

Les produits d'éclairage

# AimLite

Lighting Products

**Filename: R12R-1-LA4-80-30K-M**

Manufacturer: Aimlite lighting

Luminaire: R12R-L

Luminaire Cat: R12R-1-L-A4-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-30K-M

Lamp: (1) COB VERO18-(BXRC-30G4000-C-73-SE) c/w Universal Driver  
D15CC55UNVTW-LS @ 120.00V

Distribution: Direct Type - Downlight

Lamp Output: Total luminaire Lumens: 5026.7

Max Candela: 15,846.5 at Horizontal: 0°, Vertical: 1°

Input Wattage: 52

Luminous Opening: Circular (Dia: 2.75")

Test: S1702171-R1 config from

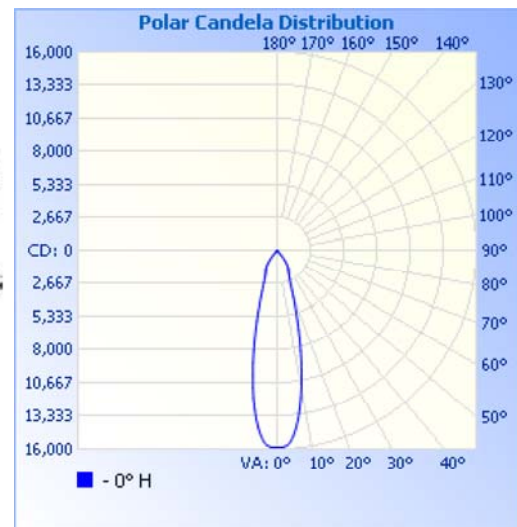
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

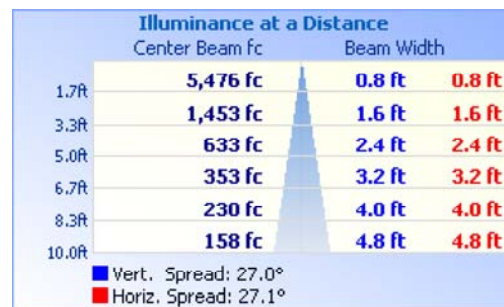
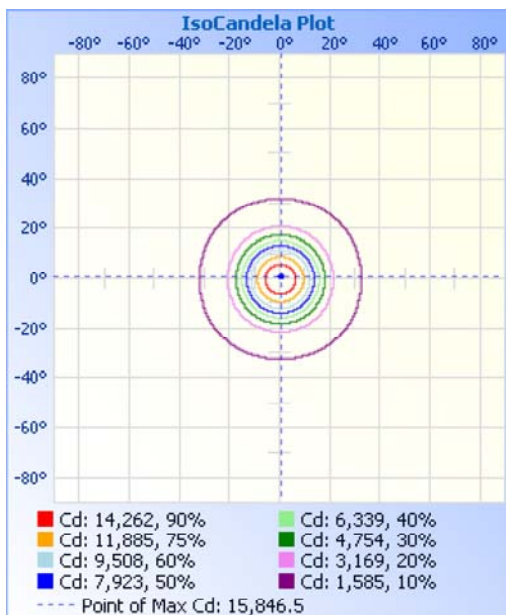
Nema Type: 4 X 4

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	4,224.3	84%
0-40	4,950.6	98.5%
0-60	5,026.7	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	5,026.7	100%
90-180	0	0%
0-180	5,026.7	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,305.2	26.0%	90-100	0	0%
10-20	1,840.7	36.6%	100-110	0	0%
20-30	1,078.3	21.5%	110-120	0	0%
30-40	726.3	14.4%	120-130	0	0%
40-50	76.2	1.5%	130-140	0	0%
50-60	0	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%



**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		.96
2	1.10	1.06	1.03	1.00	1.08	1.04	1.01	.92	1.01	.99	.97		.98	.96	.95		.96	.94	.93		.91
3	1.06	1.00	.96	.93	1.04	.99	.95	.88	.97	.94	.91		.94	.92	.90		.92	.90	.88		.87
4	1.02	.96	.91	.88	1.00	.94	.90	.84	.92	.89	.86		.91	.88	.85		.89	.86	.84		.83
5	.98	.91	.86	.83	.96	.90	.86	.80	.89	.85	.82		.87	.84	.81		.86	.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	.79	.75	.90	.83	.78	.74	.82	.78	.75		.80	.77	.74		.79	.76	.74		.73
8	.88	.80	.75	.72	.87	.79	.75	.71	.78	.74	.71		.78	.74	.71		.77	.73	.71		.70
9	.85	.77	.72	.69	.84	.76	.72	.68	.76	.71	.69		.75	.71	.68		.74	.71	.68		.67
10	.82	.74	.69	.66	.81	.74	.69	.66	.73	.69	.66		.72	.68	.66		.72	.68	.66		.65

**Luminaire Report Summary**

IESNA:LM-63-2002  
 [ISSUE DATE] 17 February 2017  
 [TEST LAB] Spectra Lux Industries Inc.  
 [TEST] S1702171-R1 config from  
 [MANUFACTURER] Aimlite lighting  
 [LUMINAIRE] R12R-1-L-A4-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-30K-M  
 [LUMINAIRE] R12R-L  
 [LAMP] (1) COB VERO18-(BXRC-30G4000-C-73-SE) c/w Universal Driver D15CC55UNVTW-LS  
 @ 120.00V  
 [\_BURNING] Vertical Base Up (5,030 Luminaire Lumens)  
 [\_REFLECTOR] Specular Spun Aluminum (Medium)  
 [\_LENS] None  
 [\_HOUSING] Fabricated Metal Sheet  
 [DISTRIBUTION] Direct Type - Downlight  
  
 FILE: CREATED USING ABSOLUTE PHOTOMETRY  
 FILE: CANDELA MULTIPLIER: 1.17  
 FILE: VERTICAL ANGLES: 67, HORIZONTAL ANGLES: 1  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2018 by jSolutions, Inc.  
 Reported data calculated from manufacturer's data file, based on IES recommended methods.