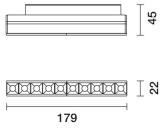
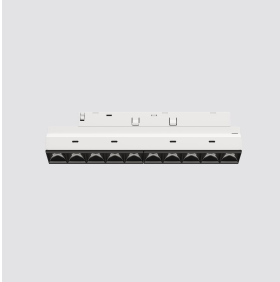


Last information update: January 2025

Product configuration: R653

R653: Linear module LB XS for 48V Superrail track - HC Low Output for continuous line - 10 cells

**Product code**

R653: Linear module LB XS for 48V Superrail track - HC Low Output for continuous line - 10 cells

Technical description

Fixed linear module with 10 reduced flow optic elements, specifically designed for continuous line connections with other (5 and/or 10 cell High Contrast Low Output) installed modules. Possibility of continuous contact with general light LED sticks. The module cannot be combined with other standard flow modules. Complete with adapter for installation on Superrail LV 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. Fixed optics with metallised thermoplastic high definition Opti-Beam reflectors. 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

White (01) | Black / Black (43) | Black / White (47)

Weight (Kg)

0.14

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.

Notes

Reduced flow module for continuous line installation: this type of module can be combined with other installed modules and LED sticks, but it cannot be connected in a continuous line with other standard flow modules.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	821.7	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	10.9	Lamp code:	LED
lm source:	990	Number of lamps for optical assembly:	1
W source:	9.8	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	75.39	Number of optical assemblies:	1
lm in emergency mode:	-	LED current [mA]:	0.35
Total light flux at or above an angle of 90° [Lm]:	0.0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	83	Minimum dimming %:	5
Beam angle [°]:	43°	Overvoltage protection:	0kV Common mode & 0kV Differential mode
CRI:	90	Dimming mode:	CCR
Colour temperature [K]:	2700	Control:	DALI
MacAdam Step:	2		