

Les produits d'éclairage

AimLite

Lighting Products

Filename: R12R-1-LA4-80-40K-M

Manufacturer: Aimlite lighting

Luminaire: R12R-L

Luminaire Cat: R12R-1-L-A4-80-(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: 5628.2

Max Candela: 17,742.6 at Horizontal: 0°, Vertical: 1°

Input Wattage: 52

Luminous Opening: Circular (Dia: 2.75")

Test: S1702171-R1 config from

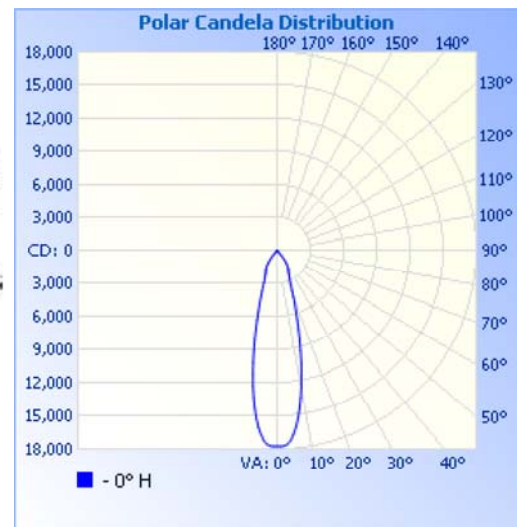
Test Lab: Spectra Lux Industries Inc.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

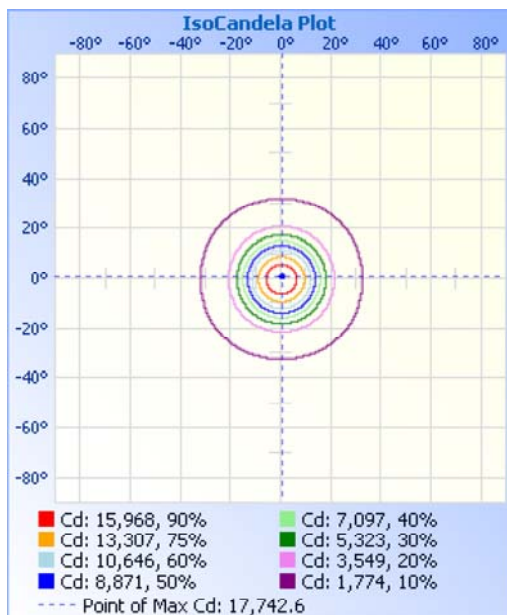
Nema Type: 4 X 4

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	4,729.7	84%
0-40	5,543.0	98.5%
0-60	5,628.2	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	5,628.2	100%
90-180	0	0%
0-180	5,628.2	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,461.4	26.0%	90-100	0	0%
10-20	2,060.9	36.6%	100-110	0	0%
20-30	1,207.4	21.5%	110-120	0	0%
30-40	813.2	14.4%	120-130	0	0%
40-50	85.3	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%



Illuminance at a Distance

	Center Beam fc	Beam Width
1.7ft	6,131 fc	0.8 ft 0.8 ft
3.3ft	1,627 fc	1.6 ft 1.6 ft
5.0ft	709 fc	2.4 ft 2.4 ft
6.7ft	395 fc	3.2 ft 3.2 ft
8.3ft	257 fc	4.0 ft 4.0 ft
10.0ft	177 fc	4.8 ft 4.8 ft

■ Vert. Spread: 27.0°
 ■ Horiz. Spread: 27.1°

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	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)-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 (5,632 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: 1.31
 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.