

STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

Filename: RSR-1LS180-W-WW-30K-M

Manufacturer: STANPRO LIGHTING SYSTEMS

Luminaire: RSR-1LS180-W-WW/30K/M

Luminaire Cat: RSR-1LS180-W-WW/30K/M

Lamp: (1) COB-BR-30E1000-B23 c/w Advance Driver XI020C070C030RNP1 @ 120.00V

Lamp Output: Total luminaire Lumens: 1113.3

Max Candela: 3,806.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 12.82

Luminous Opening: Circular (Dia: 2")

Test: S1601256-R1

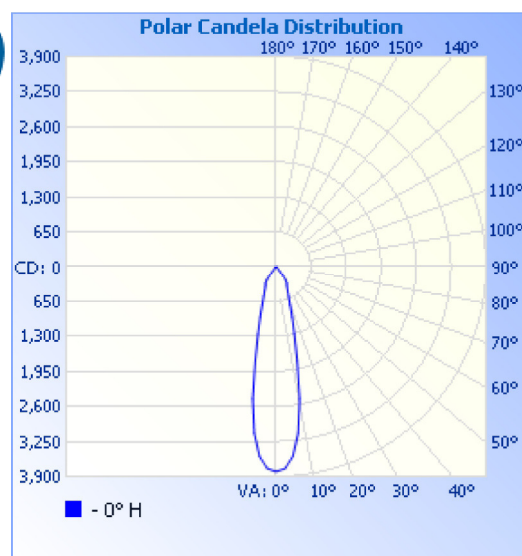
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 4 X 4



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	923.5	82.9%
0-40	1,096.8	98.5%
0-60	1,113.3	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	1,113.3	100%
90-180	0	0%
0-180	1,113.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	302.9	27.2%	90-100	0	0%
10-20	378.7	34.0%	100-110	0	0%
20-30	241.9	21.7%	110-120	0	0%
30-40	173.3	15.6%	120-130	0	0%
40-50	16.1	1.5%	130-140	0	0%
50-60	0.4	0.0%	140-150	0	0%
60-70	0	0.0%	150-160	0	0%
70-80	0	0.0%	160-170	0	0%
80-90	0	0.0%	170-180	0	0%

Illuminance at a Distance

	Center Beam fc	Beam Width
1.7ft	1,317 fc	0.7 ft
3.3ft	349 fc	1.4 ft
5.0ft	152 fc	2.2 ft
6.7ft	84.8 fc	2.9 ft
8.3ft	55.2 fc	3.6 ft
10.0ft	38.1 fc	4.3 ft

■ Beam Spread: 24.3°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

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

Candela Table - Type C

0	0
0	3806
2.5	3755
5	3537
7.5	3125
10	2506
12.5	1806
15	1308
17.5	982
20	758
22.5	606
25	507
27.5	443
30	400
32.5	370
35	305
37.5	205
40	100
42.5	25
45	6
47.5	5
50	4
52.5	0
55	0
57.5	0
60	0
62.5	0
65	0
67.5	0
70	0
72.5	0
75	0
77.5	0
80	0
82.5	0
85	0
87.5	0
90	0
92.5	0
95	0
97.5	0
100	0
102.5	0
105	0
107.5	0
110	0
112.5	0
115	0
117.5	0
120	0
122.5	0
125	0
127.5	0
130	0

132.5	0
135	0
137.5	0
140	0
142.5	0
145	0
147.5	0
150	0
152.5	0
155	0
157.5	0
160	0
162.5	0
165	0
167.5	0
170	0
172.5	0
175	0
177.5	0
180	0

Luminaire Report Summary

IESNA:LM-63-2002
 [ISSUEDATE] 25 January 2016
 [TESTLAB] Spectra Lux Industries Inc.
 [TEST] S1601256-R1
 [MANUFAC] STANPRO LIGHTING SYSTEMS
 [LUMCAT] RSR-1LS180-W-WW/30K/M
 [LUMINAIRE] RSR-1LS180-W-WW/30K/M
 [LAMP] (1) COB-BR-30E1000-B23 c/w Advance Driver XI020C070C030RNP1 @ 120.00V
 [_BURNING] Vertical Base Up (1,109 Luminaire Lumens)
 [_REFLECTOR] REF663-M - Medium
 [_LENS] None
 [_HOUSING] Fabricated Metal Sheet

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 1
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

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