

**Product Model No.** : LK LW 46 - 55

**Product Description** : 50W LED RGBW Linear Wash Light

Linear wash lights are versatile fixtures designed to illuminate spaces with a uniform, elongated beam of light. Their sleek, elongated design makes them ideal for accentuating architectural features, highlighting artwork, or creating dramatic lighting effects. These fixtures offer precision and flexibility, making them essential tools for both indoor and outdoor lighting design.



## 50W LED LINEAR WASH LIGHT

### Technical Specifications:

#### Electrical & Power:

- Power Consumption : 50W
- Input Voltage/Current : DC 24V / 2000 mA
- Electrical Class : III Class
- Power Factor (Min) : 0.9
- Harmonic Distortion : < 10%
- Driver/power unit : External

#### Optical Arrangement:

- Beam Angle : 25°
- Optional Beam Angle : 15° , 45°
- Field Angle : 32°

#### Lamp Source:

- LED Source : SMD Based
- Colour Temperature : RGBW
- CRI : > 80
- Lumens/W : > 55
- Net Luminous Flux : 2750
- SDCM : < 3
- LED Hours Burning life : 50,000

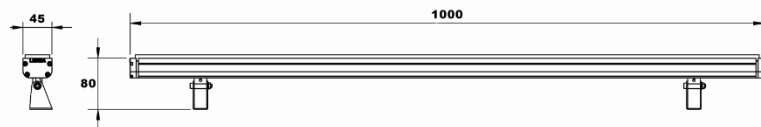
#### Control & Others:

- Control Option : DmX512/Auto
- DmX Channels : 4 CH

#### Physical & Construction:

- Dimension : 1000 x 45 x 115mm
- Ingress Protection : IP66 Rated
- Body Housing : Aluminium Die Casted
- Body Colour : Black / Grey
- Mounting Type : Yoke Mount
- Impact Resistance : IK07
- Connector : M/F Cable Mount
- Working Temperature : +55° ~ -30°

#### Dimensions:



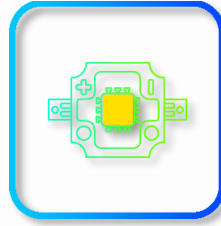
## Features



**50W Power Consumption**



**DMX control**



**SMD Based LEDs**



**Test Certificates**



**Beam angle: 25°**



**Color Temperature: RGBW**

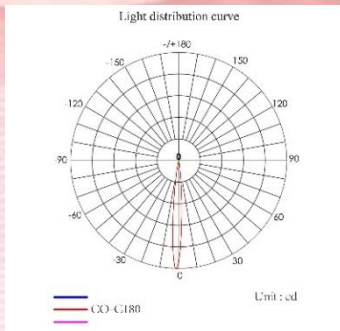


**Ingress Protection: IP 66**

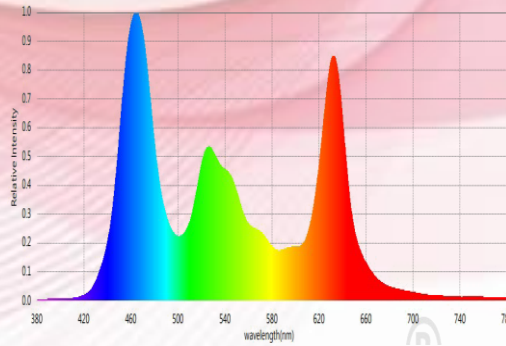


**Impact Protection: IK 07**

## Photometric Data



Light Distribution chart



Chromaticity Report

Distance IN (MTRS)	Beam Width		Lux(Center)
	W(MTRS)	H(MTRS)	
1	0.4433	1	6648
2	0.8867	2	1662
3	1.3301	3	739
4	1.7735	4	416
5	2.2169	5	267
6	2.6603	6	186
7	3.1037	7	137
8	3.5471	8	105
9	3.9905	9	83
10	4.4338	10	68

Vertical Spread : 25 Deg.      Horizontal Spread : 25 Deg.

Lux level distribution (25°)

## Certifications



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