

Last information update: March 2025

Product configuration: PH33.G1

PH33.G1: Module for Superrail 48V track - DALI - GL - L=1824 - Continuous line - 27W 3408.5lm - 2700K - CRI 90 - Black/Black Transparent

**Product code**

PH33.G1: Module for Superrail 48V track - DALI - GL - L=1824 - Continuous line - 27W 3408.5lm - 2700K - CRI 90 - Black/Black Transparent

Technical description

Linear lighting product with 2700K 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. 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 line with a pair of caps to be ordered separately.

Colour

Black/Black Transparent (G1)

Weight (Kg)

1.03

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:	3088	Voltage [Vin]:	48
W system:	27	Lamp code:	LED
Im source:	4010	Number of lamps for optical assembly:	1
W source:	25	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	114.4	Number of optical assemblies:	1
Im in emergency mode:	-	LED current [mA]:	77
Total light flux at or above an angle of 90° [Lm]:	59	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	Dimming mode:	CCR
MacAdam Step:	3	Control:	DALI
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		

Polar

Imax=3253 cd		C75-255		Lux			
90°	180°	90°	h	d1	d2	Em	Emax
			4	4.6	4.6	156	198
			8	9.2	9.2	39	50
			12	13.8	13.9	17	22
			16	18.4	18.5	10	12

Isolux

