

Produktkonfiguration: QM04**Produktcode**

Beschreibung

Installation

Farben

Weiß (01) | Schwarz (04)

Gewicht (Kg)

23.7

Montage

Wandanbauleuchte | Deckenanbauleuchte

Verkabelung

Die Leuchte wird komplett mit elektronischen Komponenten ausgeliefert. Die verwendeten Stromkabel sind aus halogenfreiem Material. (Kabel aus halogenfreiem Material, die im Brandfall keine giftigen und korrosiven Gase und nur geringe Mengen undurchsichtigen Rauchs emittieren).

Gemäß der Normen EN60598-1 u. Sondernormen

IP20

IP43

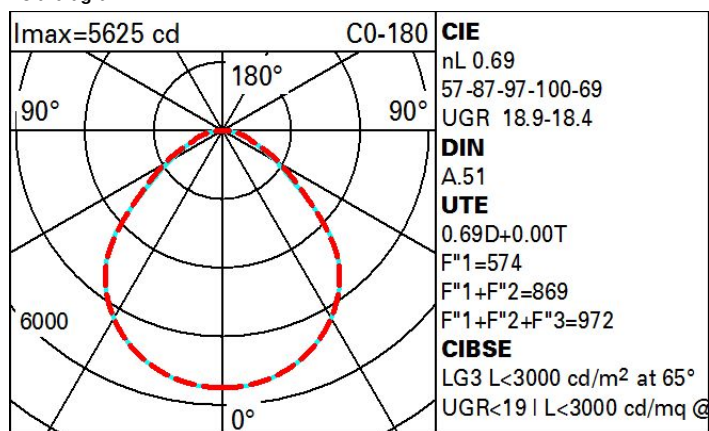
for optical
assembly



Technische Daten

| | | | |
|--|-------|--------------------------------------|-------------------------------|
| Im System: | 13075 | Farbtemperatur [K]: | 4000 |
| W System: | 114.1 | MacAdam Step: | 3 |
| Im Lichtquelle: | 18950 | Lebensdauer LED 1: | 50,000h - L80 - B10 (Ta 25°C) |
| W Lichtquelle: | 104 | Lampencode: | LED |
| Lichtausbeute (lm/W, Systemwert): | 114.6 | Anzahl Lampen in Leuchtengehäuse: | 1 |
| Im im Notlichtbetrieb: | - | ZVEI-Code: | LED |
| abgegebener Lichtstrom bei/ über einem Winkel von 90° | 0 | Anzahl Leuchtengehäuse: | 1 |
| [lm]: | | Control: | DALI-2 |
| Leuchtenbetriebswirkungsgrad 69 (L.O.R.) [%]: | | | |
| CRI (minimum): | 90 | | |

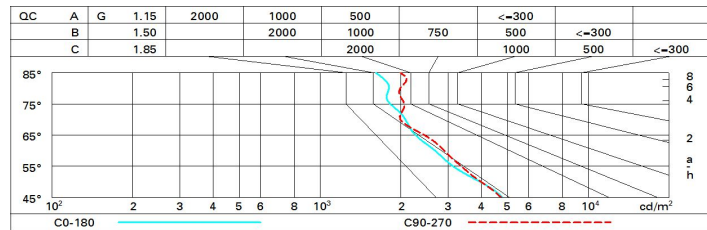
Polardiagramm



Wirkungsgrad

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 48 | 42 | 37 | 34 | 41 | 37 | 36 | 32 | 47 |
| 1.0 | 53 | 47 | 43 | 39 | 46 | 42 | 42 | 37 | 54 |
| 1.5 | 60 | 55 | 51 | 48 | 54 | 50 | 50 | 46 | 66 |
| 2.0 | 63 | 60 | 56 | 54 | 58 | 56 | 55 | 51 | 74 |
| 2.5 | 66 | 63 | 60 | 58 | 61 | 59 | 58 | 55 | 79 |
| 3.0 | 67 | 65 | 62 | 60 | 63 | 61 | 60 | 57 | 83 |
| 4.0 | 69 | 67 | 65 | 63 | 65 | 64 | 63 | 60 | 87 |
| 5.0 | 70 | 68 | 67 | 65 | 67 | 65 | 64 | 61 | 89 |

Söller-Diagramm



UGR-Diagramm

| Corrected UGR values (at 18950 lm bare lamp luminous flux) | | | | | | | | | | |
|--|-----|------------------|------|------|------|------|----------------|------|------|------|
| Reflect.: | | viewed crosswise | | | | | viewed endwise | | | |
| ceiling/cav | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 |
| walls | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 |
| work pl. | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim | | | | | | | | | | |
| x y | | | | | | | | | | |
| 2H | 2H | 10.4 | 17.5 | 10.7 | 17.7 | 18.0 | 10.4 | 17.4 | 10.7 | 17.7 |
| | 3H | 17.2 | 18.2 | 17.6 | 18.5 | 18.8 | 10.6 | 17.6 | 17.0 | 17.9 |
| | 4H | 17.6 | 18.4 | 17.9 | 18.8 | 19.1 | 10.7 | 17.6 | 17.1 | 17.9 |
| | 6H | 17.8 | 18.7 | 18.2 | 19.0 | 19.3 | 10.7 | 17.5 | 17.1 | 17.9 |
| | 8H | 18.0 | 18.7 | 18.3 | 19.1 | 19.4 | 10.7 | 17.5 | 17.1 | 17.8 |
| | 12H | 18.0 | 18.8 | 18.4 | 19.1 | 19.5 | 10.7 | 17.4 | 17.1 | 17.8 |
| 4H | 2H | 10.8 | 17.7 | 17.1 | 18.0 | 18.3 | 17.5 | 18.4 | 17.9 | 18.7 |
| | 3H | 17.8 | 18.5 | 18.2 | 18.9 | 19.2 | 18.0 | 18.8 | 18.4 | 19.1 |
| | 4H | 18.3 | 18.9 | 18.7 | 19.3 | 19.7 | 18.2 | 18.9 | 18.6 | 19.2 |
| | 6H | 18.7 | 19.3 | 19.1 | 19.7 | 20.1 | 18.3 | 18.9 | 18.8 | 19.3 |
| | 8H | 18.9 | 19.4 | 19.3 | 19.8 | 20.3 | 18.4 | 18.9 | 18.8 | 19.3 |
| | 12H | 19.0 | 19.5 | 19.4 | 19.9 | 20.4 | 18.4 | 18.9 | 18.9 | 19.3 |
| 8H | 4H | 18.4 | 19.0 | 18.9 | 19.4 | 19.8 | 18.9 | 19.4 | 19.3 | 19.9 |
| | 6H | 19.0 | 19.5 | 19.5 | 19.9 | 20.4 | 19.2 | 19.6 | 19.6 | 20.0 |
| | 8H | 19.3 | 19.7 | 19.8 | 20.2 | 20.7 | 19.3 | 19.6 | 19.8 | 20.1 |
| | 12H | 19.5 | 19.8 | 20.0 | 20.3 | 20.9 | 19.3 | 19.7 | 19.9 | 20.2 |
| 12H | 4H | 18.4 | 18.9 | 18.9 | 19.4 | 19.8 | 19.0 | 19.5 | 19.5 | 20.0 |
| | 6H | 19.1 | 19.5 | 19.6 | 19.9 | 20.4 | 19.3 | 19.7 | 19.8 | 20.2 |
| | 8H | 19.4 | 19.7 | 19.9 | 20.2 | 20.8 | 19.5 | 19.8 | 20.0 | 20.3 |
| Variations with the observer position at spacing: | | | | | | | | | | |
| S = | | 0.3 / -0.3 | | | | | 0.3 / -0.3 | | | |
| | | 0.4 / -0.8 | | | | | 0.5 / -0.8 | | | |
| | | 1.0 / -1.2 | | | | | 1.0 / -1.1 | | | |