

L70
25°C

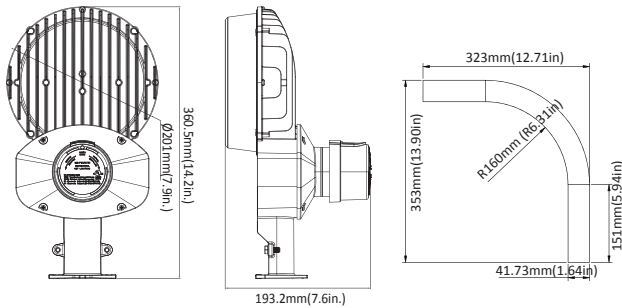
50,000 Hours



PRODUCT 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.

DIMENSIONS



Net Weight:

45W: 4.5393lb

65W: 4.8038lb

90W: 5.0287lb

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: 5000K
- Lifespan: Estimated >50,000 Hours

Construction

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

Electrical

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

Recommended Use

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

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.

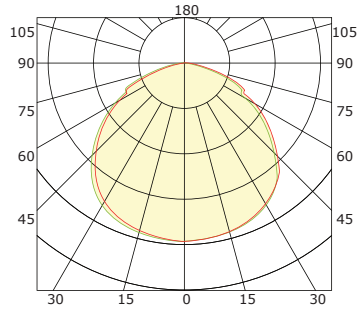
ORDERING INFORMATION

EXAMPLE: MDD05-45-27V-50K-SG-P0



Model	Wattage	Voltage	CCT	Finish	Photocell	Internal Code
MDD05	45 = 45W 65 = 65W 90 = 90W	27V = 120-277V	50K = 5000K	SG = Silver Gray D = Dark Bronze	P0 = With 120-277V Photocell	Blank = Alphanumeric

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 (5000K)	LPW (5000K)
45W	120-277V	70	6200lm	138 lm/W
65W	120-277V	70	8800lm	135 lm/W
90W	120-277V	70	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