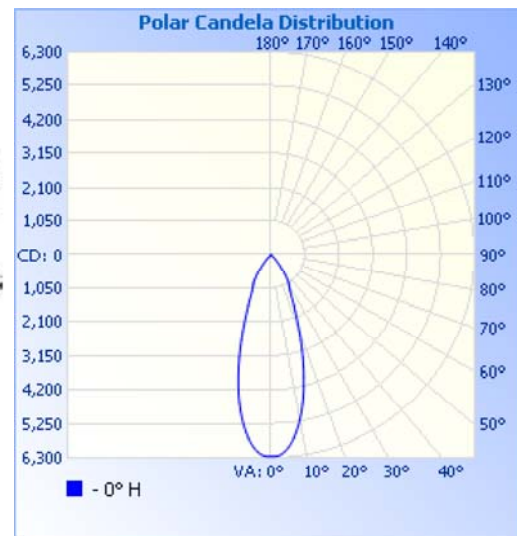


Les produits d'éclairage

AimLite

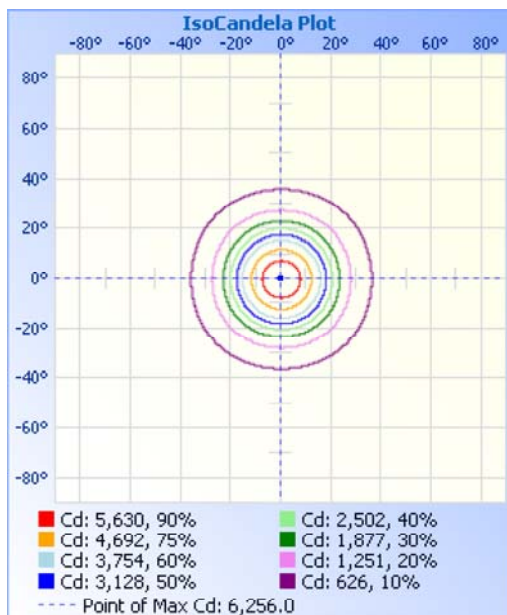
Lighting Products

Filename: R12R-1-LA2-80-30K-F**Manufacturer:** Aimlite lighting**Luminaire:** R12R-L**Luminaire Cat:** R12R-1-L-A2-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-30K-F**Lamp:** (1) COB VERO18-(BXR-30G4000-C-73-SE) c/w Universal Driver
D15CC55UNVTW-LS @ 120.00V**Distribution:** Direct Type - Downlight**Lamp Output:** Total luminaire Lumens: 2845**Max Candela:** 6,256.0 at Horizontal: 0°, Vertical: 0°**Input Wattage:** 33**Luminous Opening:** Circular (Dia: 2.75")**Test:** S1702172-R1 config from**Test Lab:** Spectra Lux Industries Inc.**Photometry :** Type C**CIE Class:** Direct**Cutoff Class:** Full Cutoff**Nema Type:** 5 X 5**Zonal Lumen Summary**

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 2,358.8 | 82.9% |
| 0-40 | 2,798.8 | 98.4% |
| 0-60 | 2,845.0 | 100% |
| 60-90 | 0 | 0% |
| 70-100 | 0 | 0% |
| 90-120 | 0 | 0% |
| 0-90 | 2,845.0 | 100% |
| 90-180 | 0 | 0% |
| 0-180 | 2,845.0 | 100% |

Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|---------|---------|---------|--------|---------|
| 0-10 | 547.0 | 19.2% | 90-100 | 0 | 0% |
| 10-20 | 1,064.1 | 37.4% | 100-110 | 0 | 0% |
| 20-30 | 747.7 | 26.3% | 110-120 | 0 | 0% |
| 30-40 | 440.0 | 15.5% | 120-130 | 0 | 0% |
| 40-50 | 46.2 | 1.6% | 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 | 2,165 fc | 1.1 ft |
| 3.3ft | 574 fc | 2.1 ft |
| 5.0ft | 250 fc | 3.2 ft |
| 6.7ft | 139 fc | 4.3 ft |
| 8.3ft | 90.8 fc | 5.4 ft |
| 10.0ft | 62.6 fc | 6.4 ft |

■ Beam Spread: 35.7°

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 | .95 | 1.06 | 1.04 | 1.03 | | 1.02 | 1.01 | 1.00 | | .99 | .98 | .97 | | .95 |
| 2 | 1.10 | 1.05 | 1.02 | .99 | 1.07 | 1.04 | 1.00 | .91 | 1.00 | .98 | .96 | | .98 | .95 | .94 | | .95 | .93 | .92 | | .90 |
| 3 | 1.05 | .99 | .95 | .92 | 1.03 | .98 | .94 | .86 | .96 | .92 | .90 | | .93 | .90 | .88 | | .91 | .89 | .87 | | .85 |
| 4 | 1.01 | .94 | .89 | .86 | .99 | .93 | .89 | .82 | .91 | .87 | .84 | | .89 | .86 | .83 | | .87 | .85 | .82 | | .81 |
| 5 | .97 | .89 | .84 | .81 | .95 | .88 | .84 | .78 | .87 | .83 | .80 | | .85 | .82 | .79 | | .84 | .81 | .78 | | .77 |
| 6 | .93 | .85 | .80 | .76 | .91 | .84 | .79 | .74 | .83 | .79 | .75 | | .82 | .78 | .75 | | .80 | .77 | .74 | | .73 |
| 7 | .89 | .81 | .76 | .72 | .88 | .80 | .76 | .71 | .79 | .75 | .72 | | .78 | .74 | .71 | | .77 | .74 | .71 | | .70 |
| 8 | .86 | .77 | .72 | .69 | .84 | .77 | .72 | .68 | .76 | .71 | .68 | | .75 | .71 | .68 | | .74 | .70 | .68 | | .67 |
| 9 | .82 | .74 | .69 | .65 | .81 | .74 | .69 | .65 | .73 | .68 | .65 | | .72 | .68 | .65 | | .71 | .67 | .65 | | .64 |
| 10 | .79 | .71 | .66 | .63 | .78 | .70 | .66 | .62 | .70 | .65 | .62 | | .69 | .65 | .62 | | .68 | .65 | .62 | | .61 |

Luminaire Report Summary

IESNA:LM-63-2002
 [ISSUE DATE] 17 February 2017
 [TEST LAB] Spectra Lux Industries Inc.
 [TEST] S1702172-R1 config from
 [MANUFACT] Aimlite lighting
 [LUMCAT] R12R-1-L-A2-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-30K-F
 [LUMINAIRE] R12R-L
 [LAMP] (1) COB VERO18-(BXRC-30G4000-C-73-SE) c/w Universal Driver D15CC55UNVTW-LS
 @ 120.00V
 [_BURNING] Vertical Base Up (2,846 Luminaire Lumens)
 [_REFLECTOR] Specular Spun Aluminum (Flood)
 [_LENS] None
 [_HOUSING] Fabricated Metal Sheet
 [DISTRIBUTION] Direct Type - Downlight

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 0.68
 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.