

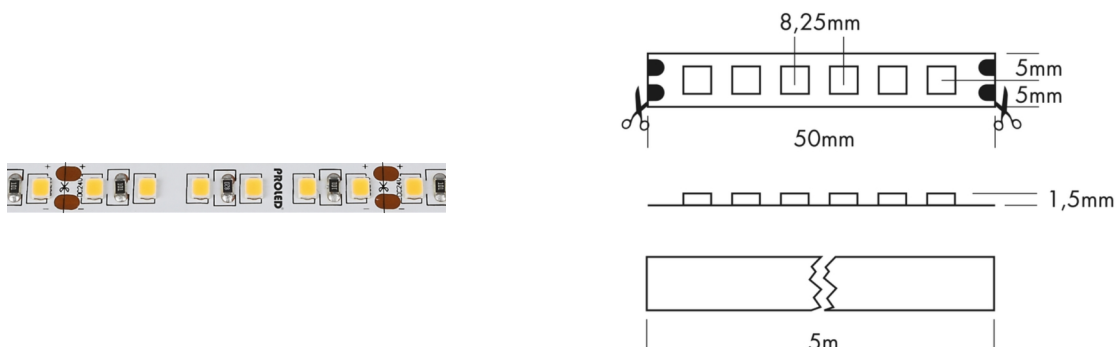
## Data sheet

L66806HL - Flex Strip 600 HE+ Mono - WW

**PROLED®**

Article name: Flex Strip 600 HE+ Mono - WW

Article number: L66806HL



### Article description:

The PROLED FLEX STRIPS are perfect for indirect lighting, as custom made versions for fair or shop applications as well as for all kinds of illumination. Due to their shallow design and the individually adaptable lengths the PROLED FLEX STRIPS offer a wide spectrum of application possibilities.

- High efficiency (100 Lumen per Watt)
- High flexibility - adaptable to round shapes.
- Installation with 3M adhesive tape on the strip's backside (self adhesive)
- dimmable and controllable via DMX 512, DALI, KNX, 1-10V, CASAMBI, RF by MULTI power supplies/controller

### Technical:

**Mounting type:** Surface-mounted on ceiling

**Adjustability:** Fixed

**Controllability:** Dimmable

**Safety:** IP20

**Temperature range:** -10...45 °C

**Lifetime:** 50.000 h at L80B10

#### Electric:

System power: 19 W

Current: 24 V

Safety class: 3

EEL: A++ - A

UGR: 31.44

#### Shape and dimensions:

Length: 1000 mm

Width: 10 mm

Height: 2 mm

Weight: -

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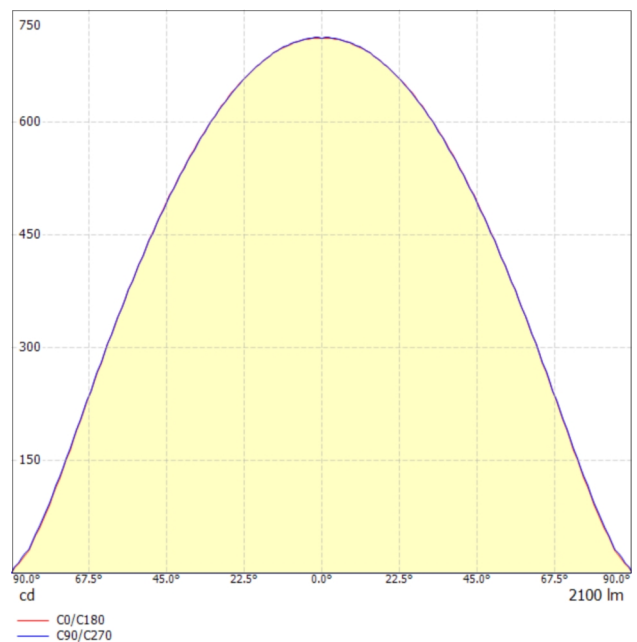
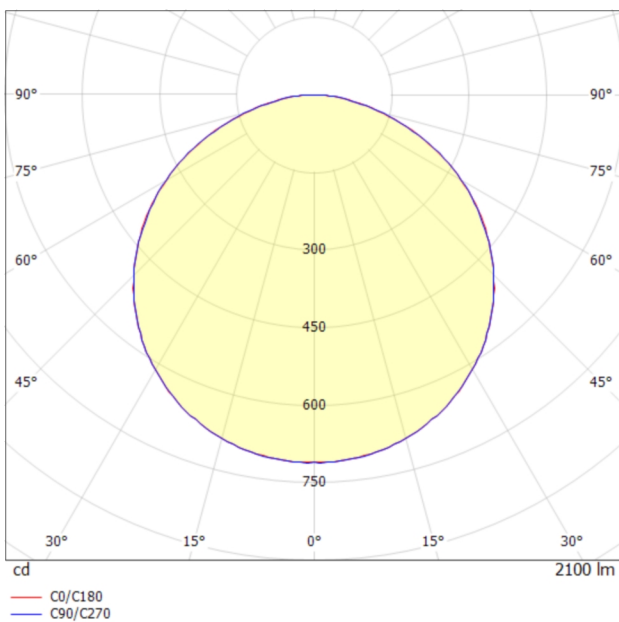
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**Light output 1 (LED 3000K - CRI 90):**

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| <b>Lamp type:</b>           | LED                                                    |
| <b>Lamp power:</b>          | 19 W                                                   |
| <b>Total luminous flux:</b> | 2100 lm                                                |
| <b>Light efficiency:</b>    | 110.5 lm/W                                             |
| <b>CCT:</b>                 | 3000 K                                                 |
| <b>CRI:</b>                 | 90                                                     |
| <b>Light distribution:</b>  | (Symmetrical) Wide flood (half value angle 45°...125°) |



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|                                          |      |                |       |             |
|------------------------------------------|------|----------------|-------|-------------|
| 0.5                                      | 1.58 | E(0°)<br>E(C0) | 57.7° | 988<br>76   |
| 1.0                                      | 3.16 | E(0°)<br>E(C0) | 57.7° | 247<br>19   |
| 1.5                                      | 4.75 | E(0°)<br>E(C0) | 57.7° | 110<br>8    |
| 2.0                                      | 6.33 | E(0°)<br>E(C0) | 57.7° | 62<br>5     |
| 2.5                                      | 7.91 | E(0°)<br>E(C0) | 57.7° | 40<br>3     |
| 3.0                                      | 9.49 | E(0°)<br>E(C0) | 57.7° | 27<br>2     |
| Distance                                 |      | Cone diameter  |       | Illuminance |
| — C0/C180 (Half-peak divergence: 115.4°) |      |                |       |             |

## Glare evaluation according to UGR

|                                                                  |     |                                                   |      |      |      |      |                                            |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|
| p Ceiling                                                        |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |
| p Walls                                                          |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |
| p Floor                                                          |     | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |
| Room size<br>X Y                                                 |     | Viewing direction at<br>right angles to lamp axis |      |      |      |      | Viewing direction<br>parallel to lamp axis |      |      |      |      |
| 2H                                                               | 2H  | 27.6                                              | 28.9 | 27.9 | 29.2 | 29.4 | 27.6                                       | 28.9 | 27.9 | 29.2 | 29.4 |
| 2H                                                               | 3H  | 29.2                                              | 30.4 | 29.5 | 30.6 | 30.9 | 29.2                                       | 30.4 | 29.5 | 30.6 | 30.9 |
| 2H                                                               | 4H  | 29.8                                              | 30.9 | 30.1 | 31.2 | 31.5 | 29.8                                       | 30.9 | 30.1 | 31.2 | 31.5 |
| 2H                                                               | 6H  | 30.2                                              | 31.2 | 30.5 | 31.5 | 31.8 | 30.2                                       | 31.3 | 30.6 | 31.6 | 31.9 |
| 2H                                                               | 8H  | 30.3                                              | 31.3 | 30.7 | 31.6 | 31.9 | 30.3                                       | 31.3 | 30.7 | 31.7 | 32.0 |
| 2H                                                               | 12H | 30.3                                              | 31.3 | 30.7 | 31.6 | 32.0 | 30.4                                       | 31.4 | 30.8 | 31.7 | 32.0 |
| 4H                                                               | 2H  | 28.3                                              | 29.4 | 28.6 | 29.7 | 30.0 | 28.3                                       | 29.4 | 28.6 | 29.7 | 30.0 |
| 4H                                                               | 3H  | 30.0                                              | 31.0 | 30.4 | 31.3 | 31.7 | 30.0                                       | 31.0 | 30.4 | 31.3 | 31.7 |
| 4H                                                               | 4H  | 30.8                                              | 31.6 | 31.2 | 32.0 | 32.3 | 30.8                                       | 31.6 | 31.2 | 32.0 | 32.4 |
| 4H                                                               | 6H  | 31.3                                              | 32.0 | 31.7 | 32.4 | 32.8 | 31.3                                       | 32.1 | 31.7 | 32.4 | 32.9 |
| 4H                                                               | 8H  | 31.4                                              | 32.1 | 31.9 | 32.5 | 33.0 | 31.5                                       | 32.2 | 31.9 | 32.6 | 33.0 |
| 4H                                                               | 12H | 31.5                                              | 32.2 | 32.0 | 32.6 | 33.0 | 31.6                                       | 32.2 | 32.1 | 32.6 | 33.1 |
| 8H                                                               | 4H  | 31.0                                              | 31.7 | 31.5 | 32.1 | 32.5 | 31.1                                       | 31.8 | 31.5 | 32.2 | 32.6 |
| 8H                                                               | 6H  | 31.7                                              | 32.3 | 32.2 | 32.7 | 33.2 | 31.7                                       | 32.3 | 32.2 | 32.7 | 33.2 |
| 8H                                                               | 8H  | 31.9                                              | 32.4 | 32.4 | 32.9 | 33.4 | 32.0                                       | 32.5 | 32.5 | 32.9 | 33.4 |
| 8H                                                               | 12H | 32.1                                              | 32.5 | 32.6 | 33.0 | 33.5 | 32.1                                       | 32.6 | 32.6 | 33.0 | 33.5 |
| 12H                                                              | 4H  | 31.1                                              | 31.7 | 31.5 | 32.1 | 32.5 | 31.1                                       | 31.7 | 31.5 | 32.1 | 32.5 |
| 12H                                                              | 6H  | 31.7                                              | 32.2 | 32.2 | 32.7 | 33.2 | 31.8                                       | 32.3 | 32.3 | 32.7 | 33.2 |
| 12H                                                              | 8H  | 32.0                                              | 32.4 | 32.5 | 32.9 | 33.4 | 32.1                                       | 32.5 | 32.6 | 33.0 | 33.5 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         |     | +0.1 / -0.1                                       |      |      |      |      | +0.1 / -0.1                                |      |      |      |      |
| S = 1.5H                                                         |     | +0.2 / -0.3                                       |      |      |      |      | +0.2 / -0.3                                |      |      |      |      |
| S = 2.0H                                                         |     | +0.4 / -0.7                                       |      |      |      |      | +0.4 / -0.7                                |      |      |      |      |
| Standard table                                                   |     | BK06                                              |      |      |      |      | BK06                                       |      |      |      |      |
| Correction summand                                               |     | 14.8                                              |      |      |      |      | 14.8                                       |      |      |      |      |
| Correction glare indices referring to 2100lm total luminous flux |     |                                                   |      |      |      |      |                                            |      |      |      |      |

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