



HERCULES

OUTDOOR PRODUCTS

Outdoor stadium light



The Hercules Series LED luminaire is designed to show off your stadium and athletic field lighting needs. It offers a superior efficacy of up to 130 LPW with multiple CCT and beam angle variations at both 120-277V, and 200-480V. Its bracket mount, optional visor, and laser positioning tool will allow you to be able to focus the light to maximize your space. It is designed to outshine its competitors which is why it is the perfect luminaire for your outdoor sporty location.

Project:

Qty:

Notes:

OPERATING & ELECTRICAL

Input voltage 100-277Vac, 240-480Vac

Power factor 0.95

Total harmonic distortion (THD) <20%

Dimming No dimming

PERFORMANCE

Lumens per Watt 130 LPW at >70CRI

Power 320, 480, 600W

Beam angle 15°, 30°, 45°, 80°

MECHANICAL & HOUSING

Housing Aluminum die-cast for excellent thermal management and dissipation essential for long lasting, rigid structure and LED driver.

Lens UV resistant, polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

Finish

Powder coat finish for the toughest outdoor conditions. Available in Aeralux black and grey, and black and red color option.

Power Supply

Factory wired electronic LED

driver

LED Board

Light emitted source

APPLICATION CONDITION

Ambient temperature range

-40 to 50°C

Protection

LED fixture IP66 rated

COMPATIBLE MOUNTING

Mounting

240° adjustable U-bracket

WARRANTY

System warranty

5 years

Lumen maintenance

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-OD-HC300W-UV-A-Z-4000K30

AE-OD-HC	300W	-	UV-	A-Z-	4000K	30
FIXTURE FAMILY	POWER	CONTROLS	VOLTAGE	DRIVER COMPARTMENT	CCT	BEAM ANGLE
AE-OD-HC Aeralux Hercules Series LED stadium light fixture	300W 300 watts: 39,000 lumens	-[LEAVE BLANK] No dimming	UV- 120- 277Vac input voltage range	A-Z- Driver compartment	4000K 4000K CCT	30 30° beam angle
	400W 400 watts: 52,000 lumens					45 45° beam angle
	500W 500 watts: 65,000 lumens					80 80° beam angle
	750W 750 watts: 97,500 lumens		15 15° beam angle			
	1000W 1000 watts: 130,000 lumens		5000K 5000K CCT		20 20° beam angle	
	1250W 1250 watts: 162,500 lumens				25 25° beam angle	
					6500K 6500K CCT	40 40° beam angle

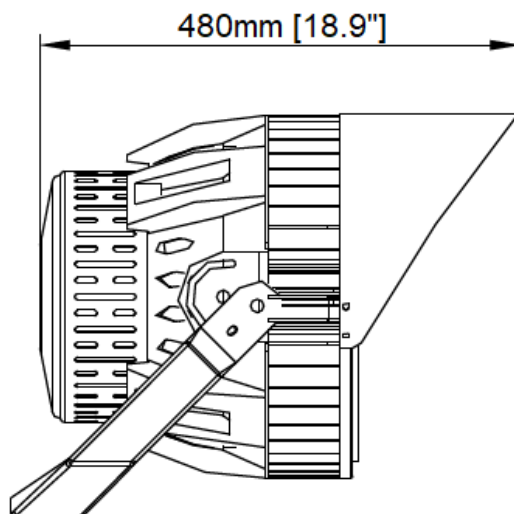
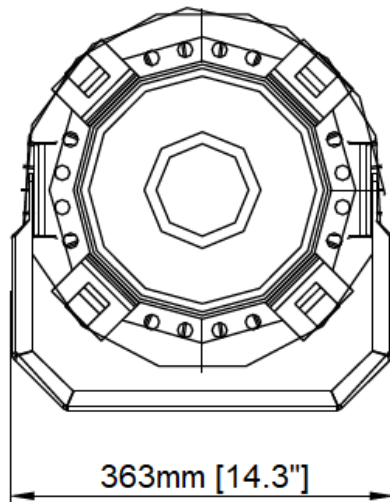
IP 66



PRODUCT DIMENSIONS

300W-500W

Weight: 14Kg

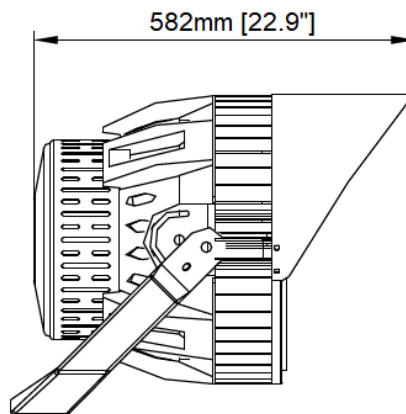
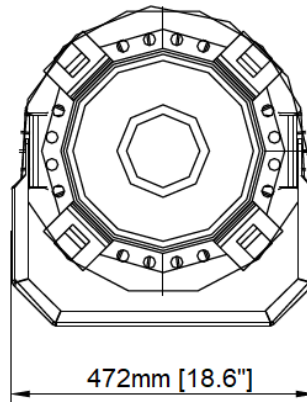


EPA		
Side EPA	Front EPA	Top EPA
1.33Ft ²	1.40Ft ²	1.59Ft ²

PRODUCT DIMENSIONS

750W-1250W

Weight: 27Kg



EPA		
Side EPA	Front EPA	Top EPA
1.90Ft ²	2.70Ft ²	2.30Ft ²

ACCESSORIES

Ordered separately, field installed

LASER POSITIONING KIT

AE-OD-HC-LASER

Laser positioning system - 1 unit- black finish

SLIP FITTER MOUNTING

AE-OD-HC-SF

Slip fitter mounting bracket – 1 unit – black finish

COMPONENTS

Components selected to provide high-output, high-efficiency illumination.
LED fixture and driver is IP66 rated ensuring durability through tough environmental conditions.

RADIATOR VENTILATION

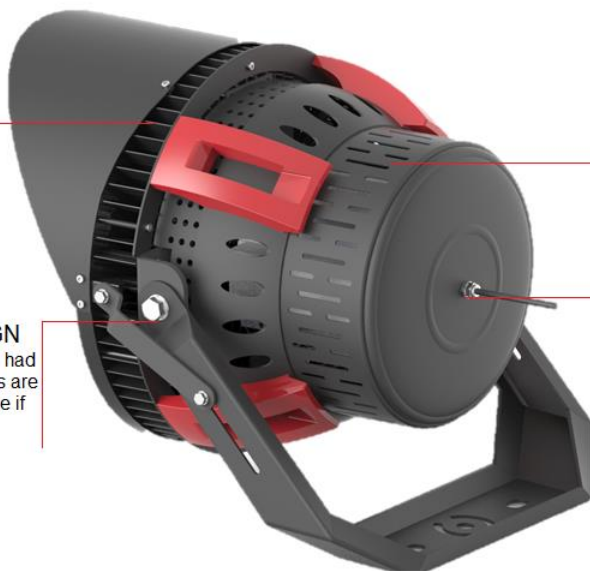
Seamless link of aerometal materials and numerous vents on the fixture's heat sink provide superior thermal heat management, and push heat away from the field.

SOLID STATE DESIGN

Unique and advanced design had no fixed components. All parts are rugged, strong, and removable if needed for servicing

INTERFERENCE

Ultra-low EMI noise generation eliminates electrical interference.



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