

METALL ART[®]

stairs.

LED Handrail Lighting

Technical details: Recessed stainless steel spot MA-LED02



Scope of delivery
Article No. MA-LED02

1 x recessed LED spot
2 x connection strand 70cm
2 x quick connector

Power consumption	(dimnable) 1W
Colour temperature	5.000K
I _{max}	350mA DC
U _{max}	3,2V DC
Radiation angle	120°
Installation depth	20mm
Thread	M16x1x5
Protection class (integrated in the handrail, vertical radiation downwards)	IP22
Max. service temperature, with ambient temperature 20°C (not installed)	50°C
Ambient temperature in operation/storage	-40°C - 125°C
Air humidity in operation/storage	<90% non-condensing
Material of casing	stainless steel V2
Connecting length YV-wire Cu, isolated, +rt -sw	70cm, d = 0,5mm
CE, norms and security	DIN EN 62031 VDE 0715-5

Recommended power supply units:

Constant current 350mA, protection against overload, short circuit, overvoltage and excessive temperature protection class II, SELV output.



SLT6-350IFG
Art No:
MA-NT01
for 1-7 pcs.
MA-LED02
Upri 220-240V AC
Usec 3-21V DC
Pmax 7,2W
118x40x10mm



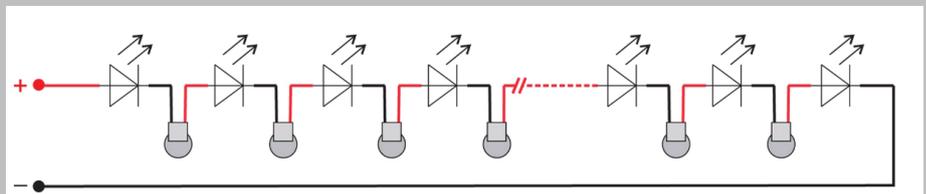
SLT20-350IFG
Art No:
MA-NT02
for 2-20 pcs.
MA-LED02
Upri 220-240V AC
Usec 6-56V DC
Pmax 20W
165x40x14mm

These power supply units comply with:
EN61347-1, EN61347-2-13, EN55015, EN61000-3-2



The primary side of the power supplies (230V) must be connected by a certified electrician!

Power supply
I_{const.} 350mA DC



LED handrail lighting creates eye-catching effects

As an innovative company MetallArt sets standards in the field of demanding staircase design. The LED handrail lighting is a novelty which is actually becoming very trendy for exclusive railing constructions.

As your reliable partner for all services relating to individual steel stairs we developed an own LED lighting system. This exclusive product complements our large service portfolio.



The LED handrail lighting can be supplied as integrated system in combination with the stairs or, if required, as an individual service.

Due to the system which was developed to suit our constructions we can offer this lighting feature as a cost-efficient alternative compared to existing versions.

LED handrail lighting as a design feature



The indirect lighting system for handrails by MetallArt is not only practical and useful. It creates furthermore an exclusive and comfortable ambiance by giving highlights on the treads and stringers of the stairs without causing glare. A discreet lighting solution also guides in the darkness and improves the safety.

Beside the economic advantage by low power consumption and a very long life service the LED lights emit less heat than for example halogen lights.

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