SL01 UP LIGHT

FEATURES AND SPECIFICATIONS SHEET FOR THE SL01

FIXTURE: DEDICATED LED UP LIGHT		
NAME: SL01	TYPE: DEDICATED LOW VOLTAGE LED	WEIGHT: 5.5LBS
BEAM SPREAD: 15° 25° 40° 60° 80°	OPERATING VOLTAGE: 9V - 15V AC	WATTAGE: 3W(MIN) - 12.8W(MAX)
COLOR TEMP: 2700K/3000K/5000K	WIRE LEAD: 10' 18AWG	LUMEN OUTPUT: 240LM - 730LM

INTENDED USE

The SL01 Up Light is our signature fixture. We designed this light to be sleek, versatile and compact. It's the ideal fixture for illuminating walls, flags, trees, architectural POI's, inset corners, and more. With a seamless locking design at its base, adjustable lumen output, and removeable optics, you're sure to get the right look for every project with this fixture.

CONSTRUCTION

The exterior casing is crafted from marine-grade, virgin brass with a beautiful antique finish. The lens is made of borosilicate convex glass with a premium grade sealant. Dual plugs prevent insect penetration.

ELECTRICAL SYSTEM

All electronic drivers comply with US and Canadian electrical codes.
Adjustable lumen options: 730 lm, 650 lm, 520 lm, 440 lm, 340 lm, and 240 lm.

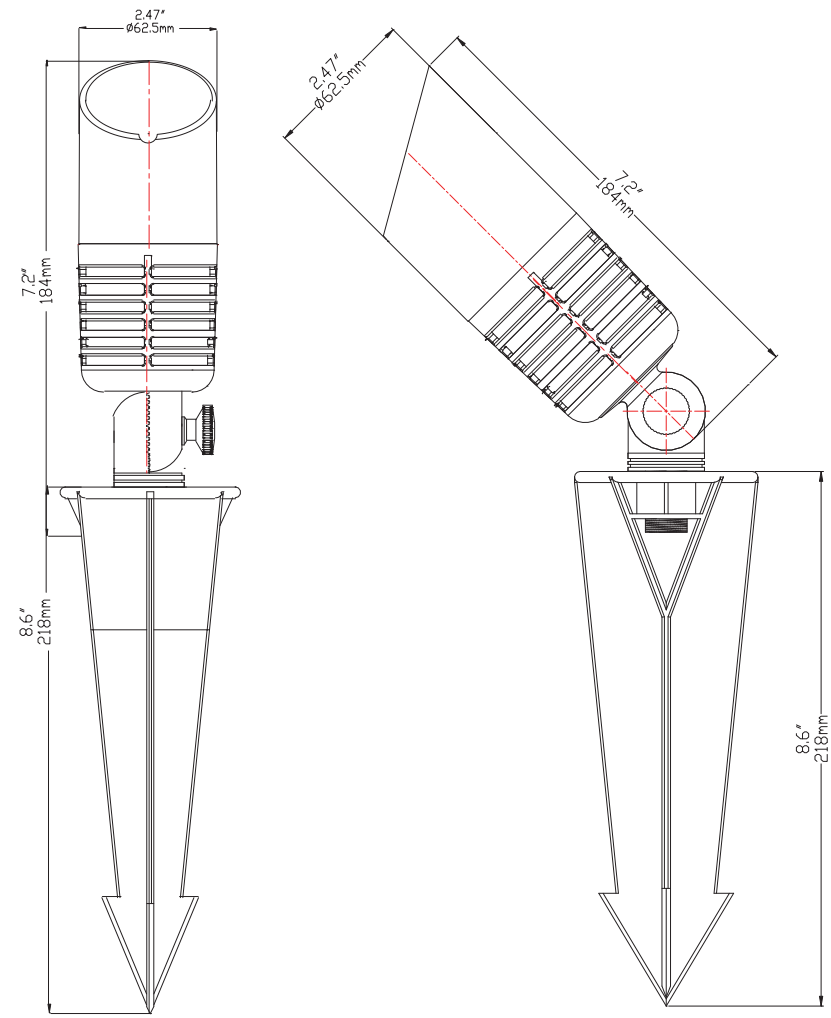
Easy replacement of driver or LED cup if service is needed. Removable optics are available in 15°, 25°, 40° (standard), and 60°. Without an optic, the beam spread is 80°.

LISTING

ETL 5003824, UL1838, RoHS rated.

Note: Adjustable lumen output and beam spread.

SL01 ADJUSTABLE LUMEN INSTRUCTIONS (PINS ON DRIVER)	
NO PINS UP: 730 LUMENS (MAX)	1, 2 & 3 PINS UP: 440 LUMENS
1 PIN UP: 650 LUMENS	1, 2, 3 & 4 PINS UP: 340 LUMENS
1 & 2 PINS UP: 520 LUMENS	1, 2, 3, 4 & 5 PINS UP: 240 LUMENS (MIN)



Sterling Lighting LLC
SL01 Up Light

Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.3 °C	14.94 VAC	0.9978 A	10.34 W	0.694	60 Hz	93.4 %

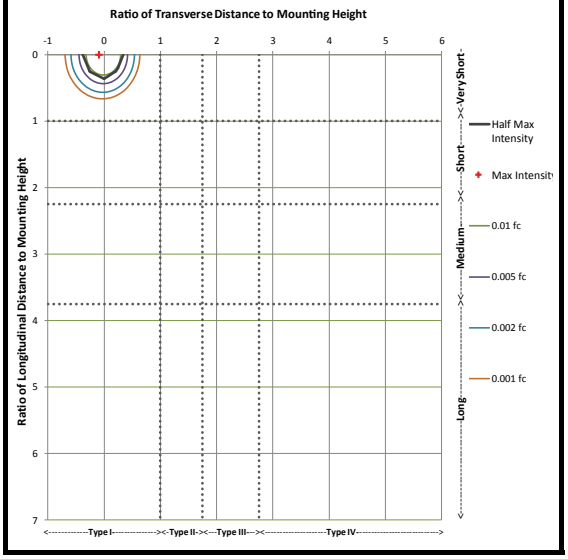
Summary of Results	
Total Lumen Output	724.1 Lumens
Luminaire Efficacy	69.2 lm/w
Maximum Candela	8 Candela
IES Roadway Classification	Type I, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U4 G0
CCT	3108 K
CRI	92.6
Duv	0.0005
TM-30 Rf	91.0
TM-30 Rg	98.0

Luminaire Classification System (LCS)			
LCS	Zone	Lumens	%
FL	(0-30)	2	0%
FM	(30-60)	0	0%
FH	(60-80)	0	0%
FVH	(80-90)	0	0%
BL	(0-30)	2	0%
BM	(30-60)	0	0%
BH	(60-80)	0	0%
BVH	(80-90)	0	0%
UL	(90-100)	1	0%
UH	(100-180)	734	99%

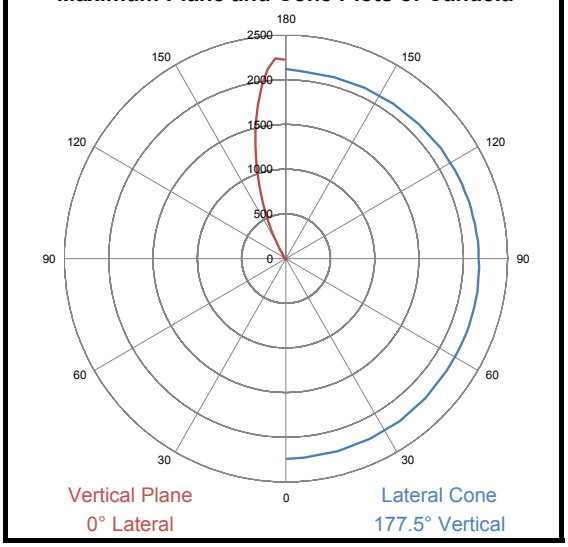
Color Rendering Index Details	
Ra (CRI)	92.6
R1	92.7
R2	96.9
R3	98.7
R4	91.7
R5	92.3
R6	96.0
R7	91.4
R8	80.9
R9	57.4
R10	91.8
R11	92.3
R12	81.8
R13	94
R14	99.3

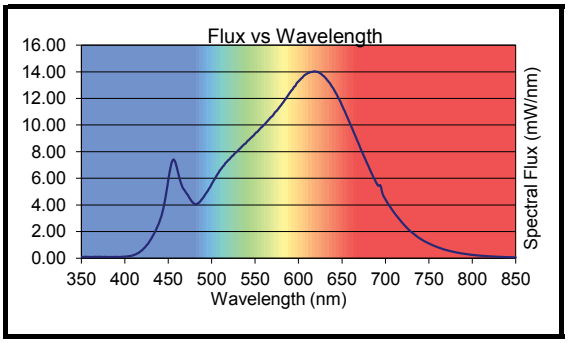
Chromaticity Coordinates	
Chromaticity (x)	0.4293
Chromaticity (y)	0.4014
Chromaticity (u)	0.2468
Chromaticity (v)	0.3461
Chromaticity (u')	0.2468
Chromaticity (v')	0.5192

ISO FootCandle Plot at 20 Feet

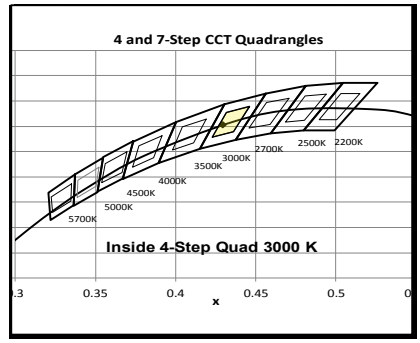


Maximum Plane and Cone Plots of Candela





Intensity Through Maximum Plane (Candlepower)		
Angle	Candlepower	Lumens
0	7	
5	7	1
10	7	
15	5	1
20	3	
25	2	1
30	1	
35	0	0
40	0	
45	0	0
50	0	
55	0	0
60	0	
65	0	0
70	0	
75	0	0
80	0	
85	3	0
90	4	
95	4	1
100	5	
105	7	2
110	10	
115	10	3
120	13	
125	20	6
130	32	
135	50	14
140	58	
145	77	35
150	198	
155	482	170
160	858	
165	1301	321
170	1743	
175	2133	184
180	2224	



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13330035.01

WHY THE SL01 OUTSHINES THE COMPETITION

- Constructed of marine-grade virgin brass. Feel, see, experience the difference!
- Includes standard 10' wire lead to minimize the length of connection needed, simplifying installations.
- Constructed with high quality CREE LED chips. CREE is the leading LED source provider in the world.
- Control multiple light intensities ranging from 240 lumens to 730 lumens.
- Change your optimal beam spread with removable drop in optics. Available in 15˚, 25˚, 40˚, 60˚, and 80˚.
- Smarter design including adjustable knuckle with a hex through-bolt and soldered, heat shrunk connections housed inside the fixture.
- Domed convex borosilicate glass lens to prevent water from collecting on the lens.
- Ongoing research and development, staying a step ahead of the competition.

STERLING SL LIGHTING

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