Underscore15

Design iGuzzini **iGuzzini**

Last information update: May 2018

flexible strip - 5m - LED blanco

Product code
M251

Technical description
Product for linear lighting - with white monochrome LEDs - made on a white flexible circuit coated with a layer of silicone; the silicone protection guarantees IP65 protection for the uncut strip. The ends of the circuits are fitted with connectors with IP20 protection, therefore we recommend that the strips be used indoors. Supplied in 5-metre long coils wound on suitable supports; the pack includes a connections kit for in line or power supply connections. The back of the circuit is coated with adhesive for rapid application; mounting accessories are available for less simple installations. The strip can be cut at a centre-to-centre distance of 50 mm (minimum 3 LEDs); if intermediate cuts are made, ensure that the cut ends are carefully sealed. LED features: white 4000K colour (the value is an indication only and may vary slightly) - 60 LEDs/m - flare angle 120° - 24W total - power supply 12V - a maximum of 2 coils can be connected in line.Ballasts to be ordered separately

Installation
rapid installation with adhesive; clips are available for added fixing guarantees (code MWG2: 10 pieces) and rigid aluminium supports (code MWG1: 5 pieces x 1m)

Dimension (mm)
5000x10x3

Colour
Indeterminate (00)

Weight (Kg)
0.21

Mounting
wall arm

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). Ballast/coil connection with connectors (IP20) included in the pack with the strips

Notes
The connectors grant an IP20 protection, for this reason it is advised the use of strips in internal installations. in case of cuts to the strips it is necessary to restore the sealing with accuracy after having done the connection weldings.

Complies with EN60598-1 and pertinent regulations

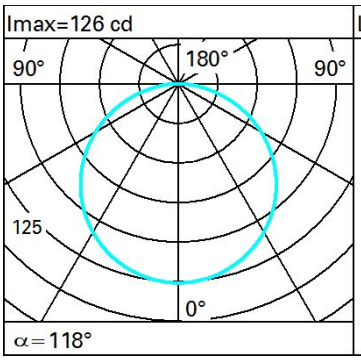
IP20 IP65 if the strip is uncut

Product configuration: M251+LENGTH1
LENGTH1: Length 1 (m) - 1 (m)

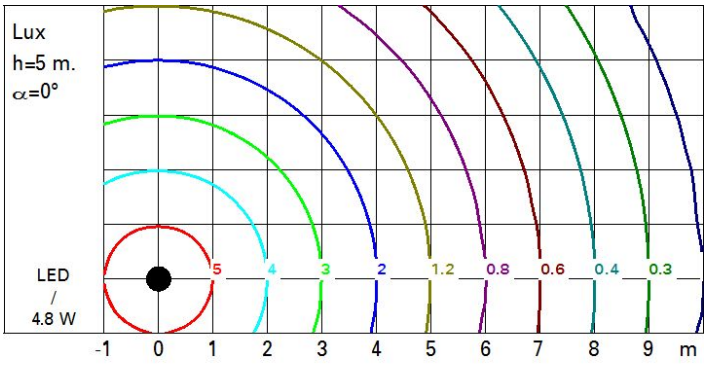
Product characteristics
Total lighting output [Lm]: 390
Total power [W]: 4.8
Luminous efficacy [Lm/W]: 81.3
Life Time: 40,000h - L70 (Ta 25°C)
Total luminous flux at or above an angle of 90° [Lm]: 5.1
Emergency luminous flux [Lm]: /
Voltage [V]: 12
Number of optical assemblies: 1

Optical assembly Characteristics Type 1
Light Output Ratio (L.O.R.) [%]: 100
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 4.8
Nominal luminous [Lm]: 390
Lamp maximum intensity [cd]: /
Beam angle [°]: /
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 4000
CRI: 75
Wavelength [Nm]: /
MacAdam Step: /

Polar



Lux

h	d	Em	Emax
1	3.3	70	126
2	6.7	18	31
3	10	8	14
4	13.3	4	8

Isolux