

Last information update: May 2018

**spotlight - warm white 6° optic****Product code**
P099**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 with a thermoplastic material lens that creates a very narrow cone of light and excellent light intensity.

Installation

on an electrified track or special base

Dimension (mm)

Ø92x185

Colour

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

Weight (Kg)

0.95

Mounting

three circuit track

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

**Product configuration: P099****Product characteristics**

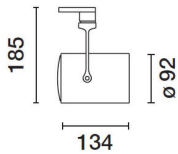
Total lighting output [Lm]: 259
Total power [W]: 5.7
Luminous efficacy [Lm/W]: 45.5
Number of optical assemblies: 1

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

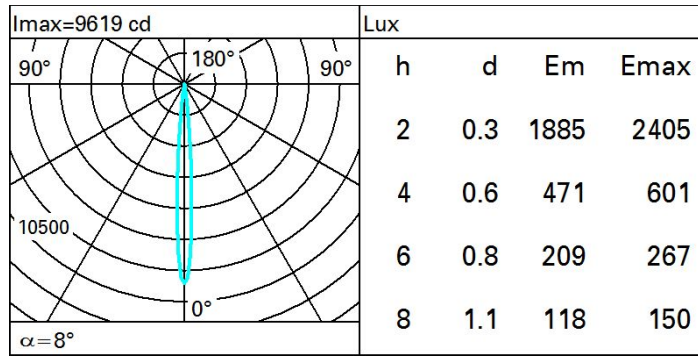
Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 54
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 5.7
Nominal luminous [Lm]: 480
Lamp maximum intensity [cd]: /
Beam angle [°]: 8°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3



Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	48	46	44	42	45	43	43	41	77
1.0	50	48	46	45	47	46	46	44	81
1.5	53	51	50	49	51	49	49	47	87
2.0	55	53	52	51	53	52	51	50	92
2.5	56	55	54	53	54	53	53	51	95
3.0	57	56	55	55	55	54	54	52	97
4.0	57	57	56	56	56	55	55	53	99
5.0	58	57	57	57	56	56	55	54	100

Luminance curve limit

