

Last information update: May 2025

Product configuration: ET88

ET88: Spotlight with bracket - Warm White LED - Integrated Ballast - Super Spot optic - Ta 40°

**Product code**

ET88: Spotlight with bracket - Warm White LED - Integrated Ballast - Super Spot optic - Ta 40°

Technical description

Spotlight designed to use LED lamps and a Super Spot optic. Consists of a die-cast aluminium optical assembly, bracket and box for the ballast with a clear tempered sodium-calcium safety glass cover. The luminaire is fitted with a double cable gland for pass-through wiring. The optical assembly can be adjusted on a horizontal plane at an angle between -50° / +90°. Agorà is fitted with a graduated scale and mechanical locking device for positioning. The Opti Beam Lens optical system comes complete with a Warm White monochrome LED circuit. The electronic DALI ballast is integrated in the product and compatible with remote management systems. Compatible with programming systems via DALI terminals or an NFC system. Both indoor (diffuser glass covers, lamellar louvers and refractors for elliptical light) and outdoor accessories (cylindrical screens, visors and protective grilles) can be used. All external screws used are made of A2 stainless steel.

Installation

Floor, ceiling or wall-mounted installation.

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

14.16

Wiring

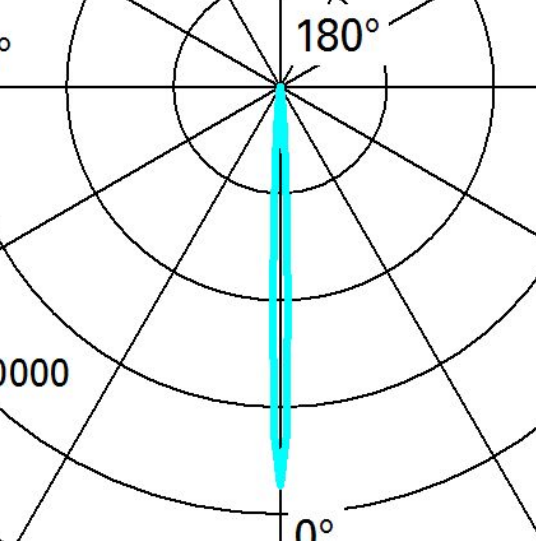
Double PG.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	6975	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	89.3	Lamp code:	LED
Im source:	9300	Number of lamps for optical assembly:	1
W source:	84	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	78.1	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	75	Inrush current:	65 A / - µs
Beam angle [°]:	4.3°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 3 luminaires B16A: 5 luminaires C10A: 5 luminaires C16A: 8 luminaires
CRI (minimum):	80	Minimum dimming %:	5
Colour temperature [K]:	3000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

$I_{\max} = 559523 \text{ cd}$



90° 180° 90°

600000

0°

$\alpha = 4^\circ$

Figure 1 is a 3D plot showing the distribution of illuminance (lux) in a room with a wall distance of 1m. The plot shows a central peak of 58 lux at the center of the room, with values decreasing towards the walls and corners. The x-axis represents distance in meters (m) from -2 to 2, and the y-axis represents distance in meters (m) from 0 to 3. The z-axis represents illuminance in lux from 0 to 3. The plot is a 3D surface with a grid of points.