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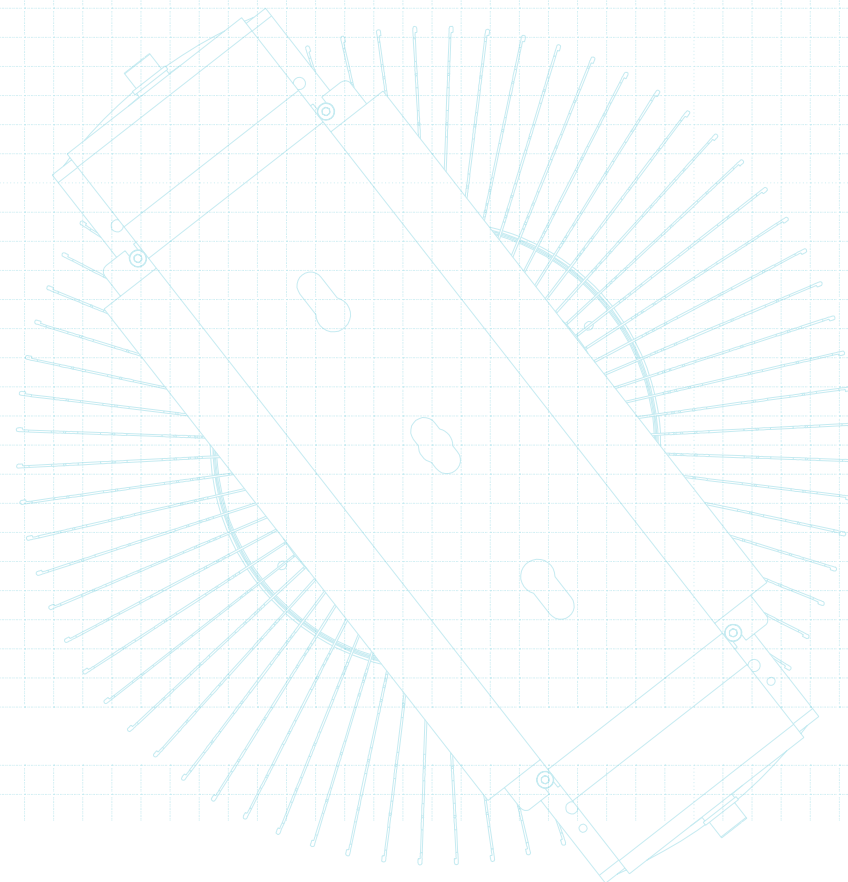
Helios Series

320W
SPECIFICATIONS

01 FEATURES + BENEFITS

PRODUCT SPECIFICATIONS 02

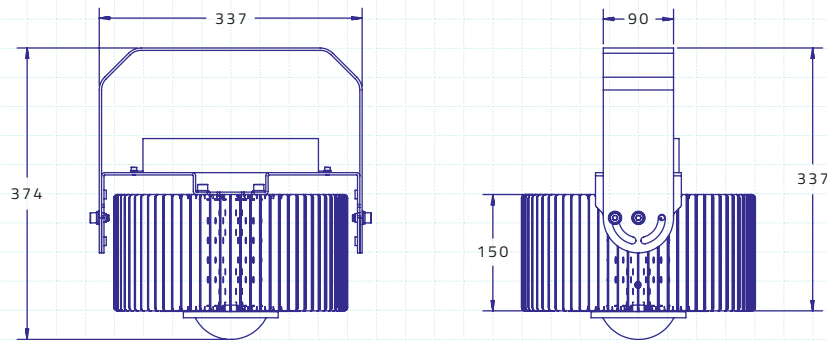
- Cold forged heatsink core with patented Forging Fit Technology capable of passively cooling up to 320W
- Adjustable angle bracket with a 270° allowable swivel, adaptable to various masts and poles
- Compliant with Mean Well 320W PSU
- Equipped with a 90° beam angle lens with a sealed waterproof design
- 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.

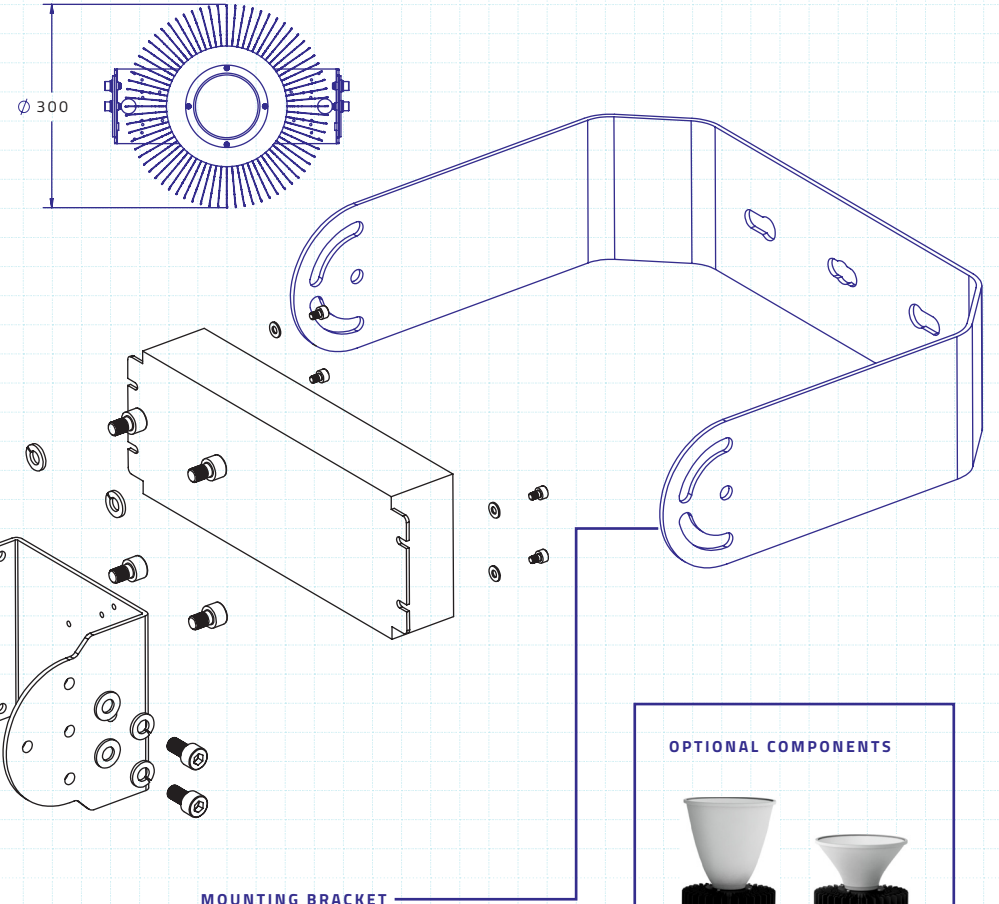
OPTICAL LENS + SEALED DESIGN

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

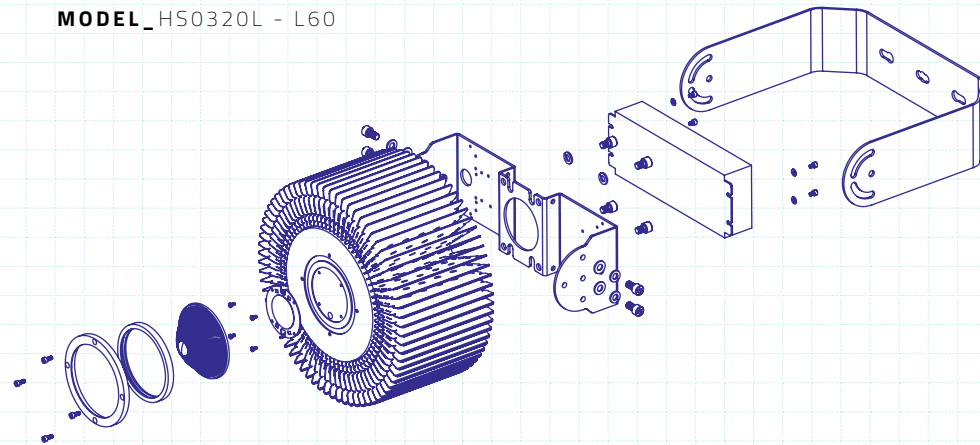


*For additional information regarding optical components, contact URSA sales

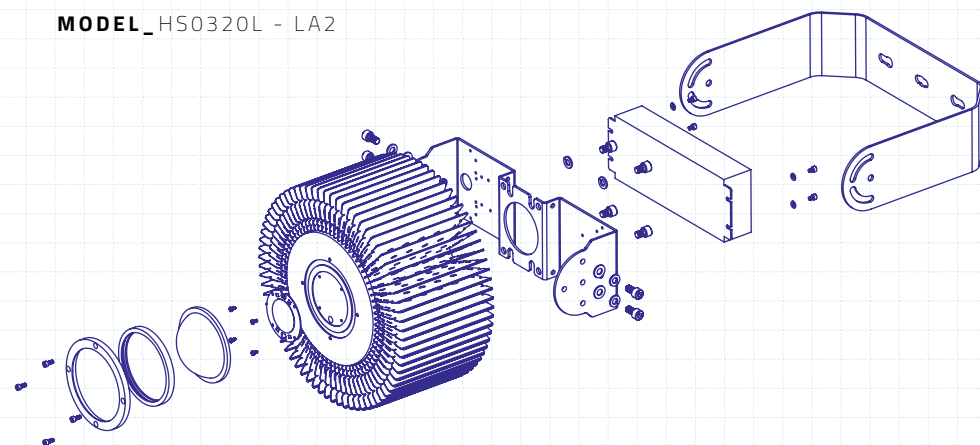
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FIXTURE + BREAKDOWN

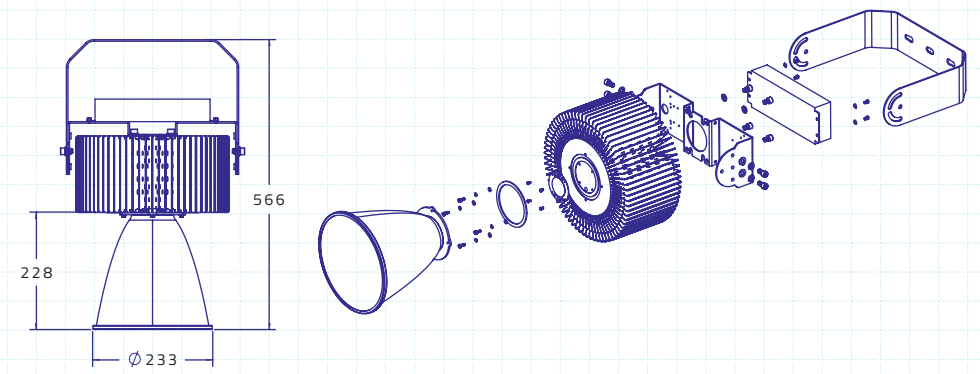
MODEL_HS0320L - L60



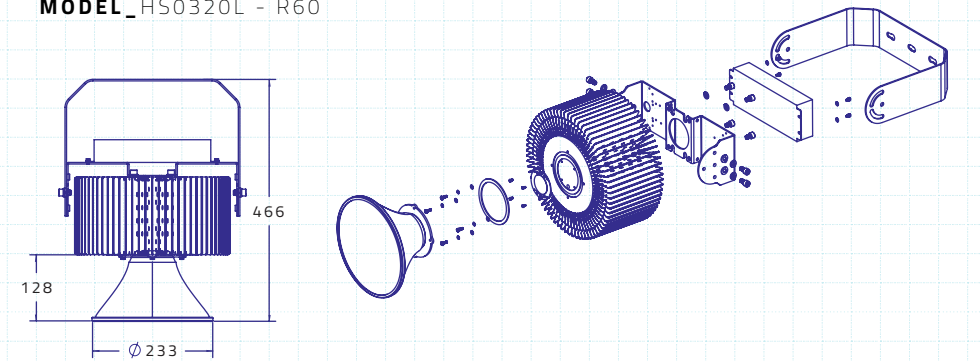
MODEL_HS0320L - LA2



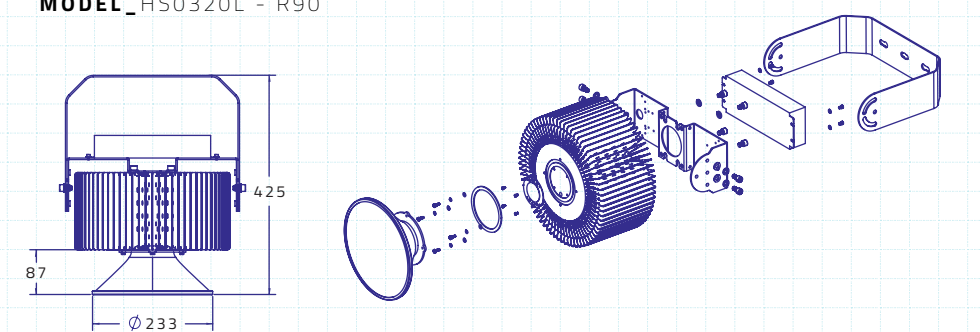
MODEL_HS0320L - R25



MODEL_HS0320L - R60

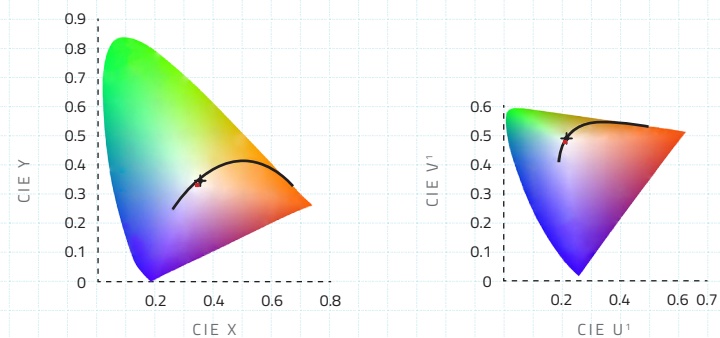
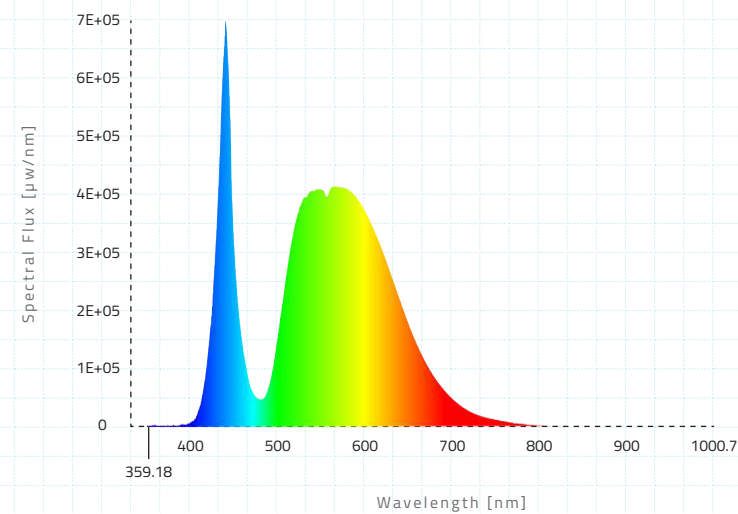


MODEL_HS0320L - R90



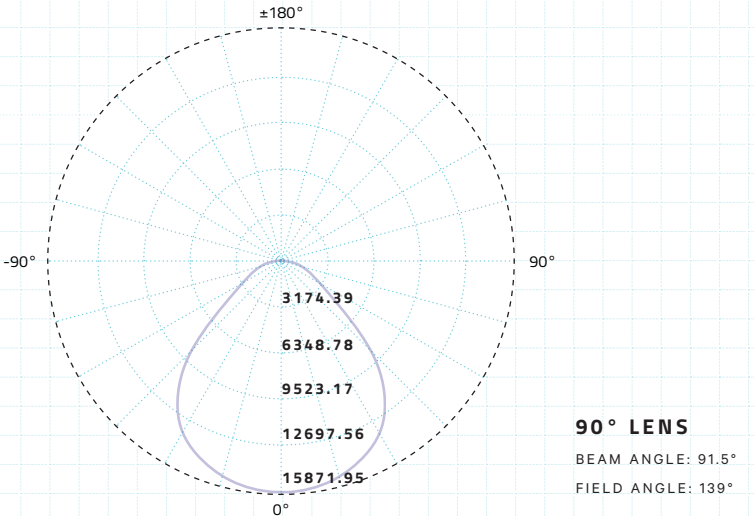
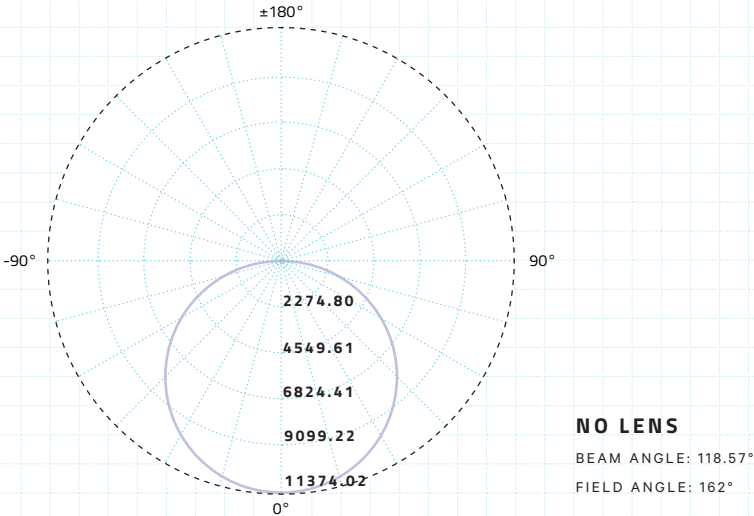
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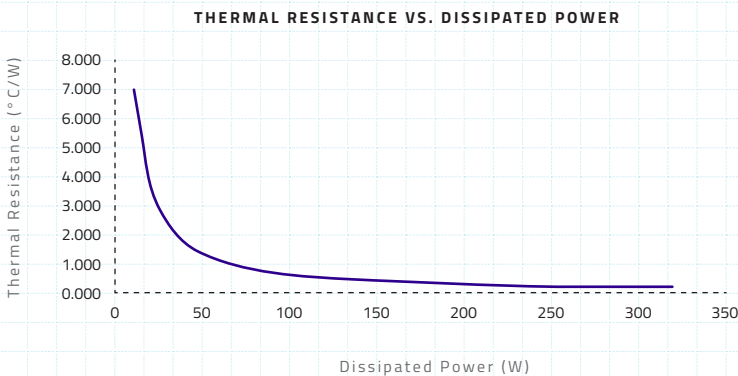
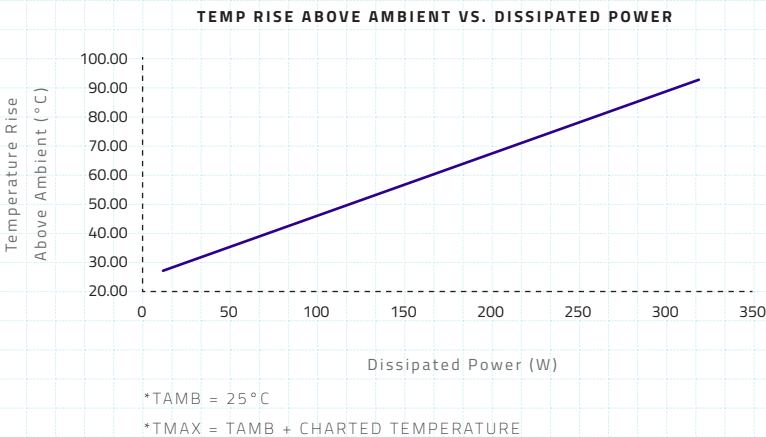
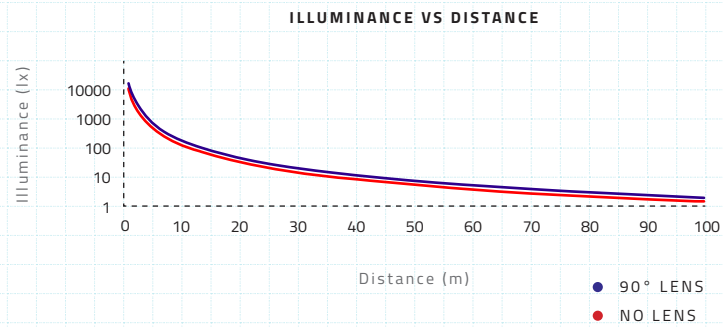
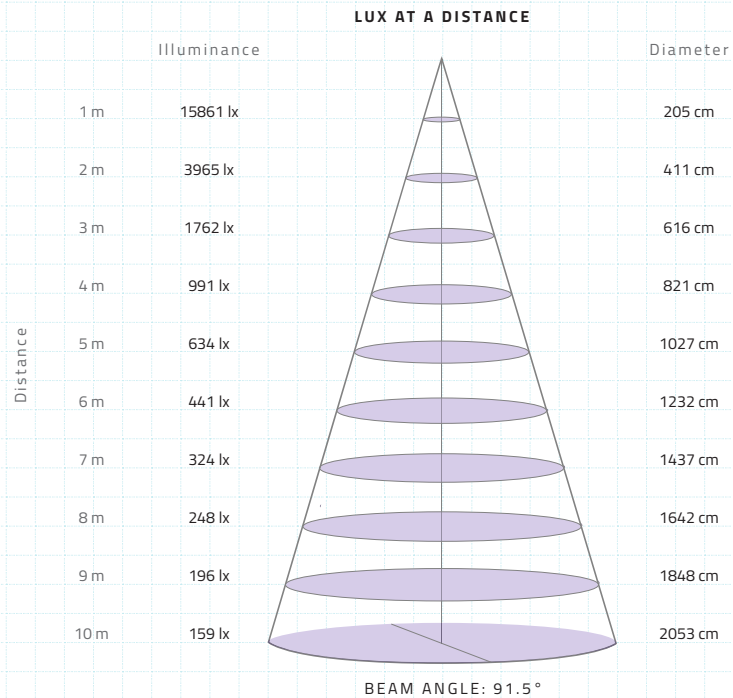
PHOTOMETRIC
PERFORMANCE



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06





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