W24-S	HTL 000845	White	6500k

# Description

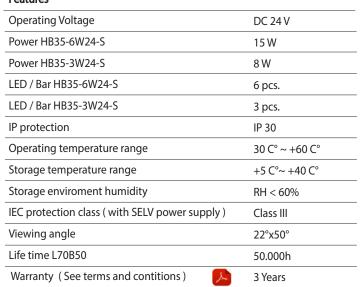
The "HB35LA" series includes 2 different models of bars which are equipped with exclusive optics for the perimeter lighting of light boxes, a model with 6 LED and a model with 3 LED. The surface to be illuminated can be in textile or PMMA Opal 3mm.

## Applications

- Light box with deepth mm 100 to mm 170.
- Perimetral lighting systems. .
- Wall washing lighting applications.
- Architectural and decorative applications.

## **Benefits**

- The 22°x50° lens optimizes perimetral lighting. •
- End connectors to connect the bars to each other's.
- 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.



#### RoHS CE 3 III Years VDC 50.000 h Warranty

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## Features





Model	Nominal Voltage	Voltage range	Accidental reverse input voltage protection up to	Nominal wattage per bar	No. max. bars connected to each other's
HB35LA-6W24-S	24 VDC	2325 VDC	25 VDC	15,5 W	5 pcs
HB35LA-3W24-S	24 VDC	2325 VDC	25 VDC	7,8 W	10 pcs

#### **Photometrical Data** Total Luminous Model Color Useful Luminous Colour Color **Typical Luminous** Temperature Rendering Index flux (Lumen) flux (Lumen) Efficiency \*\* HB35LA-6W24 White 6500 k > 70 1638 Lm. 1518 Lm. 105,6 Lm/W HB35LA-3W24 White 6500 k 819 Lm. > 70 759 Lm. 105,0 Lm/W

\*\* Useful Luminoux Flux measured in a 90° cone.

Recommended depth: 100 mm. to 170 mm.

Recommended maximun box width : 2000 mm.

# This product comply with the following European Standard: (download pdf)

×	EMC - Directive 2014/30/EU	<u> </u>	General safety requirement for luminaires
	EN 55015:2013/A1:2015		EN 60598-2-20:2015 used in conjunction with EN 60598-1:2015+A1:2018
	EN 61547:2009		EN 62031:2020. IEC TR 62778:2014 (Risk group 1)
L	RoHS - Directive 2011/65/EU		
	IEC 62031		
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# **Thermal Adhesive**

La 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 help 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.

#### **Moisture 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:

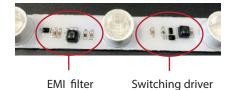
Quantity per carton: HB35LA-6W24 = 100 pcs HB35LA-3W24 = 200 pcs

# Optional

Starting cable for HB35LA bars, One end with connector and one end with tinned wires for connection to the LED driver. Lenght 100 mm.

#### Coding

Model	Code
Starting cable	HTL 000526









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