



# 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
	↓	↓
	<b>Code</b>	<b>Power Rating</b>
	048	48W
	055	55W
	060	60W
	065	65W
	070	70W
	<b>Code</b>	<b>Finish</b>
	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 <sup>2</sup> )	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

