



Lighting Systems Inc. | Systèmes d'éclairage Inc.

**Filename:** RSR-1LS380-W-BB-30K-S

**Manufacturer:** STANPRO LIGHTING SYSTEMS

**Luminaire:** RSR-1LS380-W-BB/30K/S

**Luminaire Cat:** RSR-1LS380-W-BB/30K/S

**Lamp:** (CLU028-1201C4-303M2K1) White 23W SSL c/w Hatch Driver XTC-0700P-UNV-1 @ 120.00V

**Lamp Output:** Total luminaire Lumens: 2162.9

**Max Candela:** 9,791.0 at Horizontal: 0°, Vertical: 0.5°

**Input Wattage:** 22.91

**Luminous Opening:** Circular (Dia: 1.75")

**Test:** S1604124-R1

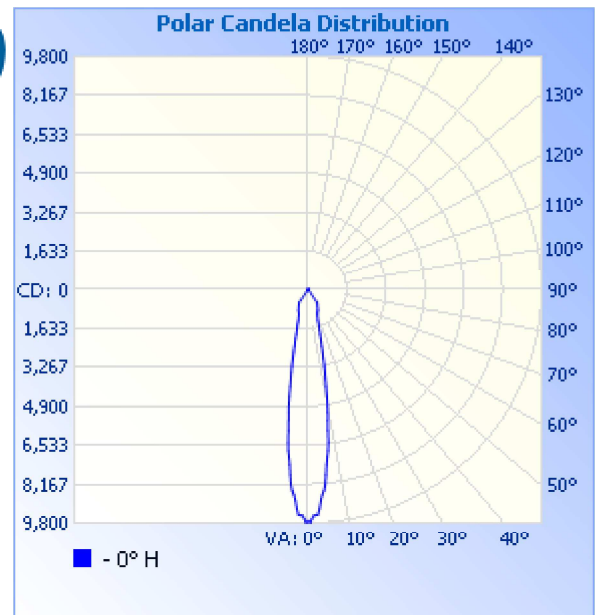
**Test Lab:** Spectra Lux Industries Inc.

**Photometry :** Type C

**CIE Class:** Direct

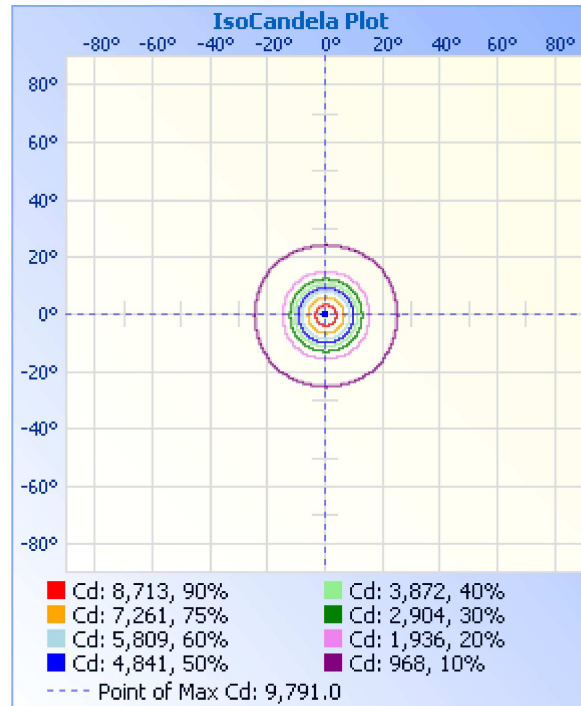
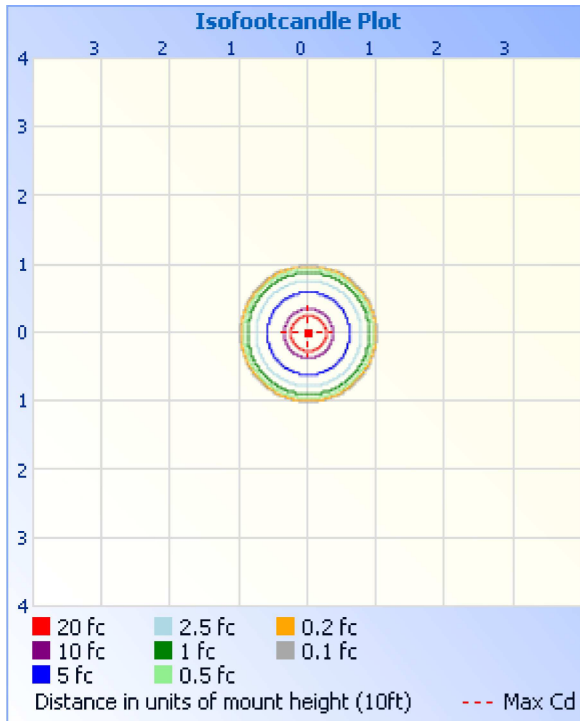
**Cutoff Class:** n/a

**Nema Type:** 4 X 4



#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,700.9	78.6%
0-40	2,120.5	98%
0-60	2,136.5	98.8%
60-90	5.5	0.3%
70-100	5.7	0.3%
90-120	6.3	0.3%
0-90	2,142.0	99%
90-180	20.9	1%
0-180	2,162.9	100%



Illuminance at a Distance		
	Center Beam fc	Beam Width
1.7ft	<b>3,350 fc</b>	<b>0.6 ft</b>
3.3ft	<b>889 fc</b>	<b>1.1 ft</b>
5.0ft	<b>387 fc</b>	<b>1.7 ft</b>
6.7ft	<b>216 fc</b>	<b>2.3 ft</b>
8.3ft	<b>141 fc</b>	<b>2.8 ft</b>
10.0ft	<b>96.8 fc</b>	<b>3.4 ft</b>
■ Beam Spread: 19.2°		

## Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1	1.14	1.12	1.10	1.08	1.12	1.10	1.08	.95	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2	1.10	1.05	1.02	.99	1.07	1.04	1.01	.90	1.00	.98	.96	.97	.95	.94	.94	.93	.91	.90
3	1.05	1.00	.96	.92	1.03	.98	.95	.86	.96	.93	.90	.93	.91	.88	.91	.89	.87	.86
4	1.01	.95	.90	.87	.99	.94	.89	.82	.91	.88	.85	.89	.86	.84	.88	.85	.83	.82
5	.97	.90	.85	.82	.96	.89	.85	.79	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
6	.94	.86	.81	.78	.92	.85	.81	.75	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75
7	.90	.83	.78	.74	.89	.82	.77	.72	.81	.76	.73	.79	.76	.73	.78	.75	.73	.71
8	.87	.79	.74	.71	.86	.79	.74	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.69
9	.84	.76	.71	.68	.83	.76	.71	.67	.75	.70	.68	.74	.70	.67	.73	.70	.67	.66
10	.81	.73	.68	.65	.80	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.65	.64

## Luminaire Report Summary

IESNA:LM-63-2002  
 [ISSUEDATE] 12 April 2016  
 [TESTLAB] Spectra Lux Industries Inc.  
 [TEST] S1604124-R1  
 [MANUFAC] STANPRO LIGHTING SYSTEMS  
 [LUMCAT] RSR-1LS380-W-BB/30K/S  
 [LUMINAIRE] RSR-1LS380-W-BB/30K/S  
 [LAMP] (CLU028-1201C4-303M2K1) White 23W SSL c/w Hatch Driver XTC-0700P-UNV-1 @ 120.00V  
 [\_BURNING] Vertical Base Up (2,167 Luminaire Lumens)  
 [\_REFLECTOR] Metalized Finish  
 [\_LENS] None  
 [\_HOUSING] Fabricated Metal Sheet  
 [\_REPORTMODULE] Indoor Report  
 [\_SUBREPORTMODULE] Indoor Symmetric Round c/w Axial Lamp

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
 FILE: CANDELA MULTIPLIER: 1  
 FILE: VERTICAL ANGLES: 50, HORIZONTAL ANGLES: 1  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.