



## FL-224/O White light. OSRAM 224 LEDs/m

INDOOOR FLEXIBLE LED STRIPS

|                                   |                    |                    |                     |                 |                                  |
|-----------------------------------|--------------------|--------------------|---------------------|-----------------|----------------------------------|
| <b>OSRAM</b><br>High quality LEDs | <br>3 STEP MacAdam | <br>Made in Europe | <br>5-year warranty | <br>UL approved | <b>LM80</b><br>Certified product |
|-----------------------------------|--------------------|--------------------|---------------------|-----------------|----------------------------------|

### General information

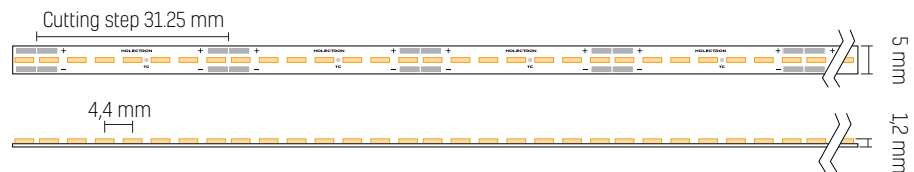
To produce our indoor flexible LED strips, we use 3-step MacAdam OSRAM LEDs from Germany, durable copper PCB and a current stabilization system inside the LED strip.

Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee extra long lifetime and stable performance.

Our flexible LED light strips are designed for long-term professional lighting applications and perfectly fit in any linear or curved applications.

Disclaimer: the product details seen in photo may appear slightly different in real product.

| Lumen package         | 1500 lm/m          | 2100 lm/m       | 2700 lm/m       |
|-----------------------|--------------------|-----------------|-----------------|
| <b>Power</b>          | <b>9,6 W/m</b>     | <b>14,4 W/m</b> | <b>19,2 W/m</b> |
| Maximum length        | 3 m                | 2 m             | 1,5 m           |
| LEDs/m                | 224 LEDs/m         |                 |                 |
| Voltage               | 24VDC (22,5-25VDC) |                 |                 |
| Tape width            | 5 mm               |                 |                 |
| Cutting step          | 31.25 mm           |                 |                 |
| Tc temperature        | <75°C              |                 |                 |
| Operating temperature | -35°C – 50°C       |                 |                 |
| Beam angle            | 120°               |                 |                 |
| Dimmable              | Yes                |                 |                 |
| Strip length per reel | 10 m or 50 m       |                 |                 |



## Order code

Order code example: **FL-224-24/03-830**

Product: **FL-224** - Power: **POWER** / Type: **03** - Spectrum: **SPECTRUM**

**Power options:**  
See table below  
(Lumen values).

**Spectrum options:**  
See table below  
(Lumen values).

## Lumen values

## CRI 80+

|          |         | POWER W/m |                |                |                  |                  |                  |                  |                  |                  |
|----------|---------|-----------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| SPECTRUM | CRI     | KELVINS   | 4<br>(4.8 W/m) | 9<br>(9.6 W/m) | 14<br>(14.4 W/m) | 19<br>(19.2 W/m) | 24<br>(24.0 W/m) | 28<br>(28.8 W/m) | 33<br>(33.8 W/m) | 48<br>(48.0 W/m) |
| 822      | CRI 80+ | 2200K     | -              | 1020 lm/m      | 1571 lm/m        | 2011 lm/m        | -                | -                | -                | -                |
| 825      | CRI 80+ | 2500K     | -              | 1138           | 1750             | 2236             | -                | -                | -                | -                |
| 827      | CRI 80+ | 2700K     | -              | 1285           | 1819             | 2315             | -                | -                | -                | -                |
| 830      | CRI 80+ | 3000K     | -              | 1392           | 1971             | 2509             | -                | -                | -                | -                |
| 835      | CRI 80+ | 3500K     | -              | 1392           | 1971             | 2509             | -                | -                | -                | -                |
| 840      | CRI 80+ | 4000K     | -              | 1511           | 2139             | 2723             | -                | -                | -                | -                |
| 850      | CRI 80+ | 5000K     | -              | 1511           | 2139             | 2723             | -                | -                | -                | -                |
| 865      | CRI 80+ | 6500K     | -              | 1511           | 2139             | 2723             | -                | -                | -                | -                |
|          |         |           | -              | 157 lm/W       | 149 lm/W         | 142 lm/W         | -                | -                | -                | -                |

## CRI 90+

|          |         | POWER W/m |                |                |                  |                  |                  |                  |                  |                  |
|----------|---------|-----------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| SPECTRUM | CRI     | KELVINS   | 4<br>(4.8 W/m) | 9<br>(9.6 W/m) | 14<br>(14.4 W/m) | 19<br>(19.2 W/m) | 24<br>(24.0 W/m) | 28<br>(28.8 W/m) | 33<br>(33.8 W/m) | 48<br>(48.0 W/m) |
| 922      | CRI 90+ | 2200K     | -              | 851 lm/m       | 1330 lm/m        | 1710 lm/m        | -                | -                | -                | -                |
| 927      | CRI 90+ | 2700K     | -              | 968            | 1512             | 1945             | -                | -                | -                | -                |
| 930      | CRI 90+ | 3000K     | -              | 1065           | 1634             | 2087             | -                | -                | -                | -                |
| 935      | CRI 90+ | 3500K     | -              | 1075           | 1652             | 2112             | -                | -                | -                | -                |
| 940      | CRI 90+ | 4000K     | -              | 1049           | 1654             | 2137             | -                | -                | -                | -                |
| 950      | CRI 90+ | 5000K     | -              | 1123           | 1726             | 2207             | -                | -                | -                | -                |
| 965      | CRI 90+ | 6500K     | -              | 1064           | 1667             | 2146             | -                | -                | -                | -                |
|          |         |           | -              | 117 lm/W       | 120 lm/W         | 115 lm/W         | -                | -                | -                | -                |