



P&H SHOVEL AC SERIES LIGHT

DESCRIPTION

Designed to directly bolt in, these OEM replacements will out perform the factory P&H lighting by over 80% on the effective work area. Simple quick connect wiring allows for one time wiring and no further electrical wiring to change the fixture. 3D analysis allows for site specific aiming with our patented ProTrac aiming system. Industry leading LED light output, size, weight and reliability for reduced unscheduled maintenance. **High Voltage Available**

Features and Benefits:

- 1000 Watt Metal Halide Replacement
- ProTrac Aiming System
- IP-68/IP69K Rated

SPECIFICATIONS

MECHANICAL

Fixture Weight:	54.6 lbs (24.77kg)
Shipping Weight:	62.60 lbs (28.39kg)
Mounting/Entries:	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

TECHNICAL

LED:	XP-LHD(CREE)
Raw Lumens:	36,000 lm
Effective Lumens:	23,400 lm
Wattage:	280W
Amp Draw:	2.43A @ 115V AC 1.22A @ 230V AC 1.01A @ 277V AC
Color Temperature:	5,000 Kelvin
Operating Voltage:	90-305V AC High Voltage 127-431V AC
Operating Temperature:	-40°C ~ 60°C
Lifespan:	50,000 hrs
Frequency:	47-63Hz
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

CONSTRUCTION

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey & Gloss Yellow Marine Grade Powder Coat
Lens:	Polycarbonate

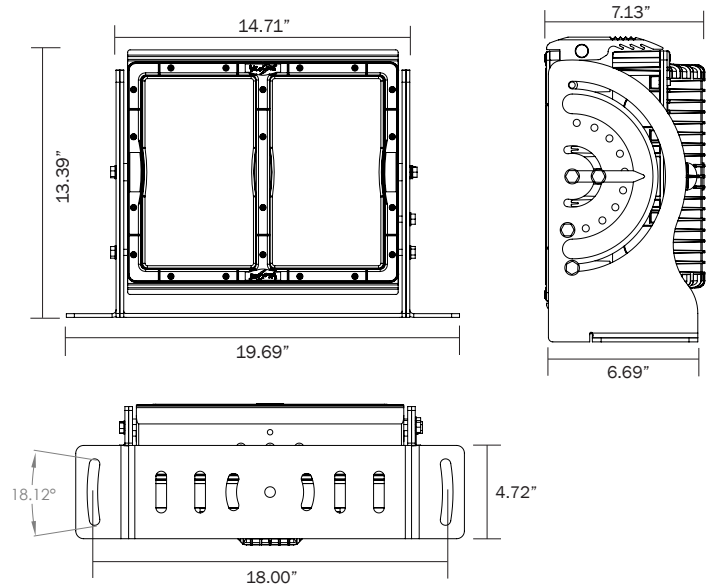


PART #:

BEAM PATTERN

LSG066010PH	10°
LSG066025PH	25°
LSG066040PH	40°
LSG066060PH	60°
LSG066090PH	90°
LSG06603065PH	30/65° (Elliptical)

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
Ingress Protection:	IP-68, IP69k
Vibration:	15.6 Grms
Warranty:	3 Years