

HIGH POWER FLAT PACK LUMINAIRE



LPH SERIES

DESCRIPTION

The new LPH Series High Power Flat Pack Luminaires offer a viable & intelligent option to the ubiquitous canopy fixture. Just right engineering provides great luminous efficacy, thermal efficiency and overall reliability in a cost effective package. The LPH series LED luminaires are engineered for applications requiring medium and high power illumination and great flexibility in a slim profile form factor.

Availability of high power models producing upwards of 30,000lm mitigates the current void in this segment category. Manufactured using a modular platform featuring a corrosion resistant Aluminium AL5052 housing and integrating high performance Nichia™ 757 LED on thin film MCPCB with proprietary reflective coatings. The LPH provides crisp illumination with superior fixture efficacy.

Modular design provides added strength and improved thermal pathways for the LED engines. Complete environmental protection is achieved using superior polyurethane seals to protect against particulate intrusion and feature zero maintenance cycle requirements. Engineered with added mechanical strength, the main structure fascia is manufactured with an extruded Polycarbonate with practically indestructible properties. Available as semi translucent and full prismatic drop cone as an option.

The Polycarbonate components are treated to protect against material degradation under UV content exposure, and allow for corrosion/oxidization mitigation. High grade powder coating ensures long term luminaire reliability. The wide 130° distribution pattern provides comprehensive coverage with exceptional uniformity.

The LPH Series design effectively resolves the concerns associated with achieving high power in a minimal forward footprint while being cost effective. Available in 7 power levels to cover most applications. Long term longevity is achieved via the use of superior materials, electronics and exceptional engineering. Efficacies of >150LPW are possible by reducing light emission losses from thermal, electrical and optical systems.



APPLICATIONS

- Storage/Warehousing Areas
- Cardlock
- Transportation/Rail/Bus Service Bays
- Parking Structures
- Gas Stations
- Wash Bays

LPH SERIES SPECIFICATIONS

FIXTURE SERIES	POWER	LED TYPE	CCT	DISTRIBUTION	EXIT LUMEN	OPERATING VOLTAGE	IP RATING	DIMENSIONS
LR-LPH-060W-XX	60W	Nichia™- 757	4500K (3500-6500K avail)	130°	9,000lm	AC90-277V AC180-508V	IP65	L350 x W350 x H50mm
LR-LPH-080W-XX	80W	Nichia™- 757	4500K (3500-6500K avail)	130°	12,000lm	AC90-277V AC180-508V	IP65	L350 x W350 x H50mm
LR-LPH-100W-XX	100W	Nichia™- 757	4500K (3500-6500K avail)	130°	15,000lm	AC90-277V AC180-508V	IP65	L350 x W350 x H50mm
LR-LPH-120W-XX	120W	Nichia™- 757	4500K (3500-6500K avail)	130°	18,000lm	AC90-277V AC180-508V	IP65	L350 x W350 x H50mm
LR-LPH-150W-XX	150W	Nichia™- 757	4500K (3500-6500K avail)	130°	22,500lm	AC90-277V AC180-508V	IP65	L590 x W590 x H50mm
LR-LPH-180W-XX	180W	Nichia™- 757	4500K (3500-6500K avail)	130°	27,000lm	AC90-277V AC180-508V	IP65	L590 x W590 x H50mm
LR-LPH-200W-XX	200W	Nichia™- 757	4500K (3500-6500K avail)	130°	30,000lm	AC90-277V AC180-508V	IP65	L590 x W590 x H50mm

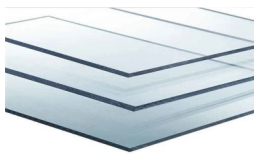
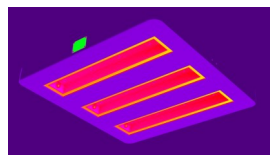


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FEATURES

HIGH PERFORMANCE
757 LED ENGINESEXTRUDED
POLYCARBONATESUPERIOR THERMAL
PERFORMANCEHIGH EFFICIENCY
DRIVERS

PRODUCT VIEWS



ORDERING INFO: LR-LPH -080-- HO-- 50-- L1-- --SF1--

ELECTRICAL SPECIFICATIONS

1. Power Input: AC100-277V
2. AC180-528V (Option)
3. Power Factor: ≥95
4. THD: ≤16% @ full Load
5. 1M/3.3ft lead input standard

POWER
*60W-060
*80W-080
*100W-100
*120W-120
150W-150
180W-180
200W-200

EFFICACY
130lm/w-SO
150lm/w-HO

CCT
3500k-35
4100k-41
5000k-50
6000k-60
6500k-65

DISTRIBUTION
130° CLEAR-L1
130° SEMI-OPAQUE-L2
Prismatic cone-L3

OPERATING VOLTAGE
100-277VAC-Blank
180-528VAC-HV

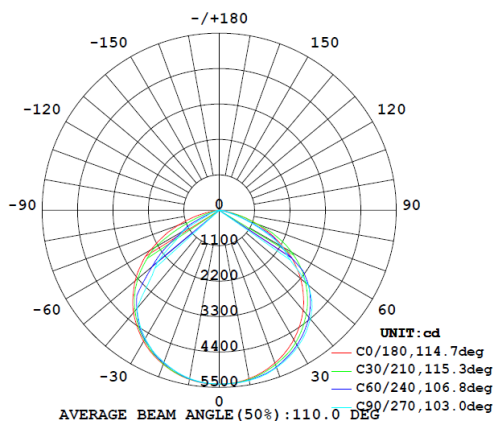
MOUNTING
SURFACE-SF1
*RECESSED-RS1

DIMMING *
None-Blank
PWM-01
1-10V-02
VAR RES-03
DALI-04
LEDIM-05
TEDIM-06
DMX-07

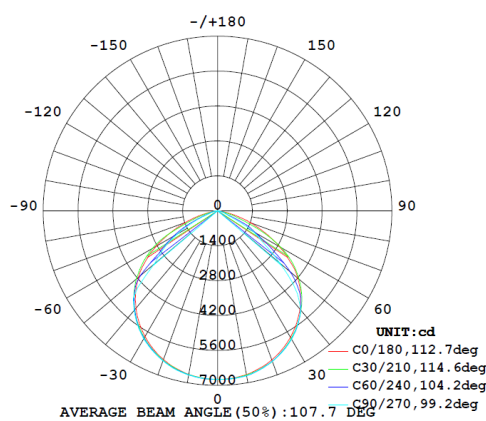
DIM Control: 0-5V, 0-10V, 1-10V, 0-20ma, 4-20ma, RS485, RS-232, PWM, RES, LEDIM, TEDIM, DMX512, DMX512/RDM, DALI, Custom
* LED RAYS offers the following dimming options (Please note not all DIM methods apply to a particular product)

* Standard configurations available with recess option

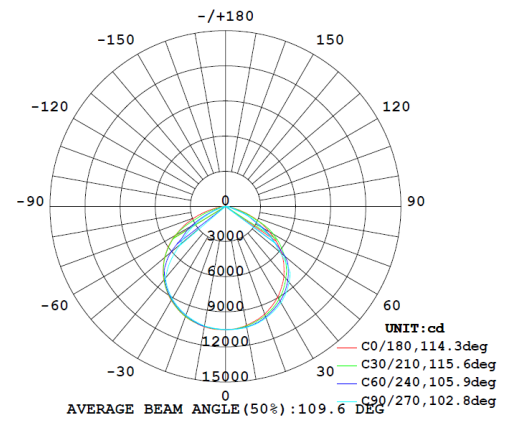
PHOTOMETRIC DISTRIBUTION



100W / L1



120W / L2



200W / L1

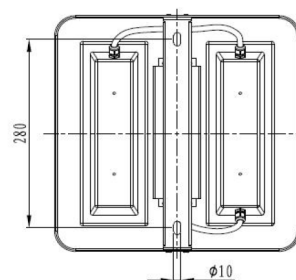
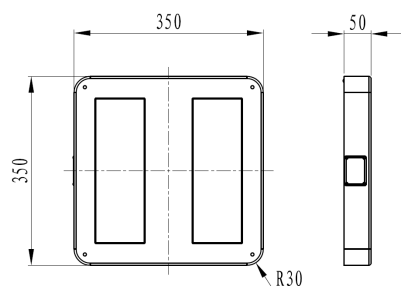




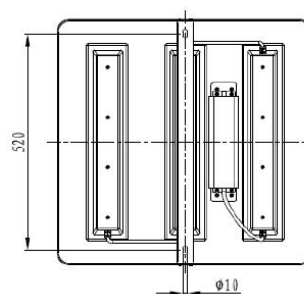
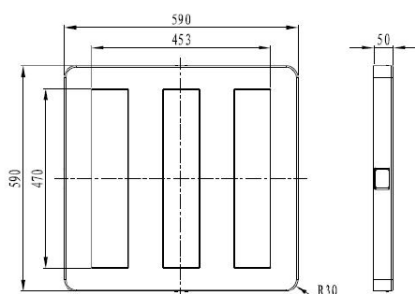
DIMENSIONS mm (± 1.1mm) / WEIGHTS (± 0.3kg/± 0.66lbs)

POWER	DIMENSIONS	WEIGHT
60W-80W	L350 x W350 x H52mm	2.75kg / 6.05lb
100W-120W	L350 x W350 x H52mm	2.90kg / 6.38lb
150W	L590 x W590 x H52mm	5.10kg / 11.22lb
180W-200W	L590 x W590 x H52mm	5.30kg / 11.66lb

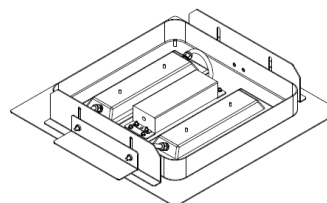
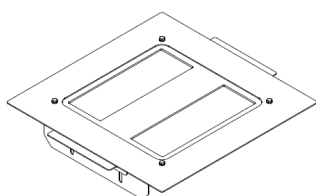
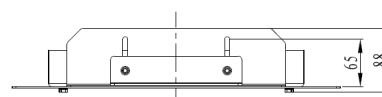
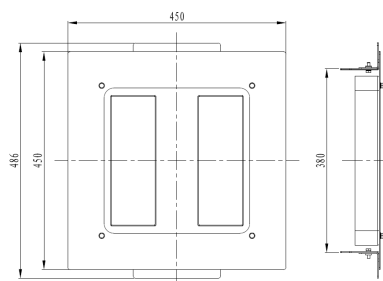
60W—80W—100W—120W



150W—180W—200W



Recessed Option For 60W—80W—100W—120W



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 agent for updates.

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