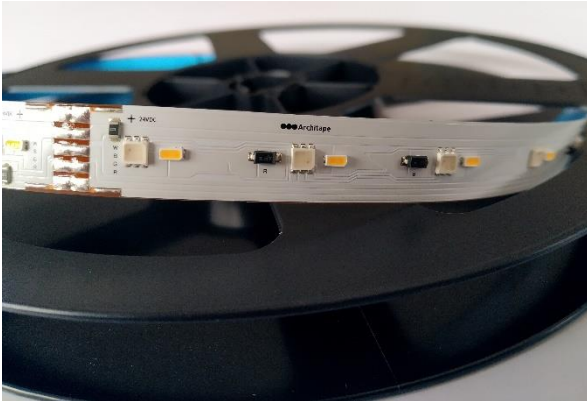


Architape Pro 50 RGBW

Flexible RGB + white LED strips



Architape Pro 50 RGBW LED strips are an excellent choice for applications requiring both general and decorative lighting. Containing 48 RGB and 48 White Nichia LEDs per meter, these light strips can change colour in the blink of an eye.

Combining exceptional RGB light output with excellent white light performance, these RGBW LED strips offer a long-lasting and versatile solution for colour changing lighting applications.

This is achieved through the 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.

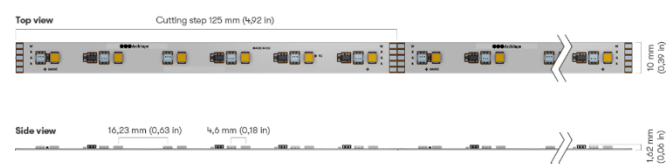
Key features

- Stable colour mixing
- High CRI Ra80+ or Ra90+ or Ra95+
- 19.2 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 10 mm width
- Can be cut in 125 mm length segments

Applications

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

Dimensions



Specification

Products	Power	Voltage	CRI	CCT	Lumen output	Efficacy
RGBW-50-10-N5-820	9.6 W/m	24 V	CRI 80+	2000K	526 Lm/m	55 Lm/W
RGBW-50-10-N5-822	9.6 W/m	24 V	CRI 80+	2200K	543 Lm/m	57 Lm/W
RGBW-50-10-N5-825	9.6 W/m	24 V	CRI 80+	2500K	565 Lm/m	59 Lm/W
RGBW-50-10-N5-827	9.6 W/m	24 V	CRI 80+	2700K	607 Lm/m	63 Lm/W
RGBW-50-10-N5-830	9.6 W/m	24 V	CRI 80+	3000K	616 Lm/m	64 Lm/W
RGBW-50-10-N5-835	9.6 W/m	24 V	CRI 80+	3500K	622 Lm/m	65 Lm/W
RGBW-50-10-N5-840	9.6 W/m	24 V	CRI 80+	4000K	623 Lm/m	65 Lm/W
RGBW-50-10-N5-850	9.6 W/m	24 V	CRI 80+	5000K	654 Lm/m	68 Lm/W
RGBW-50-10-N5-857	9.6 W/m	24 V	CRI 80+	5700K	642 Lm/m	67 Lm/W
RGBW-50-10-N5-865	9.6 W/m	24 V	CRI 80+	6500K	642 Lm/m	67 Lm/W
RGBW-50-10-N5-920	9.6 W/m	24 V	CRI 90+	2000K	498 Lm/m	52 Lm/W
RGBW-50-10-N5-922	9.6 W/m	24 V	CRI 90+	2200K	513 Lm/m	53 Lm/W
RGBW-50-10-N5-925	9.6 W/m	24 V	CRI 90+	2500K	529 Lm/m	55 Lm/W
RGBW-50-10-N5-927	9.6 W/m	24 V	CRI 90+	2700K	574 Lm/m	60 Lm/W
RGBW-50-10-N5-930	9.6 W/m	24 V	CRI 90+	3000K	581 Lm/m	61 Lm/W
RGBW-50-10-N5-935	9.6 W/m	24 V	CRI 90+	3500K	587 Lm/m	61 Lm/W
RGBW-50-10-N5-940	9.6 W/m	24 V	CRI 90+	4000K	590 Lm/m	61 Lm/W
RGBW-50-10-N5-950	9.6 W/m	24 V	CRI 90+	5000K	605 Lm/m	63 Lm/W
RGBW-50-10-N5-957	9.6 W/m	24 V	CRI 90+	5700K	603 Lm/m	63 Lm/W
RGBW-50-10-N5-965	9.6 W/m	24 V	CRI 90+	6500K	601 Lm/m	63 Lm/W
RGBW-50-10-N5-027	9.6 W/m	24 V	CRI 95+	2700K	526 Lm/m	55 Lm/W
RGBW-50-10-N5-030	9.6 W/m	24 V	CRI 95+	3000K	531 Lm/m	55 Lm/W
RGBW-50-10-N5-035	9.6 W/m	24 V	CRI 95+	3500K	535 Lm/m	56 Lm/W
RGBW-50-10-N5-040	9.6 W/m	24 V	CRI 95+	4000K	538 Lm/m	56 Lm/W
RGBW-50-10-N5-050	9.6 W/m	24 V	CRI 95+	5000K	553 Lm/m	58 Lm/W

Specification

Products	Power	Voltage	CRI	CCT	Lumen output	Efficacy
RGBW-50-15-N5-820	14.4 W/m	24 V	CRI 80+	2000K	769 Lm/m	53 Lm/W
RGBW-50-15-N5-822	14.4 W/m	24 V	CRI 80+	2200K	795 Lm/m	55 Lm/W
RGBW-50-15-N5-825	14.4 W/m	24 V	CRI 80+	2500K	828 Lm/m	58 Lm/W
RGBW-50-15-N5-827	14.4 W/m	24 V	CRI 80+	2700K	892 Lm/m	62 Lm/W
RGBW-50-15-N5-830	14.4 W/m	24 V	CRI 80+	3000K	905 Lm/m	63 Lm/W
RGBW-50-15-N5-835	14.4 W/m	24 V	CRI 80+	3500K	916 Lm/m	64 Lm/W
RGBW-50-15-N5-840	14.4 W/m	24 V	CRI 80+	4000K	917 Lm/m	64 Lm/W
RGBW-50-15-N5-850	14.4 W/m	24 V	CRI 80+	5000K	955 Lm/m	66 Lm/W
RGBW-50-15-N5-857	14.4 W/m	24 V	CRI 80+	5700K	937 Lm/m	65 Lm/W
RGBW-50-15-N5-865	14.4 W/m	24 V	CRI 80+	6500K	937 Lm/m	65 Lm/W
RGBW-50-15-N5-920	14.4 W/m	24 V	CRI 90+	2000K	721 Lm/m	50 Lm/W
RGBW-50-15-N5-922	14.4 W/m	24 V	CRI 90+	2200K	744 Lm/m	52 Lm/W
RGBW-50-15-N5-925	14.4 W/m	24 V	CRI 90+	2500K	768 Lm/m	53 Lm/W
RGBW-50-15-N5-927	14.4 W/m	24 V	CRI 90+	2700K	836 Lm/m	58 Lm/W
RGBW-50-15-N5-930	14.4 W/m	24 V	CRI 90+	3000K	847 Lm/m	59 Lm/W
RGBW-50-15-N5-935	14.4 W/m	24 V	CRI 90+	3500K	856 Lm/m	59 Lm/W
RGBW-50-15-N5-940	14.4 W/m	24 V	CRI 90+	4000K	861 Lm/m	60 Lm/W
RGBW-50-15-N5-950	14.4 W/m	24 V	CRI 90+	5000K	883 Lm/m	61 Lm/W
RGBW-50-15-N5-957	14.4 W/m	24 V	CRI 90+	5700K	881 Lm/m	61 Lm/W
RGBW-50-15-N5-965	14.4 W/m	24 V	CRI 90+	6500K	878 Lm/m	61 Lm/W
RGBW-50-15-N5-027	14.4 W/m	24 V	CRI 95+	2700K	764 Lm/m	53 Lm/W
RGBW-50-15-N5-030	14.4 W/m	24 V	CRI 95+	3000K	771 Lm/m	54 Lm/W
RGBW-50-15-N5-035	14.4 W/m	24 V	CRI 95+	3500K	778 Lm/m	54 Lm/W
RGBW-50-15-N5-040	14.4 W/m	24 V	CRI 95+	4000K	782 Lm/m	54 Lm/W
RGBW-50-15-N5-050	14.4 W/m	24 V	CRI 95+	5000K	805 Lm/m	56 Lm/W

Specification

Products	Power	Voltage	CRI	CCT	Lumen output	Efficacy
RGBW-50-20-N5-820	19.2 W/m	24 V	CRI 80+	2000K	1173 Lm/m	61 Lm/W
RGBW-50-20-N5-822	19.2 W/m	24 V	CRI 80+	2200K	1230 Lm/m	64 Lm/W
RGBW-50-20-N5-825	19.2 W/m	24 V	CRI 80+	2500K	1301 Lm/m	68 Lm/W
RGBW-50-20-N5-827	19.2 W/m	24 V	CRI 80+	2700K	1440 Lm/m	75 Lm/W
RGBW-50-20-N5-830	19.2 W/m	24 V	CRI 80+	3000K	1469 Lm/m	77 Lm/W
RGBW-50-20-N5-835	19.2 W/m	24 V	CRI 80+	3500K	1492 Lm/m	78 Lm/W
RGBW-50-20-N5-840	19.2 W/m	24 V	CRI 80+	4000K	1494 Lm/m	78 Lm/W
RGBW-50-20-N5-850	19.2 W/m	24 V	CRI 80+	5000K	1540 Lm/m	80 Lm/W
RGBW-50-20-N5-857	19.2 W/m	24 V	CRI 80+	5700K	1503 Lm/m	78 Lm/W
RGBW-50-20-N5-865	19.2 W/m	24 V	CRI 80+	6500K	1503 Lm/m	78 Lm/W
RGBW-50-20-N5-920	19.2 W/m	24 V	CRI 90+	2000K	1047 Lm/m	55 Lm/W
RGBW-50-20-N5-922	19.2 W/m	24 V	CRI 90+	2200K	1093 Lm/m	57 Lm/W
RGBW-50-20-N5-925	19.2 W/m	24 V	CRI 90+	2500K	1145 Lm/m	60 Lm/W
RGBW-50-20-N5-927	19.2 W/m	24 V	CRI 90+	2700K	1292 Lm/m	67 Lm/W
RGBW-50-20-N5-930	19.2 W/m	24 V	CRI 90+	3000K	1315 Lm/m	68 Lm/W
RGBW-50-20-N5-935	19.2 W/m	24 V	CRI 90+	3500K	1336 Lm/m	70 Lm/W
RGBW-50-20-N5-940	19.2 W/m	24 V	CRI 90+	4000K	1344 Lm/m	70 Lm/W
RGBW-50-20-N5-950	19.2 W/m	24 V	CRI 90+	5000K	1394 Lm/m	73 Lm/W
RGBW-50-20-N5-957	19.2 W/m	24 V	CRI 90+	5700K	1389 Lm/m	72 Lm/W
RGBW-50-20-N5-965	19.2 W/m	24 V	CRI 90+	6500K	1383 Lm/m	72 Lm/W
RGBW-50-20-N5-027	19.2 W/m	24 V	CRI 95+	2700K	1138 Lm/m	59 Lm/W
RGBW-50-20-N5-030	19.2 W/m	24 V	CRI 95+	3000K	1152 Lm/m	60 Lm/W
RGBW-50-20-N5-035	19.2 W/m	24 V	CRI 95+	3500K	1167 Lm/m	61 Lm/W
RGBW-50-20-N5-040	19.2 W/m	24 V	CRI 95+	4000K	1175 Lm/m	61 Lm/W
RGBW-50-20-N5-050	19.2 W/m	24 V	CRI 95+	5000K	1226 Lm/m	64 Lm/W

Specification

Products	Power	Voltage	CRI	CCT	Lumen output	Efficacy
RGBW-50-25-N5-820	24.0 W/m	24 V	CRI 80+	2000K	1596 Lm/m	67 Lm/W
RGBW-50-25-N5-822	24.0 W/m	24 V	CRI 80+	2200K	1688 Lm/m	70 Lm/W
RGBW-50-25-N5-825	24.0 W/m	24 V	CRI 80+	2500K	1802 Lm/m	75 Lm/W
RGBW-50-25-N5-827	24.0 W/m	24 V	CRI 80+	2700K	2026 Lm/m	84 Lm/W
RGBW-50-25-N5-830	24.0 W/m	24 V	CRI 80+	3000K	2072 Lm/m	86 Lm/W
RGBW-50-25-N5-835	24.0 W/m	24 V	CRI 80+	3500K	2109 Lm/m	88 Lm/W
RGBW-50-25-N5-840	24.0 W/m	24 V	CRI 80+	4000K	2113 Lm/m	88 Lm/W
RGBW-50-25-N5-850	24.0 W/m	24 V	CRI 80+	5000K	2172 Lm/m	91 Lm/W
RGBW-50-25-N5-857	24.0 W/m	24 V	CRI 80+	5700K	2113 Lm/m	88 Lm/W
RGBW-50-25-N5-865	24.0 W/m	24 V	CRI 80+	6500K	2113 Lm/m	88 Lm/W
RGBW-50-25-N5-920	24.0 W/m	24 V	CRI 90+	2000K	1378 Lm/m	57 Lm/W
RGBW-50-25-N5-922	24.0 W/m	24 V	CRI 90+	2200K	1451 Lm/m	60 Lm/W
RGBW-50-25-N5-925	24.0 W/m	24 V	CRI 90+	2500K	1533 Lm/m	64 Lm/W
RGBW-50-25-N5-927	24.0 W/m	24 V	CRI 90+	2700K	1770 Lm/m	74 Lm/W
RGBW-50-25-N5-930	24.0 W/m	24 V	CRI 90+	3000K	1807 Lm/m	75 Lm/W
RGBW-50-25-N5-935	24.0 W/m	24 V	CRI 90+	3500K	1839 Lm/m	77 Lm/W
RGBW-50-25-N5-940	24.0 W/m	24 V	CRI 90+	4000K	1853 Lm/m	77 Lm/W
RGBW-50-25-N5-950	24.0 W/m	24 V	CRI 90+	5000K	1934 Lm/m	81 Lm/W
RGBW-50-25-N5-957	24.0 W/m	24 V	CRI 90+	5700K	1925 Lm/m	80 Lm/W
RGBW-50-25-N5-965	24.0 W/m	24 V	CRI 90+	6500K	1916 Lm/m	80 Lm/W
RGBW-50-25-N5-027	24.0 W/m	24 V	CRI 95+	2700K	1522 Lm/m	63 Lm/W
RGBW-50-25-N5-030	24.0 W/m	24 V	CRI 95+	3000K	1545 Lm/m	64 Lm/W
RGBW-50-25-N5-035	24.0 W/m	24 V	CRI 95+	3500K	1568 Lm/m	65 Lm/W
RGBW-50-25-N5-040	24.0 W/m	24 V	CRI 95+	4000K	1582 Lm/m	66 Lm/W
RGBW-50-25-N5-050	24.0 W/m	24 V	CRI 95+	5000K	1665 Lm/m	69 Lm/W