

Les produits d'éclairage

AimLite

Lighting Products

Filename: R12R-1-LA3-80-35K-M

Manufacturer: Aimlite lighting

Luminaire: R12R-L

Luminaire Cat: R12R-1-L-A3-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-35K-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: 4425.3

Max Candela: 13,950.3 at Horizontal: 0°, Vertical: 1°

Input Wattage: 45

Luminous Opening: Circular (Dia: 2.75")

Test: S1702171-R1 config from

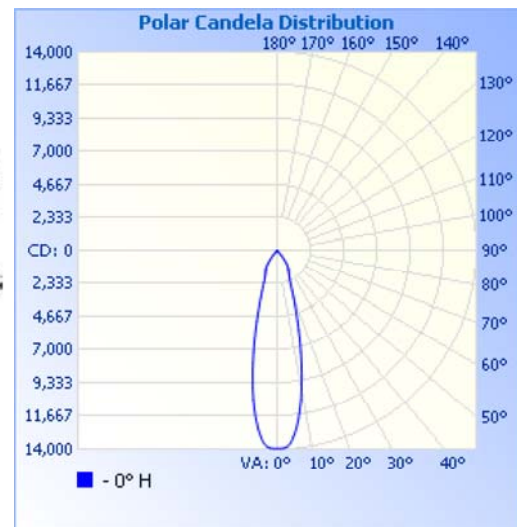
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

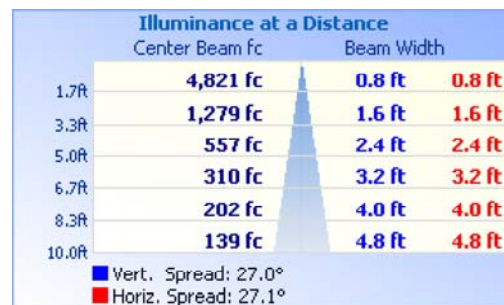
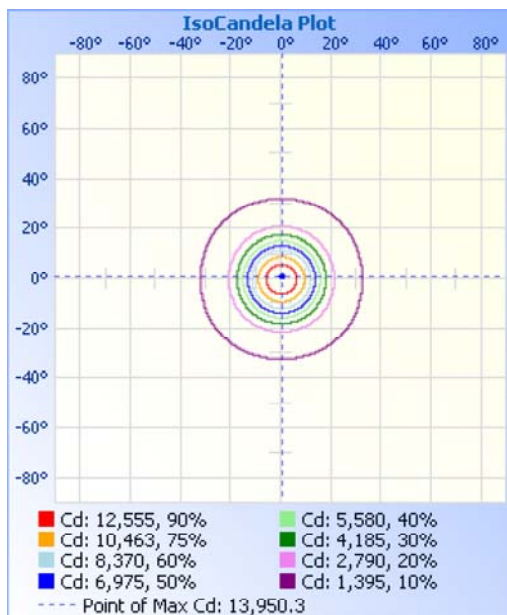
Nema Type: 4 X 4

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	3,718.8	84%
0-40	4,358.2	98.5%
0-60	4,425.3	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	4,425.3	100%
90-180	0	0%
0-180	4,425.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,149.0	26.0%	90-100	0	0%
10-20	1,620.4	36.6%	100-110	0	0%
20-30	949.3	21.5%	110-120	0	0%
30-40	639.4	14.4%	120-130	0	0%
40-50	67.1	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-A3-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-35K-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 (4,428 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: 1.03
 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.