

# LED

## Area Luminaire

### LED RAYS Modular Arrays



# LED RAYS

MASTERING LIGHT

## HPF 3 Series

### NEW

### Features

- Unique heatsink offering unparalleled thermal capability for exceptional thermal dissipation
- Structured LED Array with 90° x 120° or 60° x 130° Optimized wide area Photometric Distribution
- Nichia™ high power LED
- ±90° vertically adjustable mounting
- Digital driver with 5 way I<sup>2</sup>O protection
- Aluminium housing provides for a light and rigid carrier for the light engine
- Rated IP65 provides harsh environment capability
- 50,000hrs L70 at 30°C Ambient



### Product Specifications

Model	Power	LED Type	CCT	Efficacy	Luminous Flux	Beam Angle	IP Level
LR-HPF-60-v3N	60W	Nichia™	4500-5500K	≥90lm/W	6000-8000lm	90° x 120° or 60° x 130°	IP65
LR-HPF-90-v3N	90W	Nichia™	4500-5500K	≥90lm/W	8000-10000lm	90° x 120° or 60° x 130°	IP65
LR-HPF-120-v3N	120W	Nichia™	4500-5500K	≥90lm/W	10500-13500lm	90° x 120° or 60° x 130°	IP65
LR-HPF-150-v3N	150W	Nichia™	4500-5500K	≥90lm/W	13500-17000lm	90° x 120° or 60° x 130°	IP65
LR-HPF-180-v3N	180W	Nichia™	4500-5500K	≥90lm/W	16000-20000lm	90° x 120° or 60° x 130°	IP65

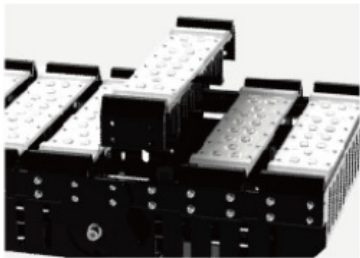
### Electrical Specifications

- 1.Power Input: AC100-277V
- 2.AC180-508V (Option)
- 3.Power Factor: ≥96
- 4.TH.D: ≤15% @ full Load
- 5.Dimming: Yes optional

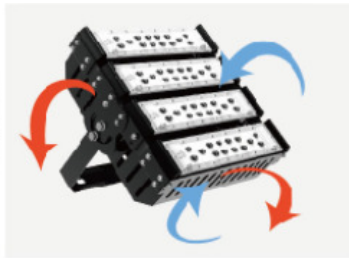


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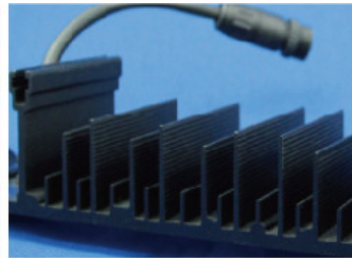
## Product Specifications



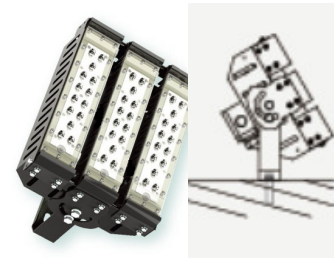
Fully serviceable modular design in a rugged chassis achieves high efficacy



Advanced thermal pathways greatly improves heat dissipation and cooling efficiency



Unique custom heatsink for improved thermal dissipation  
Low Tj and longer product life



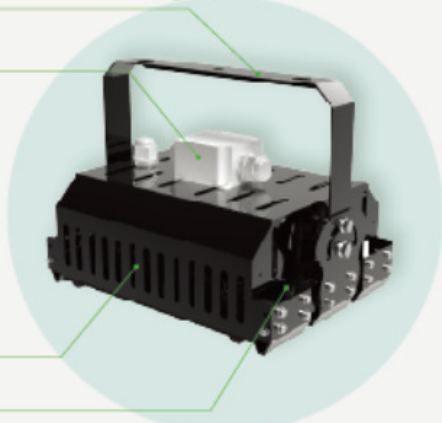
Up lighting capable with 90 degree vertically adjustable mounting

Strengthened Bracket with Bended Design by the Side

IP65 Junction Box

Aluminum Cover

Unique Heat Sink

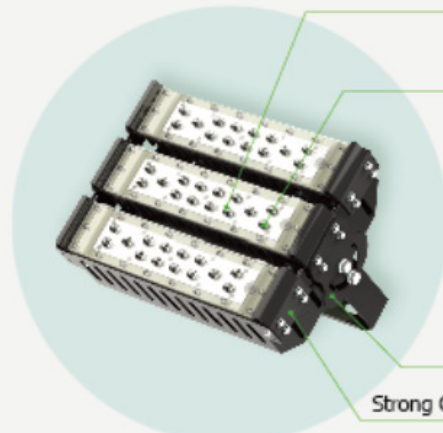


Modular Lens

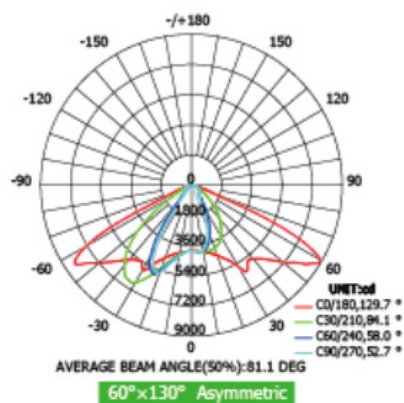
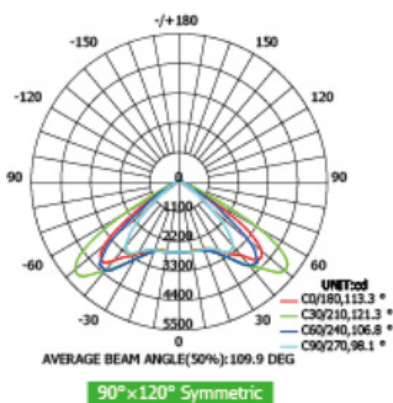
LED

180° Adjustable

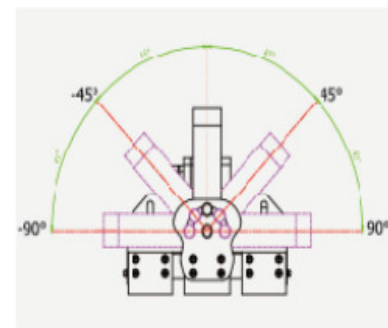
Strong Connection for the Modules



## Distribution Curves



## ±90°v Adjustment



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.