

Last information update: December 2023

Product configuration: QY81

QY81: LED STRIP for Superrail LV track - L 300

**Product code**

QY81: LED STRIP for Superrail LV track - L 300

Technical description

Linear lighting product - with white monochrome LEDs - on a flexible white circuit coated with a layer of silicone and complete with adapter for installation on a Superrail LV track. One end of the circuit is fitted with a connector for connecting it to the adapter. The connector has an IP20 protection rating, therefore we recommend that the strips are used indoors. 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. LED specifications: 2700 K warm white colour - 70 LEDs/m - 120° flare angle - 48V power supply. Ballasts to be ordered separately

Installation

The device can be secured mechanically using either an adapter or a silicone sheath.

Colour

White (01) | Black (04)

Weight (Kg)

0.03

Mounting

Low voltage track

Wiring

Integrated DC/DC LED driver in adapter - direct connection on Superrail LV track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	464	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	4.4	Ballast losses [W]:	1
Im source:	540	Lamp code:	LED
W source:	3.4	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	105.5	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	464	LED current [mA]:	59
Light Output Ratio (L.O.R.) [%]:	86	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Colour temperature [K]:	2700	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3		

Polar

Imax=177 cd		Lux			
		h	d	Em	Emax
	180°	1	2.9	104	177
		2	5.7	26	44
	90°	3	8.6	12	20
	0°	4	11.4	6	11
α = 110°					