Superrail

Design iGuzzini iGuzzini

Last information update: May 2025

Product configuration: 232B+PB47

232B: LED STICK with no screen for Superrail 48V track - DALI Powerline - L 310



Product code

232B: LED STICK with no screen for Superrail 48V track - DALI Powerline - L 310

Technical description

Linear lighting product with no polycarbonate screen - with white monochrome LEDs - complete with adapter for installation on a Superrail 48V track. 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. 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 track.

 Colour
 Weight (Kg)

 White (01)
 0.16

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











Im system:				
W system: 6.8 Voltage [Vin]: 48 Im source: 960 Lamp code: LED W source: 5.7 Number of lamps for optical assembly: 1 Luminous efficiency (Im/W, real value): 67.76 assembly: Im in emergency mode: - Number of optical assemblies: 1 Total light flux at or above an angle of 90° [Lm]: 0.0 assemblies: Light Output Ratio (L.O.R.) 48 Power factor: See installation instructions [%]: Minimum dimming %: 5 Beam angle [°]: 112° Overvoltage protection: 0kV Common mode & 0kV Differential mode Colour temperature [K]: 3500 Control: DALI	Technical data			
Im source: 960 W source: 5.7 Number of lamps for optical 1 assembly: ZVEI Code: LED Number of optical 1 Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 48 Beam angle [°]: 112° Colour temperature [K]: 3500 Lamp code: LED Number of optical 1 assemblies: LED current [mA]: 0.0875 Power factor: See installation instructions 0.00 Overvoltage protection: 0kV Common mode & 0kV Differential mode Colour temperature [K]: 3500 Control: DALI	Im system:	460.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W source: 5.7 Luminous efficiency (Im/W, 67.76 real value): In in emergency mode: - Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 48 Beam angle [°]: 112° Colour temperature [K]: 3500 Number of lamps for optical assembly: ZVEI Code: LED Number of optical 1 assemblies: LED current [mA]: 0.0875 See installation instructions for optical assemblies: Authorized the product of the prod	W system:	6.8	Voltage [Vin]:	48
Luminous efficiency (Im/W, real value): Image: real value of protection of the prot	Im source:	960	Lamp code:	LED
real value): Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 48 Power factor: See installation instructions 60° [%]: Minimum dimming %: 5 Beam angle [°]: 112° Overvoltage protection: 0kV Common mode & 0kV Differential mode 0kU Different	W source:	5.7	Number of lamps for optical	1
Im in emergency mode: - Number of optical assemblies: 1 Total light flux at or above an angle of 90° [Lm]: 0.0 assemblies: Light Output Ratio (L.O.R.) 48 Power factor: See installation instructions [%]: Minimum dimming %: 5 Beam angle [°]: 112° Overvoltage protection: 0kV Common mode & 0kV Differential mode CRI: 90 Control: DALI	Luminous efficiency (Im/W,	67.76	assembly:	
Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 48 Power factor: Minimum dimming %: See installation instructions Minimum dimming %: See of installation instructions Minimum dimming %: Overvoltage protection: OkV Common mode & 0kV Differential mode Colour temperature [K]: 3500 Control: DALI	real value):		ZVEI Code:	LED
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Light Output Ratio (L.O.R.) 48 Power factor: Minimum dimming %: Beam angle [°]: CRI: 90 Colour temperature [K]: See installation instructions Overvoltage protection: OkV Common mode & 0kV Differential mode Control: DALI	Total light flux at or above	0.0	assemblies:	
[%]: Minimum dimming %: 5 Beam angle [°]: 112° Overvoltage protection: 0kV Common mode & 0kV CRI: 90 Colour temperature [K]: 3500 Control: DALI	an angle of 90° [Lm]:		LED current [mA]:	0.0875
Beam angle [°]: 112° Overvoltage protection: 0kV Common mode & 0kV CRI: 90 Colour temperature [K]: 3500 Control: DALI	• • • •	48	Power factor:	See installation instructions
CRI: 90 Differential mode Colour temperature [K]: 3500 Control: DALI			Minimum dimming %:	5
Colour temperature [K]: 3500 Control: DALI	Beam angle [°]:	112°	Overvoltage protection:	0kV Common mode & 0kV
	CRI:	90		Differential mode
MacAdam Step: 3	Colour temperature [K]:	3500	Control:	DALI
	MacAdam Step:	3		