Tecnica Pro

Design iGuzzini **iGuzzini**

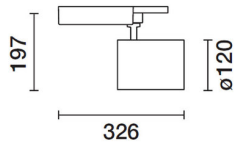
Last information update: May 2018

spotlight - warm white superspot 5° optic

Product code
P611

Technical description
Adjustable spotlight with adapter for installation on mains voltage track for LED source. The luminaire is made of die-cast aluminium and thermoplastic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Optical assembly consisting of Warm White 3000K COB LEDs with high colour rendering, with OPTI BEAM LENS technology, well-defined superspot light beam. Electronic control gear housed inside the track-mounted power supply box. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

Installation
The luminaire can be installed on a standard electrified track or on an appropriate channel incorporating an electrified track.



Dimension (mm)
Ø120x197

Colour
White (01) | Black (04)

Weight (Kg)
1.9

Mounting
three circuit track|ceiling surface

Wiring
product inclusive of electronic components incorporated into the track-mounted box.

Complies with EN60598-1 and pertinent regulations

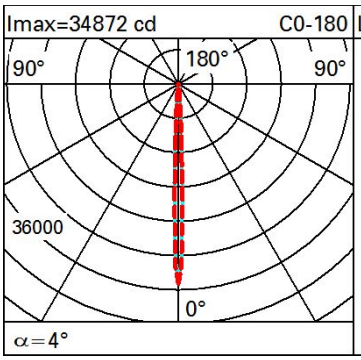
IP20 IP40 for optical assembly

Product configuration: P611

Product characteristics
Total lighting output [Lm]: 418
Total power [W]: 13.1
Luminous efficacy [Lm/W]: 31.9
Life Time: 50,000h - L80 - 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.) [%]: 55
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 10
Nominal luminous [Lm]: 760
Lamp maximum intensity [cd]: /
Beam angle [°]: 4°
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 3.1
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Lux

h	d1	d2	Em	Emax
2	0.1	0.1	6843	8718
4	0.3	0.3	1711	2180
6	0.4	0.4	760	969
8	0.6	0.6	428	545

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	46	44	43	46	44	44	42	76
1.0	51	49	47	46	48	47	46	45	81
1.5	54	52	51	49	51	50	50	48	87
2.0	56	54	53	52	54	53	52	50	92
2.5	57	56	55	54	55	54	54	52	95
3.0	58	57	56	56	56	55	55	53	97
4.0	58	58	57	57	57	56	56	54	99
5.0	59	58	58	58	57	57	56	55	100

Luminance curve limit