iSight

Design iGuzzini   **iGuzzini**
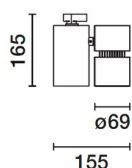
Last information update: May 2018

large body - warm white - medium optic

Product code
N345

Technical description
Adjustable spotlight with adapter for installation on mains voltage track for high-performance LED source with CoB technology, with monochromatic Warm White (3000K) CRI90 emission. Product inclusive of medium optic reflector. The luminaire is made up of two die-cast aluminium cylinders. One cylinder houses the electronic components, while the other houses the optical assembly. Features 360° rotation around the vertical axis and 90° inclination with respect to the horizontal axis. The product is equipped with mechanical locking devices to facilitate aiming. Passive cooling system. A series of flat accessories can be installed, including refractor for elliptical distribution, soft lens, baffle and diffusion filter, as well as one of the following external accessories: anti-glare screen, wall-washer screen and cross baffle.

Installation
Mounted on electrified track or on base

Dimension (mm)
Ø69x165

Colour
White (01) | Black (04)

Weight (Kg)
1.1

Mounting
three circuit track|ceiling surface

Wiring
Product inclusive of electronic components

Complies with EN60598-1 and pertinent regulations

IP20   IP40   for optical assembly

Product configuration: N345

Product characteristics

Total lighting output [Lm]: 2457	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 27.8	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 88.4	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.) [%]: 82	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 2.8
Nominal power [W]: 25	Colour temperature [K]: 3000
Nominal luminous [Lm]: 3000	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 26°	MacAdam Step: 2

Polar

Imax=6783 cd		Lux			
		h	d	Em	Emax
180°		2	0.9	1314	1696
90° / 90°		4	1.8	329	424
7500		6	2.8	146	188
0°		8	3.7	82	106
α=26°					