

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: P1057291

Luminaire Tested: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

Issue Date: 8/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1057291  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2504-407-3, G2-2504-407-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK  
Description: PrentaLux 2-INCH CYLINDER  
DOWNLIGHT 1000 LUMENS, MEDIUM OPTIC (23-DEGREES)  
UPLIGHT 1000 LUMENS, NARROW FLOOD OPTIC (27-DEGREES)  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

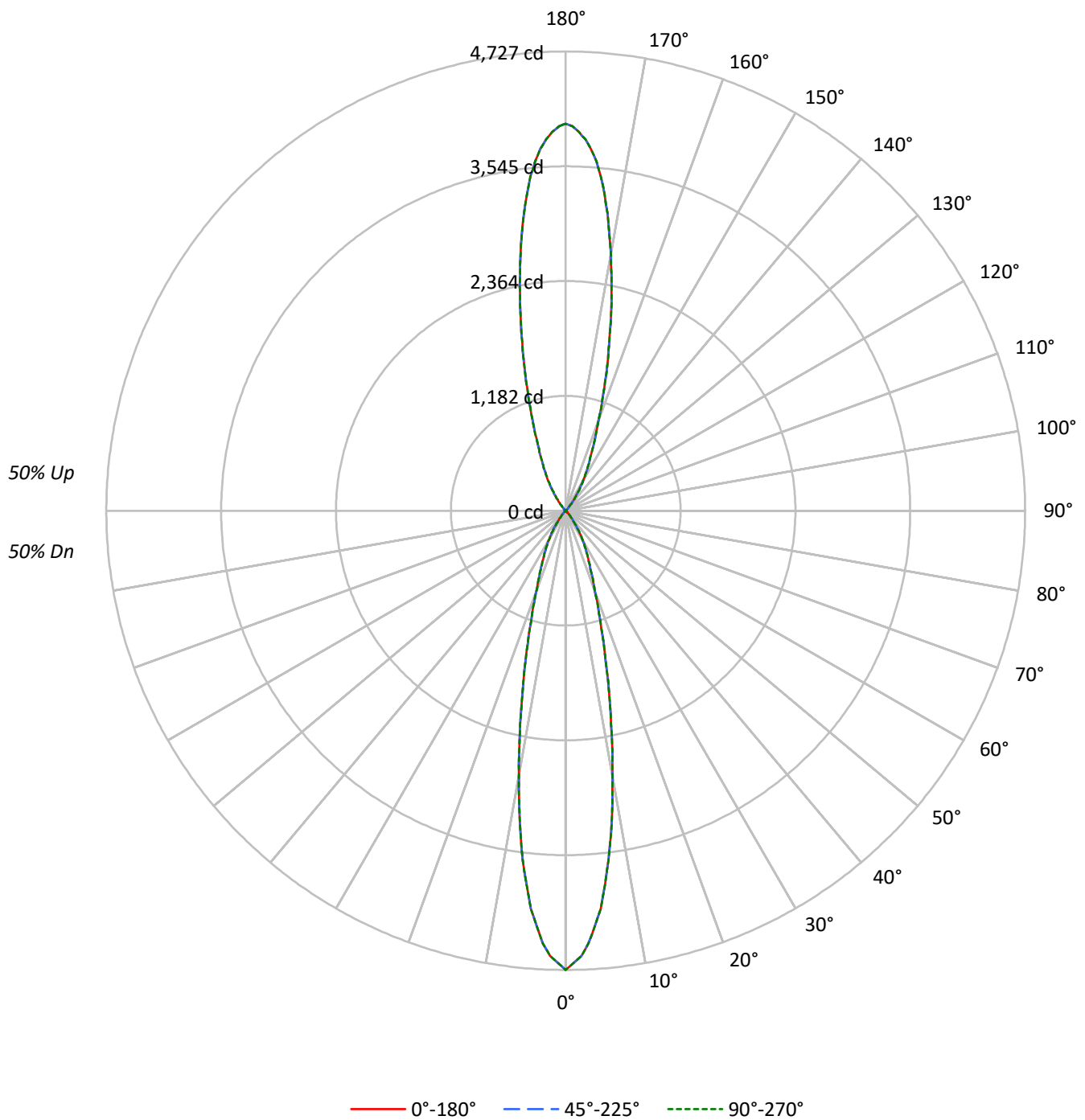
Lumens per Lamp: N/A  
Luminaire Lumens: 2404.6 lumens  
Efficiency: N/A  
Efficacy: 134.3 lumens/watt  
Spacing Criteria (0/90/45): 0.39 / 0.39 / 0.42  
Luminous Opening: Circular (Dia: 0.15' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 17.9  
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: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

### Luminous Intensity Polar Plot



TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-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 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 |
| 1   | 100 | 97  | 95  | 92  | 93 | 90 | 88 | 86 | 77 | 75 | 74 | 65 | 64 | 63 | 54 | 53 | 53 |
| 2   | 94  | 89  | 85  | 81  | 87 | 83 | 79 | 76 | 72 | 69 | 67 | 61 | 60 | 58 | 52 | 51 | 50 |
| 3   | 89  | 82  | 77  | 72  | 83 | 77 | 72 | 69 | 67 | 64 | 61 | 58 | 56 | 54 | 49 | 48 | 47 |
| 4   | 84  | 76  | 70  | 66  | 78 | 71 | 66 | 63 | 63 | 59 | 56 | 55 | 53 | 51 | 48 | 46 | 45 |
| 5   | 79  | 71  | 65  | 60  | 74 | 67 | 61 | 58 | 59 | 55 | 53 | 52 | 50 | 48 | 46 | 44 | 43 |
| 6   | 75  | 66  | 60  | 56  | 70 | 62 | 57 | 53 | 56 | 52 | 49 | 50 | 47 | 45 | 44 | 42 | 41 |
| 7   | 71  | 62  | 56  | 52  | 67 | 59 | 54 | 50 | 53 | 49 | 46 | 48 | 45 | 43 | 42 | 41 | 39 |
| 8   | 68  | 58  | 52  | 48  | 64 | 56 | 50 | 47 | 50 | 47 | 44 | 46 | 43 | 41 | 41 | 39 | 38 |
| 9   | 65  | 55  | 49  | 46  | 61 | 53 | 48 | 44 | 48 | 44 | 42 | 44 | 41 | 39 | 40 | 38 | 36 |
| 10  | 62  | 52  | 47  | 43  | 58 | 50 | 45 | 42 | 46 | 42 | 40 | 42 | 39 | 37 | 38 | 36 | 35 |

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

|     | 0°      | 45°     | 90°     |
|-----|---------|---------|---------|
| 0°  | 3046043 | 3046043 | 3046043 |
| 5°  | 2660946 | 2660946 | 2660946 |
| 10° | 1815066 | 1815066 | 1815066 |
| 15° | 1057770 | 1057770 | 1057770 |
| 20° | 602729  | 602729  | 602729  |
| 25° | 390076  | 390076  | 390076  |
| 30° | 257984  | 257984  | 257984  |
| 35° | 135547  | 135547  | 135547  |
| 40° | 52577   | 52577   | 52577   |
| 45° | 17042   | 17042   | 17042   |
| 50° | 8822    | 8822    | 8822    |
| 55° | 6179    | 6179    | 6179    |
| 60° | 4253    | 4253    | 4253    |
| 65° | 3355    | 3355    | 3355    |
| 70° | 2073    | 2073    | 2073    |
| 75° | 2739    | 2739    | 2739    |
| 80° | 0       | 0       | 0       |
| 85° | 0       | 0       | 0       |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17042 cd/sqm

TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 347.9  | 14.5      |
| 10°-20°   | 446.4  | 18.6      |
| 20°-30°   | 257.7  | 10.7      |
| 30°-40°   | 112.8  | 4.7       |
| 40°-50°   | 19.1   | 0.8       |
| 50°-60°   | 5.0    | 0.2       |
| 60°-70°   | 2.4    | 0.1       |
| 70°-80°   | 0.7    | 0.0       |
| 80°-90°   | 0.0    | 0.0       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.8    | 0.0       |
| 110°-120° | 2.6    | 0.1       |
| 120°-130° | 5.5    | 0.2       |
| 130°-140° | 20.7   | 0.9       |
| 140°-150° | 117.3  | 4.9       |
| 150°-160° | 281.4  | 11.7      |
| 160°-170° | 470.7  | 19.6      |
| 170°-180° | 313.6  | 13.0      |
| 0°-30°    | 1052.1 | 43.8      |
| 0°-40°    | 1164.8 | 48.4      |
| 0°-60°    | 1189.0 | 49.4      |
| 0°-90°    | 1192.1 | 49.6      |
| 90°-120°  | 3.3    | 0.1       |
| 90°-150°  | 146.8  | 6.1       |
| 90°-180°  | 1213.0 | 50.4      |
| 0°-180°   | 2404.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 22.5° | 45°  | 67.5° | 90°  | Flux |
|------|------|-------|------|-------|------|------|
| 0°   | 4727 | 4727  | 4727 | 4727  | 4727 |      |
| 5°   | 4114 | 4114  | 4114 | 4114  | 4114 | 348  |
| 15°  | 1586 | 1586  | 1586 | 1586  | 1586 | 446  |
| 25°  | 549  | 549   | 549  | 549   | 549  | 258  |
| 35°  | 172  | 172   | 172  | 172   | 172  | 113  |
| 45°  | 19   | 19    | 19   | 19    | 19   | 19   |
| 55°  | 6    | 6     | 6    | 6     | 6    | 5    |
| 65°  | 2    | 2     | 2    | 2     | 2    | 2    |
| 75°  | 1    | 1     | 1    | 1     | 1    | 1    |
| 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    | 3    |
| 125° | 6    | 6     | 6    | 6     | 6    | 5    |
| 135° | 21   | 21    | 21   | 21    | 21   | 21   |
| 145° | 179  | 179   | 179  | 179   | 179  | 117  |
| 155° | 597  | 597   | 597  | 597   | 597  | 281  |
| 165° | 1704 | 1704  | 1704 | 1704  | 1704 | 471  |
| 175° | 3608 | 3608  | 3608 | 3608  | 3608 | 314  |
| 180° | 3983 | 3983  | 3983 | 3983  | 3983 |      |

TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (FULL):**

|     | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 4726.8 | 4726.8 | 4726.8 | 4726.8 | 4726.8 |
| 1°  | 4656.2 | 4656.2 | 4656.2 | 4656.2 | 4656.2 |
| 2°  | 4585.5 | 4585.5 | 4585.5 | 4585.5 | 4585.5 |
| 3°  | 4462.8 | 4462.8 | 4462.8 | 4462.8 | 4462.8 |
| 4°  | 4288.2 | 4288.2 | 4288.2 | 4288.2 | 4288.2 |
| 5°  | 4113.5 | 4113.5 | 4113.5 | 4113.5 | 4113.5 |
| 6°  | 3866.4 | 3866.4 | 3866.4 | 3866.4 | 3866.4 |
| 7°  | 3619.3 | 3619.3 | 3619.3 | 3619.3 | 3619.3 |
| 8°  | 3351.4 | 3351.4 | 3351.4 | 3351.4 | 3351.4 |
| 9°  | 3062.6 | 3062.6 | 3062.6 | 3062.6 | 3062.6 |
| 10° | 2773.8 | 2773.8 | 2773.8 | 2773.8 | 2773.8 |
| 11° | 2511.3 | 2511.3 | 2511.3 | 2511.3 | 2511.3 |
| 12° | 2248.9 | 2248.9 | 2248.9 | 2248.9 | 2248.9 |
| 13° | 2011.2 | 2011.2 | 2011.2 | 2011.2 | 2011.2 |
| 14° | 1798.3 | 1798.3 | 1798.3 | 1798.3 | 1798.3 |
| 15° | 1585.5 | 1585.5 | 1585.5 | 1585.5 | 1585.5 |
| 16° | 1420.5 | 1420.5 | 1420.5 | 1420.5 | 1420.5 |
| 17° | 1255.4 | 1255.4 | 1255.4 | 1255.4 | 1255.4 |
| 18° | 1114.1 | 1114.1 | 1114.1 | 1114.1 | 1114.1 |
| 19° | 996.5  | 996.5  | 996.5  | 996.5  | 996.5  |
| 20° | 878.9  | 878.9  | 878.9  | 878.9  | 878.9  |
| 21° | 801.2  | 801.2  | 801.2  | 801.2  | 801.2  |
| 22° | 723.5  | 723.5  | 723.5  | 723.5  | 723.5  |
| 23° | 657.5  | 657.5  | 657.5  | 657.5  | 657.5  |
| 24° | 603.0  | 603.0  | 603.0  | 603.0  | 603.0  |
| 25° | 548.6  | 548.6  | 548.6  | 548.6  | 548.6  |
| 26° | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  |
| 27° | 464.3  | 464.3  | 464.3  | 464.3  | 464.3  |
| 28° | 424.0  | 424.0  | 424.0  | 424.0  | 424.0  |
| 29° | 385.3  | 385.3  | 385.3  | 385.3  | 385.3  |
| 30° | 346.7  | 346.7  | 346.7  | 346.7  | 346.7  |
| 31° | 310.3  | 310.3  | 310.3  | 310.3  | 310.3  |
| 32° | 273.9  | 273.9  | 273.9  | 273.9  | 273.9  |
| 33° | 239.0  | 239.0  | 239.0  | 239.0  | 239.0  |
| 34° | 205.6  | 205.6  | 205.6  | 205.6  | 205.6  |
| 35° | 172.3  | 172.3  | 172.3  | 172.3  | 172.3  |
| 36° | 146.8  | 146.8  | 146.8  | 146.8  | 146.8  |
| 37° | 121.4  | 121.4  | 121.4  | 121.4  | 121.4  |
| 38° | 99.4   | 99.4   | 99.4   | 99.4   | 99.4   |
| 39° | 81.0   | 81.0   | 81.0   | 81.0   | 81.0   |
| 40° | 62.5   | 62.5   | 62.5   | 62.5   | 62.5   |
| 41° | 51.6   | 51.6   | 51.6   | 51.6   | 51.6   |
| 42° | 40.6   | 40.6   | 40.6   | 40.6   | 40.6   |
| 43° | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 44° | 25.2   | 25.2   | 25.2   | 25.2   | 25.2   |

TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|     | 0°   | 22.5° | 45°  | 67.5° | 90°  |
|-----|------|-------|------|-------|------|
| 45° | 18.7 | 18.7  | 18.7 | 18.7  | 18.7 |
| 46° | 16.0 | 16.0  | 16.0 | 16.0  | 16.0 |
| 47° | 13.4 | 13.4  | 13.4 | 13.4  | 13.4 |
| 48° | 11.4 | 11.4  | 11.4 | 11.4  | 11.4 |
| 49° | 10.1 | 10.1  | 10.1 | 10.1  | 10.1 |
| 50° | 8.8  | 8.8   | 8.8  | 8.8   | 8.8  |
| 51° | 7.9  | 7.9   | 7.9  | 7.9   | 7.9  |
| 52° | 7.0  | 7.0   | 7.0  | 7.0   | 7.0  |
| 53° | 6.4  | 6.4   | 6.4  | 6.4   | 6.4  |
| 54° | 5.9  | 5.9   | 5.9  | 5.9   | 5.9  |
| 55° | 5.5  | 5.5   | 5.5  | 5.5   | 5.5  |
| 56° | 5.0  | 5.0   | 5.0  | 5.0   | 5.0  |
| 57° | 4.6  | 4.6   | 4.6  | 4.6   | 4.6  |
| 58° | 4.2  | 4.2   | 4.2  | 4.2   | 4.2  |
| 59° | 3.7  | 3.7   | 3.7  | 3.7   | 3.7  |
| 60° | 3.3  | 3.3   | 3.3  | 3.3   | 3.3  |
| 61° | 3.3  | 3.3   | 3.3  | 3.3   | 3.3  |
| 62° | 3.3  | 3.3   | 3.3  | 3.3   | 3.3  |
| 63° | 3.1  | 3.1   | 3.1  | 3.1   | 3.1  |
| 64° | 2.6  | 2.6   | 2.6  | 2.6   | 2.6  |
| 65° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 66° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 67° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 68° | 2.0  | 2.0   | 2.0  | 2.0   | 2.0  |
| 69° | 1.5  | 1.5   | 1.5  | 1.5   | 1.5  |
| 70° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 71° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 72° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 73° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 74° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 75° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 76° | 0.7  | 0.7   | 0.7  | 0.7   | 0.7  |
| 77° | 0.2  | 0.2   | 0.2  | 0.2   | 0.2  |
| 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: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-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° | 0.7  | 0.7   | 0.7  | 0.7   | 0.7  |
| 105° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 106° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 107° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 108° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 109° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 110° | 1.1  | 1.1   | 1.1  | 1.1   | 1.1  |
| 111° | 1.5  | 1.5   | 1.5  | 1.5   | 1.5  |
| 112° | 2.0  | 2.0   | 2.0  | 2.0   | 2.0  |
| 113° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 114° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 115° | 2.2  | 2.2   | 2.2  | 2.2   | 2.2  |
| 116° | 2.6  | 2.6   | 2.6  | 2.6   | 2.6  |
| 117° | 3.1  | 3.1   | 3.1  | 3.1   | 3.1  |
| 118° | 3.5  | 3.5   | 3.5  | 3.5   | 3.5  |
| 119° | 4.0  | 4.0   | 4.0  | 4.0   | 4.0  |
| 120° | 4.4  | 4.4   | 4.4  | 4.4   | 4.4  |
| 121° | 4.4  | 4.4   | 4.4  | 4.4   | 4.4  |
| 122° | 4.4  | 4.4   | 4.4  | 4.4   | 4.4  |
| 123° | 4.6  | 4.6   | 4.6  | 4.6   | 4.6  |
| 124° | 5.0  | 5.0   | 5.0  | 5.0   | 5.0  |
| 125° | 5.5  | 5.5   | 5.5  | 5.5   | 5.5  |
| 126° | 6.4  | 6.4   | 6.4  | 6.4   | 6.4  |
| 127° | 7.2  | 7.2   | 7.2  | 7.2   | 7.2  |
| 128° | 8.1  | 8.1   | 8.1  | 8.1   | 8.1  |
| 129° | 9.0  | 9.0   | 9.0  | 9.0   | 9.0  |
| 130° | 9.9  | 9.9   | 9.9  | 9.9   | 9.9  |
| 131° | 11.2 | 11.2  | 11.2 | 11.2  | 11.2 |
| 132° | 12.5 | 12.5  | 12.5 | 12.5  | 12.5 |
| 133° | 14.7 | 14.7  | 14.7 | 14.7  | 14.7 |
| 134° | 17.8 | 17.8  | 17.8 | 17.8  | 17.8 |

TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

**CANDELA DISTRIBUTION (continued):**

|      | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|------|--------|--------|--------|--------|--------|
| 135° | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   |
| 136° | 27.4   | 27.4   | 27.4   | 27.4   | 27.4   |
| 137° | 34.0   | 34.0   | 34.0   | 34.0   | 34.0   |
| 138° | 43.2   | 43.2   | 43.2   | 43.2   | 43.2   |
| 139° | 55.1   | 55.1   | 55.1   | 55.1   | 55.1   |
| 140° | 66.9   | 66.9   | 66.9   | 66.9   | 66.9   |
| 141° | 85.4   | 85.4   | 85.4   | 85.4   | 85.4   |
| 142° | 103.8  | 103.8  | 103.8  | 103.8  | 103.8  |
| 143° | 126.2  | 126.2  | 126.2  | 126.2  | 126.2  |
| 144° | 152.5  | 152.5  | 152.5  | 152.5  | 152.5  |
| 145° | 178.9  | 178.9  | 178.9  | 178.9  | 178.9  |
| 146° | 213.1  | 213.1  | 213.1  | 213.1  | 213.1  |
| 147° | 247.3  | 247.3  | 247.3  | 247.3  | 247.3  |
| 148° | 284.0  | 284.0  | 284.0  | 284.0  | 284.0  |
| 149° | 323.0  | 323.0  | 323.0  | 323.0  | 323.0  |
| 150° | 362.1  | 362.1  | 362.1  | 362.1  | 362.1  |
| 151° | 405.5  | 405.5  | 405.5  | 405.5  | 405.5  |
| 152° | 449.0  | 449.0  | 449.0  | 449.0  | 449.0  |
| 153° | 496.0  | 496.0  | 496.0  | 496.0  | 496.0  |
| 154° | 546.4  | 546.4  | 546.4  | 546.4  | 546.4  |
| 155° | 596.9  | 596.9  | 596.9  | 596.9  | 596.9  |
| 156° | 662.3  | 662.3  | 662.3  | 662.3  | 662.3  |
| 157° | 727.7  | 727.7  | 727.7  | 727.7  | 727.7  |
| 158° | 806.9  | 806.9  | 806.9  | 806.9  | 806.9  |
| 159° | 900.0  | 900.0  | 900.0  | 900.0  | 900.0  |
| 160° | 993.0  | 993.0  | 993.0  | 993.0  | 993.0  |
| 161° | 1118.5 | 1118.5 | 1118.5 | 1118.5 | 1118.5 |
| 162° | 1244.1 | 1244.1 | 1244.1 | 1244.1 | 1244.1 |
| 163° | 1386.3 | 1386.3 | 1386.3 | 1386.3 | 1386.3 |
| 164° | 1545.2 | 1545.2 | 1545.2 | 1545.2 | 1545.2 |
| 165° | 1704.0 | 1704.0 | 1704.0 | 1704.0 | 1704.0 |
| 166° | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 167° | 2069.4 | 2069.4 | 2069.4 | 2069.4 | 2069.4 |
| 168° | 2265.8 | 2265.8 | 2265.8 | 2265.8 | 2265.8 |
| 169° | 2465.5 | 2465.5 | 2465.5 | 2465.5 | 2465.5 |
| 170° | 2675.1 | 2675.1 | 2675.1 | 2675.1 | 2675.1 |
| 171° | 2881.4 | 2881.4 | 2881.4 | 2881.4 | 2881.4 |
| 172° | 3086.6 | 3086.6 | 3086.6 | 3086.6 | 3086.6 |
| 173° | 3280.8 | 3280.8 | 3280.8 | 3280.8 | 3280.8 |
| 174° | 3458.6 | 3458.6 | 3458.6 | 3458.6 | 3458.6 |
| 175° | 3607.8 | 3607.8 | 3607.8 | 3607.8 | 3607.8 |
| 176° | 3732.9 | 3732.9 | 3732.9 | 3732.9 | 3732.9 |
| 177° | 3828.3 | 3828.3 | 3828.3 | 3828.3 | 3828.3 |
| 178° | 3901.9 | 3901.9 | 3901.9 | 3901.9 | 3901.9 |
| 179° | 3957.8 | 3957.8 | 3957.8 | 3957.8 | 3957.8 |



TEST NUMBER: P1057291  
CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-NF-U-S-X-X-BLAK

CANDELA DISTRIBUTION (continued):

|      | 0°     | 22.5°  | 45°    | 67.5°  | 90°    |
|------|--------|--------|--------|--------|--------|
| 180° | 3983.1 | 3983.1 | 3983.1 | 3983.1 | 3983.1 |

TEST NUMBER: P1057291

CATALOG NUMBER: PRLX-CYL2W-DI-X-930-20L-MD-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 | 1.11             | 1.74 | 2.12 | 2.73 | 4.02 | 1.11           | 1.74 | 2.12 | 2.73 | 4.02 |
|                 | 3H   | 1.81             | 2.38 | 2.83 | 3.37 | 4.69 | 1.81           | 2.38 | 2.83 | 3.37 | 4.69 |
|                 | 4H   | 2.07             | 2.60 | 3.10 | 3.60 | 4.93 | 2.07           | 2.60 | 3.10 | 3.60 | 4.93 |
|                 | 6H   | 1.95             | 2.45 | 2.99 | 3.45 | 4.78 | 1.95           | 2.45 | 2.99 | 3.45 | 4.78 |
|                 | 8H   | 1.89             | 2.36 | 2.94 | 3.37 | 4.70 | 1.89           | 2.36 | 2.94 | 3.37 | 4.70 |
|                 | 12H  | 1.83             | 2.27 | 2.87 | 3.28 | 4.63 | 1.83           | 2.27 | 2.87 | 3.28 | 4.63 |
| 4H              | 2H   | 1.22             | 1.75 | 2.26 | 2.75 | 4.08 | 1.22           | 1.75 | 2.26 | 2.75 | 4.08 |
|                 | 3H   | 2.00             | 2.44 | 3.04 | 3.47 | 4.81 | 2.00           | 2.44 | 3.04 | 3.47 | 4.81 |
|                 | 4H   | 2.38             | 2.79 | 3.42 | 3.80 | 5.16 | 2.38           | 2.79 | 3.42 | 3.80 | 5.16 |
|                 | 6H   | 2.27             | 2.61 | 3.32 | 3.65 | 5.01 | 2.27           | 2.61 | 3.32 | 3.65 | 5.01 |
|                 | 8H   | 2.20             | 2.52 | 3.25 | 3.55 | 4.92 | 2.20           | 2.52 | 3.25 | 3.55 | 4.92 |
|                 | 12H  | 2.13             | 2.41 | 3.19 | 3.46 | 4.83 | 2.13           | 2.41 | 3.19 | 3.46 | 4.83 |
| 8H              | 4H   | 2.32             | 2.64 | 3.37 | 3.67 | 5.04 | 2.32           | 2.64 | 3.37 | 3.67 | 5.04 |
|                 | 6H   | 2.20             | 2.46 | 3.27 | 3.54 | 4.90 | 2.20           | 2.46 | 3.27 | 3.54 | 4.90 |
|                 | 8H   | 2.14             | 2.36 | 3.22 | 3.43 | 4.81 | 2.14           | 2.36 | 3.22 | 3.43 | 4.81 |
|                 | 12H  | 2.07             | 2.27 | 3.15 | 3.32 | 4.75 | 2.07           | 2.27 | 3.15 | 3.32 | 4.75 |
| 12H             | 4H   | 2.24             | 2.53 | 3.31 | 3.58 | 4.95 | 2.24           | 2.53 | 3.31 | 3.58 | 4.95 |
|                 | 6H   | 2.14             | 2.36 | 3.22 | 3.43 | 4.81 | 2.14           | 2.36 | 3.22 | 3.43 | 4.81 |
|                 | 8H   | 2.07             | 2.27 | 3.15 | 3.32 | 4.75 | 2.07           | 2.27 | 3.15 | 3.32 | 4.75 |

END OF REPORT