Superrail

Design iGuzzini   **iGuzzini**

Last information update: March 2025

Product configuration: PG58.G2
PG58.G2: Module for Superrail 48V track - DALI - Warm White - GL - L=1372 - - 20.2W 2754lm - 3000K - CRI 90 - Black/White Transparent

Product code
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Technical description
Linear lighting product with Warm White 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

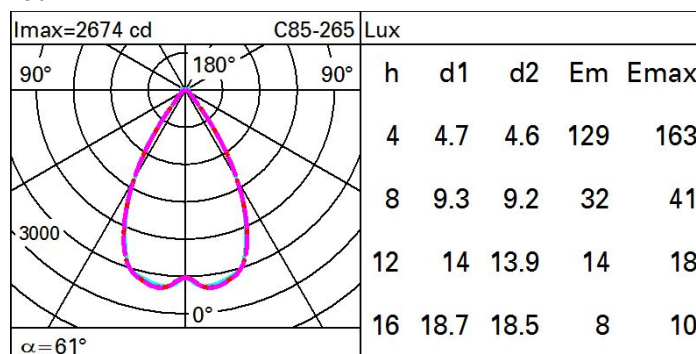| **Colour**	**Weight (Kg)**
Black/White Transparent (G2)	0.75

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

III   IP20   CE   UKCA   S   QCERT

Technical data

lm system:	2754	Voltage [Vin]:	48
W system:	20.2	Lamp code:	LED
lm source:	3240	Number of lamps for optical assembly:	1
W source:	19		
Luminous efficiency (lm/W, real value):	136.3	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	53	LED current [mA]:	77
Light Output Ratio (L.O.R.) [%]:	85	Power factor:	See installation instructions
		Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000		
MacAdam Step:	3	Dimming mode:	CCR
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)	Control:	DALI

Polar

Imax=2674 cd   C85-265

h	d1	d2	Em	Emax
4	4.7	4.6	129	163
8	9.3	9.2	32	41
12	14	13.9	14	18
16	18.7	18.5	8	10

α=61°

Isolux

Lux
h=5 m.
α=0°

LED
/
20.2 W

98 69 31 6 2 1.0 0.6 0.4 0.3

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