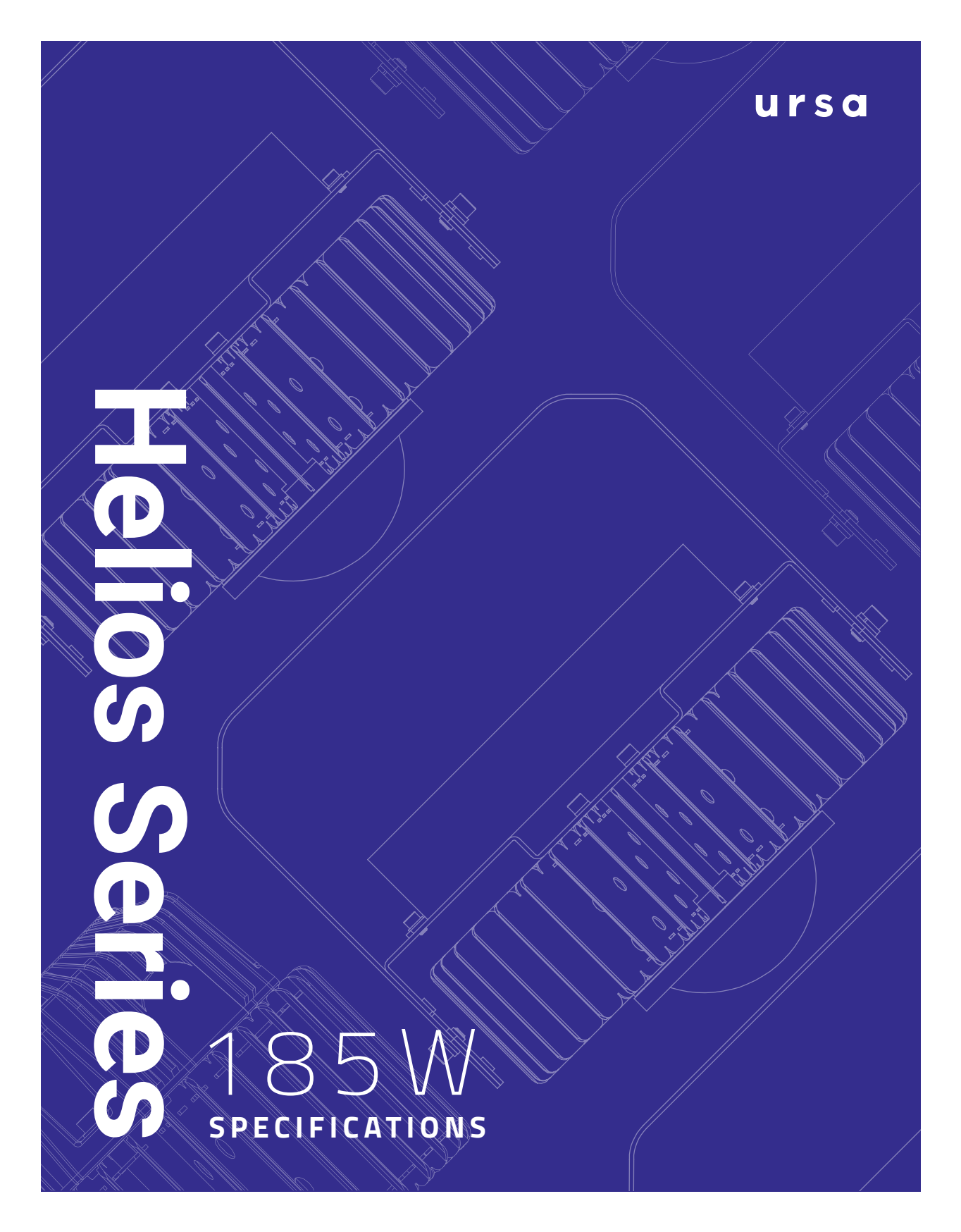


The background of the entire page is a technical line drawing of a Helios Series 185W LED module. The drawing is oriented diagonally, showing the top and side views of the module. It features a rectangular body with a series of parallel fins on the top surface, likely for heat dissipation. Various electrical connectors and mounting points are indicated with precise lines and small circles. The overall style is that of a professional engineering or architectural drawing.

ursa

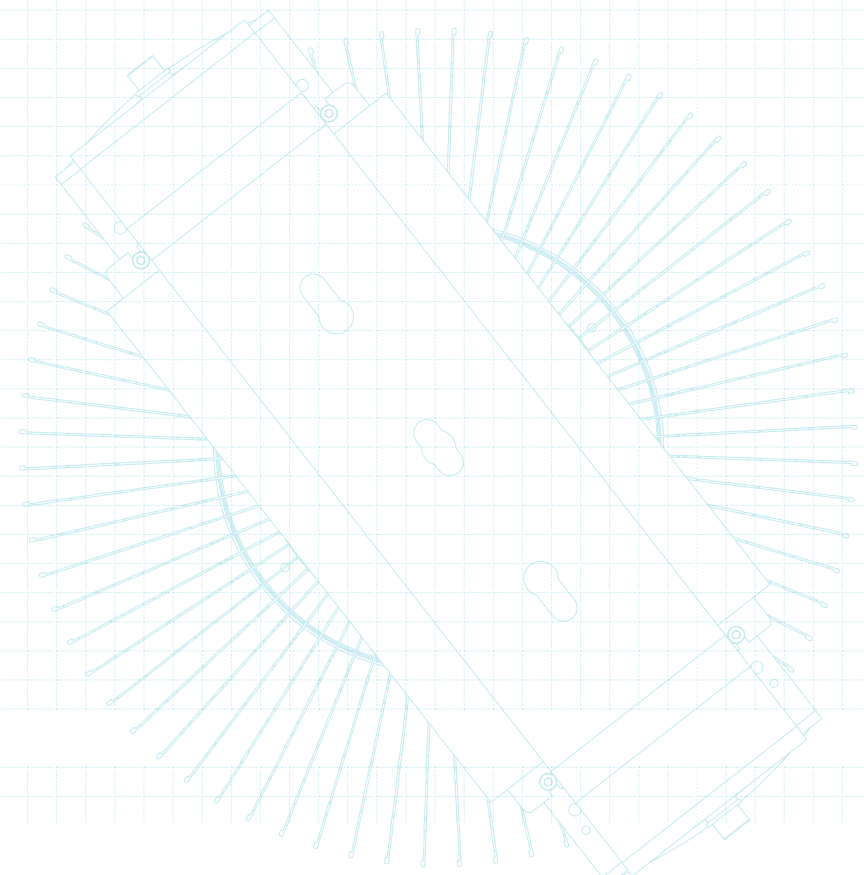
Helios Series

185W
SPECIFICATIONS

01 FEATURES + BENEFITS

PRODUCT SPECIFICATIONS 02

- Cold forged heatsink core with patented Forging Fit Technology capable of passively cooling up to 185W
- Adjustable angle bracket with a 270° allowable swivel, adaptable to various masts and poles
- Compliant with Mean Well 185W 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 200W COB
- Durable surface finish to protect against corrosion and harsh weather conditions



H

PRODUCT FAMILY
H : Helios

HS0185L - L603280 - THD2

S

FIXTURE TYPE
S : Swivel Bracket
H : Highbay Eyebolt

0185

FIXTURE WATTAGE
0185 : 185W

L

COB TYPE
L : Luna

L60

OPTICS ANGLE
L60 : 60° Lens
L90 : 90° Lens
LA2 : 120° Lens
R25 : 25° Reflector
R60 : 60° Reflector
R90 : 90° Reflector

32

CCT
32 : 3200K
40 : 4000K
50 : 5000K

80

CRI
80 : 80 (Standard)
90 : 90 (Upon Request)
95 : 95 (Upon Request)

T

SAFETY
T : ETL
N : Non

H

PSU
H : HLG
V : HVG

D

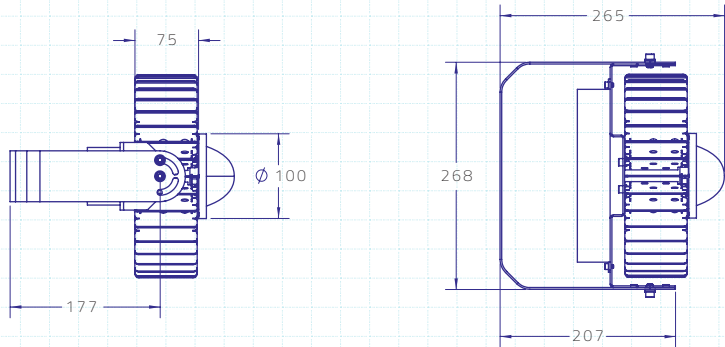
DIMMING
D : Dimming
N : Non-Dimming

2

HEATSINK
2 : 185W
3 : 240W

03

PRODUCT
PARAMETERS



MECHANICAL SPECIFICATIONS

Dimensions (mm)	268 x 240 x 75
Weight	8.23 lbs. (3.2 kg)
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	3.9 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 200W" COB
Luminous Flux	20324 lm @ 182.3W, Cool White
Light Efficacy	111.5 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_HS0185L - L90

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.

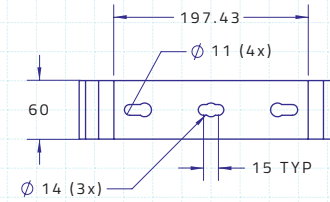
HEATSINK FORGING FIT DESIGN

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.

LUNA 200W COB

The single light source COB from Flip Chip Opto uses their proprietary low temperature bonding technology achieving a low thermal resistance of 0.12 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.

OPTIONAL COMPONENTS



25° Reflector 60° Reflector



120° Lens

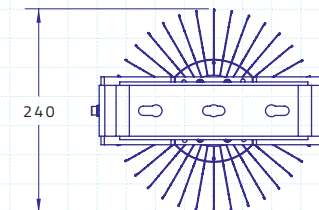


Alternative Hook Mount Highbay Bracket Assembly

*For additional information regarding optical components, contact URSA sales

SURFACE FINISH

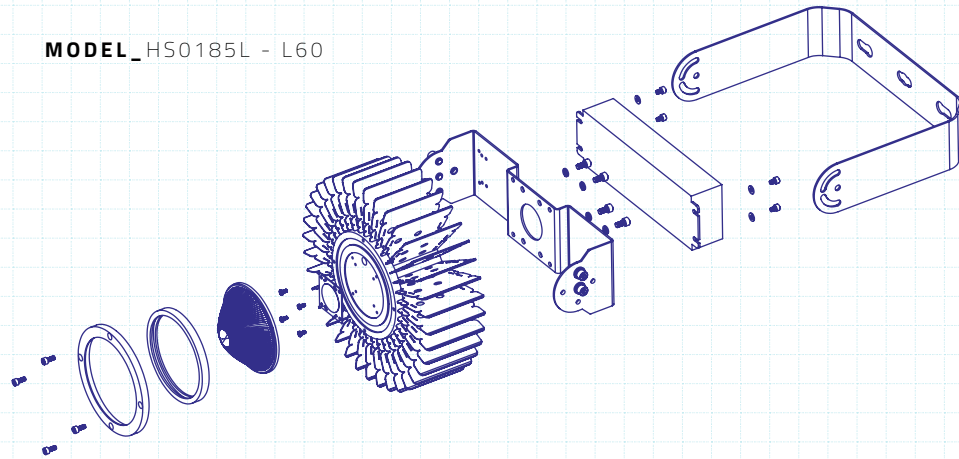
Consisting of an Electrophoretic Deposition (EPD) finish, the film coating provides uniform thickness and strong adhesion to protect against corrosion and mechanical stress.



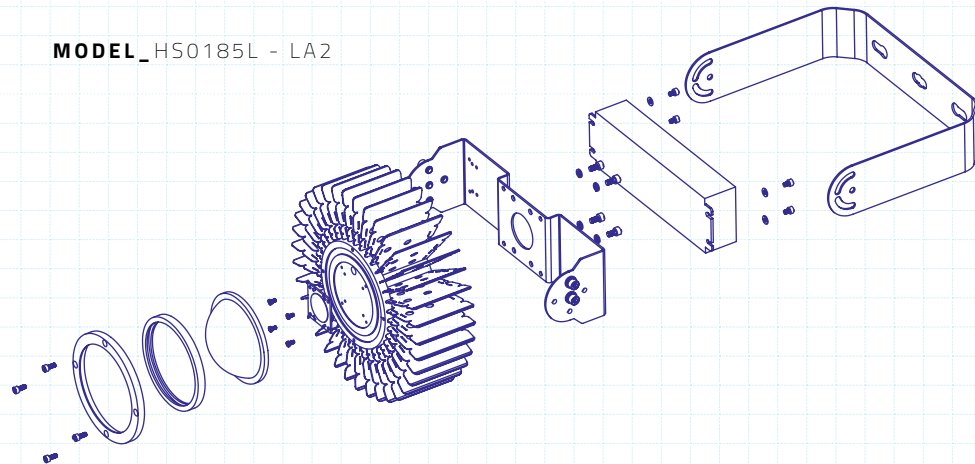
04

FIXTURE + BREAKDOWN

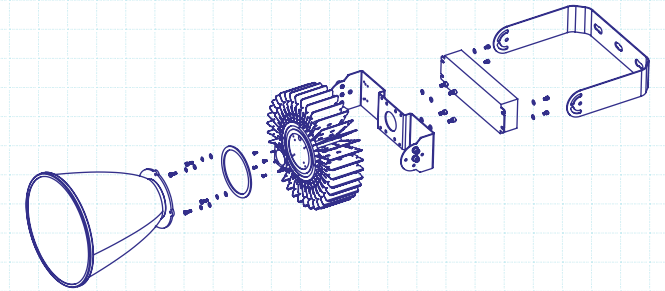
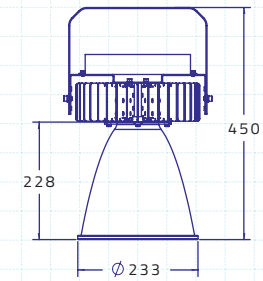
MODEL_HS0185L - L60



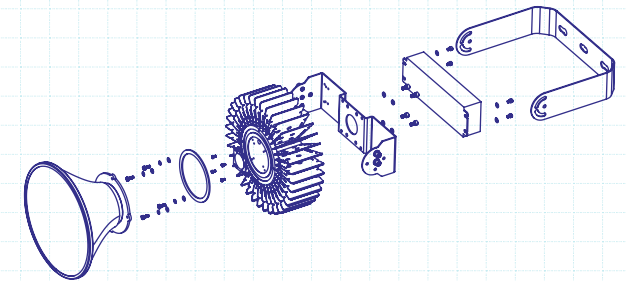
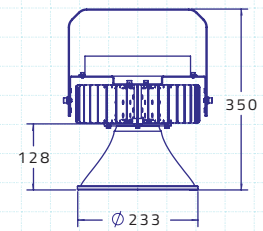
MODEL_HS0185L - LA2



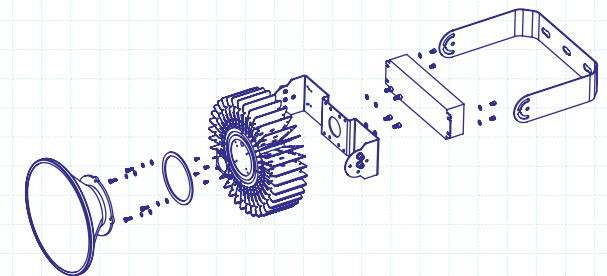
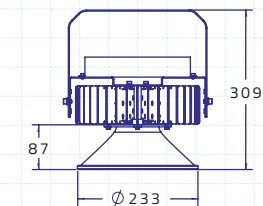
MODEL_HS0185L - R25



MODEL_HS0185L - R60



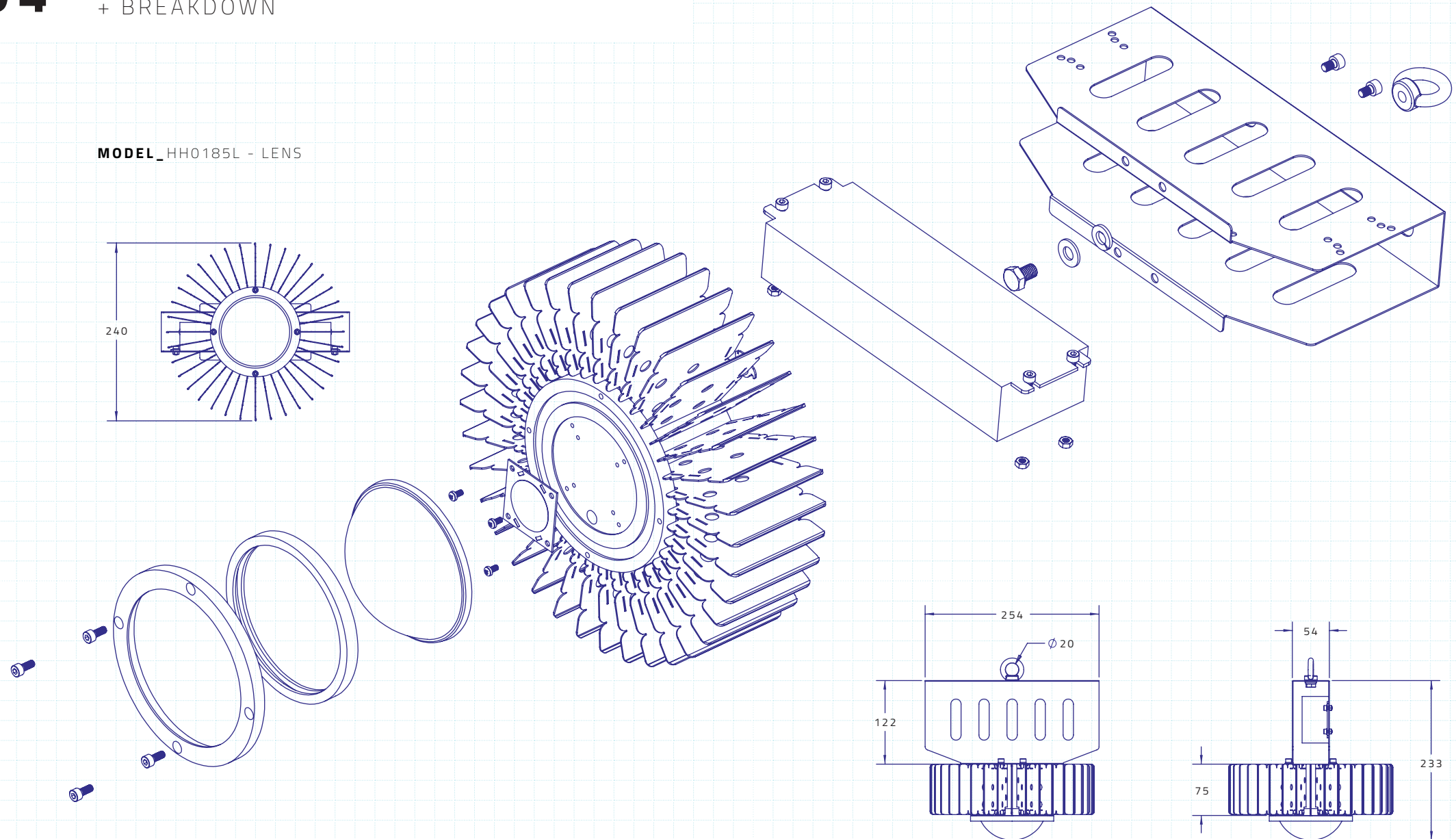
MODEL_HS0185L - R90



04

FIXTURE + BREAKDOWN

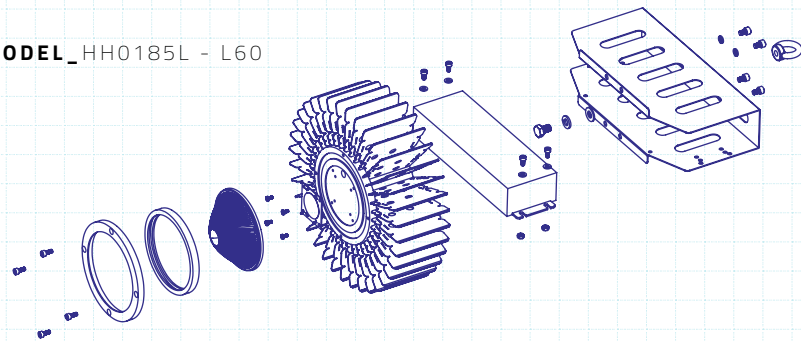
MODEL_HH0185L - LENS



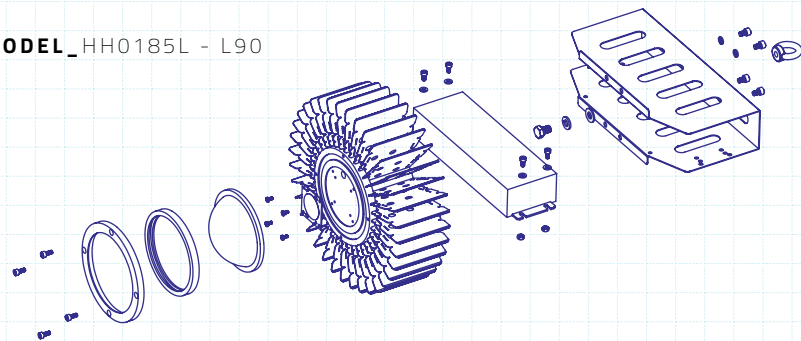
04

FIXTURE + BREAKDOWN

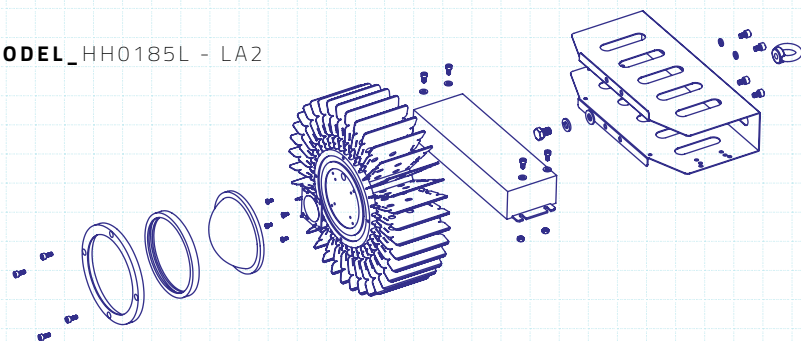
MODEL_HH0185L - L60



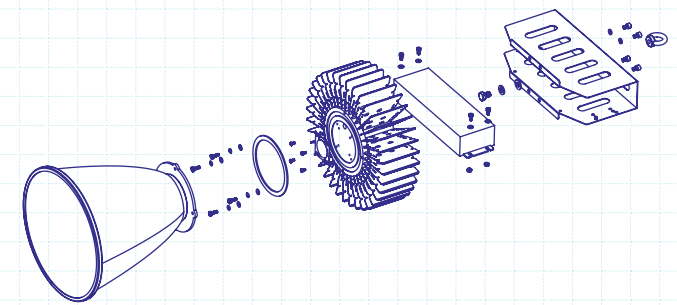
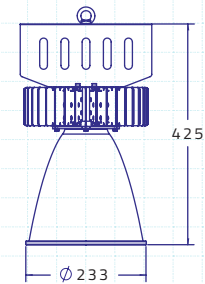
MODEL_HH0185L - L90



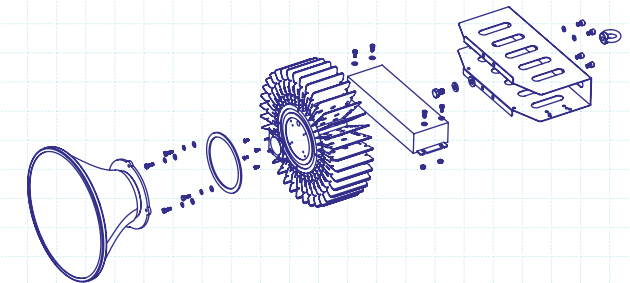
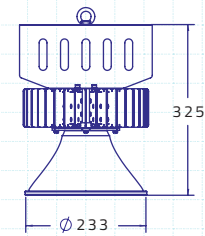
MODEL_HH0185L - LA2



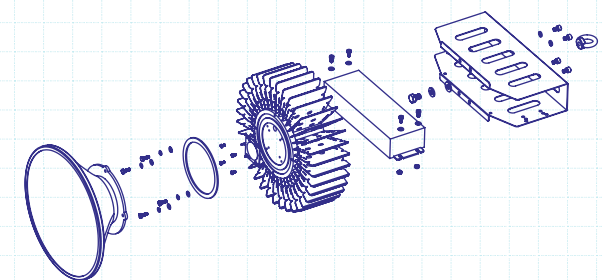
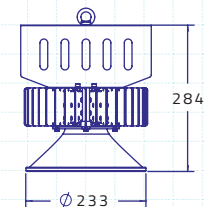
MODEL_HH0185L - R25



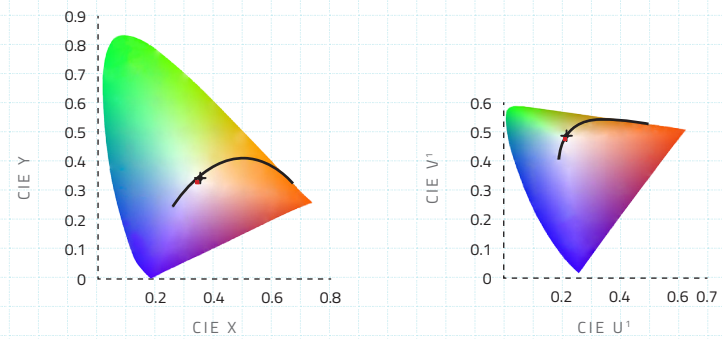
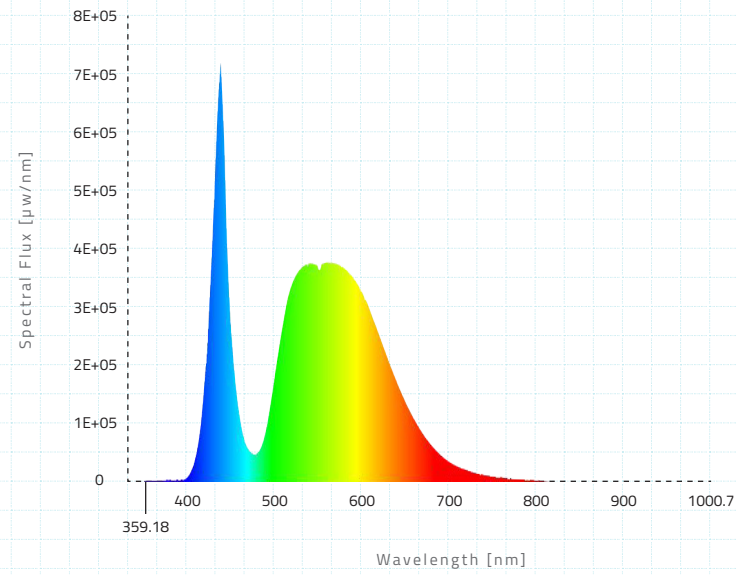
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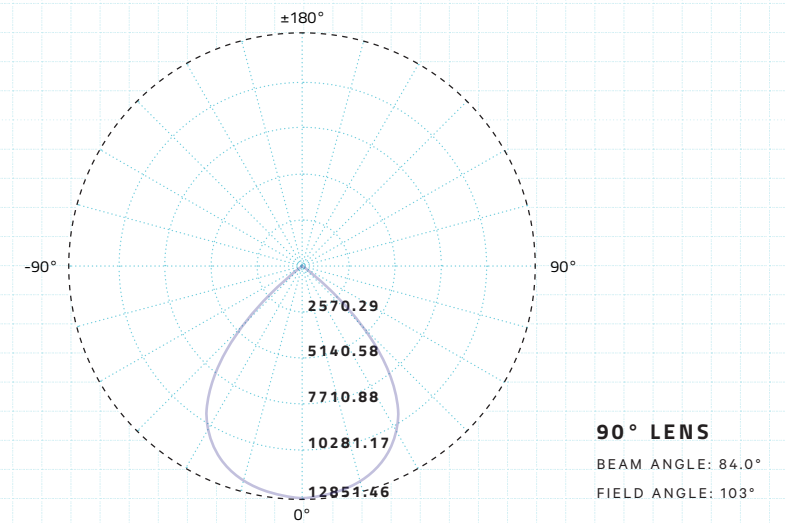
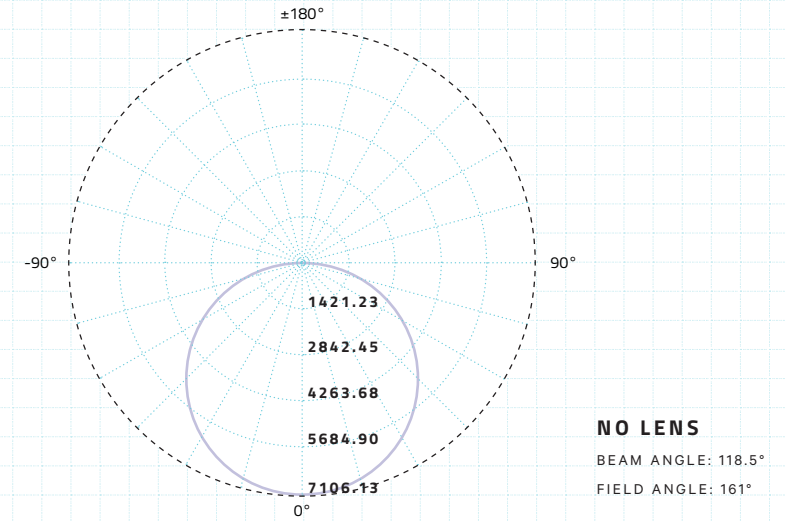
MODEL_HH0185L - R90

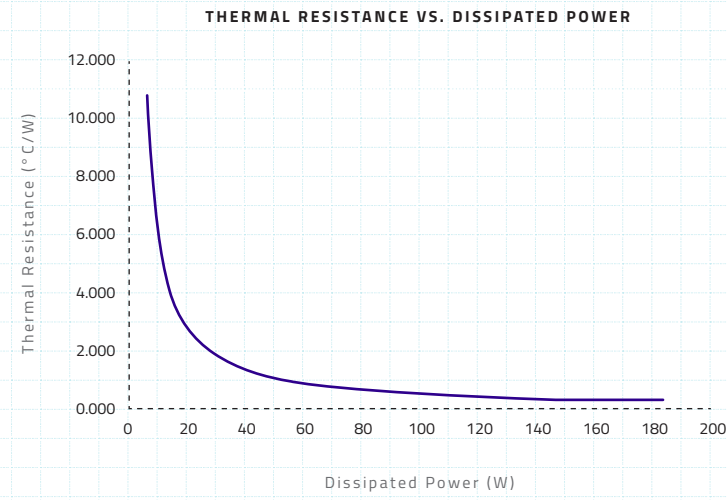
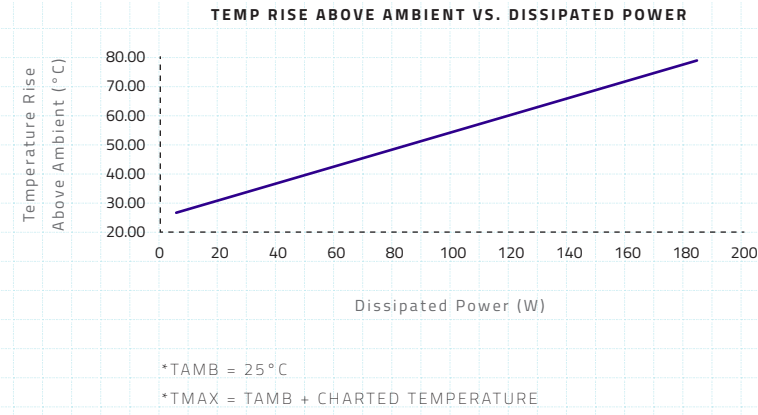
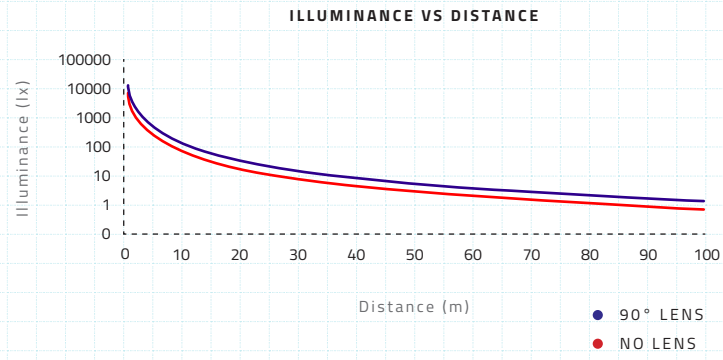
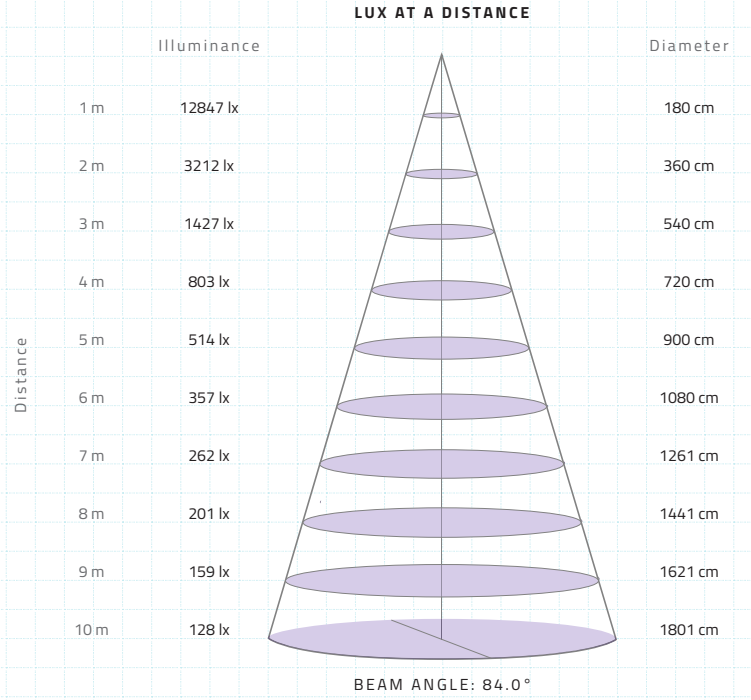


05 PHOTOMETRIC PERFORMANCE



POLAR LUMINOUS INTENSITY DISTRIBUTION 06





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