

# HLF-250HSW-L-X-XXX-XXXX

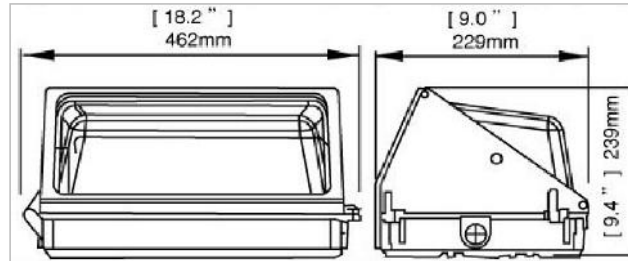
## LED LARGE WALL PACK - SEMI CUTOFF

IP54

Environment Temperature  
-30°F ~ +130°F

Environment Humidity  
≤95%

Lifespan  
50,000hrs



### 60W LED Wall Pack Products Specification

#### FEATURES

- Replace up to 250Watt Metal Halide
- Universal 120-277V
- Mercury Free: no UV
- Heavy-duty cast aluminum housing; rust and corrosion proof; polyester powder coating
- High light transmittance borosilicate glass
- Multiple knockouts for mounting convenience
- Die-cast aluminium wall bracket with 1/2" conduit openings with plugs for conduit mounting
- 4KV surge protector inside of power supply
- Occupancy and bi-level power supply compatible
- LM-79/80 data available
- 5 Year Limited Warranty

#### CONSTRUCTION

- Fixture: Heavy-duty die casting aluminium housing polyester powder coating;
- Lens: High light transmittance polycarbonate
- Diffusor: High light transmittance borosilicate
- LEDs: Top grade LED, high-output, long-life; CREE, SEOUL, SAMSUNG and so on
- Heat Sink: Aluminium plate attach to the Housing and LEDs to act the whole fixture as the heat sink system to reduce LED heats and add to life.
- LED Driver: IP65/ Constant current meets UL1310 UL 48 Class 1
- Finish: Dark Bronze or white finish.. Environmentally friendly polyester powder coatings
- Mounting: Heavy-duty cast aluminum housing; rust and corrosion proof; polyester powder coating

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### SPECIFICATION

Item No.	Specification	Data
General Performance	Input Power	60W
	Initial Lumens	4849
	Efficacy	74
	Input Voltage	120-277V/50-60HZ
	CRI	70
	CCT	5000K
	Power Factor	≥0.95
	THD	≤15%
	Driver Type	Constant Current / Class 1
	Surge Lifetime	4KV inside of Driver 50000HRS
Physical	Dimension	18.2"x9"x9.4"
	Weight	14.8 lbs (6.7kg)
Operation Condition	Operating Temperature	-30°F ~ +130°F
	Humidity	≤95%
Certificate	Certification	ETL,cETL,FCC,LM79,LM80
	Environment	Suitable for Wet Location
	Material	Rohs compliant

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **4849**  
Watts **65.42**  
Lumens per Watt (Efficacy) **74**

Color Accuracy  
Color Rendering Index (CRI) **70**

Light Color  
Correlated Color Temperature (CCT) **5075 (Daylight)**

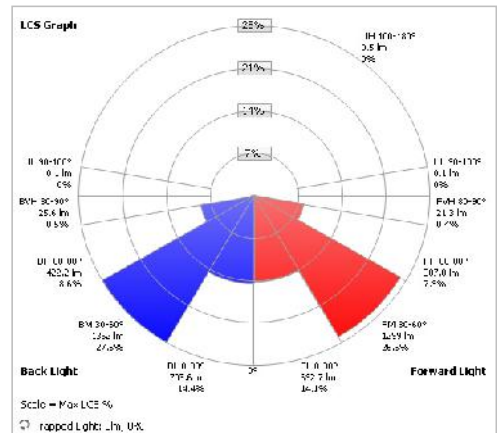
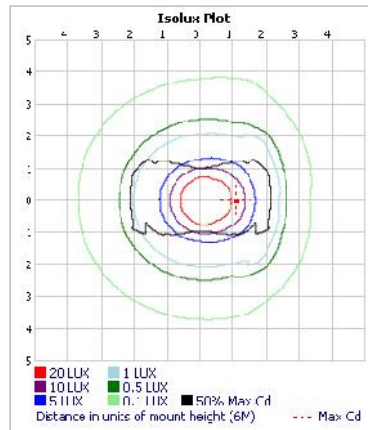
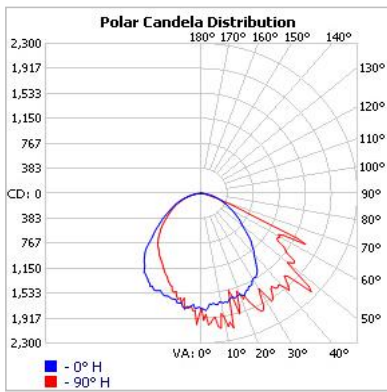
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2000: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: KEKD 2J231Y (7/25/2013)  
Model Number: HLF-250HSW-L-X-XXX-XXXX  
Type: Outdoor wall-mounted 2x2 of lights

### PHOTOMETRY



ZONAL LUMEN SUMMARY			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,396.3	28.5%	28.5%
0-40	2,294.0	46.8%	46.8%
0-60	4,046.8	82.5%	82.5%
60-90	856.9	17.5%	17.5%
70-100	268.4	5.5%	5.5%
90-120	0.2	0%	0%
0-90	4,903.7	100%	100%
90-180	0.6	0%	0%
0-180	4,904.2	100%	100%

ROADWAY SUMMARY	
Cutoff Classification:	CUTOFF
Distribution:	TYPE II, SHORT
Max Cd, 90 Deg Vert:	5.6
Max Cd, 80 to <90 Deg:	137.7
	Lumens % Lamp
Downward Street Side:	2,400.8 49%
Downward House Side:	2,503.5 51.1%
Downward Total:	4,904.2 100%
Upward Street Side:	0.3 0%
Upward House Side:	0.3 0%
Upward Total:	0.6 0%
Total Lumens:	4,904.8 100%

LUMENS PER ZONE					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	176.4	3.6%	90-100	0.1	0%
10-20	490.2	10.0%	100-110	0.0	0%
20-30	729.6	14.9%	110-120	0.1	0%
30-40	897.7	18.3%	120-130	0.1	0%
40-50	933.3	19.0%	130-140	0.1	0%
50-60	819.5	16.7%	140-150	0.1	0%
60-70	588.6	12.0%	150-160	0.1	0%
70-80	221.4	4.5%	160-170	0.0	0%
80-90	46.9	1.0%	170-180	0.0	0%

LCS TABLE		
BUG RATING	B2 - U1 - G1	
<b>FORWARD LIGHT</b>	LUMENS	LUMENS %
Low(0-30):	692.7	14.1%
Medium(30-60):	1,299.0	26.5%
High(60-80):	387.8	7.9%
Very High(80-90):	21.3	0.4%
<b>BACK LIGHT</b>		
Low(0-30):	703.6	14.4%
Medium(30-60):	1,352.0	27.6%
High(60-80):	422.2	8.6%
Very High(80-90):	25.6	0.5%
<b>UPLIGHT</b>		
Low(90-100):	0.1	0%
High(100-180):	0.5	0%
<b>TRAPPED LIGHT:</b>	0	0%

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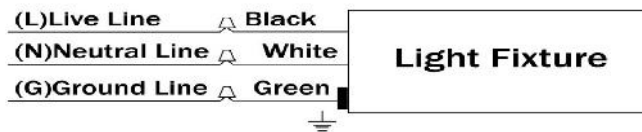
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### WIRING

Universal voltage driver permits operation at 100V to 277VAC, 50 or 60Hz except fixtures factory ordered with a 120V photocell (/PC).

1. Connect the black fixture lead to the (L) LINE supply lead.
2. Connect the white fixture lead to the (N) COMMON supply lead.
3. Connect the bare copper Ground wire from fixture to supply lead.



Wiring diagram