# iPlan

**Design iGuzzini** **iGuzzini**

Last information update: July 2025

**Product configuration: ME78**
ME78: iplan - 300 x 1200 mm h 26 mm - neutral white LED- DALI control gear - general light optic

**Product code**
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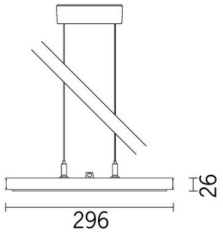
**Technical description**
Direct and indirect emission pendant luminaire designed to use neutral white 4000K high colour rendering LEDs. Extruded anodised aluminium perimeter profile. The down light LEDs are arranged inside the perimeter, while the up light LEDs are positioned in the upper section. The opal diffuser screen, together with an inner screen and diffusing film, allows optimum diffusion of the direct light. Luminaire set up for simultaneous switch on of both up/down light emission. Product complete with DALI driver, L=1500 mm supporting cables and special power supply base.

**Installation**
Pendant. System complete with power supply base and L= 1500 mm cables

**Colour**
Aluminium (12)

**Weight (Kg)**
9.4




**Mounting**
ceiling pendant

**Wiring**
product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations

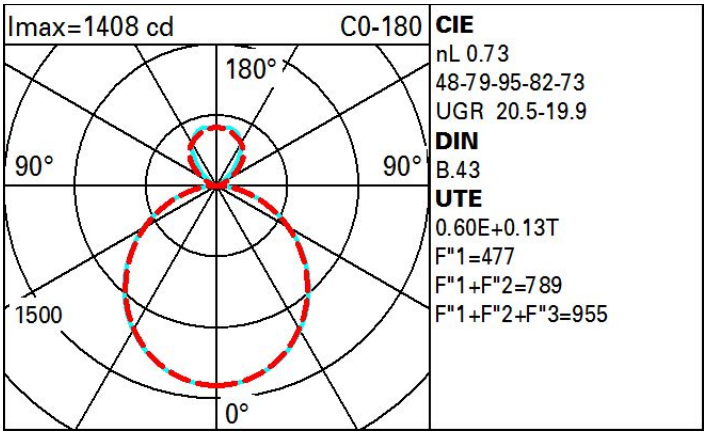
IP20

**Technical data**

| | |
|---|---|
| lm system: | 4782 |
| W system: | 41.3 |
| lm source: | 6550 |
| W source: | 37 |
| Luminous efficiency (lm/W, real value): | 115.8 |
| lm in emergency mode: | - |
| Total light flux at or above an angle of 90° [Lm]: | 874 |
| Light Output Ratio (L.O.R.) [%]: | 73 |
| CRI (minimum): | 80 |
| Colour temperature [K]: | 4000 |
| MacAdam Step: | 3 |

| | |
|---|---|
| Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Lamp code: | LED |
| Number of lamps for optical assembly: | 1 |
| ZVEI Code: | LED |
| Number of optical assemblies: | 1 |
| Power factor: | See installation instructions |
| Inrush current: | 30 A / 200 µs |
| Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 12 luminaires<br>B16A: 20 luminaires<br>C10A: 20 luminaires<br>C16A: 34 luminaires |
| Minimum dimming %: | 1 |
| Overvoltage protection: | 2kV Common mode & 2kV Differential mode |
| Control: | DALI-2 |

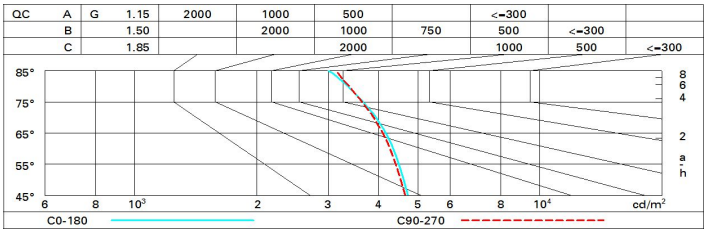
**Polar**



**Utilisation factors**

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|---|---|---|---|---|---|---|---|---|---|
| K0.8 | 45 | 38 | 32 | 29 | 35 | 31 | 29 | 24 | 40 |
| 1.0 | 50 | 43 | 38 | 34 | 40 | 36 | 34 | 28 | 47 |
| 1.5 | 57 | 51 | 47 | 43 | 48 | 44 | 42 | 36 | 60 |
| 2.0 | 61 | 56 | 53 | 49 | 53 | 50 | 47 | 41 | 68 |
| 2.5 | 64 | 60 | 56 | 54 | 56 | 53 | 50 | 44 | 74 |
| 3.0 | 65 | 62 | 59 | 57 | 58 | 56 | 53 | 47 | 78 |
| 4.0 | 68 | 65 | 63 | 60 | 61 | 59 | 56 | 50 | 83 |
| 5.0 | 69 | 67 | 65 | 63 | 63 | 61 | 58 | 51 | 86 |

**Luminance curve limit**




**UGR diagram**

Corrected UGR values (at 6550 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 crosswise | | | | | viewed endwise | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 16.7 | 17.6 | 17.3 | 18.2 | 18.8 | 16.6 | 17.6 | 17.2 | 18.1 | 18.8 |
| | 3H | 18.2 | 19.1 | 18.8 | 19.7 | 20.3 | 17.1 | 17.9 | 17.7 | 18.5 | 19.2 |
| | 4H | 18.8 | 19.6 | 19.4 | 20.2 | 20.9 | 17.3 | 18.0 | 17.9 | 18.6 | 19.3 |
| | 6H | 19.3 | 20.0 | 19.9 | 20.6 | 21.3 | 17.3 | 18.0 | 18.0 | 18.7 | 19.4 |
| | 8H | 19.4 | 20.1 | 20.1 | 20.7 | 21.5 | 17.3 | 18.0 | 18.0 | 18.6 | 19.4 |
| | 12H | 19.5 | 20.2 | 20.2 | 20.8 | 21.6 | 17.3 | 17.9 | 17.9 | 18.6 | 19.3 |
| 4H | 2H | 17.3 | 18.1 | 17.9 | 18.7 | 19.4 | 18.7 | 19.5 | 19.4 | 20.1 | 20.8 |
| | 3H | 19.0 | 19.7 | 19.7 | 20.3 | 21.0 | 19.4 | 20.0 | 20.0 | 20.7 | 21.4 |
| | 4H | 19.7 | 20.3 | 20.4 | 21.0 | 21.7 | 19.7 | 20.2 | 20.3 | 20.9 | 21.7 |
| | 6H | 20.3 | 20.8 | 21.0 | 21.5 | 22.3 | 19.9 | 20.4 | 20.5 | 21.0 | 21.8 |
| | 8H | 20.5 | 20.9 | 21.2 | 21.6 | 22.5 | 19.9 | 20.4 | 20.6 | 21.1 | 21.9 |
| | 12H | 20.6 | 21.0 | 21.3 | 21.7 | 22.6 | 19.9 | 20.3 | 20.6 | 21.0 | 21.9 |
| 8H | 4H | 19.9 | 20.4 | 20.7 | 21.1 | 21.9 | 20.4 | 20.9 | 21.1 | 21.6 | 22.4 |
| | 6H | 20.7 | 21.0 | 21.4 | 21.8 | 22.6 | 20.8 | 21.2 | 21.5 | 21.9 | 22.7 |
| | 8H | 20.9 | 21.3 | 21.7 | 22.0 | 22.9 | 20.9 | 21.2 | 21.7 | 22.0 | 22.8 |
| | 12H | 21.1 | 21.4 | 21.9 | 22.2 | 23.1 | 21.0 | 21.3 | 21.8 | 22.0 | 22.9 |
| 12H | 4H | 19.9 | 20.4 | 20.7 | 21.1 | 21.9 | 20.6 | 21.0 | 21.3 | 21.7 | 22.6 |
| | 6H | 20.7 | 21.0 | 21.4 | 21.8 | 22.6 | 21.0 | 21.3 | 21.7 | 22.0 | 22.9 |
| | 8H | 21.0 | 21.3 | 21.8 | 22.1 | 22.9 | 21.1 | 21.4 | 21.9 | 22.2 | 23.1 |

Variations with the observer position at spacing:

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