4ward

Last information update: May 2018

spotlight - warm white 12° optic

Product code
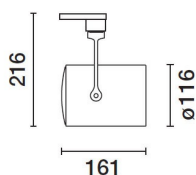P048

Technical description
Adjustable spotlight with adapter for installation on a mains voltage track. Die-cast aluminium optical assembly and brackets, the back of the product is slightly rounded and made of a thermoplastic material. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in warm white colour 3000K CRI90. Option of installing a flat accessory that can be either an eliptical distribution refractor, a soft lens filter or a louver.

Installation
on an electrified track or special base

Dimension (mm)
Ø116x216

Colour
White (01) | Black (04) | White/Chrome (E4)

Weight (Kg)
1.4

Mounting
three circuit track

Wiring
product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20   IP40   for optical assembly

Product configuration: P048

Product characteristics

Total lighting output [Lm]: 2420	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 30.2	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 80.2	Voltage [V]: -
Life Time: > 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 78	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 3.2
Nominal power [W]: 27	Colour temperature [K]: 3000
Nominal luminous [Lm]: 3100	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 12°	MacAdam Step: 2

Polar

Imax=29103 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	0.4	5826	7276
32000	4	0.8	1456	1819
	6	1.3	647	808
0°	8	1.7	364	455
α=12°				