



Certified LED Lights®

Product Data Sheet
Dusk to Dawn Light



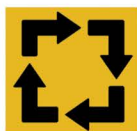
Product Overview

The 45W Dusk-to-Dawn Barn LED Light provides reliable, energy-efficient outdoor illumination for streets, parking areas, walkways, commercial properties, and other security lighting applications. Designed with an integrated photocell, the fixture automatically turns on at dusk and off at dawn, eliminating the need for manual switching and helping reduce unnecessary energy consumption. Standard in 5000K color temperature, it provides a crisp daylight appearance to meet a variety of application requirements. The durable IP65-rated construction protects the fixture from dust and water exposure, making it well suited for demanding outdoor environments.

With efficient Lumileds LED technology, dependable automatic operation, and a rugged design, this 45W barn light is an excellent replacement for traditional high-wattage outdoor fixtures while providing consistent, low-maintenance illumination.

- * Standard in fixed 5,000K
- * Wattage: 45W
- * UL Listed
- * FCC Part 15, Class B
- * DLC Premium Listed
- * High quality Lumileds LED
- * IP 65 Wet Rated
- * 150 lumens per watt
- * Long-life LEDs provide 75,000 hours of operation
- * Universal 100-277 AC voltage (50-60 Hz)
- * Heavy die-cast aluminum alloy housing with powder-coated finish
- * Beam angle: 124 degrees
- * Integrated photocell

Applications



Perimeter



Landscaping



General area



Pathways

Product Warranty



Highlights and Certifications



UL Listed



DLC Premium Listed



Complies with FCC part 15



IP65 Rated

Key Specifications

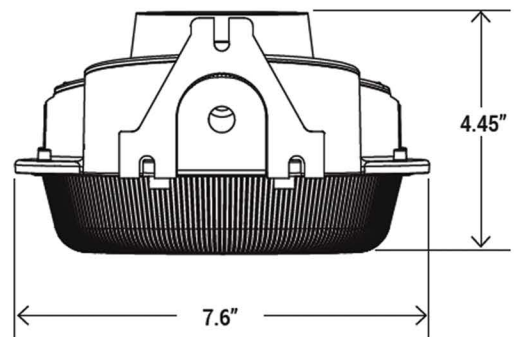
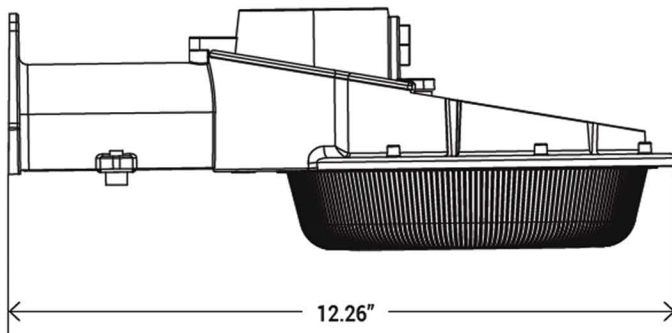
- * Fixed 5,000K color temperature
- * Wattage Selectable: 45W
- * Operating temperatures from -22°F to 113°F
- * Power factor > 0.98
- * Driver efficacy: 90%
- * THD < 20%
- * Color rendering Index > 70
- * Integrated photocell with blocking cap can be left intact when not needed

Performance

45W Dusk to Dawn

45 Watts	
Color	5.000K
Lumens	6,525
Lumens / Watt	145

Dimensions



Ordering Guide

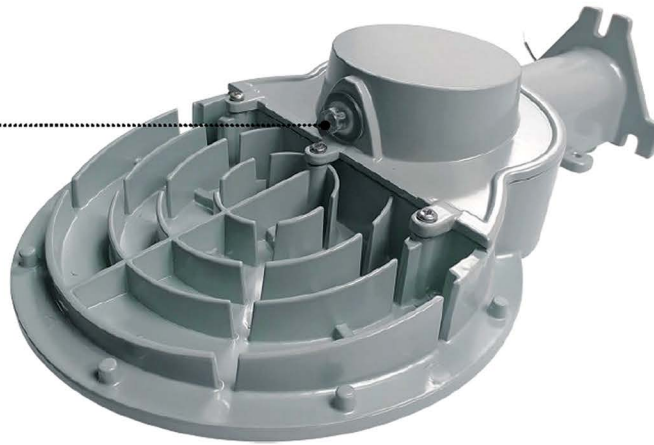
PART #	Color Temp	Lumens @ 4000K	Wattage	Lumen / watt	Voltage
45WDW-27-50K-PC	5,000K	6,525	45W	150	100-277V

Photocell



NPSM-LD0

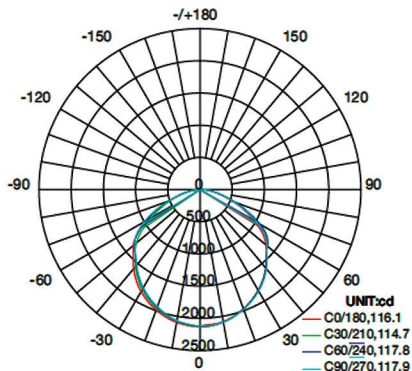
Used for indoor or outdoor LED lamps, working with light sensing principles, this sensor is used for 120-277V.



Photometric data

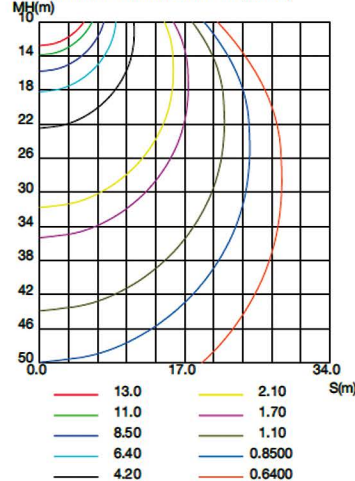
45W @ 5,000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 116.6 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



ISOLUX DIAGRAM

