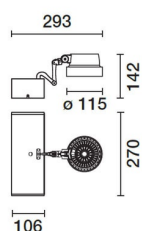


Last information update: June 2023

Product configuration: N348

N348: Warm LED spotlight CRI > 90 - spot optic.

**Product code**N348: Warm LED spotlight CRI > 90 - spot optic. **Attention! Code no longer in production****Technical description**

Spotlight with clean lines designed for lay-on installation; particularly suitable for mounting on cornices, architraves and shelves. The centrally-located joint system ensures easy orientation in all directions. LED light source with high colour rendering index. Passive cooling system. Extruded aluminium components body with die-cast aluminium end caps. Shaped fixing plate made of galvanised sheet steel. Die-cast aluminium optical assembly, joints and arms. PMMA emission optics - spot beam. Orientation capacity: - 35°/+90° around the horizontal axis; 359° around the vertical axis. Optic screens with separate code are available for varying the light beam angle.

Installation

Besides the lay-on installation on horizontal surfaces, the luminaire can be installed on vertical walls and 180° upside down, ensuring optimal aiming in any situation. The fixing plate is anchored with screws and wall plugs, and the component body is then attached to it mechanically.

Colour

White (01) | Grey (15)

Weight (Kg)

2

Mounting

wall surface|ceiling surface

Wiring

Inclusive of electronic control gear incorporated into the component body; wiring to power supply on fixing plate through plug-in terminal block; configured for pass-through wiring with protective grommet.

Notes

The light emission can be varied by adding optional supplementary optics: medium - MXG3 (30° beam) flood - MXG4 (46° beam) oval - MXG5 (50° / 15°).

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1530.3	MacAdam Step:	3
W system:	22.5	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Im source:	1700	Ballast losses [W]:	4.5
W source:	18	Lamp code:	LED
Luminous efficiency (Im/W, real value):	68	Number of lamps for optical assembly:	1
Im 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.) [%]:	90	Power factor:	See installation instructions
Beam angle [°]:	14°	Inrush current:	20 A / 250 µs
CRI:	95	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 20 luminaires B16A: 32 luminaires C10A: 33 luminaires C16A: 54 luminaires
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode

Polar

Imax=12093 cd		Lux			
h	d	Em	Emax		
2	0.5	2363	3023		
4	1	591	756		
6	1.5	263	336		
8	2	148	189		

α = 14°

