

ARCHITECTURAL LINEAR TAPE COLLECTION

Architape IP67 Pro 100 Outdoor Series

24VDC / 48VDC

IP67 WEATHERPROOF

MACADAM 3-STEP

5-YEAR WARRANTY

CONSTANT VOLTAGE

Architape IP67 Pro 100 is our flagship exterior architectural linear tape engineered with 112 LEDs/m Nichia emitters encapsulated in high-grade UV and saltwater resistant clear polyurethane. Available in 24V Standard, 48V Long-Run (up to 26m continuous feed), RGB full-gamut, and SPI Pixel addressable configurations with up to 1,972 lm/m flux delivery.

POWER RANGE

11.52 W/m – 9.6 W/m

LUMINOUS FLUX

218 lm – 1,824 lm

COLOR FIDELITY

CRI 80+ / 95+

SERVICE LIFETIME

L90B10 > 60kh



ARCHITAPE OUTDOOR LED TAPE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



SCAN TO VIEW SERIES ONLINE

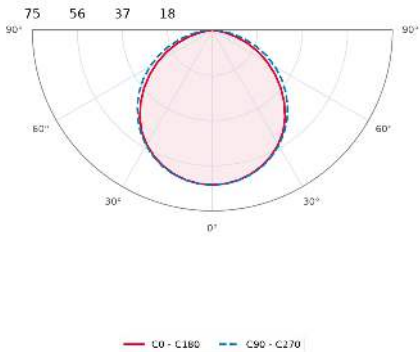
LINEAR ENGINEERING & DIMENSIONS

ARCHITAPE IP67 PRO 100 OUTDOOR SERIES

PHOTOMETRIC DISTRIBUTION 120° BEAM SPREAD

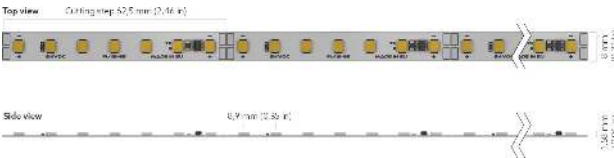
PRO 100 Single Colour Outdoor LED Tape - Photometrics

Imax: 64 cd



Wide 120° Lambertian distribution delivers uniform, shadow-free illumination across coves, architectural profiles, and indirect surface grazing applications.

DIMENSIONS & CUTTING PITCH PITCH: 62.5 MM / 125 MM



PCB WIDTH & HEIGHT	10.0 x 4.5 mm (Encapsulated)
CUTTING INCREMENT	62.5 mm / 125 mm
MAX SINGLE RUN	Up to 26 m (48V)
ADHESIVE BACKING	3M 300LSE High-Bond Thermal Tape

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC / 48VDC (Constant Voltage)
LED DENSITY	112 LEDs/m (Nichia)
COLOR CONSISTENCY	MacAdam 3-Step Ellipse (SDCM ≤ 3)
DIMMING PROTOCOLS	PWM, 0-10V, DALI-2 (DT6/DT8), Casambi
OPERATING TEMP	-25°C to +50°C
MAX CASE TEMP (TC)	Tc max 75°C
INGRESS PROTECTION	IP67 Weatherproof
WARRANTY	5-Year System Guarantee

SPECTRAL & FINISH OPTIONS

AVAILABLE CCT	1400K, 1600K, 1800K, 2000K, 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K
COLOUR FIDELITY	CRI 90+, N/A (RGB Spectrum)
COPPER WEIGHT	3oz Double-Sided Heavy Copper PCB
LED PACKAGE	Nichia Architectural Grade Phosphor

PART NUMBER DECODING LOGIC

[SERIES] [PROFILE] [FAMILY] [VOLTAGE] [GEN] [POWER] [CCT/RGB]

Example: AquaG2 IE RWE.CLR / FL112/Nx.48V G5 10W 930 L1000

• AquaG2 IE RWE.CLR: IP67 Encapsulated • FL112/Nx: 112 LEDs/m Nichia • .48V: Long Run • G5 10W: Gen 5 9.6 W/m • 930: 3000K CRI90+

MOUNTING & THERMAL REQUIREMENTS

HEAT DISSIPATION	Must mount in aluminium extrusion profile
DRIVER TYPE	Independent Class II SELV 24V / 48V
FEED POINTS	Dual-ended feed recommended for > 10m runs
STANDARD REEL	5 metre reel with 200 mm flying leads

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PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 920 L1000	Single Colour	4.8 W/m	2000K	CRI 90+	342 Lm/m	71 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 922 L1000	Single Colour	4.8 W/m	2200K	CRI 90+	374 Lm/m	78 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 925 L1000	Single Colour	4.8 W/m	2500K	CRI 90+	401 Lm/m	84 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T927 L1000	Single Colour	4.8 W/m	2700K	CRI 90+	564 Lm/m	117 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T930 L1000	Single Colour	4.8 W/m	3000K	CRI 90+	593 Lm/m	123 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T935 L1000	Single Colour	4.8 W/m	3500K	CRI 90+	607 Lm/m	126 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T940 L1000	Single Colour	4.8 W/m	4000K	CRI 90+	616 Lm/m	128 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T950 L1000	Single Colour	4.8 W/m	5000K	CRI 90+	618 Lm/m	129 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T957 L1000	Single Colour	4.8 W/m	5700K	CRI 90+	596 Lm/m	124 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T965 L1000	Single Colour	4.8 W/m	6500K	CRI 90+	596 Lm/m	124 Lm/W	62.5 mm	13 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 920 L1000	Single Colour	9.6 W/m	2000K	CRI 90+	676 Lm/m	70 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 922 L1000	Single Colour	9.6 W/m	2200K	CRI 90+	730 Lm/m	76 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 925 L1000	Single Colour	9.6 W/m	2500K	CRI 90+	793 Lm/m	83 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T927 L1000	Single Colour	9.6 W/m	2700K	CRI 90+	1118 Lm/m	116 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T930 L1000	Single Colour	9.6 W/m	3000K	CRI 90+	1174 Lm/m	122 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T935 L1000	Single Colour	9.6 W/m	3500K	CRI 90+	1204 Lm/m	125 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T940 L1000	Single Colour	9.6 W/m	4000K	CRI 90+	1221 Lm/m	127 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T950 L1000	Single Colour	9.6 W/m	5000K	CRI 90+	1226 Lm/m	128 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T957 L1000	Single Colour	9.6 W/m	5700K	CRI 90+	1182 Lm/m	123 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W T965 L1000	Single Colour	9.6 W/m	6500K	CRI 90+	1182 Lm/m	123 Lm/W	62.5 mm	9 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 920 L1000	Single Colour	14.4 W/m	2000K	CRI 90+	1000 Lm/m	69 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 922 L1000	Single Colour	14.4 W/m	2200K	CRI 90+	1082 Lm/m	75 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 925 L1000	Single Colour	14.4 W/m	2500K	CRI 90+	1174 Lm/m	82 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W T927 L1000	Single Colour	14.4 W/m	2700K	CRI 90+	1661 Lm/m	115 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W T930 L1000	Single Colour	14.4 W/m	3000K	CRI 90+	1745 Lm/m	121 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W T935 L1000	Single Colour	14.4 W/m	3500K	CRI 90+	1790 Lm/m	124 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W T940 L1000	Single Colour	14.4 W/m	4000K	CRI 90+	1815 Lm/m	126 Lm/W	62.5 mm	7 m	PDF ↗
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W T950 L1000	Single Colour	14.4 W/m	5000K	CRI 90+	1824 Lm/m	127 Lm/W	62.5 mm	7 m	PDF ↗

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AquaG2 IE RWE.CLR / FL112/Nx.48V G5 04W T957 L1000	Single Colour	4.8 W/m	5700K	CRI 90+	596 Lm/m	124 Lm/W	125 mm	28.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 04W T965 L1000	Single Colour	4.8 W/m	6500K	CRI 90+	596 Lm/m	124 Lm/W	125 mm	28.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 920 L1000	Single Colour	9.6 W/m	2000K	CRI 90+	676 Lm/m	70 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 922 L1000	Single Colour	9.6 W/m	2200K	CRI 90+	730 Lm/m	76 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 925 L1000	Single Colour	9.6 W/m	2500K	CRI 90+	793 Lm/m	83 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T927 L1000	Single Colour	9.6 W/m	2700K	CRI 90+	1118 Lm/m	116 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T930 L1000	Single Colour	9.6 W/m	3000K	CRI 90+	1174 Lm/m	122 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T935 L1000	Single Colour	9.6 W/m	3500K	CRI 90+	1204 Lm/m	125 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T940 L1000	Single Colour	9.6 W/m	4000K	CRI 90+	1221 Lm/m	127 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T950 L1000	Single Colour	9.6 W/m	5000K	CRI 90+	1226 Lm/m	128 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T957 L1000	Single Colour	9.6 W/m	5700K	CRI 90+	1182 Lm/m	123 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W T965 L1000	Single Colour	9.6 W/m	6500K	CRI 90+	1182 Lm/m	123 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 914 L1000	Single Colour	4.8 W/m	1400K	CRI 90+	218 Lm/m	45 Lm/W	62.5 mm	13 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 916 L1000	Single Colour	4.8 W/m	1600K	CRI 90+	262 Lm/m	55 Lm/W	62.5 mm	13 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W 918 L1000	Single Colour	4.8 W/m	1800K	CRI 90+	322 Lm/m	67 Lm/W	62.5 mm	13 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 914 L1000	Single Colour	9.6 W/m	1400K	CRI 90+	433 Lm/m	45 Lm/W	62.5 mm	9 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 916 L1000	Single Colour	9.6 W/m	1600K	CRI 90+	523 Lm/m	54 Lm/W	62.5 mm	9 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 09W 918 L1000	Single Colour	9.6 W/m	1800K	CRI 90+	642 Lm/m	67 Lm/W	62.5 mm	9 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 914 L1000	Single Colour	14.4 W/m	1400K	CRI 90+	644 Lm/m	45 Lm/W	62.5 mm	7 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 916 L1000	Single Colour	14.4 W/m	1600K	CRI 90+	777 Lm/m	54 Lm/W	62.5 mm	7 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 014W 918 L1000	Single Colour	14.4 W/m	1800K	CRI 90+	955 Lm/m	66 Lm/W	62.5 mm	7 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 04W 914 L1000	Single Colour	4.8 W/m	1400K	CRI 90+	218 Lm/m	45 Lm/W	125 mm	28.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 04W 916 L1000	Single Colour	4.8 W/m	1600K	CRI 90+	262 Lm/m	55 Lm/W	125 mm	28.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 04W 918 L1000	Single Colour	4.8 W/m	1800K	CRI 90+	322 Lm/m	67 Lm/W	125 mm	28.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 914 L1000	Single Colour	9.6 W/m	1400K	CRI 90+	433 Lm/m	45 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 916 L1000	Single Colour	9.6 W/m	1600K	CRI 90+	523 Lm/m	54 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.48V G5 09W 918 L1000	Single Colour	9.6 W/m	1800K	CRI 90+	642 Lm/m	67 Lm/W	125 mm	22.5 m	PDF
AquaG2 IE RWE.CLR / FL112/Nx.24V G5 04W T970 L1000	Single Colour	4.8 W/m	7000K	CRI 90+	596 Lm/m	124 Lm/W	62.5 mm	13 m	PDF

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AquaG2 IE RWE.CLR / RGB96/Nx G5 011W L1000	RGB	11.52 W/m	RGB Colour Changing	N/A (RGB Spectrum)	385 Lm/m	33 Lm/W	62.5 mm	9.5 m	PDF ↗
Aqua IE RWE.ECL / PXL.RGBW96/Bx 026W L1000	Pixel	26 W/m	RGBW (Quad-chip 2000K)	N/A (RGB Spectrum)	1801	69 Lm/W	62.5 mm	nan	PDF ↗

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