

# BOLLARD LIGHT MBL01



The Bollards is a stylish, energy-efficient, and durable lighting solution. It features a sturdy cast aluminum structure and is combined with corrosion-resistant powder-coated finishes and long-lasting LED lighting to provide years of maintenance-free service. It is ideal for illuminating building entryways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

## SPECIFICATION FEATURES

### Construction

- Strong and durable die -cast aluminum case.
- Round appearance for good decorative effect, sized in 3.5ft height.
- Robust ground cage pre-buried installation.
- 360 degrees surround illumination.

### Optics

- High performance UV stabilized optical grade polymer optic lenses to achieve target lumens and a superior lighting uniformity.
- Light engines are available in color tunable version, the CCT can be changed to three CCTs (3000K, 4000K, 5000K).
- Scalable Lumen Packages from 1,300 to 3,200 Lumens.

### Electrical

- Universal 120-277 VAC input voltage.
- Standard with 0-10V dimming allowing for 10% to 100% dimming.
- PF >90%, THD <20%.
- Operating Temperature Range: -40°C to 45°C (-40°F to 113°F).

Note: Operating with emergency battery temperature range: 5°C to 45°C (+41°F to 113°F).

### Controls

- Optional Emergency Battery.



### Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

### Warranty

- Five-year limited warranty.

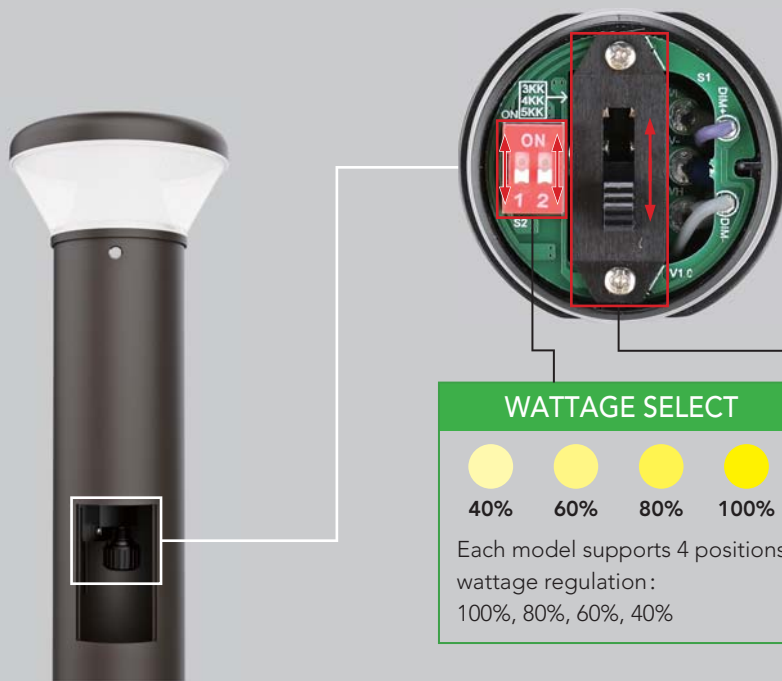
### Certifications

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

Note: Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### Note

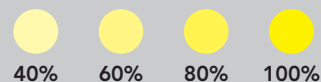
- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C ) specifications subject to change without notice.



### CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.

#### WATTAGE SELECT



Each model supports 4 positions wattage regulation:  
100%, 80%, 60%, 40%

#### CCT SELECT



Offer three CCT adjustable  
(3000K, 4000K, 5000K).



## PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	LUMENS 3000K(70CRI)	LPW 3000K(70CRI)	LUMENS 4000K(70CRI)	LPW 4000K(70CRI)	LUMENS 5000K(70CRI)	LPW 5000K(70CRI)
26W	120-277V	3000lm	115 lm/W	3200lm	123 lm/W	3050lm	117 lm/W

## ADJUSTABLE LUMEN OUTPUT TABLE

SWITCH SETTING	SETTING WATTS	CRI	LUMENS 3000K	LPW 3000K	LUMENS 4000K	LPW 4000K	LUMENS 5000K	LPW 5000K
100%	26W	70	3000lm	115lm/W	3200lm	123lm/W	3050lm	117lm/W
80%	21W	70	2500lm	119lm/W	2700lm	129lm/W	2500lm	119lm/W
60%	16W	70	1950lm	122lm/W	2100lm	131 lm/W	2000lm	125lm/W
40%	10W	70	1300lm	130lm/W	1400lm	140lm/W	1350lm	135lm/W

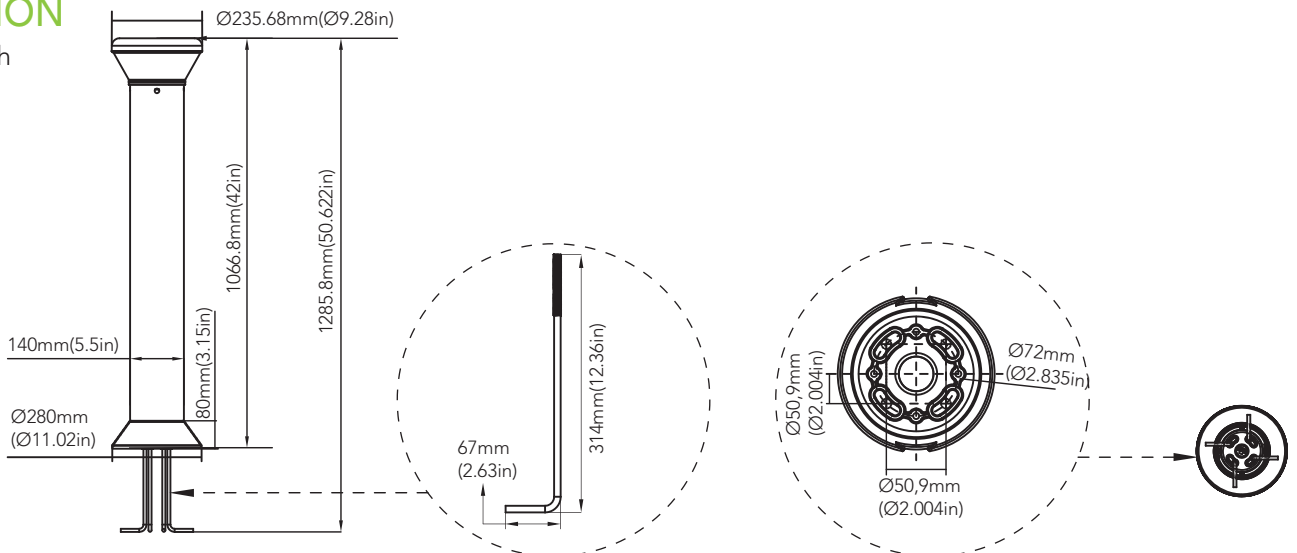
## ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	670	26	120	0.22
		26	208	0.13
		26	240	0.11
		26	277	0.09



## DIMENSION

unit: mm/inch

Net Weight:  
26W:12.136 lbs



## ACCESSORIES (Optional)

 <p><b>Emergency Battery Backup</b> NO. EB-8W/90min-1 USE: 900lm 90min</p>	 <p><b>Bollard base kit</b></p>
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ORDERING GUIDE <span style="float: right;">Example: MBL0126W27VDDKYYY</span>						
Fixture Type	Wattage	Voltage	CCT	Finish	Backup Battery (Option)	Internal Code
<input type="text"/> <b>MBL01</b> Bollard Light	<b>26</b> 26W	<b>27V</b> 120-277V	<b>DDK</b> Adjustable color temperature	<b>D</b> Dark Bronze <b>B</b> Black <b>W</b> White	<b>B</b> With Emergency Battery <b>Blank</b> Without Emergency Battery	<b>Blank</b> <b>Alphanumeric</b>

Note: CCT and Wattage adjustable.