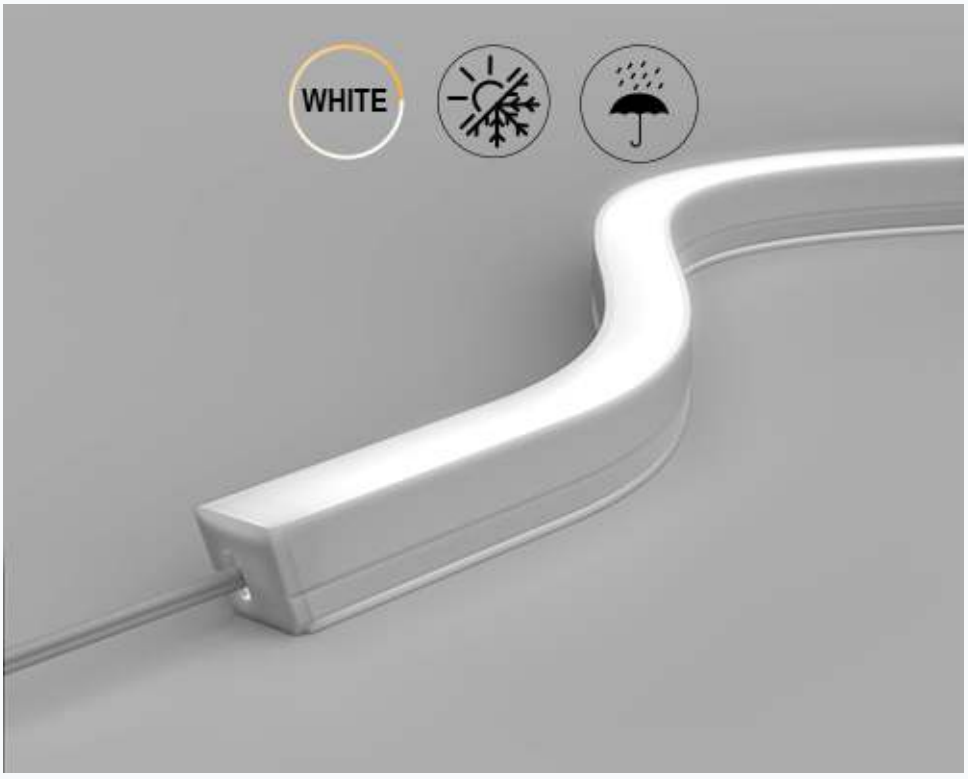
ARCHITECTURAL SIDE-BEND LINEAR FLEX

Architape Opaline Flex Side Series

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

Architape Opaline Flex Side is engineered specifically for horizontal lateral curvature along steps, planters, curved parapets, and complex exterior joinery. Features Nichia high-efficacy LEDs encased in seamless IP67 encapsulation with completely homogeneous, dot-free optical dissipation.

POWER RANGE	LUMINOUS FLUX	DIMENSIONS (W X H)	SERVICE LIFETIME
4.8 W/m – 14.4 W/m	149 lm/m – 1,243 lm/m	14.0 x 16.0 mm	L90B10 > 60kh



ARCHITAPE OUTDOOR FLEXIBLE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS

UKCA CE ETL MADE IN EUROPE 5 YEAR WARRANTY

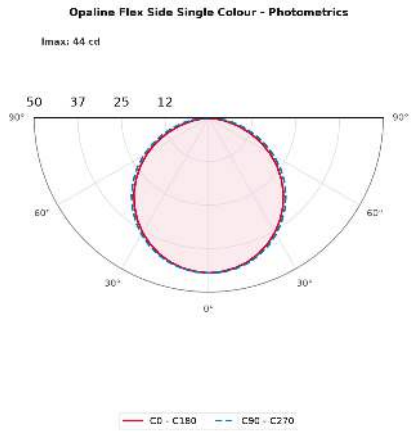
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE OPALINE FLEX SIDE SERIES

PHOTOMETRIC DISTRIBUTION

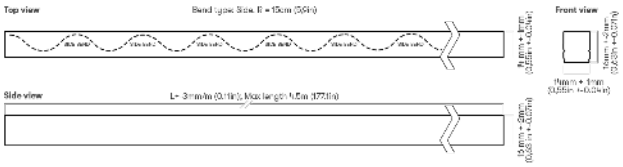
120° BEAM ANGLE



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

DIMENSIONS & PROFILE SECTION

SECTION: 14.0 X 16.0 MM



OUTER DIMENSIONS	14.0 x 16.0 mm
INGRESS PROTECTION	Outdoor IP67
PROFILE MATERIAL	UV-Stabilized Silicone / Polyurethane
ENCAPSULATION / COVER	Opal Encapsulated

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC / 48VDC (Constant Voltage)
AVAILABLE WATTAGES	4.8 W/m – 14.4 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
COLOUR FIDELITY	CRI 80+, CRI 90+
OPTICAL COVERS	Opal Encapsulated
HOUSING COLOURS	White

PART NUMBER DECODING LOGIC

```
[SERIES] [PROFILE] [FAMILY] [CONFIG] [GEN] [POWER] [CCT] [LENGTH]
```

Example: `OpalineFlexSideG2 IE RWE.EOP / FL 112/Nx.48V G5 10W 930 L1000`

• OpalineFlexSideG2: Side-Bend Profile • EOP: Opal Encapsulation • FL112/Nx: 112 LEDs/m Nichia • G5 10W: Gen 5 9.6 W/m • 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 FLEXIBLE SERIES

ARCHITAPE OPALINE FLEX SIDE SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W 922 L1000	Opal Encap.	120°	4.8 W/m	2200K	CRI 90+	255 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W 925 L1000	Opal Encap.	120°	4.8 W/m	2500K	CRI 90+	274 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T927 L1000	Opal Encap.	120°	4.8 W/m	2700K	CRI 90+	384 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T930 L1000	Opal Encap.	120°	4.8 W/m	3000K	CRI 90+	404 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T935 L1000	Opal Encap.	120°	4.8 W/m	3500K	CRI 90+	414 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T940 L1000	Opal Encap.	120°	4.8 W/m	4000K	CRI 90+	420 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T950 L1000	Opal Encap.	120°	4.8 W/m	5000K	CRI 90+	421 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T957 L1000	Opal Encap.	120°	4.8 W/m	5700K	CRI 90+	406 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W 920 L1000	Opal Encap.	120°	9.6 W/m	2000K	CRI 90+	460 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W 922 L1000	Opal Encap.	120°	9.6 W/m	2200K	CRI 90+	498 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T927 L1000	Opal Encap.	120°	9.6 W/m	2700K	CRI 90+	762 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T930 L1000	Opal Encap.	120°	9.6 W/m	3000K	CRI 90+	800 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T935 L1000	Opal Encap.	120°	9.6 W/m	3500K	CRI 90+	821 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T940 L1000	Opal Encap.	120°	9.6 W/m	4000K	CRI 90+	832 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T950 L1000	Opal Encap.	120°	9.6 W/m	5000K	CRI 90+	835 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T957 L1000	Opal Encap.	120°	9.6 W/m	5700K	CRI 90+	806 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W 920 L1000	Opal Encap.	120°	14.4 W/m	2000K	CRI 90+	682 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W 922 L1000	Opal Encap.	120°	14.4 W/m	2200K	CRI 90+	738 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W 925 L1000	Opal Encap.	120°	14.4 W/m	2500K	CRI 90+	800 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T927 L1000	Opal Encap.	120°	14.4 W/m	2700K	CRI 90+	1,132 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T935 L1000	Opal Encap.	120°	14.4 W/m	3500K	CRI 90+	1,220 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T940 L1000	Opal Encap.	120°	14.4 W/m	4000K	CRI 90+	1,237 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T950 L1000	Opal Encap.	120°	14.4 W/m	5000K	CRI 90+	1,243 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T957 L1000	Opal Encap.	120°	14.4 W/m	5700K	CRI 90+	1,199 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T965 L1000	Opal Encap.	120°	4.8 W/m	6500K	CRI 90+	406 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W 920 L1000	Opal Encap.	120°	4.8 W/m	2000K	CRI 90+	233 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W 925 L1000	Opal Encap.	120°	9.6 W/m	2500K	CRI 90+	541 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T965 L1000	Opal Encap.	120°	9.6 W/m	6500K	CRI 90+	806 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T930 L1000	Opal Encap.	120°	14.4 W/m	3000K	CRI 90+	1,190 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T965 L1000	Opal Encap.	120°	14.4 W/m	6500K	CRI 90+	1,199 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W 914 L1000	Opal Encap.	120°	4.8 W/m	1400K	CRI 90+	149 lm	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W 916 L1000	Opal Encap.	120°	4.8 W/m	1600K	CRI 90+	179 lm	White	PDF ↗

ARCHITAPE OPALINE FLEX SIDE SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W 918 L1000	Opal Encap.	120°	14.4 W/m	1800K	CRI 90+	**651 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T970 L1000	Opal Encap.	120°	4.8 W/m	7000K	CRI 90+	**406 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T970 L1000	Opal Encap.	120°	9.6 W/m	7000K	CRI 90+	**806 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T970 L1000	Opal Encap.	120°	14.4 W/m	7000K	CRI 90+	**1,199 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 04W T980 L1000	Opal Encap.	120°	4.8 W/m	8000K	CRI 90+	**406 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 09W T980 L1000	Opal Encap.	120°	9.6 W/m	8000K	CRI 90+	**806 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / FL112/Nx.24V G5 014W T980 L1000	Opal Encap.	120°	14.4 W/m	8000K	CRI 90+	**1,199 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / TW2 112/Nx G5 09W 827 L1000	Opal Encap.	120°	9.6 W/m	2700K / 6500K	CRI 80+	**736 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / RGB96/Nx G5 011W L1000	Opal Encap.	120°	11.5 W/m	RGB Colour Changing	N/A (RGB Spectrum)	**263 lm**	White	PDF ↗
OpalineG2Side IE RWE.EOP / RGB48/Nx G5 07W L1000	Opal Encap.	120°	7.2 W/m	RGB Colour Changing	N/A (RGB Spectrum)	**173 lm**	White	PDF ↗