

Catalog #	Type	Type
Project		
Comments		Date
Prepared by		

WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F).
- IP65 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with ICE61000-4-5, input transient surge protection (line-neutral = 4kV; line-&neutral-ground = 6kV).
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- 5-year warranty of all electronics and housing.

FEATURES

*Contact factory for other color temperatures and lumen packages.
 **L70& L90hours are IES TM-21-11 calculated hours.

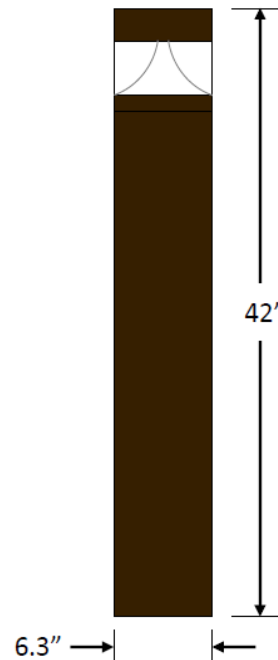


Certification Information

		4000K	5000K

FEATURES

- Available in 4000k (neutral white) and 5000 (cool white) color temperatures.*
- Long-life LEDs provide at least 70% of initial lumen output (L70) for >180,000hours of operation, and at least 90% of initial lumen output (L90) for >54,000 hours of operation.**
- LED chromaticity based on <5-step ANSI quadrangles.
- LED color maintenance <0.001 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- 2,700 nominal lumens.
- 21 nominal watts.
- 0-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index (Ra) > 80.Red color rendering of at least 15.
- Cast aluminum housing with dark bronze, powder coat finish.
- High-impact, polycarbonate lens.
- Easy installation in new construction or retrofit applications.



ORDERING INFORMATION

Model	Style	Nominal Lumen Output	Color Temperature	Required Mounting Means Order Separately
IL- BOL	R - Round	2,700 lm	4K-4000k	BOL-R-MTGKIT
	S - Square		5K-5000k	BOL-S-MTGKIT
				Anchor bolt for round bollard Anchor bolt for square bollard

ELECTRICAL DATA

Model	CCT	CRI1	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage2	Input Current (A)			Power Factor	THD3	L70Hours4
							120V	240V	277V			
IL-BOL-R-27L-4K	4000k	> 80	2,772	22	129	120-277	0.18	0.09	0.08	> 90%	< 20%	180,000
IL-BOL-R-27L-5K	5000k	> 80	2,785	21	130	120-277	0.18	0.09	0.08	> 90%	< 20%	180,000
IL-BOL-S-27L-4K	4000k	> 80	2,739	22	126	120-277	0.18	0.09	0.08	> 90%	< 20%	180,000
IL-BOL-S-27L-5K	5000k	> 80	2,756	21	130	120-277	0.18	0.09	0.08	> 90%	< 20%	180,000

PHOTOMETRIC DATA

IL-BOL-R-27L-5K

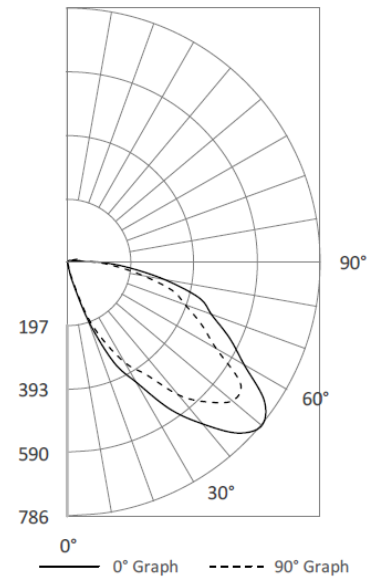
Luminaire Data

Description	BOLLARD (ROUND) 27L, 5K
Total Lumens	2,796
Input Wattage	21
Efficacy (lm/W)	131
Max. Cd.	827.74 (45H, 54V)
IES Classification	Type IV
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	85	3.1%
FM	30-60	749	26.8%
FH	60-80	463	16.6%
FVH	80-90	104	3.7%
BL	0-30	71	2.5%
BM	30-60	679	24.3%
BH	60-80	438	15.7%
BVH	80-90	98	3.5%
UL	90-100	49	1.7%
UH	100-180	61	2.2%
Total		2,796	100.0%
BUG Rating		B1-U3-G2	

180° Polar Graph



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	157	5.6%
0-60°	1,584	56.7%
0-80°	2,485	88.9%
80-90°	202	7.2%
0-90°	2,687	96.1%
90-110°	77	2.7%
110-180°	0	0.0%
0-180°	2,796	100.0%

PHOTOMETRIC DATA

IL-BOL-S-27L-5K

Luminaire Data

Description	BOLLARD (SQUARE) 27L, 5K
Total Lumens	2,760
Input Wattage	21
Efficacy (lm/W)	130
Max. Cd.	757.38 (90H, 51V)
IES Classification	Type VS

Longitudinal Classification Short

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-30°	153	5.5%
0-60°	1,525	55.2%
0-80°	2,465	89.3%
80-90°	167	6.1%
0-90°	2,632	95.4%
90-110°	90	3.3%
110-180°	0	0.0%
0-180°	2,760	100.0%
0-180°	2,760	100.0%

Luminaire Classification Systems (LCS)

LCS Zone	Lumens	%Lum
FL 0-30	84	3.0%
FM 30-60	695	25.2%
FH 60-80	463	16.8%
FVH 80-90	79	2.9%
BL 0-30	69	2.5%
BM 30-60	676	24.5%
BH 60-80	477	17.3%
BVH 80-90	88	3.2%
UL 90-100	63	2.3%
UH 100-180	65	2.4%
Total	2,760	100.0%
BUG Rating	B1-U3-G1	

180° **Polar Graph**

