# iPlan

**Design iGuzzini** **iGuzzini**

Last information update: June 2024

**Product configuration: N268+9695.15**
N268: iplan - warm white - UGR<19 with L<3,000 cd/m2 for α≥65° - DALI
9695.15: Adapter for installation in plasterboard false ceilings - Grey

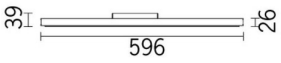
**Product code**
N268: iplan - warm white - UGR<19 with L<3,000 cd/m2 for α≥65° - DALI **Attention! Code no longer in production**

**Technical description**
Direct emission recessed or ceiling-mounted luminaire designed to use warm white 3000K high colour rendering LEDs. Anodised aluminium perimeter profile. The micro-prismatic diffuser screen, combined with an inner screen and diffusing film, allows optimum diffusion of the direct light and controlled luminance UGR<19 with L<3,000 cd/m2 for α≥65° ideal for environments where video monitors are used. The LEDs are arranged inside the perimeter and the DALI driver is housed in the product.

**Installation**
Recessed in plasterboard false ceilings (using accessory frame), in false ceilings with frame, in modular false ceilings (even 625 x 625 mm using accessory adapter); possibility of ceiling-mounting using kit to be ordered separately as an accessory

| **Colour** | **Weight (Kg)** |
|---|---|
| Aluminium (12) | 7.8 |

**Mounting**
ceiling pendant




**Wiring**
Product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

**Accessory code**
9695.15: Adapter for installation in plasterboard false ceilings - Grey

**Technical description**
Accessory for installation in plasterboard false ceiling for square versions

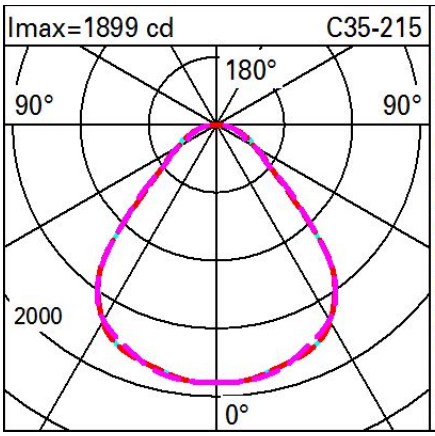
**Colour**
Aluminium (12)

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|---|---|---|---|
| lm system: | 3967 | Colour temperature [K]: | 3000 |
| W system: | 39.3 | MacAdam Step: | 3 |
| lm source: | 5750 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| W source: | 35 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 101 | 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]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 69 | Control: | DALI |
| CRI (minimum): | 80 | | |

**Polar**

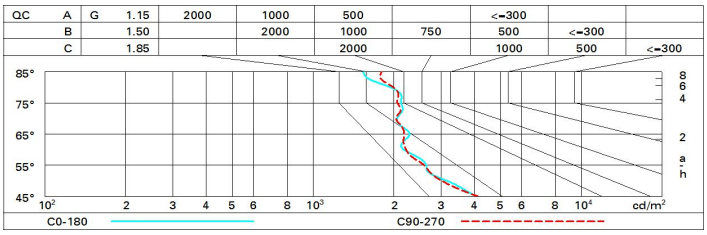



**CIE**
nL 0.69
65-89-97-100-69
UGR 18.1-17.5
**DIN**
A.51
**UTE**
0.69C+0.00T
F"1=648
F"1+F"2=886
F"1+F"2+F"3=971
**CIBSE**
LG3 L<3000 cd/m² at 65°
UGR<19 | L<3000 cd/mq @

**Utilisation factors**

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|---|---|---|---|---|---|---|---|---|---|
| K0.8 | 51 | 45 | 41 | 38 | 44 | 40 | 40 | 36 | 52 |
| 1.0 | 55 | 50 | 46 | 43 | 49 | 45 | 45 | 41 | 59 |
| 1.5 | 61 | 57 | 53 | 50 | 56 | 53 | 52 | 48 | 70 |
| 2.0 | 65 | 61 | 58 | 56 | 60 | 57 | 56 | 53 | 77 |
| 2.5 | 67 | 64 | 61 | 59 | 62 | 60 | 60 | 56 | 82 |
| 3.0 | 68 | 66 | 64 | 62 | 64 | 62 | 61 | 59 | 85 |
| 4.0 | 70 | 68 | 66 | 65 | 66 | 65 | 64 | 61 | 88 |
| 5.0 | 71 | 69 | 68 | 66 | 68 | 66 | 65 | 63 | 91 |

**Luminance curve limit**



**UGR diagram**

Corrected UGR values (at 5750 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 | 15.3 | 16.3 | 15.6 | 16.5 | 16.8 | 15.3 | 16.3 | 15.6 | 16.5 | 16.8 |
| | 3H | 16.2 | 17.1 | 16.5 | 17.4 | 17.7 | 15.5 | 16.4 | 15.8 | 16.7 | 17.0 |
| | 4H | 16.7 | 17.5 | 17.0 | 17.8 | 18.1 | 15.6 | 16.4 | 15.9 | 16.7 | 17.0 |
| | 6H | 17.1 | 17.9 | 17.5 | 18.2 | 18.5 | 15.6 | 16.3 | 15.9 | 16.7 | 17.0 |
| | 8H | 17.3 | 18.0 | 17.6 | 18.3 | 18.7 | 15.6 | 16.3 | 16.0 | 16.6 | 17.0 |
| | 12H | 17.4 | 18.0 | 17.7 | 18.4 | 18.8 | 15.5 | 16.2 | 15.9 | 16.6 | 17.0 |
| 4H | 2H | 15.6 | 16.4 | 15.9 | 16.7 | 17.0 | 16.7 | 17.5 | 17.0 | 17.8 | 18.1 |
| | 3H | 16.7 | 17.4 | 17.1 | 17.7 | 18.1 | 17.1 | 17.8 | 17.5 | 18.1 | 18.5 |
| | 4H | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 |
| | 6H | 17.9 | 18.4 | 18.3 | 18.8 | 19.2 | 17.5 | 18.0 | 17.9 | 18.4 | 18.8 |
| | 8H | 18.1 | 18.6 | 18.5 | 19.0 | 19.5 | 17.5 | 18.0 | 18.0 | 18.5 | 18.9 |
| | 12H | 18.2 | 18.7 | 18.7 | 19.1 | 19.6 | 17.6 | 18.0 | 18.0 | 18.5 | 18.9 |
| 8H | 4H | 17.5 | 18.0 | 18.0 | 18.5 | 18.9 | 18.1 | 18.6 | 18.6 | 19.0 | 19.5 |
| | 6H | 18.3 | 18.7 | 18.8 | 19.2 | 19.6 | 18.5 | 18.9 | 19.0 | 19.3 | 19.8 |
| | 8H | 18.6 | 19.0 | 19.1 | 19.5 | 20.0 | 18.7 | 19.0 | 19.1 | 19.5 | 20.0 |
| | 12H | 18.9 | 19.2 | 19.4 | 19.7 | 20.2 | 18.8 | 19.1 | 19.3 | 19.6 | 20.1 |
| 12H | 4H | 17.6 | 18.0 | 18.0 | 18.5 | 18.9 | 18.3 | 18.7 | 18.7 | 19.2 | 19.6 |
| | 6H | 18.4 | 18.7 | 18.9 | 19.2 | 19.7 | 18.7 | 19.1 | 19.2 | 19.5 | 20.0 |
| | 8H | 18.8 | 19.1 | 19.3 | 19.6 | 20.1 | 18.9 | 19.2 | 19.4 | 19.7 | 20.3 |

Variations with the observer position at spacing:

| | | | |
|---|---|---|---|
| S = | 1.0H | 0.4 / -0.3 | 0.4 / -0.3 |
| | 1.5H | 1.0 / -0.7 | 1.0 / -0.7 |
| | 2.0H | 1.8 / -1.0 | 1.8 / -1.0 |