



White light. Indoor.

FL-56/N White light. NICHIA 56 LEDs/m

INDOOOR FLEXIBLE LED STRIPS

| | | | | | | | |
|---------------------|--------------------|----------------|----------------|-----------------|-------------|---------------------------|-------------------------|
| NICHIA | | | | | | LM80 Certified product | >60 000 hours L90B10 |
| Highest quality LED | Stabilized current | 3 STEP MacAdam | Made in Europe | 5-year warranty | UL approved | | |

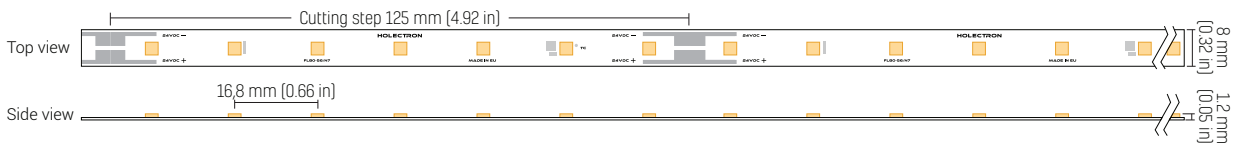
General information

To produce our indoor flexible LED strips, we use 3-step MacAdam NICHIA LEDs from Japan, 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 | 800 lm/m | 1500 lm/m | 2200 lm/m | 2900 lm/m | 3500 lm/m |
|-----------------------|--------------------|-----------|-----------|-----------|-----------|
| Power | 4.8 W/m | 9.6 W/m | 14.4 W/m | 19.2 W/m | 24.0 W/m |
| Maximum length | 10 m | 5 m | 4 m | 3 m | 3 m |
| LEDs/m | 56 LEDs/m | | | | |
| Voltage | 24VDC (22,5-25VDC) | | | | |
| Tape width | 8 mm | | | | |
| Cutting step | 125 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 | | | | |

Technical drawing



Order code

Order code example: **FL-56-24/N3-830**

Product: **FL-56** - Power: **POWER** / Type: **N3** - Spectrum: **SPECTRUM**

Power options:
See table below
(Lumen values).

Spectrum options:
See table below
(Lumen values).

Lumen values

CRI 80+

| SPECTRUM | CRI | KELVINS | POWER W/m | | | | | | | |
|----------|---------|---------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 4 (4.8 W/m) | 9 (9.6 W/m) | 14 (14.4 W/m) | 19 (19.2 W/m) | 24 (24.0 W/m) | 28 (28.8 W/m) | 33 (33.6 W/m) | 48 (48.0 W/m) |
| 820 | CRI 80+ | 2000K | 530 lm/m | 1003 lm/m | 1434 lm/m | 1881 lm/m | 2296 lm/m | - | - | - |
| 822 | CRI 80+ | 2200K | 573 | 1084 | 1550 | 2033 | 2482 | - | - | - |
| 825 | CRI 80+ | 2500K | 636 | 1204 | 1720 | 2257 | 2756 | - | - | - |
| 827 | CRI 80+ | 2700K | 747 | 1413 | 2019 | 2649 | 3235 | - | - | - |
| 830 | CRI 80+ | 3000K | 769 | 1456 | 2080 | 2730 | 3332 | - | - | - |
| 835 | CRI 80+ | 3500K | 774 | 1464 | 2093 | 2746 | 3352 | - | - | - |
| 840 | CRI 80+ | 4000K | 774 | 1464 | 2093 | 2746 | 3352 | - | - | - |
| 850 | CRI 80+ | 5000K | 834 | 1573 | 2243 | 2938 | 3582 | - | - | - |
| 857 | CRI 80+ | 5700K | 796 | 1500 | 2140 | 2802 | 3417 | - | - | - |
| 865 | CRI 80+ | 6500K | 796 | 1500 | 2140 | 2802 | 3417 | - | - | - |
| | | | 174 lm/W | 164 lm/W | 156 lm/W | 153 lm/W | 149 lm/W | - | - | - |

CRI 90+

| SPECTRUM | CRI | KELVINS | POWER W/m | | | | | | | |
|----------|---------|---------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 4 (4.8 W/m) | 9 (9.6 W/m) | 14 (14.4 W/m) | 19 (19.2 W/m) | 24 (24.0 W/m) | 28 (28.8 W/m) | 33 (33.6 W/m) | 48 (48.0 W/m) |
| 920 | CRI 90+ | 2000K | 451 lm/m | 842 lm/m | 1191 lm/m | 1550 lm/m | 1881 lm/m | - | - | - |
| 922 | CRI 90+ | 2200K | 488 | 911 | 1289 | 1677 | 2035 | - | - | - |
| 925 | CRI 90+ | 2500K | 530 | 988 | 1398 | 1819 | 2208 | - | - | - |
| 927 | CRI 90+ | 2700K | 628 | 1182 | 1681 | 2197 | 2675 | - | - | - |
| 930 | CRI 90+ | 3000K | 644 | 1211 | 1724 | 2253 | 2743 | - | - | - |
| 935 | CRI 90+ | 3500K | 660 | 1241 | 1766 | 2309 | 2811 | - | - | - |
| 940 | CRI 90+ | 4000K | 667 | 1254 | 1785 | 2333 | 2840 | - | - | - |
| 950 | CRI 90+ | 5000K | 703 | 1326 | 1890 | 2474 | 3015 | - | - | - |
| 957 | CRI 90+ | 5700K | 698 | 1317 | 1878 | 2458 | 2995 | - | - | - |
| 965 | CRI 90+ | 6500K | 694 | 1309 | 1866 | 2442 | 2976 | - | - | - |
| | | | 146 lm/W | 138 lm/W | 131 lm/W | 129 lm/W | 126 lm/W | - | - | - |

CRI 98+

| SPECTRUM | CRI | KELVINS | POWER W/m | | | | | | | |
|----------|---------|---------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 4 (4.8 W/m) | 9 (9.6 W/m) | 14 (14.4 W/m) | 19 (19.2 W/m) | 24 (24.0 W/m) | 28 (28.8 W/m) | 33 (33.6 W/m) | 48 (48.0 W/m) |
| 027 | CRI 98+ | 2700K | 526 lm/m | 977 lm/m | 1382 lm/m | 1801 lm/m | 2187 lm/m | - | - | - |
| 030 | CRI 98+ | 3000K | 538 | 998 | 1412 | 1840 | 2235 | - | - | - |
| 035 | CRI 98+ | 3500K | 549 | 1020 | 1443 | 1880 | 2283 | - | - | - |
| 040 | CRI 98+ | 4000K | 556 | 1032 | 1461 | 1904 | 2312 | - | - | - |
| 050 | CRI 98+ | 5000K | 596 | 1115 | 1584 | 2070 | 2519 | - | - | - |
| | | | 124 lm/W | 118 lm/W | 110 lm/W | 108 lm/W | 105 lm/W | - | - | - |

SPECIAL

| SPECTRUM | CRI | KELVINS | POWER W/m | | | | | | | |
|----------|---------|---------------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 4 (4.8 W/m) | 9 (9.6 W/m) | 14 (14.4 W/m) | 19 (19.2 W/m) | 24 (24.0 W/m) | 28 (28.8 W/m) | 33 (33.6 W/m) | 48 (48.0 W/m) |
| W30 | SPECIAL | White fabrics 3000K | | | | | | - | - | - |
| W32 | SPECIAL | White fabrics 3200K | | | | | | - | - | - |
| W35 | SPECIAL | White fabrics 3500K | | | | | | - | - | - |
| W40 | SPECIAL | White fabrics 4000K | | | | | | - | - | - |
| P27 | SPECIAL | Produce 2700K | | | | | | - | - | - |
| P30 | SPECIAL | Produce 3000K | | | | | | - | - | - |
| P35 | SPECIAL | Produce 3500K | | | | | | - | - | - |
| P40 | SPECIAL | Produce 4000K | | | | | | - | - | - |
| P50 | SPECIAL | Produce 5000K | | | | | | - | - | - |
| MEAT | SPECIAL | Meat | | | | | | - | - | - |
| MEAT-R | SPECIAL | Meat (richer) | | | | | | - | - | - |

Luminous flux values coming soon