

Les produits d'éclairage

# AimLite

Lighting Products

**Filename: R12R-1-LA3-90-40K-M**

Manufacturer: Aimlite lighting

Luminaire: R12R-L

Luminaire Cat: R12R-1-L-A3-90-(A-H)-(B-W)-(B-S-W)-(B-S-W)-40K-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: 4124.5

Max Candela: 13,002.2 at Horizontal: 0°, Vertical: 1°

Input Wattage: 45

Luminous Opening: Circular (Dia: 2.75")

Test: S1702171-R1 config from

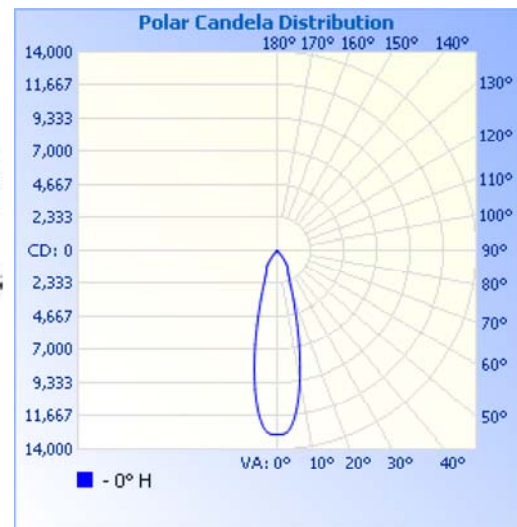
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

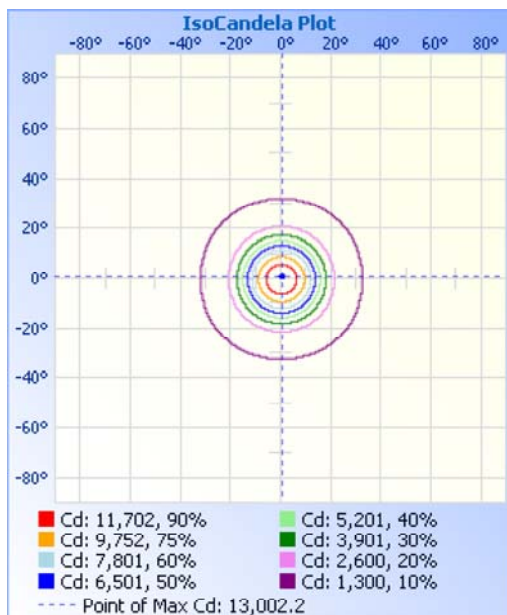
Nema Type: 4 X 4

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	3,466.1	84%
0-40	4,062.0	98.5%
0-60	4,124.5	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	4,124.5	100%
90-180	0	0%
0-180	4,124.5	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,071.0	26.0%	90-100	0	0%
10-20	1,510.3	36.6%	100-110	0	0%
20-30	884.8	21.5%	110-120	0	0%
30-40	596.0	14.4%	120-130	0	0%
40-50	62.5	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	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	1.02	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	.95	.94	.93
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	.90	.88	.87
3	1.06	1.00	.96	.93	1.04	.99	.95	.88	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87	.85	.83	.81
4	1.02	.96	.91	.88	1.00	.94	.90	.84	.92	.89	.86	.91	.88	.85	.89	.86	.84	.83	.80	.79	.77
5	.98	.91	.86	.83	.96	.90	.86	.80	.89	.85	.82	.87	.84	.81	.86	.83	.80	.79	.76	.74	.73
6	.94	.87	.82	.79	.93	.86	.82	.77	.85	.81	.78	.84	.80	.77	.82	.79	.77	.76	.73	.71	.70
7	.91	.83	.79	.75	.90	.83	.78	.74	.82	.78	.75	.80	.77	.74	.79	.76	.74	.73	.71	.70	.67
8	.88	.80	.75	.72	.87	.79	.75	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.70	.68	.67	.65
9	.85	.77	.72	.69	.84	.76	.72	.68	.76	.71	.69	.75	.71	.68	.74	.71	.68	.67	.65	.64	.62
10	.82	.74	.69	.66	.81	.74	.69	.66	.73	.69	.66	.72	.68	.66	.72	.68	.66	.65	.64	.62	.60

**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-A3-90-(A-H)-(B-W)-(B-S-W)-(B-S-W)-40K-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 (4,127 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: 0.96  
 FILE: VERTICAL ANGLES: 67, 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.