

PROJECT	NOTES	TYPE	DATE	CAT. No.
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# BLS

## Square LED Bollard

The BLS Series provides a corrosion free housing, suitable for outdoor low mounting applications such as walkways, and parks. Includes the option to change kelvin temperatures as well as wattage to ensure the best lighting ambiance.



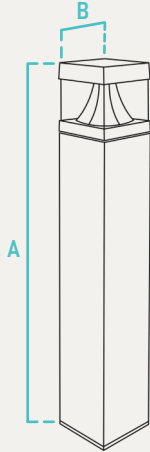
INPUT VOLTAGE	120-277V
INPUT FREQUENCY	50/60 Hz
RATED WATTAGE	See Performance Table
DELIVERED LUMENS	See Performance Table
EFFICACY	>120 LPW (typ.)
CRI	80CRI
AVAILABLE CCT	3000K, 4000K, 5000K
LENS TYPE	PC

RATED LIFE	5yrs (Based on 3hrs a Day)
L70	>72,000 Hours
POWER FACTOR	0.99
THD	20%
DIMMING	0-10V Dimming
OPERATING TEMP.	N/A
BEAM ANGLE	150°

### ORDER INFO / EXAMPLE: BLS-AW-MV-MCT

QUICK SHIP ITEMS ON PG.2

SERIES	RATED WATTAGE	DRIVER TYPE	COLOR TEMP	COLOR FINISH
PTL	AWL	MV	MCT	
<b>BLS</b> Square LED Bollard	<b>AWL</b> - 14W, 19W, 24W (1680 Lumens, 2280 Lumens, 2880 Lumens)	<b>MV</b> - 120-277V; 0-10V Dimming	<b>MCT</b> - 3000K, 4000K, 5000K CCT Selectable; 80CRI	<b>Blank</b> - Bronze <b>BL</b> - Black



	A	B	Case QTY
BLS	42.05" H	6.3" Dia	2

### CONSTRUCTION

Rugged die cast aluminum housing withstands outdoor environments. Outer surface treated with durable bronze power coating to provide resistant to corrosion, rust, weathering, and or degradation. Performance engineered internal heat dissipation fins provide superior thermal management for lens life and reliability.

### ELECTRICAL

Equipped standard with fixed output, 120-277V driver operating at 60Hz. Long Life LED's, at L80 with projected life over 60,000 hours for reduced life cycle maintenance costs. Adjustable CCT at 3000K, 4000K, 5000K. Includes a 3-level switch to simply adjust lumen output. 10,000V surge protection is standard.

### QUALIFICATIONS

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Wet location labeling is standard. Adheres to LM70, LM80, and TM21 industry standards. IP65 rated.

### INSTALLATION

Base mounts onto foundation with three (3) 1/2" x 12 1/2" anchor bolts. Bollard housing is secured to the base with flathead, counter-sunk screws for smooth, uncluttered appearance

### WARRANTY

5-year Limited Warranty. See warranty documentation for more info.

### PERFORMANCE DATA

FORM FACTOR	KELVIN	RATED WATTAGE	DELIVERED LUMENS	EFFICACY (LM/W)
55W	3K/4K/5K	AWL	7700	120

### QUICK SHIP

BLS-AW-MV-MCT

### ADDITIONAL IMAGES



Made to order items. Minimum 90 day lead time.

Minimum order quantity may vary please contact sales.

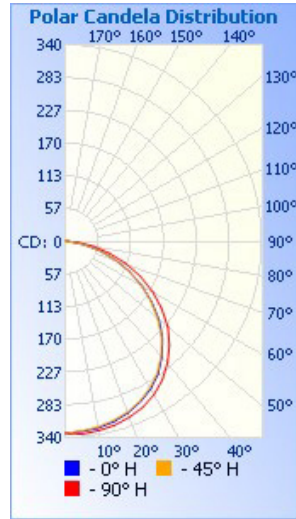
<sup>1</sup> DLC Listed / <sup>2</sup> DLC Premium Listed / <sup>3</sup> Title 24 / <sup>4</sup> JA8 & Title 24

Typical color consistency. May vary or be changed. L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact GlobaLux for detailed information.

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.

## PHOTOMETRIC DATA

BLS



### Zonal Lumen Summary

□□	C0	C45	C90	C135	C180	C225	C270	C315	□□□	□ zone	□ total	%lum.lamp
10	4.003	4.233	3.695	4.333	3.826	3.566	3.426	3.806	0- 10	0.213	0.213	0.01,0.01
20	159.9	67.67	149.8	52.83	125.6	24.15	116	50.21	10- 20	10.04	10.25	0.37,0.37
30	392.8	400.3	394.8	375.3	381.3	337.2	369.9	362.5	20- 30	111	121.3	4.37,4.37
40	592.5	563.4	537.4	588.2	517.9	572.6	498.6	570.7	30- 40	277.9	399.2	14.4,14.4
50	754.3	713.1	689.9	719.2	724.9	690.7	748.5	716.5	40- 50	492.6	891.8	32.2,32.2
60	661.1	658.7	596.4	698.6	625.9	664.8	679.5	699.2	50- 60	633.3	1525	55,55
70	442.7	451.8	397.2	483.2	412.7	444.6	465.8	498.5	60- 70	541.6	2087	74.5,74.5
80	248.7	265.3	227.6	285.6	198.5	280	272.9	299.4	70- 80	376.7	2443	88.1,88.1
90	93.33	102.4	84.31	99.18	88.99	98.87	100.2	110.8	80- 90	187.3	2831	94.8,94.8
100	32.55	40.31	30.55	41.51	30.34	39.77	33.27	42.7	90-100	66.75	2697	97.2,97.2
110	19.98	23.47	18.61	23.79	19.1	24.79	20.87	26.97	100-110	32.77	2730	98.4,98.4
120	11.73	12.81	11.13	13.3	11.65	12.79	11.87	13.72	110-120	16.48	2747	99.99
130	10.23	11.72	9.771	11.85	10.17	11.79	10.37	12.57	120-130	10.44	2757	99.4,99.4
140	8.544	9.12	7.893	8.75	8.802	9.506	8.893	10.18	130-140	7.833	2765	99.7,99.7
150	6.84	6.241	6.633	5.878	6.274	6.643	7.045	6.664	140-150	4.96	2770	99.9,99.9
160	4.309	4.968	3.938	4.064	4.291	4.722	4.276	5.208	150-160	2.594	2772	100,100
170	2.415	2.653	2.401	2.592	2.484	2.602	2.602	3.205	160-170	1.075	2774	100,100
180	0.5181	0.5148	0.5033	0.5426	0.5477	0.5603	0.5477	0.4961	170-180	0.1794	2774	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

### Coefficients Of Utilization - Zonal Cavity Method



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