



# LED Stadium Luminaire

## LED RAYS Modular Array

### LAF Series



#### Features

- Large Area Luminaire for Stadiums, Sport Fields, Arenas and Storage Yards
- Hybrid Heatsink for High Thermal Dissipation
- Structured LED Array with 30° or 60° x 90° Lensing
- Optimized for Long Throw or Wide Area Photometric Distribution
- Nichia™ High Power LED
- Redundant Digital Drivers with 5 way I<sup>2</sup>O Protection
- IP65 Rating Provides Harsh Environment Capability
- 60,000hrs L70 at 25°C Ambient



#### Product Specifications

Model	Power	LED Type	CCT	Efficacy (avg.)	Luminous Flux	Beam Angle	IP Level
LR-LAF-450-55NL	450W	Nichia™	4500-5500K	≥90lm/W	40500lm	30°	IP65
LR-LAF-450-55NW	450W	Nichia™	4500-5500K	≥92lm/W	41400lm	60° x 90°	IP65

#### Electrical Specifications

- 1.Power Input: AC100-277V
- 2.AC180-508V (Option)
- 3.Power Factor: ≥98
- 4.TH.D: ≤14% @ full Load
- 5.Dimming: Yes optional

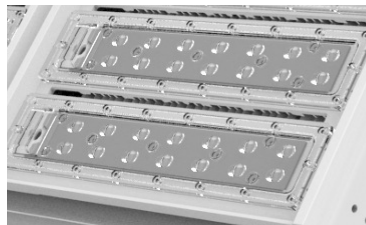


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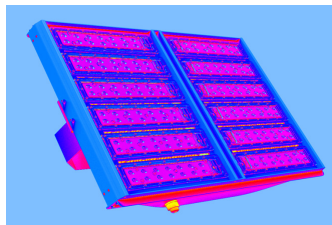
## Product Specifications



Fully Serviceable Modular Design Achieves High Performance



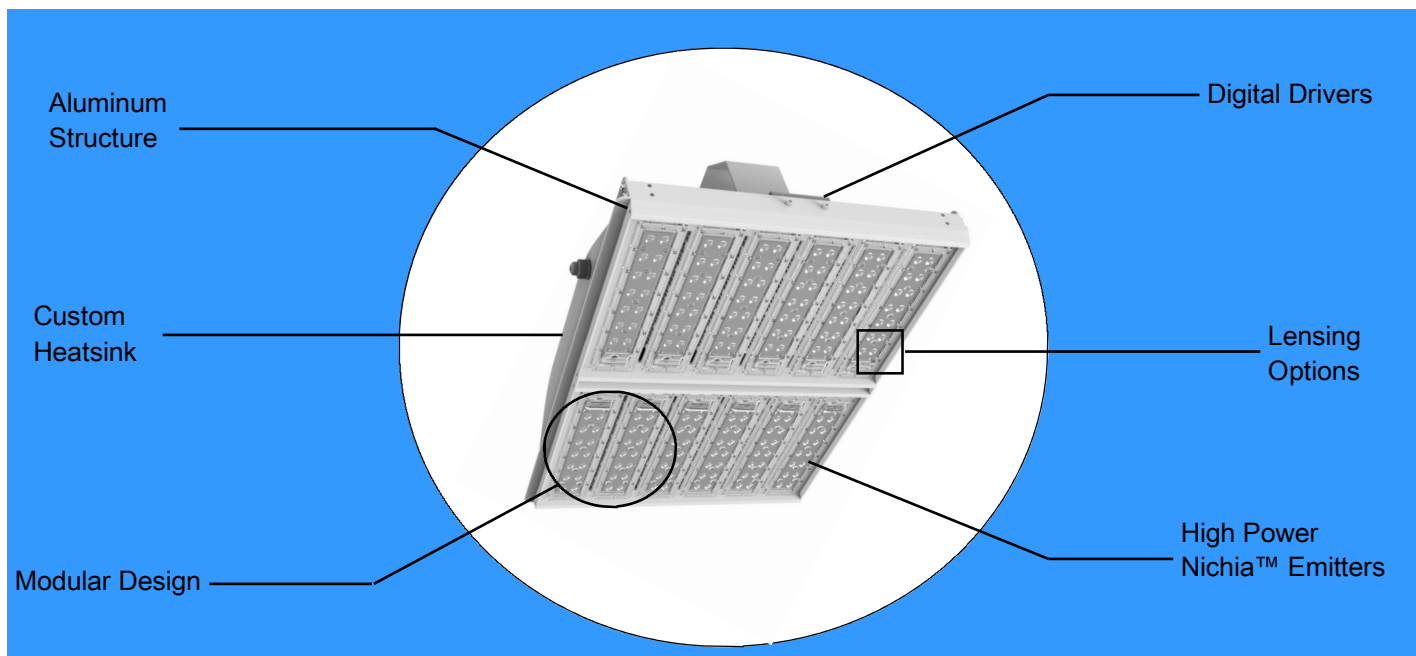
Lensing Options Provides Narrow or Wide Area Distribution



Unique Heatsink for Improved Thermal Dissipation

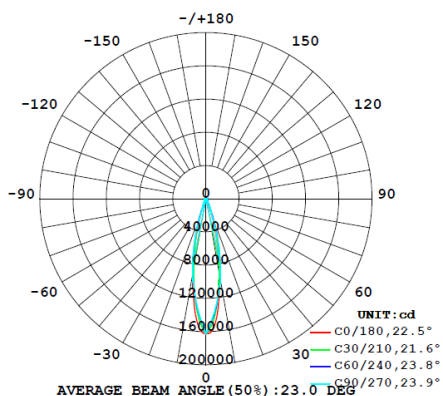


IP65 Rating for Complete Protection

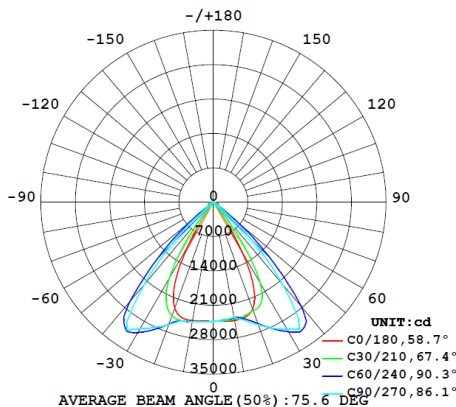


## Distribution Curves

30 Deg.

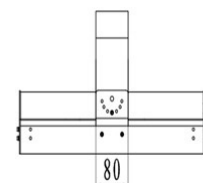
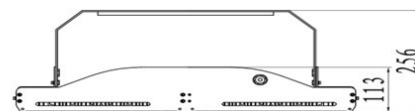
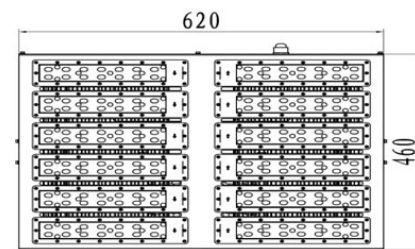


60V x 90H deg.



## Dimensions mm

LR-LAF-450-55N (L or W)/Unit Weight 16kg ±0.4kg



The specifications in this brochure are representative and must not be interpreted as a guarantee of individual product performance and/or characteristics.

LED Rays Inc. has a policy of continuous advancements & development specifications may change without notice. Please contact your rep for updates.