

EHBD eBEAM LED HIGH BAY

LED A DIVISION OF
ecopower



FEATURES

- Waterproof, Compact Size, No Lampshade Required
- Fewer Components, Labour Saving Maintenance
- Anti-Corrosion Heat Sink
- Efficient Heat Dissipation
- 1-10v Dimmable Standard

OPTIONS

- Inline UL listed IP65 Disconnect
- Mounting, High Voltage and Colour Options
- Anti-corrosion Coating Suitable for Natatorium and Corrosive Environments
- Lens Type, Beam Angles, Reflector, Microwave Sensor

Exceptional efficacy and aesthetics combined with dimming and wireless capabilities make this one of our best selling LED highbays. 130-140 L/W with virtually no light loss in the first 50,000hrs makes this an excellent replacement for 250-1000w metal halides. 300w 42,000L replaces 1000w metal halides. Standard 1-10v dimmable, down to 10% output. With a variety of beam angle and reflector options, the EHBD makes an ideal, low-cost sports field lighting solution.

EFFICACY	WATTAGES	VOLTAGES	KELVIN
130-140 L/w	100w/150w/200w/240w 300w/400w/500w	100-277vAC / 200-480vAC	3000K / 4000K / 5000K

TECHNICAL SPECIFICATIONS	
Housing	Die-cast Aluminum
Finish	Black Standard; white, silver options (MOQ's may apply) *See notes in product code generator regarding cord
Ring Finish	Black
Mounting	100-300w: Hook standard // 400-500w: Ceiling mount standard; Loop/Ring, KNSF, Yoke and Ceiling mount options
Lens Type	Clear tempered glass cover; no lampshade
Applications	Manufacturing, warehousing, distribution, logistics, lobbies, airports and sports facilities. Can be mounted in any direction, ideal for uplighting in sports arenas, natatoriums (pools), inflatable sports domes, churches, large auditorium

ELECTRICAL SPECIFICATIONS	
LED Type	Seoul
Available Wattages	100w, 150w, 200w, 240w, 300w, 400w & 500w
Power Factor	>0.93
Surge Protection	4KV
Ambient temperature	100-300w: -30° – +50°C -22° – +122°F 400/500w: -30° – +40°C -22° – +104°F
Available Voltages	100-277vAC, 200-480vAC, Comes standard with a 75" cord attached

OPTICAL & PERFORMANCE SPECIFICATIONS	
IP Rating	IP65
Lumen Output	100-277V: 100w: 14,000L 150w: 21,000L 200w: 28,000L 240w: 31,200L 300w: 39,000L 400w: 52,000L 500w: 65,000L 200-480V: 100w: 14,000L 150w: 21,000L 200w: 28,000L 240w: 33,600L 300w: 42,000L 400w: 56,000L 500w: 70,000L
UGR	<25 (with lens)
CRI	>80Ra
THD	<15%
Beam Angles	120° standard with no reflector options available
Sensor Mount Height	≤ 14m ≤ 45.9'
Dimming	1-10vDC dimming standard, down to 10% output
L70	>100,000 hours @ 25°C
NEMA	4x
Certifications	Approved to CSA and UL standards (UL, or equivalent, marked only when specified), CE & ROHS, DLC listed. Not all product variations listed are DLC qualified. Visit www.designlights.org/search to confirm qualification.



CONTROLS



SEISMIC PACKAGE AVAILABLE

Seismic package available for select Ecopower light fixtures. For further info and pricing, please contact sales@ecopowerinc.com.



A North American
Fabricator

info@ecopowerinc.com | led.ecopowerinc.com | 1.800.564.8086

AVAILABLE MODELS Quantities subject to change. Please contact sales@ecopowerinc.com to verify inventory before ordering.

EHBD100WCWV4-B01	11	EHBD200WNWV4-CLNG-SL	17
EHBD100WCWV4L2	9	EHBD200WNWV4-CRD(10)-L2	15
EHBD100WCWV4-WH	5	EHBD200WNWV5	25
EHBD100WCWV5	423	EHBD200WWWV4	5
EHBD100WNWV4	16	EHBD240WCWV4	159
EHBD100WNWV4-B12	50	EHBD240WCWV4-CRD(10)-TWPLG	36
EHBD100WNWV4-CRD(2METER)-DIM(2METER)	75	EHBD300WCWV4	239
EHBD100WNWV4-CRD15FT-B002-B05	10	EHBD300WCWV4-CLNG	2
EHBD100WNWV5	15	EHBD300WCWV5-L2	2
EHBD120WNWV4	1	EHBD300WNWV4	16
EHBD150WCWV4-CRD6FT-B12	1	EHBD300WNWV4-CRD12	22
EHBD150WCWV4-WH	2	EHBD300WNWV4-L2G-CORD6FT-HOOK	12
EHBD150WCWV5	136	EHBD300WNWV5	3
EHBD150WNWV4-L1-CRD(12)-B05	25	EHBD300WNWV5-CRD6	6
EHBD150WNWV4-WH	18	EHBD300WNWV5-L2	5
EHBD150WNWV5	302	EHBD300WNWV5-L2-B12	60
EHBD150WNWV5-CRD6	6	EHBD300WWWV4	1
EHBD150WWWV4	2	EHBD400WCWV4	64
EHBD200WCWV4	13	EHBD400WCWV4-L2	1
EHBD200WCWV4L2-CRD6FT-check the lens	8	EHBD400WNWV4	2
EHBD200WCWV4-WH	18	EHBD400WNWV4-L1-CRD(12)-CLNG-B05	2
EHBD200WCWV5	80	EHBD500WCWV4	40
EHBD200WCWV5-CRD15	2	EHBD500WNWV4-YOKE-WH	3
EHBD200WNWV4	18	EHBD500WNWV5-HOOK-CRD10FT	1

CONSTRUCTION



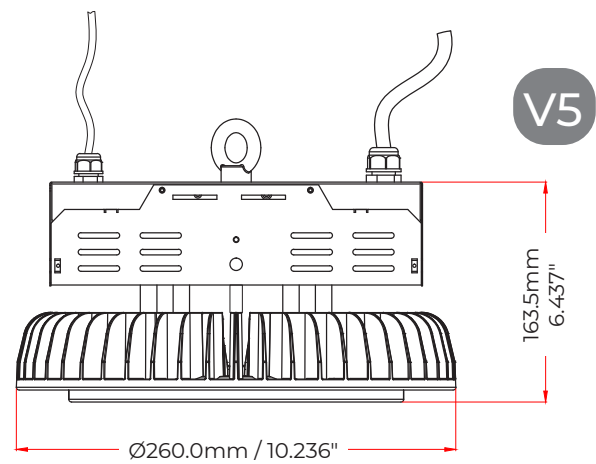
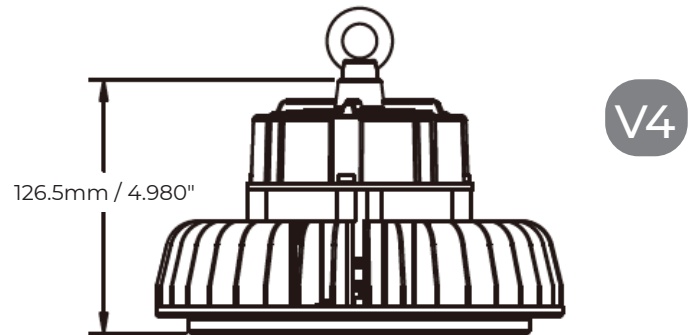
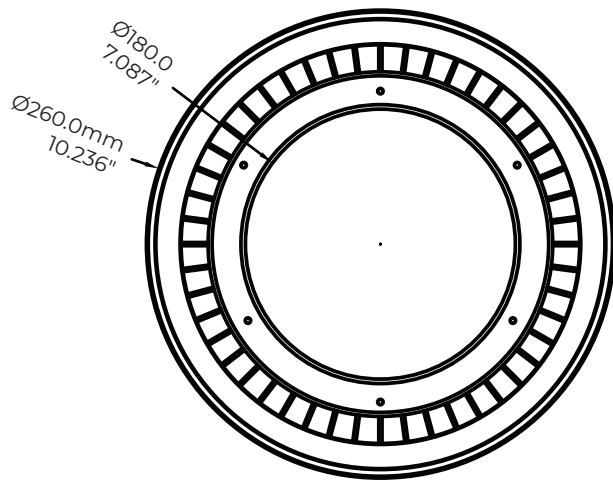
PROPRIETARY TECHNOLOGY OPTION
INLINE DISCONNECT



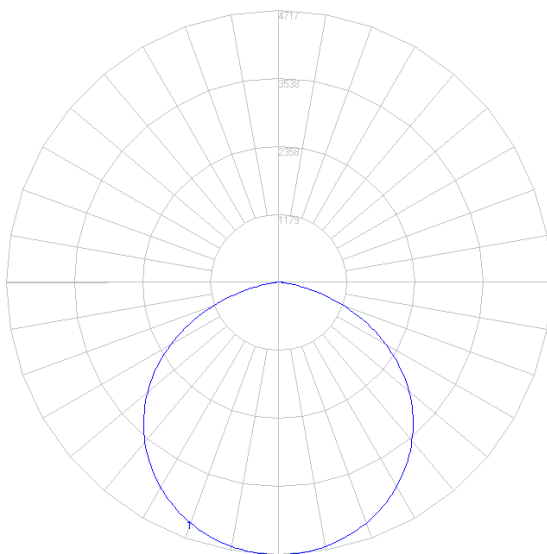
100W

DIMENSIONS

WEIGHT: 4.5kg / 10 lb



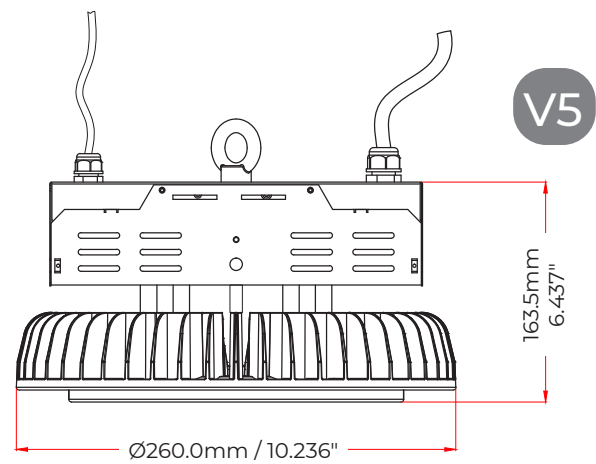
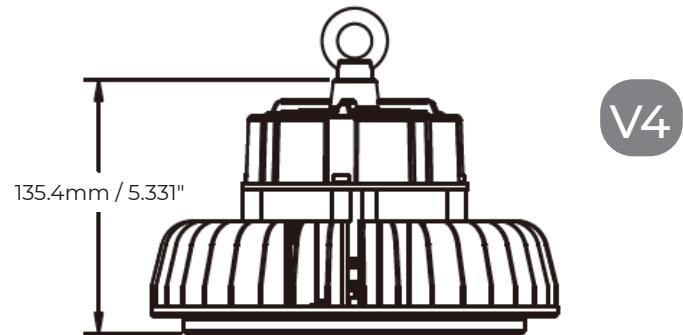
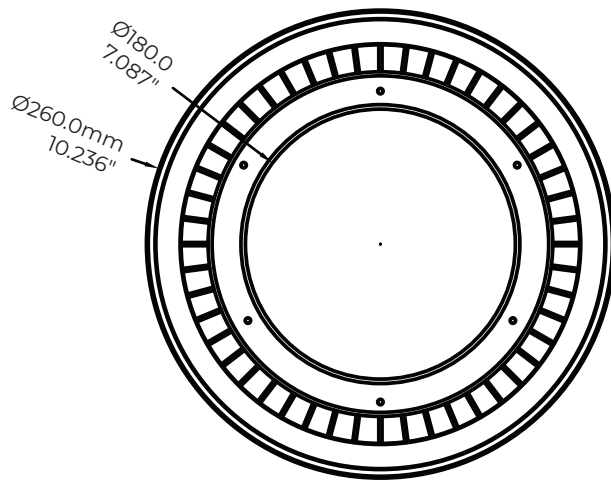
PHOTOMETRICS



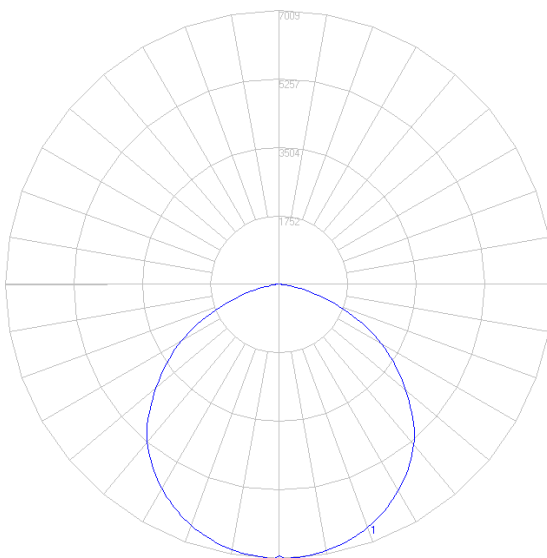
150W

DIMENSIONS

WEIGHT: 4.5kg / 10 lb



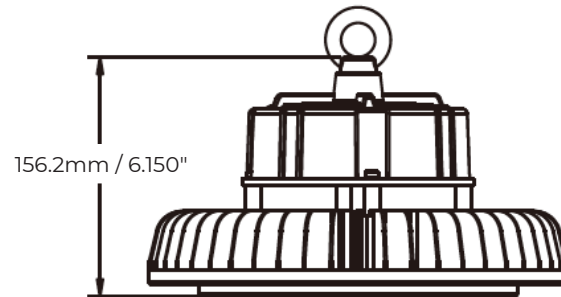
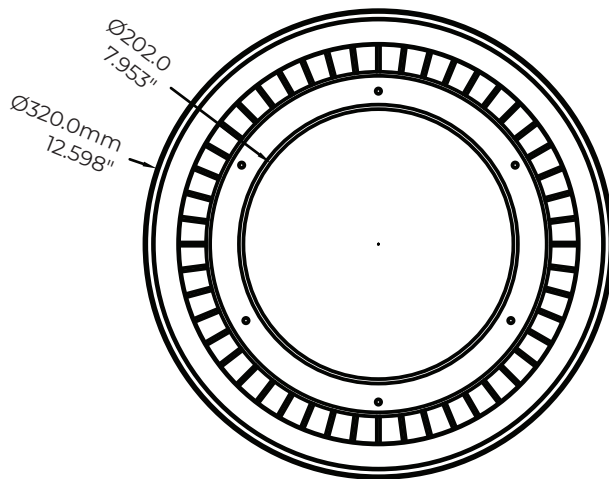
PHOTOMETRICS



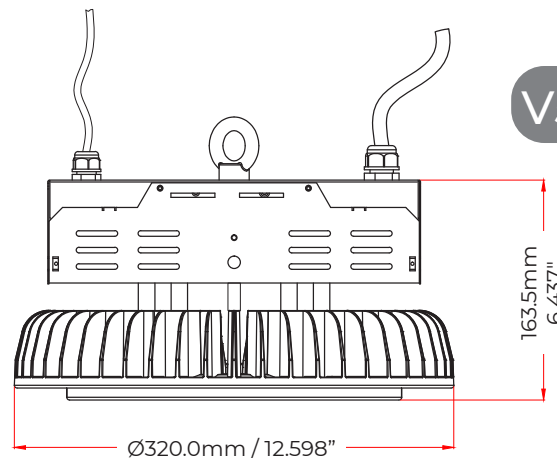
200W

DIMENSIONS

WEIGHT: 5.44kg / 12 lb

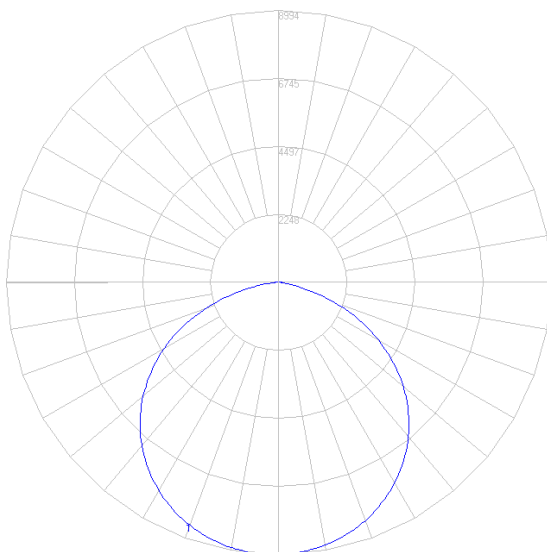


V4



V5

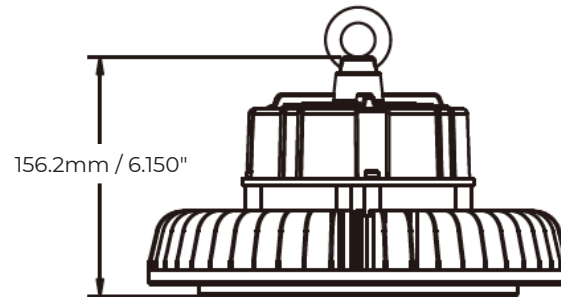
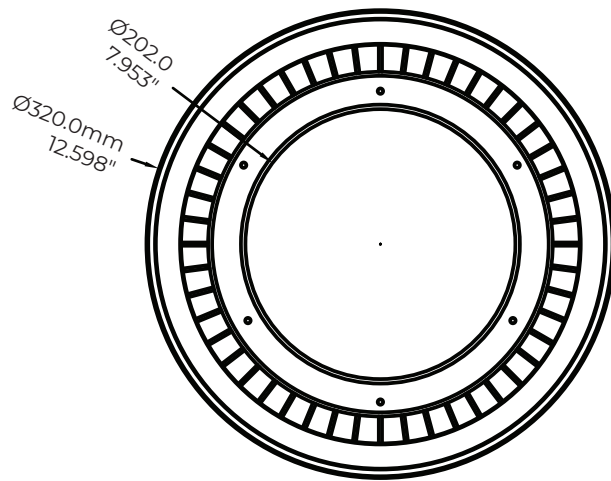
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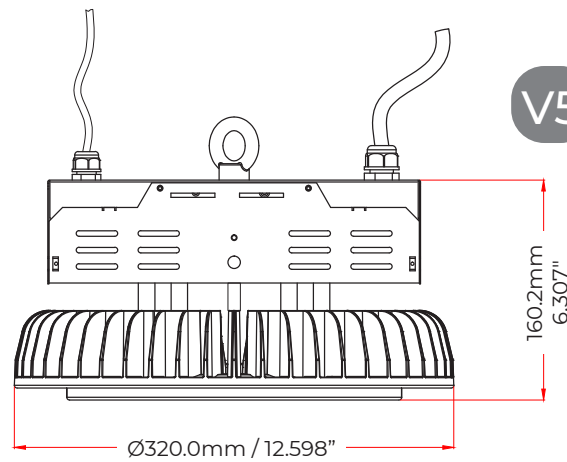
240W

DIMENSIONS

WEIGHT: 7.7kg / 17 lb

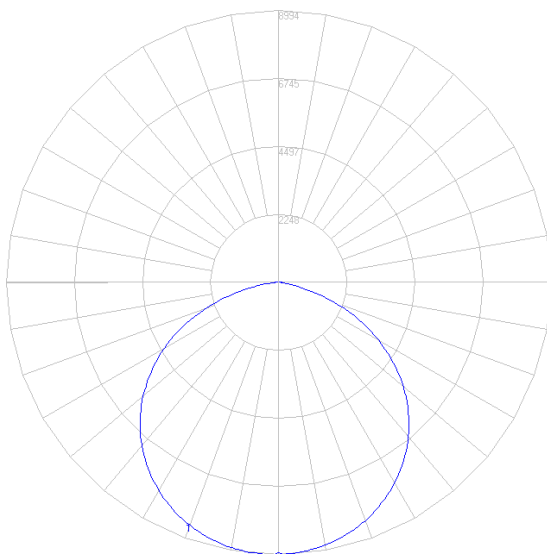


V4



V5

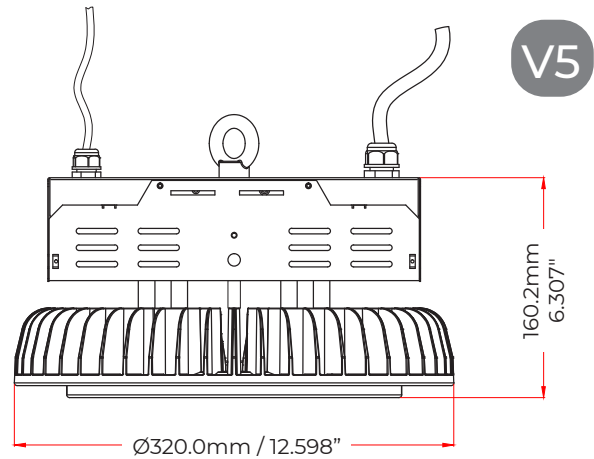
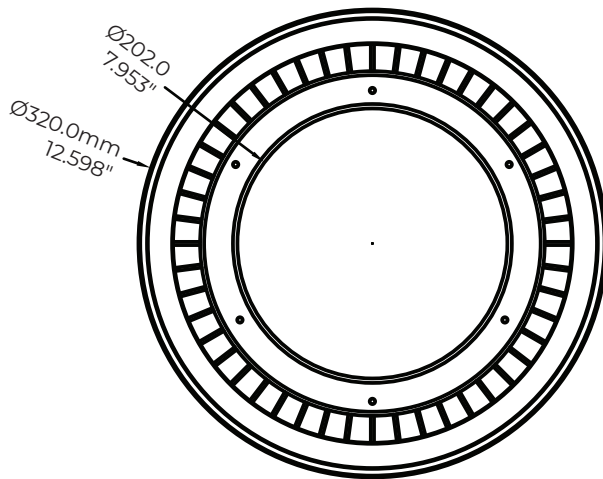
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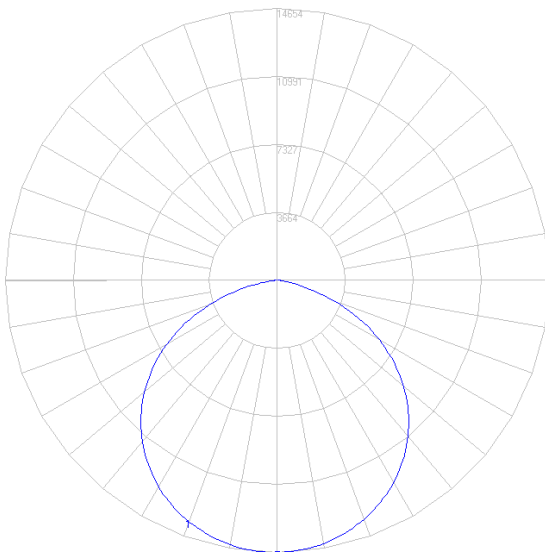
300W

DIMENSIONS

WEIGHT: 9.07kg / 20 lb



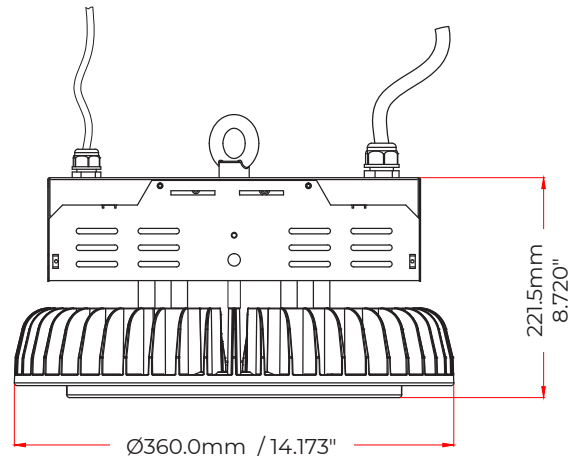
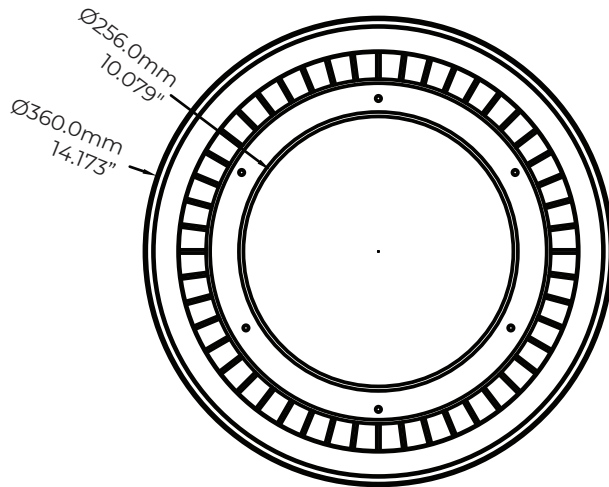
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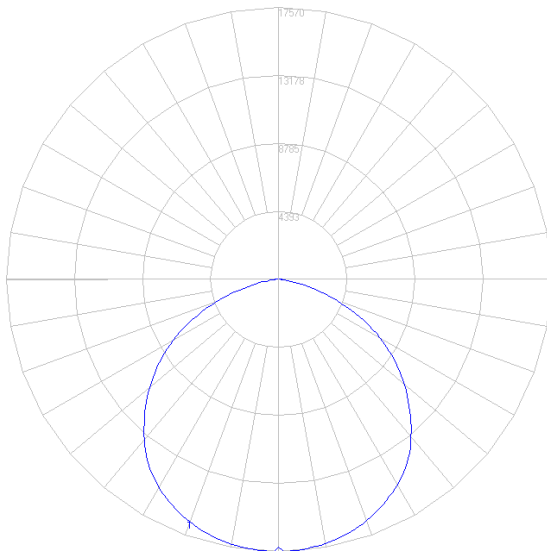
400W

DIMENSIONS

WEIGHT: 11.61kg / 25.6 lb



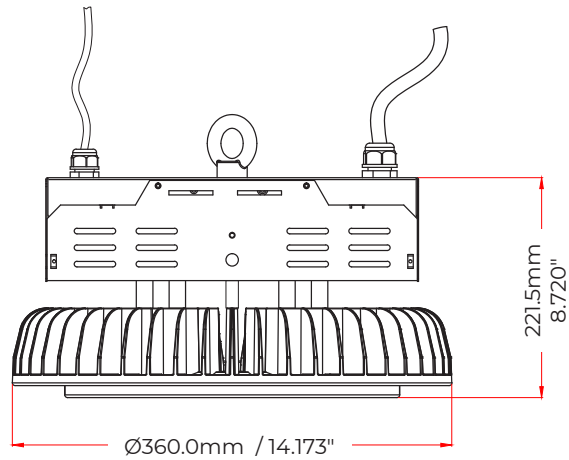
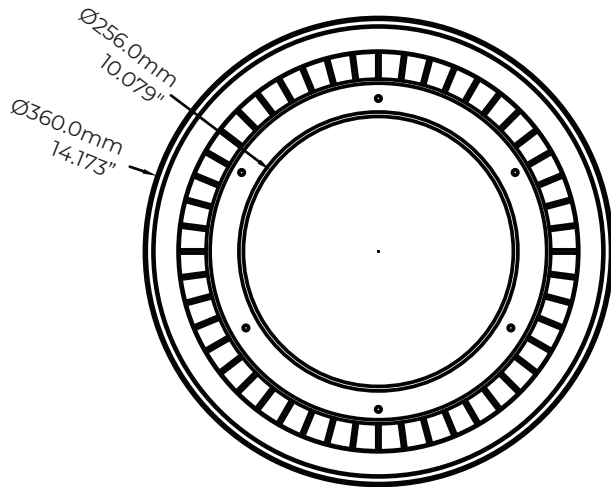
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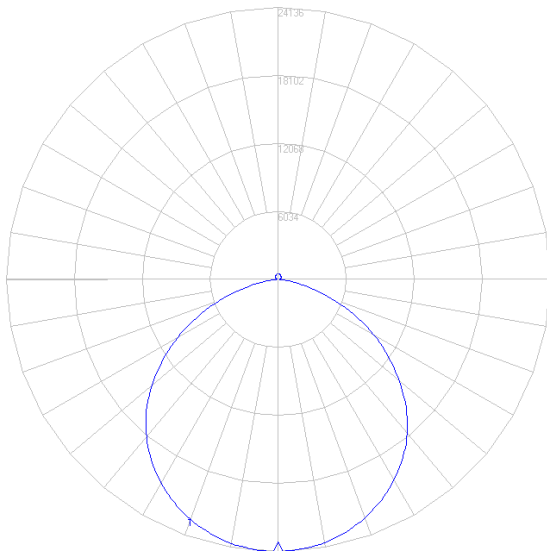
500W

DIMENSIONS

WEIGHT: 12.7kg / 28 lb

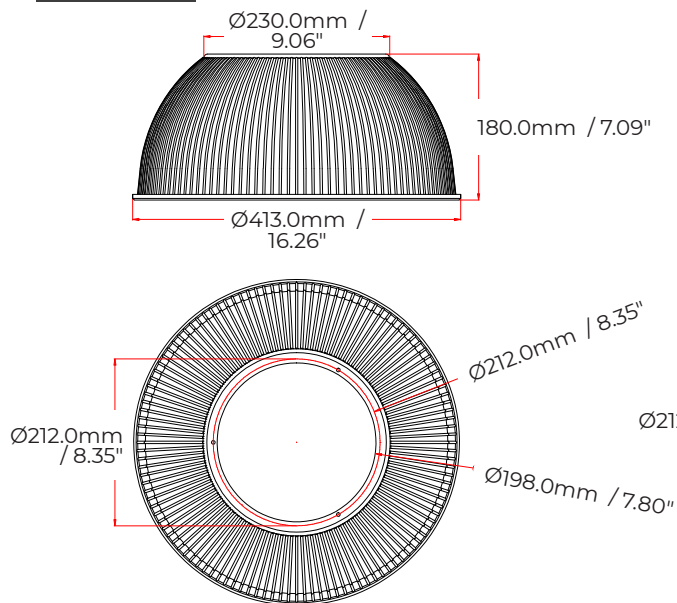


PHOTOMETRICS

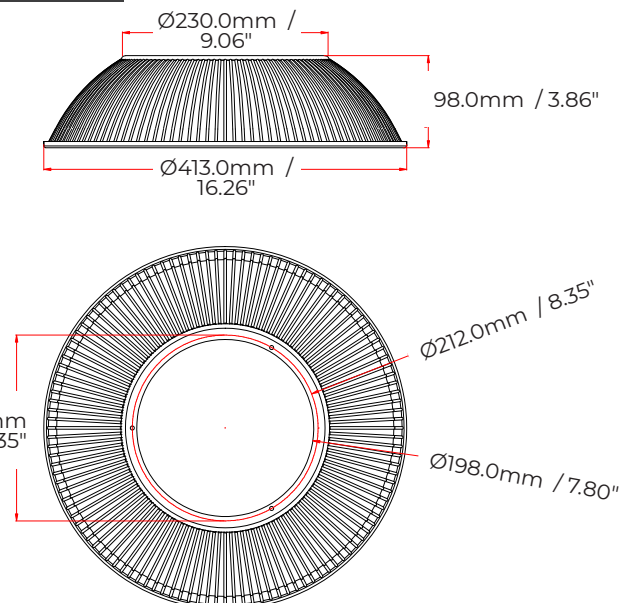


REFLECTOR DIMENSIONS

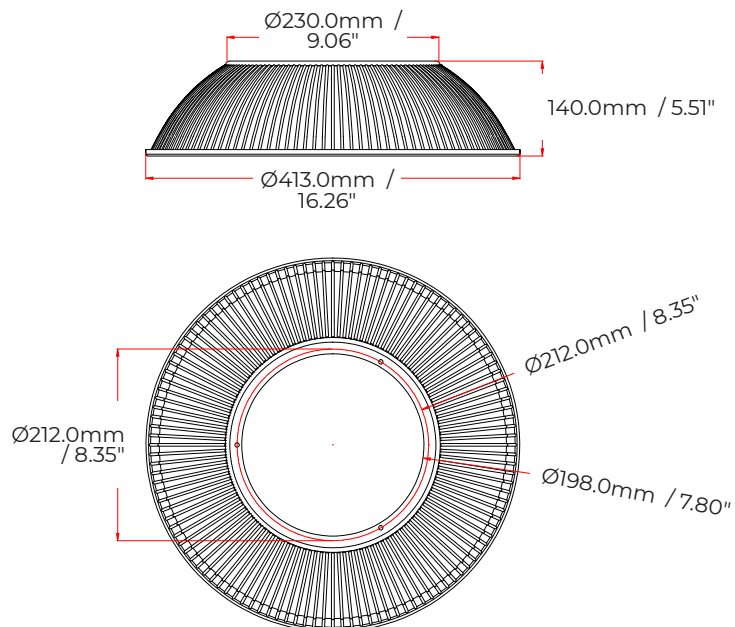
16PC-60°



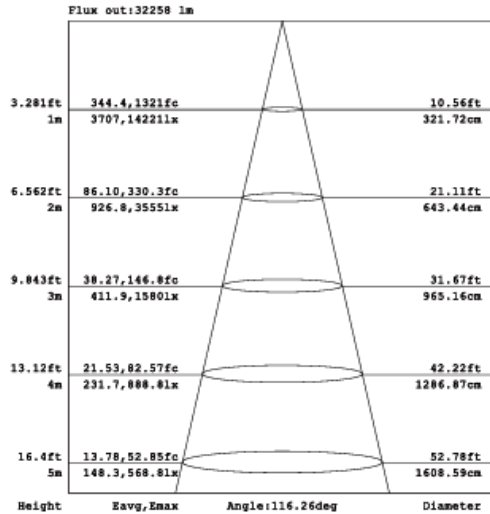
16PC-90°



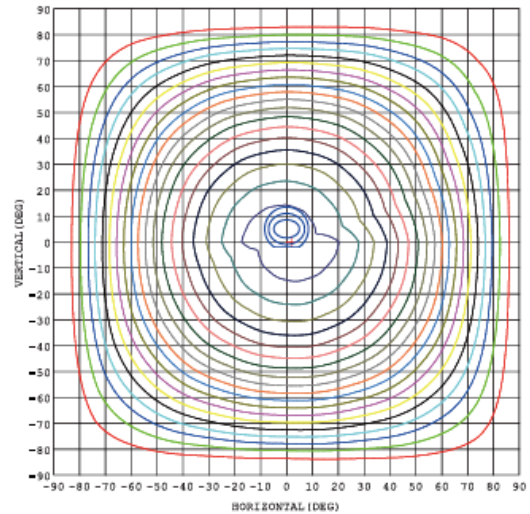
19PC-90°



PHOTOMETRICS



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



Conical surface Flux(120deg):

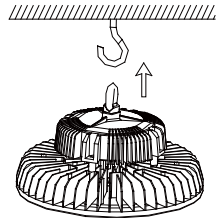
32900lm

%lum = 78.0%

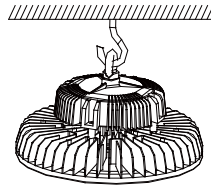
%lamp = 78.0%

MOUNTING

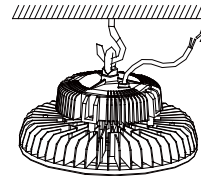
RING/HOOK MOUNT



Install hook in ceiling



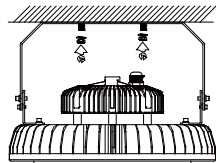
Hang fixture



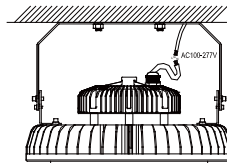
AC100-277V
All wiring finished
inside the junction
box.

Connect the wiring;
black-L, white-N, Yellow
green - Ground. Ensure
waterproofing where
required.

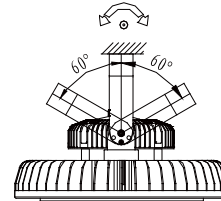
BRACKET MOUNT



Install bracket to
ceiling



Connect the wiring;
black-L, white-N, Yellow
green - Ground. Ensure
waterproofing where
required.



Adjust bracket to desired
angle.



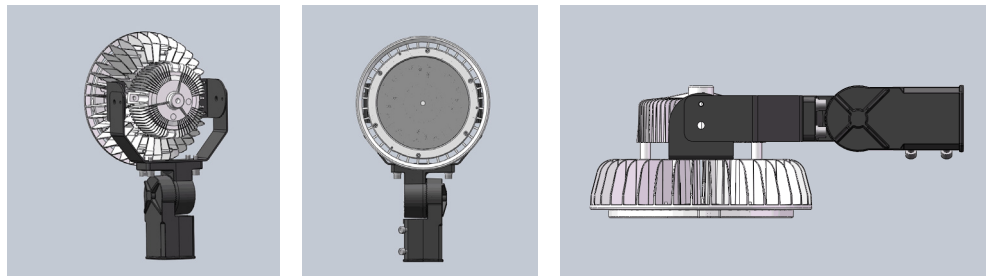
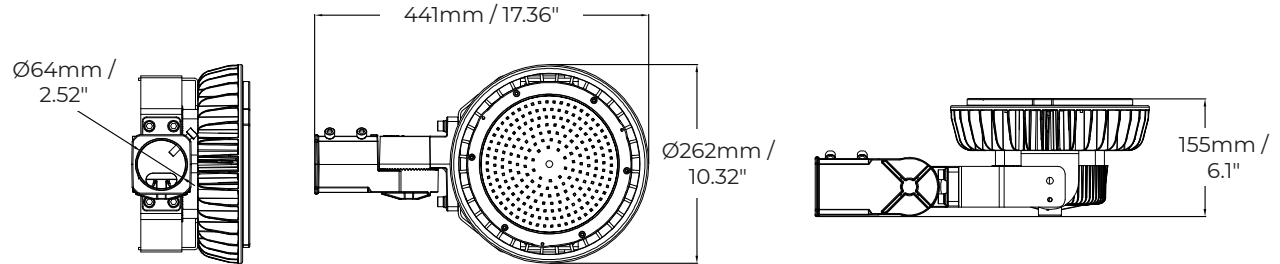
BRACKET MOUNT W/HOOK



BRACKET MOUNT W/RING

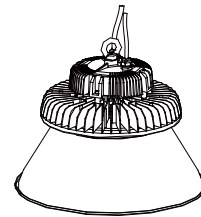
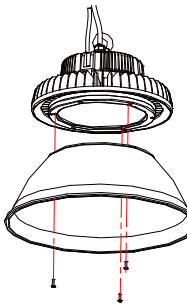
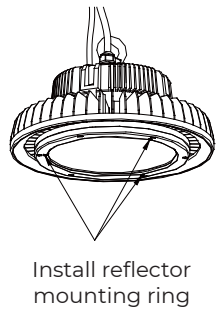
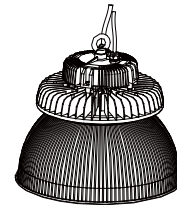
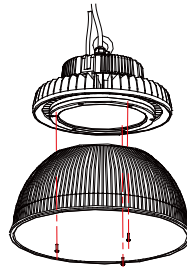
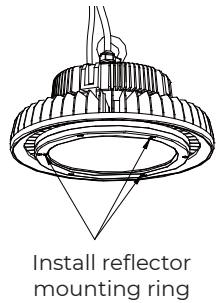
MOUNTING

KNUCKLE SLIPFITTER

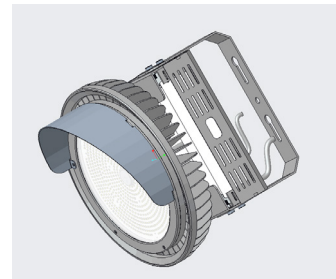
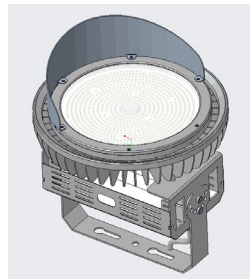
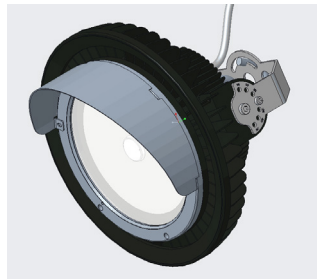
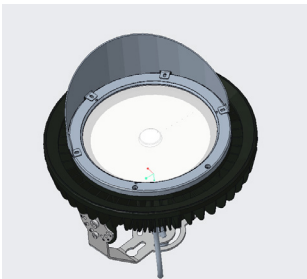
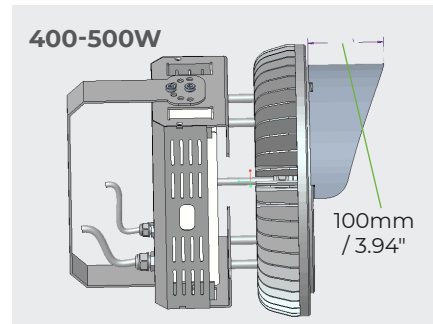
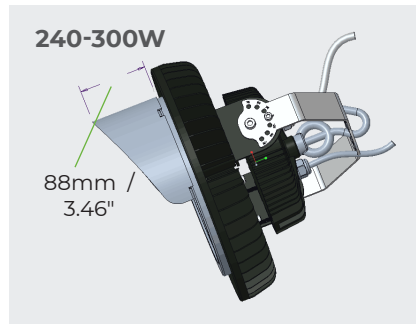
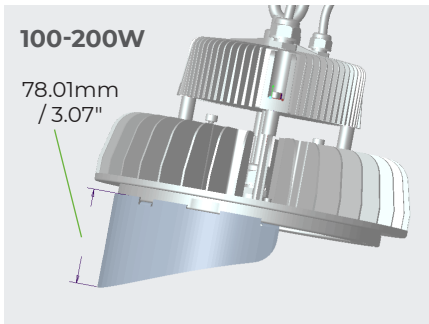


INSTALLATION

REFLECTOR INSTALLATION



VISOR



CONTROLS INTEGRATION

CONTROLS

Light when you need it. Savings when you don't.

Advanced sensors work in combination with dimming to provide full illumination only when needed, returning to a reduced level when the area is unoccupied - saving overhead on energy costs. CONTROLS systems use artificial intelligence to predict peak times on the grid and provides advanced notice about potentially expensive time, allowing you to take action to further minimize your costs by reducing your power draw.

