

# 280-WATT ULTRA WIDE FLOOD

**HIGH BAY** 

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.

• 1000 Watt Metal Halide Replacement

### **SPECIFICATIONS**

MECHANICAL:	
Fixture Weight:	37.05 lbs (16.81kg)
Shipping Weight:	40.05 lbs (18.17kg)
Mounting/ Entries: (See Accessories)	(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 High Voltage
Lumens:	42000 lm
Wattage:	280W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VA( (@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
Dimming Status:	Dimmable
CONSTRUCTION:	
Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens
LED Light Engine / Driver	
LED:	XP-LHD(CREE)
Amp Draw:	2.43A @ 115VAC 1.22A @ 230VAC 1.01A @ 277VAC

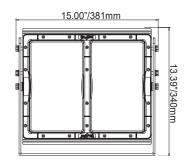


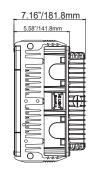




PART #:	<b>BEAM PATTERN</b>
LSG02140180	180° Ultra Wide Flood
LSG02140180HV (High Voltage)	180° Ultra Wide Flood
LSG02140180STRHDQC (Stainless Steel Bracket)	180° Ultra Wide Flood

#### **2D DRAWING:**





#### **RATINGS:**

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load $\geq$ 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:	<b>②</b>
Ingress Protection:	IP-68, IP69k
Vibration Rating:	15.6 Grms
Warranty:	5 Years



# **280-WATT LED FIXTURE**

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CONSTRUCTION:	
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Finish:	Gloss Grey
Lens:	Polycarbonate Lens
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LED:	XP-LHD(CREE)
Amp Draw:	2.43A @ 115VAC 1.22A @ 230VAC 1.01A @ 277VAC
Lifespan:	50,000 hr

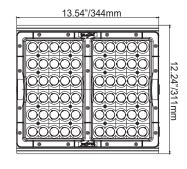


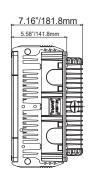




PART #:	BEAM PATTERN
LSG066010HV (High Voltage)	10°
LSG066025HV (High Voltage)	25°
LSG066040HV (High Voltage)	40°
LSG066060HV (High Voltage)	60°
LSG066090HV (High Voltage)	90°

#### **2D DRAWING:**





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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
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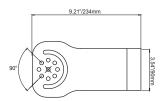
# **BRACKETS | ACCESSORIES**



PART #:	TRUNNION
LAG60TR	Standard Powder Coated
LAS60TR	Stainless Steel

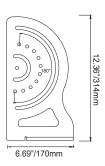
PART #:	TRUNNION
LAG60TRHD	Standard Powder Coated
LAS60TRHD	Stainless Steel

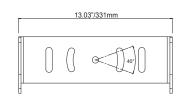
#### **2D DRAWING:**





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#### HARDWARE:



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



PENDANT MOUNT HOOK
Part#: LUC-PM



110V AC PLUG Part#: \*\*\*\*



DUSK/DAWN SENSOR Part#: LUC-DTD



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



3/4" ADJUSTABLE SWIVEL Part#: \*\*\*\*



**COBRA HEAD MOUNT** 

Part#: 2" Diameter LAGCHM2 2.5" Diameter LAGCHM25 3" Diameter LAGCHM3



SLIP FITTING

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