

Catalog # :

Project :

Prepared By :

Date :



DD42W 42 Watt LED Dusk to Dawn



The Dusk to Dawn fixture provides a smooth and even light pattern with a polycarbonate lens. Twist lock photocontrol is included. Fixture designed for 12" and 24" mounting options

Features & Specifications

Performance

5000K		
Delivered Lumens	Efficacy	Wattage
3,946	100.66	39.20

Optical System

- UV stable polycarbonate lens designed to provide high efficiency, greater footcandles and a large pattern.
- Positioning of the LEDs result in the light being directed to desire locations eliminating glare and offensive light.
- 5000K color temperature.
- Minimum CRI of 74

Electrical

- L70 Calculated Life: 50,000 Hours
- Driver is constant current, Class 2, 120-277 Vac, 50-60 Hz
- Off-State Power – 0 Watts
- 0-10V dimming (1% - 100%) standard.

Controls

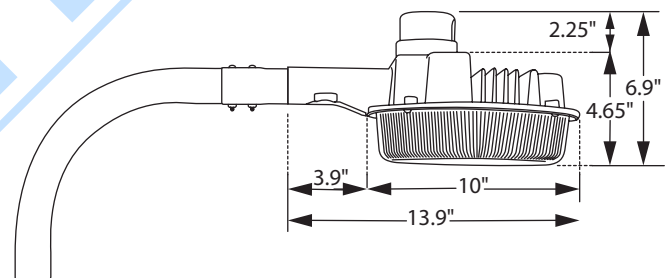
- NEMA 120VAC twist lock photocontrol included.

Construction

- Durable die-cast aluminum housing with powder coated gray finish.
- The housing is designed for greater heat dissipation which allows for lower operating temperatures which results in a brighter light, more stable color and longer LED and driver life.
- LSI LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance.
- Weight: 7.6 lbs.



Dimensions





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Features & Specifications (Cont.)

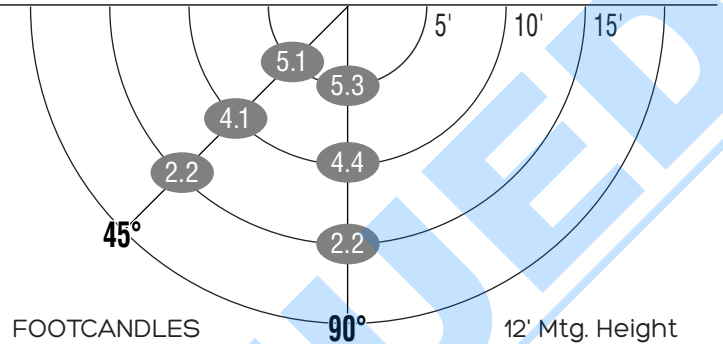
Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- LSI LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

Photometrics



Footcandles on the Ground							
Mounting Height	90°			45°			Average Footcandles 450 sq. ft.
	5'	10'	15'	5'	10'	15'	
12'	5.3	4.4	2.2	5.1	4.1	2.2	3.9
14'	3.7	3.6	2.2	3.6	3.4	2.1	3.1

LSI INDUSTRIES

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	3946
Watts	39.2
Lumens per Watt (Efficacy)	100.66

Color Accuracy Color Rendering Index (CRI)	74
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Light Color Correlated Color Temperature (CCT)	5086 (Daylight)
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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 for the *Label Reference Guide*.

Registration Number: PRB4-TJC8J1 (3/24/2017)
Model Number: DD42W5K-GRY
Type: Luminaire - Area/Roadway

Mounting Detail

- Suitable for pole mount application
- 1 5/8" diameter mounting arm included.

Luminaire Ordering Guide

TYPICAL ORDER EXAMPLE: **DD 42W 50K GRY**

Family Prefix	Wattage	Color Temp	Finish
DD	42W	50K - 5000K	GRY - Gray