EXTREME ENVIRONMENT HIGH-PERFORMANCE LUMINAIRE

Architape Opaline Extreme Series

24VDC / 48VDC | OUTDOOR IP67 | MACADAM 3-STEP | 5-YEAR WARRANTY | HIGH EFFICACY NICHIA

Architape Opaline Extreme is engineered for hyper-demanding environments including maritime, coastal salt-spray, chemical atmosphere, and heavy industrial settings. Built with 42x62mm reinforced housing and extreme-grade resin delivering up to 2,379 lm/m.

POWER RANGE	LUMINOUS FLUX	DIMENSIONS (W X H)	SERVICE LIFETIME
1.2 W/m – 26.1 W/m	22 lm/m – 2,379 lm/m	42 x 62 mm	L90B10 > 60kh



ARCHITAPE OUTDOOR LUMINAIRE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS

UKCA CE ETL MADE IN EUROPE 5 YEAR WARRANTY

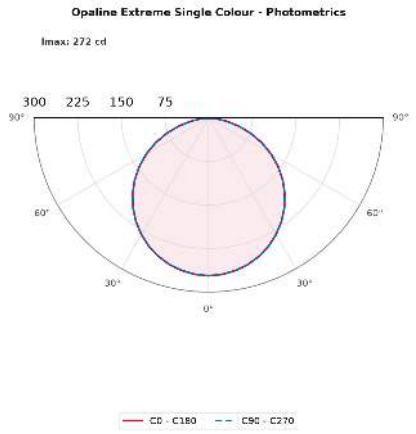
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE OPALINE EXTREME SERIES

PHOTOMETRIC DISTRIBUTION

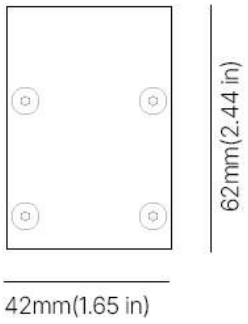
120° BEAM ANGLE



Precision optical distribution engineered for homogeneous illumination, minimal glare, and superior exterior facade grazing and accent lighting.

DIMENSIONS & PROFILE SECTION

SECTION: 42 X 62 MM



OUTER DIMENSIONS	42 x 62 mm
INGRESS PROTECTION	Outdoor IP67
PROFILE MATERIAL	Marine Anodised Aluminium & Chemical-Resistant Hard Resin
ENCAPSULATION / COVER	Opal Encapsulated, Hard, Opal Encapsulated, Hard, High Efficacy

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC / 48VDC (Constant Voltage)
AVAILABLE WATTAGES	1.2 W/m – 26.1 W/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
WARRANTY	5-Year System Guarantee
LED EMITTERS	Nichia High-Efficiency LEDs

SPECTRAL & FINISH OPTIONS

AVAILABLE CCT	2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K, RGB, RGBW
COLOUR FIDELITY	CRI 80+, CRI 90+
OPTICAL COVERS	Opal Encapsulated, Hard, Opal Encapsulated, Hard, High Efficacy
HOUSING COLOURS	Black, Gray, White

PART NUMBER DECODING LOGIC

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[SERIES] [PROFILE] [SEGMENT] [FINISH] [COVER] / [LED STRIP] [GEN] [POWER] [CCT] [LENGTH]
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Example: `FXI.A060L.EXT FB_ PBK EOP.HARD / FL112/Nx G5 10W 930 L1000 / HR.P1X.L200/L1000`

• A060L: Opaline Extreme 42x62mm • EOP.HARD: Hardened Resin • FL112: Nichia LEDs • 930: 3000K CRI90+

INSTALLATION & CUSTOM LENGTHS

STANDARD LENGTHS	1000 mm
CUSTOM CUTTING	Factory custom lengths down to segment pitch
CABLE ENTRY / EXITS	Side, Back, or End exit with IP67 connectors
DRIVER TYPE	Independent Class II SELV 24V / 48V

ARCHITAPE OUTDOOR LUMINAIRE SERIES

ARCHITAPE OPALINE EXTREME SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 04W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	4.8 W/m	2700K	CRI90	491 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 04W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	4.8 W/m	3000K	CRI90	516 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 04W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	4.8 W/m	4000K	CRI90	536 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 09W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K	CRI90	973 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 09W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	3000K	CRI90	1,022 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 09W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K	CRI90	1,063 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 14W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	14.4 W/m	2700K	CRI90	1,446 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 14W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	14.4 W/m	3000K	CRI90	1,519 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 14W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	14.4 W/m	4000K	CRI90	1,580 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 19W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K	CRI90	1,910 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 19W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K	CRI90	2,008 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL112/Nx G5 19W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K	CRI90	2,087 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 01W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	1.2 W/m	2700K	CRI90	123 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 01W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	1.2 W/m	3000K	CRI90	129 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 01W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	1.2 W/m	4000K	CRI90	134 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 02W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	2.4 W/m	2700K	CRI90	243 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 02W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	2.4 W/m	3000K	CRI90	256 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 02W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	2.4 W/m	4000K	CRI90	265 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 09W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.1 W/m	2700K	CRI90	879 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 09W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.1 W/m	3000K	CRI90	923 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL28/Nx G4 09W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.1 W/m	4000K	CRI90	960 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL56/Nx G5 18W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	18.2 W/m	2700K	CRI90	1,758 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL56/Nx G5 18W T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	18.2 W/m	3000K	CRI90	1,847 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/FL56/Nx G5 18W T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	18.2 W/m	4000K	CRI90	1,920 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/PXL.RGBW96/Bx G5 26W RGBW_RGBW_ L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	26.1 W/m	RGBW (Quad-chip 2000K)	N/A (RGB Spectrum)	1,568 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T927T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K / 3000K	CRI90	998 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T927T935 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K / 3500K	CRI90	1,010 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T927T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K / 4000K	CRI90	1,018 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T927T950 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K / 5000K	CRI90	1,020 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T927T957 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700K / 5700K	CRI90	1,001 lm	Black	PDF ↗

ARCHITAPE OUTDOOR LUMINAIRE SERIES

ARCHITAPE OPALINE EXTREME SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T930T970 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	3000K / 7000K	CRI90	1,026 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T930T980 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	3000K / 8000K	CRI90	1,026 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T940T950 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K / 5000K	CRI90	1,065 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T940T957 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K / 5700K	CRI90	1,046 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T940T965 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K / 6500K	CRI90	1,046 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T940T970 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K / 7000K	CRI90	1,046 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 09W T940T980 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	4000K / 8000K	CRI90	1,046 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T930 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 3000K	CRI90	1,959 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T935 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 3500K	CRI90	1,984 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 4000K	CRI90	1,999 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T950 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 5000K	CRI90	2,004 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T957 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 5700K	CRI90	1,967 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T965 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 6500K	CRI90	1,967 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T970 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 7000K	CRI90	1,967 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T927T980 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700K / 8000K	CRI90	1,967 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T935 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 3500K	CRI90	2,033 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T940 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 4000K	CRI90	2,048 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T950 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 5000K	CRI90	2,053 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T957 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 5700K	CRI90	2,016 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T965 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 6500K	CRI90	2,016 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T970 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 7000K	CRI90	2,016 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T930T980 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	3000K / 8000K	CRI90	2,016 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T940T950 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K / 5000K	CRI90	2,093 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T940T957 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K / 5700K	CRI90	2,056 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T940T965 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K / 6500K	CRI90	2,056 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T940T970 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K / 7000K	CRI90	2,056 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TW56/NN G5 19W T940T980 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	4000K / 8000K	CRI90	2,056 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TWd112/Nx G4 09W 827-65 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	9.6 W/m	2700-6500K	CRI80	940 lm	Black	PDF ↗
FXO.A060L EB_ PBK EOP.FULLY.HARD/TWd112/Nx G4 19W 827-65 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	19.2 W/m	2700-6500K	CRI80	1,866 lm	Black	PDF ↗
FXO.A060L EB_ AGY EOP.FULLY.HARD/FL112/Nx G5 04W T927 L1000/HR.P1X.L200/L1000	Opal Encap., Hard	120°	4.8 W/m	2700K	CRI90	491 lm	Gray	PDF ↗