



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!



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LRF140

LED Heatsink Thermal Solution

High Thermal Performance

Features

- Excellent thermal performance – large heatsink surface
- High thermal conductivity aluminum alloy
- Precision forging technology for high fin density design

Applications

- LED 48W - 70W



Description

The LRF series provides good thermal performance and design flexibility for LED lighting applications. The LRF series cold forged heatsinks provide lower thermal resistance than traditional extruded, 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	Power Rating	Finish
LRF140	070	CB
	↓	↓
	Code	Power Rating
	048	48W
	055	55W
	060	60W
	065	65W
	070	70W
	Code	Finish
	UF	No Finish
	CB	Black Anodize

General

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

Performance & Mechanical

Part Number	*Heat Dissipation	Dimension (mm) D x H	Fin Surface Area (cm ²)	Weight (g)
LRF140048CB	48W	140 x 30	562	550
LRF140055CB	55W	140 x 40	779	615
LRF140060CB	60W	140 x 50	995	680
LRF140065CB	65W	140 x 60	1211	745
LRF140070CB	70W	140 x 70	1427	810

*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 environmental conditions.

Mechanical Specifications

