

Les produits d'éclairage

# AimLite

Lighting Products

**Filename: R19R-1LA180-W-WW-30K-W**

Manufacturer: Aimlite lighting products

Luminaire: R19R-1LA180-W-WW/30K/W

Luminaire Cat: R19R-1LA180-W-WW/30K/W

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

Lamp Output: Total luminaire Lumens: 1299.8

Max Candela: 730.0 at Horizontal: 0°, Vertical: 2.5°

Input Wattage: 12.85

Luminous Opening: Circular (Dia: 2")

Test: S1601253-R1

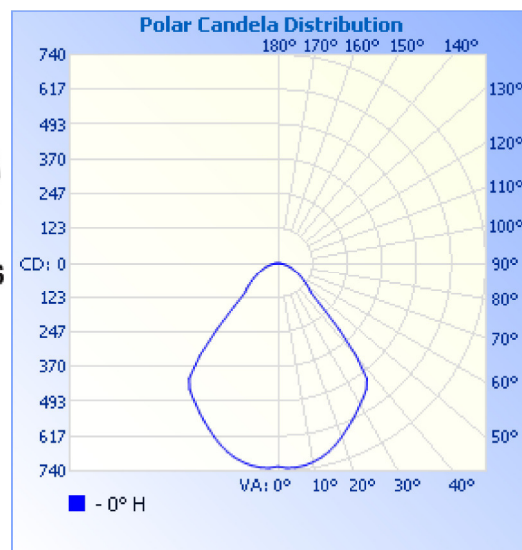
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 6 X 6

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	551.3	42.4%
0-40	885.8	68.1%
0-60	1,176.3	90.5%
60-90	120.3	9.3%
70-100	55.7	4.3%
90-120	3.1	0.2%
0-90	1,296.6	99.8%
90-180	3.1	0.2%
0-180	1,299.8	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	69.3	5.3%	90-100	3.1	0.2%
10-20	195.6	15.0%	100-110	0	0%
20-30	286.4	22.0%	110-120	0	0%
30-40	334.5	25.7%	120-130	0	0%
40-50	187.8	14.4%	130-140	0	0%
50-60	102.8	7.9%	140-150	0	0%
60-70	67.7	5.2%	150-160	0	0%
70-80	37.0	2.8%	160-170	0	0%
80-90	15.5	1.2%	170-180	0	0%

**Illuminance at a Distance**

	Center Beam fc	Beam Width
1.7ft	251 fc	3.0 ft 3.0 ft
3.3ft	66.5 fc	5.8 ft 5.8 ft
5.0ft	29.0 fc	8.8 ft 8.9 ft
6.7ft	16.1 fc	11.8 ft 11.9 ft
8.3ft	10.5 fc	14.6 ft 14.7 ft
10.0ft	7.24 fc	17.6 ft 17.7 ft

■ Vert. Spread: 82.6°  
■ Horiz. Spread: 83.0°

**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	1.11	1.07	1.04	1.01	1.08	1.05	1.02	.89	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2	1.03	.96	.91	.86	1.01	.95	.90	.79	.91	.87	.83	.88	.85	.82	.85	.82	.80	.78
3	.96	.87	.81	.75	.94	.86	.80	.70	.83	.78	.73	.80	.76	.72	.78	.74	.71	.69
4	.89	.79	.72	.66	.87	.78	.71	.63	.76	.70	.65	.73	.68	.64	.71	.67	.63	.62
5	.83	.72	.65	.59	.81	.71	.64	.57	.69	.63	.58	.67	.62	.58	.66	.61	.57	.55

6	.78	.66	.59	.53	.76	.65	.58	.51	.64	.57	.52	.62	.56	.52	.61	.56	.52	.50
7	.73	.61	.53	.48	.71	.60	.53	.47	.59	.52	.48	.57	.52	.47	.56	.51	.47	.45
8	.68	.56	.49	.44	.67	.56	.49	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
9	.64	.52	.45	.40	.63	.52	.45	.39	.51	.44	.40	.50	.44	.40	.49	.43	.39	.38
10	.60	.49	.42	.37	.59	.48	.41	.36	.47	.41	.37	.46	.41	.36	.45	.40	.36	.35

**Candela Table - Type C**

0	
0	724
2.5	730
5	730
7.5	727
10	719
12.5	709
15	696
17.5	679
20	660
22.5	640
25	621
27.5	602
30	583
32.5	566
35	548
37.5	519
40	433
42.5	321
45	219
47.5	159
50	145
52.5	129
55	114
57.5	101
60	88
62.5	78
65	68
67.5	59
70	50
72.5	42
75	35
77.5	28
80	21
82.5	16
85	14
87.5	12
90	9
92.5	5
95	2
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] S1601253-R1  
 [MANUFAC] Aimlite lightng products  
 [LUMCAT] R19R-1LA180-W-WW/30K/W  
 [LUMINAIRE] R19R-1LA180-W-WW/30K/W  
 [LAMP] (1) COB-BR-30E1000-B23 c/w Advance Driver XI020C070C030RNP1 @ 120.00V  
 [\_BURNING] Vertical Base Up (1,296 Luminaire Lumens)  
 [\_REFLECTOR] REF663-W - Wide  
 [\_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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 Reported data calculated from manufacturer's data file, based on IES recommended methods.