

ARCHITECTURAL LINEAR TAPE COLLECTION

Architape Pro 175 Ultra-Dense Series

24VDC

IP20

MACADAM 3-STEP

5-YEAR WARRANTY

CONSTANT VOLTAGE

Architape Pro 175 features an ultra-dense pitch with 175 LEDs per metre, delivering totally spotless, pixel-free light output in ultra-shallow profiles and direct-view joinery applications.

POWER RANGE

14.4 W/m – 9.6 W/m

LUMINOUS FLUX

125 lm – 3,034 lm

COLOR FIDELITY

CRI 80+ / 95+

SERVICE LIFETIME

L90B10 > 60kh



ARCHITAPE INDOOR LED TAPE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



SCAN TO VIEW SERIES ONLINE

LINEAR ENGINEERING & DIMENSIONS

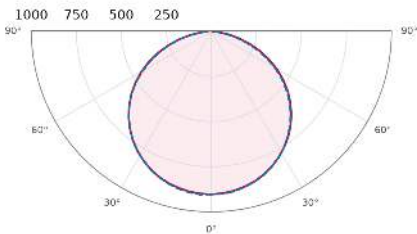
ARCHITAPE PRO 175 ULTRA-DENSE SERIES

PHOTOMETRIC DISTRIBUTION

120° BEAM SPREAD

PRO 175 Single Colour Indoor LED Tape - Photometrics

Imax: 906 cd

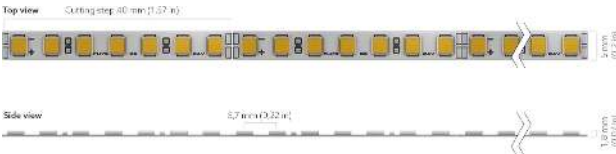


— C0 - C180 — C90 - C270

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

DIMENSIONS & CUTTING PITCH

PITCH: 40 MM



PCB WIDTH & HEIGHT	8.0 x 1.62 mm
CUTTING INCREMENT	40 mm
MAX SINGLE RUN	8 m
ADHESIVE BACKING	3M 300LSE High-Bond Thermal Tape

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC (Constant Voltage)
LED DENSITY	175 LEDs/m (Ultra-Dense)
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	IP20
WARRANTY	5-Year System Guarantee

SPECTRAL & FINISH OPTIONS

AVAILABLE CCT	1400K, 1600K, 1800K, 2000K, 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K
COLOUR FIDELITY	CRI90, CRI95, Color
COPPER WEIGHT	3oz Double-Sided Heavy Copper PCB
LED PACKAGE	Nichia Architectural Grade Phosphor

PART NUMBER DECODING LOGIC

[FAMILY] [GEN] [POWER] [CCT]

Example: FL175/Nx G5 09W 030

• FL175: Pro 175 Ultra-Dense Tape • Nx: Nichia LEDs • G5: Gen 5 • 09W: 9.6 W/m • 030: 3000K CRI95

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

ARCHITAPE PRO 175 ULTRA-DENSE SERIES – COMPLETE MODEL DIRECTORY

PAGE 3 OF 5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL175/Nx G5 04W 027	Single Colour	4.8 W/m	2700K	CRI95	491 lm	102 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 030	Single Colour	4.8 W/m	3000K	CRI95	502 lm	105 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 035	Single Colour	4.8 W/m	3500K	CRI95	513 lm	107 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 040	Single Colour	4.8 W/m	4000K	CRI95	519 lm	108 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 914	Single Colour	4.8 W/m	1400K	CRI90	271 lm	56 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 916	Single Colour	4.8 W/m	1600K	CRI90	326 lm	68 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 918	Single Colour	4.8 W/m	1800K	CRI90	401 lm	84 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 920	Single Colour	4.8 W/m	2000K	CRI90	426 lm	89 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 922	Single Colour	4.8 W/m	2200K	CRI90	461 lm	96 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W 925	Single Colour	4.8 W/m	2500K	CRI90	500 lm	104 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T927	Single Colour	4.8 W/m	2700K	CRI90	702 lm	146 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T930	Single Colour	4.8 W/m	3000K	CRI90	738 lm	154 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T935	Single Colour	4.8 W/m	3500K	CRI90	757 lm	158 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T940	Single Colour	4.8 W/m	4000K	CRI90	767 lm	160 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T950	Single Colour	4.8 W/m	5000K	CRI90	769 lm	160 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T957	Single Colour	4.8 W/m	5700K	CRI90	742 lm	155 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T965	Single Colour	4.8 W/m	6500K	CRI90	742 lm	155 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T970	Single Colour	4.8 W/m	7000K	CRI90	742 lm	155 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W T980	Single Colour	4.8 W/m	8000K	CRI90	742 lm	155 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W xBL	Single Colour	4.8 W/m	Blue	Color	125 lm	26 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W xGR	Single Colour	4.8 W/m	Green	Color	659 lm	137 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 04W xRE	Single Colour	4.8 W/m	Red	Color	168 lm	35 Lm/W	40 mm	5 m	PDF ↗
FL175/Nx G5 09W 027	Single Colour	9.6 W/m	2700K	CRI95	979 lm	102 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 030	Single Colour	9.6 W/m	3000K	CRI95	1001 lm	104 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 035	Single Colour	9.6 W/m	3500K	CRI95	1022 lm	106 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 040	Single Colour	9.6 W/m	4000K	CRI95	1035 lm	108 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 914	Single Colour	9.6 W/m	1400K	CRI90	541 lm	56 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 916	Single Colour	9.6 W/m	1600K	CRI90	653 lm	68 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 918	Single Colour	9.6 W/m	1800K	CRI90	802 lm	84 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 920	Single Colour	9.6 W/m	2000K	CRI90	847 lm	88 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 922	Single Colour	9.6 W/m	2200K	CRI90	923 lm	96 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W 925	Single Colour	9.6 W/m	2500K	CRI90	994 lm	104 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T927	Single Colour	9.6 W/m	2700K	CRI90	1399 lm	146 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T930	Single Colour	9.6 W/m	3000K	CRI90	1470 lm	153 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T935	Single Colour	9.6 W/m	3500K	CRI90	1507 lm	157 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T940	Single Colour	9.6 W/m	4000K	CRI90	1528 lm	159 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T950	Single Colour	9.6 W/m	5000K	CRI90	1533 lm	160 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T957	Single Colour	9.6 W/m	5700K	CRI90	1479 lm	154 Lm/W	40 mm	2.5 m	PDF ↗

ARCHITAPE INDOOR LED TAPE SERIES

ARCHITAPE PRO 175 ULTRA-DENSE SERIES – COMPLETE MODEL DIRECTORY

PAGE 4 OF 5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL175/Nx G5 09W T965	Single Colour	9.6 W/m	6500K	CRI90	1479 lm	154 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T970	Single Colour	9.6 W/m	7000K	CRI90	1479 lm	154 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W T980	Single Colour	9.6 W/m	8000K	CRI90	1479 lm	154 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W xBL	Single Colour	9.6 W/m	Blue	Color	250 lm	26 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W xGR	Single Colour	9.6 W/m	Green	Color	1272 lm	133 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 09W xRE	Single Colour	9.6 W/m	Red	Color	337 lm	35 Lm/W	40 mm	2.5 m	PDF ↗
FL175/Nx G5 14W 027	Single Colour	14.4 W/m	2700K	CRI95	1460 lm	101 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 030	Single Colour	14.4 W/m	3000K	CRI95	1492 lm	104 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 035	Single Colour	14.4 W/m	3500K	CRI95	1524 lm	106 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 040	Single Colour	14.4 W/m	4000K	CRI95	1544 lm	107 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 914	Single Colour	14.4 W/m	1400K	CRI90	809 lm	56 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 916	Single Colour	14.4 W/m	1600K	CRI90	975 lm	68 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 918	Single Colour	14.4 W/m	1800K	CRI90	1198 lm	83 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 920	Single Colour	14.4 W/m	2000K	CRI90	1261 lm	88 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 922	Single Colour	14.4 W/m	2200K	CRI90	1375 lm	95 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W 925	Single Colour	14.4 W/m	2500K	CRI90	1480 lm	103 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T927	Single Colour	14.4 W/m	2700K	CRI90	2086 lm	145 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T930	Single Colour	14.4 W/m	3000K	CRI90	2192 lm	152 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T935	Single Colour	14.4 W/m	3500K	CRI90	2248 lm	156 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T940	Single Colour	14.4 W/m	4000K	CRI90	2279 lm	158 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T950	Single Colour	14.4 W/m	5000K	CRI90	2287 lm	159 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T957	Single Colour	14.4 W/m	5700K	CRI90	2207 lm	153 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T965	Single Colour	14.4 W/m	6500K	CRI90	2207 lm	153 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T970	Single Colour	14.4 W/m	7000K	CRI90	2207 lm	153 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W T980	Single Colour	14.4 W/m	8000K	CRI90	2207 lm	153 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W xBL	Single Colour	14.4 W/m	Blue	Color	373 lm	26 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W xGR	Single Colour	14.4 W/m	Green	Color	1820 lm	126 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 14W xRE	Single Colour	14.4 W/m	Red	Color	506 lm	35 Lm/W	40 mm	1.5 m	PDF ↗
FL175/Nx G5 19W 027	Single Colour	19.2 W/m	2700K	CRI95	1934 lm	101 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 030	Single Colour	19.2 W/m	3000K	CRI95	1976 lm	103 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 035	Single Colour	19.2 W/m	3500K	CRI95	2019 lm	105 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 040	Single Colour	19.2 W/m	4000K	CRI95	2044 lm	106 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 914	Single Colour	19.2 W/m	1400K	CRI90	1073 lm	56 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 916	Single Colour	19.2 W/m	1600K	CRI90	1294 lm	67 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 918	Single Colour	19.2 W/m	1800K	CRI90	1590 lm	83 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 920	Single Colour	19.2 W/m	2000K	CRI90	1668 lm	87 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 922	Single Colour	19.2 W/m	2200K	CRI90	1815 lm	95 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W 925	Single Colour	19.2 W/m	2500K	CRI90	1958 lm	102 Lm/W	40 mm	1 m	PDF ↗

ARCHITAPE PRO 175 ULTRA-DENSE SERIES – COMPLETE MODEL DIRECTORY PAGE 5 OF 5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL175/Nx G5 19W T927	Single Colour	19.2 W/m	2700K	CRI90	2765 lm	144 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T930	Single Colour	19.2 W/m	3000K	CRI90	2906 lm	151 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T935	Single Colour	19.2 W/m	3500K	CRI90	2980 lm	155 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T940	Single Colour	19.2 W/m	4000K	CRI90	3021 lm	157 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T950	Single Colour	19.2 W/m	5000K	CRI90	3034 lm	158 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T957	Single Colour	19.2 W/m	5700K	CRI90	2928 lm	153 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T965	Single Colour	19.2 W/m	6500K	CRI90	2928 lm	153 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T970	Single Colour	19.2 W/m	7000K	CRI90	2928 lm	153 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W T980	Single Colour	19.2 W/m	8000K	CRI90	2928 lm	153 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W xBL	Single Colour	19.2 W/m	Blue	Color	496 lm	26 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W xGR	Single Colour	19.2 W/m	Green	Color	2320 lm	121 Lm/W	40 mm	1 m	PDF ↗
FL175/Nx G5 19W xRE	Single Colour	19.2 W/m	Red	Color	675 lm	35 Lm/W	40 mm	1 m	PDF ↗

ARCHITAPE INDOOR LED TAPE SERIES