

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: PrentaLux

Report Number: P1057271

Luminaire Tested: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

Issue Date: 8/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1057271  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2504-407-3, G2-2504-407-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK  
Description: PrentaLux 2-INCH CYLINDER  
DOWNLIGHT 750 LUMENS, FLOOD OPTIC (38-DEGREES)  
UPLIGHT 750 LUMENS, NARROW FLOOD OPTIC (27-DEGREES)  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

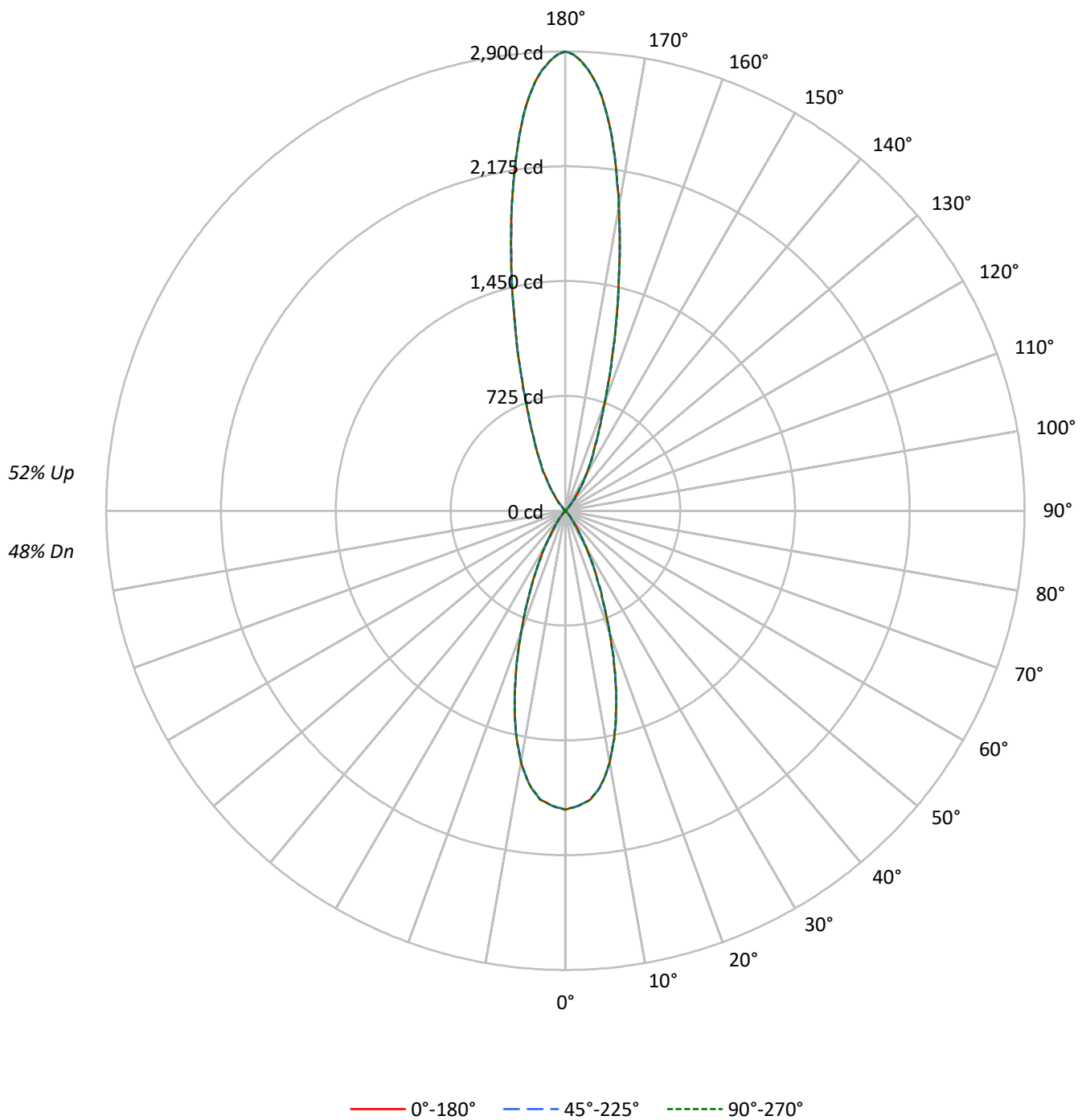
Lumens per Lamp: N/A  
Luminaire Lumens: 1691.7 lumens  
Efficiency: N/A  
Efficacy: 132.2 lumens/watt  
Spacing Criteria (0/90/45): 0.61 / 0.61 / 0.6  
Luminous Opening: Circular (Dia: 0.15' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 12.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

### Luminous Intensity Polar Plot



TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 68 | 68 | 68 | 54 | 54 | 54 |
| 1   | 100 | 97  | 94  | 91  | 92 | 89 | 87 | 85 | 76 | 74 | 73 | 63 | 62 | 61 | 52 | 51 | 51 |
| 2   | 94  | 88  | 84  | 80  | 87 | 82 | 78 | 75 | 70 | 68 | 65 | 60 | 58 | 56 | 50 | 49 | 48 |
| 3   | 88  | 81  | 75  | 71  | 81 | 76 | 71 | 67 | 65 | 62 | 60 | 56 | 54 | 52 | 48 | 46 | 45 |
| 4   | 83  | 75  | 69  | 64  | 77 | 70 | 65 | 61 | 61 | 58 | 55 | 53 | 51 | 49 | 46 | 44 | 43 |
| 5   | 78  | 69  | 63  | 58  | 73 | 65 | 60 | 56 | 57 | 54 | 51 | 50 | 48 | 45 | 44 | 42 | 41 |
| 6   | 74  | 64  | 58  | 54  | 69 | 61 | 55 | 51 | 54 | 50 | 47 | 48 | 45 | 43 | 42 | 40 | 39 |
| 7   | 70  | 60  | 54  | 50  | 65 | 57 | 52 | 48 | 51 | 47 | 44 | 45 | 42 | 40 | 40 | 38 | 37 |
| 8   | 66  | 56  | 50  | 46  | 62 | 54 | 48 | 45 | 48 | 44 | 41 | 43 | 40 | 38 | 38 | 37 | 35 |
| 9   | 63  | 53  | 47  | 43  | 59 | 51 | 45 | 42 | 46 | 42 | 39 | 41 | 38 | 36 | 37 | 35 | 34 |
| 10  | 60  | 50  | 44  | 41  | 56 | 48 | 43 | 39 | 44 | 40 | 37 | 39 | 37 | 35 | 36 | 34 | 32 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°      | 45°     | 90°     |
|-----|---------|---------|---------|
| 0°  | 1216406 | 1216406 | 1216406 |
| 5°  | 1183793 | 1183793 | 1183793 |
| 10° | 1054830 | 1054830 | 1054830 |
| 15° | 827602  | 827602  | 827602  |
| 20° | 558223  | 558223  | 558223  |
| 25° | 336250  | 336250  | 336250  |
| 30° | 181861  | 181861  | 181861  |
| 35° | 76702   | 76702   | 76702   |
| 40° | 25573   | 25573   | 25573   |
| 45° | 10936   | 10936   | 10936   |
| 50° | 6416    | 6416    | 6416    |
| 55° | 4494    | 4494    | 4494    |
| 60° | 3093    | 3093    | 3093    |
| 65° | 2440    | 2440    | 2440    |
| 70° | 1507    | 1507    | 1507    |
| 75° | 0       | 0       | 0       |
| 80° | 0       | 0       | 0       |
| 85° | 0       | 0       | 0       |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10936 cd/sqm

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 167.5  | 9.9       |
| 10°-20°   | 336.4  | 19.9      |
| 20°-30°   | 220.9  | 13.1      |
| 30°-40°   | 68.0   | 4.0       |
| 40°-50°   | 10.8   | 0.6       |
| 50°-60°   | 3.6    | 0.2       |
| 60°-70°   | 1.4    | 0.1       |
| 70°-80°   | 0.3    | 0.0       |
| 80°-90°   | 0.0    | 0.0       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.6    | 0.0       |
| 110°-120° | 1.9    | 0.1       |
| 120°-130° | 4.0    | 0.2       |
| 130°-140° | 15.1   | 0.9       |
| 140°-150° | 85.4   | 5.0       |
| 150°-160° | 204.8  | 12.1      |
| 160°-170° | 342.7  | 20.3      |
| 170°-180° | 228.3  | 13.5      |
| 0°-30°    | 724.8  | 42.8      |
| 0°-40°    | 792.8  | 46.9      |
| 0°-60°    | 807.3  | 47.7      |
| 0°-90°    | 809.0  | 47.8      |
| 90°-120°  | 2.4    | 0.1       |
| 90°-150°  | 106.9  | 6.3       |
| 90°-180°  | 883.0  | 52.2      |
| 0°-180°   | 1691.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 1888 | 1888  | 1888 | 1888  | 1888 |      |
| 5°   | 1830 | 1830  | 1830 | 1830  | 1830 | 167  |
| 15°  | 1240 | 1240  | 1240 | 1240  | 1240 | 336  |
| 25°  | 473  | 473   | 473  | 473   | 473  | 221  |
| 35°  | 98   | 98    | 98   | 98    | 98   | 68   |
| 45°  | 12   | 12    | 12   | 12    | 12   | 11   |
| 55°  | 4    | 4     | 4    | 4     | 4    | 4    |
| 65°  | 2    | 2     | 2    | 2     | 2    | 1    |
| 75°  | 0    | 0     | 0    | 0     | 0    | 0    |
| 85°  | 0    | 0     | 0    | 0     | 0    | 0    |
| 90°  | 0    | 0     | 0    | 0     | 0    | 0    |
| 95°  | 0    | 0     | 0    | 0     | 0    | 0    |
| 105° | 1    | 1     | 1    | 1     | 1    | 1    |
| 115° | 2    | 2     | 2    | 2     | 2    | 2    |
| 125° | 4    | 4     | 4    | 4     | 4    | 4    |
| 135° | 15   | 15    | 15   | 15    | 15   | 15   |
| 145° | 130  | 130   | 130  | 130   | 130  | 85   |
| 155° | 435  | 435   | 435  | 435   | 435  | 205  |
| 165° | 1241 | 1241  | 1241 | 1241  | 1241 | 343  |
| 175° | 2626 | 2626  | 2626 | 2626  | 2626 | 228  |
| 180° | 2900 | 2900  | 2900 | 2900  | 2900 |      |

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (FULL):**

|     | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 1887.6 | 1887.6 | 1887.6 | 1887.6 | 1887.6 |
| 1°  | 1878.9 | 1878.9 | 1878.9 | 1878.9 | 1878.9 |
| 2°  | 1870.3 | 1870.3 | 1870.3 | 1870.3 | 1870.3 |
| 3°  | 1858.8 | 1858.8 | 1858.8 | 1858.8 | 1858.8 |
| 4°  | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 |
| 5°  | 1830.0 | 1830.0 | 1830.0 | 1830.0 | 1830.0 |
| 6°  | 1796.5 | 1796.5 | 1796.5 | 1796.5 | 1796.5 |
| 7°  | 1762.9 | 1762.9 | 1762.9 | 1762.9 | 1762.9 |
| 8°  | 1719.3 | 1719.3 | 1719.3 | 1719.3 | 1719.3 |
| 9°  | 1665.7 | 1665.7 | 1665.7 | 1665.7 | 1665.7 |
| 10° | 1612.0 | 1612.0 | 1612.0 | 1612.0 | 1612.0 |
| 11° | 1543.6 | 1543.6 | 1543.6 | 1543.6 | 1543.6 |
| 12° | 1475.2 | 1475.2 | 1475.2 | 1475.2 | 1475.2 |
| 13° | 1400.9 | 1400.9 | 1400.9 | 1400.9 | 1400.9 |
| 14° | 1320.7 | 1320.7 | 1320.7 | 1320.7 | 1320.7 |
| 15° | 1240.5 | 1240.5 | 1240.5 | 1240.5 | 1240.5 |
| 16° | 1155.2 | 1155.2 | 1155.2 | 1155.2 | 1155.2 |
| 17° | 1069.9 | 1069.9 | 1069.9 | 1069.9 | 1069.9 |
| 18° | 984.6  | 984.6  | 984.6  | 984.6  | 984.6  |
| 19° | 899.3  | 899.3  | 899.3  | 899.3  | 899.3  |
| 20° | 814.0  | 814.0  | 814.0  | 814.0  | 814.0  |
| 21° | 739.5  | 739.5  | 739.5  | 739.5  | 739.5  |
| 22° | 665.1  | 665.1  | 665.1  | 665.1  | 665.1  |
| 23° | 596.9  | 596.9  | 596.9  | 596.9  | 596.9  |
| 24° | 534.9  | 534.9  | 534.9  | 534.9  | 534.9  |
| 25° | 472.9  | 472.9  | 472.9  | 472.9  | 472.9  |
| 26° | 423.0  | 423.0  | 423.0  | 423.0  | 423.0  |
| 27° | 373.2  | 373.2  | 373.2  | 373.2  | 373.2  |
| 28° | 327.5  | 327.5  | 327.5  | 327.5  | 327.5  |
| 29° | 286.0  | 286.0  | 286.0  | 286.0  | 286.0  |
| 30° | 244.4  | 244.4  | 244.4  | 244.4  | 244.4  |
| 31° | 210.6  | 210.6  | 210.6  | 210.6  | 210.6  |
| 32° | 176.7  | 176.7  | 176.7  | 176.7  | 176.7  |
| 33° | 147.3  | 147.3  | 147.3  | 147.3  | 147.3  |
| 34° | 122.4  | 122.4  | 122.4  | 122.4  | 122.4  |
| 35° | 97.5   | 97.5   | 97.5   | 97.5   | 97.5   |
| 36° | 80.5   | 80.5   | 80.5   | 80.5   | 80.5   |
| 37° | 63.6   | 63.6   | 63.6   | 63.6   | 63.6   |
| 38° | 50.2   | 50.2   | 50.2   | 50.2   | 50.2   |
| 39° | 40.3   | 40.3   | 40.3   | 40.3   | 40.3   |
| 40° | 30.4   | 30.4   | 30.4   | 30.4   | 30.4   |
| 41° | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   |
| 42° | 20.1   | 20.1   | 20.1   | 20.1   | 20.1   |
| 43° | 16.5   | 16.5   | 16.5   | 16.5   | 16.5   |
| 44° | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   |

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|     | 0°   | 22.5° | 45°  | 67.5° | 90°  |
|-----|------|-------|------|-------|------|
| 45° | 12.0 | 12.0  | 12.0 | 12.0  | 12.0 |
| 46° | 10.7 | 10.7  | 10.7 | 10.7  | 10.7 |
| 47° | 9.4  | 9.4   | 9.4  | 9.4   | 9.4  |
| 48° | 8.3  | 8.3   | 8.3  | 8.3   | 8.3  |
| 49° | 7.3  | 7.3   | 7.3  | 7.3   | 7.3  |
| 50° | 6.4  | 6.4   | 6.4  | 6.4   | 6.4  |
| 51° | 5.8  | 5.8   | 5.8  | 5.8   | 5.8  |
| 52° | 5.1  | 5.1   | 5.1  | 5.1   | 5.1  |
| 53° | 4.6  | 4.6   | 4.6  | 4.6   | 4.6  |
| 54° | 4.3  | 4.3   | 4.3  | 4.3   | 4.3  |
| 55° | 4.0  | 4.0   | 4.0  | 4.0   | 4.0  |
| 56° | 3.7  | 3.7   | 3.7  | 3.7   | 3.7  |
| 57° | 3.4  | 3.4   | 3.4  | 3.4   | 3.4  |
| 58° | 3.0  | 3.0   | 3.0  | 3.0   | 3.0  |
| 59° | 2.7  | 2.7   | 2.7  | 2.7   | 2.7  |
| 60° | 2.4  | 2.4   | 2.4  | 2.4   | 2.4  |
| 61° | 2.1  | 2.1   | 2.1  | 2.1   | 2.1  |
| 62° | 1.8  | 1.8   | 1.8  | 1.8   | 1.8  |
| 63° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 64° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 65° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 66° | 1.3  | 1.3   | 1.3  | 1.3   | 1.3  |
| 67° | 1.0  | 1.0   | 1.0  | 1.0   | 1.0  |
| 68° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 69° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 70° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 71° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 72° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 73° | 0.6  | 0.6   | 0.6  | 0.6   | 0.6  |
| 74° | 0.3  | 0.3   | 0.3  | 0.3   | 0.3  |
| 75° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 76° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 77° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 78° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 79° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 80° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 81° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 82° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 83° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 84° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 85° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 86° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 87° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 88° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 89° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  |
|------|------|-------|------|-------|------|
| 90°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 91°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 92°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 93°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 94°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 95°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 96°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 97°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 98°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 99°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 100° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 101° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 102° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 103° | 0.2  | 0.2   | 0.2  | 0.2   | 0.2  |
| 104° | 0.5  | 0.5   | 0.5  | 0.5   | 0.5  |
| 105° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 106° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 107° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 108° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 109° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 110° | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 111° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 112° | 1.4  | 1.4   | 1.4  | 1.4   | 1.4  |
| 113° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 114° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 115° | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 116° | 1.9  | 1.9   | 1.9  | 1.9   | 1.9  |
| 117° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 118° | 2.6  | 2.6   | 2.6  | 2.6   | 2.6  |
| 119° | 2.9  | 2.9   | 2.9  | 2.9   | 2.9  |
| 120° | 3.2  | 3.2   | 3.2  | 3.2   | 3.2  |
| 121° | 3.2  | 3.2   | 3.2  | 3.2   | 3.2  |
| 122° | 3.2  | 3.2   | 3.2  | 3.2   | 3.2  |
| 123° | 3.4  | 3.4   | 3.4  | 3.4   | 3.4  |
| 124° | 3.7  | 3.7   | 3.7  | 3.7   | 3.7  |
| 125° | 4.0  | 4.0   | 4.0  | 4.0   | 4.0  |
| 126° | 4.6  | 4.6   | 4.6  | 4.6   | 4.6  |
| 127° | 5.3  | 5.3   | 5.3  | 5.3   | 5.3  |
| 128° | 5.9  | 5.9   | 5.9  | 5.9   | 5.9  |
| 129° | 6.6  | 6.6   | 6.6  | 6.6   | 6.6  |
| 130° | 7.2  | 7.2   | 7.2  | 7.2   | 7.2  |
| 131° | 8.1  | 8.1   | 8.1  | 8.1   | 8.1  |
| 132° | 9.1  | 9.1   | 9.1  | 9.1   | 9.1  |
| 133° | 10.7 | 10.7  | 10.7 | 10.7  | 10.7 |
| 134° | 12.9 | 12.9  | 12.9 | 12.9  | 12.9 |

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|      | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|------|--------|--------|--------|--------|--------|
| 135° | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   |
| 136° | 20.0   | 20.0   | 20.0   | 20.0   | 20.0   |
| 137° | 24.8   | 24.8   | 24.8   | 24.8   | 24.8   |
| 138° | 31.5   | 31.5   | 31.5   | 31.5   | 31.5   |
| 139° | 40.1   | 40.1   | 40.1   | 40.1   | 40.1   |
| 140° | 48.7   | 48.7   | 48.7   | 48.7   | 48.7   |
| 141° | 62.1   | 62.1   | 62.1   | 62.1   | 62.1   |
| 142° | 75.6   | 75.6   | 75.6   | 75.6   | 75.6   |
| 143° | 91.9   | 91.9   | 91.9   | 91.9   | 91.9   |
| 144° | 111.0  | 111.0  | 111.0  | 111.0  | 111.0  |
| 145° | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  |
| 146° | 155.1  | 155.1  | 155.1  | 155.1  | 155.1  |
| 147° | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  |
| 148° | 206.7  | 206.7  | 206.7  | 206.7  | 206.7  |
| 149° | 235.2  | 235.2  | 235.2  | 235.2  | 235.2  |
| 150° | 263.6  | 263.6  | 263.6  | 263.6  | 263.6  |
| 151° | 295.2  | 295.2  | 295.2  | 295.2  | 295.2  |
| 152° | 326.9  | 326.9  | 326.9  | 326.9  | 326.9  |
| 153° | 361.1  | 361.1  | 361.1  | 361.1  | 361.1  |
| 154° | 397.8  | 397.8  | 397.8  | 397.8  | 397.8  |
| 155° | 434.6  | 434.6  | 434.6  | 434.6  | 434.6  |
| 156° | 482.2  | 482.2  | 482.2  | 482.2  | 482.2  |
| 157° | 529.8  | 529.8  | 529.8  | 529.8  | 529.8  |
| 158° | 587.4  | 587.4  | 587.4  | 587.4  | 587.4  |
| 159° | 655.2  | 655.2  | 655.2  | 655.2  | 655.2  |
| 160° | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  |
| 161° | 814.3  | 814.3  | 814.3  | 814.3  | 814.3  |
| 162° | 905.7  | 905.7  | 905.7  | 905.7  | 905.7  |
| 163° | 1009.2 | 1009.2 | 1009.2 | 1009.2 | 1009.2 |
| 164° | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.9 |
| 165° | 1240.6 | 1240.6 | 1240.6 | 1240.6 | 1240.6 |
| 166° | 1370.0 | 1370.0 | 1370.0 | 1370.0 | 1370.0 |
| 167° | 1506.6 | 1506.6 | 1506.6 | 1506.6 | 1506.6 |
| 168° | 1649.5 | 1649.5 | 1649.5 | 1649.5 | 1649.5 |
| 169° | 1794.9 | 1794.9 | 1794.9 | 1794.9 | 1794.9 |
| 170° | 1947.5 | 1947.5 | 1947.5 | 1947.5 | 1947.5 |
| 171° | 2097.7 | 2097.7 | 2097.7 | 2097.7 | 2097.7 |
| 172° | 2247.1 | 2247.1 | 2247.1 | 2247.1 | 2247.1 |
| 173° | 2388.4 | 2388.4 | 2388.4 | 2388.4 | 2388.4 |
| 174° | 2517.8 | 2517.8 | 2517.8 | 2517.8 | 2517.8 |
| 175° | 2626.5 | 2626.5 | 2626.5 | 2626.5 | 2626.5 |
| 176° | 2717.5 | 2717.5 | 2717.5 | 2717.5 | 2717.5 |
| 177° | 2787.0 | 2787.0 | 2787.0 | 2787.0 | 2787.0 |
| 178° | 2840.6 | 2840.6 | 2840.6 | 2840.6 | 2840.6 |
| 179° | 2881.3 | 2881.3 | 2881.3 | 2881.3 | 2881.3 |



TEST NUMBER: P1057271  
CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|      | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|------|--------|--------|--------|--------|--------|
| 180° | 2899.7 | 2899.7 | 2899.7 | 2899.7 | 2899.7 |

TEST NUMBER: P1057271

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-15L-FL-NF-U-S-X-X-BLAK

**CIE UGR TABLE:**

| Reflectances:   |      |                  |      |      |      |      |                |      |      |      |      |
|-----------------|------|------------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling         |      | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  | 0.7            | 0.7  | 0.5  | 0.5  | 0.3  |
| Wall            |      | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  | 0.5            | 0.3  | 0.5  | 0.3  | 0.3  |
| Reference plane |      | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2  | 0.2  | 0.2  |
| Room dimensions |      | Viewed crosswise |      |      |      |      | Viewed endwise |      |      |      |      |
| X=2H            | Y=2H | 0.02             | 0.65 | 1.04 | 1.65 | 2.97 | 0.02           | 0.65 | 1.04 | 1.65 | 2.97 |
|                 | 3H   | 0.22             | 0.78 | 1.26 | 1.79 | 3.13 | 0.22           | 0.78 | 1.26 | 1.79 | 3.13 |
|                 | 4H   | 0.15             | 0.68 | 1.19 | 1.69 | 3.04 | 0.15           | 0.68 | 1.19 | 1.69 | 3.04 |
|                 | 6H   | 0.03             | 0.52 | 1.09 | 1.53 | 2.89 | 0.03           | 0.52 | 1.09 | 1.53 | 2.89 |
|                 | 8H   | 0.00             | 0.43 | 1.03 | 1.46 | 2.81 | 0.00           | 0.43 | 1.03 | 1.46 | 2.81 |
|                 | 12H  | 0.00             | 0.34 | 0.96 | 1.36 | 2.74 | 0.00           | 0.34 | 0.96 | 1.36 | 2.74 |
| 4H              | 2H   | 0.10             | 0.63 | 1.15 | 1.64 | 2.99 | 0.10           | 0.63 | 1.15 | 1.64 | 2.99 |
|                 | 3H   | 0.46             | 0.90 | 1.52 | 1.94 | 3.30 | 0.46           | 0.90 | 1.52 | 1.94 | 3.30 |
|                 | 4H   | 0.38             | 0.78 | 1.43 | 1.81 | 3.19 | 0.38           | 0.78 | 1.43 | 1.81 | 3.19 |
|                 | 6H   | 0.26             | 0.60 | 1.33 | 1.66 | 3.04 | 0.26           | 0.60 | 1.33 | 1.66 | 3.04 |
|                 | 8H   | 0.20             | 0.51 | 1.26 | 1.56 | 2.95 | 0.20           | 0.51 | 1.26 | 1.56 | 2.95 |
|                 | 12H  | 0.12             | 0.41 | 1.20 | 1.47 | 2.86 | 0.12           | 0.41 | 1.20 | 1.47 | 2.86 |
| 8H              | 4H   | 0.24             | 0.56 | 1.31 | 1.60 | 3.00 | 0.24           | 0.56 | 1.31 | 1.60 | 3.00 |
|                 | 6H   | 0.12             | 0.38 | 1.21 | 1.47 | 2.86 | 0.12           | 0.38 | 1.21 | 1.47 | 2.86 |
|                 | 8H   | 0.06             | 0.28 | 1.15 | 1.36 | 2.77 | 0.06           | 0.28 | 1.15 | 1.36 | 2.77 |
|                 | 12H  | 0.00             | 0.18 | 1.08 | 1.25 | 2.70 | 0.00           | 0.18 | 1.08 | 1.25 | 2.70 |
| 12H             | 4H   | 0.17             | 0.45 | 1.25 | 1.51 | 2.91 | 0.17           | 0.45 | 1.25 | 1.51 | 2.91 |
|                 | 6H   | 0.06             | 0.28 | 1.15 | 1.36 | 2.77 | 0.06           | 0.28 | 1.15 | 1.36 | 2.77 |
|                 | 8H   | 0.00             | 0.18 | 1.08 | 1.25 | 2.70 | 0.00           | 0.18 | 1.08 | 1.25 | 2.70 |

END OF REPORT