


Model	Code	Colour	CCT / λ
HM57A-1W12	HTL 000523	White	6500/7000 k

Features

Module operating Voltage	DC 12V
Wattage (W/Module)	1,44 W
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)	230 mm.
Viewing angle	160°
Life time (temperature Tc = 75 °C)	50.000h (L70)
Consistent white light	< 3 SDCM
Chain (No. Modules)	30 pcs
Bag (No. Modules)	60 pcs
Warranty (See terms and conditions)	 5 Years

Applications

- Large light boxes with tensioned textile
- Backlighting of single sided light boxes, depth 80 to 250 mm.
- Luminous wall and ceiling applications
- Architectural and decorative applications

Benefit

- Module with prismatic optics, not only optimally diffuse the light, but it minimizes the dispersion allowing a conspicuous increasing of the efficiency and luminous homogeneity.
- The excellent heat dissipation performed by the module aluminium base reduces light degradation and chromatic deviation.
- 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.



RoHS



Electrical Datas

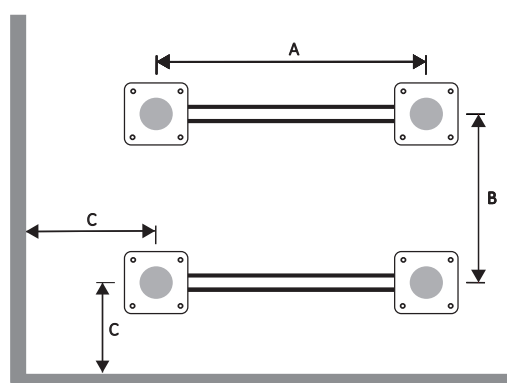
Model	Nominal voltage	Voltage range	Accidental reverse input voltage protection up to	Nominal wattage per chain	Nominal wattage per module
HM57A-1W12	12 VDC	11...13 VDC	13 VDC	43,2 W	1,44 W

Photometrical Datas

Model	Colour	Colour temperature	Color rendering index	Typical luminous flux	Typical luminous efficiency
HM57A-1W12	Bianco	6500K / 7000K	> 80	132 Lm	91,6 Lm/W

Modules positioning (approximate indications)

Light box depth	A	B	C
80 mm.	130 mm.	130 mm.	40 mm.
100 mm.	200 mm.	200 mm.	45 mm.
120 mm.	200 mm.	230 mm.	70 mm.
150 mm.	230 mm.	300 mm.	80 mm.
170 mm.	230 mm.	350 mm.	90 mm.
200 mm.	230 mm.	350 mm.	100 mm.
250 mm.	230 mm.	350 mm.	130 mm.

**This product comply with the following European Standard:**

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