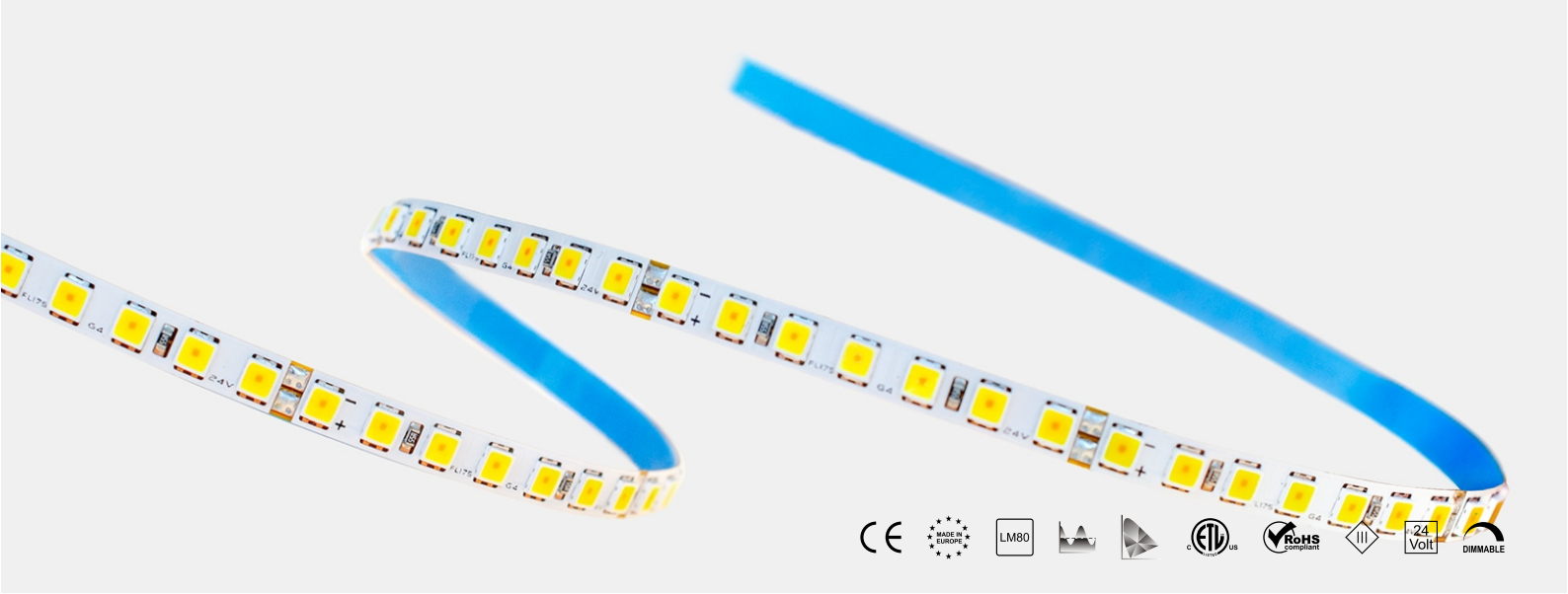
# D175
## STATIC WHITE



### MONOFLEX-D175

A flexible linear LED tape manufactured using a durable copper PCB incorporating 175 high-quality LEDs from Osram and Lumileds, ensuring high performance, whilst single bin selection and 3-step MacAdam colour consistency delivery imperceptible colour and brightness variation.

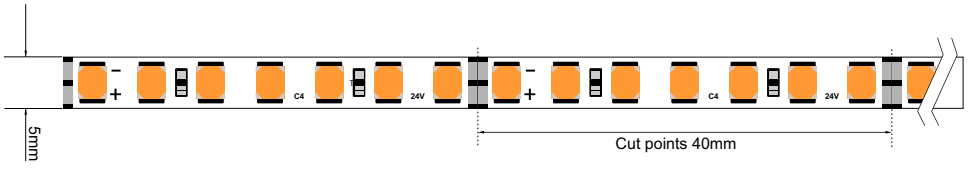
A thermally conductive adhesive tape guarantees perfect heat transfer to the profile. Designed for professional interior lighting applications where stable, consistent and reliable performance is required.

### FEATURES

// Osram & Lumiled LEDs
// 24vdc input voltage (SELV)
// 175 LEDs/m - 40mm cutting steps
// 9.6w /m / 14.4w/m / 19.2w/m
// Up to 2821 lumens/m
// 3 Step MacAdam LEDs
// CRI ≥Ra80 / ≥Ra90
// 5mm wide copper PCB
// Thermal conductive adhesive tape for better heat conduction

### TECHNICAL

| | |
|---|---|
| **Input voltage:** | 24VDC [22.5~25VDC] |
| **Current control:** | On-board integrated controller (IC) |
| **Reverse voltage protection:** | On-board Schottky diode |
| **Operating temperature (Ta):** | -25 °C ~ 50 °C |
| **PCB Temperature (Tc max):** | <75 °C |
| **Dimmable:** | PWM (Pulse-Width Modulation) |
| **Beam angle:** | 120 (cosine) |



# D175
## STATIC WHITE

### PRODUCT CODE EXAMPLE

| PRODUCT | | POWER | | PCB | | CCT |
|---|---|---|---|---|---|---|
| D175 | / | 19 | - | D4 | - | 927 |

### CRI 80+

| SPECTRUM | | | | POWER | 9 | 14 | 19 |
|---|---|---|---|---|---|---|---|
| | | | | | 9.6W/m | 14.4W/m | 19.2W/m |
| 822 | Osram | 2200K | | LUMENS/M | 1125 | 1668 | 2212 |
| 827 | Osram | 2700K | | | 1280 | 1896 | 2514 |
| 830 | Osram | 3000K | | | 1280 | 1896 | 2514 |
| 835 | Osram | 3500K | | | 1358 | 2011 | 2667 |
| 840 | Osram | 4000K | | | 1358 | 2011 | 2667 |
| 850 | Osram | 5000K | | | 1436 | 2126 | 2821 |
| 857 | Osram | 5700K | | | 1436 | 2126 | 2821 |
| 865 | Osram | 6500K | | | 1436 | 2126 | 2821 |

### CRI 90+

| SPECTRUM | | | | POWER | 9 | 14 | 19 |
|---|---|---|---|---|---|---|---|
| | | | | | 9.6W/m | 14.4W/m | 19.2W/m |
| 922 | Lumileds | 2200K | | LUMENS/M | 923 | 1375 | 1815 |
| 927 | Lumileds | 2700K | | | 1060 | 1579 | 2086 |
| 930 | Lumileds | 3000K | | | 1126 | 1681 | 2221 |
| 935 | Lumileds | 3500K | | | 1195 | 1784 | 2351 |
| 940 | Lumileds | 4000K | | | 1263 | 1886 | 2486 |
| 950 | Lumileds | 5000K | | | 1331 | 1988 | 2621 |
| 957 | Lumileds | 5700K | | | 1400 | 2091 | 2757 |
| 965 | Lumileds | 6500K | | | 1400 | 2091 | 2757 |

**Disclaimer:**
Technical data is subject to change without prior notice. The data provide represent typical values.
Due to tolerances in the production of components and binning of LEDs, values for lumen output (Lm), colour temperature (CCT) and power (W/m) can vary up to 10%.
Electrical and thermal variation also influences the performance characteristics of LEDs