

Architape Pro 50 TW

Flexible tuneable white LED strips



Architape Pro 50 TW LED strips are the ideal choice for applications where the human circadian rhythm effect needs to be considered. Containing 56 warm white and 56 cool white Nichia LEDs per meter, they are designed for long-term, professional use in person-centred lighting.

They offer an extra-long operating life and stable performance, through a combination of a robust and flexible copper PCB, high-end LEDs and a current stabilization system.

Exceptional thermal stability is achieved by using a special thermally conductive tape which guarantees perfect heat transfer to the mounting surface.

Key features

- Wide 2000K-6500K white colour range
- High CRI Ra80+ or Ra90+ or Ra95+
- 9.6 W/m, 19.2 W/m or 33.4 W/m power consumption
- 24V DC voltage input
 - Reverse voltage protection
 - Dimmable
- High quality components, NICHIA LED chips
 - 3 Step MacAdam or single bin LEDs
- Thick and durable copper PCB
- Stabilized current design
- Thermal conductive adhesive tape on back side for better heat conduction
- Compact 8 mm width
- Can be cut in 125 mm length segments

Applications

- Advertising
- Backlighting
- Cove lighting
- Furniture illumination
- General LED lighting
- Linear LED lighting
- Signage

Specification

Product	Power	Voltage	CRI (warm)	CCT (warm)	CRI (cold)	CCT (cold)	Lumen output	Efficacy
TW-50-10-N4-820/865	9.6 W/m	24 V	CRI 80+	2000K	CRI 80+	6500K	1255 lm/m	131 Lm/W
TW-50-10-N4-920/965	9.6 W/m	24 V	CRI 90+	2000K	CRI 90+	6500K	1084 lm/m	113 Lm/W
TW-50-10-N4-030/050	9.6 W/m	24 V	CRI 95+	3000K	CRI 95+	5000K	1047 lm/m	109 Lm/W
TW-50-20-N4-820/865	19.2 W/m	24 V	CRI 80+	2000K	CRI 80+	6500K	2491 lm/m	130 Lm/W
TW-50-20-N4-920/965	19.2 W/m	24 V	CRI 90+	2000K	CRI 90+	6500K	2124 lm/m	111 Lm/W
TW-50-20-N4-030/050	19.2 W/m	24 V	CRI 95+	3000K	CRI 95+	5000K	2050 lm/m	107 Lm/W
TW-50-35-N4-820/865	33.4 W/m	24 V	CRI 80+	2000K	CRI 80+	6500K	4219 lm/m	126 Lm/W
TW-50-35-N4-920/965	33.4 W/m	24 V	CRI 90+	2000K	CRI 90+	6500K	3565 lm/m	107 Lm/W
TW-50-35-N4-030/050	33.4 W/m	24 V	CRI 95+	3000K	CRI 95+	5000K	3439 lm/m	103 Lm/W

Table only shows products with the maximum colour temperature range. Please contact us for information on products with other values.

