

STANPRO

Lighting Systems Inc. | Systèmes d'éclairage Inc.

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

Manufacturer: STANPRO LIGHTING SYSTEMS

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

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

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

Lamp Output: Total luminaire Lumens: 1130.8

Max Candela: 2,150.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 12.84

Luminous Opening: Circular (Dia: 2")

Test: S1601254-R1

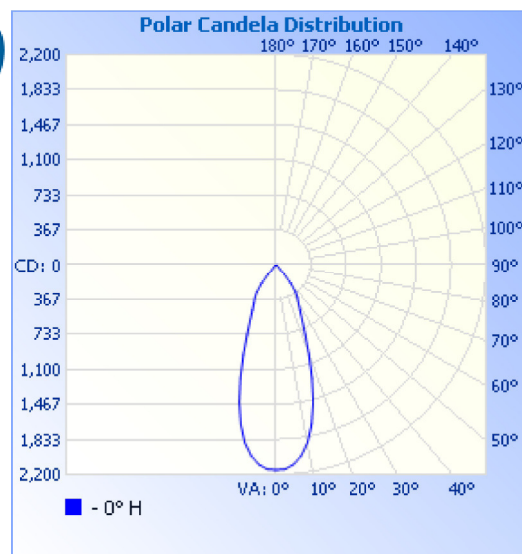
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 5 X 5



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	903.0	79.9%
0-40	1,105.7	97.8%
0-60	1,130.8	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	1,130.8	100%
90-180	0	0%
0-180	1,130.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	193.5	17.1%	90-100	0	0%
10-20	403.8	35.7%	100-110	0	0%
20-30	305.7	27.0%	110-120	0	0%
30-40	202.6	17.9%	120-130	0	0%
40-50	24.4	2.2%	130-140	0	0%
50-60	0.7	0.1%	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	744 fc	1.2 ft
3.3ft	197 fc	2.3 ft
5.0ft	86.0 fc	3.5 ft
6.7ft	47.9 fc	4.7 ft
8.3ft	31.2 fc	5.8 ft
10.0ft	21.5 fc	7.0 ft

■ Beam Spread: 38.5°

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	10	50	30	20	10	50	30	20	10	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	1.02	1.02	1.00	1.00
1	1.14	1.12	1.09	1.07	1.12	1.09	1.07	.95	1.05	1.04	1.02	1.02	1.01	.99	.98	.97	.96	.96	.96	.95	.95
2	1.09	1.05	1.01	.98	1.07	1.03	1.00	.90	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.89	.89	.89	.89
3	1.05	.99	.94	.91	1.03	.97	.93	.85	.95	.91	.89	.92	.90	.87	.90	.88	.86	.85	.85	.85	.85
4	1.00	.93	.88	.85	.98	.92	.88	.81	.90	.86	.83	.88	.85	.82	.86	.84	.81	.80	.80	.80	.80
5	.96	.88	.83	.79	.94	.87	.83	.77	.86	.81	.78	.84	.80	.78	.83	.79	.77	.76	.76	.76	.76
6	.92	.84	.78	.75	.90	.83	.78	.73	.82	.77	.74	.80	.76	.73	.79	.76	.73	.72	.72	.72	.72
7	.88	.80	.74	.70	.87	.79	.74	.69	.78	.73	.70	.77	.73	.70	.75	.72	.69	.68	.68	.68	.68
8	.84	.76	.70	.67	.83	.75	.70	.66	.74	.70	.66	.73	.69	.66	.72	.69	.66	.65	.65	.65	.65
9	.81	.72	.67	.63	.80	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.62	.62	.62	.62
10	.78	.69	.64	.60	.77	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.63	.60	.59	.59	.59	.59

Candela Table - Type C

0	0
0	2150
2.5	2145
5	2100
7.5	2017
10	1893
12.5	1714
15	1493
17.5	1246
20	1004
22.5	795
25	643
27.5	538
30	465
32.5	417
35	353
37.5	249
40	134
42.5	44
45	10
47.5	8
50	7
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] S1601254-R1
 [MANUFAC] STANPRO LIGHTING SYSTEMS
 [LUMCAT] RSR-1LS180-W-WW/30K/F
 [LUMINAIRE] RSR-1LS180-W-WW/30K/F
 [LAMP] (1) COB-BR-30E1000-B23 c/w Advance Driver XI020C070C030RNP1 @ 120.00V
 [_BURNING] Vertical Base Up (1,127 Luminaire Lumens)
 [_REFLECTOR] REF663-F - Flood
 [_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

Photometrics Pro 1.3.29 copyright 2003-2016 by jSolutions, Inc.
 Reported data calculated from manufacturer's data file, based on IES recommended methods.