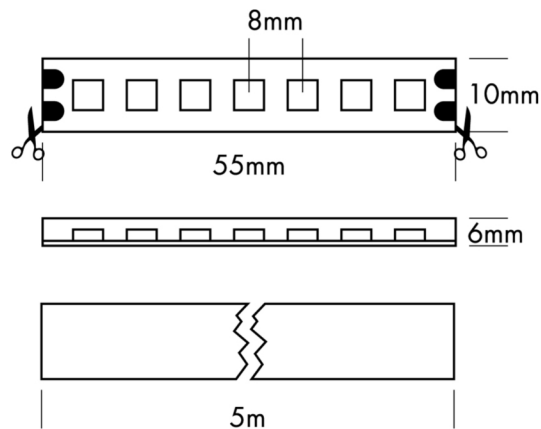


Article name: Flex Strip Wellness - UWW

Article number: L6HT836

**Article description:**

The PROLED FLEX STRIPS are perfect for indirect lighting, for special designs in trade fair or shop fitting and for any kind of lighting. Thanks to their small size and individually adjustable length, PROLED FLEX STRIPS offer a wide range of possible applications.

- For all applications in fun, baths and saunas
- Creates a pleasantly relaxing light atmosphere to enhance well-being
- High temperature resistance due to selected materials
- Long service life at ambient temperatures up to 105°C due to temperature-controlled current supply
- Not suitable for use under water. For this purpose, we offer special products with corresponding IP classification
- Dimmable with suitable PWM dimmers down to 20%

Technical:

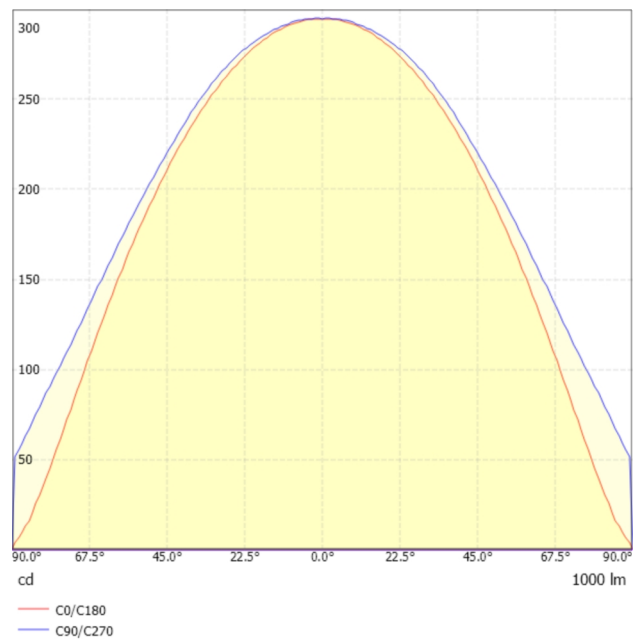
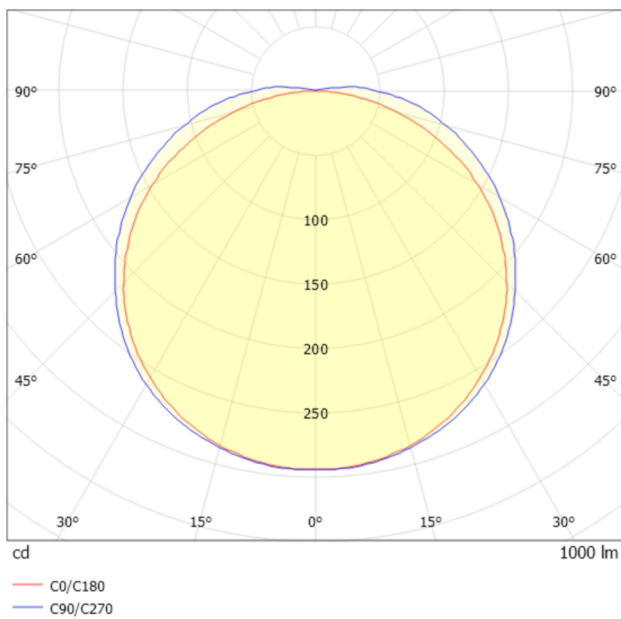
| | | | |
|---------------------------|----------------------------|------------------|-------|
| Mounting type: | Surface-mounted on ceiling | Electric: | |
| Adjustability: | Fixed | System power: | 10 W |
| Controllability: | Dimmable | Current: | 24 V |
| Safety: | IP65 | Safety class: | 3 |
| Temperature range: | -10...105 °C | EEL: | F |
| Lifetime: | 50.000 h at L80B10 | UGR: | 25,16 |

Shape and dimensions:

| | |
|---------|---------|
| Length: | 1000 mm |
| Width: | 10 mm |
| Height: | 6 mm |
| Weight: | - |

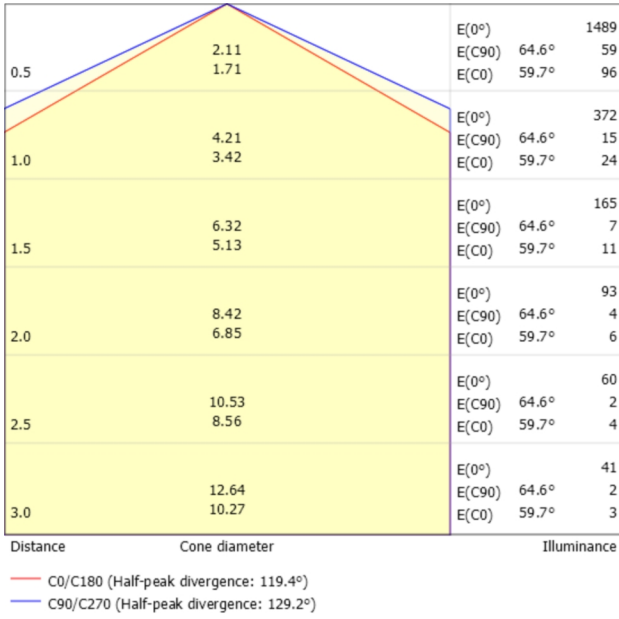
Light output 1 (LED 2400K - CRI 90):

| | |
|-----------------------------|--|
| Lamp type: | LED |
| Lamp power: | 10 W |
| Total luminous flux: | 1000 lm |
| Light efficiency: | 100 lm/W |
| CCT: | 2400 K |
| CRI: | - |
| Light distribution: | (Symmetrical) Wide flood (half value angle 45° ... 125°) |



Data sheet

L6HT836 - Flex Strip Wellness - UWW



Glare evaluation according to UGR

| ρ Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
|-----------|-----|------|---|------|------|------|--|------|------|------|------|
| ρ Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| ρ Floor | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room size | X | Y | Viewing direction at □ right angles to lamp axis | | | | Viewing direction □ parallel to lamp axis | | | | |
| 2H | 2H | 24.4 | 25.8 | 24.8 | 26.1 | 26.4 | 25.6 | 27.0 | 25.9 | 27.2 | 27.5 |
| 2H | 3H | 25.9 | 27.2 | 26.3 | 27.5 | 27.8 | 27.7 | 29.0 | 28.1 | 29.3 | 29.6 |
| 2H | 4H | 26.4 | 27.6 | 26.8 | 27.9 | 28.3 | 28.8 | 30.0 | 29.1 | 30.3 | 30.6 |
| 2H | 6H | 26.8 | 27.9 | 27.2 | 28.2 | 28.6 | 29.9 | 31.0 | 30.3 | 31.3 | 31.7 |
| 2H | 8H | 26.8 | 27.9 | 27.2 | 28.3 | 28.6 | 30.5 | 31.5 | 30.9 | 31.9 | 32.3 |
| 2H | 12H | 26.9 | 27.9 | 27.3 | 28.3 | 28.6 | 31.1 | 32.1 | 31.5 | 32.5 | 32.9 |
| 4H | 2H | 25.3 | 26.5 | 25.6 | 26.8 | 27.1 | 26.1 | 27.3 | 26.5 | 27.7 | 28.0 |
| 4H | 3H | 26.9 | 27.9 | 27.3 | 28.3 | 28.7 | 28.4 | 29.5 | 28.8 | 29.8 | 30.2 |
| 4H | 4H | 27.6 | 28.5 | 28.0 | 28.9 | 29.3 | 29.6 | 30.6 | 30.1 | 31.0 | 31.4 |
| 4H | 6H | 28.0 | 28.9 | 28.5 | 29.3 | 29.7 | 30.9 | 31.7 | 31.4 | 32.1 | 32.6 |
| 4H | 8H | 28.2 | 28.9 | 28.6 | 29.4 | 29.8 | 31.6 | 32.3 | 32.0 | 32.8 | 33.2 |
| 4H | 12H | 28.2 | 28.9 | 28.7 | 29.4 | 29.8 | 32.3 | 33.0 | 32.8 | 33.4 | 33.9 |
| 8H | 4H | 28.1 | 28.8 | 28.5 | 29.3 | 29.7 | 29.9 | 30.6 | 30.3 | 31.1 | 31.5 |
| 8H | 6H | 28.7 | 29.3 | 29.2 | 29.8 | 30.3 | 31.3 | 31.9 | 31.8 | 32.4 | 32.9 |
| 8H | 8H | 28.9 | 29.5 | 29.4 | 30.0 | 30.5 | 32.1 | 32.6 | 32.6 | 33.1 | 33.6 |
| 8H | 12H | 29.0 | 29.5 | 29.6 | 30.0 | 30.6 | 32.9 | 33.4 | 33.5 | 33.9 | 34.5 |
| 12H | 4H | 28.2 | 28.9 | 28.7 | 29.3 | 29.8 | 29.9 | 30.6 | 30.4 | 31.0 | 31.5 |
| 12H | 6H | 28.9 | 29.4 | 29.4 | 29.9 | 30.4 | 31.3 | 31.9 | 31.9 | 32.4 | 32.9 |
| 12H | 8H | 29.1 | 29.6 | 29.7 | 30.1 | 30.7 | 32.2 | 32.6 | 32.7 | 33.1 | 33.7 |

Variation of the observer position for the luminaire distances S

| Correction summand | +0.11,8 | +0.16,0 |
|---|---------|---------|
| S = 1.5H | +0.17,8 | +0.17,0 |
| Standard table | +0.3,6 | +0.4,0 |
| Correction summands referring to 1000lx at 1.5H luminous flux | +0.3,6 | +0.4,0 |

State 02.11.2022

Technical amendments and errors reserved.