



SHOVEL & DRAGLINE LIGHTING

Application

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.

SPECIFICATIONS

Mechanical Information:

| | |
|--------------------|--|
| Fixture Weight: | 37.05 lbs (16.81kg) |
| Shipping Weight: | 40.05 lbs (18.17kg) |
| Mounting/ Entries: | (1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES |

Electric Specifications:

| | |
|--------------------|--|
| Operating Voltage: | 90 - 305V AC 127 - 431V DC |
| Wattage: | 280W |
| 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, Re- covers Automatically After Fault Condition is Removed |
| Frequency: | 47-63Hz |
| Vibration: | 15.6Grms |

Construction:

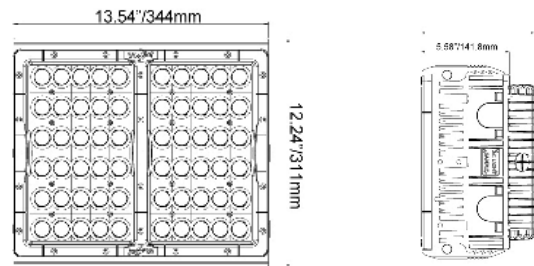
| | |
|----------|------------------------|
| Housing: | Die-Cast 6061 Aluminum |
| Finish: | Gloss Grey |
| Lens: | Polycarbonate Lens |

LED Light Engine / Driver

| | |
|-----------|--|
| LED: | XP-LHD(CREE) |
| Amp Draw: | 2.43A @ 115VAC 1.22A @ 230VAC 1.01A @ 277VAC |
| Lifespan: | 50,000 hr |



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: | IP68, IP69K |

