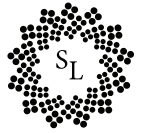


# SL09 UNDERWATER LIGHT

# FEATURES AND SPECIFICATIONS SHEET FOR THE SL09



FIXTURE: DEDICATED LED UNDERWATER LIGHT		
NAME: SL09	TYPE: DEDICATED LOW VOLTAGE LED	WEIGHT: 3LBS
LIGHT SPREAD: 12FT	OPERATING VOLTAGE: 9V -15V AC	WATTAGE: 5W
COLOR TEMP: 3000K	WIRE LEAD: 18' 18AWG	LUMEN OUTPUT: 450LM

## INTENDED USE

The ultimate underwater light for landscape lighting professionals to illuminate ponds, fountains, waterfalls, and other waterscapes. Its compact size and 18' wire lead makes this light an incredibly versatile fixture. The SL09 achieves a modern look with its 316 stainless steel base and crystal-clear lens. Create ambience and bring water features to life with this sleek and powerful light.

## CONSTRUCTION

The outside of the fixture is made of premium-grade, 316 stainless steel, which ensures durability, even in coastal areas with high concentrations of saline. It is completely sealed to keep water out, and its heavy base is removable for easy installation in rocks. Its crystal clear, premium-grade acrylic lens helps it to disappear in the water.

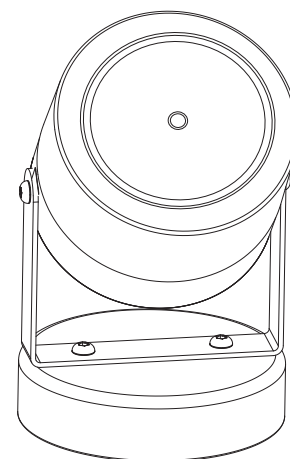
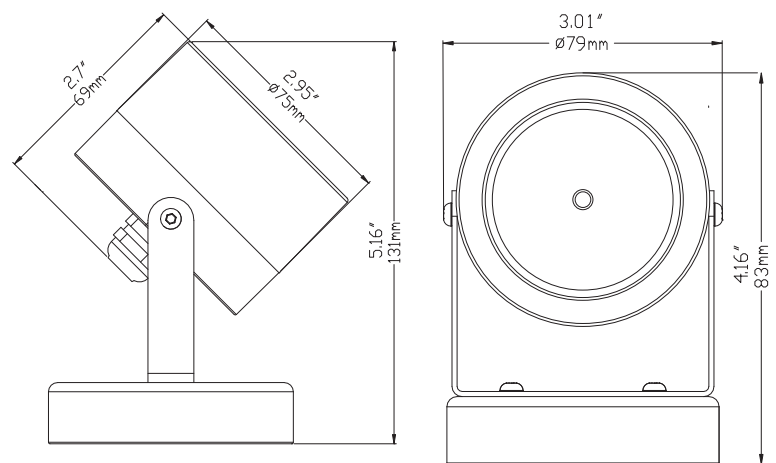
## ELECTRICAL SYSTEM

All electronic drivers comply with US and Canadian electrical codes.

## LISTING

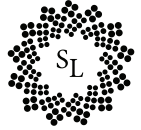
UL 676, IP68 rated.

Note: If possible, connections should remain out of water. If not, use an underwater connector.



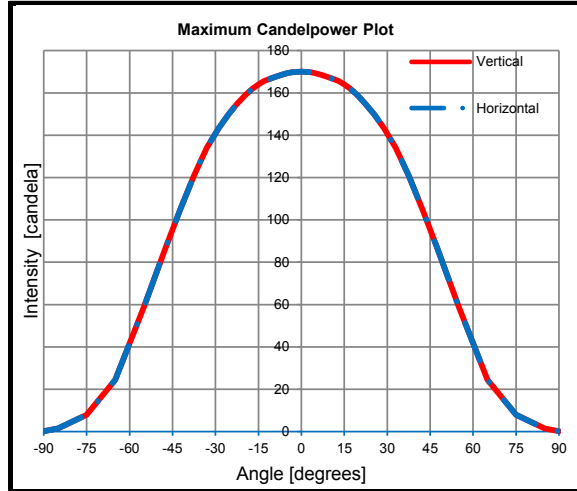


# Sterling Lighting LLC SL09 Underwater Light



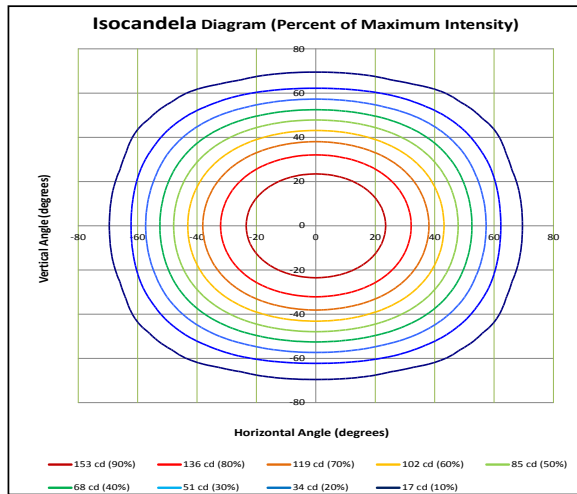
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	13.99 VAC	0.5443 A	4.591 W	0.603	60 Hz	124 %

Summary of Results	
<b>Integrating Sphere</b>	
Total Lumen Output	386.3 lm
Luminaire Efficacy	84.2 lm/w
CCT	2958 K
CRI	83.3
Duv	-0.0013
TM-30 Rf	82.9
TM-30 Rg	95.9

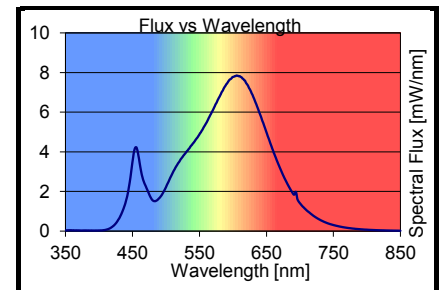
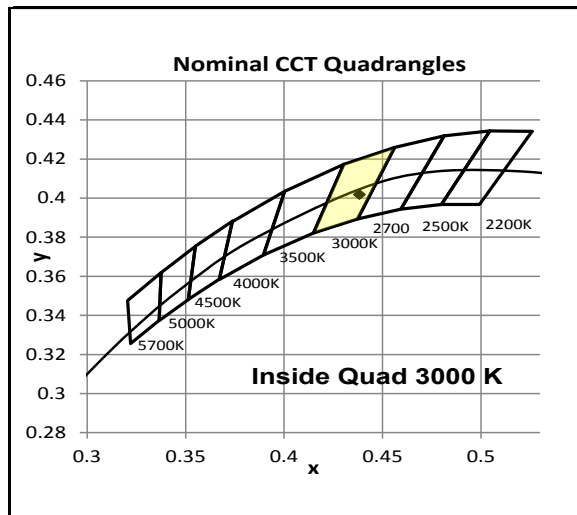


Intensity (Candelpower) Summary		
Angle	Vertical	Horizontal
-85	1	1
-75	8	8
-65	25	25
-55	59	59
-48	86	86
-43	104	104
-38	121	121
-33	134	134
-29	143	143
-26	150	150
-23	155	155
-20	159	159
-17	162	162
-15	164	164
-13	166	166
-11	167	167
-9	168	168
-7	168	168
-5	169	169
-3	170	170
0	170	170
3	170	170
5	169	169
7	168	168
9	168	168
11	167	167
13	166	166
15	164	164
17	162	162
20	159	159
23	155	155
26	150	150
29	143	143
33	134	134
38	121	121
43	104	104
48	86	86
55	59	59
65	25	25
75	8	8
85	1	1

Goniophotometer	
Maximum Candela	170 cd
Location of Max	0 H 0 V
Total Lumen Output	375 lm
Field Lumens	363 lm
Beam Lumens	272 lm
Spill Light Lumens	12 lm
Field Angle	139.1 H X 139.1 V
Beam Angle	95.8 H X 95.8 V
IESNA Type	7 H X 7 V



Color Rendering Index Details	
Ra (CRI)	83.3
R1	82.1
R2	91.6
R3	96.5
R4	80.4
R5	81.7
R6	89.1
R7	83.6
R8	61.8
R9	14.7
R10	79.8
R11	78.7
R12	70.3
R13	84.4
R14	98.7

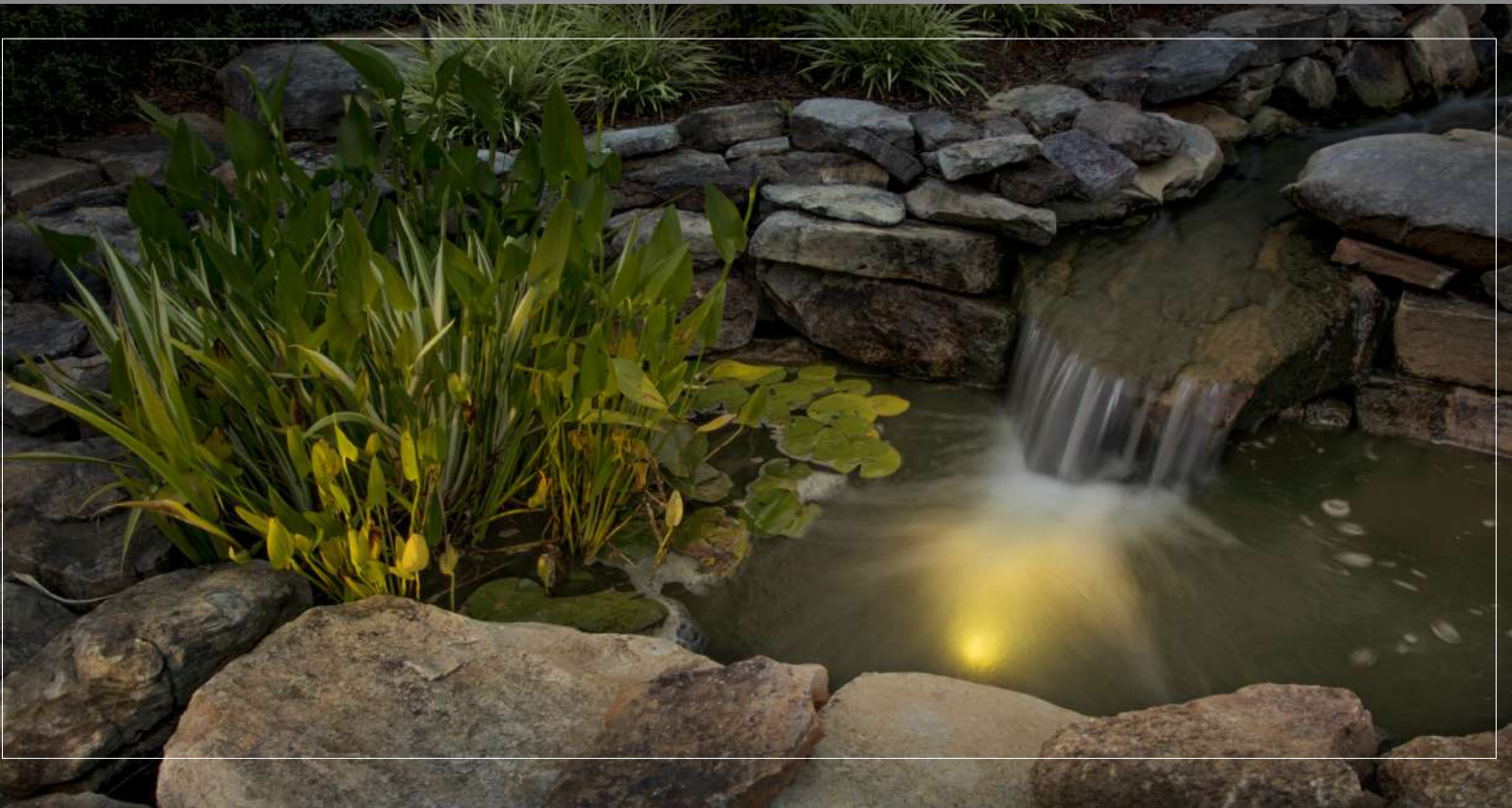


Chromaticity Coordinates	
Chromaticity (x)	0.4382
Chromaticity (y)	0.4018
Chromaticity (u)	0.2524
Chromaticity (v)	0.3471
Chromaticity (u')	0.2524
Chromaticity (v')	0.5207
Duv	-0.0013

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12305664.05



# WHY THE SL09 OUTSHINES THE COMPETITION



- Constructed of premium-grade, 316 stainless steel. Feel, see, experience the difference!
- Includes standard 18' 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.
- This quality fixture weighs 3lbs.
- Classic design that blends into any waterscape providing a 12' spread of light.
- Smarter design that allows the entire fixture to stay sealed underwater.
- Its heavy base is removable for easy installation in rocks.
- Ongoing research and development, staying a step ahead of the competition.