

Last information update: March 2025

Product configuration: PG93.M6

PG93.M6: Module for Superrail 48V track - DALI - UGR<19 - L=1368 - Continuous line - 11W 1334.5lm - 2700K - CRI 90 - White/Black Transparent

**Product code**

PG93.M6: Module for Superrail 48V track - DALI - UGR<19 - L=1368 - Continuous line - 11W 1334.5lm - 2700K - CRI 90 - White/Black Transparent

Technical description

Linear lighting product with 2700K CRI90 monochrome LED complete with adapter for installation on a Superrail 48V track. UGR<19 luminaire with controlled luminance ($L \leq 3000 \text{cd/m}^2$) ideal for environments with video screen use. Opti-Diamond Space optic available in a White Cover (Transparent white) or Black Cover (Transparent black) version. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI dimmable function. Integrated «power line» technology allows each light module on the track to be adjusted separately. Frameless version main body made of extruded aluminium. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. Module for continuous line not including caps (to be ordered as an accessory)

Installation

Mechanical fastening with adapter on a Superrail 48V track. Close the continuous line with a pair of caps to be ordered separately.

Colour

White/Black Transparent (M6)

Weight (Kg)

0.75

Mounting

Low voltage track

Wiring

Integrated DC/DC LED driver in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1209	MacAdam Step:	3
W system:	9.5	Lamp code:	LED
Im source:	1570	Number of lamps for optical assembly:	1
W source:	9.5	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	127.3	Number of optical assemblies:	1
Im in emergency mode:	-	LED current [mA]:	39
Total light flux at or above an angle of 90° [Lm]:	23	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	77	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI

Polar

Imax=1274 cd		C75-255		CIE		Lux				
90°		180°		nL 0.77		h	d1	d2	Em	Emax
1000		0°		94-99-99-98-77		1	1.1	1.2	977	1242
α=60°				DIN		2	2.3	2.3	244	310
				A.61		3	3.4	3.5	109	138
				UTE		4	4.6	4.6	61	78
				0.76A+0.01T						
				F*1=940						
				F*1+F*2=985						
				F*1+F*2+F*3=994						
				CIBSE						
				LG3 L<1500 cd/m ² at 65°						

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	67	63	60	58	62	59	59	56	74
1.0	70	66	64	62	65	63	63	60	79
1.5	74	71	69	67	70	68	67	65	86
2.0	77	75	73	72	73	72	71	68	90
2.5	78	77	75	74	75	74	73	71	93
3.0	80	78	77	76	77	76	75	72	96
4.0	81	80	79	78	78	77	76	74	97
5.0	81	80	80	79	79	78	77	74	99
