Superrail

Design iGuzzini   **iGuzzini**

Last information update: March 2025

Product configuration: PG55.M6

PG55.M6: Module for Superrail 48V track - DALI - GL - L=916 - - 14.1W 1776.5lm - 3500K - CRI 90 - White/Black Transparent

Product code

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Technical description

Linear lighting product with 3500K CRI90 monochrome LED complete with adapter for installation on a Superrail 48V track. General Light (High Output) luminaire with 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.

Installation

Mechanical fastening with adapter on a Superrail 48V track

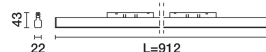| **Colour**	**Weight (Kg)**
White/Black Transparent (M6)	0.52

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.
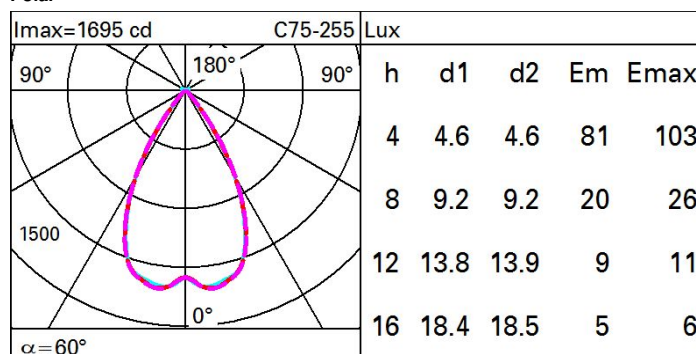
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	1609	MacAdam Step:	3
W system:	12	Lamp code:	LED
lm source:	2090	Number of lamps for optical assembly:	1
W source:	12		
Luminous efficiency (lm/W, real value):	134.1	ZVEI Code:	LED
		Number of optical assemblies:	1
lm in emergency mode:	-		
Total light flux at or above an angle of 90° [Lm]:	31	LED current [mA]:	72
		Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	77	Minimum dimming %:	5
		Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	90		
Colour temperature [K]:	3500	Control:	DALI

Polar

Imax=1695 cd		C75-255	Lux				
			h	d1	d2	Em	Emax
			4	4.6	4.6	81	103
			8	9.2	9.2	20	26
			12	13.8	13.9	9	11
			16	18.4	18.5	5	6

α=60°

Isolux

Lux
h=5 m.
α=0°

LED
/
12 W

62 43 19 3 0.7 0.3 0.1 0.1 0.1

-1 0 1 2 3 4 5 6 7 8 9 m