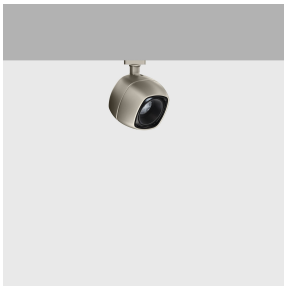
Newfo

Design iGuzzini **iGuzzini**

Last information update: February 2025

Product configuration: 468B
468B: Ø62 Spot LV spotlight - PWM - Lens

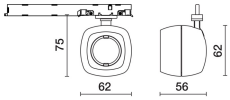


Product code
468B: Ø62 Spot LV spotlight - PWM - Lens

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) | Titanium (N8) | Matte black (V0)



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.

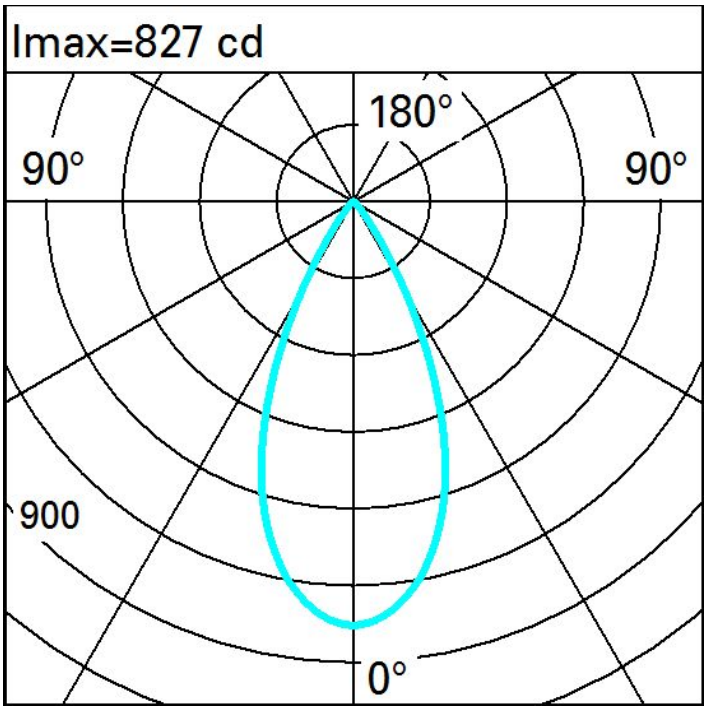
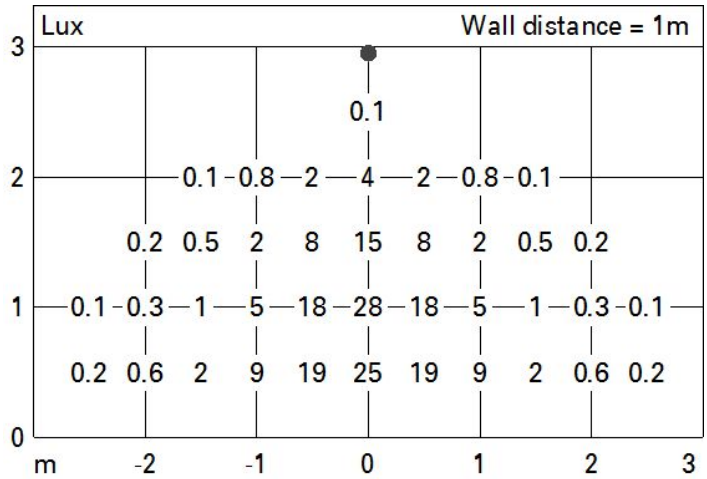
Complies with EN60598-1 and pertinent regulations

IP20 pending pending pending

Technical data

lm system:	491	Colour temperature [K]:	2700
W system:	9.6	MacAdam Step:	2
lm source:	780	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	8.2	Lamp code:	LED
Luminous efficiency (lm/W, real value):	51.2	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.) [%]:	63	LED current [mA]:	650
		Power factor:	See installation instructions
Beam angle [°]:	47°	Control:	PWM
CRI (minimum):	90		

Polar



Illuminances