

# HLS-L60D-X-XXX-XXXX-NON

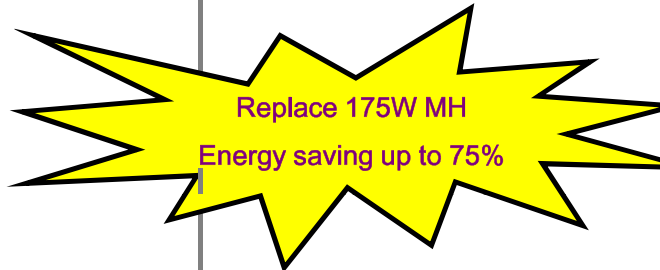
## LED DUSK TO DAWN

IP54

Environment Temperature  
-30°F ~ +130°F

Environment Humidity  
≤95%

Lifespan  
50,000hrs



## 60W LED Dusk to Dawn Products Specification

### FEATURES

- Replace up to 175Watt Metal Halid
- Universal 120-277V
- Mercury Free: no UV
- Heavy-duty cast aluminum housing; rust and corrosion proof;polyester powder coating
- Standard pole mount compatible
- Dusk to Dawn with photo control
- 4KV surge protector inside of power supply
- LM80 data available
- 5 Year Limited Warranty

### CONSTRUCTION

- Heavy-duty cast aluminum housing; rust and corrosion proof;polyester powder coating
- Diffuser: High light transmittance tempered glass & Polycarbonate with UV
- Reflector: Hydroformed Reflector with hook mounted for easy maintenance
- Photo control: Electrical type with 100-285V
- LEDs: Top grade LED, high-output,long-life; CREE,SEOUL,SAMSUNG and so on
- Heat Sink:Aluminium sink attached to the housing directly to reduce LED heats and add to life
- LED Driver: IP65/ Constant current meets UL1310 UL 48 Class 1
- Finish: Grey finish. Environmentally friendly polyester powder coatings.
- Mounting: Standard hole for the 1-1/4" pole mount



18" Arm are available, order seperately



Hook mount for easy maintenance

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## LED DUSK TO DAWN

### SPECIFICATION

Item No.	Specification	Data
General Performance	Input Wattage	66.5
	Initial Lumens	4833
	Efficacy	72
	Input Voltage	120-277V/50-60HZ
	CRI	74
	CCT	5000K
	Power Factor	≥0.95
	THD	≤15%
	Driver Type	Constant Current / Class 1
	Surge Protector	4KV inside of Driver
	Luminaire	50000HRS
	Physical	Dimension
Weight		7.7lbs(3.5kgs)
Operation Condition	Operating Temperature	-30°F ~ +130°F
	Humidity	≤95%
Certificate	Certification	LM80
	Environment	Suitable for Wet Location
	Material	Rohs compliant

HOLLY LITE

LED

lighting facts®

A Program of the U.S. DOE

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**Light Output (Lumens)**

**Watts**

**Lumens per Watt (Efficacy)**

**4833**

**66.5**

**72**

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**Color Accuracy**

Color Rendering Index (CRI)

**74**

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**Light Color**

Correlated Color Temperature (CCT)

**4850 (Daylight)**

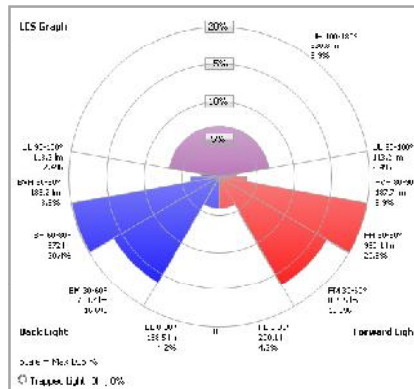
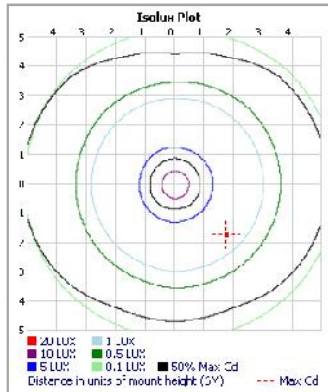
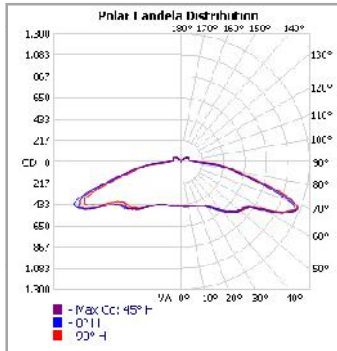
2700K
3000K
4500K
6500K

All results are according to IESNA LM-79-2008: 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: KEXG-2GWPHY (7/22/2013)  
Model Number: HLS-L60D-X-XXX-XXXX  
Type: Outdoor decorative fixture

### PHOTOMETRY



ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	398.5	8.4%	8.4%
0-40	752.6	15.8%	15.8%
0-60	1,397.6	28.9%	28.9%
60-90	2,328.4	48.2%	48.2%
70-100	1,346.9	27.9%	27.9%
90-120	291.4	6.1%	6.1%
0-90	4,325.9	89.7%	89.7%
90-180	444.0	9.3%	9.3%
0-180	4,770.0	100%	100%

CUTOFF CLASSIFICATION:	SEMICUTOFF DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	162.6	
MAX CD, 80 TO <90 DEG:	601.3	
<b>LUMENS % LAMP</b>		
DOWNWARD STREET SIDE:	2,173.4	45.6%
DOWNWARD HOUSE SIDE:	2,152.4	45.1%
DOWNWARD TOTAL:	4,325.8	90.7%
UPWARD STREET SIDE:	222.4	4.7%
UPWARD HOUSE SIDE:	221.6	4.6%
UPWARD TOTAL:	444.0	9.3%
<b>TOTAL LUMENS:</b>	<b>4,769.8</b>	<b>100%</b>

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	43.4	0.9%	90-100	113.3	2.4%
10-20	130.8	2.7%	100-110	90.2	1.9%
20-30	224.4	4.7%	110-120	87.9	1.8%
30-40	354.1	7.4%	120-130	73.7	1.5%
40-50	533.0	11.2%	130-140	51.0	1.1%
50-60	712.0	14.9%	140-150	22.7	0.5%
60-70	1,094.7	22.9%	150-160	5.1	0.1%
70-80	857.7	18.0%	160-170	0.1	0%
80-90	375.0	7.9%	170-180	0.0	0%

BUG RATING	R2 - R3 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	200.1	4.2%
MEDIUM(30-60):	805.5	16.9%
HIGH(60-90):	900.1	20.5%
VERY HIGH(80-90):	187.7	3.9%
BACK LIGHT		
LOW(0-30):	198.5	4.2%
MEDIUM(30-60):	793.7	16.6%
HIGH(60-80):	972.0	20.4%
VERY HIGH(80-90):	188.2	3.9%
UPLIGHT		
LOW(90-100):	113.2	2.4%
HIGH(100-180):	330.8	6.9%
<b>TRAPPED LIGHT:</b>	<b>0.0</b>	<b>0%</b>

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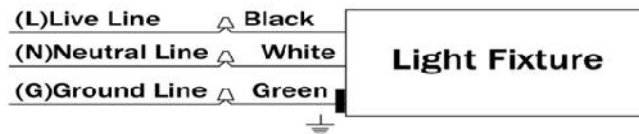
## LED DUSK TO DAWN

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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