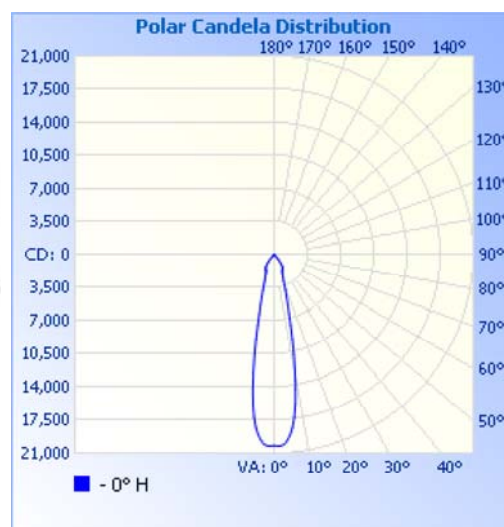


Les produits d'éclairage

# AimLite

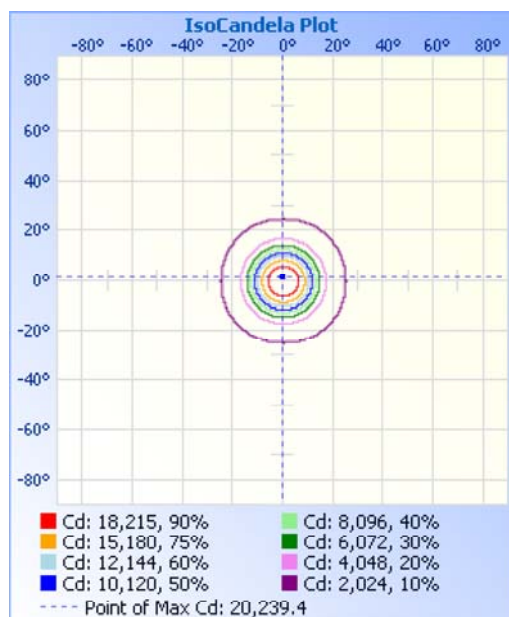
Lighting Products

**Filename:** R12R-1-LA3-80-40K-S**Manufacturer:** Aimlite lighting**Luminaire:** R12R-L**Luminaire Cat:** R12R-1-L-A3-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-40K-S**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: 5122.5**Max Candela:** 20,239.4 at Horizontal: 0°, Vertical: 1°**Input Wattage:** 45**Luminous Opening:** Circular (Dia: 2.75")**Test:** S1702205-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	4,217.5	82.3%
0-40	5,010.7	97.8%
0-60	5,122.5	100%
60-90	0	0%
70-100	0	0%
90-120	0	0%
0-90	5,122.5	100%
90-180	0	0%
0-180	5,122.5	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,625.0	31.7%	90-100	0	0%
10-20	1,634.3	31.9%	100-110	0	0%
20-30	958.2	18.7%	110-120	0	0%
30-40	793.2	15.5%	120-130	0	0%
40-50	111.8	2.2%	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	6,984 fc	0.7 ft 0.7 ft
3.3ft	1,853 fc	1.3 ft 1.3 ft
5.0ft	807 fc	2.0 ft 2.0 ft
6.7ft	450 fc	2.7 ft 2.7 ft
8.3ft	293 fc	3.4 ft 3.4 ft
10.0ft	202 fc	4.1 ft 4.1 ft

■ Vert. Spread: 23.0°  
 ■ Horiz. Spread: 23.0°

**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	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00
1	1.15	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	1.05	1.02	.92	1.01	.99	.97	.95	.92	.90	.88	.86	.84	.82	.80	.78	.76
3	1.06	1.01	.97	.94	1.04	1.00	.96	.88	.97	.94	.91	.88	.86	.84	.82	.80	.78	.76	.74	.72	.70
4	1.02	.96	.92	.88	1.01	.95	.91	.84	.93	.90	.87	.84	.82	.80	.78	.76	.74	.72	.70	.68	.66
5	.98	.92	.87	.84	.97	.91	.87	.81	.89	.86	.83	.80	.78	.76	.74	.72	.70	.68	.66	.64	.62
6	.95	.88	.83	.80	.94	.87	.83	.78	.86	.82	.79	.76	.74	.72	.70	.68	.66	.64	.62	.60	.58
7	.92	.84	.80	.76	.91	.84	.79	.75	.83	.79	.76	.73	.70	.68	.66	.64	.62	.60	.58	.56	.54
8	.89	.81	.76	.73	.88	.81	.76	.72	.80	.76	.73	.70	.68	.66	.64	.62	.60	.58	.56	.54	.52
9	.86	.78	.74	.70	.85	.78	.73	.70	.77	.73	.70	.68	.66	.64	.62	.60	.58	.56	.54	.52	.50
10	.83	.75	.71	.68	.82	.75	.71	.67	.74	.70	.68	.66	.64	.62	.60	.58	.56	.54	.52	.50	.48

**Luminaire Report Summary**

IESNA:LM-63-2002  
 [ISSUE DATE] 20 February 2017  
 [TEST LAB] Spectra Lux Industries Inc.  
 [TEST] S1702205-R1 config from  
 [MANUFACTURER] Aimlite lighting  
 [LUMINAIRE] R12R-1-L-A3-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-40K-S  
 [LUMINAIRE] R12R-L  
 [LAMP] (1) COB VERO18-(BXRC-30G4000-C-73-SE) c/w Universal Driver D15CC55UNVTW-LS  
 @ 120.00V  
 [\_BURNING] Vertical Base Up (5,127 Luminaire Lumens)  
 [\_REFLECTOR] Specular Spun Aluminum (Spot)  
 [\_LENS] None  
 [\_HOUSING] Fabricated Metal Sheet  
 [DISTRIBUTION] Direct Type - Downlight

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
 FILE: CANDELA MULTIPLIER: 1.13  
 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.