

Last information update: March 2025

Product configuration: 466B.01

466B.01: Ø62 Spot LV spotlight - PWM - Lens - 9.6W 578lm - 3500K - CRI 90 - White

**Product code**

466B.01: Ø62 Spot LV spotlight - PWM - Lens - 9.6W 578lm - 3500K - CRI 90 - White

Technical description

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. Body consisting of two painted diecast aluminium shells coupled together and a painted zamak track connection. An ideal passive dissipation system to guarantee a long life and effective heat management. The adapter is made of a thermoplastic material and includes a driver circuit with PWM (Pulse with modulation) technology. The integrated PWM technology allows the light intensity to be adjusted by creating the effect of a dimmed light without altering the quality of the light. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic unit guarantees a high level of visual comfort with a thermoplastic high definition lens (PMMA). A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

Installation on a Filorail track.

Colour

White (01)

Mounting

Low voltage track

Wiring

LED driver integrated in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

The front frame (obligatory style accessory) needs to be purchased separately.

The miniaturized projectors use the DALI Broadcast protocol and can only be installed on the straight section of the track.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 578 | Colour temperature [K]: | 3500 |
| W system: | 9.6 | MacAdam Step: | 2 |
| lm source: | 850 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 8.2 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 60.2 | Number of lamps for optical assembly: | 1 |
| lm in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 68 | LED current [mA]: | 650 |
| Beam angle [°]: | 25° | Power factor: | See installation instructions |
| CRI (minimum): | 90 | Control: | PWM |

Polar