

ARCHITECTURAL LINEAR TAPE COLLECTION

Architape Pro 20 High-Efficiency Series

24VDC IP20 MACADAM 3-STEP 5-YEAR WARRANTY CONSTANT VOLTAGE

Architape Pro 20 is engineered for accent lighting, shadow lines, and long continuous runs where ultra-low power consumption and exceptional thermal efficiency are the paramount design criteria.

POWER RANGE
1.2 W/m – 9.1 W/m

LUMINOUS FLUX
31 lm – 1,382 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

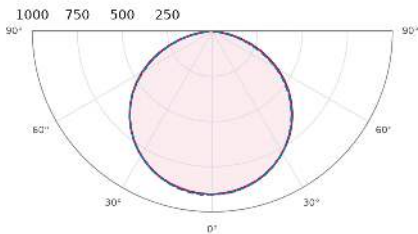
ARCHITAPE PRO 20 HIGH-EFFICIENCY SERIES

PHOTOMETRIC DISTRIBUTION

120° BEAM SPREAD

PRO 20 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: 250 MM



PCB WIDTH & HEIGHT	8.0 x 1.62 mm
CUTTING INCREMENT	250 mm
MAX SINGLE RUN	20 m
ADHESIVE BACKING	3M 300LSE High-Bond Thermal Tape

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC (Constant Voltage)
LED DENSITY	20 LEDs/m
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: FL20/Nx G5 04W 027

• FL20: Pro 20 Linear Tape • Nx: Nichia LEDs • G5: Gen 5 • 04W: 4.8 W/m • 027: 2700K 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 20 HIGH-EFFICIENCY SERIES – COMPLETE MODEL DIRECTORY

PAGE 3 OF
5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL28/Nx G4 01W 027	Single Colour	1.2 W/m	2700K	CRI95	122 lm	102 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 030	Single Colour	1.2 W/m	3000K	CRI95	125 lm	104 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 035	Single Colour	1.2 W/m	3500K	CRI95	128 lm	107 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 040	Single Colour	1.2 W/m	4000K	CRI95	129 lm	108 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 914	Single Colour	1.2 W/m	1400K	CRI90	68 lm	57 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 916	Single Colour	1.2 W/m	1600K	CRI90	81 lm	68 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 918	Single Colour	1.2 W/m	1800K	CRI90	100 lm	83 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 920	Single Colour	1.2 W/m	2000K	CRI90	106 lm	88 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 922	Single Colour	1.2 W/m	2200K	CRI90	115 lm	96 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W 925	Single Colour	1.2 W/m	2500K	CRI90	124 lm	103 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T927	Single Colour	1.2 W/m	2700K	CRI90	175 lm	146 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T930	Single Colour	1.2 W/m	3000K	CRI90	184 lm	153 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T935	Single Colour	1.2 W/m	3500K	CRI90	189 lm	158 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T940	Single Colour	1.2 W/m	4000K	CRI90	191 lm	159 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T950	Single Colour	1.2 W/m	5000K	CRI90	192 lm	160 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T957	Single Colour	1.2 W/m	5700K	CRI90	185 lm	154 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T965	Single Colour	1.2 W/m	6500K	CRI90	185 lm	154 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T970	Single Colour	1.2 W/m	7000K	CRI90	185 lm	154 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W T980	Single Colour	1.2 W/m	8000K	CRI90	185 lm	154 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W xBL	Single Colour	1.2 W/m	Blue	Color	31 lm	26 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W xGR	Single Colour	1.2 W/m	Green	Color	162 lm	135 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 01W xRE	Single Colour	1.2 W/m	Red	Color	42 lm	35 Lm/W	250 mm	31 m	PDF ↗
FL28/Nx G4 02W 027	Single Colour	2.4 W/m	2700K	CRI95	243 lm	101 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 030	Single Colour	2.4 W/m	3000K	CRI95	248 lm	103 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 035	Single Colour	2.4 W/m	3500K	CRI95	253 lm	105 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 040	Single Colour	2.4 W/m	4000K	CRI95	257 lm	107 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 914	Single Colour	2.4 W/m	1400K	CRI90	134 lm	56 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 916	Single Colour	2.4 W/m	1600K	CRI90	162 lm	68 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 918	Single Colour	2.4 W/m	1800K	CRI90	199 lm	83 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 920	Single Colour	2.4 W/m	2000K	CRI90	210 lm	88 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 922	Single Colour	2.4 W/m	2200K	CRI90	227 lm	95 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W 925	Single Colour	2.4 W/m	2500K	CRI90	246 lm	103 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T927	Single Colour	2.4 W/m	2700K	CRI90	347 lm	145 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T930	Single Colour	2.4 W/m	3000K	CRI90	365 lm	152 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T935	Single Colour	2.4 W/m	3500K	CRI90	374 lm	156 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T940	Single Colour	2.4 W/m	4000K	CRI90	379 lm	158 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T950	Single Colour	2.4 W/m	5000K	CRI90	381 lm	159 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T957	Single Colour	2.4 W/m	5700K	CRI90	367 lm	153 Lm/W	250 mm	20 m	PDF ↗

ARCHITAPE INDOOR LED TAPE SERIES

ARCHITAPE PRO 20 HIGH-EFFICIENCY SERIES – COMPLETE MODEL DIRECTORY

PAGE 4 OF 5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL28/Nx G4 02W T965	Single Colour	2.4 W/m	6500K	CRI90	367 lm	153 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T970	Single Colour	2.4 W/m	7000K	CRI90	367 lm	153 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W T980	Single Colour	2.4 W/m	8000K	CRI90	367 lm	153 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W xBL	Single Colour	2.4 W/m	Blue	Color	62 lm	26 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W xGR	Single Colour	2.4 W/m	Green	Color	301 lm	125 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 02W xRE	Single Colour	2.4 W/m	Red	Color	84 lm	35 Lm/W	250 mm	20 m	PDF ↗
FL28/Nx G4 04W 027	Single Colour	4.8 W/m	2700K	CRI95	475 lm	99 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 030	Single Colour	4.8 W/m	3000K	CRI95	485 lm	101 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 035	Single Colour	4.8 W/m	3500K	CRI95	496 lm	103 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 040	Single Colour	4.8 W/m	4000K	CRI95	502 lm	105 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 914	Single Colour	4.8 W/m	1400K	CRI90	264 lm	55 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 916	Single Colour	4.8 W/m	1600K	CRI90	318 lm	66 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 918	Single Colour	4.8 W/m	1800K	CRI90	391 lm	81 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 920	Single Colour	4.8 W/m	2000K	CRI90	409 lm	85 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 922	Single Colour	4.8 W/m	2200K	CRI90	442 lm	92 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W 925	Single Colour	4.8 W/m	2500K	CRI90	480 lm	100 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T927	Single Colour	4.8 W/m	2700K	CRI90	682 lm	142 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T930	Single Colour	4.8 W/m	3000K	CRI90	717 lm	149 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T935	Single Colour	4.8 W/m	3500K	CRI90	735 lm	153 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T940	Single Colour	4.8 W/m	4000K	CRI90	745 lm	155 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T950	Single Colour	4.8 W/m	5000K	CRI90	749 lm	156 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T957	Single Colour	4.8 W/m	5700K	CRI90	723 lm	151 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T965	Single Colour	4.8 W/m	6500K	CRI90	723 lm	151 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T970	Single Colour	4.8 W/m	7000K	CRI90	723 lm	151 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W T980	Single Colour	4.8 W/m	8000K	CRI90	723 lm	151 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W xBL	Single Colour	4.8 W/m	Blue	Color	123 lm	26 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W xGR	Single Colour	4.8 W/m	Green	Color	528 lm	110 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 04W xRE	Single Colour	4.8 W/m	Red	Color	168 lm	35 Lm/W	250 mm	13 m	PDF ↗
FL28/Nx G4 09W 027	Single Colour	9.1 W/m	2700K	CRI95	862 lm	95 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 030	Single Colour	9.1 W/m	3000K	CRI95	881 lm	97 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 035	Single Colour	9.1 W/m	3500K	CRI95	900 lm	99 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 040	Single Colour	9.1 W/m	4000K	CRI95	911 lm	100 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 914	Single Colour	9.1 W/m	1400K	CRI90	480 lm	53 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 916	Single Colour	9.1 W/m	1600K	CRI90	579 lm	64 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 918	Single Colour	9.1 W/m	1800K	CRI90	711 lm	78 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 920	Single Colour	9.1 W/m	2000K	CRI90	742 lm	82 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 922	Single Colour	9.1 W/m	2200K	CRI90	803 lm	88 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W 925	Single Colour	9.1 W/m	2500K	CRI90	871 lm	96 Lm/W	250 mm	8.5 m	PDF ↗

ARCHITAPE PRO 20 HIGH-EFFICIENCY SERIES – COMPLETE MODEL DIRECTORY

PAGE 5 OF 5

PART CODE	VARIANT	POWER	CCT / COLOUR	CRI	FLUX / OUTPUT	EFFICACY	CUTTING STEP	MAX RUN	DATASHEET
FL28/Nx G4 09W T927	Single Colour	9.1 W/m	2700K	CRI90	1255 lm	138 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T930	Single Colour	9.1 W/m	3000K	CRI90	1319 lm	145 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T935	Single Colour	9.1 W/m	3500K	CRI90	1353 lm	149 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T940	Single Colour	9.1 W/m	4000K	CRI90	1371 lm	151 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T950	Single Colour	9.1 W/m	5000K	CRI90	1382 lm	152 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T957	Single Colour	9.1 W/m	5700K	CRI90	1334 lm	147 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T965	Single Colour	9.1 W/m	6500K	CRI90	1334 lm	147 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T970	Single Colour	9.1 W/m	7000K	CRI90	1334 lm	147 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W T980	Single Colour	9.1 W/m	8000K	CRI90	1334 lm	147 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W xBL	Single Colour	9.1 W/m	Blue	Color	227 lm	25 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W xGR	Single Colour	9.1 W/m	Green	Color	841 lm	92 Lm/W	250 mm	8.5 m	PDF ↗
FL28/Nx G4 09W xRE	Single Colour	9.1 W/m	Red	Color	318 lm	35 Lm/W	250 mm	8.5 m	PDF ↗

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