

PROJECT
TYPE
CATALOG #

# 08-BOL-UFO

UFO HEAD BOLLARD LUMEN & KELVIN SELECTABLE

## HOUSING

- Premium powder-coat, aluminum, dark bronze or black housing.

## ELECTRICAL

- Operating temperature (ambient): -40°C to 60°C (-40°F to 140°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 4kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

## OPTICAL SYSTEM

- High-impact, Polycarbonate Lens.
- Field selectable 3000k(warm white), 4000k (neutral white) and 5000k (cool white) color temperatures\*.
- Tri-lumen selectable delivers 1,700 to 3,000 nominal lumens\*.
- Long-life LEDs provide 192,000 hours of operation with at least 70% of initial lumen output (L70),and 58,000 hours with at least 90% of initial lumen output (L90)\*\*.
- LED color maintenance < 0.00313 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Color rendering index > 70.

## MOUNTING

- Anchor Bolt mount kit (Order separately).

## CODE COMPLIANCE

- cULus listed for wet locations.
- Complies with FCC part 15, class A.
- IP65 rated for ingress protection.
- IK10 rated for impact protection.

## WARRANTY

- 5-year warranty on all electronics and housing.



Model	Size (inches) & Weight (lbs)			
	H (in)	W (in)	B (in)	Weight
08-BOL-UFO-302317L-3CCT	42.25	9.76	6.3	13.22



\* Default kelvin temperature 4000k and highest lumen output.  
\*\*L70 & L90 hours are IES TM-21-11 calculated hours.

## PRODUCT PARAMETERS

SERIES	NOMINAL LUMEN OUTPUT (Selectable)	KELVIN (Selectable)	HOUSING COLOR
08-BOL-UFO	302317L = 3,000 / 2,300 / 1,700 lm	3CCT 3K / 4K / 5K	Blank BLK Dark Bronze Black



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ACCESSORIES (order separately)

**Mounting**

08-BOL-R-MTGKIT = Round Bollard Anchor Bolt Mounting Kit

### COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W

### ELECTRICAL AND LUMEN DATA

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
08-BOL-UFO-302317L-3CCT	Lumens	1,725	1,770	1,784	2,316	2,385	2,373	2,927	3,019	2,992
	Watt	13.32	13.15	13.47	18.19	17.86	18.31	23.52	22.96	23.63
	Efficacy	130	135	132	127	134	130	124	131	127
	Input Current (A)	120V	0.11	0.11	0.11	0.15	0.15	0.15	0.20	0.19
240V		0.06	0.05	0.06	0.08	0.07	0.08	0.10	0.10	0.10
277V		0.05	0.05	0.05	0.07	0.06	0.07	0.08	0.08	0.09

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## PHOTOMETRIC DATA

### 08-BOL-UFO-302317L-3CCT

#### Luminaire Data

Description	BOLLARD (UFO) Highest power, 4K CCT
Total Lumens	3,019
Input Wattage	23
Efficacy (lm/W)	132
Max. Cd.	1189.1 (292.5H, 57V)
IES Classification	Type III
Longitudinal Classification	Short

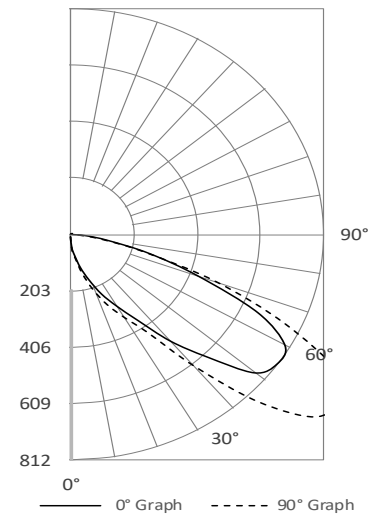
#### Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	165	5.5%
0-60°	1,886	62.5%
0-80°	2,947	97.6%
80-90°	53	1.7%
0-90°	3,000	99.3%
90-110°	9	0.3%
110-180°	0	0.0%
0-180°	3,019	100.0%

#### Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum	
FL	0-30	79	2.6%
FM	30-60	842	27.9%
FH	60-80	542	17.9%
FVH	80-90	27	0.9%
BL	0-30	86	2.9%
BM	30-60	878	29.1%
BH	60-80	519	17.2%
BVH	80-90	26	0.9%
UL	90-100	5	0.1%
UH	100-180	15	0.5%
<b>Total</b>		<b>3,020</b>	<b>100.0%</b>
BUG Rating			B2-U2-G2

#### 180° Polar Graph



## DIMENSIONAL DRAWINGS

