![Architape logo]

DATASHEET

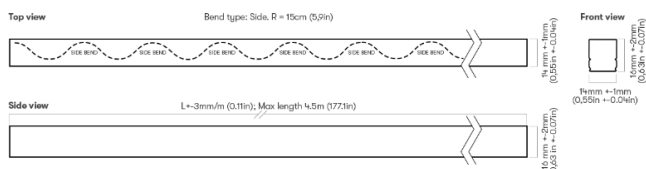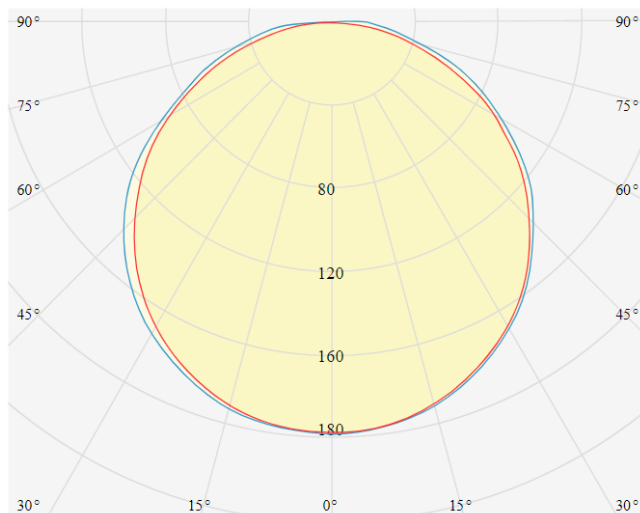## IE RWE.EOP RGB96/Nx G5 011W

Opaline Flex Side
Colour side bend LED line

Opaline Flex SB 100-10 RGB is a colour side bend LED line designed for outdoor lighting projects that need a creative and flexible lighting solution.

With a flexible polyurethane housing, the Opaline Flex SB 100-10 RGB can easily adjust to the geometry of building facades and structures while delivering a uniform light effect.

Fully encapsulated and protected from the elements, these high-quality LED lines are built for long-term professional applications.

DIMENSIONS

Top view — Bend type: Side. R = 15cm (5,9in)

SIDE BEND SIDE BEND SIDE BEND SIDE BEND SIDE BEND SIDE BEND

14 mm +-1mm (0,55in +-0,04in)

Front view
16mm +-2mm (0,63in +-0,07in)
14mm +-1mm (0,55in +-0,04in)

Side view — L+-3mm/m (0.11in); Max length 4.5m (177,1in)

16 mm +-2mm (0,63 in +-0,07in)

PHOTOMETRICS

SPECIFICATIONS

LIGHT TYPE	RGB
LEDs/M	96 LEDs/m
COLOR CONSISTENCY	3-Step MacAdam
LUMINOUS FLUX	Luminaire: 263 Lm/m
	Light engine: 479 Lm/m
	Red: 57 Lm/m
	Green: 168 Lm/m
	Blue: 37 Lm/m
EFFICACY	Luminaire: 23 Lm/W
	Light engine: 42 Lm/W
LIFETIME	L90B10 60.000 h
CONTROL	Dimmable
VOLTAGE	24 VDC
WATTAGE	11.52 W/m
CUTTING STEP	62.5 mm (2.46")
OTHER DETAILS	IP67 protection
	Bend radius: 15 cm (5.9")
DIMENSIONS	Width: 14 mm (0.55")
	Height: 16 mm (0.63")
	Max run: 9.5 m (31')
TEMPERATURE	Tc max <75°C (167°F)
OPERATING TEMP.	-25°C...+50°C (13°F...122°F)

![Certification logos: UKCA, CE, cETLus, Made in Europe, 5 Year Warranty, 3 Step MacAdam]

Possible allowed deviation of optical and electrical values is ±15%. Allowed measurement uncertainty ±7%.
All values are for reference only and customers should take these values on their own risk. Architape reserves the right for changes without prior notice.