

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: IRiS

Report Number: P1337057

Luminaire Tested: P3A05R20B2750DE010 E3A451GPH\_2700K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1337057  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R20B2750DE010 E3A451GPH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3A451GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

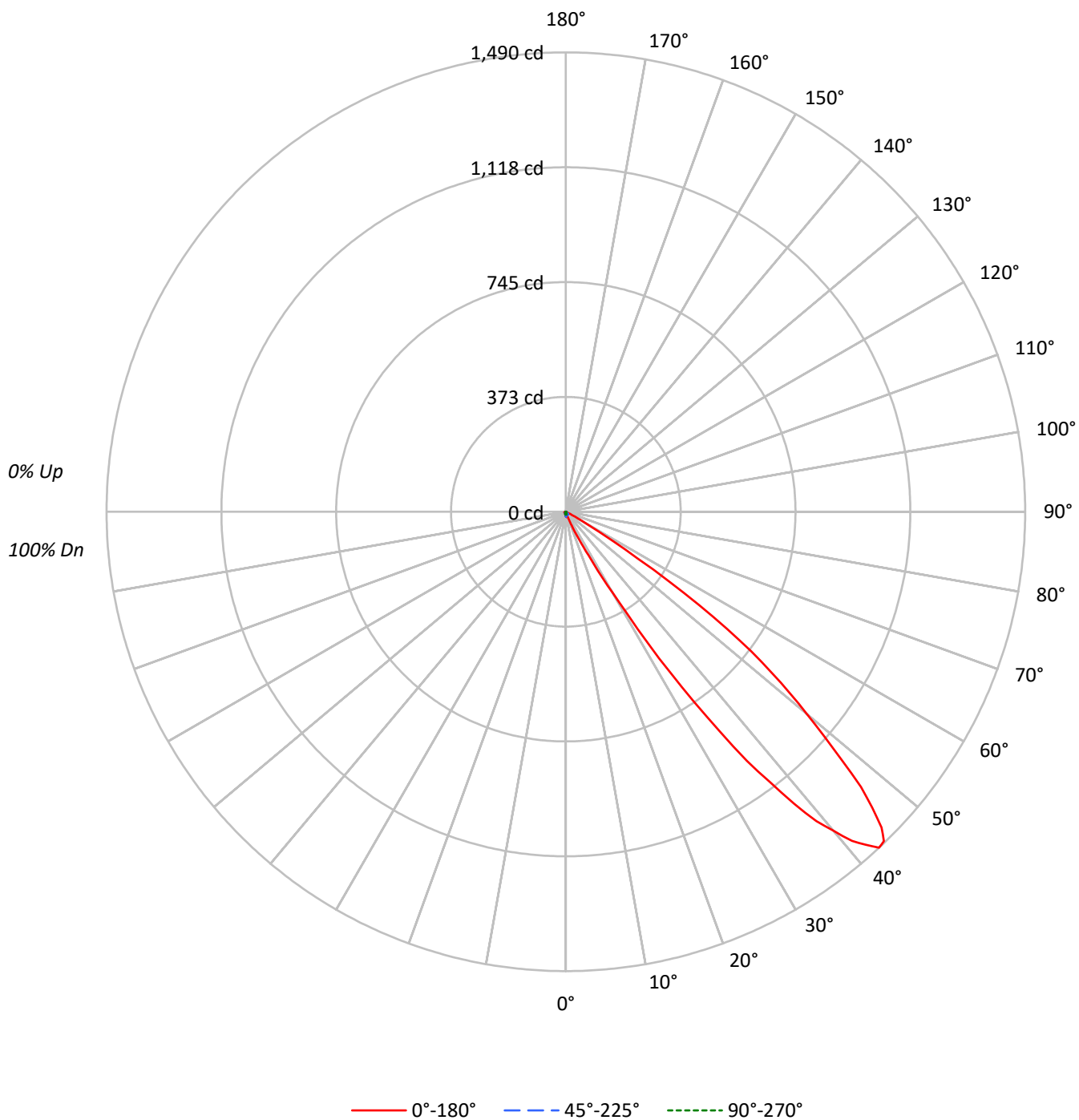
Lumens per Lamp: N/A  
Luminaire Lumens: 207.0 lumens  
Efficiency: N/A  
Efficacy: 35.1 lumens/watt  
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.14  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 5.9  
Input Voltage (V): NR  
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: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |     | 30  |     |     |     | 10  |     |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |    |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  | 87  |    |    |    |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  | 73  |    |    |    |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 65  | 72  | 67  | 63  | 61  |    |    |    |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  | 51  |    |    |    |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  | 42  |    |    |    |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 38  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 38  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 31  | 29  |    |    |    |
| 8   | 57  | 42  | 33  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 31  | 27  | 25  |    |    |    |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  | 21  |    |    |    |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 19  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |    |

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 3158   | 3158 | 3158 | 3158 | 3158 |
| 5°  | 3676   | 3434 | 2950 | 2575 | 2487 |
| 10° | 3629   | 3117 | 2338 | 1982 | 1959 |
| 15° | 3178   | 2384 | 1725 | 1589 | 1680 |
| 20° | 4714   | 2007 | 1260 | 1353 | 1493 |
| 25° | 20324  | 2081 | 992  | 1234 | 1452 |
| 30° | 76898  | 2507 | 836  | 1190 | 1418 |
| 35° | 233080 | 3025 | 776  | 1205 | 1499 |
| 40° | 386496 | 3006 | 658  | 1288 | 1603 |
| 45° | 449256 | 2047 | 589  | 1333 | 1737 |
| 50° | 348748 | 1126 | 614  | 1399 | 1979 |
| 55° | 201857 | 726  | 612  | 1567 | 2141 |
| 60° | 34120  | 175  | 526  | 1623 | 2368 |
| 65° | 2646   | 0    | 623  | 1816 | 2750 |
| 70° | 385    | 0    | 769  | 1988 | 3142 |
| 75° | 339    | 169  | 847  | 2288 | 3643 |
| 80° | 253    | 253  | 1263 | 2399 | 4167 |
| 85° | 503    | 503  | 2013 | 2516 | 4529 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 449256 cd/sqm

TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.2    | 0.6       |
| 10°-20°   | 2.6    | 1.3       |
| 20°-30°   | 8.3    | 4.0       |
| 30°-40°   | 52.8   | 25.5      |
| 40°-50°   | 96.6   | 46.7      |
| 50°-60°   | 39.7   | 19.2      |
| 60°-70°   | 3.4    | 1.6       |
| 70°-80°   | 1.7    | 0.8       |
| 80°-90°   | 0.8    | 0.4       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 12.1   | 5.8       |
| 0°-40°    | 64.9   | 31.3      |
| 0°-60°    | 201.2  | 97.2      |
| 0°-90°    | 207.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 207.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 14   | 14  | 14  | 14   | 14   |      |
| 5°  | 17   | 16  | 13  | 12   | 11   | 2    |
| 15° | 14   | 10  | 8   | 7    | 7    | 4    |
| 25° | 84   | 9   | 4   | 5    | 6    | 55   |
| 35° | 871  | 11  | 3   | 4    | 6    | 551  |
| 45° | 1449 | 7   | 2   | 4    | 6    | 1040 |
| 55° | 528  | 2   | 2   | 4    | 6    | 462  |
| 65° | 5    | 0   | 1   | 4    | 5    | 16   |
| 75° | 0    | 0   | 1   | 3    | 4    | 0    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 0°    | 14.4   | 14.4   | 14.4   | 14.4   | 14.4   | 14.4  | 14.4  | 14.4  | 14.4  | 14.4  | 14.4 |
| 2.5°  | 15.8   | 15.8   | 15.8   | 15.6   | 15.6   | 15.8  | 15.6  | 15.6  | 15.6  | 15.6  | 15.4 |
| 5°    | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7  | 16.7  | 16.5  | 16.5  | 16.3  | 15.6 |
| 7.5°  | 17.1   | 17.1   | 17.1   | 17.1   | 16.9   | 16.9  | 16.9  | 16.9  | 16.7  | 16.5  | 15.2 |
| 10°   | 16.3   | 16.3   | 16.3   | 16.1   | 16.1   | 16.1  | 16.0  | 16.0  | 15.8  | 15.6  | 14.0 |
| 12.5° | 14.8   | 14.8   | 14.8   | 14.8   | 14.6   | 14.6  | 14.4  | 14.4  | 14.2  | 14.0  | 12.3 |
| 15°   | 14.0   | 14.0   | 14.0   | 13.8   | 13.8   | 13.6  | 13.4  | 13.2  | 13.0  | 12.6  | 10.5 |
| 17.5° | 15.2   | 15.2   | 15.0   | 15.0   | 14.6   | 14.2  | 14.0  | 13.4  | 13.0  | 12.5  | 9.3  |
| 20°   | 20.2   | 20.4   | 19.6   | 19.1   | 18.7   | 17.5  | 16.9  | 16.0  | 15.2  | 14.2  | 8.6  |
| 22.5° | 40.9   | 40.1   | 38.7   | 36.6   | 34.0   | 31.9  | 28.0  | 24.9  | 22.8  | 19.8  | 8.4  |
| 25°   | 84.0   | 83.3   | 79.6   | 76.5   | 68.7   | 62.6  | 54.3  | 47.5  | 40.5  | 33.7  | 8.6  |
| 27.5° | 159.7  | 154.5  | 153.5  | 139.3  | 128.4  | 112.8 | 96.7  | 83.1  | 70.6  | 56.8  | 9.1  |
| 30°   | 303.7  | 297.6  | 276.4  | 255.0  | 225.7  | 192.4 | 160.7 | 131.1 | 106.4 | 84.0  | 9.9  |
| 31°   | 385.4  | 391.2  | 366.3  | 323.3  | 279.9  | 237.3 | 193.9 | 156.4 | 124.5 | 96.7  | 10.3 |
| 32°   | 506.6  | 481.1  | 454.8  | 410.7  | 347.6  | 293.2 | 238.7 | 184.6 | 142.6 | 110.3 | 10.7 |
| 33°   | 621.1  | 606.2  | 566.1  | 511.0  | 435.4  | 358.9 | 288.3 | 217.9 | 164.8 | 126.8 | 10.9 |
| 34°   | 743.3  | 726.8  | 694.3  | 615.3  | 532.2  | 432.1 | 337.9 | 256.2 | 191.2 | 143.0 | 11.1 |
| 35°   | 870.7  | 863.7  | 801.1  | 732.6  | 630.5  | 509.7 | 397.6 | 298.2 | 217.1 | 157.8 | 11.3 |
| 36°   | 998.9  | 976.4  | 927.3  | 827.3  | 720.7  | 581.5 | 460.3 | 337.3 | 243.4 | 175.3 | 11.3 |
| 37°   | 1095.4 | 1090.3 | 1025.4 | 927.9  | 802.6  | 658.1 | 514.3 | 380.7 | 269.8 | 190.3 | 11.3 |
| 38°   | 1201.8 | 1181.8 | 1115.8 | 1016.6 | 879.7  | 728.3 | 570.9 | 418.4 | 294.9 | 203.9 | 11.1 |
| 39°   | 1291.5 | 1261.7 | 1195.2 | 1097.2 | 947.0  | 781.6 | 615.9 | 455.0 | 317.1 | 215.2 | 10.9 |
| 40°   | 1350.2 | 1329.6 | 1260.2 | 1149.9 | 1008.1 | 832.0 | 661.4 | 485.2 | 333.6 | 223.7 | 10.5 |
| 41°   | 1415.0 | 1380.8 | 1312.1 | 1201.2 | 1052.4 | 876.4 | 690.0 | 505.0 | 346.5 | 229.4 | 10.1 |
| 42°   | 1453.7 | 1425.7 | 1344.2 | 1235.7 | 1084.1 | 901.7 | 713.3 | 520.2 | 354.2 | 232.3 | 9.3  |
| 43°   | 1489.9 | 1451.8 | 1372.4 | 1255.7 | 1105.1 | 919.5 | 724.0 | 527.2 | 356.0 | 232.3 | 8.4  |
| 44°   | 1485.1 | 1448.9 | 1366.6 | 1258.4 | 1109.8 | 924.8 | 728.5 | 527.4 | 353.3 | 229.4 | 7.4  |
| 45°   | 1448.7 | 1412.7 | 1338.6 | 1234.7 | 1093.1 | 914.5 | 719.6 | 519.6 | 345.7 | 224.3 | 6.6  |
| 46°   | 1382.0 | 1346.2 | 1289.4 | 1195.0 | 1061.9 | 891.1 | 698.8 | 502.7 | 333.0 | 216.1 | 5.8  |
| 47°   | 1309.4 | 1274.6 | 1216.4 | 1131.0 | 1008.8 | 849.5 | 668.6 | 478.9 | 315.3 | 204.3 | 5.3  |
| 48°   | 1204.1 | 1182.4 | 1124.0 | 1051.1 | 935.1  | 784.4 | 615.7 | 440.2 | 291.6 | 188.9 | 4.5  |
| 49°   | 1111.2 | 1088.2 | 1037.0 | 958.7  | 839.0  | 708.5 | 552.5 | 393.1 | 260.7 | 171.8 | 3.9  |
| 50°   | 1022.3 | 1002.2 | 955.0  | 866.4  | 752.3  | 616.9 | 467.1 | 333.8 | 221.8 | 150.6 | 3.3  |
| 51°   | 935.3  | 920.3  | 872.1  | 790.8  | 674.8  | 546.4 | 404.6 | 278.0 | 183.2 | 124.9 | 3.1  |
| 52°   | 848.0  | 846.2  | 793.9  | 711.6  | 599.5  | 476.2 | 343.9 | 234.6 | 155.4 | 104.9 | 2.9  |
| 53°   | 754.0  | 742.7  | 697.0  | 623.1  | 515.5  | 403.1 | 291.6 | 197.8 | 133.8 | 89.3  | 2.5  |
| 54°   | 647.0  | 634.4  | 585.3  | 518.6  | 421.2  | 330.1 | 235.0 | 159.9 | 111.5 | 75.5  | 2.3  |
| 55°   | 528.0  | 506.4  | 470.8  | 402.3  | 329.0  | 251.9 | 181.5 | 126.6 | 89.1  | 62.8  | 1.9  |
| 56°   | 400.5  | 378.9  | 358.9  | 308.5  | 241.4  | 187.9 | 135.2 | 97.1  | 69.6  | 49.6  | 1.8  |
| 57°   | 278.6  | 277.4  | 244.5  | 205.8  | 161.5  | 128.0 | 92.6  | 68.5  | 49.2  | 38.5  | 1.4  |
| 58°   | 180.7  | 174.7  | 153.7  | 131.3  | 105.6  | 80.0  | 59.5  | 46.5  | 33.5  | 26.3  | 1.2  |
| 59°   | 126.6  | 114.6  | 103.3  | 87.5   | 66.5   | 50.4  | 38.3  | 29.8  | 23.1  | 18.3  | 0.8  |
| 60°   | 77.8   | 75.3   | 67.7   | 53.3   | 43.2   | 35.6  | 28.6  | 22.0  | 16.9  | 13.0  | 0.4  |
| 62.5° | 22.2   | 22.6   | 20.4   | 18.1   | 15.6   | 13.4  | 12.1  | 10.3  | 8.6   | 6.8   | 0.0  |
| 65°   | 5.1    | 4.9    | 5.3    | 4.9    | 4.5    | 4.5   | 3.9   | 3.5   | 3.1   | 2.9   | 0.0  |



TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.6 | 1.6  | 1.4 | 1.4  | 1.4 | 1.2   | 1.2 | 1.0   | 1.0 | 0.8   | 0.0 |
| 70°   | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.4   | 0.4 | 0.4   | 0.2 | 0.2   | 0.0 |
| 72.5° | 0.6 | 0.6  | 0.6 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.2 | 0.2   | 0.2 |
| 75°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.2   | 0.2 | 0.2   | 0.2 |
| 77.5° | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.2   | 0.4 | 0.2   | 0.2 | 0.2   | 0.2 |
| 80°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 82.5° | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.0 | 0.0   | 0.2 | 0.2   | 0.2 | 0.0   | 0.2 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.2 |
| 90°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 14.4  | 14.4 | 14.4   | 14.4 | 14.4   | 14.4 |
| 2.5°  | 15.0  | 14.2 | 13.6   | 13.0 | 12.8   | 12.8 |
| 5°    | 14.6  | 13.4 | 12.3   | 11.7 | 11.3   | 11.3 |
| 7.5°  | 13.4  | 12.1 | 10.9   | 10.3 | 10.1   | 10.1 |
| 10°   | 12.1  | 10.5 | 9.3    | 8.9  | 8.9    | 8.8  |
| 12.5° | 10.5  | 8.9  | 8.2    | 8.0  | 8.0    | 8.0  |
| 15°   | 8.8   | 7.6  | 7.0    | 7.0  | 7.2    | 7.4  |
| 17.5° | 7.4   | 6.2  | 6.0    | 6.4  | 6.8    | 6.8  |
| 20°   | 6.2   | 5.4  | 5.4    | 5.8  | 6.2    | 6.4  |
| 22.5° | 5.3   | 4.7  | 4.9    | 5.4  | 6.0    | 6.2  |
| 25°   | 4.7   | 4.1  | 4.5    | 5.1  | 5.6    | 6.0  |
| 27.5° | 3.9   | 3.7  | 4.1    | 4.9  | 5.6    | 5.8  |
| 30°   | 3.3   | 3.3  | 3.9    | 4.7  | 5.4    | 5.6  |
| 31°   | 3.1   | 3.1  | 3.9    | 4.7  | 5.4    | 5.6  |
| 32°   | 2.9   | 3.1  | 3.7    | 4.7  | 5.4    | 5.6  |
| 33°   | 2.7   | 2.9  | 3.7    | 4.5  | 5.4    | 5.6  |
| 34°   | 2.5   | 2.9  | 3.7    | 4.5  | 5.4    | 5.6  |
| 35°   | 2.3   | 2.9  | 3.7    | 4.5  | 5.4    | 5.6  |
| 36°   | 2.1   | 2.7  | 3.5    | 4.5  | 5.4    | 5.6  |
| 37°   | 1.9   | 2.7  | 3.5    | 4.5  | 5.4    | 5.6  |
| 38°   | 1.8   | 2.5  | 3.5    | 4.5  | 5.4    | 5.6  |
| 39°   | 1.8   | 2.5  | 3.3    | 4.5  | 5.3    | 5.6  |
| 40°   | 1.6   | 2.3  | 3.3    | 4.5  | 5.3    | 5.6  |
| 41°   | 1.4   | 2.3  | 3.3    | 4.3  | 5.3    | 5.6  |
| 42°   | 1.2   | 2.1  | 3.1    | 4.3  | 5.3    | 5.6  |
| 43°   | 1.0   | 2.1  | 3.1    | 4.3  | 5.3    | 5.6  |
| 44°   | 1.0   | 1.9  | 3.1    | 4.3  | 5.3    | 5.6  |
| 45°   | 0.8   | 1.9  | 3.1    | 4.3  | 5.3    | 5.6  |
| 46°   | 0.6   | 1.9  | 3.1    | 4.3  | 5.3    | 5.6  |
| 47°   | 0.6   | 1.8  | 2.9    | 4.3  | 5.3    | 5.6  |
| 48°   | 0.4   | 1.8  | 2.9    | 4.3  | 5.3    | 5.6  |
| 49°   | 0.4   | 1.8  | 2.9    | 4.3  | 5.3    | 5.8  |
| 50°   | 0.4   | 1.8  | 2.9    | 4.1  | 5.3    | 5.8  |
| 51°   | 0.2   | 1.8  | 2.9    | 4.1  | 5.3    | 5.8  |
| 52°   | 0.2   | 1.8  | 2.7    | 4.1  | 5.4    | 5.8  |
| 53°   | 0.2   | 1.6  | 2.7    | 4.1  | 5.4    | 5.8  |
| 54°   | 0.2   | 1.6  | 2.7    | 4.1  | 5.4    | 5.6  |
| 55°   | 0.2   | 1.6  | 2.7    | 4.1  | 5.3    | 5.6  |
| 56°   | 0.2   | 1.4  | 2.7    | 4.1  | 5.3    | 5.6  |
| 57°   | 0.2   | 1.4  | 2.5    | 3.9  | 5.3    | 5.4  |
| 58°   | 0.2   | 1.4  | 2.5    | 3.9  | 5.3    | 5.4  |
| 59°   | 0.2   | 1.4  | 2.5    | 3.9  | 5.1    | 5.4  |
| 60°   | 0.4   | 1.2  | 2.3    | 3.7  | 5.1    | 5.4  |
| 62.5° | 0.4   | 1.2  | 2.3    | 3.7  | 4.9    | 5.3  |
| 65°   | 0.4   | 1.2  | 2.1    | 3.5  | 4.9    | 5.3  |



TEST NUMBER: P1337057

CATALOG NUMBER: P3A05R20B2750DE010 E3A451GPH\_2700K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.4   | 1.0 | 1.9    | 3.3  | 4.7    | 5.1  |
| 70°   | 0.4   | 1.2 | 1.9    | 3.1  | 4.5    | 4.9  |
| 72.5° | 0.6   | 1.0 | 1.8    | 2.9  | 4.3    | 4.7  |
| 75°   | 0.6   | 1.0 | 1.8    | 2.7  | 4.1    | 4.3  |
| 77.5° | 0.8   | 1.0 | 1.6    | 2.3  | 3.7    | 3.9  |
| 80°   | 0.8   | 1.0 | 1.4    | 1.9  | 3.1    | 3.3  |
| 82.5° | 0.8   | 1.0 | 1.0    | 1.6  | 2.3    | 2.5  |
| 85°   | 0.6   | 0.8 | 0.8    | 1.0  | 1.6    | 1.8  |
| 87.5° | 0.6   | 0.8 | 0.6    | 0.4  | 0.8    | 0.8  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)