

# DUSK TO DAWN (MDD05)



## DESCRIPTION

The MDD05 Series luminaires offer traditional Dusk to Dawn features with softened edges for a versatile look that complements many applications. High-performance, energy efficient solution for local, collector and major roadways, the MDD05 series uses breakthrough LEDs and precision-engineered optics to provide exceptional illumination while also saving energy.



## 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)

### Construction

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

### Recommended use

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

- Replaces up to 250W MH
- CCT: Optional 4000K and 5000K
- Lifespan: Estimated >50,000 Hours

### Electrical

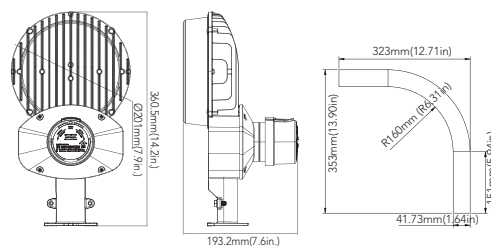
- Input Voltage: 120-277V
- Power Factor: ≥ 0.9
- Total Harmonic Distortion: ≤20%
- Operating Temperature Range: -40°C - + 40°C (-40°F - + 104°F)

### Certifications

- DesignLights Consortium™ Qualified.
- UL cUL wet location listed.

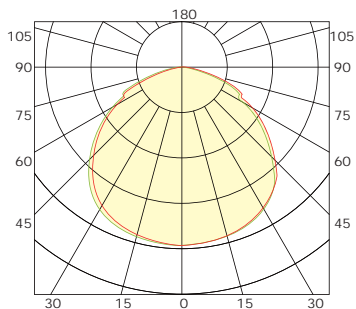
Note: DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), refer to [www.designlights.org](http://www.designlights.org) for details.

### DIMENSIONS



Net Weight:  
45W: 4.5393lb      65W: 4.8038lb      90W: 5.0287lb

## PHOTOMETRICS



## ACCESSORIES

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

## 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

<b>Fixture Type</b> <input type="text"/>	<b>Wattage</b> <input type="text"/>	<b>Voltage</b> <input type="text"/>	<b>CCT</b> <input type="text"/>	<b>Finish</b> <input type="text"/>	<b>Photocell</b> <input type="text"/>	<b>Internal Code</b> <input type="text"/>
<b>MDD05</b>	<b>45</b> 45W <b>65</b> 65W <b>90</b> 90W	<b>27V</b> 120-277V	<b>40K</b> 4000K <b>50K</b> 5000K	<b>SG</b> Silver Gray <b>D</b> Dark Bronze <b>B</b> Black <b>W</b> White	<b>P0</b> With 120-277V Photocell	<b>Blank</b> <b>Alphanumeric</b>