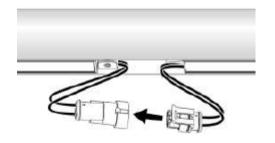
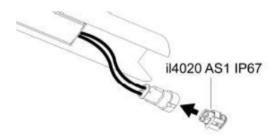
Instalight 4020 LS symetric Handrail-Luminaire





















instalight 4020 LS - Single-colour light insert















Application

The instalight 4020 was developed for use in the standard grooved tubes of handrails. Its small cross-section dimensions and its extremely robust structure means that it is gaining in importance in similar applications.

The high-intensity LS variants make lighting solutions possible out of the handrail. Of course, there are additional variants available in RGB or single-colour light.

Product characteristics

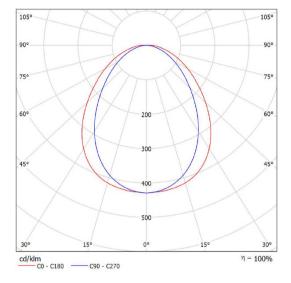
- Symetrical light-distribution ideally for lighting stairs
- High-quality stainless steel housing with diffuse encapsulation
- Protection rating IP 67
- Suitable for handrail profiles with grooved tube in d = 48.3 mm and 60.3 mm
- Impact-resistant and robust

Control

• DC 28 V via external power supply unit

Technical data of the LED lamp insert

recinition data of the EED	reconnect data of the 220 lamp insert					
Rated voltage	DC 28 V SELV 19 Watt per meter					
Power consumption						
Safety class	III					
Protection rating	IP 67					
Dimensions (L x W x H)	see below					
Material	stainless steel					
Weight	1.6 kg/m					



instalight 4020 LS - Variants

	Dimensions (mm)	L	w	Н	Optics	LDC	typ. light colour	typ. Φ	R _a	Artno.
luminaire long										
L I H	714 1039	27	27 30	100 100 100 100 100 100 100 100 100 100	WWH 3000 K	900lm/m	>80	il 4020 LS xxxx WWH K1500 xxxx= insert the length		
		1364			100	NWH 4000 K	900lm/m	>80	il 4020 LS XXXX NWH K1500	
					z = 1004f	l l l l l l l l l l l l l l l l l l l			xxxx= insert the length	
						TWH	900lm/m	>80	il 4020 LS XXXX TWH K1500	
							6500 K	6500 K		xxxx= insert the length

Instalight 4020 LS asymetric Handrail-Luminaire



Special features of the luminaire:

Serial product in use since 2008, long-time experience is very good. Product is listed for Deutsche Bahn and in use at many public transport stations.

Housing from refined steel 316L, international 1.4301, resistent agains corrosion, mechanical forces and vandalism. Optimal thermal transmission to ambient.

Profile inside from Polycarbonat, UV stabilized and long time stabil >10 years.

Casting resin multicomponent Polyurethan, in use since 2006 for outdoors.

Glow-wire test passed with 750°C for Deutsche Bahn requirements.

LEDs are single ensured with by-passing Diodes so that later single LED failures cannot cause a complete failure of a segment of PCB.

Optic with harmonising effect, single dark LEDs would not be visible.