

Architape Pro 175 White

Flexible white LED strips



Architape Pro 175 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 175 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.

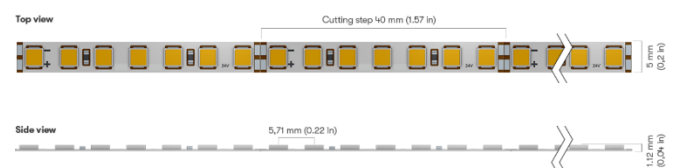
Key features

- Wide 2000K-6500K white colour range
- High CRI Ra80+ or Ra90+ or Ra95+
- 9.6 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 5 mm width
- Can be cut in 40 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-175-5-N4-027	4.8 W/m	24 V	CRI 95+	2700K	491 Lm/m	102 Lm/W
AP-175-5-N4-030	4.8 W/m	24 V	CRI 95+	3000K	502 Lm/m	105 Lm/W
AP-175-5-N4-035	4.8 W/m	24 V	CRI 95+	3500K	513 Lm/m	107 Lm/W
AP-175-5-N4-040	4.8 W/m	24 V	CRI 95+	4000K	519 Lm/m	108 Lm/W
AP-175-5-N4-050	4.8 W/m	24 V	CRI 95+	5000K	555 Lm/m	116 Lm/W
AP-175-5-N4-820	4.8 W/m	24 V	CRI 80+	2000K	487 Lm/m	101 Lm/W
AP-175-5-N4-822	4.8 W/m	24 V	CRI 80+	2200K	527 Lm/m	110 Lm/W
AP-175-5-N4-825	4.8 W/m	24 V	CRI 80+	2500K	577 Lm/m	120 Lm/W
AP-175-5-N4-827	4.8 W/m	24 V	CRI 80+	2700K	675 Lm/m	141 Lm/W
AP-175-5-N4-830	4.8 W/m	24 V	CRI 80+	3000K	695 Lm/m	145 Lm/W
AP-175-5-N4-835	4.8 W/m	24 V	CRI 80+	3500K	711 Lm/m	148 Lm/W
AP-175-5-N4-840	4.8 W/m	24 V	CRI 80+	4000K	713 Lm/m	149 Lm/W
AP-175-5-N4-850	4.8 W/m	24 V	CRI 80+	5000K	790 Lm/m	165 Lm/W
AP-175-5-N4-857	4.8 W/m	24 V	CRI 80+	5700K	762 Lm/m	159 Lm/W
AP-175-5-N4-865	4.8 W/m	24 V	CRI 80+	6500K	762 Lm/m	159 Lm/W
AP-175-5-N4-920	4.8 W/m	24 V	CRI 90+	2000K	426 Lm/m	89 Lm/W
AP-175-5-N4-922	4.8 W/m	24 V	CRI 90+	2200K	461 Lm/m	96 Lm/W
AP-175-5-N4-925	4.8 W/m	24 V	CRI 90+	2500K	500 Lm/m	104 Lm/W
AP-175-5-N4-927	4.8 W/m	24 V	CRI 90+	2700K	602 Lm/m	125 Lm/W
AP-175-5-N4-930	4.8 W/m	24 V	CRI 90+	3000K	619 Lm/m	129 Lm/W
AP-175-5-N4-935	4.8 W/m	24 V	CRI 90+	3500K	634 Lm/m	132 Lm/W
AP-175-5-N4-940	4.8 W/m	24 V	CRI 90+	4000K	641 Lm/m	134 Lm/W
AP-175-5-N4-950	4.8 W/m	24 V	CRI 90+	5000K	675 Lm/m	141 Lm/W
AP-175-5-N4-957	4.8 W/m	24 V	CRI 90+	5700K	671 Lm/m	140 Lm/W
AP-175-5-N4-965	4.8 W/m	24 V	CRI 90+	6500K	667 Lm/m	139 Lm/W

Specification

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-175-10-N4-027	9.6 W/m	24 V	CRI 95+	2700K	979 Lm/m	102 Lm/W
AP-175-10-N4-030	9.6 W/m	24 V	CRI 95+	3000K	1001 Lm/m	104 Lm/W
AP-175-10-N4-035	9.6 W/m	24 V	CRI 95+	3500K	1022 Lm/m	106 Lm/W
AP-175-10-N4-040	9.6 W/m	24 V	CRI 95+	4000K	1035 Lm/m	108 Lm/W
AP-175-10-N4-050	9.6 W/m	24 V	CRI 95+	5000K	1107 Lm/m	115 Lm/W
AP-175-10-N4-820	9.6 W/m	24 V	CRI 80+	2000K	988 Lm/m	103 Lm/W
AP-175-10-N4-822	9.6 W/m	24 V	CRI 80+	2200K	1069 Lm/m	111 Lm/W
AP-175-10-N4-825	9.6 W/m	24 V	CRI 80+	2500K	1171 Lm/m	122 Lm/W
AP-175-10-N4-827	9.6 W/m	24 V	CRI 80+	2700K	1369 Lm/m	143 Lm/W
AP-175-10-N4-830	9.6 W/m	24 V	CRI 80+	3000K	1410 Lm/m	147 Lm/W
AP-175-10-N4-835	9.6 W/m	24 V	CRI 80+	3500K	1442 Lm/m	150 Lm/W
AP-175-10-N4-840	9.6 W/m	24 V	CRI 80+	4000K	1446 Lm/m	151 Lm/W
AP-175-10-N4-850	9.6 W/m	24 V	CRI 80+	5000K	1574 Lm/m	164 Lm/W
AP-175-10-N4-857	9.6 W/m	24 V	CRI 80+	5700K	1519 Lm/m	158 Lm/W
AP-175-10-N4-865	9.6 W/m	24 V	CRI 80+	6500K	1519 Lm/m	158 Lm/W
AP-175-10-N4-920	9.6 W/m	24 V	CRI 90+	2000K	847 Lm/m	88 Lm/W
AP-175-10-N4-922	9.6 W/m	24 V	CRI 90+	2200K	917 Lm/m	96 Lm/W
AP-175-10-N4-925	9.6 W/m	24 V	CRI 90+	2500K	994 Lm/m	104 Lm/W
AP-175-10-N4-927	9.6 W/m	24 V	CRI 90+	2700K	1203 Lm/m	125 Lm/W
AP-175-10-N4-930	9.6 W/m	24 V	CRI 90+	3000K	1237 Lm/m	129 Lm/W
AP-175-10-N4-935	9.6 W/m	24 V	CRI 90+	3500K	1267 Lm/m	132 Lm/W
AP-175-10-N4-940	9.6 W/m	24 V	CRI 90+	4000K	1280 Lm/m	133 Lm/W
AP-175-10-N4-950	9.6 W/m	24 V	CRI 90+	5000K	1350 Lm/m	141 Lm/W
AP-175-10-N4-957	9.6 W/m	24 V	CRI 90+	5700K	1341 Lm/m	140 Lm/W
AP-175-10-N4-965	9.6 W/m	24 V	CRI 90+	6500K	1333 Lm/m	139 Lm/W

Specification

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-175-15-N4-027	14.4 W/m	24 V	CRI 95+	2700K	1460 Lm/m	101 Lm/W
AP-175-15-N4-030	14.4 W/m	24 V	CRI 95+	3000K	1492 Lm/m	104 Lm/W
AP-175-15-N4-035	14.4 W/m	24 V	CRI 95+	3500K	1524 Lm/m	106 Lm/W
AP-175-15-N4-040	14.4 W/m	24 V	CRI 95+	4000K	1544 Lm/m	107 Lm/W
AP-175-15-N4-050	14.4 W/m	24 V	CRI 95+	5000K	1653 Lm/m	115 Lm/W
AP-175-15-N4-820	14.4 W/m	24 V	CRI 80+	2000K	1501 Lm/m	104 Lm/W
AP-175-15-N4-822	14.4 W/m	24 V	CRI 80+	2200K	1625 Lm/m	113 Lm/W
AP-175-15-N4-825	14.4 W/m	24 V	CRI 80+	2500K	1778 Lm/m	123 Lm/W
AP-175-15-N4-827	14.4 W/m	24 V	CRI 80+	2700K	2080 Lm/m	144 Lm/W
AP-175-15-N4-830	14.4 W/m	24 V	CRI 80+	3000K	2142 Lm/m	149 Lm/W
AP-175-15-N4-835	14.4 W/m	24 V	CRI 80+	3500K	2191 Lm/m	152 Lm/W
AP-175-15-N4-840	14.4 W/m	24 V	CRI 80+	4000K	2197 Lm/m	153 Lm/W
AP-175-15-N4-850	14.4 W/m	24 V	CRI 80+	5000K	2347 Lm/m	163 Lm/W
AP-175-15-N4-857	14.4 W/m	24 V	CRI 80+	5700K	2265 Lm/m	157 Lm/W
AP-175-15-N4-865	14.4 W/m	24 V	CRI 80+	6500K	2265 Lm/m	157 Lm/W
AP-175-15-N4-920	14.4 W/m	24 V	CRI 90+	2000K	1261 Lm/m	88 Lm/W
AP-175-15-N4-922	14.4 W/m	24 V	CRI 90+	2200K	1364 Lm/m	95 Lm/W
AP-175-15-N4-925	14.4 W/m	24 V	CRI 90+	2500K	1480 Lm/m	103 Lm/W
AP-175-15-N4-927	14.4 W/m	24 V	CRI 90+	2700K	1797 Lm/m	125 Lm/W
AP-175-15-N4-930	14.4 W/m	24 V	CRI 90+	3000K	1848 Lm/m	128 Lm/W
AP-175-15-N4-935	14.4 W/m	24 V	CRI 90+	3500K	1893 Lm/m	131 Lm/W
AP-175-15-N4-940	14.4 W/m	24 V	CRI 90+	4000K	1912 Lm/m	133 Lm/W
AP-175-15-N4-950	14.4 W/m	24 V	CRI 90+	5000K	2020 Lm/m	140 Lm/W
AP-175-15-N4-957	14.4 W/m	24 V	CRI 90+	5700K	2007 Lm/m	139 Lm/W
AP-175-15-N4-965	14.4 W/m	24 V	CRI 90+	6500K	1994 Lm/m	138 Lm/W

Specification

Product	Power	Voltage	CRI	CCT	Lumen output	Efficacy
AP-175-20-N4-027	19.2 W/m	24 V	CRI 95+	2700K	1934 Lm/m	101 Lm/W
AP-175-20-N4-030	19.2 W/m	24 V	CRI 95+	3000K	1976 Lm/m	103 Lm/W
AP-175-20-N4-035	19.2 W/m	24 V	CRI 95+	3500K	2019 Lm/m	105 Lm/W
AP-175-20-N4-040	19.2 W/m	24 V	CRI 95+	4000K	2044 Lm/m	106 Lm/W
AP-175-20-N4-050	19.2 W/m	24 V	CRI 95+	5000K	2192 Lm/m	114 Lm/W
AP-175-20-N4-820	19.2 W/m	24 V	CRI 80+	2000K	2017 Lm/m	105 Lm/W
AP-175-20-N4-822	19.2 W/m	24 V	CRI 80+	2200K	2182 Lm/m	114 Lm/W
AP-175-20-N4-825	19.2 W/m	24 V	CRI 80+	2500K	2388 Lm/m	124 Lm/W
AP-175-20-N4-827	19.2 W/m	24 V	CRI 80+	2700K	2794 Lm/m	146 Lm/W
AP-175-20-N4-830	19.2 W/m	24 V	CRI 80+	3000K	2876 Lm/m	150 Lm/W
AP-175-20-N4-835	19.2 W/m	24 V	CRI 80+	3500K	2942 Lm/m	153 Lm/W
AP-175-20-N4-840	19.2 W/m	24 V	CRI 80+	4000K	2951 Lm/m	154 Lm/W
AP-175-20-N4-850	19.2 W/m	24 V	CRI 80+	5000K	3111 Lm/m	162 Lm/W
AP-175-20-N4-857	19.2 W/m	24 V	CRI 80+	5700K	3002 Lm/m	156 Lm/W
AP-175-20-N4-865	19.2 W/m	24 V	CRI 80+	6500K	3002 Lm/m	156 Lm/W
AP-175-20-N4-920	19.2 W/m	24 V	CRI 90+	2000K	1668 Lm/m	87 Lm/W
AP-175-20-N4-922	19.2 W/m	24 V	CRI 90+	2200K	1804 Lm/m	94 Lm/W
AP-175-20-N4-925	19.2 W/m	24 V	CRI 90+	2500K	1958 Lm/m	102 Lm/W
AP-175-20-N4-927	19.2 W/m	24 V	CRI 90+	2700K	2385 Lm/m	124 Lm/W
AP-175-20-N4-930	19.2 W/m	24 V	CRI 90+	3000K	2452 Lm/m	128 Lm/W
AP-175-20-N4-935	19.2 W/m	24 V	CRI 90+	3500K	2511 Lm/m	131 Lm/W
AP-175-20-N4-940	19.2 W/m	24 V	CRI 90+	4000K	2537 Lm/m	132 Lm/W
AP-175-20-N4-950	19.2 W/m	24 V	CRI 90+	5000K	2682 Lm/m	140 Lm/W
AP-175-20-N4-957	19.2 W/m	24 V	CRI 90+	5700K	2665 Lm/m	139 Lm/W
AP-175-20-N4-965	19.2 W/m	24 V	CRI 90+	6500K	2648 Lm/m	138 Lm/W