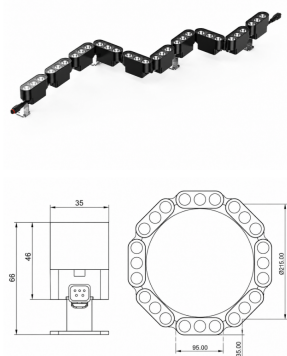


## KATE



### Description:

KATE 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 : 10 Pixels  
Light Source: OSRAM / LumiLeds  
Gasket: Molding shaped silicone seal  
Lens/Reflector : Optical lens (efficiency>90%)  
Power Cable: 0.5 mt. power cable included  
Driver : High efficiency, low flicker driver  
Installation Type: Surface Mounted

### Technical Specifications:

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

### Standards :

EN 60598-1

EN 60598-2-2

EN 60598-3-2

EN 60598-3-3

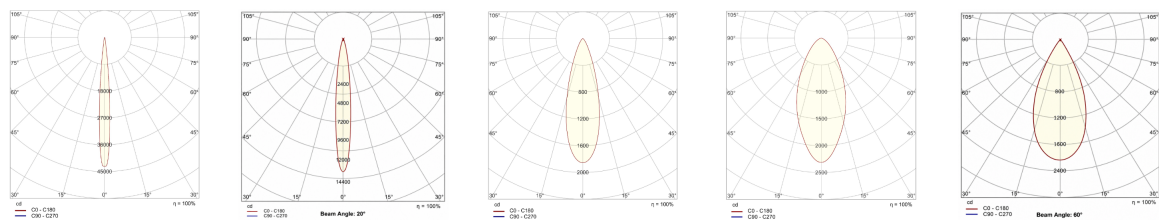
### Parameter:

|              |   |                                                |
|--------------|---|------------------------------------------------|
| 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°                    |
| CRI          | : | 80+ 90+                                        |
| Control Mode | : | ON/OFF / DMX                                   |

### Order Code:

| Product Code | Wattage  | CCT           | Voltage   | Beam Angle | Finish    | Control Mode |
|--------------|----------|---------------|-----------|------------|-----------|--------------|
| 5423566      | 24 - 24W | 27 - 2700K    | D - 24VDC | 10-10°     | W - White | 1-ON/OFF     |
|              | 36 - 36W | 30 - 3000K    |           | 20-20°     | B - Black | 2 - DMX      |
|              | 48 - 48W | 40 - 4000K    |           | 30-30°     |           |              |
|              | 54 - 54W | 60 - 6000K    |           | 45-45°     |           |              |
|              | 72 - 72W | Tun - Tunable |           | 60-60°     |           |              |
|              |          | 82 - RGBW     |           |            |           |              |
|              |          | 83 - RGBW DMX |           |            |           |              |

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  $\pm 5\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C

**Photometric:**

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