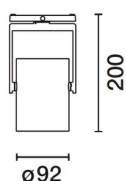


Front Light

Design iGuzzini

iGuzzini

Last information update: May 2018



Pendant - Warm White - Flood Optic

Product code
N274

Technical description

Pendant luminaire equipped with a three-phase adapter for electrified tracks or a base, made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (during maintenance operations too). Luminaire for high output C.O.B. technology LED lamp with monochrome emission in a warm white colour tone (3000K) CRI 90. Flood optic. Equipped with electronic ballast. Equipped with an accessory holding ring designed to contain a flat accessory. An external component may also be applied, such as directional flaps with 360° rotation.

Installation

On an electrified track or base

Dimension (mm)
Ø92x200

Colour
White (01) | Black (04)

Weight (Kg)
1.15

Mounting

three circuit track pendant|ceiling surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly



Product configuration: N274

Product characteristics

Total lighting output [Lm]: 1357
Total power [W]: 15.4
Luminous efficacy [Lm/W]: 88.1
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

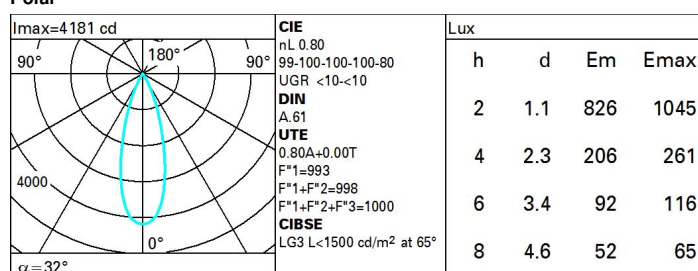
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 80
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 14
Nominal luminous [Lm]: 1700
Lamp maximum intensity [cd]: /
Beam angle [°]: 32°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.4
Colour temperature [K]: 3000
CRI: 90
Wavelength [nm]: /
MacAdam Step: 2

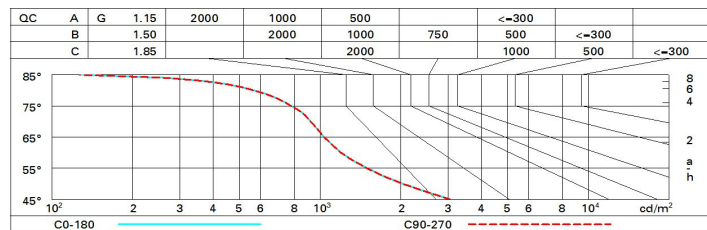
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 72 | 68 | 66 | 64 | 68 | 65 | 65 | 62 | 78 |
| 1.0 | 75 | 72 | 69 | 67 | 71 | 69 | 68 | 66 | 83 |
| 1.5 | 79 | 76 | 74 | 73 | 75 | 74 | 73 | 71 | 88 |
| 2.0 | 81 | 79 | 78 | 77 | 78 | 77 | 76 | 74 | 93 |
| 2.5 | 83 | 81 | 80 | 79 | 80 | 79 | 78 | 76 | 96 |
| 3.0 | 84 | 83 | 82 | 81 | 82 | 81 | 80 | 78 | 98 |
| 4.0 | 85 | 84 | 84 | 83 | 83 | 82 | 81 | 79 | 99 |
| 5.0 | 85 | 85 | 84 | 84 | 83 | 83 | 82 | 80 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1700 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|-------------|------|------|------|-------------------|-------------|------|------|------|------|
| Riflect.: ceil/cav walls work pl. Room dim x y | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| viewed crosswise | | | | | | viewed endwise | | | | | |
| 2H | 2H | 0.8 | 7.3 | 7.1 | 7.6 | 7.8 | 0.8 | 7.3 | 7.1 | 7.6 | 7.8 |
| | 3H | 0.8 | 7.3 | 7.1 | 7.5 | 7.8 | 0.7 | 7.2 | 7.0 | 7.5 | 7.7 |
| | 4H | 0.7 | 7.2 | 7.1 | 7.5 | 7.8 | 0.6 | 7.1 | 7.0 | 7.4 | 7.7 |
| | 6H | 0.7 | 7.1 | 7.0 | 7.4 | 7.8 | 0.6 | 7.0 | 6.9 | 7.3 | 7.6 |
| | 8H | 0.7 | 7.1 | 7.0 | 7.4 | 7.7 | 0.5 | 7.0 | 6.9 | 7.3 | 7.6 |
| | 12H | 0.6 | 7.0 | 7.0 | 7.4 | 7.7 | 0.5 | 6.9 | 6.9 | 7.2 | 7.6 |
| 4H | 2H | 0.6 | 7.1 | 7.0 | 7.4 | 7.7 | 0.7 | 7.2 | 7.1 | 7.5 | 7.8 |
| | 3H | 0.7 | 7.0 | 7.0 | 7.4 | 7.7 | 0.7 | 7.1 | 7.1 | 7.4 | 7.8 |
| | 4H | 0.6 | 7.0 | 7.0 | 7.3 | 7.7 | 0.6 | 7.0 | 7.0 | 7.3 | 7.7 |
| | 6H | 0.6 | 6.9 | 7.0 | 7.3 | 7.7 | 0.6 | 6.9 | 7.0 | 7.3 | 7.7 |
| | 8H | 0.6 | 6.9 | 7.0 | 7.3 | 7.7 | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 |
| | 12H | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 | 0.5 | 6.8 | 7.0 | 7.2 | 7.6 |
| 8H | 4H | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 | 0.6 | 6.9 | 7.0 | 7.3 | 7.7 |
| | 6H | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 |
| | 8H | 0.5 | 6.7 | 7.0 | 7.2 | 7.7 | 0.5 | 6.7 | 7.0 | 7.2 | 7.7 |
| | 12H | 0.4 | 6.6 | 6.9 | 7.1 | 7.6 | 0.5 | 6.6 | 7.0 | 7.1 | 7.6 |
| 12H | 4H | 0.5 | 6.8 | 7.0 | 7.2 | 7.6 | 0.5 | 6.8 | 7.0 | 7.2 | 7.7 |
| | 6H | 0.5 | 6.7 | 7.0 | 7.1 | 7.6 | 0.5 | 6.7 | 7.0 | 7.1 | 7.6 |
| | 8H | 0.5 | 6.6 | 7.0 | 7.1 | 7.6 | 0.4 | 6.6 | 6.9 | 7.1 | 7.6 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 5.7 / -5.7 | | | | | 5.7 / -5.7 | | | | |
| | 1.5H | 8.4 / -6.5 | | | | | 8.4 / -6.5 | | | | |
| | 2.0H | 10.4 / -6.9 | | | | | 10.4 / -6.9 | | | | |