

Last information update: June 2025

**Product configuration: PE56**

PE56: Strip UpLight Warm White - UGR&lt;19 - for module L=2736

**Product code**

PE56: Strip UpLight Warm White - UGR&lt;19 - for module L=2736

**Technical description**

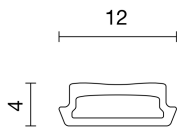
Strip UpLight for module L=2736. Monochrome Warm White CRI90 LED lamp with UGR&lt;19. Complete with quick coupling connectors.

**Colour**  
White (01)**Weight (Kg)**  
0.08

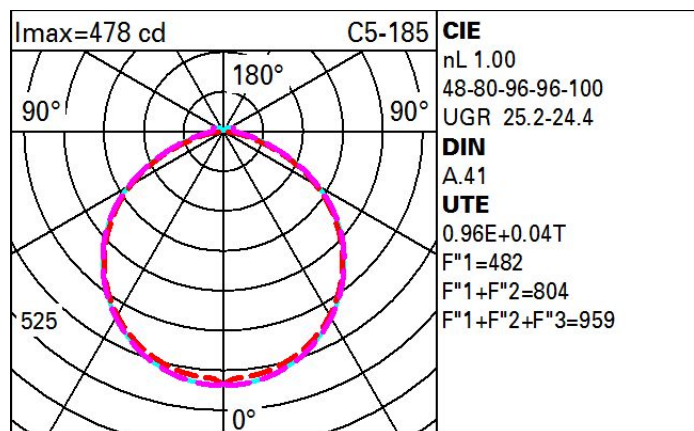
Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

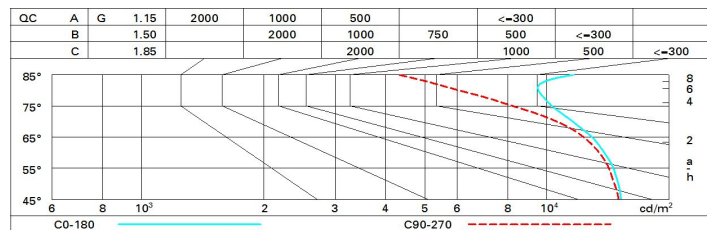
|                                                    |       |                                       |                                 |
|----------------------------------------------------|-------|---------------------------------------|---------------------------------|
| Im system:                                         | 1395  | MacAdam Step:                         | 3                               |
| W system:                                          | 10.4  | 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):            | 134.1 | 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]: | 55    | Number of optical assemblies:         | 1                               |
| Light Output Ratio (L.O.R.) [%]:                   | 100   | LED current [mA]:                     | 20                              |
| CRI (minimum):                                     | 90    | Control:                              | PWM                             |
| Colour temperature [K]:                            | 3500  |                                       |                                 |

**Polar**

# Utilisation factors

| 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  |

# Luminance curve limit



# UGR diagram

| Corrected UGR values (at 1395 lm bare lamp luminous flux)        |     |                     |      |      |      |      |                   |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | viewed<br>crosswise |      |      |      |      | viewed<br>endwise |      |      |      |      |
| 2H                                                               | 2H  | 21.8                | 22.9 | 22.1 | 23.2 | 23.6 | 21.7              | 22.8 | 22.1 | 23.1 | 23.5 |
|                                                                  | 3H  | 23.1                | 24.1 | 23.5 | 24.5 | 24.9 | 22.2              | 23.1 | 22.6 | 23.5 | 23.9 |
|                                                                  | 4H  | 23.6                | 24.5 | 24.0 | 24.9 | 25.3 | 22.3              | 23.2 | 22.7 | 23.6 | 24.0 |
|                                                                  | 6H  | 24.0                | 24.8 | 24.4 | 25.3 | 25.7 | 22.4              | 23.2 | 22.8 | 23.6 | 24.0 |
|                                                                  | 8H  | 24.2                | 25.0 | 24.6 | 25.4 | 25.8 | 22.4              | 23.2 | 22.8 | 23.6 | 24.0 |
|                                                                  | 12H | 24.3                | 25.1 | 24.8 | 25.5 | 26.0 | 22.3              | 23.1 | 22.8 | 23.5 | 24.0 |
| 4H                                                               | 2H  | 22.4                | 23.3 | 22.8 | 23.7 | 24.1 | 23.3              | 24.2 | 23.7 | 24.6 | 25.0 |
|                                                                  | 3H  | 23.9                | 24.7 | 24.3 | 25.1 | 25.6 | 23.9              | 24.7 | 24.4 | 25.1 | 25.6 |
|                                                                  | 4H  | 24.5                | 25.2 | 25.0 | 25.6 | 26.1 | 24.1              | 24.8 | 24.6 | 25.3 | 25.8 |
|                                                                  | 6H  | 25.0                | 25.6 | 25.5 | 26.1 | 26.6 | 24.3              | 24.9 | 24.8 | 25.4 | 25.9 |
|                                                                  | 8H  | 25.2                | 25.7 | 25.7 | 26.2 | 26.8 | 24.4              | 24.9 | 24.9 | 25.4 | 25.9 |
|                                                                  | 12H | 25.4                | 25.9 | 25.9 | 26.4 | 26.9 | 24.4              | 24.9 | 24.9 | 25.4 | 25.9 |
| 8H                                                               | 4H  | 24.7                | 25.2 | 25.2 | 25.7 | 26.2 | 24.5              | 25.0 | 25.0 | 25.5 | 26.1 |
|                                                                  | 6H  | 25.3                | 25.8 | 25.8 | 26.3 | 26.9 | 24.8              | 25.2 | 25.3 | 25.7 | 26.3 |
|                                                                  | 8H  | 25.6                | 26.0 | 26.1 | 26.5 | 27.1 | 24.9              | 25.3 | 25.4 | 25.8 | 26.4 |
|                                                                  | 12H | 25.9                | 26.3 | 26.5 | 26.8 | 27.4 | 25.0              | 25.3 | 25.5 | 25.9 | 26.5 |
| 12H                                                              | 4H  | 24.7                | 25.2 | 25.2 | 25.7 | 26.2 | 24.5              | 25.0 | 25.0 | 25.5 | 26.1 |
|                                                                  | 6H  | 25.3                | 25.7 | 25.9 | 26.3 | 26.9 | 24.8              | 25.2 | 25.4 | 25.7 | 26.3 |
|                                                                  | 8H  | 25.7                | 26.0 | 26.2 | 26.6 | 27.2 | 25.0              | 25.3 | 25.5 | 25.9 | 26.5 |
| Variations with the observer position at spacing:                |     |                     |      |      |      |      |                   |      |      |      |      |
| S =                                                              |     | 1.0H                |      |      |      |      | 0.1 / -0.1        |      |      |      |      |
|                                                                  |     | 1.5H                |      |      |      |      | 0.3 / -0.4        |      |      |      |      |
|                                                                  |     | 2.0H                |      |      |      |      | 0.5 / -0.7        |      |      |      |      |