Ledstrip

Design iGuzzini **iGuzzini**

Last information update: April 2018

flexible strip - 5m - 12V LED blanco

Product code
M828

Technical description
Linear lighting product – with white monochrome LEDs – made on a white flexible printed circuit. With end caps and transparent PVC sheath for external protection. The protection rating is IP65 for the full-length strip (not cut). The ends of the circuits are fitted with connectors which have an IP20 protection rating. Supplied in 5-metre long coils wound in suitable supports. The package includes a connections kit for in line or power supply connections. Can be installed using the mounting accessories available. The strip can be cut at centre-to-centre distances of 50mm (minimum 3 LEDs). If intermediate cuts are made, use the caps included and carefully seal the cut ends to restore the protection.LED characteristics: 6000K white colour (the value is approximate and may vary) - 60 LEDs/m – flare angle 140° - 24W total – power supply 12V – max. 2 coils can be connected in line.Ballasts to be ordered separately

Installation
fixing kit: clips (code MWG1: 10 pieces) and aluminium rigid support (code MWG2: 5 pieces x 1 m)

Dimension (mm)
5000x10x4

Colour
Indeterminate (00)

Weight (Kg)
0.35

Mounting
wall surface

Wiring
Constant voltage ballasts to be ordered separately; available for a single coil (code MWF7) or for a maximum of 2 coils in line (code MWF8) the in-series connection is possible up to 10 m (2 coils) allowing for any differences in luminosity on the line. Ballast/coil connection with connectors (IP20) included in the pack with the strip

Notes
The connectors provided guarantee protection rating IP20, therefore we recommend that the strips are used indoors.If the strip is cut (in the appropriate areas) carefully restore the seal after making the connection

Complies with EN60598-1 and pertinent regulations

III IP20 IP65 if the strip is uncut

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Product configuration: M828+LENGTH1
LENGTH1: Length 1 (m) - 1 (m)

Product characteristics

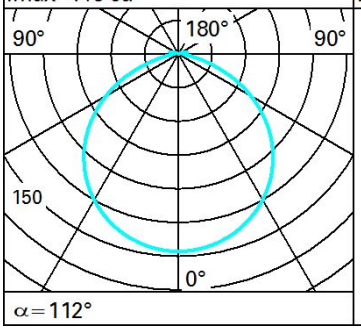
Total lighting output [Lm]: 420	Total luminous flux at or above an angle of 90° [Lm]: 14.4
Total power [W]: 4.8	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 87.5	Voltage [V]: 12
Life Time: 40,000h - L70 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

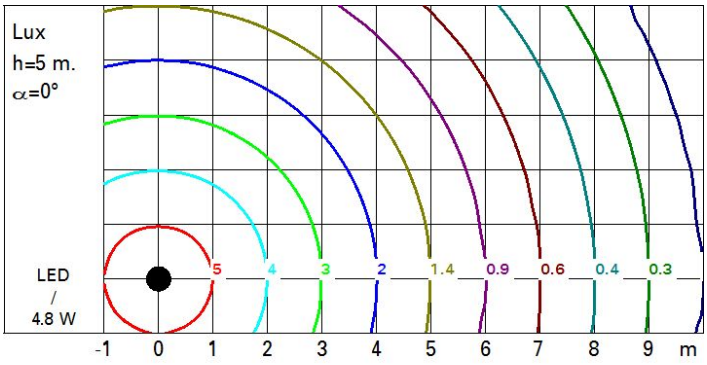
Light Output Ratio (L.O.R.) [%]: 100	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 0
Nominal power [W]: 4.8	Colour temperature [K]: 6000
Nominal luminous [Lm]: 420	CRI: 70
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: /

Polar

Imax=146 cd



Lux

h	d	Em	Emax
1	3	85	146
2	5.9	21	37
3	8.9	9	16
4	11.9	5	9

Isolux