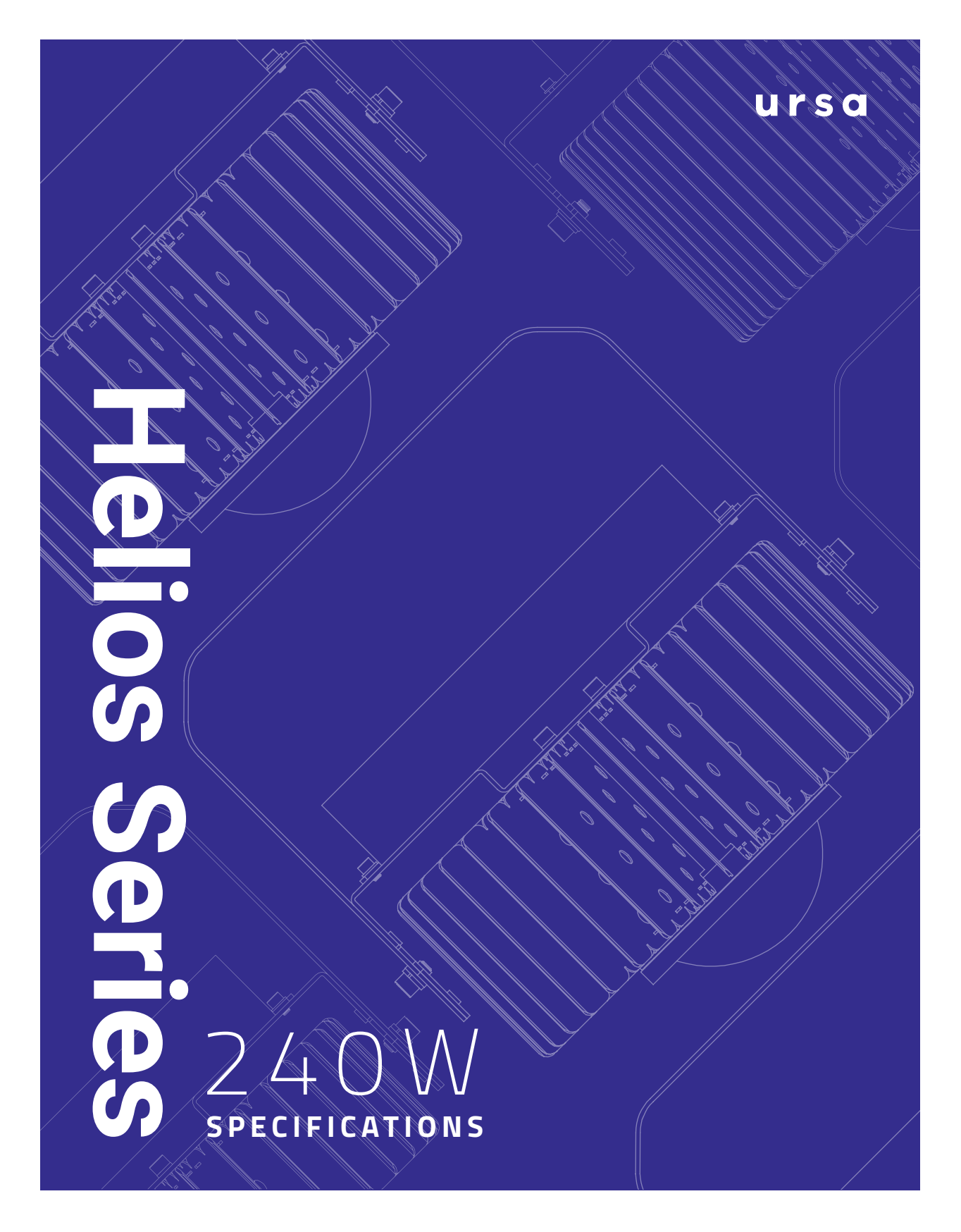




ursa

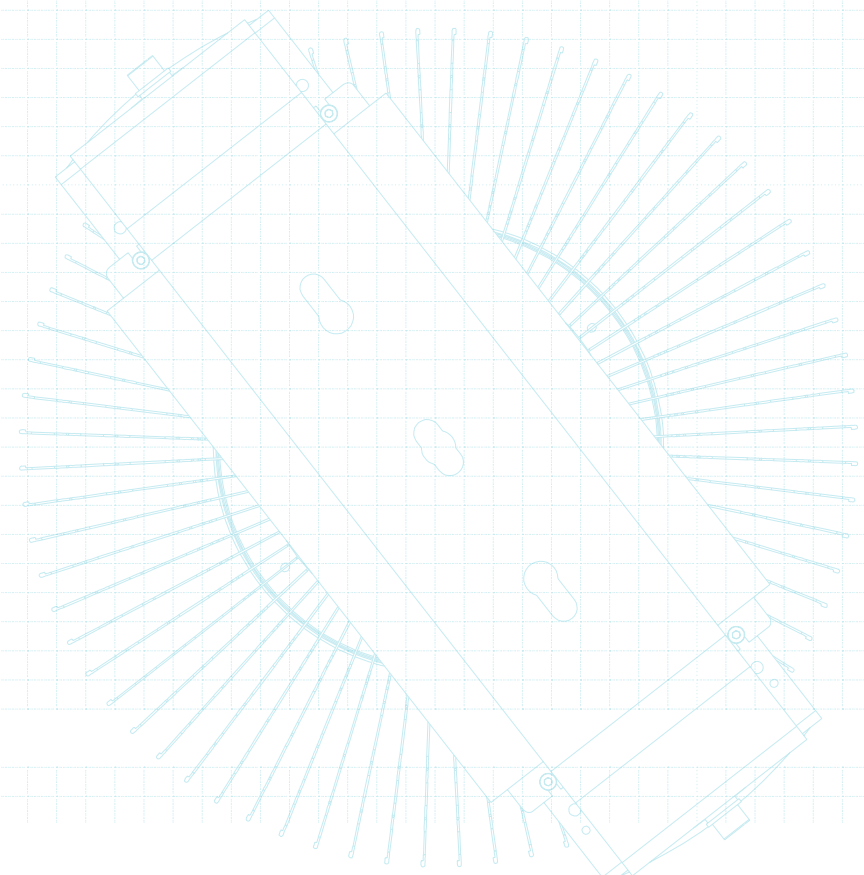
Helios Series

240W
SPECIFICATIONS

01 FEATURES + BENEFITS

PRODUCT SPECIFICATIONS 02

- Cold forged heatsink core with patented Forging Fit Technology capable of passively cooling up to 240W
- Adjustable angle bracket with a 270° allowable swivel, adaptable to various masts and poles
- Compliant with Mean Well 240W 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



H

PRODUCT FAMILY
H : Helios

HS0240L - L603280 - THD3

S

FIXTURE TYPE
S : Swivel Bracket
H : Highbay Eyebolt

0 2 4 0

FIXTURE WATTAGE
0240 : 240W

L

COB TYPE
L : Luna

L 6 0

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

3 2

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

8 0

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

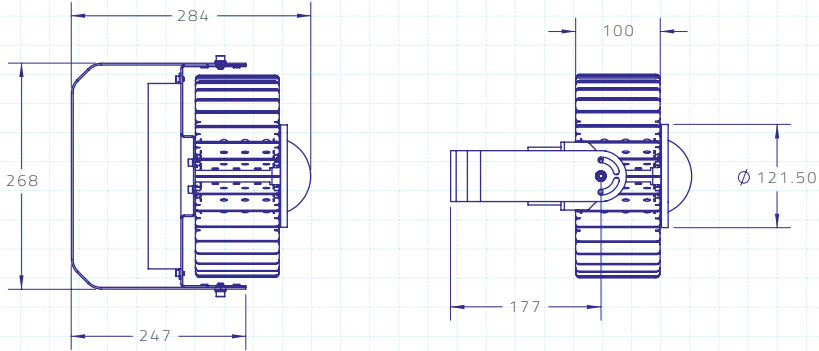
DIMMING
D : Dimming
N : Non-Dimming

3

HEATSINK
3 : 240W
4 : 320W V1

03

PRODUCT
PARAMETERS



MECHANICAL SPECIFICATIONS

Dimensions (mm)	268 x 240 x 284
Weight	9.1 lbs. (4.14 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	5.0 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	27448 lm @ 234.1W, Cool White
Light Efficacy	117.3 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_HS0240L - 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.

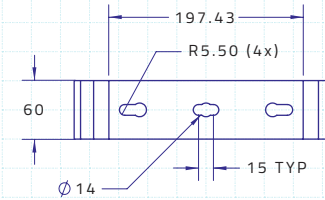
HEATSINK FORGING FIT DESIGN

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 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.

OPTIONAL COMPONENTS



25° Reflector 60° Reflector



120° Lens



Alternative Hook Mount Highbay Bracket Assembly

*For additional information regarding optical components, contact URSA sales

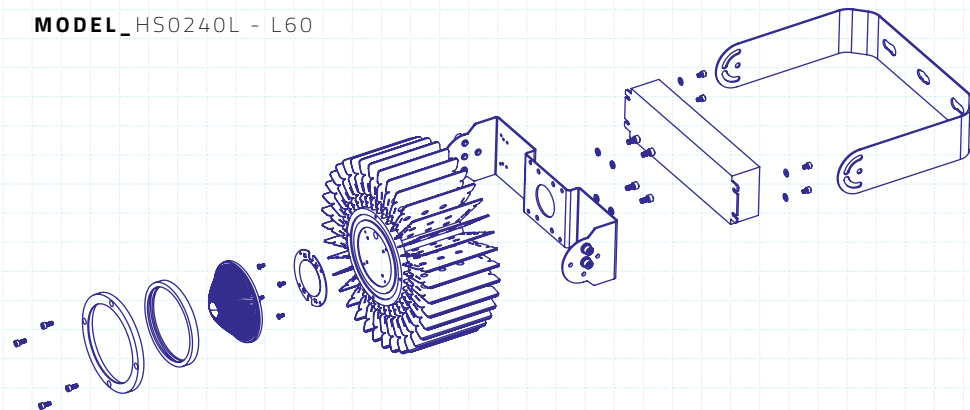
SURFACE FINISH

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

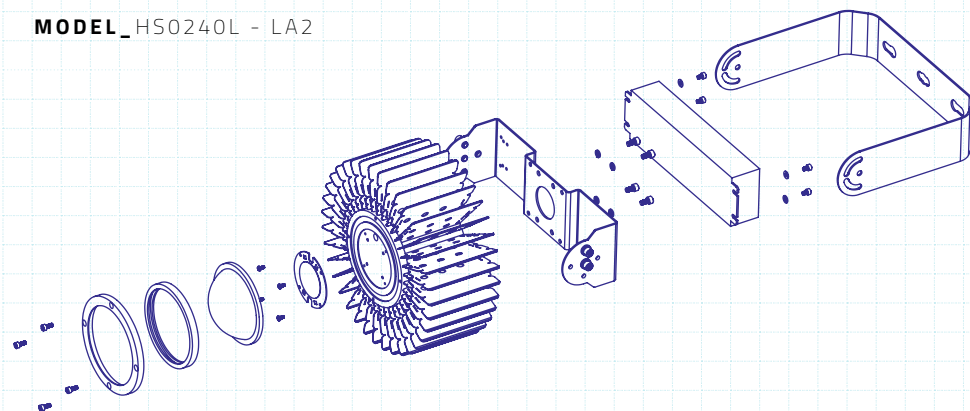
04

FIXTURE + BREAKDOWN

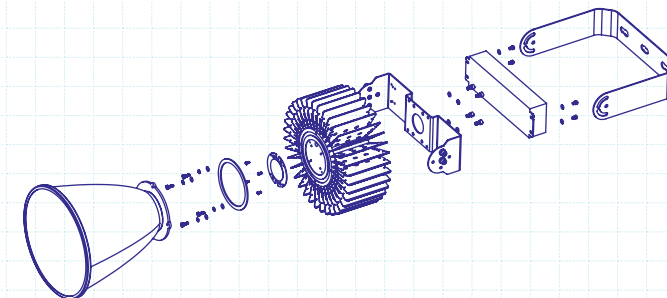
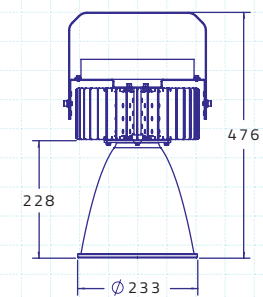
MODEL_HS0240L - L60



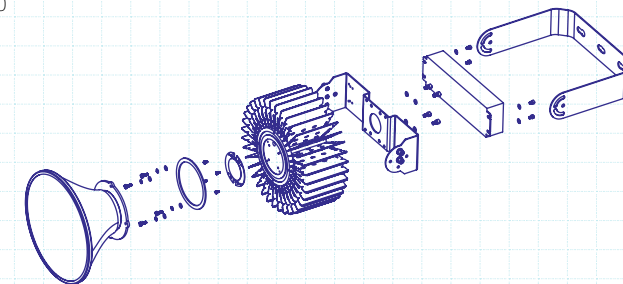
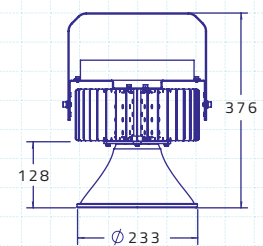
MODEL_HS0240L - LA2



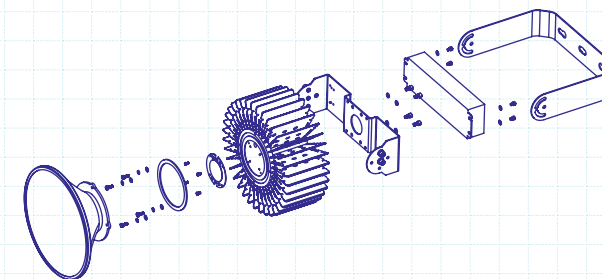
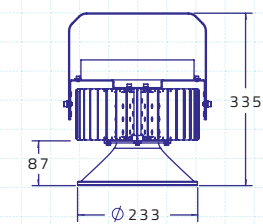
MODEL_HS0240L - R25



MODEL_HS0240L - R60



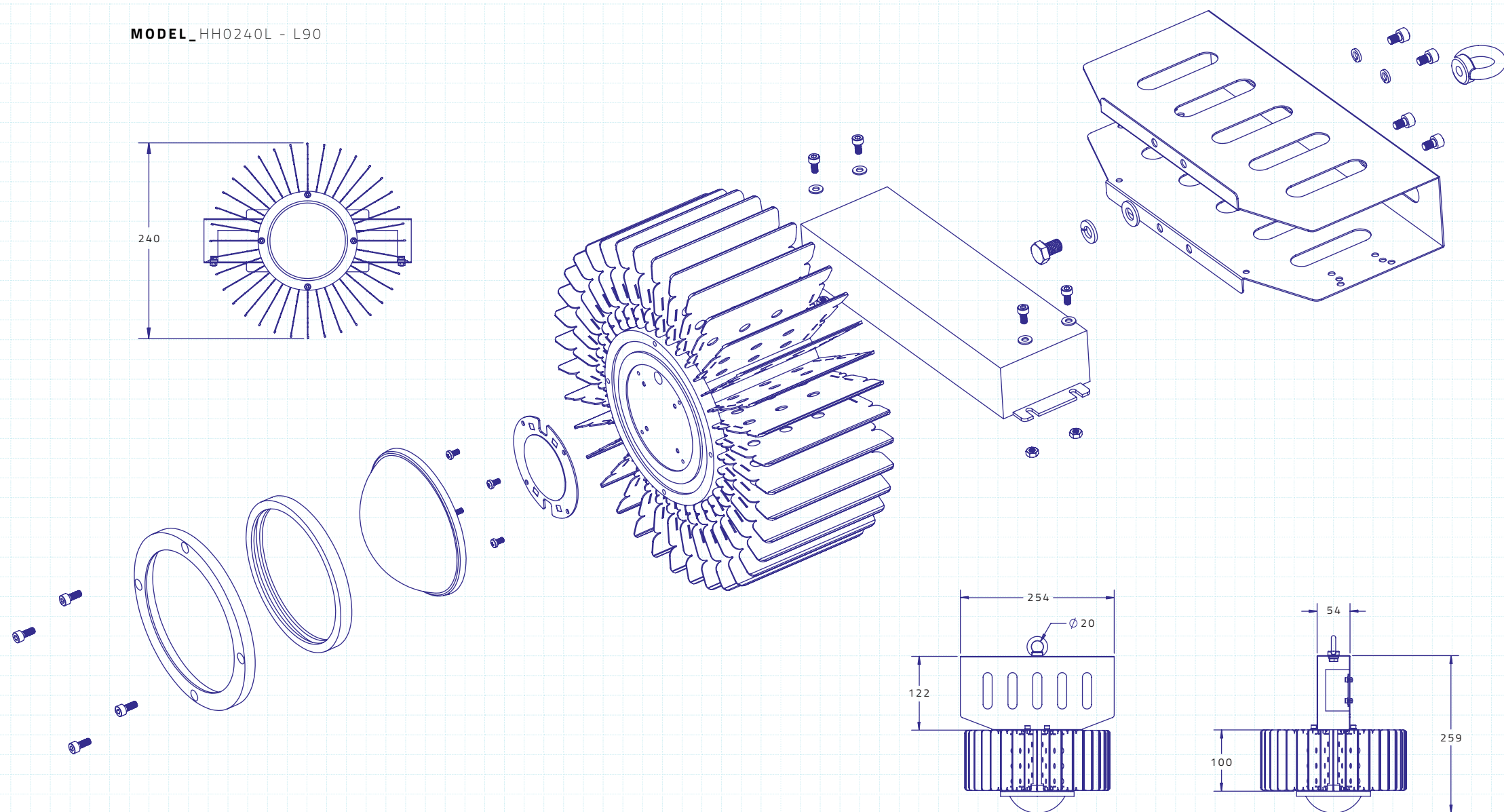
MODEL_HS0240L - R90



04

FIXTURE + BREAKDOWN

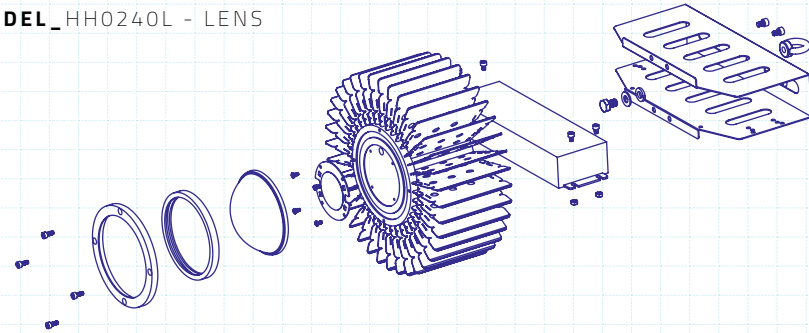
MODEL_HH0240L - L90



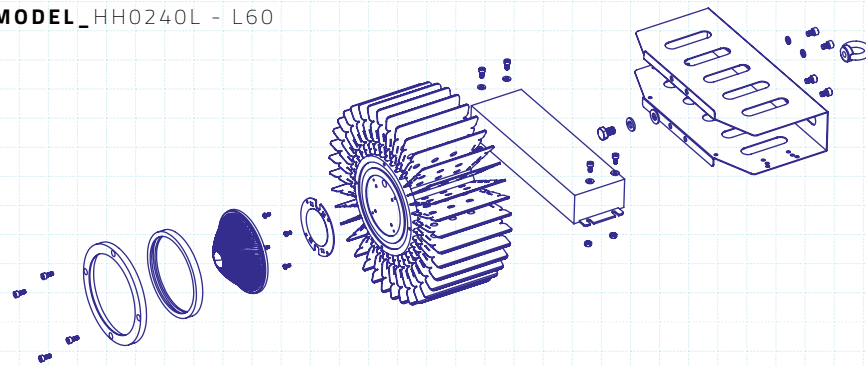
04

FIXTURE + BREAKDOWN

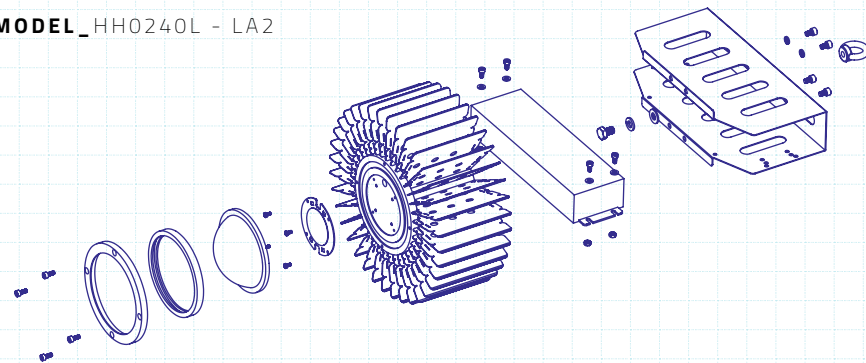
MODEL_HH0240L - LENS



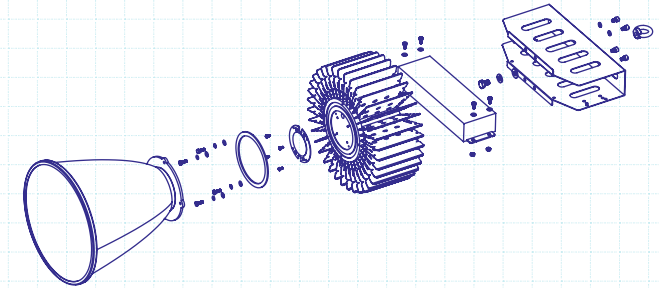
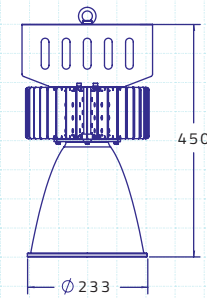
MODEL_HH0240L - L60



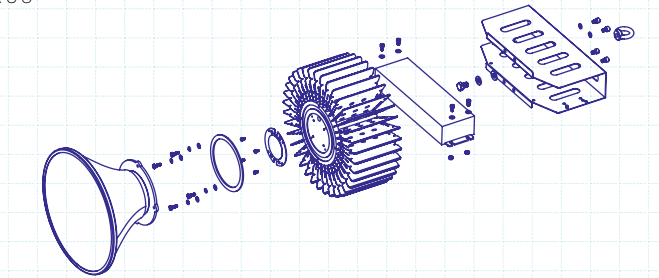
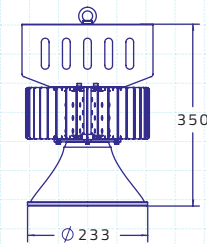
MODEL_HH0240L - LA2



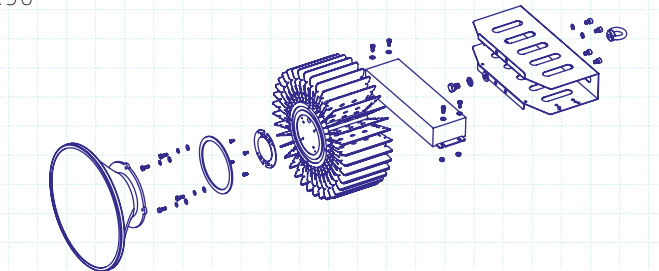
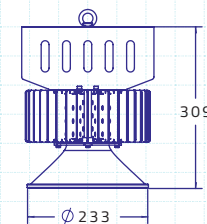
MODEL_HH0240L - R25



MODEL_HH0240L - R60

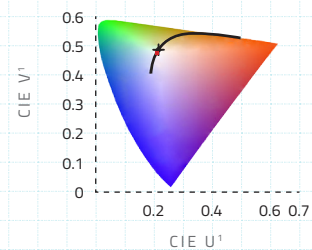
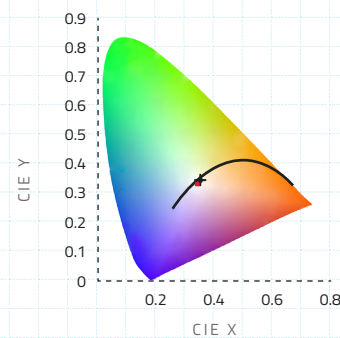
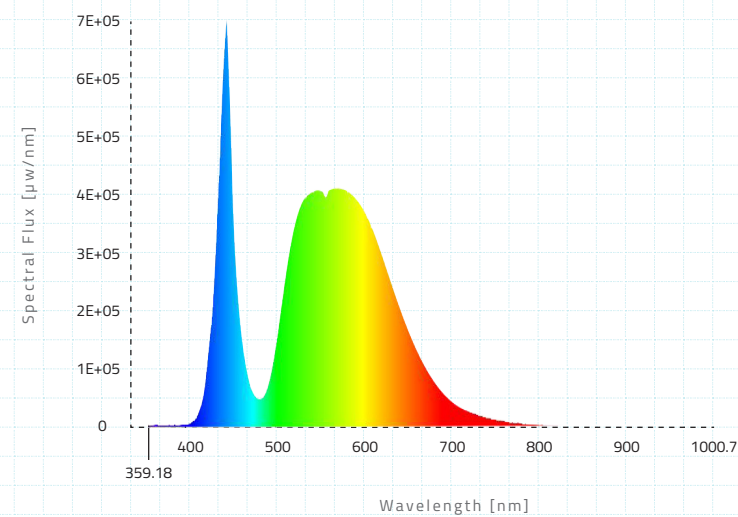


MODEL_HH0240L - R90



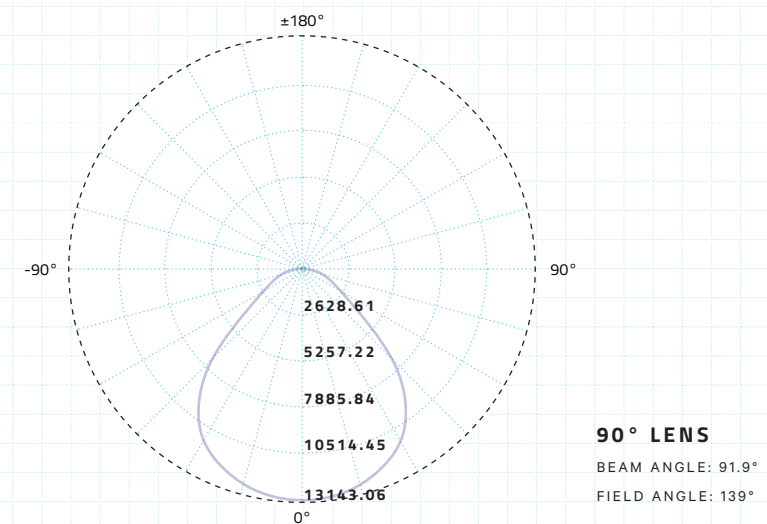
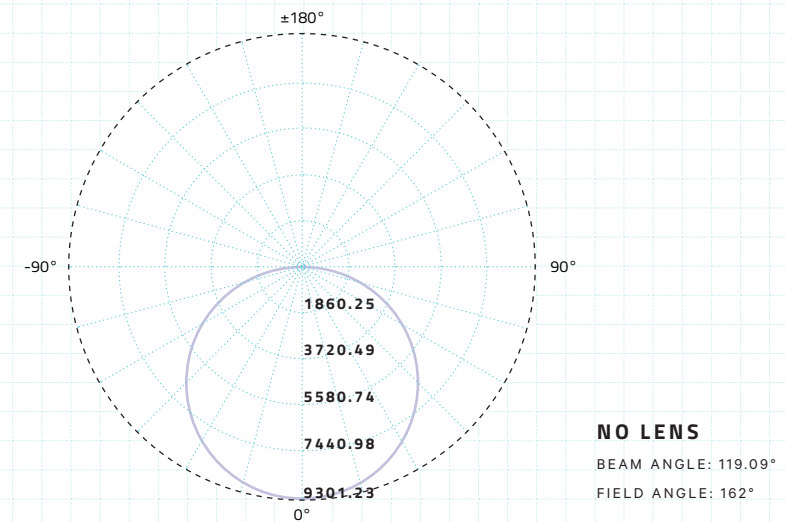
05

PHOTOMETRIC
PERFORMANCE



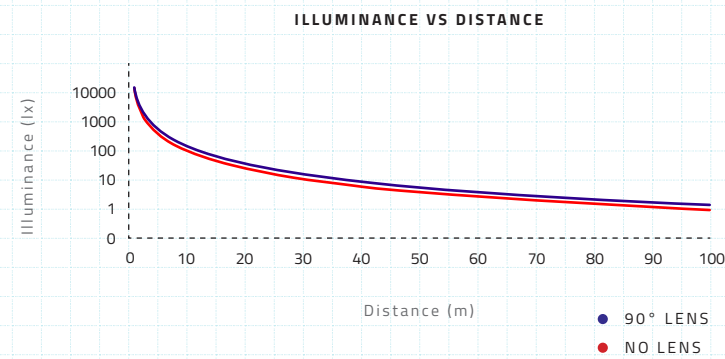
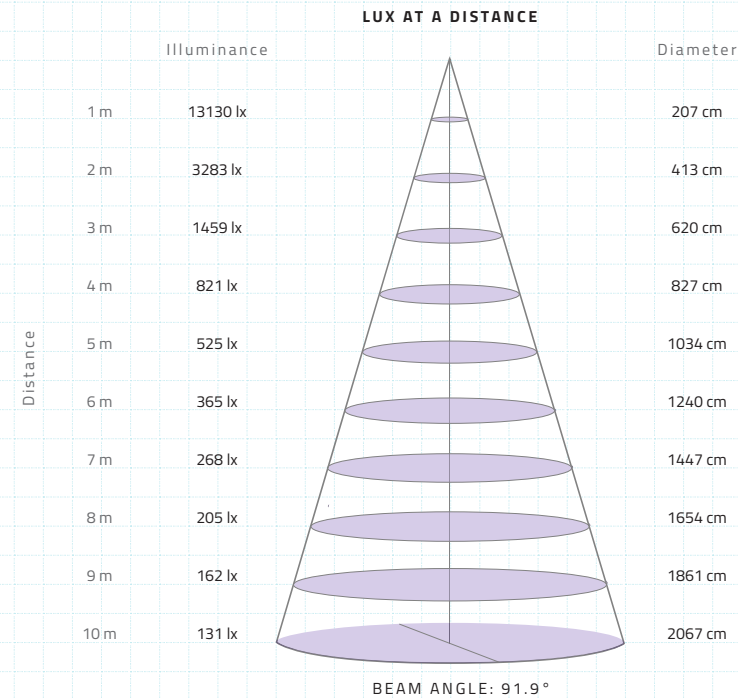
POLAR LUMINOUS
INTENSITY DISTRIBUTION

06



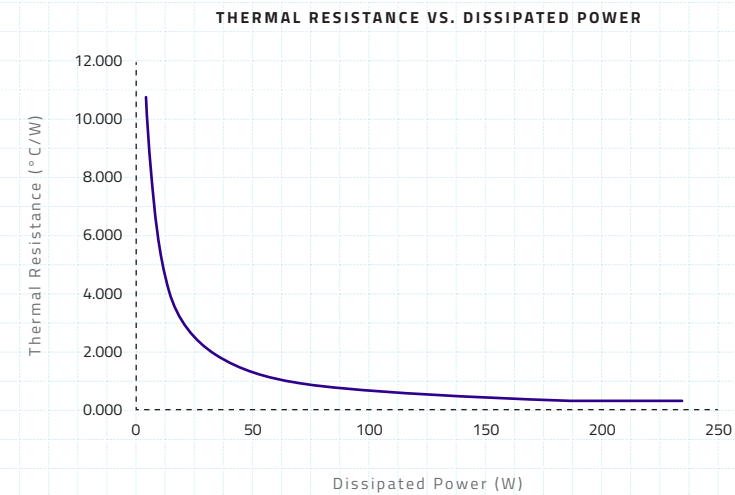
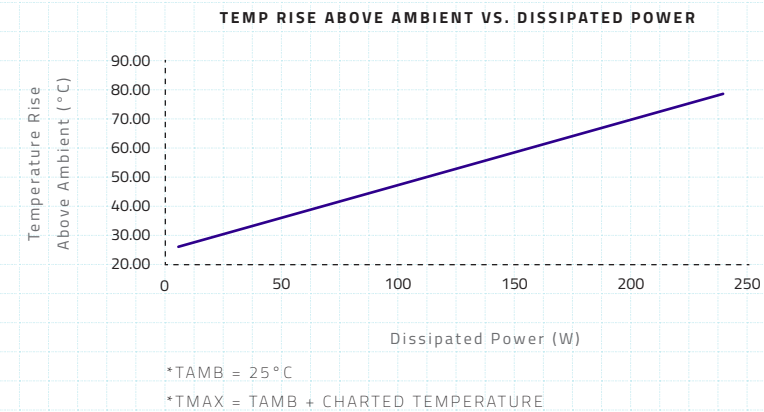
07

ILLUMINANCE
CONE DIAGRAM



THERMAL
PERFORMANCE

08



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

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