


Model	Code	Colour	CCT / λ
HM35LADPN-1W12	HTL 000826	White	6500/7000 k

Features

Module operating Voltage	DC 12V
Wattage (W/Module)	2,8W
International protection level	IP65
Operating temperature range	-30 C° ~ +60 C°
Storage temperature range	+30 C° ~ +70 C°
Storage environment humidity	RH < 60%
IEC protection class (with SELV power supply)	Class III
Distance (Centre Module / Module)	160 mm.
Viewing angle	56° x 12°
Life time (temperature Tc = 75 °C)	50.000h (L70)
Chain (No. Modules)	20 pcs
Bag (No. Modules)	40 pcs
Warranty (See terms and conditions)	 5 Years

Applications

- Textile or methacrylate light boxes.
- Backlighting for double-sided light boxes.
- LED modules for perimetral installation.
- Architectural and decorative applications.

Benefits

- LED module with special optic 56°/12°, the particular light diffusion makes it suitable for double-sided light boxes.
- The excellent heat dissipation performed by the module aluminium base reduces light degradation and chromatic deviation.
- Modulo con stabilizzatore di corrente integrato.
- Module with integrated current stabilizer.
- Production date is printed inside of module for the traceability.
- The fixing holes and the adhesive allow a quick installation process.
- Fully encapsulated LED module.



50.000 h



5 Years Warranty



12 VDC



RoHS



Electrical Datas

Model	Nominal voltage	Voltage range	Accidental reverse input voltage protection up to	Nominal wattage per chain	Nominal wattage per module
HM35LADPN-1W12	12 VDC	11...13 VDC	13 VDC	56 W	2,8 W

Photometrical Datas

Model	Colour	Colour temperature	Color rendering index	Typical luminous flux	Typical luminous efficiency
HM35LADPN-1W12	Bianco	6500K / 7000K	> 80	244 Lm	87 Lm/W

Modules positioning

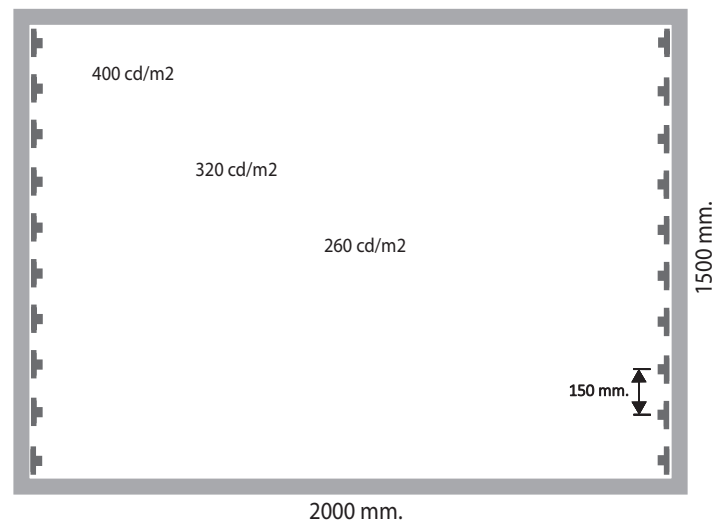
Example of 2000x1500mm box. with perimetral lighting generated by 18 modules.

3 mm opal methacrylate as a finish.

Indication of luminance (cd / m²) measured in 3 positions of the methacrylate surface.

⚠ WARNING

To facilitate heat dissipation, the module must be mounted on a metal profile, the base of the module must adhere to the metal surface trough the appropriate thermic adhesive present on it.



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



EMC - Directive 2014/30/EU

EN 55015:2013/A1:2015

EN 61547:2009

RoHS - Directive 2011/65/EU



IEC 62031



General safety requirement for luminaires

EN 60598-2-20:2015 used in conjunction with EN 60598-1:2015+A1:2018

EN 62031:2020. IEC TR 62778:2014

IP protection



IEC 60529:1989+A1:1999+A2:2013