



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# LRS180150

## High Bay Lighting Kit/ Heatsink Thermal Solution

### High Thermal Performance

#### Features

- Excellent thermal performance – large heatsink surface and lightweight
- High thermal conductivity aluminum alloy
- Thermal coating Technology – thermal radiation enhancement
- Fully mechanical components
- Optional E39/40 Connector



#### Applications

- LED Bay Lighting 100~150W

#### Description

The LRS series provides excellent thermal performance and design flexibility for LED lighting applications. The LRS series stamped heatsinks provide lower thermal resistance than traditional extruded, cold forged, and die-cast heatsinks. High aspect ratio fin provides excellent heat transfer capability. Various material finishes are available for enhanced thermal performance.

#### Ordering Information

Model	Finish	Option																
LRS180150	UF	K																
	↓	↓																
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### General

RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Packaging :	Box
Storage Temperature:	-40°C to +150°C

### Performance & Mechanical

Part Number Examples	*Heat Dissipation	Dimension (mm) D x H	Fin Surface Area (cm <sup>2</sup> )	Weight (kg)	Kit Solution
LRS180150TW	150W	180 x 180	5800	0.9	
LRS180150TWK	150W	180 x 312	5800	1.4	Lens, Housing, Connector
LRS180150CA	150W	180 x 180	5800	0.9	
LRS180150CAK	150W	180 x 312	5800	1.4	Lens, Housing, Connector
LRS180150UF	130W	180 x 180	5800	0.9	
LRS180150UFK	130W	180 x 312	5800	1.4	Lens, Housing, Connector

\*Heat Dissipation and Thermal Resistance should be considered for reference only. Actual results may vary due to the LED configuration, the finish chosen, and the environment conditions.

### Mechanical Specifications

