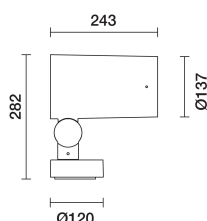


Last information update: March 2025

#### Product configuration: EF45

EF45: Spotlight with base - Warm White Led - integrated electronic control gear - Very Wide Flood optic



#### Product code

EF45: Spotlight with base - Warm White Led - integrated electronic control gear - Very Wide Flood optic

#### Technical description

Spotlight designed to use LED lamps and a Very Wide Flood optic. The optical assembly and base is made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. 5 mm thick tempered sodium-calcium closing glass. Double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Complete with a monochrome LED circuit and an Opti Beam Reflector optic system. The product includes a PG13.5 cable gland. Electronic DALI ballast integrated in product. Option of using optic accessories assembled via an accessory holder frame. All external screws used are made of A2 stainless steel.

#### Installation

Floor, wall, ceiling or via pole.

#### Colour

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

#### Weight (Kg)

5.5

#### Mounting

wall arm|ground surface|wall surface|ceiling surface

#### Wiring

Double PG.

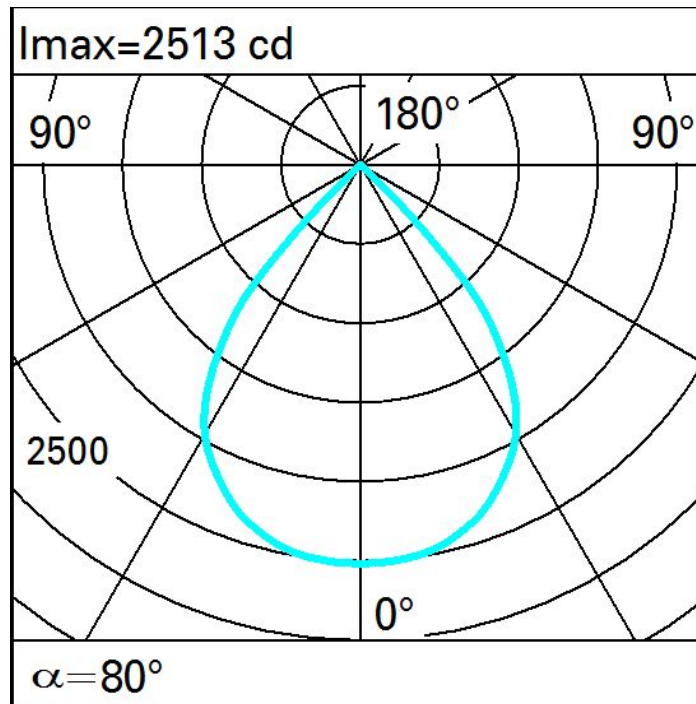
Complies with EN60598-1 and pertinent regulations



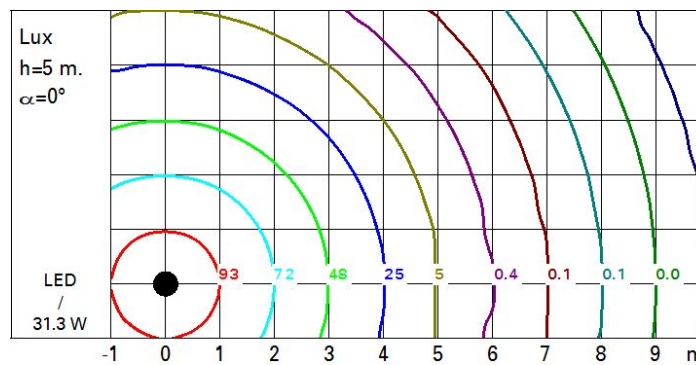
#### Technical data

Im system:	3298	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	31.3	Lamp code:	LED
Im source:	3880	Number of lamps for optical assembly:	1
W source:	27	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	105.4	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	Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=40°C
Light Output Ratio (L.O.R.) [%]:	85	Power factor:	See installation instructions
Beam angle [°]:	80°	Inrush current:	21 A / 300 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	3000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

# Polar



# Isolux



# Illuminances

