

View Opti Linear

Design iGuzzini / Arup

iGuzzini

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large body - warm white - white flood optic

Product code
P003

Technical description

Adjustable spotlight with adapter for installation on electrified track for a linear PCB LED lamp with a Warm White (3000K) tone. Product complete with super pure anodized aluminium reflector to guarantee wide flood light distribution. Electronic ballast integrated in the body. Die-cast aluminium optical assembly. Rotates 360° about the vertical axis and tilts 90° relative to the horizontal plane. Passive heat dissipation. Option of installing a range of outdoor accessories including an anti-glare and an asymmetric screen.

Installation

On an electrified track or base

Dimension (mm)

210x146

Colour

Black (04) | Black/White (47)

Weight (Kg)

2.11

Mounting

three circuit track|ceiling surface

Wiring

Product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly



Product configuration: P003

Product characteristics

Total lighting output [Lm]: 2699.7
Total power [W]: 48.1
Luminous efficacy [Lm/W]: 56.1
Life Time: 50,000h - L80 - B10 (Ta 25°C)

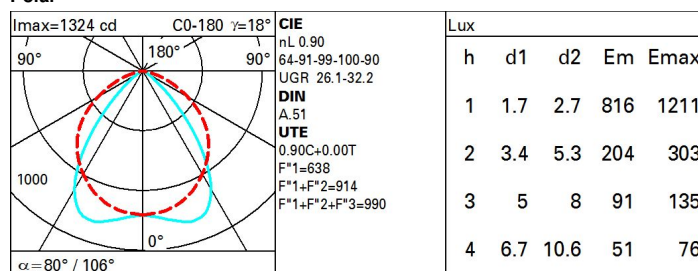
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 90
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 43
Nominal luminous [Lm]: 3000
Lamp maximum intensity [cd]: /
Beam angle [°]: 80° / 106°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 5.1
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 2

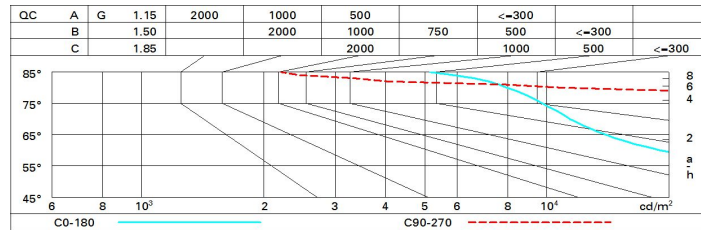
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 66 | 58 | 53 | 48 | 57 | 52 | 51 | 46 | 52 |
| 1.0 | 72 | 65 | 59 | 55 | 63 | 59 | 58 | 53 | 59 |
| 1.5 | 80 | 74 | 70 | 66 | 73 | 69 | 68 | 64 | 71 |
| 2.0 | 85 | 80 | 77 | 74 | 79 | 76 | 75 | 70 | 78 |
| 2.5 | 87 | 84 | 81 | 78 | 82 | 80 | 79 | 75 | 83 |
| 3.0 | 89 | 86 | 84 | 82 | 85 | 82 | 81 | 77 | 86 |
| 4.0 | 91 | 89 | 87 | 85 | 87 | 85 | 84 | 81 | 90 |
| 5.0 | 92 | 91 | 89 | 87 | 89 | 87 | 86 | 82 | 92 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 3000 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|--------|------|------|-------------------|------|--------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 25.5 | 26.4 | 25.8 | 26.6 | 26.9 | 30.8 | 31.7 | 31.1 | 32.0 | 32.2 |
| | 3H | 25.4 | 26.2 | 25.8 | 26.5 | 26.8 | 30.9 | 31.7 | 31.2 | 31.9 | 32.2 |
| | 4H | 25.4 | 26.1 | 25.7 | 26.4 | 26.7 | 30.8 | 31.5 | 31.2 | 31.8 | 32.2 |
| | 6H | 25.3 | 26.0 | 25.7 | 26.3 | 26.7 | 30.7 | 31.4 | 31.1 | 31.7 | 32.1 |
| | 8H | 25.3 | 26.0 | 25.7 | 26.3 | 26.6 | 30.7 | 31.3 | 31.1 | 31.7 | 32.0 |
| | 12H | 25.3 | 25.9 | 25.7 | 26.2 | 26.6 | 30.7 | 31.3 | 31.0 | 31.6 | 32.0 |
| 4H | 2H | 26.2 | 26.9 | 26.5 | 27.2 | 27.5 | 32.1 | 32.8 | 32.4 | 33.1 | 33.4 |
| | 3H | 26.2 | 26.8 | 26.6 | 27.1 | 27.5 | 32.3 | 32.9 | 32.7 | 33.2 | 33.6 |
| | 4H | 26.1 | 26.7 | 26.5 | 27.1 | 27.4 | 32.3 | 32.8 | 32.7 | 33.2 | 33.6 |
| | 6H | 26.1 | 26.6 | 26.5 | 27.0 | 27.4 | 32.2 | 32.7 | 32.6 | 33.1 | 33.5 |
| | 8H | 26.1 | 26.5 | 26.5 | 26.9 | 27.4 | 32.2 | 32.6 | 32.6 | 33.0 | 33.5 |
| | 12H | 26.0 | 26.4 | 26.5 | 26.8 | 27.3 | 32.1 | 32.5 | 32.6 | 33.0 | 33.4 |
| 8H | 4H | 26.3 | 26.8 | 26.8 | 27.2 | 27.6 | 32.4 | 32.8 | 32.8 | 33.2 | 33.7 |
| | 6H | 26.3 | 26.7 | 26.8 | 27.1 | 27.6 | 32.4 | 32.7 | 32.8 | 33.2 | 33.7 |
| | 8H | 26.3 | 26.6 | 26.8 | 27.0 | 27.5 | 32.3 | 32.6 | 32.8 | 33.1 | 33.6 |
| | 12H | 26.2 | 26.5 | 26.7 | 27.0 | 27.5 | 32.3 | 32.6 | 32.8 | 33.1 | 33.6 |
| 12H | 4H | 26.3 | 26.7 | 26.8 | 27.2 | 27.6 | 32.3 | 32.7 | 32.8 | 33.2 | 33.6 |
| | 6H | 26.3 | 26.6 | 26.8 | 27.1 | 27.6 | 32.3 | 32.6 | 32.8 | 33.1 | 33.6 |
| | 8H | 26.3 | 26.6 | 26.8 | 27.0 | 27.6 | 32.3 | 32.6 | 32.8 | 33.1 | 33.6 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | | 1.6 | / -3.0 | | | | 0.4 | / -0.4 | | |
| | 1.5H | | 2.6 | / -5.2 | | | | 0.6 | / -1.2 | | |
| | 2.0H | | 3.8 | / -6.5 | | | | 1.5 | / -1.6 | | |