

# LED POOL LIGHT

ITEM NO.: LPL-OP-D30 Series

## INSTRUCTION OF LED POOL LIGHT LPL-OP-D30

This product is mainly used for swimming pool, underwater lamp use. Monochrome, automatic gradient or on-off effect changes can be provided for users not to Use on the same occasion.

### A. Specification

#### A-1. Structure

Materials Of Shell: Stainless steel cover+Aluminum Alloy 6063+PC round tube

Operating Voltage: 24V DC

Protection Rating: IP68、IK08

Operating Temperature: -20℃~45℃



LPL-OP-D30

#### A-2. Model Configuration Table

| Model          | LED Quantity | LED Color | Power Consumption | Beam Angle                        | Size        | Weight     | ✓ |
|----------------|--------------|-----------|-------------------|-----------------------------------|-------------|------------|---|
| LPL-OP-D30-L12 | 48           | RGB       | 18 W              | 15°/30°/45°/60°/<br>20x40°/30x40° | L1280xD30mm | 0.93±5%kgs |   |
|                |              | W/RGBW    | 21 W              |                                   |             |            |   |
| LPL-OP-D30-L6  | 24           | RGB       | 9 W               |                                   | L675xD30mm  | 0.46±5%kgs |   |
|                |              | W/RGBW    | 11 W              |                                   |             |            |   |
| LPL-OP-D30-L3  | 12           | RGB       | 5 W               |                                   | L373xD30mm  | 0.24±5%kgs |   |
|                |              | W/RGBW    | 7 W               |                                   |             |            |   |
| LPL-OP-D30-L10 | 48           | RGB       | 18 W              |                                   | L1060xD30mm | 0.75±5%kgs |   |
|                |              | W/RGBW    | 21 W              |                                   |             |            |   |
| LPL-OP-D30-L5  | 24           | RGB       | 9 W               |                                   | L560xD30mm  | 0.4±5%kgs  |   |
|                |              | W/RGBW    | 11 W              |                                   |             |            |   |

### B. Working mode

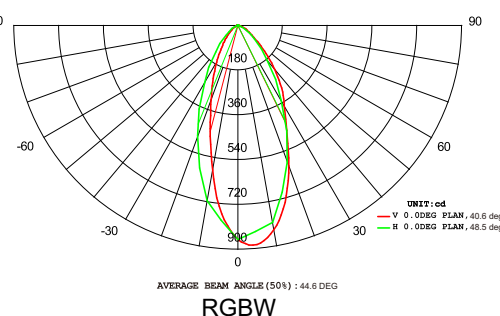
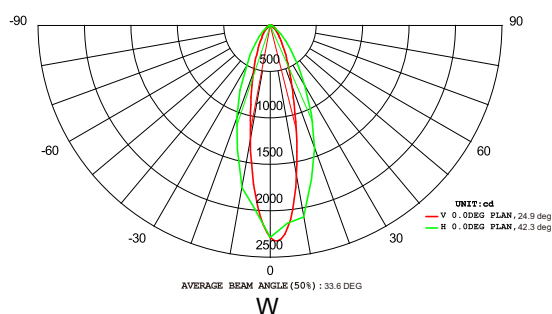
B-1. Steady Color Mode: Directly connect outside power supply (pay attention to the matchable of connectors)

B-2. DMX Mode: work with DMX controller (off-line or on-line)

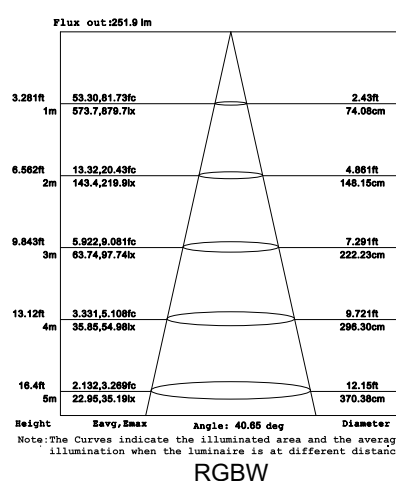
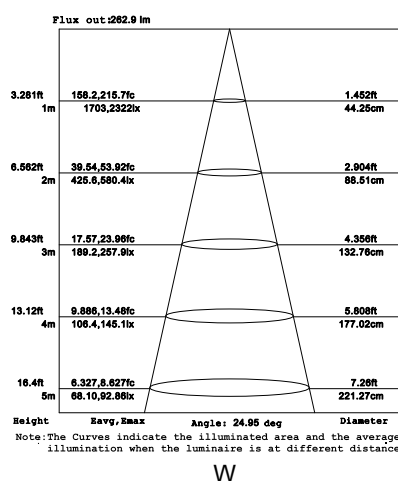
### C. Photometric Parameters

#### C-1. Distribution Curve

LPL-OP-D30-L12



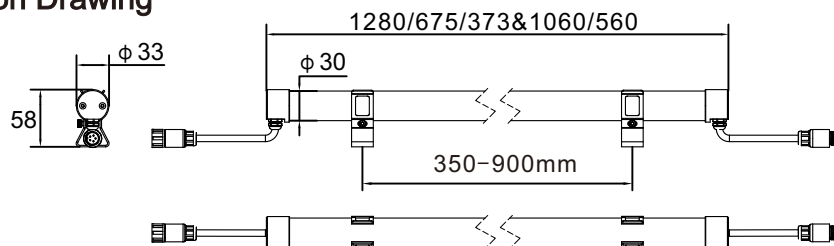
#### C-2. Illuminance at a distance



# LED POOL LIGHT

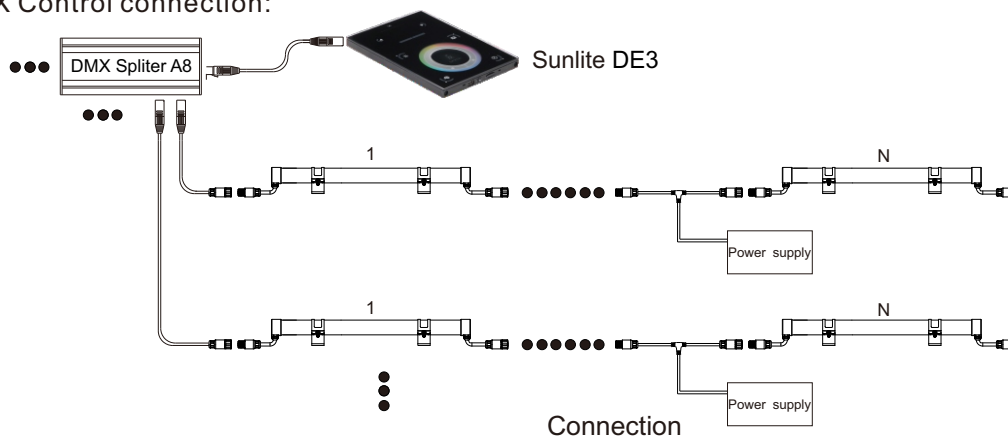
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## D. Dimension Drawing

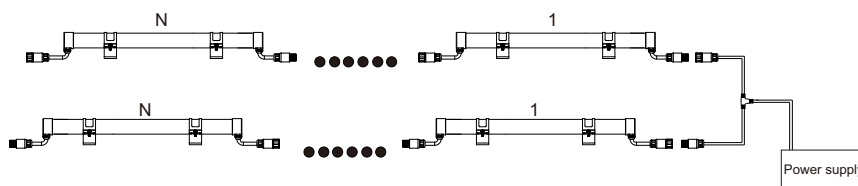


## E. Connection Drawing

### E-1. DMX Control connection:



### E-1. Steady color connection:



| Mode No            | Voltage | Power connection (MAX) | Signal Connection (RGBW:32CH/4ft) |
|--------------------|---------|------------------------|-----------------------------------|
| LPL-OP-D30-L12-DMX | 24V DC  | 6 PCS                  | 16 PCS                            |
| LPL-OP-D30-L6-DMX  | 24V DC  | 12 PCS                 | 32 PCS                            |
| LPL-OP-D30-L3-DMX  | 24V DC  | 24 PCS                 | 64 PCS                            |
| LPL-OP-D30-L12-S   | 24V DC  | 6 PCS                  | -                                 |
| LPL-OP-D30-L6-S    | 24V DC  | 12 PCS                 | -                                 |
| LPL-OP-D30-L3-S    | 24V DC  | 24 PCS                 | -                                 |
|                    |         |                        |                                   |
| LPL-OP-D30-L10-DMX | 24V DC  | 6 PCS                  | 16 PCS                            |
| LPL-OP-D30-L5-DMX  | 24V DC  | 12 PCS                 | 32 PCS                            |
| LPL-OP-D30-L10-S   | 24V DC  | 6 PCS                  | -                                 |
| LPL-OP-D30-L5-S    | 24V DC  | 12 PCS                 | -                                 |

### Caution:

1. Do not plug them into power when the product is still in package;
2. Don't use anything to cover the fixture during application;
3. Don't use this product in close environment;
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

### Warning:

- \* Please tighten the connection of lamp fittings to avoid the abnormal work of products caused by water inlet; Can not splice the head, will lead to waterproof failure.