

Last information update: March 2025

Product configuration: PG55.G1

PG55.G1: Module for Superrail 48V track - DALI - GL - L=916 - - 14.1W 1776.5lm - 3500K - CRI 90 - Black/Black Transparent

**Product code**

PG55.G1: Module for Superrail 48V track - DALI - GL - L=916 - - 14.1W 1776.5lm - 3500K - CRI 90 - Black/Black Transparent

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

Black/Black Transparent (G1)

Weight (Kg)

0.52

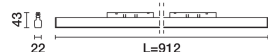
Mounting

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	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	14.1	Voltage [Vin]:	48
lm source:	2090	Lamp code:	LED
W source:	12	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	114.1	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	31	LED current [mA]:	72
Light Output Ratio (L.O.R.) [%]:	77	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Colour temperature [K]:	3500	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3	Control:	DALI

Polar

Imax=1695 cd C75-255 Lux					
90°	180°	90°	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

