



Job Name: _____

Type: _____

Part #: _____

Notes: _____

LLBOLRD-3WS-3MCT

Dome Top Cone Reflector Bollard- Wattage and Color Temperature Field Selectable.

Construction:

- Cast aluminum housing, powder coat finish.
- High-impact, polycarbonate lens.

Finish: Dark Bronze (DBZ) or Black (BLK)

Dimensions: 44" Tall x 6" Diameter

Electrical Notes:

- Universal 120-277 AC voltage (50-60Hz) Standard
- Field selectable 30K, 40K, and 50K Color Temperatures
- Field Selectable Power Wattages: Low/Medium/High (13w/18w/23w)
- Provides a Range of 1,818 to 3,251 Nominal Lumens and 69 to 148 Nominal Lumens Per Watt (lm/w) *See Chart on Page 2*
- 0-10vdc Dimming Standard. *See your Lumencia Rep For Preferred Dimmers*
- (L₇₀) for > 163,000 Hours of Operation
- (L₉₀) for > 50,000 Hours of Operation
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80.
- Surge protection = 4kV.
- Ambient temperatures from -40°C to 55°C (-40°F to 131°F).

Mounting:

- Kit Sold Separately
- Designed for Easy Installation in New or Retrofit Applications

Certifications/Warranty:

- cULus Listed For Wet Locations
- IP65 Rated for Ingress Protection
- DLC Premium Approved
- Complies with FCC Part 15, Class A.
- 5 Year Limited Warranty



PART #	FINISH	MOUNTING KIT (Required)
LLBOLRD-3WS-3MCT	DBZ BLK	BOL-RMTGKIT Anchor bolt for round bollard



Job Name: _____

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Measurements	Low Lumens			Mid Lumens			High Lumens		
	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Lumens	1819	1818	1895	2512	2530	2614	3103	3249	3251
Watts	13	12	13	18	17	18	23	22	23
Efficacy	140	148	146	138	147	144	136	146	143
Input Current (A)	120V = 0.11A	120V = 0.10A	120V = 0.11A	120V = 0.15A	120V = 0.14A	120V = 0.15A	120V = 0.19A	120V = 0.18A	120V = 0.19A
	240V = 0.05A	240V = 0.05A	240V = 0.05A	240V = 0.08A	240V = 0.07A	240V = 0.08A	240V = 0.10A	240V = 0.09A	240V = 0.10A
	277V = 0.05A	277V = 0.04A	277V = 0.05A	277V = 0.06A	277V = 0.06A	277V = 0.06A	277V = 0.08A	277V = 0.08A	277V = 0.08A

PHOTOMETRIC DATA

Luminaire Data

Description	BOLLARD (ROUND DOME) 3L 5K - LKFS
Total Lumens	3,251
Input Wattage	23
Efficacy (lm/W)	143
Max. Cd.	765.57 (45H, 52V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	200	6.2%
0-60°	1,724	53.0%
0-80°	2,790	85.8%
80-90°	240	7.4%
0-90°	3,030	93.2%
90-110°	161	5.0%
110-180°	0	0.0%
0-180°	3,251	100.0%

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	96	3.0%
FM	30-60	756	23.3%
FH	60-80	539	16.6%
FVH	80-90	124	3.8%
BL	0-30	104	3.2%
BM	30-60	768	23.6%
BH	60-80	528	16.2%
BVH	80-90	116	3.6%
UL	90-100	110	3.4%
UH	100-180	111	3.4%
Total		3,251	100.0%
BUG Rating		B2-U3-G2	

Photometrics calculated at 5000k - high lumens setting

180° Polar Graph

