

Last information update: July 2024

Product configuration: PE35
PE35: Strip UpLight for module L=2736



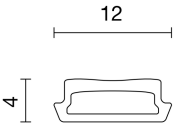
Product code
PE35: Strip UpLight for module L=2736

Technical description
Strip UpLight for module L=2736. Monochrome LED High Output Warm White CRI90 lamp with a General Light optic. Complete with quick coupling connectors.

Colour
White (01)

Weight (Kg)
0.08

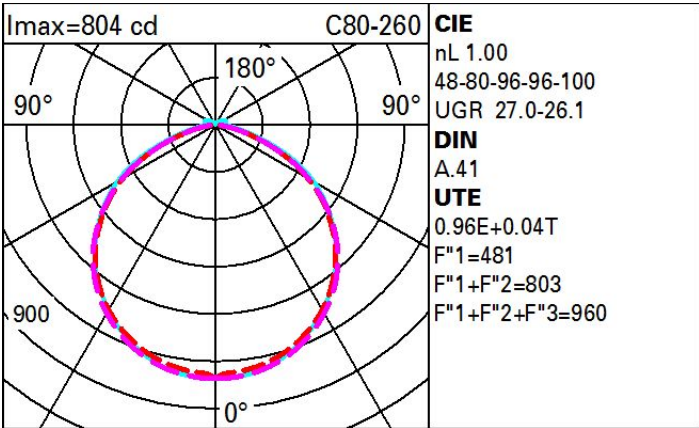
Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|--|-------|---------------------------------------|---------------------------------|
| Im system: | 2350 | MacAdam Step: | 3 |
| W system: | 17.6 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Im source: | - | Voltage [Vin]: | 48 |
| W source: | - | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 133.5 | Number of lamps for optical assembly: | 1 |
| Im in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 93 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 100 | LED current [mA]: | 35 |
| CRI (minimum): | 90 | Control: | PWM |
| Colour temperature [K]: | 3000 | | |

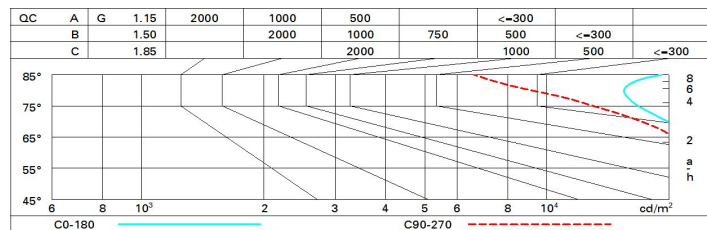
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 65 | 54 | 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 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 2350 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | | | | | | | | | | |
| 2H | 2H | 23.7 | 24.8 | 24.0 | 25.1 | 25.5 | 23.5 | 24.6 | 23.9 | 24.9 | 25.3 |
| | 3H | 25.1 | 26.1 | 25.5 | 26.4 | 26.8 | 23.9 | 24.9 | 24.3 | 25.3 | 25.7 |
| | 4H | 25.5 | 26.4 | 26.0 | 26.8 | 27.2 | 24.1 | 25.0 | 24.5 | 25.4 | 25.8 |
| | 6H | 25.9 | 26.7 | 26.3 | 27.1 | 27.6 | 24.2 | 25.0 | 24.6 | 25.4 | 25.8 |
| | 8H | 26.0 | 26.8 | 26.5 | 27.2 | 27.7 | 24.2 | 25.0 | 24.6 | 25.4 | 25.8 |
| | 12H | 26.2 | 26.9 | 26.6 | 27.4 | 27.8 | 24.1 | 24.9 | 24.6 | 25.3 | 25.8 |
| | | | | | | | | | | | |
| 4H | 2H | 24.3 | 25.2 | 24.7 | 25.6 | 26.0 | 25.0 | 25.9 | 25.4 | 26.3 | 26.7 |
| | 3H | 25.6 | 26.6 | 26.3 | 27.0 | 27.5 | 25.6 | 26.4 | 26.0 | 26.8 | 27.2 |
| | 4H | 26.4 | 27.1 | 26.9 | 27.5 | 28.0 | 25.8 | 26.5 | 26.3 | 27.0 | 27.5 |
| | 6H | 26.8 | 27.4 | 27.3 | 27.9 | 28.4 | 26.0 | 26.6 | 26.5 | 27.1 | 27.6 |
| | 8H | 27.0 | 27.6 | 27.5 | 28.1 | 28.6 | 26.1 | 26.6 | 26.6 | 27.1 | 27.7 |
| | 12H | 27.2 | 27.7 | 27.8 | 28.2 | 28.8 | 26.1 | 26.6 | 26.6 | 27.1 | 27.7 |
| | | | | | | | | | | | |
| 8H | 4H | 26.6 | 27.1 | 27.1 | 27.6 | 28.2 | 26.1 | 26.7 | 26.6 | 27.2 | 27.7 |
| | 6H | 27.2 | 27.6 | 27.7 | 28.2 | 28.7 | 26.4 | 26.9 | 27.0 | 27.4 | 28.0 |
| | 8H | 27.4 | 27.9 | 28.0 | 28.4 | 29.0 | 26.6 | 27.0 | 27.1 | 27.5 | 28.1 |
| | 12H | 27.8 | 28.1 | 28.3 | 28.7 | 29.3 | 26.7 | 27.0 | 27.2 | 27.6 | 28.2 |
| | | | | | | | | | | | |
| 12H | 4H | 26.6 | 27.1 | 27.1 | 27.6 | 28.1 | 26.1 | 26.6 | 26.7 | 27.2 | 27.7 |
| | 6H | 27.2 | 27.6 | 27.7 | 28.1 | 28.7 | 26.5 | 26.9 | 27.0 | 27.4 | 28.0 |
| | 8H | 27.5 | 27.9 | 28.1 | 28.4 | 29.0 | 26.6 | 27.0 | 27.2 | 27.5 | 28.1 |
| | | | | | | | | | | | |
| 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 | 0.4 / -0.6 | | | | | 0.6 / -0.8 | | | | |