SL07B Bollard Path Light

Product Features

- Solid brass construction and sleek design
- Single source LED chip for greater lux control
- Provides 16' spread of light
- Design complies with IDA guidelines for dark sky preservation
- All components are threaded together, never tack welded, for additional strength
- Hefty 1.5" diameter stem to prevent leaning after installation

ETL (c Listed us) Intertek 5003824 | UL1838 | IP65

Specifications

Fixture Type: Dedicated Low Voltage LED

Color Temperature: 2700K / 3000K

Material: Marine-Grade, Virgin Brass with a UV Coating

Finish: Antique Bronze

Wattage: 5W

Lumen Output: 210 lm

Operating Voltage: 9V - 15V AC

Light Source: CREE LED

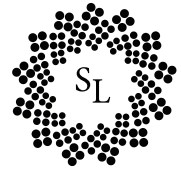**Lens:** Frosted Diffuser Lens

Color Rendering Index: 92+

TM-30 Rf: 85.6

TM-30 Rg: 99.1

Wire Lead: 10' 18AWG

Mounting: 9" ABS Plastic Stake (included)

Listing: ETL

Standard: UL 1838

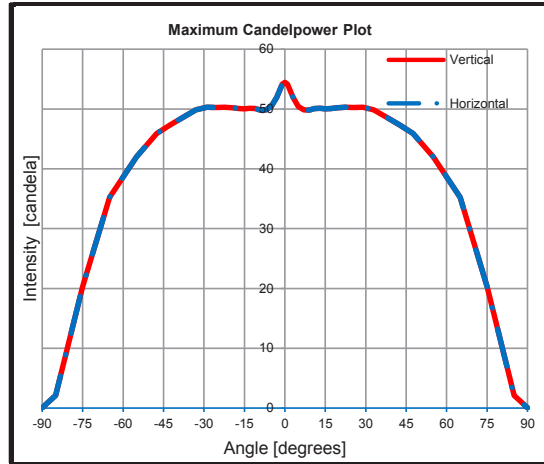**Rating:** IP65

Product Drawings
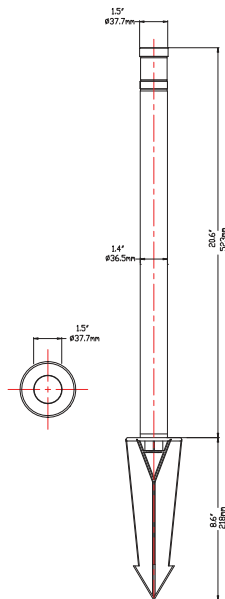
Sterling Lighting LLC
SL07B Bollard Path Light

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	14.00 VAC	0.5923 A	5.077 W	0.612	60 Hz	125 %

Summary of Results

Integrating Sphere

Total Lumen Output	203.8 lm
Luminaire Efficacy	40.2 lm/w
CCT	3077 K
CRI	86.6
Duv	-0.0005
TM-30 Rf	85.6
TM-30 Rg	99.1

Goniophotometer

Maximum Candela	54 cd
Location of Max	0 H 0 V
Total Lumen Output	206 lm
Field Lumens	205 lm
Beam Lumens	186 lm
Spill Light Lumens	1 lm
Field Angle	166.3 H X 166.3 V
Beam Angle	140.7 H X 140.7 V
IESNA Type	7 H X 7 V
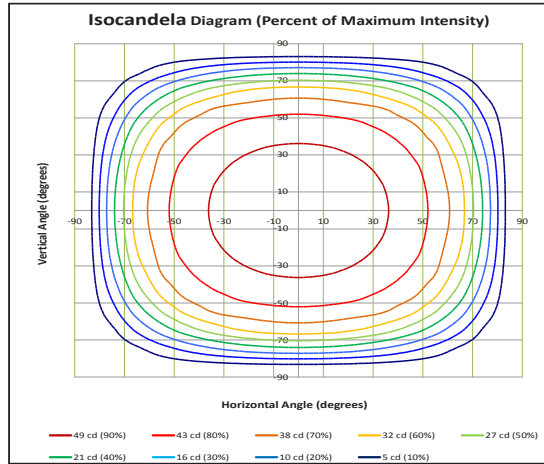
Color Rendering Index Details

Ra (CRI)	86.6
R1	85.6
R2	92.0
R3	97.1
R4	86.4
R5	85.8
R6	90.4
R7	86.8
R8	68.4
R9	26.9
R10	81.7
R11	87.1
R12	76.0
R13	87.1
R14	98.4
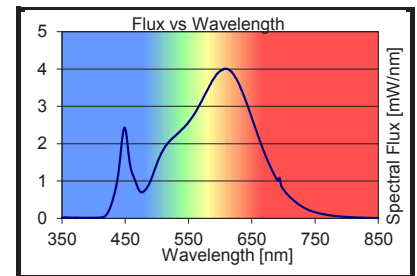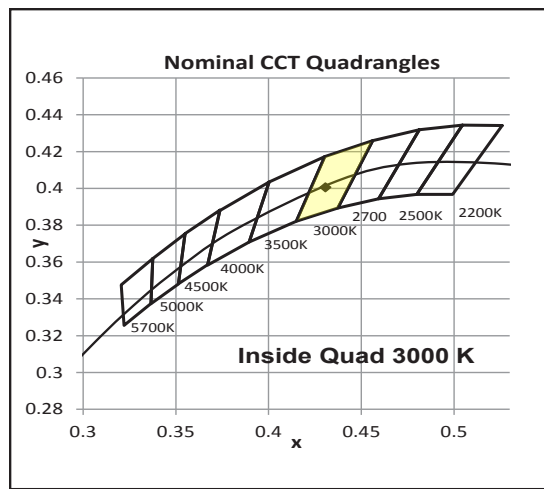
Chromaticity Coordinates

Chromaticity (x)	0.4307
Chromaticity (y)	0.4006
Chromaticity (u)	0.2480
Chromaticity (v)	0.3461
Chromaticity (u')	0.2480
Chromaticity (v')	0.5191
Duv	-0.0005

Maximum Candelpower Plot

Isocandela Diagram (Percent of Maximum Intensity)

49 cd (90%)	43 cd (80%)	38 cd (70%) 32 cd (60%) 27 cd (50%)
21 cd (40%)	16 cd (30%)	10 cd (20%) 5 cd (10%)

Nominal CCT Quadrangles

Inside Quad 3000 K

Intensity (Candlepower) Summary

Angle	Vertical	Horizontal
-85	2	2
-75	20	20
-65	35	35
-55	42	42
-48	46	46
-43	47	47
-38	49	49
-33	50	50
-29	50	50
-26	50	50
-23	50	50
-20	50	50
-17	50	50
-15	50	50
-13	50	50
-11	50	50
-9	50	50
-7	50	50
-5	50	50
-3	52	52
0	54	54
3	52	52
5	50	50
7	50	50
9	50	50
11	50	50
13	50	50
15	50	50
17	50	50
20	50	50
23	50	50
26	50	50
29	50	50
33	50	50
38	49	49
43	47	47
48	46	46
55	42	42
65	35	35
75	20	20
85	2	2

Flux vs Wavelength

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12305664.04

STERLING ⚛ LIGHTING

116 Maplewood St, Danville, VA 24540 • 1-703-991-4773 • Sterling-Lighting.com