



LRF046

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 12W-18W

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
LRF046	012	CB
	↓	↓
	Code	Power Rating
	012	12W
	014	14W
	015	15W
	018	18W
	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)	Fin Surface Area (cm ²)	Weight (g)
		D x H		
LRF046012CB	12W	46 x 20	154	26
LRF046014CB	14W	46 x 25	191	33
LRF046015CB	15W	46 x 30	229	39
LRF046018CB	18W	46 x 35	267	46

*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

