

HLS-L60D-X-040-XXXX

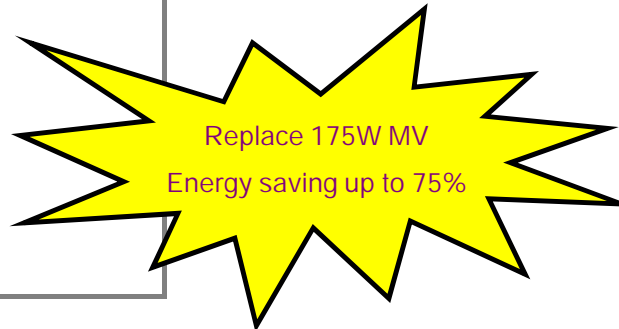
LED ROADWAY LIGHT - DUSK TO DAWN

IP54

Environment Temperature
-30°F ~ +130°F

Environment Humidity
≤95%

Lifespan
50,000hrs



40W LED Roadway Lighting - Dusk to Dawn Products Specification

FEATURES

- Replace up to 175Watt Mercury Vapor
- 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
- 3 Year Limited Warranty

CONSTRUCTION

- Heavy-duty cast aluminum housing; rust and corrosion proof; polyester powder coating
- Diffusor: 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 separately



Hook mount for easy maintaince

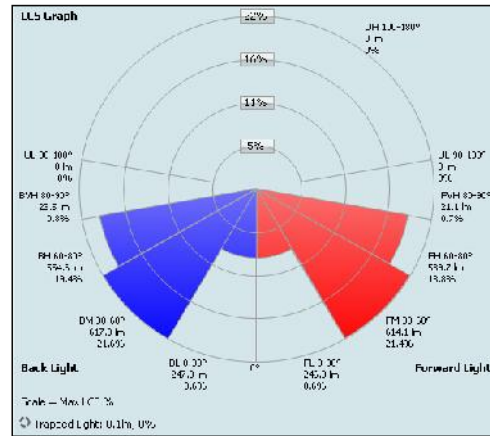
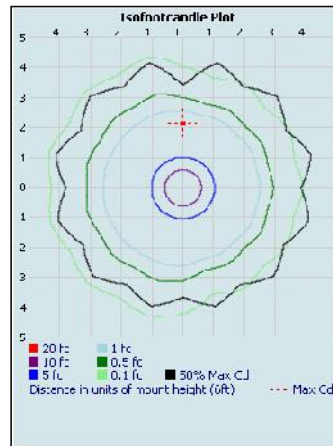
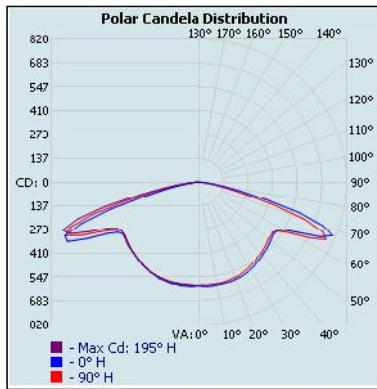
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SPECIFICATION

Item No.	Specification	Data
General Performance	Input Wattage	40
	Initial Lumens	3520
	Efficacy	88
	Input Voltage	120-277V/50-60HZ
	CRI	69
	CCT	5000K
	Power Factor	≥0.95
	THD	≤15%
	Driver Type	Constant Current / Class 1
	Surge Protector	4KV inside of Driver
	Luminaire Life	50000HRS
Physical	Dimension	13.8"x12.2"x16.7"
	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

PHOTOMETRY



ZONAL LUMEN SUMMARY			
Zone	Lumens	% Lamp	% Luminaire
0-30	493.5	17.2%	17.2%
0-40	843.4	29.4%	29.4%
0-60	1,725.8	60.2%	60.2%
60-90	1,138.8	39.8%	39.8%
0-90	2,864.6	100%	100%

LUMENS PER ZONE		
Zone	Lumens	% Total
0-10	56.6	2.0%
10-20	167.8	5.9%
20-30	269.2	9.4%
30-40	349.9	12.2%
40-50	411.4	14.4%
50-60	471.0	16.4%
60-70	694.4	24.2%
70-80	399.6	14.0%
80-90	44.8	1.6%

ROADWAY SUMMARY	
Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	7.3
Max Cd, 80 to <90 Deg:	221.7
	Lumens % Lamp
Downward Street Side:	1,421.2 49.6%
Downward House Side:	1,443.3 50.4%
Downward Total:	2,864.5 100%
Total Lumens:	2,864.5 100%

LCS TABLE		
BUG RATING	B2 - Ux - G1	
FORWARD LIGHT	LUMENS	LUMENS %
Low(0-30):	246.3	8.6%
Medium(30-60):	614.1	21.4%
High(60-80):	539.7	18.8%
Very High(80-90):	21.1	0.7%
BACK LIGHT		
Low(0-30):	247.3	8.6%
Medium(30-60):	617.9	21.6%
High(60-80):	554.6	19.4%
Very High(80-90):	23.5	0.8%
TRAPPED LIGHT:	0.1	0%

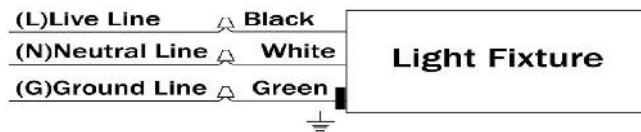
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WIRING

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