

Last information update: May 2018

**large body - warm white - ssp 6° optic****Product code**

P947

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. 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. Optical assembly made up of 7 LED lamps in a warm white tone 3000K CRI90, and single chip technology, to obtain a super spot cone of light. DALI ballast integrated in the cylinder.

Installation

On an electrified track

Dimension (mm)

Ø142x293

Colour

White (01) | Black (04)

Weight (Kg)

3.45

Mounting

three circuit track

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

**Product configuration: P947****Product characteristics**

Total lighting output [Lm]: 1155
Total power [W]: 22.7
Luminous efficacy [Lm/W]: 50.9
Life Time: 50,000h - L90 - B10 (Ta 25°C)

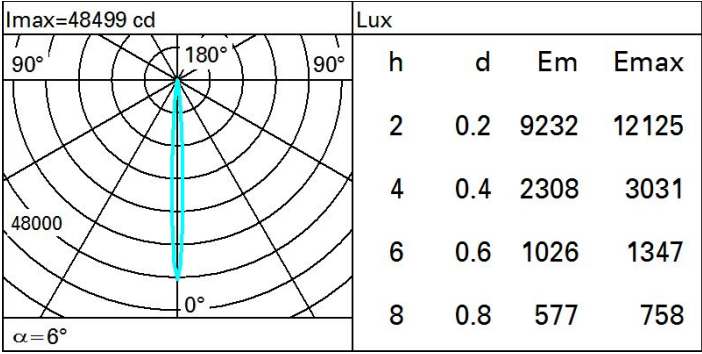
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 77
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 19
Nominal luminous [Lm]: 1500
Lamp maximum intensity [cd]: /
Beam angle [°]: 6°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.7
Colour temperature [K]: 3000
CRI: 95
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	62	62	60	77
1.0	72	69	67	65	68	66	66	63	82
1.5	76	73	71	70	73	71	70	68	88
2.0	78	77	75	74	75	74	73	71	92
2.5	80	78	77	76	77	76	76	73	95
3.0	81	80	79	78	79	78	77	75	97
4.0	82	81	81	80	80	79	78	76	99
5.0	82	82	81	81	80	80	79	77	100

Luminance curve limit

