

## Architape Pro 100

### Flexible white LED strips



Architape Pro 100 LED strips are a powerful, long-term solution for a wide range of professional lighting applications including direct, task and decorative lighting. These flexible LED strips are also ideal for curved applications and furniture illumination.

Featuring 112 NICHIA LEDs/m, they deliver a highly homogenous light output. Smart design, quality components and a highly-accurate production process ensures stable operation and a long lifetime.

Excellent thermal properties are the result of a flexible copper PCB and current stabilisation system, in combination with a special double-sided thermally conductive tape which ensures perfect heat transfer to the mounting surface.

#### Key features

- Wide 2000K-6500K white colour range
- High CRI Ra80+ or Ra90+ or Ra95+
- Available in a range of power consumptions: 4.8 W/m, 9.6 W/m, 14.4 W/m, 19.2 W/m and 24.0 W/m
- 24V DC voltage input
  - Reverse voltage protection
  - Dimmable
- Highest quality 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 62.5 mm length segments

#### Applications

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

#### Dimensions



**Specification**

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-100-5-N5-920	4.8 W/m	24 V	CRI 90+	2000K	425 Lm/m	89 Lm/W
AP-100-5-N5-922	4.8 W/m	24 V	CRI 90+	2200K	465 Lm/m	97 Lm/W
AP-100-5-N5-925	4.8 W/m	24 V	CRI 90+	2500K	499 Lm/m	104 Lm/W
AP-100-5-N5-927	4.8 W/m	24 V	CRI 90+	2700K	701 Lm/m	146 Lm/W
AP-100-5-N5-930	4.8 W/m	24 V	CRI 90+	3000K	737 Lm/m	154 Lm/W
AP-100-5-N5-935	4.8 W/m	24 V	CRI 90+	3500K	755 Lm/m	157 Lm/W
AP-100-5-N5-940	4.8 W/m	24 V	CRI 90+	4000K	766 Lm/m	160 Lm/W
AP-100-5-N5-950	4.8 W/m	24 V	CRI 90+	5000K	768 Lm/m	160 Lm/W
AP-100-5-N5-957	4.8 W/m	24 V	CRI 90+	5700K	741 Lm/m	154 Lm/W
AP-100-5-N5-965	4.8 W/m	24 V	CRI 90+	6500K	741 Lm/m	154 Lm/W
AP-100-5-N5-027	4.8 W/m	24 V	CRI 95+	2700K	491 Lm/m	102 Lm/W
AP-100-5-N5-030	4.8 W/m	24 V	CRI 95+	3000K	501 Lm/m	104 Lm/W
AP-100-5-N5-035	4.8 W/m	24 V	CRI 95+	3500K	512 Lm/m	107 Lm/W
AP-100-5-N5-040	4.8 W/m	24 V	CRI 95+	4000K	519 Lm/m	108 Lm/W
AP-100-5-N5-050	4.8 W/m	24 V	CRI 95+	5000K	554 Lm/m	115 Lm/W
AP-100-10-N5-920	9.6 W/m	24 V	CRI 90+	2000K	840 Lm/m	88 Lm/W
AP-100-10-N5-922	9.6 W/m	24 V	CRI 90+	2200K	908 Lm/m	95 Lm/W
AP-100-10-N5-925	9.6 W/m	24 V	CRI 90+	2500K	986 Lm/m	103 Lm/W
AP-100-10-N5-927	9.6 W/m	24 V	CRI 90+	2700K	1390 Lm/m	145 Lm/W
AP-100-10-N5-930	9.6 W/m	24 V	CRI 90+	3000K	1460 Lm/m	152 Lm/W
AP-100-10-N5-935	9.6 W/m	24 V	CRI 90+	3500K	1497 Lm/m	156 Lm/W
AP-100-10-N5-940	9.6 W/m	24 V	CRI 90+	4000K	1518 Lm/m	158 Lm/W
AP-100-10-N5-950	9.6 W/m	24 V	CRI 90+	5000K	1524 Lm/m	159 Lm/W
AP-100-10-N5-957	9.6 W/m	24 V	CRI 90+	5700K	1470 Lm/m	153 Lm/W
AP-100-10-N5-965	9.6 W/m	24 V	CRI 90+	6500K	1470 Lm/m	153 Lm/W
AP-100-10-N5-027	9.6 W/m	24 V	CRI 95+	2700K	973 Lm/m	101 Lm/W
AP-100-10-N5-030	9.6 W/m	24 V	CRI 95+	3000K	994 Lm/m	104 Lm/W
AP-100-10-N5-035	9.6 W/m	24 V	CRI 95+	3500K	1015 Lm/m	106 Lm/W
AP-100-10-N5-040	9.6 W/m	24 V	CRI 95+	4000K	1028 Lm/m	107 Lm/W
AP-100-10-N5-050	9.6 W/m	24 V	CRI 95+	5000K	1101 Lm/m	115 Lm/W

**Specification**

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-100-15-N5-920	14.4 W/m	24 V	CRI 90+	2000K	1244 Lm/m	86 Lm/W
AP-100-15-N5-922	14.4 W/m	24 V	CRI 90+	2200K	1346 Lm/m	93 Lm/W
AP-100-15-N5-925	14.4 W/m	24 V	CRI 90+	2500K	1460 Lm/m	101 Lm/W
AP-100-15-N5-927	14.4 W/m	24 V	CRI 90+	2700K	2065 Lm/m	143 Lm/W
AP-100-15-N5-930	14.4 W/m	24 V	CRI 90+	3000K	2170 Lm/m	151 Lm/W
AP-100-15-N5-935	14.4 W/m	24 V	CRI 90+	3500K	2226 Lm/m	155 Lm/W
AP-100-15-N5-940	14.4 W/m	24 V	CRI 90+	4000K	2257 Lm/m	157 Lm/W
AP-100-15-N5-950	14.4 W/m	24 V	CRI 90+	5000K	2268 Lm/m	158 Lm/W
AP-100-15-N5-957	14.4 W/m	24 V	CRI 90+	5700K	2188 Lm/m	152 Lm/W
AP-100-15-N5-965	14.4 W/m	24 V	CRI 90+	6500K	2188 Lm/m	152 Lm/W
AP-100-15-N5-027	14.4 W/m	24 V	CRI 95+	2700K	1443 Lm/m	100 Lm/W
AP-100-15-N5-030	14.4 W/m	24 V	CRI 95+	3000K	1475 Lm/m	102 Lm/W
AP-100-15-N5-035	14.4 W/m	24 V	CRI 95+	3500K	1506 Lm/m	105 Lm/W
AP-100-15-N5-040	14.4 W/m	24 V	CRI 95+	4000K	1525 Lm/m	106 Lm/W
AP-100-15-N5-050	14.4 W/m	24 V	CRI 95+	5000K	1637 Lm/m	114 Lm/W
AP-100-20-N5-920	19.2 W/m	24 V	CRI 90+	2000K	1637 Lm/m	85 Lm/W
AP-100-20-N5-922	19.2 W/m	24 V	CRI 90+	2200K	1771 Lm/m	92 Lm/W
AP-100-20-N5-925	19.2 W/m	24 V	CRI 90+	2500K	1921 Lm/m	100 Lm/W
AP-100-20-N5-927	19.2 W/m	24 V	CRI 90+	2700K	2729 Lm/m	142 Lm/W
AP-100-20-N5-930	19.2 W/m	24 V	CRI 90+	3000K	2868 Lm/m	149 Lm/W
AP-100-20-N5-935	19.2 W/m	24 V	CRI 90+	3500K	2941 Lm/m	153 Lm/W
AP-100-20-N5-940	19.2 W/m	24 V	CRI 90+	4000K	2982 Lm/m	155 Lm/W
AP-100-20-N5-950	19.2 W/m	24 V	CRI 90+	5000K	2999 Lm/m	156 Lm/W
AP-100-20-N5-957	19.2 W/m	24 V	CRI 90+	5700K	2893 Lm/m	151 Lm/W
AP-100-20-N5-965	19.2 W/m	24 V	CRI 90+	6500K	2893 Lm/m	151 Lm/W
AP-100-20-N5-027	19.2 W/m	24 V	CRI 95+	2700K	1900 Lm/m	99 Lm/W
AP-100-20-N5-030	19.2 W/m	24 V	CRI 95+	3000K	1942 Lm/m	101 Lm/W
AP-100-20-N5-035	19.2 W/m	24 V	CRI 95+	3500K	1984 Lm/m	103 Lm/W
AP-100-20-N5-040	19.2 W/m	24 V	CRI 95+	4000K	2009 Lm/m	105 Lm/W
AP-100-20-N5-050	19.2 W/m	24 V	CRI 95+	5000K	2159 Lm/m	112 Lm/W

**Specification**

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-100-25-N5-920	24.0 W/m	24 V	CRI 90+	2000K	2020 Lm/m	84 Lm/W
AP-100-25-N5-922	24.0 W/m	24 V	CRI 90+	2200K	2185 Lm/m	91 Lm/W
AP-100-25-N5-925	24.0 W/m	24 V	CRI 90+	2500K	2370 Lm/m	99 Lm/W
AP-100-25-N5-927	24.0 W/m	24 V	CRI 90+	2700K	3381 Lm/m	141 Lm/W
AP-100-25-N5-930	24.0 W/m	24 V	CRI 90+	3000K	3552 Lm/m	148 Lm/W
AP-100-25-N5-935	24.0 W/m	24 V	CRI 90+	3500K	3643 Lm/m	152 Lm/W
AP-100-25-N5-940	24.0 W/m	24 V	CRI 90+	4000K	3694 Lm/m	154 Lm/W
AP-100-25-N5-950	24.0 W/m	24 V	CRI 90+	5000K	3717 Lm/m	155 Lm/W
AP-100-25-N5-957	24.0 W/m	24 V	CRI 90+	5700K	3586 Lm/m	149 Lm/W
AP-100-25-N5-965	24.0 W/m	24 V	CRI 90+	6500K	3586 Lm/m	149 Lm/W
AP-100-25-N5-027	24.0 W/m	24 V	CRI 95+	2700K	2345 Lm/m	98 Lm/W
AP-100-25-N5-030	24.0 W/m	24 V	CRI 95+	3000K	2396 Lm/m	100 Lm/W
AP-100-25-N5-035	24.0 W/m	24 V	CRI 95+	3500K	2448 Lm/m	102 Lm/W
AP-100-25-N5-040	24.0 W/m	24 V	CRI 95+	4000K	2478 Lm/m	103 Lm/W
AP-100-25-N5-050	24.0 W/m	24 V	CRI 95+	5000K	2667 Lm/m	111 Lm/W