APS SHOVEL LIGHTING
CATALOG

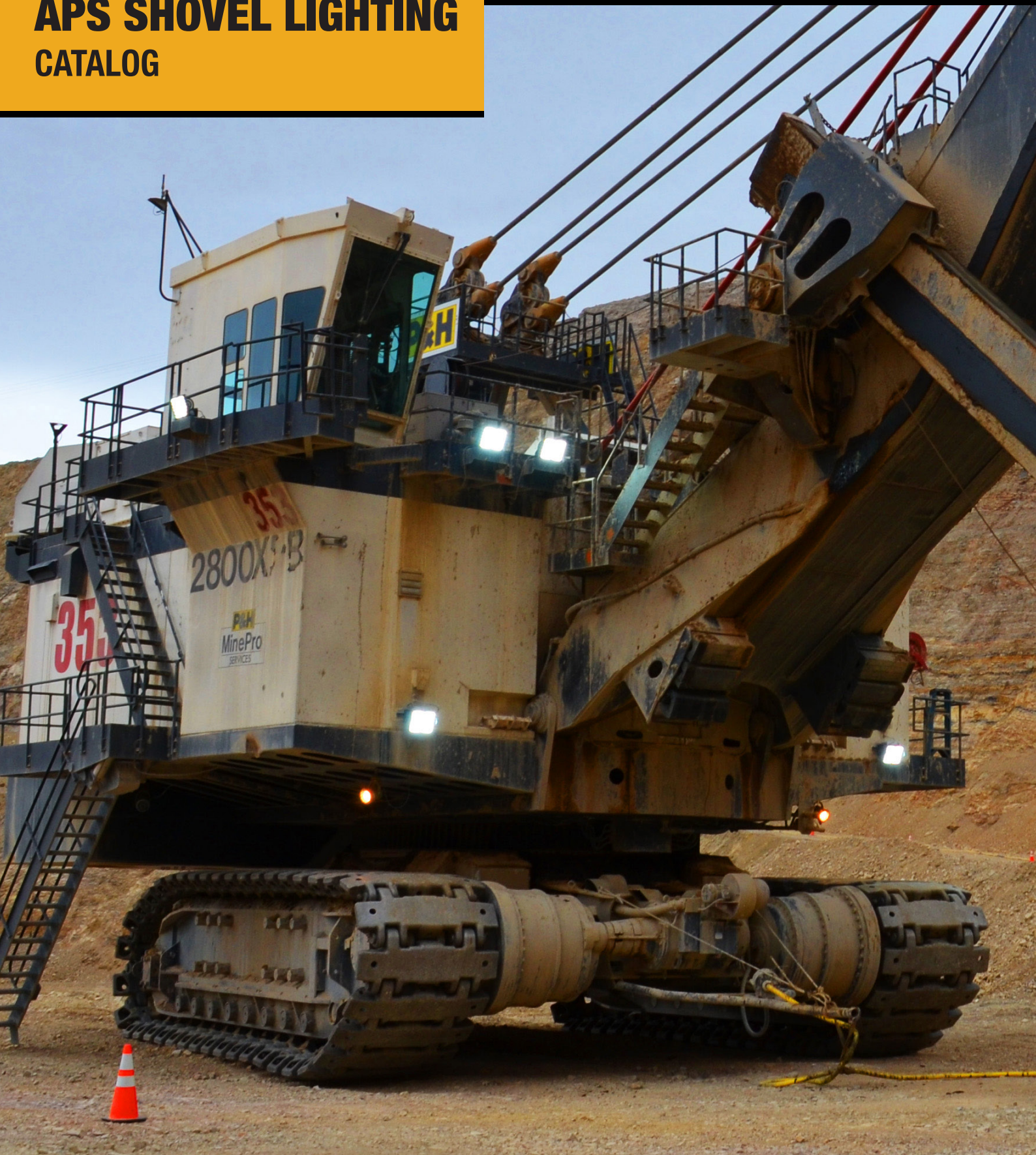# APS
LIGHTING & SAFETY

OVER 25 YEARS
INDUSTRY EXPERIENCE
OPTIMISED LIGHTING
AND SAFETY SOLUTIONS

P&H SHOVEL LIGHTING - FITOUT GUIDE

WORK AREA LIGHTING
AC FLOOD SERIES WORK LIGHT
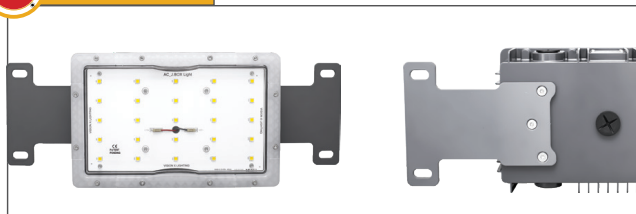
Number of Fixtures : **Equipment Specific**
Location : **House, Boom**
Beam Pattern : **90° Wide Flood**
Part # : **LSG066090PH**

2 AC J-BOX

HOUSE & TRACK LIGHTING
J-BOX SERIES WORK LIGHT

Number of Fixtures : **Equipment Specific**
Location : **Interior House, Track**
Beam Pattern : **180° Ultra Wide Flood**
Part # : **LSG0225180PH**

3 JBOX 10W

EQUIPMENT & OVER-DOOR LIGHTING
AC-SERIES WORK LIGHT

Number of Fixtures : **Equipment Specific**
Location : **Over-Door**
Beam Pattern : **180° Ultra Wide Flood**
Part # : **LSGSM40180PH**

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: (See Accessories)	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45°- SIDES

Electric Specifications:

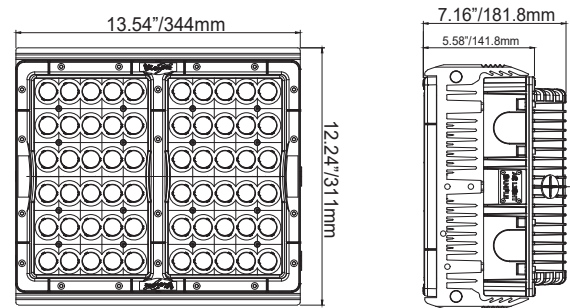|	
Operating Voltage:	90 - 305V AC 127 - 431V DC
Wattage:	280W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
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

c (UL) US
LISTED

2D DRAWING:

13.54"/344mm
12.24"/311mm
7.16"/181.8mm
5.58"/141.8mm

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

HOUSE & TRACK LIGHTING

Application
Interior house and track lighting direct OEM replacement. Simple quick connect wiring allows for one time wiring and no further electrical wiring to change the fixture. Provides 200+ degree lighting other LED fixtures cannot produce. Industry leading LED light output, size, weight and reliability for reduced unscheduled maintenance.

SPECIFICATIONS

Mechanical Information:

Fixture Weight:	8 lbs (3.8kg)
Shipping Weight:	10 lbs (4.5kg)
Mounting/ Entries: **(See Accessories)**	(6) 3/4" NPT - SIDES

Electric Specifications:

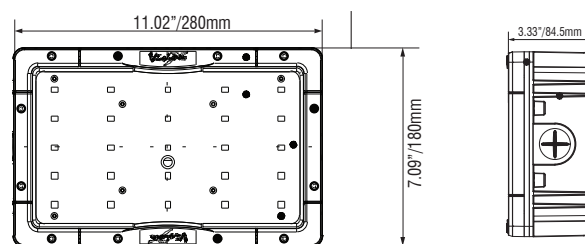|	
Operating Voltage:	90 - 305VAC 127 - 431VDC
Wattage:	50W
Operating Temp:	-40°C - 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	15.6Grms

Construction:

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

LED Light Engine / Driver

LED:	MHB-B(CREE)
Amp Draw:	0.43A @ 115VAC 0.22A @ 230VAC 0.18A @ 277VAC
Lifespan:	50,000 hr

C UL **US**
LISTED

2D DRAWING:

11.02"/280mm
7.09"/180mm
3.33"/84.5mm

RATINGS:

EMC Emission:	Compliance to EN55022,EN61000-3-2 Class A ,EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A
Ingress Protection:	IP-68, IP69k

EQUIPMENT & OVER-DOOR LIGHTING

Application
Direct bolt on over door and access panel lighting. Provides 200+ degree lighting other LED fixtures cannot match. Reduce unscheduled maintenance with robust mounts and guaranteed light operation. Optional colored covers for indicator lighting available in Red, Amber, Blue and Green. Industry leading LED light output, size, weight and reliability for reduced unscheduled maintenance.

SPECIFICATIONS

Mechanical Information:

Fixture Weight:	2 lbs (0.9kg)
Shipping Weight:	4 lbs (1.8kg)
Mounting/ Entries: (See Accessories)	(4) 3/4" NPT - SIDES

Electric Specifications:

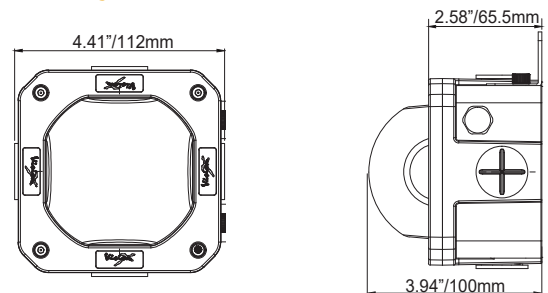|	
Operating Voltage:	90 - 264VAC 127 - 370VDC
Wattage:	10W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	15.6Grms

Construction:

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

LED Light Engine / Driver

LED:	5630(LG)
Amp Draw:	0.09A @ 115VAC 0.04A @ 230VAC 0.04A @ 277VAC
Lifespan:	50,000 hr

2D DRAWING:

4.41"/112mm 2.58"/65.5mm 3.94"/100mm

RATINGS:

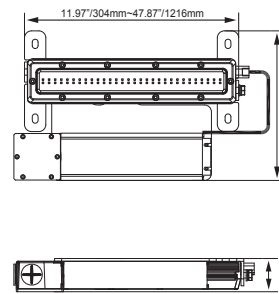|	
EMC Emission:	Compliance to EN55022,EN61000-3-2 Class A ,EN61000-3-3
EMC Immunity:	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), criteria A
Ingress Protection:	IP-68, IP69k

INTERIOR LIGHTING

Cube Shockwave Single LED Panel Light

The Cube LED Shockwave pairs Vision X Lighting's new Cube LED technology with the durability and versatility of the Shockwave series. The Shockwave is available in 1, 2, 3, and 4′ lengths and in single and dual panel designs for various application needs. The single panel Shockwave provides a 180° beam spread for optimal flood lighting. Each 1′ panel on the Shockwave dual is equivalent to a single 4′ fluorescent or standard LED tube.
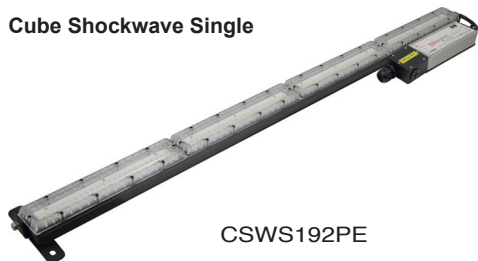
Features

- 180° Full-spread beam pattern
- Vibration: 15.6 Grms
- High efficacy Cube LEDs
- Power supply included
- Integrated Electronic Thermal Management (ETM)
- Direct Fluorescent Fixture Replacement

- Reinforced Gasketed Bezel
- Clear bezel for wider dispersion
- CISPR 25
- 3 Years/Extended warranty
- Dim (L): 12" (304mm), 24" (610mm), 36" (914mm), 48" (1219mm)
- Weight: 3.1 lbs (1.4kg), 6.2 lbs (2.8kg), 9.2 lbs (4.2kg), 12.2 lbs (5.5kg)

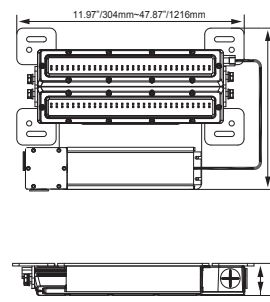| Product	Length	Beam	eLumens	rLumens	Voltage	Watts	Amps	IP Rating	Warranty
CSWS48PE	Single 12" (304mm)	180° Full-spread	4,340 Lu	5,424 Lu	110-277V AC	48W	0.44A	IP68, IP69K	3 Years/Extended
CSWS96PE	Single 24" (610mm)	180° Full-spread	8,670 Lu	10,848 Lu	110-277V AC	96W	0.87A	IP68, IP69K	3 Years/Extended
CSWS144PE	Single 36" (914mm)	180° Full-spread	13,010 Lu	16,272 Lu	110-277V AC	144W	1.31A	IP68, IP69K	3 Years/Extended
CSWS192PE	Single 48" (1219mm)	180° Full-spread	17,350 Lu	21,696 Lu	110-277V AC	192W	1.75A	IP68, IP69K	3 Years/Extended

Cube Shockwave Single

CSWS192PE

Cube Shockwave Dual LED Panel Light

The Cube LED Shockwave pairs Vision X Lighting's new Cube LED technology with the durability and versatility of the Shockwave series. The Shockwave is available in 1, 2, 3, and 4′ lengths and in single and dual panel designs for various application needs. The dual panel Shockwave provides a 210° beam spread for optimal flood lighting.
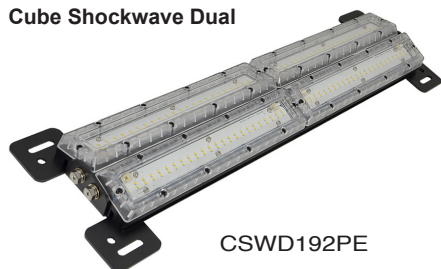
Features

- 210° Full-spread beam pattern
- Vibration: 15.6 Grms
- High efficacy Cube LEDs
- Power supply included
- Integrated Electronic Thermal Management (ETM)
- Direct Fluorescent Fixture Replacement

- Reinforced Gasketed Bezel
- Clear bezel for wider dispersion
- CISPR 25
- 3 Years/Extended warranty
- Dim (L): 12" (304mm) / 24" (610mm)
- Weight: 5.8 lbs (2.63kg) / 11.6 lbs (5.26kg)

Product	Length	Beam	eLumens	rLumens	Voltage	Watts	Amps	IP Rating	Warranty
CSWD96PE	Dual 12" (304mm)	210° Full-spread	8,670 Lu	10,848 Lu	110-277V AC	96W	0.87A	IP68, IP69K	3 Years/Extended
CSWD192PE	Dual 24" (610mm)	210° Full-spread	17,350 Lu	21,696 Lu	110-277V AC	192W	1.75A	IP68, IP69K	3 Years/Extended

Cube Shockwave Dual

CSWD192PE

REPLACEMENT PARTS

BRACKETS:

**P&H SHOVEL LIGHT
HEAVY DUTY TRUNNION**
Part# : LAG60TRHD

**P&H HOUSE AND TRACK
LIGHT BRACKETS**
Part# : LAGJ5PH1

ACCESSORY HARDWARE:

**3PIN FEMALE QUICK
CONNECT 2M**
Part# : LAYUPC2M

**3PIN MALE 3/4" JUNCTION
BOX QUICK CONNECT**
Part# : LASUQC34

NOTES:

_____

_____

_____

_____

_____

_____

_____

_____

_____

APS
LIGHTING & SAFETY

REDUCING RISK,
WHILE IMPROVING
SAFETY AND
PRODUCTIVITY

CONTACT US

APS USA
(Head Office)

610 Gateway Center Way,
Suites J & K,
San Diego, CA 92102 USA
P: 1 619 263 4164
F: 1 619 263 6814
sales@aps-supply.com

APS AUSTRALIA
(Perth)

Inspiration Business Park
Unit 48 / 9 Vision Street,
Wangara, WA 6065 Australia
P: 61 (8) 9302 2369
F: 61 (8) 6305 0047
sales.apsa@aps-supply.com

APS AUSTRALIA
(Beresfield)

Unit 11 / 21 Babilla Close,
Beresfield, NSW 2322 Australia
P: 61 (2) 4915 6781
sales.apsa@aps-supply.com

APS CHILE

Avda. Américo Vespucio 1385,
Edificio B, Modulo 17 ,Quilicura
T: 56 (2) 2948 8044
T: 56 (2) 2948 8045
sales.apschile@aps-supply.com

APS COLOMBIA

Calle 69S #34-314
Edlf. Palo Santo, ofic.403
Medellin, Colombia
T: 57 (4) 444 7275
C: 57 320 699 4595
sales.apscolombia@aps-supply.com

APS PERU

San Martin N. 472
Lima 18, Perú
T: 51 (1) 242 2719
F: 51 (1) 241 3135
sales.apsperu@aps-supply.com