

# Data Sheet

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Product Name: Point Light Source

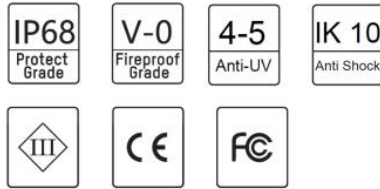
Item No.: YD-DG-30

Version No.: V1.0

**Hangzhou YD Illumination Co., Ltd**

## Point Light Source

### YD-DG-30



### Description

This LED point light source is with high brightness. Mainly used for large landscape lighting, facade lighting, bridge lighting etc. It is with the highest protection grade IP68. It is also can be used in the seaside area which is anti-salt.




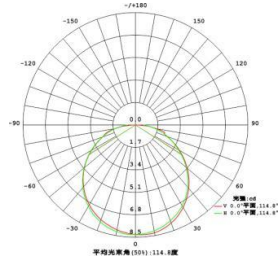
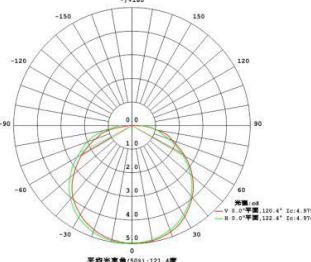
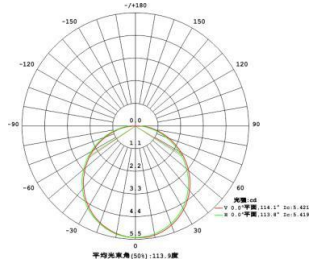
### Application Occasions

- Used to draw the outline of buildings and other large constructions
- Used to make building media screens
- Production of large-scale advertising videos and transparent advertising
- Make outdoor signs and sculptures



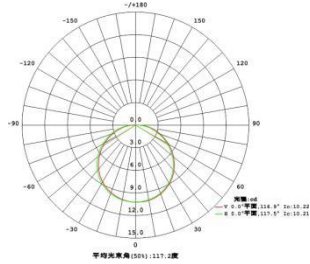
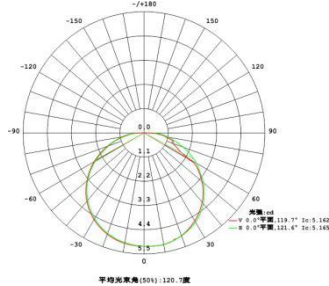
### Basic Parameters

Specifications		Drawing
Name	Point Light Source	<p>2.1mm [ˆ0.08ˆ] 29.7mm [ˆ1.17ˆ] 11.9mm [ˆ0.47ˆ] 13.5mm [ˆ0.53ˆ] 45mm [ˆ1.77ˆ]</p> <p>Ø32.3mm [Øˆ1.27ˆ] Ø30.5mm [Øˆ1.2ˆ] 17mm [ˆ0.67ˆ]</p>
Item No.	YD-DG-30	
Size	Φ30.5mm	
Weight	12g/pc	
Center distance	Generally 170mm (customized)	
Working Temperature	-20℃ To +55℃ / -4°F To +131°F	
Storage Temperature	-40℃ To +80℃ / -40°F To +176°F	
Using environment	Outdoor	
Average life of light source	50000 hours	
Power factor	≥0.9	
· <b><u>Note:</u></b> The parameters between the light sources allow a certain range of errors.		

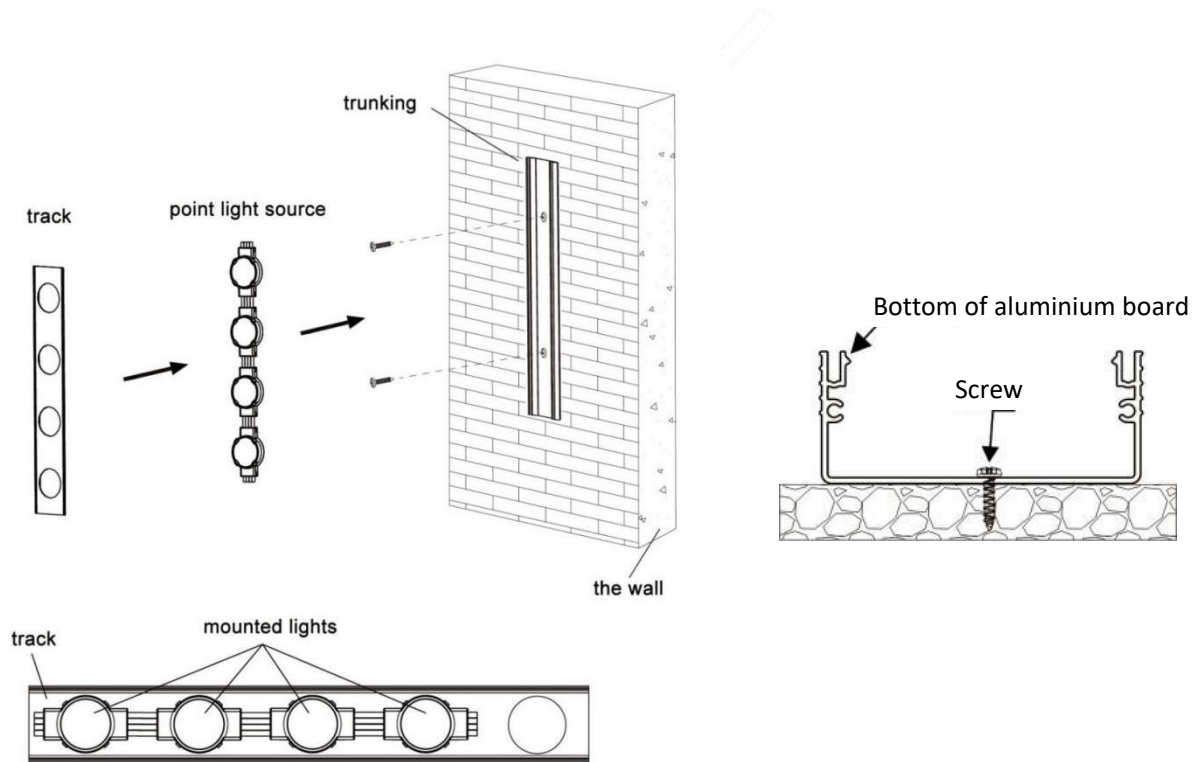
**Optical Parameter**

Model	YD-DG-30-A-DMX-12-0.5-W6-AP	YD-DG-30-A-DMX-12-0.5-B3W3-AP	YD-DG-30-A-DMX-12-0.8-RGB3-AP
Photo			
Color	W	B, W	RGB
Control Method	DMX512	DMX512	DMX512
Color resolution	16bit	16bit	16bit
Beam Angle	110°	120°	110°
Lumen	25.44 lm	16.46 lm	16.15 lm
Efficacy	49 lm/w	32.93 lm/w	21.53 lm/w
Central light strength	8.32cd	4.979 cd	5.421 cd
Voltage	12V	12V	12V
Power	0.5w	0.5W	0.8W
Luminosity distribution			

**Optical Parameter**

Model	YD-DG-30-A-DMX-12-1-RGB3W3-AP	YD-DG-30-A-CL-12-0.3-W3
Photo		
Color	W	W
Control Method	DMX512	ON/OFF
Color resolution	16bit	/
Beam Angle	120°	120°
Lumen	31.78 lm	16.71 lm
Efficacy	32.76 lm/w	55 lm/w
Central light strength	10.22 cd	5.166 cd
Voltage	12V	12V
Power	1W	0.3W
Luminosity distribution		

## Lamp installation



### Remarks:

- 1.The test environment temperature for the data provided in this specification is  $25\pm 2^{\circ}\text{C}$
- 2.The parameters provided in this specification are all based on standard products, there will be some errors in the actual parameters of the product, please subject to the actual product
- 3.If you choose different color temperatures, colors etc., the optical parameters will fluctuate to a certain extent.
- 4.For the specific installation arrangements and precautions of the product, please refer to the product manual.
- 5.The illustrations in this specification are all schematic diagrams, the actual product may vary, please subject to the actual product
- 6.This product is subject to any changes without notice
- 7.The final interpretation right of this specification belongs to Hangzhou YD Illumination Co., Ltd