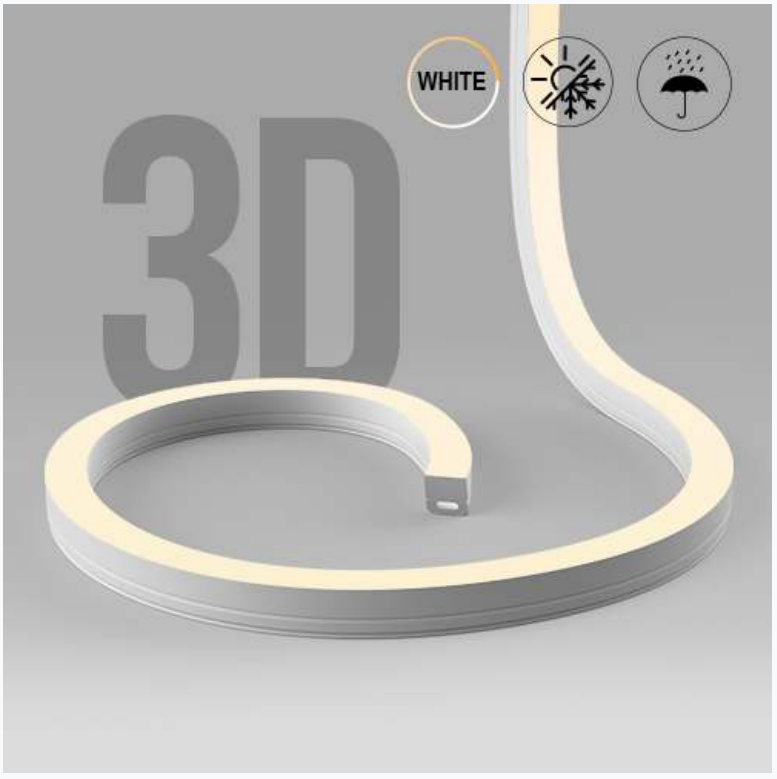
ARCHITECTURAL 3D-BEND LINEAR FLEX

Architape Opaline Flex 3D Series

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

Architape Opaline Flex 3D delivers unrestricted multi-axis articulation, bending smoothly in both vertical and horizontal planes simultaneously. Designed for complex organic sculptural architecture, domes, dynamic exterior landscape curves, and freeform lighting details.

POWER RANGE	LUMINOUS FLUX	DIMENSIONS (W X H)	SERVICE LIFETIME
4.8 W/m – 26.0 W/m	146 lm/m – 1,357 lm/m	14.0 x 16.0 mm	L90B10 > 60kh



ARCHITAPE OUTDOOR FLEXIBLE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS

UKCA CE ETL US MADE IN EUROPE 5 YEAR WARRANTY

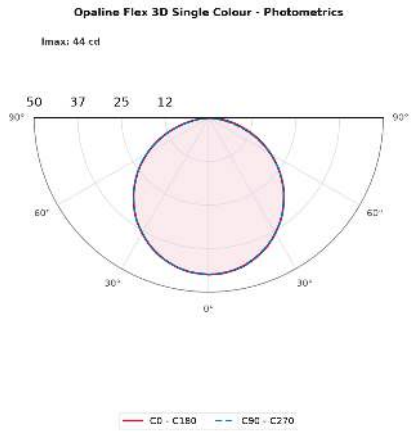
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE OPALINE FLEX 3D SERIES

PHOTOMETRIC DISTRIBUTION

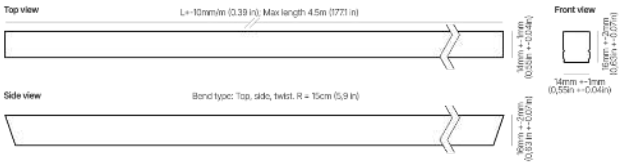
120° BEAM ANGLE



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	High-Flexibility Multi-Axis Polymer
ENCAPSULATION / COVER	Opal Encapsulated

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC (Constant Voltage)
AVAILABLE WATTAGES	4.8 W/m – 26.0 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 90+
OPTICAL COVERS	Opal Encapsulated
HOUSING COLOURS	White

PART NUMBER DECODING LOGIC

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

Example: `Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 10W 930 L1000`
• Opaline3DG2: 3D Multi-Axis Profile • EOP: Opal Encapsulation • FL112/Nx: Nichia LEDs • 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 3D SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W 922 L1000	Opal Encap.	120°	4.8 W/m	2200K	CRI 90+	278 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W 925 L1000	Opal Encap.	120°	4.8 W/m	2500K	CRI 90+	299 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T927 L1000	Opal Encap.	120°	4.8 W/m	2700K	CRI 90+	419 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T930 L1000	Opal Encap.	120°	4.8 W/m	3000K	CRI 90+	441 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T935 L1000	Opal Encap.	120°	4.8 W/m	3500K	CRI 90+	452 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T940 L1000	Opal Encap.	120°	4.8 W/m	4000K	CRI 90+	458 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T950 L1000	Opal Encap.	120°	4.8 W/m	5000K	CRI 90+	459 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T957 L1000	Opal Encap.	120°	4.8 W/m	5700K	CRI 90+	443 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W 920 L1000	Opal Encap.	120°	9.6 W/m	2000K	CRI 90+	503 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W 922 L1000	Opal Encap.	120°	9.6 W/m	2200K	CRI 90+	543 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T927 L1000	Opal Encap.	120°	9.6 W/m	2700K	CRI 90+	832 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T930 L1000	Opal Encap.	120°	9.6 W/m	3000K	CRI 90+	874 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T935 L1000	Opal Encap.	120°	9.6 W/m	3500K	CRI 90+	896 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T940 L1000	Opal Encap.	120°	9.6 W/m	4000K	CRI 90+	908 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T950 L1000	Opal Encap.	120°	9.6 W/m	5000K	CRI 90+	912 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T957 L1000	Opal Encap.	120°	9.6 W/m	5700K	CRI 90+	880 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W 920 L1000	Opal Encap.	120°	14.4 W/m	2000K	CRI 90+	744 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W 922 L1000	Opal Encap.	120°	14.4 W/m	2200K	CRI 90+	805 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W 925 L1000	Opal Encap.	120°	14.4 W/m	2500K	CRI 90+	874 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T927 L1000	Opal Encap.	120°	14.4 W/m	2700K	CRI 90+	1,235 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T935 L1000	Opal Encap.	120°	14.4 W/m	3500K	CRI 90+	1,332 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T940 L1000	Opal Encap.	120°	14.4 W/m	4000K	CRI 90+	1,350 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T950 L1000	Opal Encap.	120°	14.4 W/m	5000K	CRI 90+	1,357 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T957 L1000	Opal Encap.	120°	14.4 W/m	5700K	CRI 90+	1,309 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T965 L1000	Opal Encap.	120°	4.8 W/m	6500K	CRI 90+	443 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W 920 L1000	Opal Encap.	120°	4.8 W/m	2000K	CRI 90+	254 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W 925 L1000	Opal Encap.	120°	9.6 W/m	2500K	CRI 90+	590 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T965 L1000	Opal Encap.	120°	9.6 W/m	6500K	CRI 90+	880 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T930 L1000	Opal Encap.	120°	14.4 W/m	3000K	CRI 90+	1,298 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T965 L1000	Opal Encap.	120°	14.4 W/m	6500K	CRI 90+	1,309 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W 914 L1000	Opal Encap.	120°	4.8 W/m	1400K	CRI 90+	146 lm	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W 916 L1000	Opal Encap.	120°	4.8 W/m	1600K	CRI 90+	176 lm	White	PDF ↗

ARCHITAPE OPALINE FLEX 3D SERIES — STANDARD MODEL DIRECTORY

PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W 918 L1000	Opal Encap.	120°	14.4 W/m	1800K	CRI 90+	**641 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T970 L1000	Opal Encap.	120°	4.8 W/m	7000K	CRI 90+	**443 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T970 L1000	Opal Encap.	120°	9.6 W/m	7000K	CRI 90+	**880 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T970 L1000	Opal Encap.	120°	14.4 W/m	7000K	CRI 90+	**1,309 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 04W T980 L1000	Opal Encap.	120°	4.8 W/m	8000K	CRI 90+	**443 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 09W T980 L1000	Opal Encap.	120°	9.6 W/m	8000K	CRI 90+	**880 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / FL 112/Nx.3D G5 014W T980 L1000	Opal Encap.	120°	14.4 W/m	8000K	CRI 90+	**1,309 lm**	White	PDF ↗
Opaline3DG2 IE RWE.EOP / PXL.RGBW96/Bx.3D G5 026W L1000	Opal Encap.	120°	26.0 W/m	RGBW (Quad-chip 2000K)	N/A (RGB Spectrum)	**1,210 lm**	White	PDF ↗

ARCHITAPE OUTDOOR FLEXIBLE SERIES