

MDD

DUSK TO DAWN OUTDOOR LIGHT



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. 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.

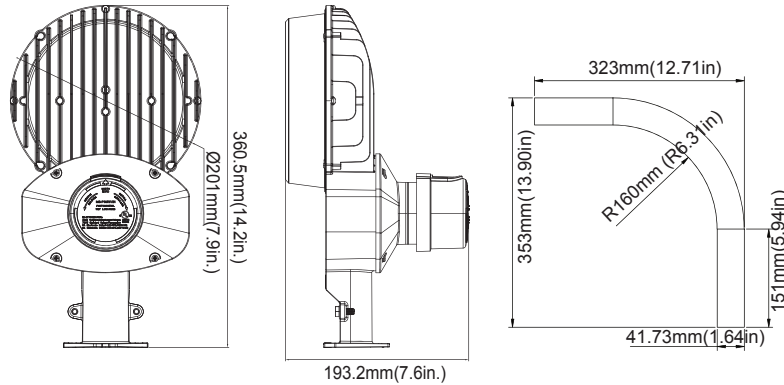
ELECTRICAL: Replaces up to 250W MH. CCT: Optional 4000K and 5000K. Lifespan: Estimated >50,000 Hours. Input Voltage: 120-277V

OTHER DETAILS: Power Factor: ≥ 0.9 . Total Harmonic Distortion: $\leq 20\%$. Operating Temperature Range: $-40^{\circ}\text{C} - +40^{\circ}\text{C}$ ($-40^{\circ}\text{F} - +104^{\circ}\text{F}$)

ORDERING INFORMATION. Example: MDD-45-M-40K-D-PO

SERIES	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL	INTERNAL CODE
MDD05	45 45W 65 65W 90 90W	M Multi-Volt (120-277VAC)	40K 4000K 50K 5000K	SG Silver Gray D Dark Bronze B Black W White	P0 With 120-277V Photocell	Blank Alphanumeric

**Standard with external emergency driver. All others are standard with internal emergency driver.*



Net Weight:

45W: 4.5393lb

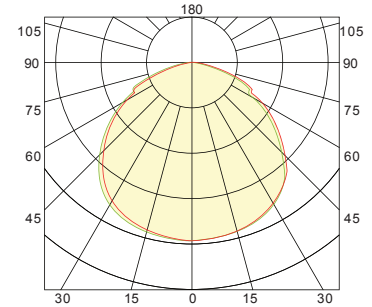
65W: 4.8038lb

90W: 5.0287lb

ACCESSORIES

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

PHOTOMETRICS



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