FULL CUTOFF WALL PACK

DESCRIPTION

Combined with a comprehensive variety of battery backup, controls, and other options to meet your specification or building code and available in two sizes, full cutoff wall pack is designed for perimeter illumination for safety, security and identity. Units have protective polyester finish for long lasting appearance. Ideal for schools, factories, hospitals, warehouses and retail applications.

SPECIFICATION FEATURES

Construction

• Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications.
• Casting thermally conducts LED heat to optimize performance and long life.
• The design with zero uplight meets the requirements of dark sky.

Optics

• Switchable color temperature 3000K/4000K/5000K.
• Adjustable lumen output with four lumen settings 100%, 80%, 60%, 40%.
• Scalable Lumen Packages from 4,100 to 20,000 Lumens.
• Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.

Electrical

• Universal 120-277 VAC or 120-347VAC input voltage.
• 0-10V dimming standard for a dimming range of 100% to 10%..
• Both drivers have a power factor >90%, THD <20%, 6KV surge protection.
• Operating Temperature Range: -40°C to 45°C (-40°F - + 113°F).
Note: Operating with emergency battery temperature range: 5°C to 45°C (+41°F - + 113°F).

Controls

• Optional Occupancy sensor, Microwave sensor, Multifunction Sensor or daylight sensor.
• Optional Bluetooth sensor or Bluetooth controller.
• Silvair Luminaire Level Lighting Control (LLLC) optional
• Sharkward Luminaire Level Lighting Control (LLLC) optional.
• Haisen Luminaire Level Lighting Control (LLLC) optional.
• Also compatible with 3rd party smart network control system.
• High End Trim

Lifespan

• Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

• Five-year limited warranty.

Certifications

• UL cUL wet location listed.
• DesignLights Consortium™ Qualified.
  Note： DesignLights Consortium™ Qualified and classified for DLC Premium (all lumen packages),
  refer to www.designlights.org for details.

Note

• Actual performance may differ as a result of end-user environment and application. All values are desian or typical values, measured under laboratory conditions at 25°C(+5'C) specifications subiect to change without notice.
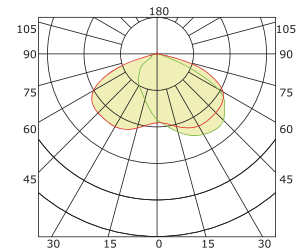
Medium Size 70W & 125W

Large Size 135W

PHOTOMETRICS

ACCESSORIES

Photocell
USE: Photocell can be pre-installed in factory.

PIR Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
Description: It can be pre-installed in factory or field installed 8W 900lm 90min
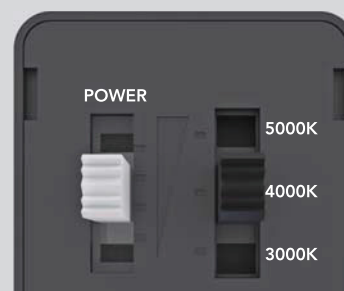Only suitable for 70W/135W.

CCT and Wattage controller
Description:
Allowing the contractor to set the lumen value and CCT of the fixture at the installation site.

CCT AND WATTAGE CONTROLLER

This fixture has the function of adjusting the lumens output and color temperature on-site.

POWER

5000K
4000K
3000K

Wattage selectable: 100%, 80%, 60%, 40%
CCT selectable: 3000K, 4000K, 5000K

PERFORMANCE DATA

70W								
SWITCH SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	70W	70	9800lm	140lm/W	11000lm	157lm/W	10200lm	146lm/W
80%	56W	70	8200lm	146lm/W	9100lm	163lm/W	8700lm	155lm/W
60%	42W	70	6400lm	152lm/W	7000lm	167lm/W	6800lm	162lm/W
40%	28W	70	4400lm	157lm/W	4800lm	171lm/W	4700lm	168lm/W

125W								
SWITCH SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	125W	70	17100lm	137lm/W	19000lm	152lm/W	18000lm	144lm/W
80%	100W	70	14200lm	142lm/W	15700lm	157lm/W	15000lm	150lm/W
60%	75W	70	11000lm	147lm/W	12100lm	161lm/W	11700lm	156lm/W
40%	50W	70	7600lm	152lm/W	8200lm	164lm/W	8100lm	162lm/W

135W								
SWITCH SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	135W	70	18000lm	133lm/W	20000lm	148lm/W	19000lm	141lm/W
80%	108W	70	15000lm	139lm/W	16400lm	152lm/W	15600lm	144lm/W
60%	81W	70	11600lm	143lm/W	12600lm	156lm/W	12000lm	148lm/W
40%	54W	70	8000lm	148/lm/W	8600lm	159lm/W	8200lm	152lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1050	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
		70	347	0.20
1	1100	125	120	1.04
		125	208	0.60
		125	240	0.52
		125	277	0.45
		125	347	0.36
1	1150	135	120	1.13
		135	208	0.65
		135	240	0.56
		135	277	0.49

DIMENSIONS
unit: mm/inch

**Medium Size:
70W&125W**

235mm(9.2in.)

361mm(14.2in.)

223mm(8.7in.)
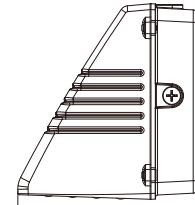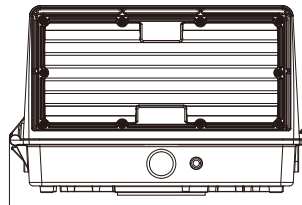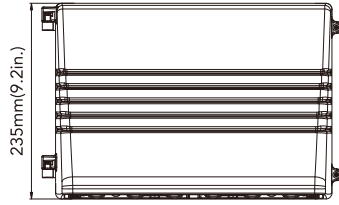
Net Weight
70W: 7.21lb
125W: 7.68lb

**Large Size:
135W**

248mm [9.75in.]

460mm [18.1in.]

242mm [9.5in.]
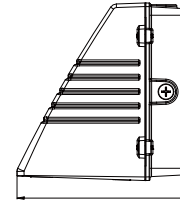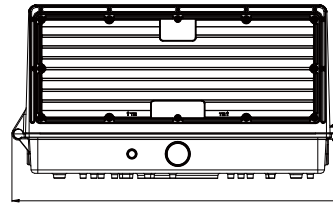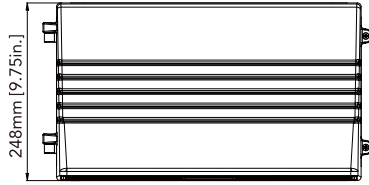
Net Weight
135W: 10.47lb

ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Emergency Battery (Option)	CCT and Power Adjustable	Internal Code
Wall Pack Series	**70** 70W **125** 125W **135** 135W	**27V** 120-277V **24V** 120-347V	**DDK** Adjustable color temperature	**D** Dark Bronze **B** Black **W** White	**P0** 120-277V Photocell **Blank** Without Photocell	**M** With Sensor **Blank** Without Sensor	**B** Emergency Battery **Blank** Without Emergency Battery	**AD** With adjustment dial	**Blank Alphanumeric**

Note：1. The 135W is not suit for 120-347V.

2. The 125W is not suit for Emergency battery.

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