

ursa

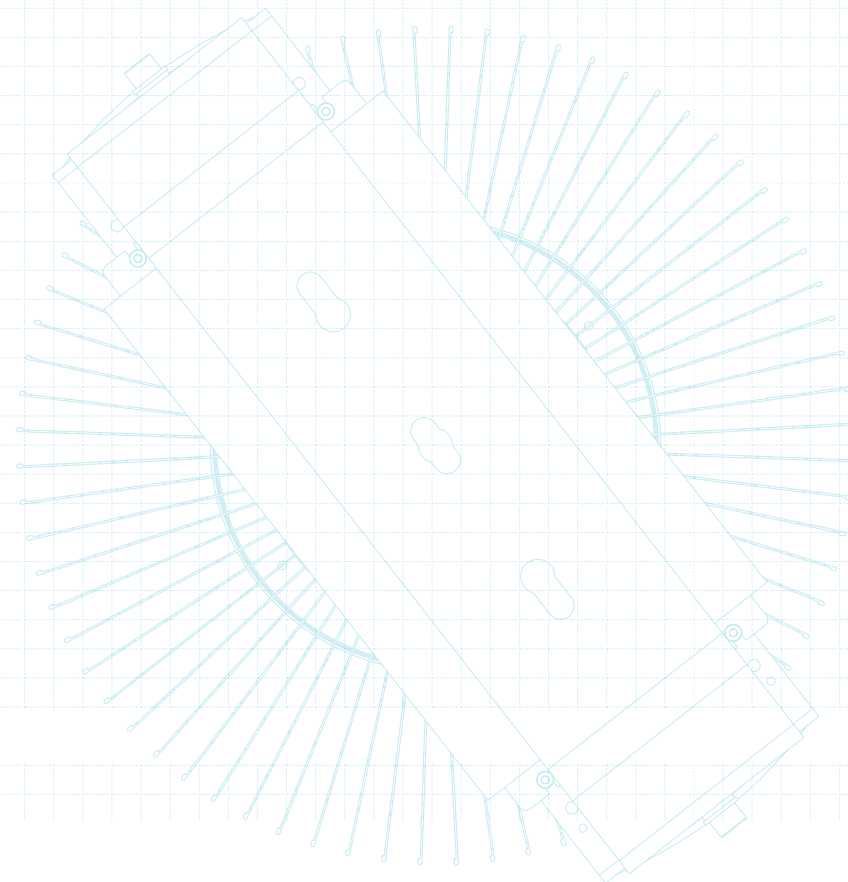
Helios Series

320W
SPECIFICATIONS

01 FEATURES + BENEFITS

PRODUCT SPECIFICATIONS 02

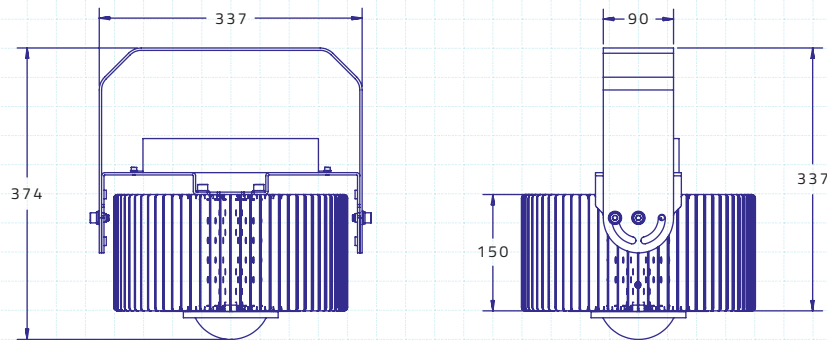
- Cold forged heatsink core with patented Forging Fit Technology capable of passively cooling up to 320W
- Adjustable angle bracket with a 270° allowable swivel, adaptable to various masts and poles
- Compliant with Mean Well 320W PSU
- Equipped with a 90° beam angle lens with a sealed waterproof design
- Record high total light flux and efficiency of a single light source: Flip Chip Opto Luna 300W COB
- Durable surface finish to protect against corrosion and harsh weather conditions



HS0320L - L603280 - THD5			
PRODUCT FAMILY H : Helios			
FIXTURE TYPE S : Swivel Bracket H : Highbay Eyebolt	FIXTURE WATTAGE 0320 : 320W	COB TYPE L : Luna	
OPTICS ANGLE L60 : 60° Lens L90 : 90° Lens LA2 : 120° Lens R25 : 25° Reflector R60 : 60° Reflector R90 : 90° Reflector	CCT 32 : 3200K 40 : 4000K 50 : 5000K	CRI 80 : 80 (Standard) 90 : 90 (Upon Request) 95 : 95 (Upon Request)	
SAFETY T : ETL N : Non	PSU H : HLG V : HVG	DIMMING D : Dimming N : Non-Dimming	HEATSINK 5 : 320W V2 6 : 600W

03

PRODUCT
PARAMETERS



MECHANICAL SPECIFICATIONS

Dimensions (mm)	300 x 337 x 374
Weight	24 lbs
Material	
Heatsink Core	Al 1070
Fins	Al 1050
Reflector	Al 1090
Lens	Tempered Glass
Brackets	Iron / 304 SS

Surface Finish		
Part	Process	Color Options
Heatsink	Electrophoretic Deposition (EPD)	Black
Brackets	Powder Coating	Black
Reflector	Anodizing / Powder Coating	Silver / Black

ELECTRICAL SPECIFICATIONS

Input Voltage Range	90 - 305 VAC
Drive Current	6.7 A
Output Voltage	48 VDC
Power Factor	0.98 @ 115 VAC
Operating Temperature	-20°C to 40°C (-4°F to 104°F)

OPTICAL SPECIFICATIONS

Light Source	Flip Chip Opto "Luna 300W" COB
Luminous Flux	32778 lm @ 304.8W, Cool White
Light Efficacy	107.5 lm/W
CRI	70 - 95+
CCT	3,000K / 4,000K / 5,000K
Light Color	Warm White / Neutral White / Cool White

RATING SPECIFICATIONS

Protection Rating	IP 65 (IP67 for optional PSU model)
Lifespan	50,000 Hours
Warranty	3 Years Minimum
Certifications	

*Application for safety certifications are pending

04

FIXTURE + BREAKDOWN

MODEL HS0320L - L90

HEATSINK FORGING FIT DESIGN

Comprised of a pure aluminum column, the unibody cold forged heatsink utilizes patented forging fit technology for fin insertion and allowing maximum thermal heat dissipation.

- OPTICAL LENS + SEALED DESIGN

The lens assembly contains a domed glass lens with a high transparency rate for minimal obstruction of the lumen output. The sealing gasket achieves the protection rating of IP65/66 to protect against different environmental conditions.

LUNA 300W COB

The single light source COB from Flip Chip Opto uses their proprietary low temperature bonding technology achieving a low thermal resistance of 0.1 C°/W.

For detailed specs:
<http://www.fcopto.com/luna-series/>

MOUNTING BRACKET

Stamped iron mounting brackets allow for quick orientation positioning and adaptability for tower/wall mounting and mobile/stationary units.

SURFACE FINISH

Consisting of an Electrophoretic Deposition (EPD) finish, the film coating provides uniform thickness and strong adhesion to protect against corrosion and mechanical stress.

OPTIONAL COMPONENTS



25° Reflector 60° Reflector



120° Lens



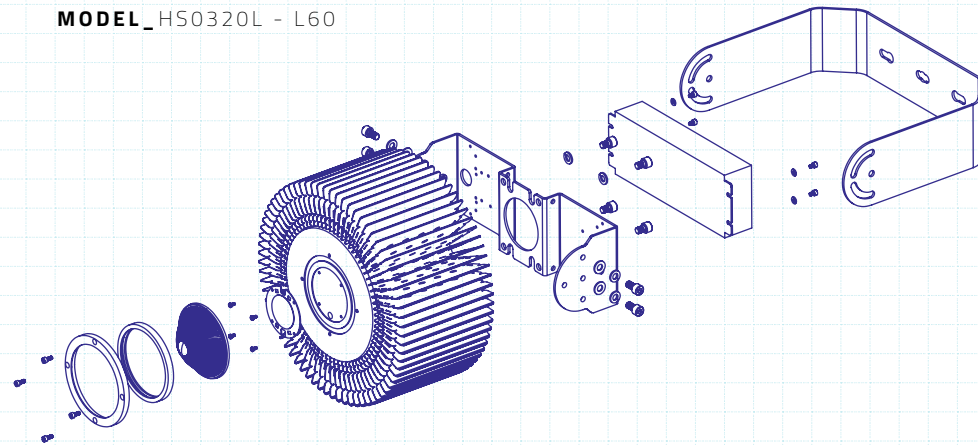
Alternative Hook Mount Highbay Bracket Assembly

*For additional information regarding optical components, contact URSA sales

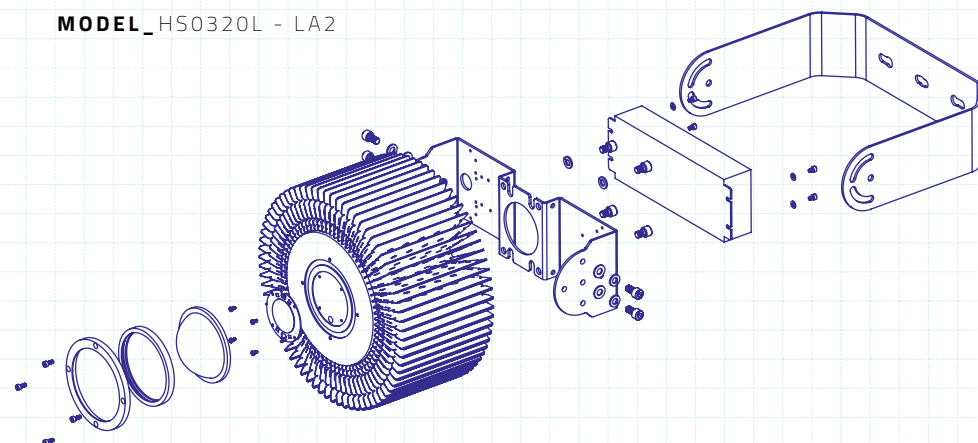
04

FIXTURE + BREAKDOWN

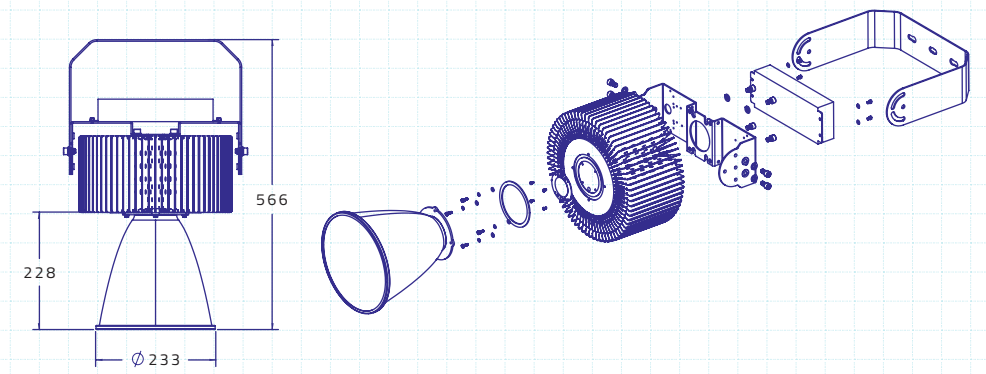
MODEL_HS0320L - L60



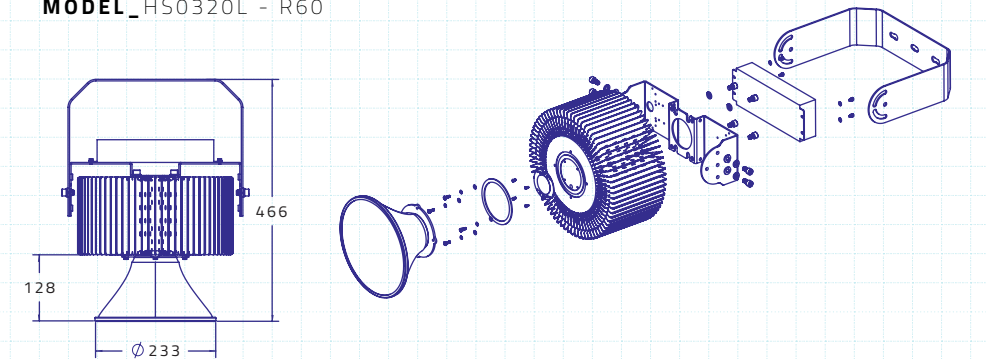
MODEL_HS0320L - LA2



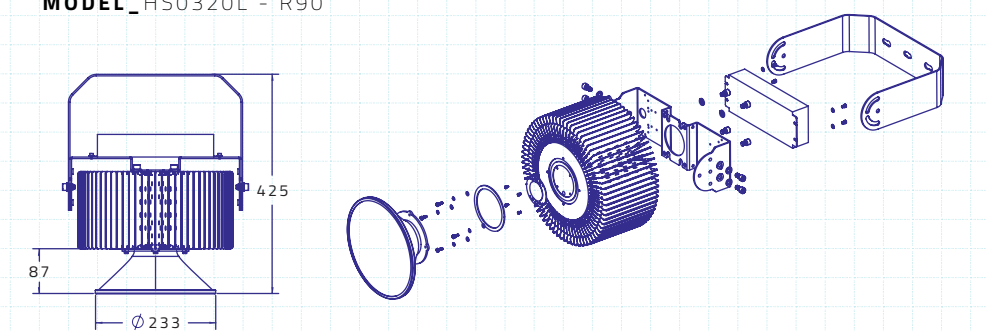
MODEL_HS0320L - R25



MODEL_HS0320L - R60



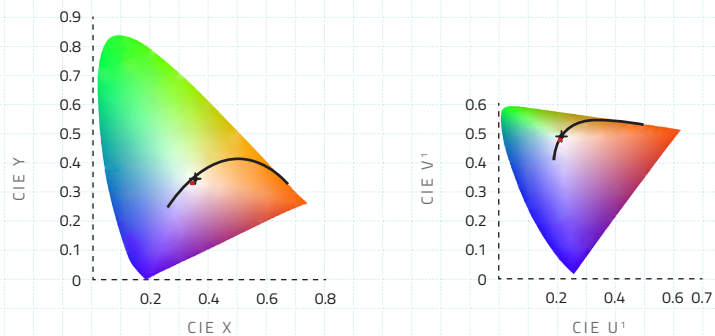
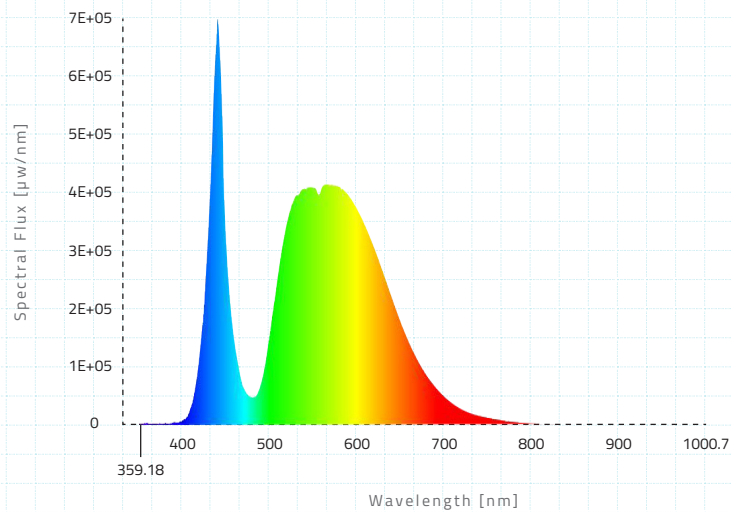
MODEL_HS0320L - R90



1000.7

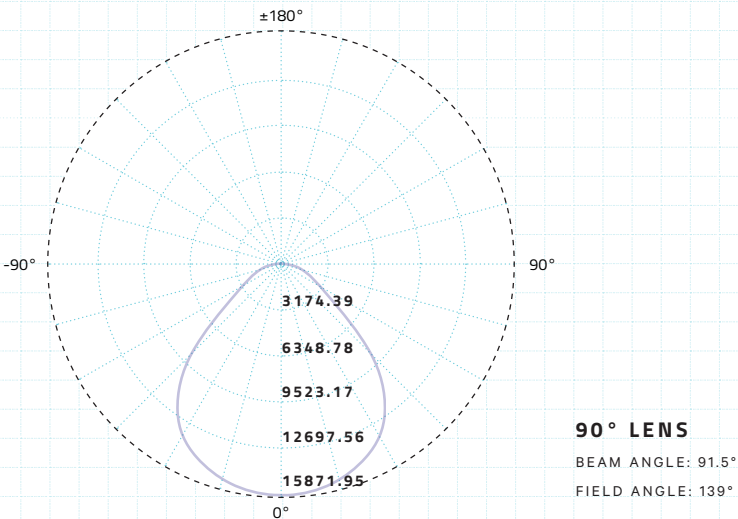
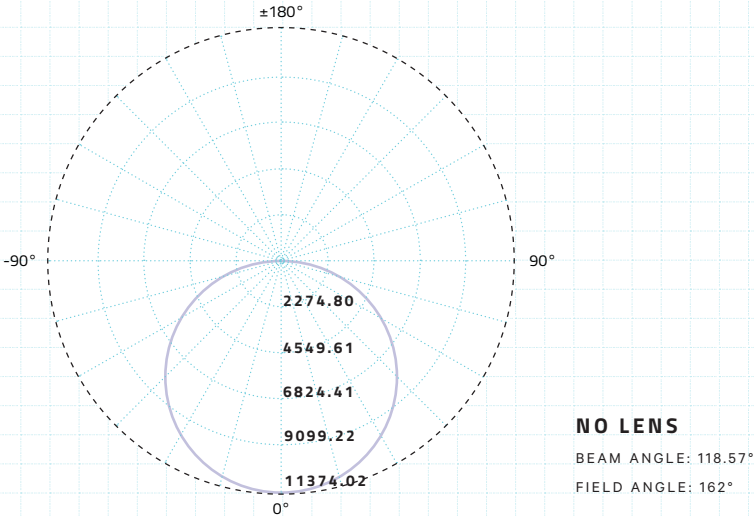
05

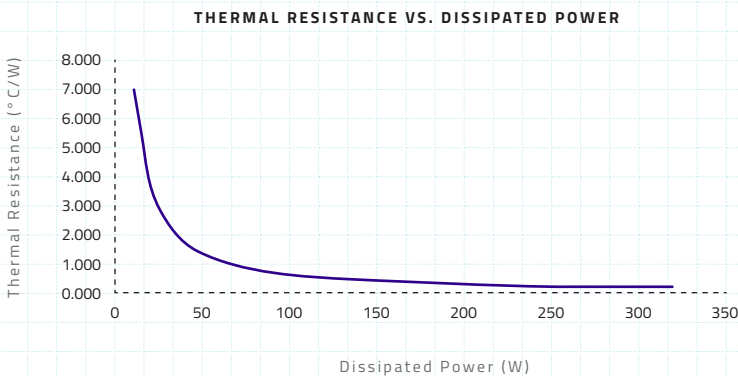
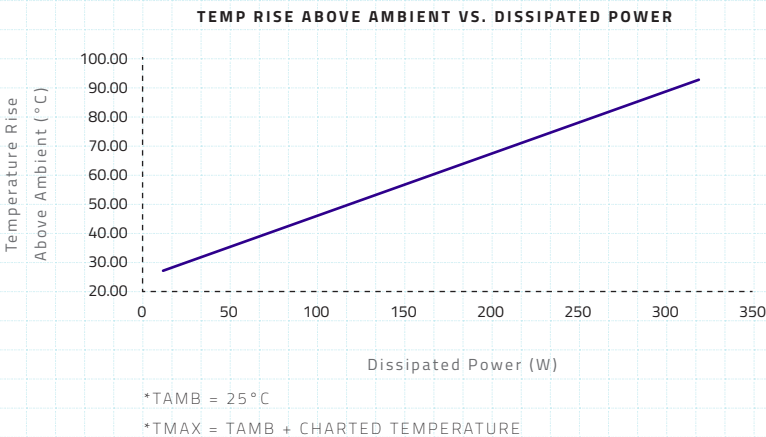
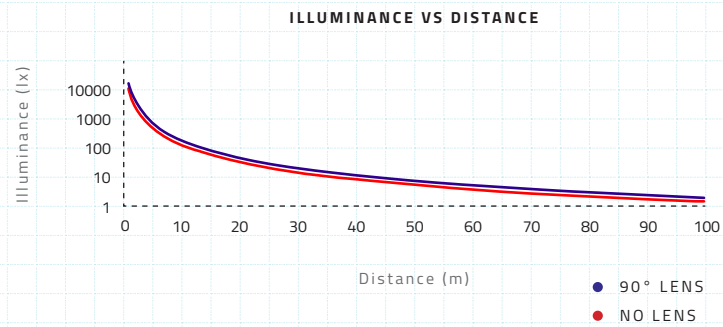
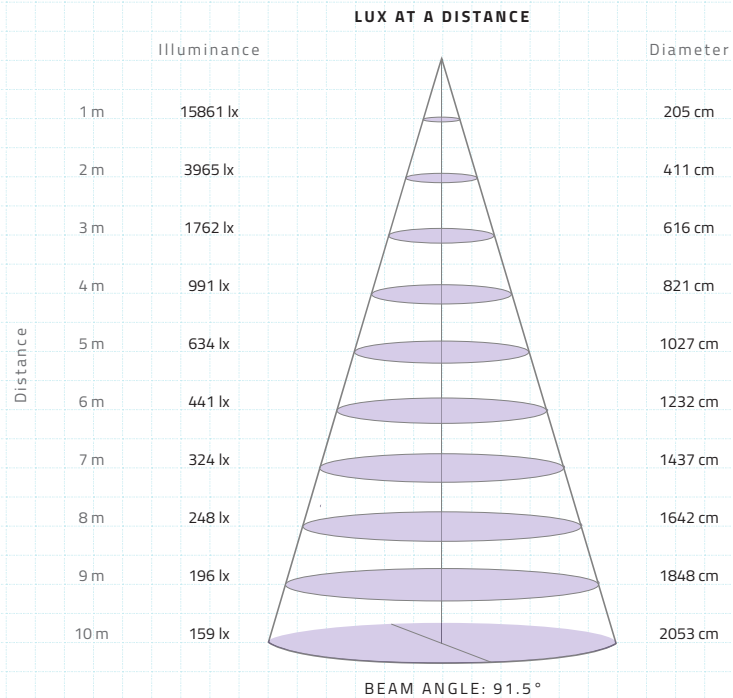
PHOTOMETRIC
PERFORMANCE



POLAR LUMINOUS
INTENSITY DISTRIBUTION

06





USA HEADQUARTERS

48668 Milmont Drive
Fremont, CA 94538 USA
Tel: +1 (510) 490-7931
Tel: +1 (800) 766-6097

CANADA OFFICE

2900 Langstaff Road Unit #19
Vaughan, ON. L4K 4R9, Canada
Tel: +1 (877) 228-3250

©2017 Ursa. All rights reserved. Information pertaining to Ursa products is subject to change without notice. Other trademarks seen in this document are the property of their respective owners.

Visit ursalighting.com for more information.