

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_

Project: \_\_\_\_\_

Comments: \_\_\_\_\_ Date: \_\_\_\_\_

## Dusk to Dawn LED



The Dusk to Dawn LED Luminaire is an energy efficient alternative – only 41W delivering up to 3,194 lumens – replacing up to a similar 100W High Pressure Sodium luminaire. The performance engineered LED technology delivers consistent color and CRI for uniform lighting and reduced maintenance over the life of the product. The Dusk to Dawn LED is IP65 rated for outdoor use.<sup>(1)</sup> Applications include security lighting, yards, parking lots, and roadways. The luminaire is backed by a 5-Year Warranty.

<sup>1</sup> IP65 Rated fixtures are rated for use outdoors where exposed directly to water from rain or irrigation.

### Performance Specifications

CRI \_\_\_\_\_ 75  
 Rated Life \_\_\_\_\_ 50,000 hour life  
 Watt \_\_\_\_\_ 41W  
 Lumens \_\_\_\_\_ 3,194  
 Lumens per Watt (LPW) \_\_\_\_\_ 77  
 Input Line Voltage \_\_\_\_\_ 120-277V  
 Input Line Frequency \_\_\_\_\_ 50/60 HZ

Min. Start Temp. \_\_\_\_\_ -40°F (-40°C)  
 Max. Operating Temp. \_\_\_\_\_ 113°F (45°C)  
 Power Factor \_\_\_\_\_ >90%  
 THD \_\_\_\_\_ <20%  
 Warranty \_\_\_\_\_ 5-Year  
 Control \_\_\_\_\_ Non-Dimmable  
 Weight \_\_\_\_\_ 6.2 lbs. (2.8kg)

### Energy Savings

System	System Wattage	Replacement LED	Wattage	Energy Savings
100W High Pressure Sodium	115W	DD1/CL41GY50/LED	41W	64%

### Construction

- Die-Cast Aluminum Housing
- Gray Powder Coat Finish
- Universal Voltage Driver, 120-277V
- NEMA Approved Photocell to Automatically Switch On/Off
- UL Listed for Wet Locations

### Installation

- Includes 21" Arm for Wall/Pole Mounting
- Includes All Hardware for Direct Wall or Arm Mounting
- Attach Directly to Mounting Surface – Wood Pole or Wall Mount
- For Direct Wall Installation – Mounting Plate Features Vertical and Horizontal Knockouts for Ease of Wiring

### Ordering Information

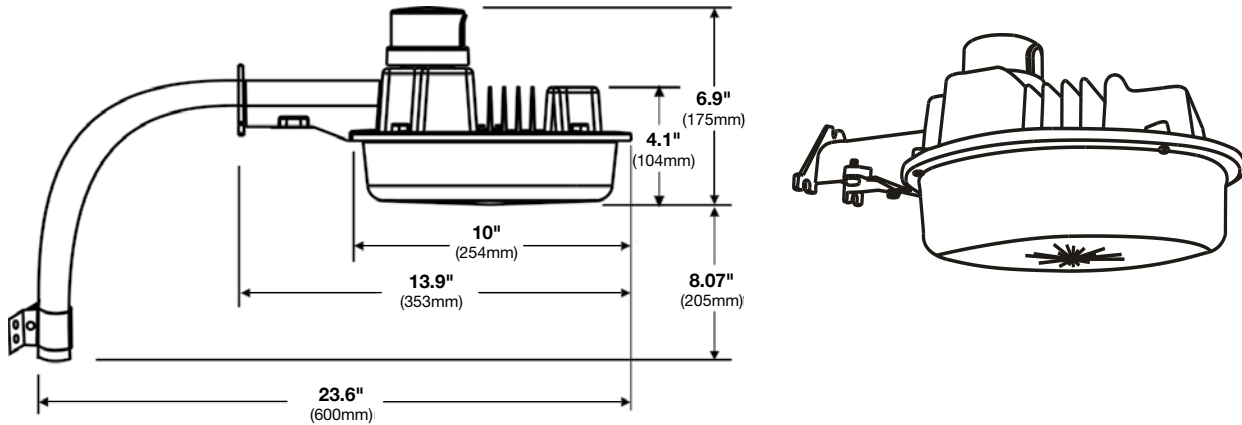
Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumens	Useful Life*	Fixture Size L x H	Wattage Equivalent
41 Watt	99915	DD1/CL41GY50/LED	120-277V	5000K	75	3,194	50,000	13.9" x 10" x 6.9"	100W High Pressure Sodium



\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels.

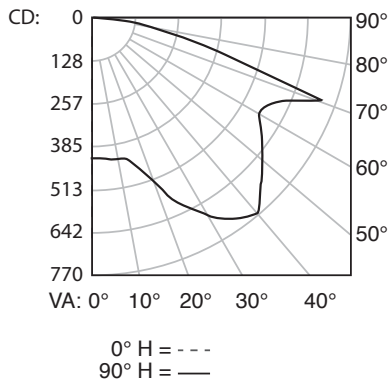
# Dusk to Dawn LED

## Dimensions

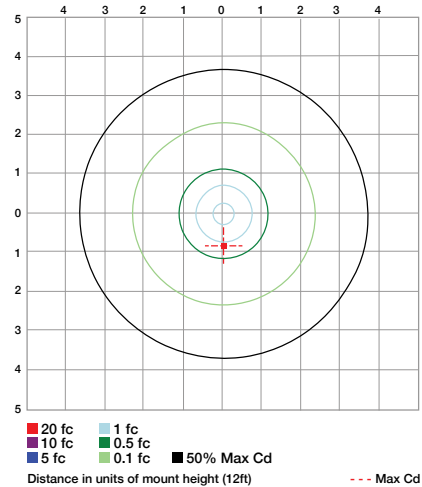


## Photometrics

Polar Candela Distribution Plot



Isofootcandle Plot



Illuminance at a Distance

Height(ft)	Center Beam Footcandle	Beam Spread(ft)		Field Spread(ft)	
		Horizontal	Vertical	Horizontal	Vertical
8.0	6.5 fc	59.0	44.0	166.7	127.3
12.0	2.9 fc	88.4	66.0	250.1	190.9
16.0	1.6 fc	117.9	88.5	333.4	254.6
20.0	1.0 fc	147.4	110.0	416.8	318.2
		Beam Angle		Field Angle	
		149.6°	140.0°	169.0°	165.7°