

Letzte Aktualisierung der Informationen: Juli 2024

**Produktkonfiguration: PE40**

PE40: Strip UpLight Warm White - UGR<19 - für Modul mit L=684



**Produktcode**

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**Beschreibung**

Strip UpLight für Modul mit L=684. Einfarbige LED Warm White CRI90 mit UGR<19. Komplett mit Schnellanschlüssen.

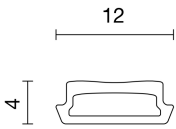
**Farben**

Weiß (01)

**Gewicht (Kg)**

0.01

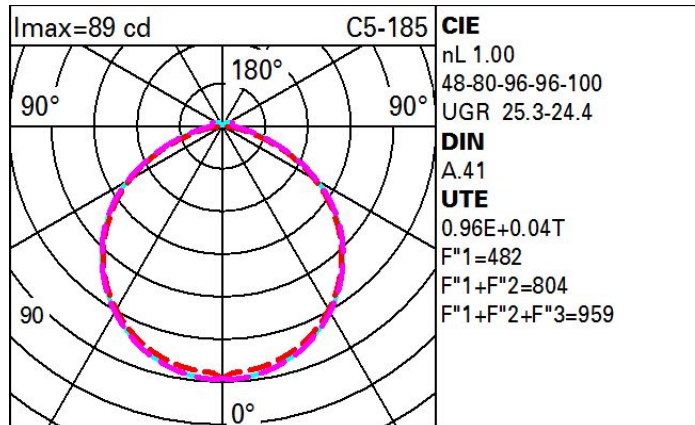
Gemäß der Normen EN60598-1 u. Sondernormen



**Technische Daten**

|   |       |                                   |                                 |
|---|-------|-----------------------------------|---------------------------------|
| Im System:  | 260   | MacAdam Step:                     | 3                               |
| W System:   | 1.9   | Lebensdauer LED 1:                | > 50,000h - L90 - B10 (Ta 25°C) |
| Im Lichtquelle:   | -     | Eingangsspannung [V]:             | 48                              |
| W Lichtquelle:  | -     | Lampencode:                       | LED                             |
| Lichtausbeute (lm/W, Systemwert):                           | 136.8 | Anzahl Lampen in Leuchtengehäuse: | 1                               |
| Im im Notlichtbetrieb:                                      | -     | ZVEI-Code:                        | LED                             |
| abgegebener Lichtstrom bei/ über einem Winkel von 90° [lm]: | 10    | Anzahl Leuchtengehäuse:           | 1                               |
| Leuchtenbetriebswirkungsgrad 100 (L.O.R.) [%]:              | -     | LED Strom [mA]:                   | 20                              |
| CRI (minimum):  | 90    | Control:                          | PWM                             |
| Farbtemperatur [K]:   | 3500  |                                   |                                 |

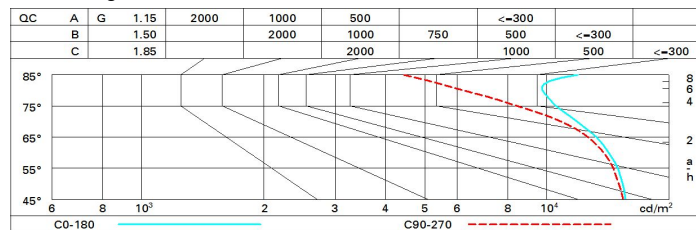
**Polardiagramm**



### Wirkungsgrad

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 65 | 55 | 47 | 42 | 53 | 46 | 45 | 38 | 40  |
| 1.0  | 72 | 62 | 55 | 49 | 60 | 54 | 53 | 45 | 47  |
| 1.5  | 82 | 74 | 68 | 63 | 72 | 66 | 65 | 58 | 60  |
| 2.0  | 88 | 82 | 76 | 72 | 79 | 74 | 73 | 66 | 69  |
| 2.5  | 92 | 86 | 82 | 78 | 84 | 80 | 78 | 72 | 75  |
| 3.0  | 94 | 90 | 86 | 82 | 87 | 83 | 81 | 75 | 79  |
| 4.0  | 97 | 94 | 90 | 87 | 91 | 88 | 86 | 80 | 83  |
| 5.0  | 99 | 96 | 93 | 91 | 93 | 91 | 88 | 83 | 86  |

### Söllner-Diagramm



### UGR-Diagramm

| Corrected UGR values (at 200 lm bare lamp luminous flux) |      |                  |      |      |      |      |                |      |      |      |      |
|--|------|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflect.:  |      | viewed crosswise |      |      |      |      | viewed endwise |      |      |      |      |
| 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   | 21.9             | 23.0 | 22.2 | 23.3 | 23.6 | 21.8           | 22.9 | 22.2 | 23.2 | 23.6 |
|  | 3H   | 23.2             | 24.2 | 23.6 | 24.6 | 25.0 | 22.2           | 23.2 | 22.7 | 23.6 | 24.0 |
|  | 4H   | 23.7             | 24.6 | 24.1 | 25.0 | 25.4 | 22.4           | 23.3 | 22.8 | 23.7 | 24.1 |
|  | 6H   | 24.1             | 24.9 | 24.5 | 25.3 | 25.8 | 22.4           | 23.3 | 22.9 | 23.7 | 24.1 |
|  | 8H   | 24.2             | 25.1 | 24.7 | 25.5 | 25.9 | 22.4           | 23.3 | 22.9 | 23.7 | 24.1 |
|  | 12H  | 24.4             | 25.2 | 24.8 | 25.6 | 26.1 | 22.4           | 23.2 | 22.9 | 23.6 | 24.1 |
| 4H   | 2H   | 22.4             | 23.4 | 22.9 | 23.7 | 24.2 | 23.4           | 24.3 | 23.8 | 24.7 | 25.1 |
|  | 3H   | 24.0             | 24.8 | 24.4 | 25.2 | 25.6 | 24.0           | 24.8 | 24.4 | 25.2 | 25.6 |
|  | 4H   | 24.6             | 25.3 | 25.0 | 25.7 | 26.2 | 24.2           | 24.9 | 24.7 | 25.4 | 25.9 |
|  | 6H   | 25.1             | 25.7 | 25.6 | 26.1 | 26.7 | 24.4           | 25.0 | 24.9 | 25.5 | 26.0 |
|  | 8H   | 25.3             | 25.8 | 25.8 | 26.3 | 26.8 | 24.4           | 25.0 | 25.0 | 25.5 | 26.0 |
|  | 12H  | 25.5             | 26.0 | 26.0 | 26.5 | 27.0 | 24.4           | 25.0 | 25.0 | 25.5 | 26.0 |
| 8H   | 4H   | 24.7             | 25.3 | 25.3 | 25.8 | 26.3 | 24.6           | 25.1 | 25.1 | 25.6 | 26.1 |
|  | 6H   | 25.4             | 25.8 | 25.9 | 26.4 | 26.9 | 24.8           | 25.3 | 25.4 | 25.8 | 26.4 |
|  | 8H   | 25.7             | 26.1 | 26.2 | 26.6 | 27.2 | 25.0           | 25.4 | 25.5 | 25.9 | 26.5 |
|  | 12H  | 26.0             | 26.3 | 26.6 | 26.9 | 27.5 | 25.1           | 25.4 | 25.6 | 26.0 | 26.6 |
| 12H  | 4H   | 24.7             | 25.2 | 25.3 | 25.8 | 26.3 | 24.6           | 25.1 | 25.1 | 25.6 | 26.2 |
|  | 6H   | 25.4             | 25.8 | 26.0 | 26.4 | 26.9 | 24.9           | 25.3 | 25.4 | 25.8 | 26.4 |
|  | 8H   | 25.8             | 26.1 | 26.3 | 26.7 | 27.3 | 25.0           | 25.4 | 25.6 | 25.9 | 26.6 |
| Variations with the observer position at spacing:        |      |                  |      |      |      |      |                |      |      |      |      |
| S =  | 1.0H | 0.1 / -0.1       |      |      |      |      | 0.1 / -0.1     |      |      |      |      |
|  | 1.5H | 0.3 / -0.4       |      |      |      |      | 0.3 / -0.5     |      |      |      |      |
|  | 2.0H | 0.5 / -0.7       |      |      |      |      | 0.6 / -0.8     |      |      |      |      |