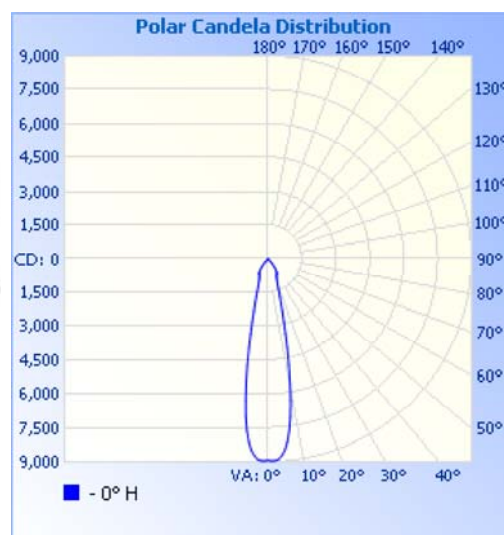


Les produits d'éclairage

# AimLite

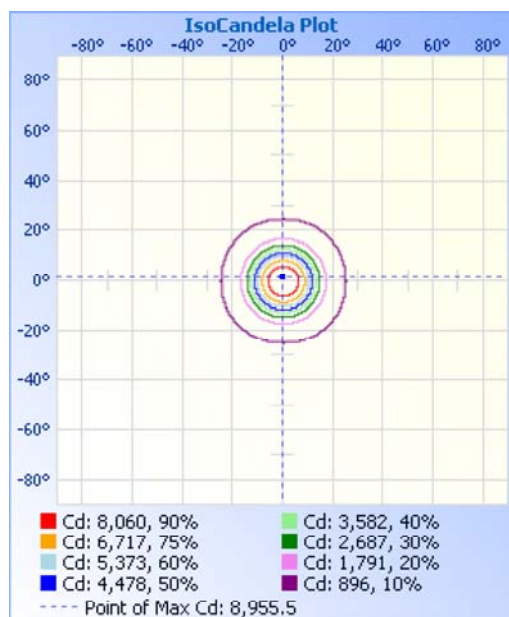
Lighting Products

**Filename:** R12R-1-LA1-80-35K-S**Manufacturer:** Aimlite lighting**Luminaire:** R12R-L**Luminaire Cat:** R12R-1-L-A1-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-35K-S**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: 2266.6**Max Candela:** 8,955.5 at Horizontal: 0°, Vertical: 1°**Input Wattage:** 523**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   | 1,866.2 | 82.3%       |
| 0-40   | 2,217.1 | 97.8%       |
| 0-60   | 2,266.6 | 100%        |
| 60-90  | 0       | 0%          |
| 70-100 | 0       | 0%          |
| 90-120 | 0       | 0%          |
| 0-90   | 2,266.6 | 100%        |
| 90-180 | 0       | 0%          |
| 0-180  | 2,266.6 | 100%        |

**Lumens Per Zone**

| Zone  | Lumens | % Total | Zone    | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10  | 719.0  | 31.7%   | 90-100  | 0      | 0%      |
| 10-20 | 723.1  | 31.9%   | 100-110 | 0      | 0%      |
| 20-30 | 424.0  | 18.7%   | 110-120 | 0      | 0%      |
| 30-40 | 351.0  | 15.5%   | 120-130 | 0      | 0%      |
| 40-50 | 49.5   | 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%      |



**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      | 1.15 | 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  | .99  | .97  | .95  | .96  | .94  | .93  | .91  | .90  | .89  | .87  |
| 3      | 1.06 | 1.01 | .97  | .94  | 1.04 | 1.00 | .96  | .88  | .97  | .94  | .91  | .95  | .92  | .90  | .93  | .90  | .89  | .87  | .85  | .84  | .82  |
| 4      | 1.02 | .96  | .92  | .88  | 1.01 | .95  | .91  | .84  | .93  | .90  | .87  | .91  | .88  | .86  | .89  | .87  | .85  | .84  | .82  | .80  | .78  |
| 5      | .98  | .92  | .87  | .84  | .97  | .91  | .87  | .81  | .89  | .86  | .83  | .88  | .84  | .82  | .86  | .83  | .81  | .80  | .78  | .77  | .75  |
| 6      | .95  | .88  | .83  | .80  | .94  | .87  | .83  | .78  | .86  | .82  | .79  | .84  | .81  | .78  | .83  | .80  | .78  | .77  | .75  | .74  | .72  |
| 7      | .92  | .84  | .80  | .76  | .91  | .84  | .79  | .75  | .83  | .79  | .76  | .81  | .78  | .75  | .80  | .77  | .75  | .74  | .72  | .71  | .69  |
| 8      | .89  | .81  | .76  | .73  | .88  | .81  | .76  | .72  | .80  | .76  | .73  | .79  | .75  | .72  | .78  | .75  | .72  | .71  | .69  | .68  | .66  |
| 9      | .86  | .78  | .74  | .70  | .85  | .78  | .73  | .70  | .77  | .73  | .70  | .76  | .72  | .70  | .75  | .72  | .70  | .69  | .68  | .67  | .65  |
| 10     | .83  | .75  | .71  | .68  | .82  | .75  | .71  | .67  | .74  | .70  | .68  | .74  | .70  | .67  | .73  | .70  | .67  | .66  | .65  | .64  | .62  |

**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-A1-80-(A-H)-(B-W)-(B-S-W)-(B-S-W)-35K-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 (2,269 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: 0.5  
 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.