



 **Lighting Orient**  
Energy Saving Lighting Revolution

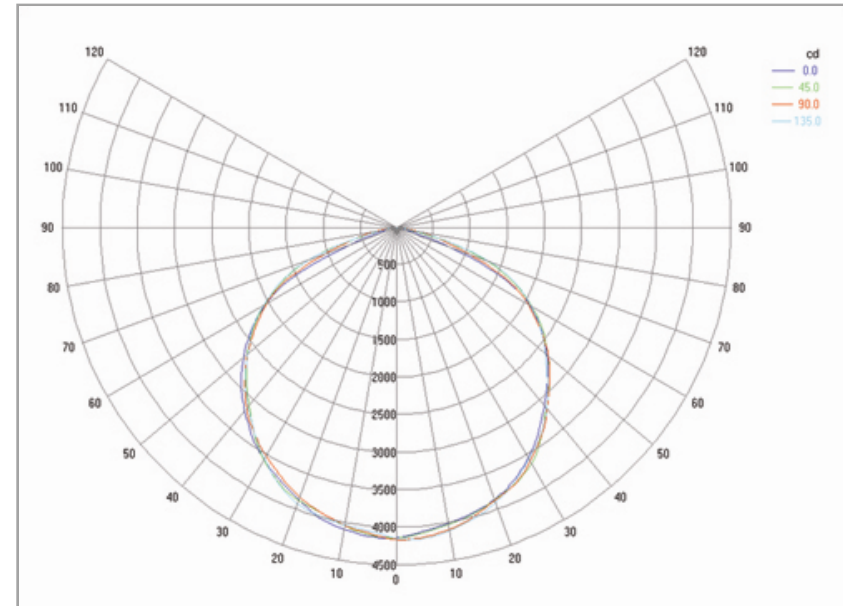
# Tunnel Lights



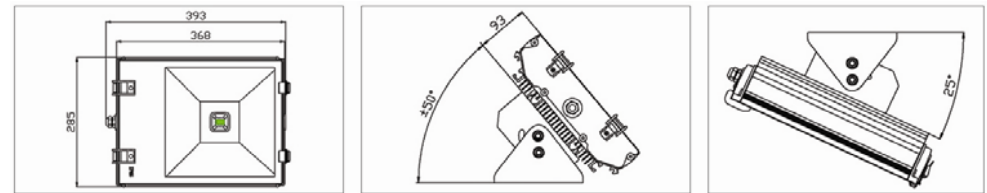
### Main Benefits

- High Brightness - **100lm/w**. 10 times than incandescent lamps.
- Long Life - Up to 50,000 hours.
- Robust Design - Shock and vibration resistant.
- Eco-friendly - No leads, mercury, argon, xenon or krypton gases
- Save Money – Reduce maintain and electricity cost. Save 50% - 70% electricity cost comparing with traditional sodium and mercury lamp.
- High Efficiency – Power factor>95%.
- Excellent Photometric Design - No ill glare, abrupt or frequent flashes
- Perfect Combination With solar Energy System

### Light Distribution Curve

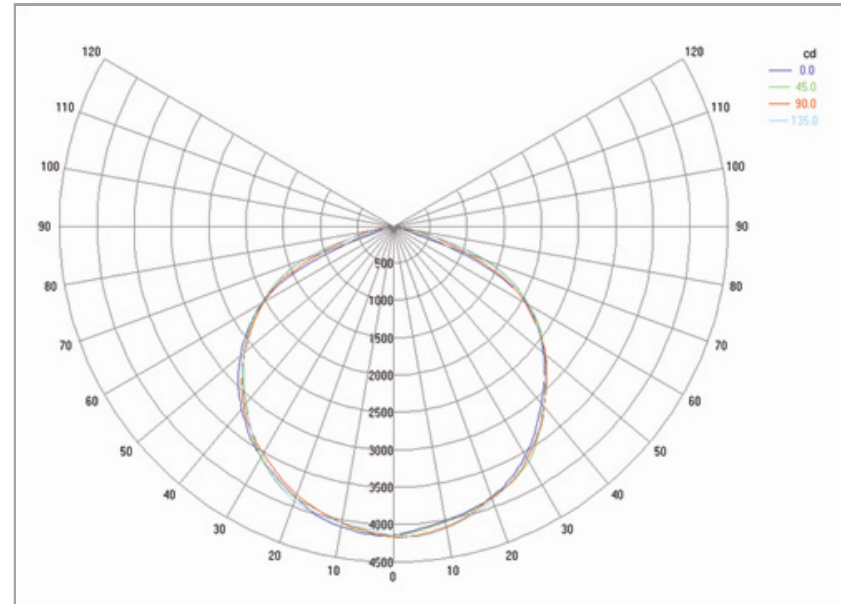


### Products Size Diagram

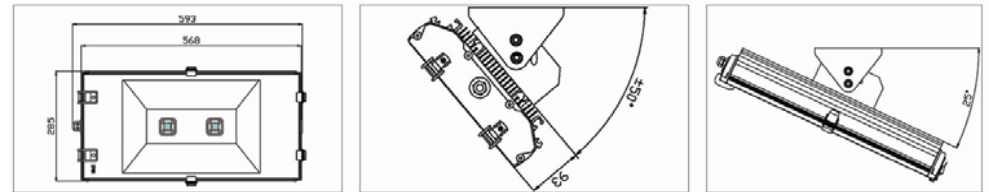




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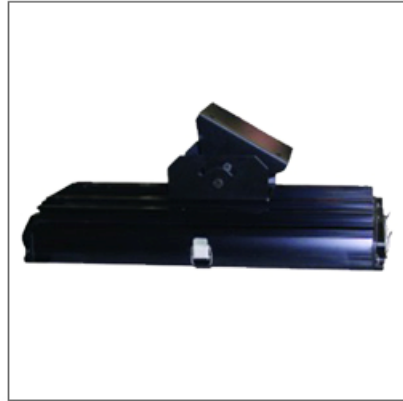
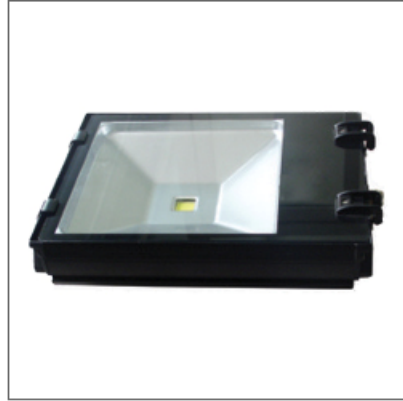
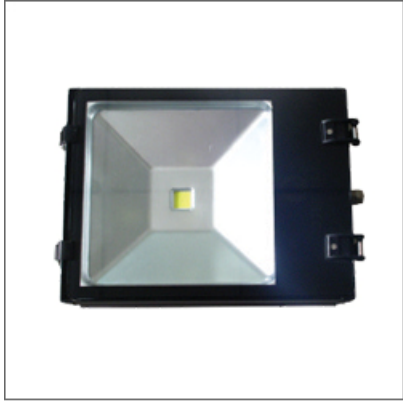


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LSL0921-370SD  
LSL0921-570SD

## Technical Parameters

| Technical Specifications |   |                  |
|--------------------------|---|------------------|
| Model                    | LSL0921-370SD   | LSL0921-570SD    |
| LED Power                | 10W-70W   | 80W-140W         |
| Operation Voltage        | AC (85V-265V) / Frequency (50Hz -60Hz)<br>DC(12V 24V) |                  |
| Power Efficiency         | > 90%   |                  |
| Power Factor             | > 0.98  |                  |
| LED Lighting Efficiency  | 100Lm/W   |                  |
| Luminaire Efficiency     | > 90%   |                  |
| Color Rendering Index    | Ra>80   |                  |
| Color Temperature        | 2700K-7000K   |                  |
| Ambient Temperature      | -40°C -55°C   |                  |
| IP Rating                | IP65  |                  |
| Life Span                | >50000h   |                  |
| Weight                   | 7.39Kg  | 10.6Kg           |
| Dimension                | 393mmX285mmX93mm                                      | 593mmX285mmX93mm |

## Materials

High-purity aluminum reflector, light housing and heat sink  
5mm thick high intensity tempered glass  
High power LED light source  
High efficiency imported LED driver

## Applications

Tunnels underpasses, railways, underground parking lot and other places where lighting is needed..

## Features

Use single powerful LED (10W-70W) as the light source, with our own intellectual property rights for LED encapsulation. Characteristics are high heat conductivity, low luminous decay, pure light color and no ghosting.

Extrusion aluminum heat body, which is closely connected to LED inside and remove heat through air cross ventilation with outside. This is to ensure LED life in an effective way.

The lights were sealed by age resistant silicone rubber. Anodic oxidation and plastic spraying are given to surface. It can meet the requirement if IP65.

Use the high pure imported aluminum from Germany as the reflector. This kind of reflector has high reflecting efficiency ensuring luminous flux. The special design of our reflector can improve the light uniformity and utilization ratio. It can control the light inside of a desired area.

No delay in start-up. It can reach normal brightness as soon as it is turned on. And avoid the long time start process of the traditional lights and realize instantaneous restart.

It can reflect objects more vividly, its color rendering index can reach 80, when vehicles get into the tunnels, the drivers can get used to the surrounding in a short period of time.

Environment friendly, air pollution free. It's no heat radiation. No harm to eyes and skin. No lead, mercury and any other contamination contained.



## Contact us

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## Installation & Lighting Effects Pictures

