

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+
- 4.8 W/m power consumption
- 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-N5-820	4.8 W/m	24 V	CRI 80+	2000K	490 Lm/m	102 Lm/W
AP-100-5-N5-822	4.8 W/m	24 V	CRI 80+	2200K	531 Lm/m	111 Lm/W
AP-100-5-N5-825	4.8 W/m	24 V	CRI 80+	2500K	581 Lm/m	121 Lm/W
AP-100-5-N5-827	4.8 W/m	24 V	CRI 80+	2700K	679 Lm/m	141 Lm/W
AP-100-5-N5-830	4.8 W/m	24 V	CRI 80+	3000K	700 Lm/m	146 Lm/W
AP-100-5-N5-835	4.8 W/m	24 V	CRI 80+	3500K	716 Lm/m	149 Lm/W
AP-100-5-N5-840	4.8 W/m	24 V	CRI 80+	4000K	718 Lm/m	150 Lm/W
AP-100-5-N5-850	4.8 W/m	24 V	CRI 80+	5000K	789 Lm/m	164 Lm/W
AP-100-5-N5-857	4.8 W/m	24 V	CRI 80+	5700K	761 Lm/m	159 Lm/W
AP-100-5-N5-865	4.8 W/m	24 V	CRI 80+	6500K	761 Lm/m	159 Lm/W
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	602 Lm/m	125 Lm/W
AP-100-5-N5-930	4.8 W/m	24 V	CRI 90+	3000K	619 Lm/m	129 Lm/W
AP-100-5-N5-935	4.8 W/m	24 V	CRI 90+	3500K	634 Lm/m	132 Lm/W
AP-100-5-N5-940	4.8 W/m	24 V	CRI 90+	4000K	640 Lm/m	133 Lm/W
AP-100-5-N5-950	4.8 W/m	24 V	CRI 90+	5000K	675 Lm/m	141 Lm/W
AP-100-5-N5-957	4.8 W/m	24 V	CRI 90+	5700K	671 Lm/m	140 Lm/W
AP-100-5-N5-965	4.8 W/m	24 V	CRI 90+	6500K	667 Lm/m	139 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

Specification

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-100-10-N5-820	9.6 W/m	24 V	CRI 80+	2000K	1002 Lm/m	104 Lm/W
AP-100-10-N5-822	9.6 W/m	24 V	CRI 80+	2200K	1084 Lm/m	113 Lm/W
AP-100-10-N5-825	9.6 W/m	24 V	CRI 80+	2500K	1187 Lm/m	124 Lm/W
AP-100-10-N5-827	9.6 W/m	24 V	CRI 80+	2700K	1388 Lm/m	145 Lm/W
AP-100-10-N5-830	9.6 W/m	24 V	CRI 80+	3000K	1429 Lm/m	149 Lm/W
AP-100-10-N5-835	9.6 W/m	24 V	CRI 80+	3500K	1462 Lm/m	152 Lm/W
AP-100-10-N5-840	9.6 W/m	24 V	CRI 80+	4000K	1466 Lm/m	153 Lm/W
AP-100-10-N5-850	9.6 W/m	24 V	CRI 80+	5000K	1563 Lm/m	163 Lm/W
AP-100-10-N5-857	9.6 W/m	24 V	CRI 80+	5700K	1508 Lm/m	157 Lm/W
AP-100-10-N5-865	9.6 W/m	24 V	CRI 80+	6500K	1508 Lm/m	157 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	1197 Lm/m	125 Lm/W
AP-100-10-N5-930	9.6 W/m	24 V	CRI 90+	3000K	1231 Lm/m	128 Lm/W
AP-100-10-N5-935	9.6 W/m	24 V	CRI 90+	3500K	1261 Lm/m	131 Lm/W
AP-100-10-N5-940	9.6 W/m	24 V	CRI 90+	4000K	1274 Lm/m	133 Lm/W
AP-100-10-N5-950	9.6 W/m	24 V	CRI 90+	5000K	1346 Lm/m	140 Lm/W
AP-100-10-N5-957	9.6 W/m	24 V	CRI 90+	5700K	1337 Lm/m	139 Lm/W
AP-100-10-N5-965	9.6 W/m	24 V	CRI 90+	6500K	1329 Lm/m	138 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-N5-820	14.4 W/m	24 V	CRI 80+	2000K	1516 Lm/m	105 Lm/W
AP-100-15-N5-822	14.4 W/m	24 V	CRI 80+	2200K	1640 Lm/m	114 Lm/W
AP-100-15-N5-825	14.4 W/m	24 V	CRI 80+	2500K	1796 Lm/m	125 Lm/W
AP-100-15-N5-827	14.4 W/m	24 V	CRI 80+	2700K	2100 Lm/m	146 Lm/W
AP-100-15-N5-830	14.4 W/m	24 V	CRI 80+	3000K	2162 Lm/m	150 Lm/W
AP-100-15-N5-835	14.4 W/m	24 V	CRI 80+	3500K	2212 Lm/m	154 Lm/W
AP-100-15-N5-840	14.4 W/m	24 V	CRI 80+	4000K	2218 Lm/m	154 Lm/W
AP-100-15-N5-850	14.4 W/m	24 V	CRI 80+	5000K	2324 Lm/m	161 Lm/W
AP-100-15-N5-857	14.4 W/m	24 V	CRI 80+	5700K	2242 Lm/m	156 Lm/W
AP-100-15-N5-865	14.4 W/m	24 V	CRI 80+	6500K	2242 Lm/m	156 Lm/W
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	1781 Lm/m	124 Lm/W
AP-100-15-N5-930	14.4 W/m	24 V	CRI 90+	3000K	1832 Lm/m	127 Lm/W
AP-100-15-N5-935	14.4 W/m	24 V	CRI 90+	3500K	1876 Lm/m	130 Lm/W
AP-100-15-N5-940	14.4 W/m	24 V	CRI 90+	4000K	1895 Lm/m	132 Lm/W
AP-100-15-N5-950	14.4 W/m	24 V	CRI 90+	5000K	2004 Lm/m	139 Lm/W
AP-100-15-N5-957	14.4 W/m	24 V	CRI 90+	5700K	1992 Lm/m	138 Lm/W
AP-100-15-N5-965	14.4 W/m	24 V	CRI 90+	6500K	1992 Lm/m	138 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

Specification

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-100-20-N5-820	19.2 W/m	24 V	CRI 80+	2000K	2021 Lm/m	105 Lm/W
AP-100-20-N5-822	19.2 W/m	24 V	CRI 80+	2200K	2186 Lm/m	114 Lm/W
AP-100-20-N5-825	19.2 W/m	24 V	CRI 80+	2500K	2393 Lm/m	125 Lm/W
AP-100-20-N5-827	19.2 W/m	24 V	CRI 80+	2700K	2799 Lm/m	146 Lm/W
AP-100-20-N5-830	19.2 W/m	24 V	CRI 80+	3000K	2882 Lm/m	150 Lm/W
AP-100-20-N5-835	19.2 W/m	24 V	CRI 80+	3500K	2948 Lm/m	154 Lm/W
AP-100-20-N5-840	19.2 W/m	24 V	CRI 80+	4000K	2957 Lm/m	154 Lm/W
AP-100-20-N5-850	19.2 W/m	24 V	CRI 80+	5000K	3070 Lm/m	160 Lm/W
AP-100-20-N5-857	19.2 W/m	24 V	CRI 80+	5700K	2963 Lm/m	154 Lm/W
AP-100-20-N5-865	19.2 W/m	24 V	CRI 80+	6500K	2963 Lm/m	154 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	2350 Lm/m	122 Lm/W
AP-100-20-N5-930	19.2 W/m	24 V	CRI 90+	3000K	2416 Lm/m	126 Lm/W
AP-100-20-N5-935	19.2 W/m	24 V	CRI 90+	3500K	2475 Lm/m	129 Lm/W
AP-100-20-N5-940	19.2 W/m	24 V	CRI 90+	4000K	2500 Lm/m	130 Lm/W
AP-100-20-N5-950	19.2 W/m	24 V	CRI 90+	5000K	2647 Lm/m	138 Lm/W
AP-100-20-N5-957	19.2 W/m	24 V	CRI 90+	5700K	2630 Lm/m	137 Lm/W
AP-100-20-N5-965	19.2 W/m	24 V	CRI 90+	6500K	2613 Lm/m	136 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-N5-820	24.0 W/m	24 V	CRI 80+	2000K	2509 Lm/m	105 Lm/W
AP-100-25-N5-822	24.0 W/m	24 V	CRI 80+	2200K	2715 Lm/m	113 Lm/W
AP-100-25-N5-825	24.0 W/m	24 V	CRI 80+	2500K	2972 Lm/m	124 Lm/W
AP-100-25-N5-827	24.0 W/m	24 V	CRI 80+	2700K	3476 Lm/m	145 Lm/W
AP-100-25-N5-830	24.0 W/m	24 V	CRI 80+	3000K	3579 Lm/m	149 Lm/W
AP-100-25-N5-835	24.0 W/m	24 V	CRI 80+	3500K	3662 Lm/m	153 Lm/W
AP-100-25-N5-840	24.0 W/m	24 V	CRI 80+	4000K	3672 Lm/m	153 Lm/W
AP-100-25-N5-850	24.0 W/m	24 V	CRI 80+	5000K	3804 Lm/m	159 Lm/W
AP-100-25-N5-857	24.0 W/m	24 V	CRI 80+	5700K	3670 Lm/m	153 Lm/W
AP-100-25-N5-865	24.0 W/m	24 V	CRI 80+	6500K	3670 Lm/m	153 Lm/W
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