

DUSK TO DAWN (DD05)



DESCRIPTION

OEO's Dusk to Dawn luminaire or Barn Light is designed for reliable, all-night security and area lighting. This LED barn light features built-in dusk-to-dawn photocell technology for automatic on/off operation. Ideal for barns, garages, yards, and rural properties, it delivers bright, energy-efficient illumination with long-lasting performance and minimal maintenance.



SPECIFICATION FEATURES

Overview

- Initial Delivered Lumens: 6,150~12,200lm
- CRI: ≥ 70
- Mounting: Mounts directly to wall surface or to pole with mounting arm (accessory sold separately)
- Replaces up to 250W MH
- CCT: Optioal 4000K and 5000K
- Lifespan: Estimated >50,000 Hours

Construction

- Durable, die-cast aluminum housing silver gray polyester powder-coat finish
- Photocell included

Recommended use

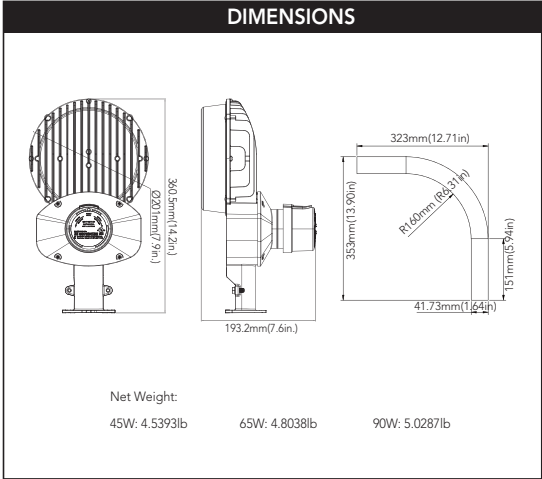
- General Area Illumination
- Entryways & Pathways
- Yards & Loading Docks

Electrical

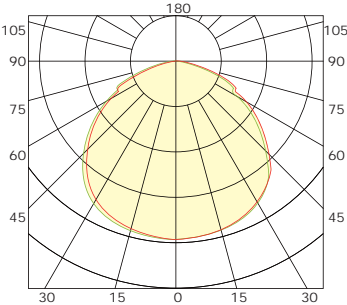
- Input Voltage: 120-277V
- Power Factor: ≥ 0.9
- Total Harmonic Distortion: $\leq 20\%$
- Operating Temperature Range: $-40^{\circ}\text{C} - +40^{\circ}\text{C}$ ($-40^{\circ}\text{F} - +104^{\circ}\text{F}$)

Certifications

- DesignLights Consortium™ Qualified.
 - UL cUL wet location listed.
- Note:** DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to www.designlights.org for details.



PHOTOMETRICS



ACCESSORIES

	Mounting arm kit (Optional) USE: For pole mounting
	Photocell USE: Photocell is field installed or pre-installed in factory by requesting

PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
45W	120-277V	70	6150lm	137 lm/W	6200lm	138 lm/W
65W	120-277V	70	8650lm	133 lm/W	8800lm	135 lm/W
90W	120-277V	70	12200lm	136 lm/W	12200lm	136 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1100	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	1630	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
1	2270	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32

ORDERING GUIDE

Example: MDD05 45W 27V XXK Y Y Y

Fixture Type	Wattage	Voltage	CCT	Finish	Photocell	Internal Code
DD05	45 45W 65 65W 90 90W	27V 120-277V	40K 4000K 50K 5000K	SG Silver Gray D Dark Bronze B Black W White	P0 With 120-277V Photocell	Blank Alphanumeric