

LED

HPL LARGE AREA Luminaire

LED RAYS Modular Array



LED RAYS MASTERING LIGHT

HPL Series

NEW

Features

- XTRA Large Area Luminaire for Stadiums, Sport Fields, Arenas and Storage Yards
- Hybrid Heatsink for High Thermal Dissipation
- Structured LED Array with 85° x 135° Standard Distribution
- Optional 30° & 45° Lensing for Long Throw Photometric Distribution
- CREE™ High Power LED
- 3 x Redundant Digital Driver with 5 way I²O 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-HPL450v.1-5585135	450W	Cree™	4500-5500K	≥94lm/W	42500lm	85° x 135°	IP65
LR-HPL450v.1-5530	450W	Cree™	4500-5500K	≥92lm/W	41500lm	30° (*)	IP65
LR-HPL450v.1-5545	450W	Cree™	4500-5500K	≥97m/W	44000lm	45° (*)	IP65

(*) Optional

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



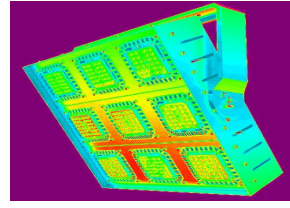
Product Specifications



Fully Serviceable Modular Design Achieves High Performance



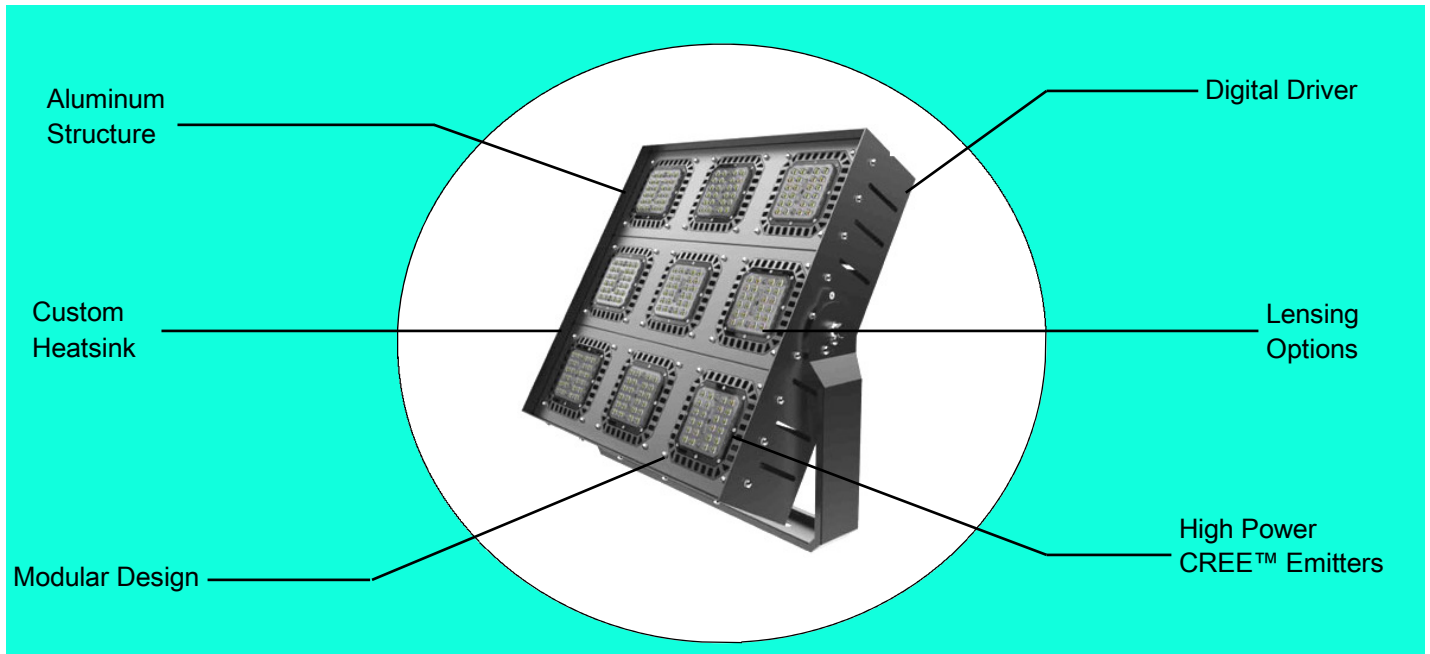
Lensing Options Provides Narrow or Wide Area Distribution



Unique Heatsink for Improved Thermal Dissipation

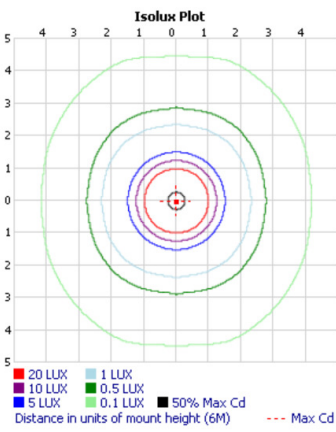


Digital driver with 5 way Protection

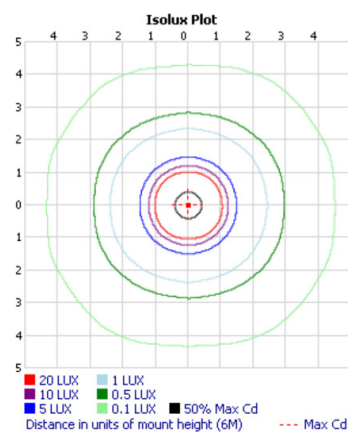


Distribution Curves

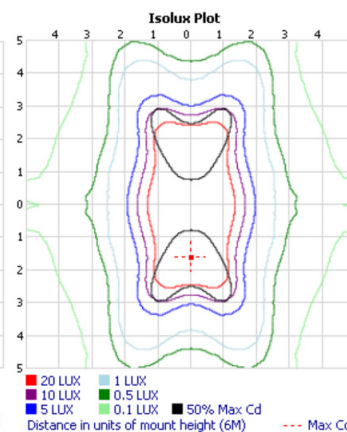
30 Deg.



45 Deg.



85V x 135H Deg.



Dimensions (mm)

560mm x 560mm x 180mm

Unit weight:

23.5kg ±0.5kg

The specifications in this brochure are representative and must not be interpreted as a guarantee of individual product performance and/or characteristics. LEDRays Inc. has a policy of continuous advancements & development specifications may change without notice. Please contact your rep for updates.