

Last information update: February 2024

Product configuration: 4059

4059: Table luminaire with white LED



Product code

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Technical description

Table lamp made using aluminium and steel with a shiny chrome-plated finish consisting of concentric coils and an adjustable head end-piece in die cast-aluminium. The base of the appliance is fitted with non-scratch rubber feet. The spirals are mechanically hinged using hidden hi-tech couplings, which have been calibrated so as to guarantee a specific amount of friction for each coupling section. The head part of the appliance holds 6 white LED bulbs with a power of 1W each, which are fitted with diffusing lenses and an activation system consisting of an on-off touch-switch with a stand by light sensor.

Colour

Chrome (10)*

Weight (Kg)

2.53

* Colours on request

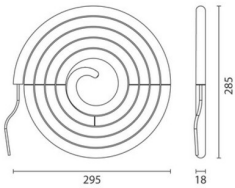
Mounting

table top

Wiring

The product comes complete with transparent power-supply cable L=2000 mm and an operating ballast with incorporated plug.

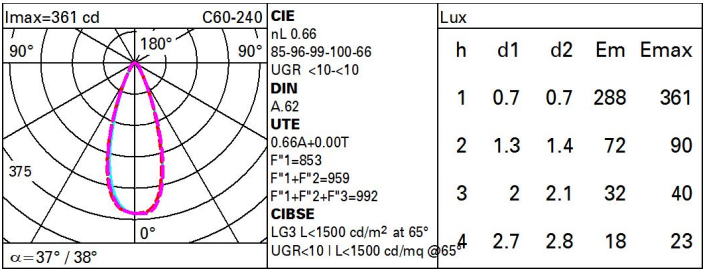
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|-----------|---------------------------------------|-------------------------------|
| lm system: | 187 | CRI (minimum): | 74 |
| W system: | 8.7 | Colour temperature [K]: | 6700 |
| lm source: | 282 | Life Time LED 1: | 50,000h - L70 - B20 (Ta 25°C) |
| W source: | 7.4 | Ballast losses [W]: | 1.3 |
| Luminous efficiency (lm/W, real value): | 21.5 | Lamp code: | LED |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 1 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 66 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 37° / 38° | | |

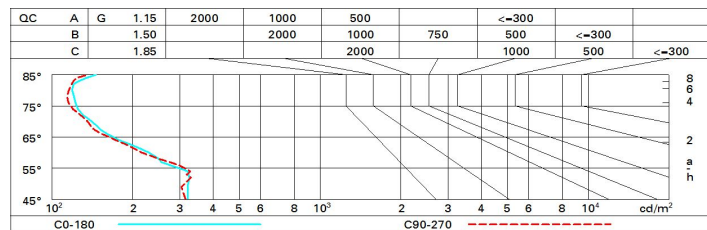
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 55 | 51 | 48 | 46 | 50 | 48 | 47 | 45 | 68 |
| 1.0 | 59 | 55 | 52 | 50 | 54 | 51 | 51 | 48 | 73 |
| 1.5 | 63 | 60 | 58 | 56 | 59 | 57 | 56 | 54 | 81 |
| 2.0 | 65 | 63 | 61 | 60 | 62 | 60 | 60 | 57 | 87 |
| 2.5 | 67 | 65 | 64 | 62 | 64 | 63 | 62 | 60 | 90 |
| 3.0 | 68 | 67 | 65 | 64 | 65 | 64 | 63 | 61 | 93 |
| 4.0 | 69 | 68 | 67 | 66 | 67 | 66 | 65 | 63 | 95 |
| 5.0 | 70 | 69 | 68 | 67 | 68 | 67 | 66 | 64 | 96 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 282 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 4.5 | 5.2 | 4.8 | 5.5 | 5.7 | 4.3 | 5.0 | 4.5 | 5.2 | 5.5 |
| | 3H | 5.0 | 5.7 | 5.4 | 6.0 | 6.3 | 4.5 | 5.2 | 4.9 | 5.5 | 5.8 |
| | 4H | 5.2 | 5.9 | 5.6 | 6.2 | 6.5 | 4.6 | 5.2 | 4.9 | 5.5 | 5.8 |
| | 6H | 5.4 | 6.0 | 5.8 | 6.3 | 6.7 | 4.6 | 5.1 | 4.9 | 5.5 | 5.8 |
| | 8H | 5.5 | 6.1 | 5.9 | 6.4 | 6.8 | 4.5 | 5.1 | 4.9 | 5.4 | 5.8 |
| | 12H | 5.6 | 6.1 | 6.0 | 6.5 | 6.8 | 4.5 | 5.0 | 4.9 | 5.4 | 5.8 |
| 4H | 2H | 4.7 | 5.4 | 5.1 | 5.7 | 6.0 | 4.8 | 5.5 | 5.2 | 5.8 | 6.1 |
| | 3H | 5.4 | 6.0 | 5.8 | 6.3 | 6.7 | 5.2 | 5.7 | 5.6 | 6.1 | 6.5 |
| | 4H | 5.7 | 6.2 | 6.1 | 6.6 | 7.0 | 5.3 | 5.8 | 5.7 | 6.2 | 6.5 |
| | 6H | 6.0 | 6.4 | 6.5 | 6.8 | 7.3 | 5.4 | 5.8 | 5.8 | 6.2 | 6.6 |
| | 8H | 6.2 | 6.5 | 6.6 | 7.0 | 7.4 | 5.4 | 5.7 | 5.8 | 6.2 | 6.6 |
| | 12H | 6.3 | 6.6 | 6.7 | 7.1 | 7.5 | 5.3 | 5.7 | 5.8 | 6.1 | 6.6 |
| 8H | 4H | 5.8 | 6.1 | 6.2 | 6.6 | 7.0 | 5.6 | 6.0 | 6.0 | 6.4 | 6.8 |
| | 6H | 6.2 | 6.5 | 6.6 | 6.9 | 7.4 | 5.7 | 6.0 | 6.2 | 6.5 | 7.0 |
| | 8H | 6.4 | 6.6 | 6.9 | 7.1 | 7.6 | 5.8 | 6.1 | 6.3 | 6.5 | 7.0 |
| | 12H | 6.6 | 6.8 | 7.1 | 7.3 | 7.8 | 5.8 | 6.1 | 6.3 | 6.6 | 7.1 |
| 12H | 4H | 5.7 | 6.1 | 6.2 | 6.5 | 7.0 | 5.7 | 6.0 | 6.2 | 6.5 | 6.9 |
| | 6H | 6.2 | 6.4 | 6.7 | 6.9 | 7.4 | 5.9 | 6.2 | 6.4 | 6.6 | 7.1 |
| | 8H | 6.4 | 6.6 | 6.9 | 7.1 | 7.6 | 6.0 | 6.2 | 6.5 | 6.7 | 7.2 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 0.3 / -0.3 | | | | | 0.4 / -0.2 | | | | |
| | 1.5H | 0.8 / -1.4 | | | | | 0.8 / -1.4 | | | | |
| | 2.0H | 1.5 / -1.8 | | | | | 1.7 / -2.1 | | | | |