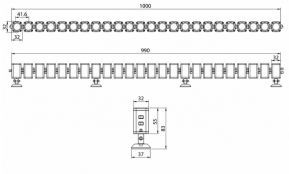
pluxb

IP66 IK08

KATE I

LED LM - 80 FLICKER FREE





Description:

KATE I illuminate architectural features and landscapes with the adaptable Linear Flex.
This flexible LED luminaire offers dynamic color control and multiple optics for tailored light distribution, perfect for accentuating facades, creating vibrant wall washes, and adding decorative flair to both linear and curved installations.
Enables creative lighting designs across diverse applications. This versatile solution adapts to complex architectural geometries while delivering precise illumination control for professional lighting installations. Adapts to both linear runs and complex curved architectural geometries.
Available with different CCT options and C5 Marine Grade Coating this family is a perfect solution to a wide range of project requirements. Lengths can be customized.
These fixtures are commonly used for accentuating architectural features, guiding pathways, or creating ambiance in outdoor spaces.

Product Specifications:

Housing : Die Cast Aluminum
Glass : Tempered glass
Coating : Powder Coating
Pixels : 24 Pixels/mtr
Light Source: Osram / Cree
Gasket: Molding shaped silicone seal
Lens/Reflector : Optical lens (efficiency>90%)
Power Cable: 0.3 mt. power cable included
Driver : VS / Meanwell / Inventronics
Installation Type: Surface Mounted
Adjustable : Yes

Technical Specifications:

Wattage: 24- 72W
Voltage: 24VDC
Frequency: 50-60Hz
No. Of LEDs : 30 LEDs/Mtr
Lumen: Single Color (3000K) - 75lm/W
RGBW (3000K) - 55lm/W
Mac Adam: 3 Step
Safety Class: III
Working Temperature:-30°C to 35°C
Life Time: 50,000hrs (L80/B10) at 25°C
Warranty: 5Years

Standards :

EN 60598-1
EN 60598-2-2
EN 60598-3-2
EN 60598-3-3

Parameter:

Wattage(W)	:	24W / 36W / 48W / 54W / 72W
Finish	:	White (W) / Black (B)
Kelvin*	:	2700K / 3000K / 4000K / 6000K / Tunable / RGBW
Beam Angle	:	10°/ 20° / 30°/ 45°/ 60°/ 10*60°/ 20*40°
CRI	:	80+ 90+
Control Mode	:	ON/OFF / DALI / DMX

*Lumen values are calculated at 45° beam angle, 4000K color temperature and CRI 80.

Order Code:

Product Code	Wattage	CCT	Voltage	Beam Angle	Finish	Control Mode
5423283	24 - 24W	27 - 2700K	D - 24VDC	10-10°	W - White	1-ON/OFF
	36 - 36W	30 - 3000K		20-20°	B - Black	2 - DALI
	48 - 48W	40 - 4000K		30-30°		3-DMX
	54 - 54W	60 - 6000K		45-45°		
	72 - 72W	Tun - Tunable		60-60°		
		82 - RGBW		10*60-10*60°		

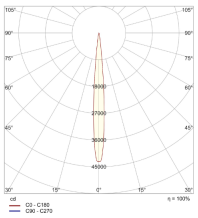
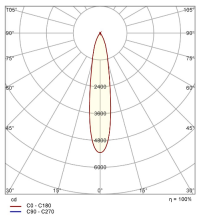
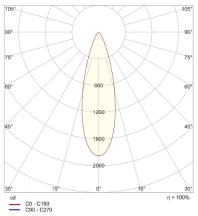
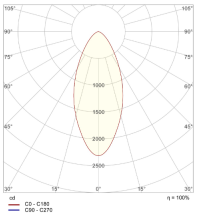
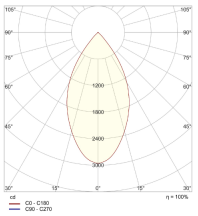
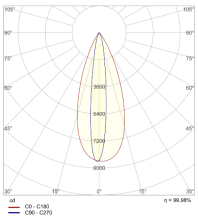
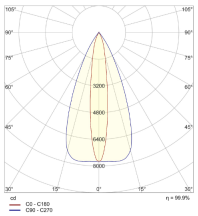
Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

83 - RGBW DMX

20*40-20*40°

Ex: Order Code: 54232832427D'10W1

Photometric:

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C