Design iGuzzini

iGuzzini

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# pendant - Warm White - Spot Optic

#### Product code

N279

#### 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. Spot 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.



On an electrified track or base

#### Dimension (mm)

Ø116x250

#### Colour

White (01) | Black (04)

#### Weight (Kg)

1.7

#### Mounting

three circuit track pendant|ceiling surface

#### Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20



for optical assembly











#### Product configuration: N279

### Product characteristics

Total lighting output [Lm]: 2342 Total power [W]: 30.2 Luminous efficacy [Lm/W]: 77.6

Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Emergency luminous flux [Lm]: / Voltage [V]: -

Number of optical assemblies: 1

# Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 78

Lamp code: LED ZVEI Code: LED Nominal power [W]: 28 Nominal luminous [Lm]: 3000 Lamp maximum intensity [cd]: / Beam angle [°]: 12° Number of lamps for optical assembly: 1

Total luminous flux at or above an angle of 90° [Lm]: 0

Socket: /

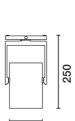
Ballast losses [W]: 2.2 Colour temperature [K]: 3000

CRI: 90

Wavelength [Nm]: / MacAdam Step: 2

# Polar

| Imax=28164 cd | CIE                                     | Lux |     |      |      |
|---------------|---|-----|-----|------|------|
|               | nL 0.78<br>99-100-100-100-78            | h   | d   | Em   | Emax |
|               | UGR <10-<10<br>DIN<br>A.61<br>UTE       | 2   | 0.4 | 5638 | 7041 |
|               | 0.78A+0.00T<br>F"1=993                  | 4   | 0.8 | 1409 | 1760 |
| 32000         | F"1+F"2=998<br>F"1+F"2+F"3=999<br>CIBSE | 6   | 1.3 | 626  | 782  |
| α=12°         | LG3 L<1500 cd/m <sup>2</sup> at 65°     | 8   | 1.7 | 352  | 440  |



ø116

#### **Utilisation factors**

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 70 | 67 | 64 | 62 | 66 | 64 | 63 | 61 | 78  |
| 1.0  | 73 | 70 | 68 | 66 | 69 | 67 | 67 | 64 | 83  |
| 1.5  | 77 | 75 | 73 | 71 | 74 | 72 | 71 | 69 | 88  |
| 2.0  | 79 | 78 | 76 | 75 | 77 | 75 | 74 | 72 | 93  |
| 2.5  | 81 | 80 | 79 | 78 | 78 | 77 | 77 | 75 | 96  |
| 3.0  | 82 | 81 | 80 | 79 | 80 | 79 | 78 | 76 | 98  |
| 4.0  | 83 | 82 | 82 | 81 | 81 | 80 | 79 | 77 | 99  |
| 5.0  | 83 | 83 | 82 | 82 | 82 | 81 | 80 | 78 | 100 |

## Luminance curve limit

| QC  | Α     | G   | 1.15 | 2 | 000 |   | 10 | 000 | 500             |     |               | <=30 | 00 |                   |                   |
|-----|-------|-----|------|---|-----|---|----|-----|-----------------|-----|---------------|------|----|-------------------|-------------------|
|     | В     |     | 1.50 |   |     |   | 20 | 000 | 1000            |     | 750           | 500  | )  | <=300             |                   |
|     | С     |     | 1.85 |   |     |   |    |     | 2000            |     |               | 100  | 0  | 500               | <=300             |
|     |       |     | 90   |   |     | _ |    |     |                 | _   | /             |      |    |                   |                   |
| 85° |       |     |      |   |     |   |    |     | 1               |     |               |      |    |                   | 3 6               |
| 75° |       |     |      |   |     |   |    |     | 1               |     |               |      |    |                   | _ 4               |
| /5- |       |     |      |   |     |   |    |     |                 |     | 7             |      | /  |                   |                   |
| 65° |       |     |      |   |     |   |    |     | 1               |     |               |      | _  |                   |                   |
| 03  |       |     |      |   |     |   |    |     | /               | / / |               |      | _  |                   | - 4               |
| 55° |       |     |      |   | _   |   |    |     |                 |     | $\rightarrow$ |      | 1  |                   | :                 |
| 55  |       |     |      |   |     |   |    |     |                 |     |               |      | `  |                   |                   |
| 45° |       |     |      |   |     |   |    |     |                 | -   |               |      |    |                   |                   |
| 10  | 2     |     | 2    | 3 | 4   | 5 | 6  | 8   | 10 <sup>3</sup> | 2   | 3             | 4 5  | 6  | 8 10 <sup>4</sup> | cd/m <sup>2</sup> |
|     | 0-180 | ) - |      |   |     |   | _  |     |                 | C90 | -270          |      |    |                   |                   |

| : / / I. ddim y 2H 3H 4H 6H 12H 2H 3H 4H 4H 6H 8H 12H | 0.70<br>0.50<br>0.20<br>1.7<br>2.2<br>2.5<br>2.9<br>2.9<br>3.0<br>1.8<br>2.6<br>2.8 | 0.70<br>0.30<br>0.20<br>3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0 | 0.50<br>0.50<br>0.20<br>viewed<br>crosswis<br>2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4 |  | 0.30<br>0.30<br>0.20<br>4.4<br>4.3<br>4.3<br>4.3<br>4.5<br>4.7  | 0.70<br>0.50<br>0.20<br>1.7<br>1.7<br>1.8<br>1.8<br>1.8<br>1.7  | 0.70<br>0.30<br>0.20<br>3.7<br>3.2<br>2.9<br>2.7<br>2.7<br>2.7  | 0.50<br>0.50<br>0.20<br>viewed<br>endwise<br>2.0<br>2.1<br>2.2<br>2.2<br>2.2<br>2.1   |  | 0.30<br>0.30<br>0.20<br>4.4<br>3.8<br>3.6<br>3.3<br>3.4<br>3.4   |
|---|---|--|--|--|---|---|---|---|--|--|
| 2H<br>3H<br>4H<br>6H<br>12H<br>2H<br>3H<br>4H         | 1.7<br>2.2<br>2.5<br>2.9<br>2.9<br>3.0  | 3.7<br>3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0                  | 0.50<br>0.20<br>viewed<br>crosswis<br>2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4         | 0.30<br>0.20<br>e<br>4.1<br>4.0<br>4.0<br>4.0<br>4.2<br>4.3  | 0.30<br>0.20<br>4.4<br>4.3<br>4.3<br>4.3<br>4.5<br>4.7  | 0.50<br>0.20<br>1.7<br>1.7<br>1.8<br>1.8<br>1.8   | 3.7<br>3.2<br>2.9<br>2.7<br>2.7   | 0.50<br>0.20<br>viewed<br>endwise<br>2.0<br>2.1<br>2.2<br>2.2<br>2.2  | 0.30<br>0.20<br>4.1<br>3.5<br>3.2<br>3.0<br>3.0<br>3.1   | 0.30<br>0.20<br>4.4<br>3.8<br>3.6<br>3.3<br>3.4<br>3.4   |
| 2H<br>3H<br>4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H   | 1.7<br>2.2<br>2.5<br>2.9<br>2.9<br>3.0  | 3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0                         | 0.20<br>viewed<br>crosswis<br>2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4                 | 0.20<br>e<br>4.1<br>4.0<br>4.0<br>4.0<br>4.2<br>4.3  | 0.20<br>4.4<br>4.3<br>4.3<br>4.3<br>4.5<br>4.7  | 1.7<br>1.7<br>1.8<br>1.8<br>1.8   | 3.7<br>3.2<br>2.9<br>2.7<br>2.7   | 0.20<br>viewed<br>endwise<br>2.0<br>2.1<br>2.2<br>2.2<br>2.2  | 0.20<br>4.1<br>3.5<br>3.2<br>3.0<br>3.0<br>3.1   | 0.20<br>4.4<br>3.8<br>3.6<br>3.3<br>3.4<br>3.4   |
| 2H<br>3H<br>4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H   | 1.7<br>2.2<br>2.5<br>2.9<br>2.9<br>3.0  | 3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0                         | 2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4<br>2.2<br>3.0                                 | 4.1<br>4.0<br>4.0<br>4.0<br>4.2<br>4.3   | 4.4<br>4.3<br>4.3<br>4.3<br>4.5<br>4.7  | 1.7<br>1.7<br>1.8<br>1.8<br>1.8   | 3.7<br>3.2<br>2.9<br>2.7<br>2.7   | 2.0<br>2.1<br>2.2<br>2.2<br>2.2<br>2.1  | 4.1<br>3.5<br>3.2<br>3.0<br>3.0<br>3.1   | 4.4<br>3.8<br>3.6<br>3.3<br>3.4  |
| 2H<br>3H<br>4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H   | 2.2<br>2.5<br>2.9<br>2.9<br>3.0<br>1.8<br>2.6                                       | 3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0                         | 2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4<br>2.2<br>3.0                                 | 4.1<br>4.0<br>4.0<br>4.0<br>4.2<br>4.3   | 4.3<br>4.3<br>4.3<br>4.5<br>4.7   | 1.7<br>1.8<br>1.8<br>1.8<br>1.7   | 3.7<br>3.2<br>2.9<br>2.7<br>2.7<br>2.7  | 2.0<br>2.1<br>2.2<br>2.2<br>2.2<br>2.2  | 4.1<br>3.5<br>3.2<br>3.0<br>3.0<br>3.1   | 3.6<br>3.6<br>3.6<br>3.6   |
| 2H<br>3H<br>4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H   | 2.2<br>2.5<br>2.9<br>2.9<br>3.0<br>1.8<br>2.6                                       | 3.7<br>3.7<br>3.7<br>3.7<br>3.8<br>4.0                         | 2.0<br>2.6<br>2.9<br>3.2<br>3.3<br>3.4   | 4.1<br>4.0<br>4.0<br>4.0<br>4.2<br>4.3   | 4.3<br>4.3<br>4.3<br>4.5<br>4.7   | 1.7<br>1.8<br>1.8<br>1.8<br>1.7   | 3.7<br>3.2<br>2.9<br>2.7<br>2.7<br>2.7  | 2.0<br>2.1<br>2.2<br>2.2<br>2.2<br>2.1  | 4.1<br>3.5<br>3.2<br>3.0<br>3.0<br>3.1   | 3.6<br>3.6<br>3.6<br>3.6   |
| 3H<br>4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H         | 2.2<br>2.5<br>2.9<br>2.9<br>3.0<br>1.8<br>2.6                                       | 3.7<br>3.7<br>3.7<br>3.8<br>4.0                                | 2.6<br>2.9<br>3.2<br>3.3<br>3.4<br>2.2<br>3.0  | 4.0<br>4.0<br>4.0<br>4.2<br>4.3  | 4.3<br>4.3<br>4.3<br>4.5<br>4.7   | 1.7<br>1.8<br>1.8<br>1.8<br>1.7   | 3.2<br>2.9<br>2.7<br>2.7<br>2.7   | 2.1<br>2.2<br>2.2<br>2.2<br>2.1   | 3.5<br>3.2<br>3.0<br>3.0<br>3.1  | 3.6<br>3.6<br>3.6<br>3.6   |
| 4H<br>6H<br>8H<br>12H<br>2H<br>3H<br>4H               | 2.5<br>2.9<br>2.9<br>3.0<br>1.8<br>2.6  | 3.7<br>3.7<br>3.8<br>4.0<br>2.9<br>3.5                         | 2.9<br>3.2<br>3.3<br>3.4<br>2.2<br>3.0   | 4.0<br>4.0<br>4.2<br>4.3   | 4.3<br>4.3<br>4.5<br>4.7  | 1.8<br>1.8<br>1.8<br>1.7  | 2.9<br>2.7<br>2.7<br>2.7  | 2.2<br>2.2<br>2.2<br>2.1  | 3.2<br>3.0<br>3.0<br>3.1   | 3.6<br>3.3<br>3.4<br>3.4   |
| 6H<br>8H<br>12H<br>2H<br>3H<br>4H                     | 2.9<br>2.9<br>3.0<br>1.8<br>2.6   | 3.7<br>3.8<br>4.0<br>2.9<br>3.5                                | 3.2<br>3.3<br>3.4<br>2.2<br>3.0  | 4.0<br>4.2<br>4.3  | 4.3<br>4.5<br>4.7   | 1.8<br>1.8<br>1.7   | 2.7<br>2.7<br>2.7   | 2.2<br>2.2<br>2.1   | 3.0<br>3.0<br>3.1  | 3.4<br>3.4   |
| 8H<br>12H<br>2H<br>3H<br>4H                           | 2.9<br>3.0<br>1.8<br>2.6  | 3.8<br>4.0<br>2.9<br>3.5                                       | 3.3<br>3.4<br>2.2<br>3.0   | 4.2<br>4.3<br>3.2  | 4.5<br>4.7<br>3.6   | 1.8<br>1.7  | 2.7<br>2.7  | 2.2   | 3.0  | 3.4  |
| 12H<br>2H<br>3H<br>4H                                 | 3.0<br>1.8<br>2.6   | 4.0<br>2.9<br>3.5  | 3.4<br>2.2<br>3.0  | 3.2  | 3.6   | 1.7   | 2.7   | 2.1   | 3.1  | 3.4  |
| 2H<br>3H<br>4H  | 1.8   | 2.9  | 2.2  | 3.2  | 3.6   | 2000  | 200   | 2000  | 777  | 1000   |
| 3H<br>4H  | 2.6   | 3.5  | 3.0  |  |   | 2.5   | 3.7   | 2.9   | 4.0  | 4.3  |
| 4H  | V48335  |  |  | 39   |   |   |   |   |  |  |
|   | 2.8   | 40   |  | 0.0  | 4.3   | 2.8   | 3.8   | 3.2   | 4.1  | 4.5  |
| 211   |   | 4.0  | 3.3  | 4.4  | 4.8   | 2.8   | 4.0   | 3.3   | 4.4  | 4.8  |
| 6H  | 3.0   | 4.8  | 3.5  | 5.2  | 5.7   | 2.7   | 4.5   | 3.2   | 4.9  | 5.4  |
| HS  | 3.1   | 5.0  | 3.6  | 5.5  | 6.0   | 2.7   | 4.6   | 3.1   | 5.1  | 5.6  |
| 12H   | 3.2   | 5.2  | 3.7  | 5.6  | 6.2   | 2.6   | 4.6   | 3.1   | 5.0  | 5.6  |
| 4H  | 2.7   | 4.6  | 3.1  | 5.1  | 5.6   | 3.1   | 5.0   | 3.6   | 5.5  | 6.0  |
| 6H  | 3.2   | 4.9  | 3.7  | 5.4  | 5.9   | 3.4   | 5.1   | 3.9   | 5.6  | 6.   |
| H8  | 3.5   | 4.9  | 4.1  | 5.4  | 6.0   | 3.5   | 4.9   | 4.1   | 5.4  | 6.0  |
| 12H   | 4.0   | 4.8  | 4.5  | 5.3  | 5.8   | 3.9   | 4.6   | 4.4   | 5.1  | 5.7  |
| 4H  | 2.6   | 4.6  | 3.1  | 5.0  | 5.6   | 3.2   | 5.2   | 3.7   | 5.6  | 6.2  |
| 6H  | 3.3   | 4.7  | 8.8  | 5.2  | 5.7   | 3.6   | 5.0   | 4.1   | 5.5  | 6.0  |
| HS  | 3.9   | 4.6  | 4.4  | 5.1  | 5.7   | 4.0   | 4.8   | 4.5   | 5.3  | 5.8  |
|   | th the ol   | Charles Constitution .   |  | A CONTRACTOR OF THE PARTY OF TH | ng:   |   |   |   |  |  |
| 1.0H  |   |  |  |  |   |   |   |   |  |  |
|   |   | 3  | 3.3 / -1   | .4   |   |   | 3   | .3 / -1.  | .4   |  |
| 0   | 6H<br>8H<br>ns wi<br>.0H  | 6H 3.3<br>8H 3.9<br>ns with the o                              | 6H 3.3 4.7<br>8H 3.9 4.6<br>ns with the observer p<br>.0H 1<br>.5H 3                 | 0H 3.3 4.7 3.8<br>8H 3.9 4.6 4.4<br>ns with the observer position a.0H 1.5 / -1<br>.5H 3.3 / -1  | 0H 3.3 4.7 3.8 5.2<br>8H 3.9 4.6 4.4 5.1<br>ns with the observer position at spacin<br>.0H 1.5 / -1.2<br>.5H 3.3 / -1.4 | 0H 3.3 4.7 3.8 5.2 5.7 8H 3.9 4.6 4.4 5.1 5.7 ens with the observer position at spacing: 0.0H 1.5 / -1.2 5.9 3.3 / -1.4 | 0H 3.3 4.7 3.8 5.2 5.7 3.6 8H 3.9 4.6 4.4 5.1 5.7 4.0   ns with the observer position at spacing:  .0H 1.5 / -1.2  .5H 3.3 / -1.4 | 0H 3.3 4.7 3.8 5.2 5.7 3.6 5.0 8H 3.9 4.6 4.4 5.1 5.7 4.0 4.8 ns with the observer position at spacing: 0H 1.5 / -1.2 1 5H 3.3 / -1.4 3 | 0H 3.3 4.7 3.8 5.2 5.7 3.6 5.0 4.1 8H 3.9 4.0 4.4 5.1 5.7 4.0 4.8 4.5<br>ns with the observer position at spacing: 1.5 / -1.2 1.5 / -1.5 | 0H     3.3     4.7     3.8     5.2     5.7     3.6     5.0     4.1     5.5       8H     3.9     4.6     4.4     5.1     5.7     4.0     4.8     4.5     5.3       ns with the observer position at spacing:       .0H     1.5 / -1.2     1.5 / -1.2     1.5 / -1.2       .5H     3.3 / -1.4     3.3 / -1.4 |