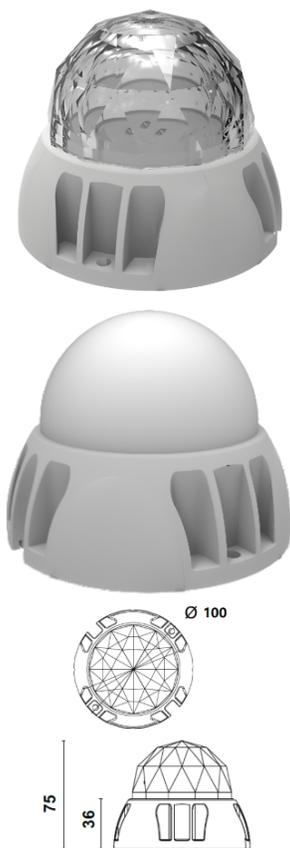


TRES



Description:

TRES is a pixel light with low power LED string product designed for outdoor facade lighting decoration. It involves in the most professional technology to support ultra-long distance power supply transmission for high-rise building or ultra long bridge.

It adopts engineering grade flame-retardant plastic PC/Glass shell combined with aluminum heat sink which largely extend lifespan of lamp.

With DMX512 control, this fixture supports 16.7 million color variations, enabling dynamic lighting scenes and pixel mapping for immersive visual effects. Utilizing wide voltage drive technology, it supports long-distance power supply up to 120 meters from the DC source, ensuring uniform brightness across all LEDs.

The pixel pitch can be customized. It is widely applied for ultra large area video display of building facade, contour illumination, interior or exterior flat or irregular surface lighting decoration, canopy, and bridges.

Product Specifications:

Housing : Die cast Aluminium
 Coating : Powder Coating
 LED Quantity : 12 LEDs
 Diffuser : Tempered glass/ Polycarbonate
 Gasket: Molding shaped silicone seal
 Net Weight : 580g
 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: 3W
 Voltage: 24VDC
 Frequency: 50-60Hz
 Power Factor : >.9
 Light Source: CREE/LumiLeds
 Lumen: 63lm/W
 Mac Adam: 3 Step
 Safety Class: III
 Working Temperature:-35°C to 50°C
 Life Time: 60,000hrs (L80/B10) at 25°C
 Warranty: 5 Years

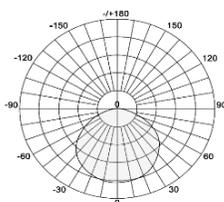
Parameter:

Wattage(W)	:	3W
Finish	:	Black (B) / White (W) / Grey (G)
Kelvin*	:	2200K / 2700K / 3000K / 4000K / 5000K / 6000K / RGBW / RGBW DMX
Beam Angle	:	120°
CRI	:	90+
Control Mode	:	ON/OFF / DALI / 0/1-10V / Phase Cut / DMX

Order Code:

Product Code	Wattage	CCT	Voltage(DC)	Beam Angle	Finish	Control Mode
556100	3 - 3W	22 - 2200K	D-24VDC	120-120°	B - Black	1-ON/OFF
		27 - 2700K			W - White	2-DALI
		30 - 3000K			G-Grey	3-0/1-10V
		40 - 4000K				4-Phase Cut
		50 - 5000K				5-DMX
		60 - 6000K				

Photometric :



Standard:

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

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

92 - RGBW
93 - RGBW DMX

Ex: Order Code: 556100322D'120B1

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