

DESCRIPTION

The EDD Series luminaires deliver classic dusk-to-dawn functionality with softened edges for a versatile, modern look that suits a wide range of applications. With adjustable wattage and color temperature, they easily adapt to your lighting requirements. Engineered for performance and efficiency, the EDD Series combines advanced LEDs with precision optics to provide exceptional illumination for local, collector, and major roadways—all while reducing energy consumption.

SPECIFICATION

Overview

- Initial Delivered Lumens: 2,700~12,800lm
- CRI: ≥ 70
- Mounting: Mounts directly to wall surface or to pole with mounting arm (accessory sold separately)
- Replaces up to 250W MH
- Light engines are available in CCT selectable, 3000K/4000K/5000K.
- Lifespan: Estimated >50,000 Hours

Construction

- Durable, die-cast aluminum housing silver gray polyester powder-coat finish.
- Dusk to Dawn photocell included

Electrical

- Input Voltage: 120-277V
- Power Factor: ≥ 0.9
- 4 selectable wattages
- Total Harmonic Distortion: $\leq 20\%$
- Operating Temperature: -40°F to 104°F

Listing

- UL Wet location Rated

Project		Date
Type		
Model		



ORDER INFORMATION

EXAMPLE: EDD-WS80-Y-CCTS-SV



Series	Wattage Selectable	Voltage	CCTS	Arm Mount	Finish
EDD Dusk to Dawn LED	WS80 80W / 64W / 48W / 32W	Y 120-277V	CCTS Selectable Color Temperature (3000K / 4000K / 5000K)	Blank None	SV Silver Gray
	WS65 65W / 52W / 39W / 26W			MRK Mounting Arm Kit	
	WS45 45W / 36W / 27W / 18W				

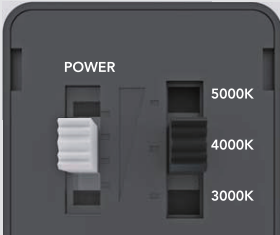
Enter configuration:

** Special Order

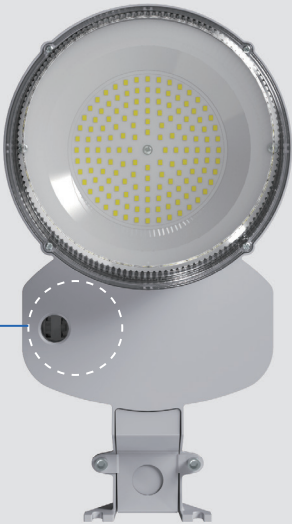
Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

CCT AND WATTAGE CONTROLLER

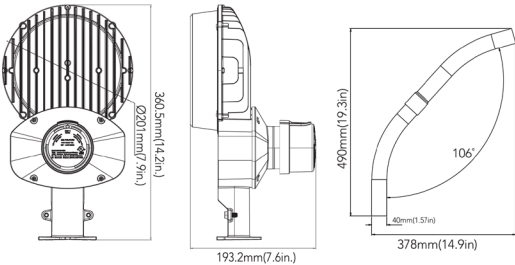
This fixture allows on-site adjustment of both wattage and color temperature.



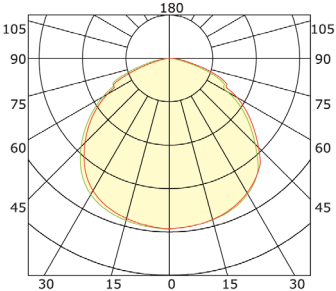
Wattage selectable: 100%, 80%, 60%, 40%
CCT selectable: 3000K, 4000K, 5000K



DIMENSIONS



PHOTOMETRICS



PERFORMANCE DATA

EDD WS45							
SETTING	WATTAGE	3000K (70CRI)		4000K (70CRI)		5000K (70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	45W	6,000lm	133 lm/W	6,600lm	147 lm/W	6,200lm	138 lm/W
80%	36W	5,000lm	139 lm/W	5,500lm	153 lm/W	5,100lm	142 lm/W
60%	27W	3,900lm	144 lm/W	4,200lm	156 lm/W	4,000lm	148 lm/W
40%	18W	2,700lm	150 lm/W	2,900lm	161 lm/W	2,800lm	156 lm/W

EDD WS65							
SETTING	WATTAGE	3000K (70CRI)		4000K (70CRI)		5000K (70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	65W	8,600lm	132 lm/W	9,500lm	146 lm/W	9,000lm	138 lm/W
80%	52W	7,200lm	138 lm/W	7,900lm	152 lm/W	7,400lm	142 lm/W
60%	39W	5,600lm	144 lm/W	6,100lm	156 lm/W	5,800lm	149 lm/W
40%	26W	3,900lm	150 lm/W	4,200lm	162 lm/W	4,000lm	154 lm/W

EDD WS80							
SETTING	WATTAGE	3000K (70CRI)		4000K (70CRI)		5000K (70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	80W	11,500lm	144 lm/W	12,800lm	160 lm/W	12,000lm	150 lm/W
80%	64W	9,500lm	148 lm/W	10,600lm	166 lm/W	9,900lm	155 lm/W
60%	48W	7,400lm	154 lm/W	8,200lm	171 lm/W	7,700lm	160 lm/W
40%	32W	5,100lm	159 lm/W	5,600lm	175 lm/W	5,300lm	166 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nom inal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	770	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	1130	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
1	1200	80	120	0.67
		80	208	0.38
		80	240	0.33
		80	277	0.29

ACCESSORIES

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