



140-WATT ULTRA WIDE FLOOD HIGH BAY

DESCRIPTION

Designed to outshine and outlast the competition, the AC Spreader Lighting fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design that allows the fixture to function even if half of the light should fail in harsh conditions.

- 400-500 Watt Metal Halide Replacement

SPECIFICATIONS

MECHANICAL:

Fixture Weight:	24 lbs (10.9kg)
Shipping Weight:	26.9 lbs (12.2kg)
Mounting/ Entries:	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

TECHNICAL:

Operating Voltage:	90 - 305VAC 127 - 431VDC 180-528VAC <i>High Voltage</i>
Lumens:	21000 lm
Wattage:	140W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz

CONSTRUCTION:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate

LED Light Engine / Driver

LED:	XP-L(CREE)
Amp Draw:	1.22A @ 115VAC 0.61A @ 230VAC 0.51A @ 277VAC
Lifespan:	50,000 hrs



PART #:

LSG0270180 (Fixture Only)

LSG0270180HV (High Voltage)

LSG0270STRHDQC (Stainless Steel Brackets)

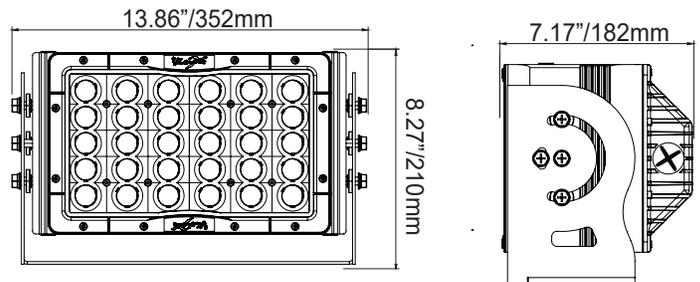
BEAM PATTERN

180° Ultra Wide Flood

180° Ultra Wide Flood

180° Ultra Wide Flood

2D DRAWING:



RATINGS:

EMC Emission:

Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3

EMC Immunity:

Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)

UL 1598A Marine:



Ingress Protection:

IP-68, IP69k

Vibration Rating:

15.6 Grms

Warranty:

5 Years



140-WATT LED FIXTURE HIGH BAY

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Finish:	Gloss Grey
Lens:	Polycarbonate

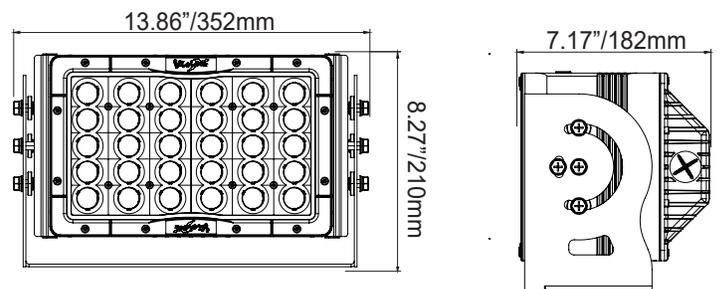
LED Light Engine / Driver

LED:	XP-L(CREE)
Amp Draw:	1.22A @ 115VAC 0.61A @ 230VAC 0.51A @ 277VAC
Lifespan:	50,000 hrs



PART #:	BEAM PATTERN
LSG063010HV (High Voltage)	10°
LSG063025HV (High Voltage)	25°
LSG063040HV (High Voltage)	40°
LSG063060HV (High Voltage)	60°
LSG063090HV (High Voltage)	90°

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
EMC Immunity:	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
UL 1598A Marine:	✓
Ingress Protection:	IP-68, IP69k
Vibration Rating:	15.6 Grms
Warranty:	5 Years



140-WATT LED FIXTURE BRACKETS | ACCESSORIES



PART #:

LAG30TR

LAS30TR

TRUNNION

Standard Powder Coated

Stainless Steel



PART #:

LAG30TRHD

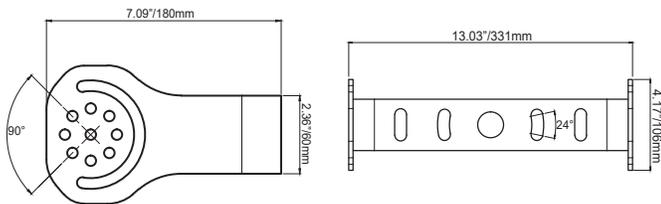
LAS30TRHD

TRUNNION

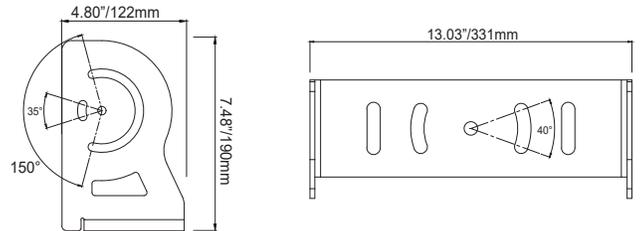
Standard Powder Coated

Stainless Steel

2D DRAWING:



2D DRAWING:



HARDWARE:



10' QUICK CONNECT WIRE
Part# : ****



110V AC PLUG
Part# : ****



240-277V AC TWIST LOCK PLUG
Part# : ****



COBRA HEAD MOUNT
Part# : 2" Diameter LAGCHM2
2.5" Diameter LAGCHM25
3" Diameter LAGCHM3



PENDANT MOUNT HOOK
Part# : LUC-PM



DUSK/DAWN SENSOR
Part# : LUC-DTD



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SLIP FITTING
Part# : 2" Diameter LUC-S2
2.5" Diameter LUC-S2.5
3" Diameter LUC-S2.5