# iSign

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**Product configuration: 6788+9400.15+9401.15**
6788: Diffused light luminaire - Neutral LED - Electronic Control Gear
9400.15: Pair of plastic brackets for ceiling/wall application - plastic material for ceiling/wall application - Grey
9401.15: 5-pole power supply strip - Grey


**Product code**
6788: Diffused light luminaire - Neutral LED - Electronic Control Gear **Attention! Code no longer in production**

**Technical description**
Diffused light luminaire, designed to use LED lamps. Anti UV-treated, polycarbonate, external body and end caps with a ribbed finish to contain any dazzle from direct light. The double cable gland provided allows max 15.5 mm Ø electric cables to be used. The end caps can be released using the stainless steel clips, so scheduled maintenance is tool-free. Complete with pass-through wiring for continuous line installations.

**Installation**
Horizontal or vertical, single or double pendant / surface (wall and ceiling) installation. For these various types of installation use the optional kits supplied.

| **Colour** | **Weight (Kg)** |
|---|---|
| Clear transparent (24) | 3.65 |

**Mounting**
wall surface|ceiling surface|ceiling pendant

**Wiring**
Electronic control gear integrated in the luminaire. Mains connection made with quick coupling terminal blocks.

Complies with EN60598-1 and pertinent regulations

IK08 IP67

**Accessory code**
9400.15: Pair of plastic brackets for ceiling/wall application - plastic material for ceiling/wall application - Grey

| **Colour** | **Weight (Kg)** |
|---|---|
| Grey (15) | 0.07 |

Complies with EN60598-1 and pertinent regulations

**Accessory code**
9401.15: 5-pole power supply strip - Grey

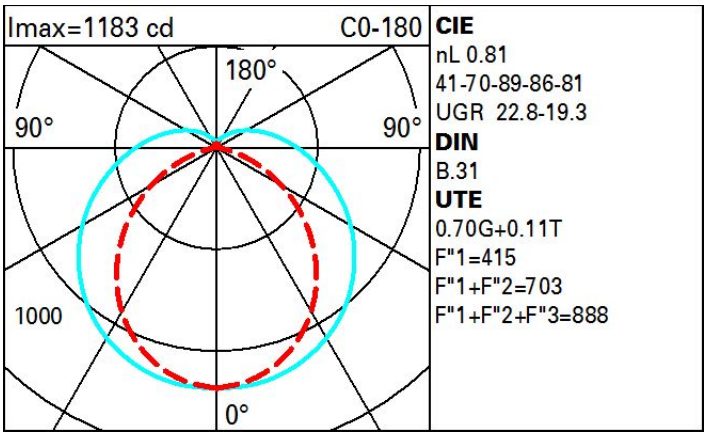
| **Colour** | **Weight (Kg)** |
|---|---|
| Grey (15) | 1.07 |

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 4415 | Colour temperature [K]: | 4000 |
| W system: | 36.2 | MacAdam Step: | 3 |
| lm source: | 5450 | Life Time LED 1: | 50,000h - L80 - B10 (Ta 25°C) |
| W source: | 32 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 121.9 | Number of lamps for optical assembly: | 1 |
| lm in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 613 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 81 | Intervallo temperatura ambiente: | from -20°C to 35°C. |
| CRI (minimum): | 80 | | |

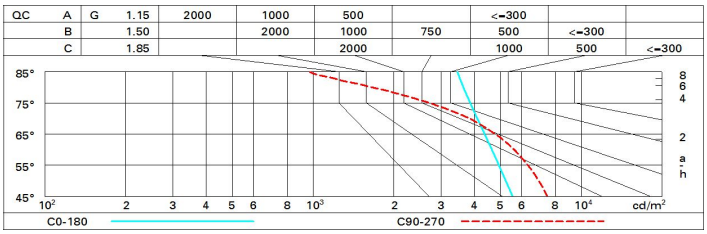
**Polar**




**Utilisation factors**

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|---|---|---|---|---|---|---|---|---|---|
| K0.8 | 49 | 40 | 34 | 29 | 37 | 32 | 31 | 24 | 35 |
| 1.0 | 54 | 45 | 39 | 34 | 43 | 37 | 36 | 29 | 41 |
| 1.5 | 62 | 54 | 49 | 44 | 51 | 46 | 44 | 37 | 53 |
| 2.0 | 66 | 60 | 55 | 51 | 57 | 53 | 50 | 43 | 62 |
| 2.5 | 69 | 64 | 60 | 56 | 60 | 57 | 54 | 47 | 67 |
| 3.0 | 71 | 67 | 63 | 59 | 63 | 60 | 57 | 50 | 71 |
| 4.0 | 74 | 70 | 67 | 64 | 66 | 64 | 60 | 54 | 77 |
| 5.0 | 76 | 73 | 70 | 67 | 69 | 66 | 63 | 56 | 80 |

**Luminance curve limit**



**UGR diagram**

Corrected UGR values (at 5450 lm bare lamp luminous flux)

| Riflect.: | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ceil/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | | | viewed | | | | | viewed | | |
| x | y | | | crosswise | | | | | endwise | | |
| 2H | 2H | 17.5 | 18.6 | 18.1 | 19.1 | 19.7 | 16.4 | 17.5 | 16.9 | 18.0 | 18.6 |
| | 3H | 19.5 | 20.4 | 20.0 | 21.0 | 21.6 | 16.9 | 17.9 | 17.5 | 18.4 | 19.0 |
| | 4H | 20.4 | 21.3 | 20.9 | 21.8 | 22.5 | 17.2 | 18.1 | 17.7 | 18.6 | 19.3 |
| | 6H | 21.3 | 22.1 | 21.9 | 22.7 | 23.4 | 17.3 | 18.1 | 17.9 | 18.7 | 19.4 |
| | 8H | 21.7 | 22.5 | 22.3 | 23.1 | 23.8 | 17.3 | 18.2 | 17.9 | 18.7 | 19.4 |
| | 12H | 22.1 | 22.9 | 22.7 | 23.5 | 24.2 | 17.3 | 18.1 | 17.9 | 18.7 | 19.4 |
| 4H | 2H | 18.0 | 19.0 | 18.6 | 19.5 | 20.1 | 17.6 | 18.5 | 18.2 | 19.1 | 19.7 |
| | 3H | 20.2 | 21.0 | 20.8 | 21.5 | 22.2 | 18.3 | 19.1 | 19.0 | 19.7 | 20.4 |
| | 4H | 21.2 | 21.9 | 21.9 | 22.6 | 23.3 | 18.8 | 19.5 | 19.4 | 20.1 | 20.8 |
| | 6H | 22.3 | 22.9 | 23.0 | 23.6 | 24.3 | 19.2 | 19.8 | 19.8 | 20.4 | 21.2 |
| | 8H | 22.8 | 23.4 | 23.5 | 24.1 | 24.8 | 19.3 | 19.9 | 20.0 | 20.6 | 21.3 |
| | 12H | 23.3 | 23.9 | 24.0 | 24.5 | 25.3 | 19.5 | 20.0 | 20.1 | 20.7 | 21.4 |
| 8H | 4H | 21.5 | 22.1 | 22.1 | 22.7 | 23.5 | 19.0 | 19.6 | 19.6 | 20.2 | 21.0 |
| | 6H | 22.8 | 23.2 | 23.4 | 23.9 | 24.7 | 19.6 | 20.1 | 20.3 | 20.8 | 21.6 |
| | 8H | 23.4 | 23.8 | 24.1 | 24.5 | 25.3 | 20.0 | 20.4 | 20.6 | 21.1 | 21.9 |
| | 12H | 24.1 | 24.5 | 24.8 | 25.2 | 26.0 | 20.3 | 20.7 | 21.0 | 21.4 | 22.2 |
| 12H | 4H | 21.5 | 22.0 | 22.1 | 22.7 | 23.4 | 19.0 | 19.5 | 19.6 | 20.2 | 20.9 |
| | 6H | 22.8 | 23.2 | 23.5 | 23.9 | 24.7 | 19.6 | 20.1 | 20.3 | 20.7 | 21.5 |
| | 8H | 23.5 | 23.9 | 24.2 | 24.6 | 25.4 | 20.0 | 20.4 | 20.7 | 21.1 | 21.9 |

Variations with the observer position at spacing:

| | | | |
|---|---|---|---|
| S = | 1.0H | 0.1 / -0.1 | 0.1 / -0.1 |
| | 1.5H | 0.2 / -0.2 | 0.2 / -0.4 |
| | 2.0H | 0.2 / -0.3 | 0.5 / -0.7 |