

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: P1336576

Luminaire Tested: P3A05R15B2750DE010 E3A451MW\_5000K

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1336576  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R15B2750DE010 E3A451MW\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3A451MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

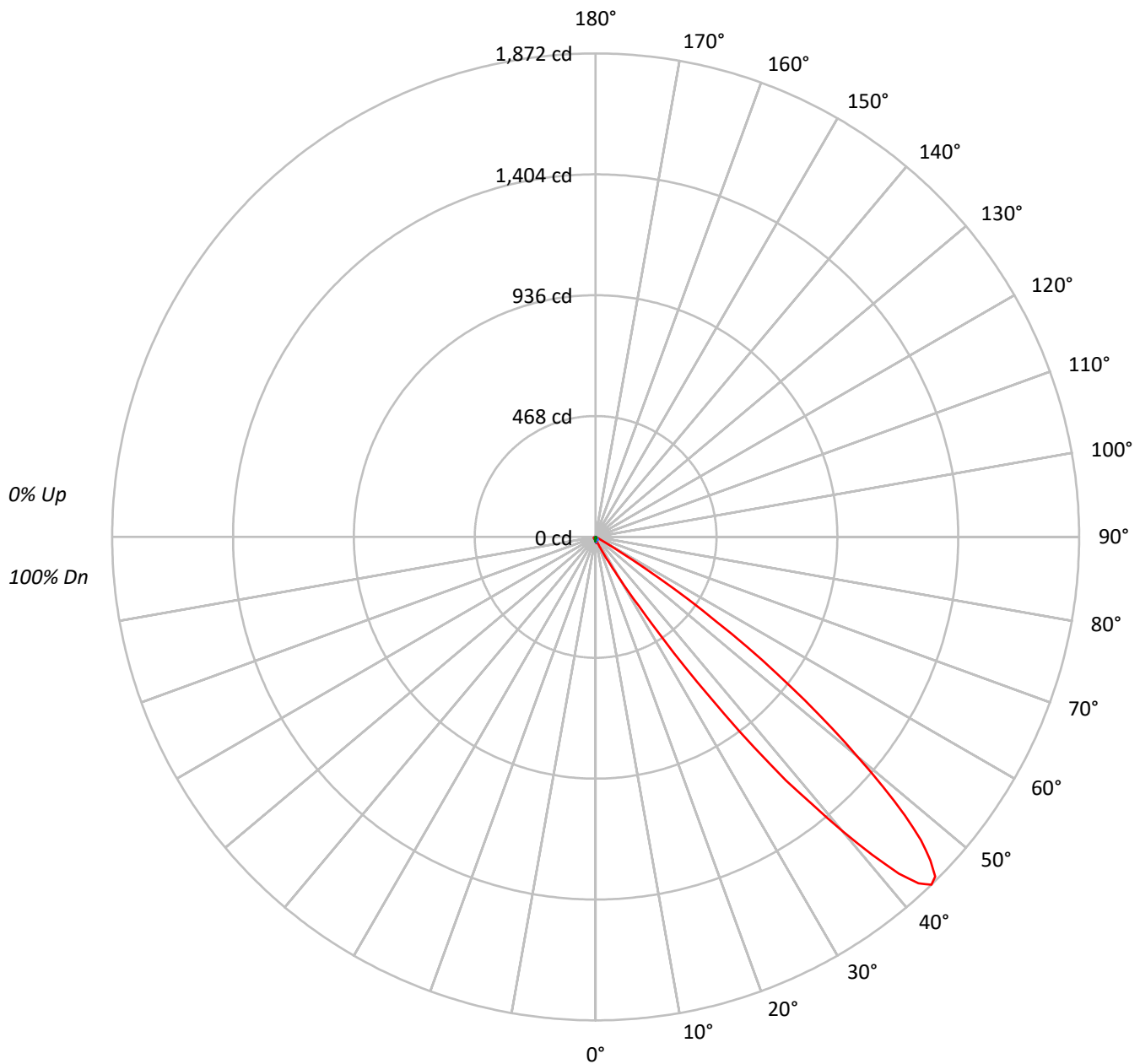
Lumens per Lamp: N/A  
Luminaire Lumens: 209.0 lumens  
Efficiency: N/A  
Efficacy: 35.4 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.48 / 1.09  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°



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### COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |   |  |  |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|
| RF  | 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  | 107 | 104 | 100 | 97  | 100 | 97  | 94  | 96  | 93  | 91  | 92  | 90  | 89  | 87  |    |    |   |  |  |  |
| 2   | 101 | 93  | 87  | 81  | 98  | 91  | 85  | 80  | 87  | 83  | 78  | 84  | 80  | 77  | 81  | 78  | 75  | 73  |    |    |   |  |  |  |
| 3   | 91  | 81  | 73  | 67  | 89  | 79  | 72  | 66  | 76  | 70  | 65  | 74  | 68  | 64  | 71  | 67  | 63  | 61  |    |    |   |  |  |  |
| 4   | 83  | 71  | 62  | 55  | 80  | 69  | 61  | 55  | 67  | 60  | 54  | 64  | 58  | 53  | 62  | 57  | 53  | 50  |    |    |   |  |  |  |
| 5   | 75  | 62  | 52  | 46  | 73  | 61  | 52  | 45  | 58  | 51  | 45  | 56  | 50  | 44  | 55  | 49  | 44  | 42  |    |    |   |  |  |  |
| 6   | 68  | 54  | 45  | 38  | 66  | 53  | 44  | 38  | 51  | 43  | 37  | 49  | 42  | 37  | 48  | 42  | 37  | 35  |    |    |   |  |  |  |
| 7   | 62  | 47  | 38  | 32  | 60  | 47  | 38  | 32  | 45  | 37  | 31  | 44  | 36  | 31  | 42  | 36  | 31  | 29  |    |    |   |  |  |  |
| 8   | 56  | 42  | 33  | 27  | 55  | 41  | 33  | 27  | 40  | 32  | 26  | 39  | 31  | 26  | 37  | 31  | 26  | 24  |    |    |   |  |  |  |
| 9   | 52  | 37  | 28  | 22  | 50  | 37  | 28  | 22  | 35  | 28  | 22  | 34  | 27  | 22  | 33  | 27  | 22  | 20  |    |    |   |  |  |  |
| 10  | 48  | 33  | 25  | 19  | 46  | 33  | 25  | 19  | 32  | 24  | 19  | 31  | 24  | 19  | 30  | 23  | 19  | 17  |    |    |   |  |  |  |

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 4057   | 4057 | 4057 | 4057 | 4057 |
| 5°  | 5041   | 4490 | 3676 | 3214 | 3170 |
| 10° | 4965   | 3852 | 2828 | 2516 | 2561 |
| 15° | 4109   | 2747 | 2043 | 2089 | 2225 |
| 20° | 7141   | 2194 | 1563 | 1797 | 2054 |
| 25° | 15944  | 2613 | 1258 | 1669 | 1911 |
| 30° | 47653  | 3216 | 1114 | 1646 | 2000 |
| 35° | 183423 | 3614 | 1017 | 1686 | 2115 |
| 40° | 425741 | 3149 | 945  | 1718 | 2261 |
| 45° | 576649 | 2388 | 837  | 1861 | 2450 |
| 50° | 452147 | 1433 | 853  | 1979 | 2695 |
| 55° | 217034 | 650  | 803  | 2141 | 2944 |
| 60° | 19823  | 88   | 746  | 2281 | 3289 |
| 65° | 2179   | 0    | 675  | 2387 | 3580 |
| 70° | 513    | 0    | 833  | 2565 | 3847 |
| 75° | 508    | 169  | 1101 | 2796 | 4406 |
| 80° | 505    | 505  | 1263 | 2904 | 4799 |
| 85° | 503    | 503  | 2013 | 2516 | 5284 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle:  $45^\circ$

Luminance: 576649 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.6    | 0.8       |
| 10°-20°   | 3.3    | 1.6       |
| 20°-30°   | 7.9    | 3.8       |
| 30°-40°   | 43.2   | 20.7      |
| 40°-50°   | 104.7  | 50.1      |
| 50°-60°   | 41.8   | 20.0      |
| 60°-70°   | 3.6    | 1.7       |
| 70°-80°   | 2.0    | 1.0       |
| 80°-90°   | 0.9    | 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°    | 12.8   | 6.1       |
| 0°-40°    | 56.0   | 26.8      |
| 0°-60°    | 202.5  | 96.9      |
| 0°-90°    | 209.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 209.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 18   | 18  | 18  | 18   | 18   |      |
| 5°  | 23   | 20  | 17  | 15   | 14   | 2    |
| 15° | 18   | 12  | 9   | 9    | 10   | 6    |
| 25° | 66   | 11  | 5   | 7    | 8    | 40   |
| 35° | 685  | 14  | 4   | 6    | 8    | 484  |
| 45° | 1860 | 8   | 3   | 6    | 8    | 1312 |
| 55° | 568  | 2   | 2   | 6    | 8    | 529  |
| 65° | 4    | 0   | 1   | 5    | 7    | 11   |
| 75° | 1    | 0   | 1   | 3    | 5    | 1    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 0°    | 18.5   | 18.5   | 18.5   | 18.5   | 18.5   | 18.5  | 18.5  | 18.5  | 18.5  | 18.5  | 18.5 |
| 2.5°  | 20.8   | 20.8   | 21.0   | 20.8   | 20.8   | 20.8  | 20.8  | 20.6  | 20.6  | 20.6  | 20.0 |
| 5°    | 22.9   | 22.9   | 22.9   | 22.9   | 22.7   | 22.7  | 22.7  | 22.5  | 22.5  | 22.3  | 20.4 |
| 7.5°  | 23.8   | 23.8   | 23.5   | 23.5   | 23.3   | 23.3  | 23.1  | 22.9  | 22.7  | 22.5  | 19.6 |
| 10°   | 22.3   | 22.3   | 22.3   | 22.1   | 22.1   | 21.9  | 21.7  | 21.5  | 21.3  | 20.8  | 17.3 |
| 12.5° | 19.8   | 19.8   | 20.0   | 19.8   | 19.6   | 19.4  | 19.0  | 18.8  | 18.5  | 18.1  | 14.4 |
| 15°   | 18.1   | 18.1   | 18.1   | 17.9   | 17.7   | 17.3  | 17.1  | 16.7  | 16.5  | 15.8  | 12.1 |
| 17.5° | 23.1   | 23.1   | 22.9   | 22.5   | 21.7   | 21.0  | 20.0  | 19.2  | 18.1  | 16.9  | 10.4 |
| 20°   | 30.6   | 30.6   | 30.2   | 29.8   | 28.8   | 27.7  | 26.0  | 24.6  | 22.9  | 21.5  | 9.4  |
| 22.5° | 44.4   | 45.0   | 43.8   | 42.3   | 40.8   | 38.3  | 36.1  | 33.8  | 30.8  | 28.3  | 9.6  |
| 25°   | 65.9   | 66.5   | 65.9   | 62.5   | 59.8   | 56.5  | 52.1  | 47.5  | 42.5  | 37.9  | 10.8 |
| 27.5° | 106.7  | 107.1  | 106.1  | 97.9   | 93.6   | 84.8  | 77.1  | 69.6  | 61.3  | 52.9  | 11.9 |
| 30°   | 188.2  | 188.4  | 181.7  | 165.5  | 151.1  | 131.9 | 115.7 | 100.0 | 86.9  | 73.6  | 12.7 |
| 31°   | 247.8  | 241.9  | 227.8  | 208.2  | 185.3  | 159.4 | 137.1 | 116.9 | 97.3  | 82.9  | 12.9 |
| 32°   | 314.7  | 313.8  | 290.3  | 256.3  | 225.7  | 193.4 | 159.8 | 134.0 | 111.5 | 91.9  | 13.1 |
| 33°   | 403.2  | 403.7  | 366.6  | 326.6  | 276.3  | 233.0 | 189.0 | 153.6 | 126.5 | 102.5 | 13.5 |
| 34°   | 541.6  | 509.1  | 465.5  | 411.4  | 343.0  | 277.8 | 220.7 | 176.3 | 140.0 | 112.7 | 13.5 |
| 35°   | 685.2  | 652.5  | 604.5  | 522.4  | 428.7  | 337.4 | 258.4 | 200.7 | 156.3 | 123.8 | 13.5 |
| 36°   | 846.1  | 818.4  | 745.8  | 641.0  | 521.4  | 393.7 | 298.4 | 228.8 | 172.3 | 133.8 | 13.3 |
| 37°   | 1019.9 | 979.2  | 898.8  | 784.4  | 624.3  | 472.8 | 347.2 | 256.7 | 188.4 | 144.6 | 12.9 |
| 38°   | 1196.4 | 1159.7 | 1058.2 | 919.6  | 747.3  | 556.4 | 395.9 | 283.6 | 203.2 | 152.8 | 12.3 |
| 39°   | 1330.2 | 1310.2 | 1209.5 | 1054.7 | 845.4  | 635.6 | 446.2 | 312.4 | 218.8 | 160.9 | 11.7 |
| 40°   | 1487.3 | 1455.0 | 1359.6 | 1168.0 | 961.5  | 716.2 | 495.3 | 337.8 | 231.7 | 167.3 | 11.0 |
| 41°   | 1630.7 | 1589.8 | 1469.4 | 1284.3 | 1054.5 | 788.8 | 542.0 | 364.1 | 242.2 | 171.1 | 10.6 |
| 42°   | 1753.6 | 1706.1 | 1580.2 | 1383.9 | 1132.2 | 846.7 | 579.3 | 382.8 | 251.9 | 174.2 | 10.0 |
| 43°   | 1833.2 | 1792.2 | 1668.4 | 1458.7 | 1198.7 | 899.8 | 614.1 | 402.4 | 258.0 | 176.3 | 9.2  |
| 44°   | 1872.0 | 1830.5 | 1710.7 | 1505.6 | 1239.5 | 931.7 | 636.6 | 416.0 | 264.7 | 179.0 | 8.5  |
| 45°   | 1859.5 | 1817.4 | 1701.5 | 1506.5 | 1252.2 | 943.2 | 646.2 | 422.0 | 268.2 | 181.5 | 7.7  |
| 46°   | 1802.2 | 1772.6 | 1655.9 | 1467.3 | 1228.1 | 930.9 | 640.8 | 417.4 | 267.0 | 181.5 | 6.9  |
| 47°   | 1721.7 | 1688.0 | 1576.9 | 1400.0 | 1169.5 | 899.2 | 618.9 | 403.4 | 259.2 | 177.3 | 6.0  |
| 48°   | 1612.1 | 1583.4 | 1466.7 | 1293.1 | 1079.7 | 830.2 | 569.5 | 380.7 | 247.2 | 169.2 | 5.2  |
| 49°   | 1474.6 | 1434.6 | 1326.0 | 1156.4 | 962.6  | 732.3 | 504.7 | 342.4 | 227.8 | 157.8 | 4.6  |
| 50°   | 1325.4 | 1276.0 | 1192.2 | 1019.5 | 841.5  | 627.9 | 419.5 | 289.5 | 200.5 | 142.7 | 4.2  |
| 51°   | 1179.3 | 1129.1 | 1049.3 | 902.3  | 712.3  | 521.0 | 338.4 | 231.1 | 165.0 | 122.1 | 3.5  |
| 52°   | 1027.8 | 985.7  | 896.3  | 780.8  | 609.8  | 422.2 | 282.0 | 195.5 | 137.1 | 102.5 | 2.9  |
| 53°   | 876.9  | 848.2  | 763.1  | 646.2  | 489.9  | 344.9 | 230.3 | 167.3 | 119.6 | 87.7  | 2.3  |
| 54°   | 725.8  | 694.4  | 629.8  | 525.6  | 394.9  | 272.2 | 195.3 | 140.0 | 103.8 | 76.5  | 2.1  |
| 55°   | 567.7  | 551.4  | 491.8  | 400.7  | 299.3  | 217.1 | 158.4 | 120.5 | 86.9  | 64.0  | 1.7  |
| 56°   | 437.2  | 418.9  | 364.5  | 290.7  | 222.4  | 170.0 | 128.2 | 98.4  | 73.6  | 53.6  | 1.3  |
| 57°   | 286.3  | 267.6  | 231.5  | 203.0  | 161.9  | 124.0 | 97.9  | 77.5  | 59.8  | 44.4  | 1.0  |
| 58°   | 169.2  | 152.1  | 146.5  | 125.0  | 107.9  | 84.2  | 72.3  | 57.7  | 44.2  | 35.0  | 0.6  |
| 59°   | 77.7   | 79.0   | 70.2   | 65.9   | 59.8   | 53.6  | 44.0  | 38.6  | 30.2  | 25.2  | 0.4  |
| 60°   | 45.2   | 42.7   | 41.7   | 37.3   | 33.1   | 29.4  | 26.5  | 23.3  | 19.0  | 16.3  | 0.2  |
| 62.5° | 15.4   | 14.8   | 15.2   | 13.8   | 12.9   | 12.5  | 11.5  | 9.8   | 8.1   | 6.7   | 0.0  |
| 65°   | 4.2    | 4.2    | 4.0    | 3.8    | 3.5    | 3.3   | 3.1   | 2.7   | 2.5   | 2.1   | 0.0  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.5 | 1.5  | 1.3 | 1.3  | 1.0 | 1.0   | 0.8 | 0.8   | 0.6 | 0.6   | 0.0 |
| 70°   | 0.8 | 0.8  | 0.8 | 0.6  | 0.6 | 0.6   | 0.4 | 0.4   | 0.4 | 0.2   | 0.0 |
| 72.5° | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.6   | 0.4 | 0.4   | 0.4 | 0.2   | 0.2 |
| 75°   | 0.6 | 0.6  | 0.6 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.2 |
| 77.5° | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 |
| 80°   | 0.4 | 0.4  | 0.4 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 0.2   | 0.4 |
| 82.5° | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 0.4 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.2  | 0.2 | 0.2   | 0.2 | 0.2   | 0.2 | 0.2   | 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 |

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**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 18.5  | 18.5 | 18.5   | 18.5 | 18.5   | 18.5 |
| 2.5°  | 19.2  | 18.3 | 17.3   | 16.7 | 16.5   | 16.3 |
| 5°    | 18.3  | 16.7 | 15.4   | 14.6 | 14.4   | 14.4 |
| 7.5°  | 16.5  | 14.6 | 13.3   | 12.9 | 12.7   | 12.7 |
| 10°   | 14.4  | 12.7 | 11.7   | 11.3 | 11.5   | 11.5 |
| 12.5° | 12.1  | 10.6 | 10.2   | 10.2 | 10.4   | 10.6 |
| 15°   | 9.8   | 9.0  | 9.0    | 9.2  | 9.6    | 9.8  |
| 17.5° | 8.1   | 7.7  | 7.9    | 8.3  | 8.8    | 9.2  |
| 20°   | 6.7   | 6.7  | 7.1    | 7.7  | 8.3    | 8.8  |
| 22.5° | 5.6   | 5.8  | 6.5    | 7.1  | 7.9    | 8.3  |
| 25°   | 4.8   | 5.2  | 5.8    | 6.9  | 7.7    | 7.9  |
| 27.5° | 4.2   | 4.8  | 5.6    | 6.7  | 7.5    | 7.9  |
| 30°   | 3.5   | 4.4  | 5.4    | 6.5  | 7.5    | 7.9  |
| 31°   | 3.3   | 4.2  | 5.2    | 6.5  | 7.5    | 7.9  |
| 32°   | 3.1   | 4.2  | 5.2    | 6.5  | 7.5    | 7.9  |
| 33°   | 2.9   | 4.0  | 5.2    | 6.3  | 7.5    | 7.9  |
| 34°   | 2.7   | 4.0  | 5.2    | 6.5  | 7.5    | 7.9  |
| 35°   | 2.5   | 3.8  | 5.0    | 6.3  | 7.3    | 7.9  |
| 36°   | 2.3   | 3.8  | 5.0    | 6.3  | 7.5    | 7.9  |
| 37°   | 2.1   | 3.8  | 5.0    | 6.3  | 7.3    | 7.9  |
| 38°   | 2.1   | 3.5  | 4.8    | 6.3  | 7.3    | 7.9  |
| 39°   | 1.9   | 3.3  | 4.8    | 6.3  | 7.3    | 7.9  |
| 40°   | 1.7   | 3.3  | 4.6    | 6.0  | 7.3    | 7.9  |
| 41°   | 1.5   | 3.1  | 4.6    | 6.0  | 7.3    | 7.9  |
| 42°   | 1.3   | 3.1  | 4.6    | 6.0  | 7.3    | 7.9  |
| 43°   | 1.0   | 2.9  | 4.4    | 6.0  | 7.3    | 7.9  |
| 44°   | 1.0   | 2.9  | 4.4    | 6.0  | 7.3    | 7.9  |
| 45°   | 0.8   | 2.7  | 4.2    | 6.0  | 7.3    | 7.9  |
| 46°   | 0.8   | 2.7  | 4.2    | 5.8  | 7.3    | 7.9  |
| 47°   | 0.6   | 2.7  | 4.2    | 5.8  | 7.3    | 7.9  |
| 48°   | 0.6   | 2.5  | 4.2    | 5.8  | 7.3    | 7.9  |
| 49°   | 0.4   | 2.5  | 4.2    | 5.8  | 7.3    | 7.9  |
| 50°   | 0.4   | 2.5  | 4.0    | 5.8  | 7.3    | 7.9  |
| 51°   | 0.4   | 2.5  | 4.0    | 5.8  | 7.3    | 7.9  |
| 52°   | 0.4   | 2.3  | 4.0    | 5.8  | 7.3    | 7.9  |
| 53°   | 0.4   | 2.3  | 4.0    | 5.8  | 7.3    | 7.9  |
| 54°   | 0.4   | 2.3  | 3.8    | 5.8  | 7.3    | 7.9  |
| 55°   | 0.4   | 2.1  | 3.8    | 5.6  | 7.3    | 7.7  |
| 56°   | 0.4   | 2.1  | 3.8    | 5.6  | 7.3    | 7.7  |
| 57°   | 0.4   | 2.1  | 3.5    | 5.6  | 7.3    | 7.7  |
| 58°   | 0.4   | 1.9  | 3.5    | 5.4  | 7.1    | 7.7  |
| 59°   | 0.4   | 1.9  | 3.3    | 5.4  | 7.1    | 7.5  |
| 60°   | 0.4   | 1.7  | 3.3    | 5.2  | 6.9    | 7.5  |
| 62.5° | 0.4   | 1.5  | 2.9    | 5.0  | 6.7    | 7.1  |
| 65°   | 0.4   | 1.3  | 2.7    | 4.6  | 6.5    | 6.9  |





TEST NUMBER: P1336576

CATALOG NUMBER: P3A05R15B2750DE010 E3A451MW\_5000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.4   | 1.3 | 2.5    | 4.4  | 6.0    | 6.7  |
| 70°   | 0.4   | 1.3 | 2.3    | 4.0  | 5.8    | 6.0  |
| 72.5° | 0.6   | 1.3 | 2.1    | 3.8  | 5.4    | 5.6  |
| 75°   | 0.8   | 1.3 | 1.9    | 3.3  | 5.0    | 5.2  |
| 77.5° | 0.8   | 1.3 | 1.7    | 2.9  | 4.4    | 4.6  |
| 80°   | 0.8   | 1.0 | 1.5    | 2.3  | 3.5    | 3.8  |
| 82.5° | 0.8   | 1.0 | 1.0    | 1.9  | 2.7    | 2.9  |
| 85°   | 0.6   | 0.8 | 0.8    | 1.0  | 1.9    | 2.1  |
| 87.5° | 0.6   | 0.8 | 0.4    | 0.6  | 0.8    | 0.8  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)