

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: P1319282

Luminaire Tested: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319282  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-73)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3SQCA451MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

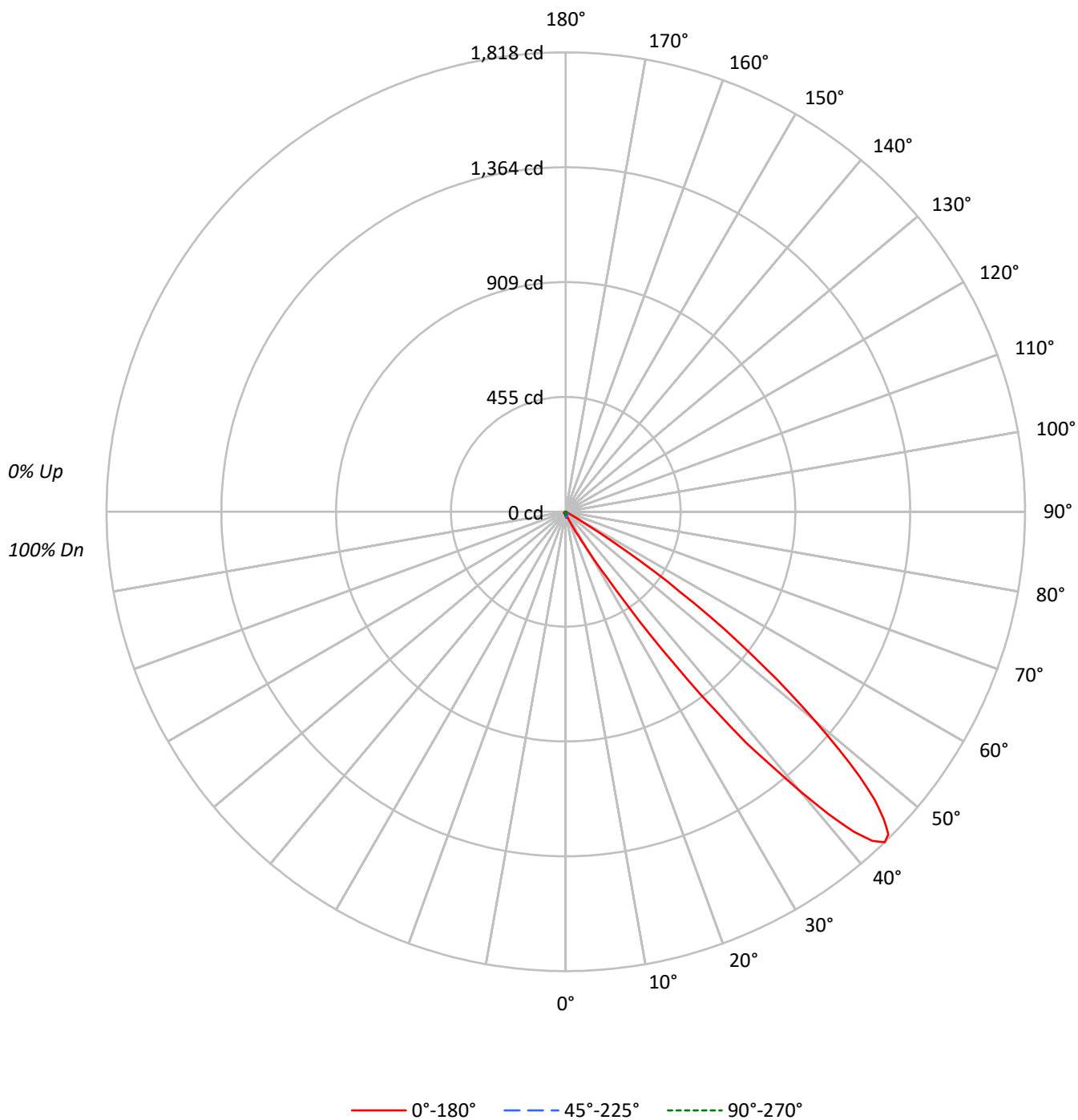
Lumens per Lamp: N/A  
Luminaire Lumens: 203.0 lumens  
Efficiency: N/A  
Efficacy: 70.0 lumens/watt  
Spacing Criteria (0/90/45): 3.26 / 0.47 / 1.08  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 2.9  
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: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**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  | 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°  | 3100   | 3100 | 3100 | 3100 | 3100 |
| 5°  | 3855   | 3423 | 2801 | 2455 | 2420 |
| 10° | 3795   | 2938 | 2151 | 1906 | 1941 |
| 15° | 3138   | 2086 | 1551 | 1587 | 1694 |
| 20° | 5462   | 1668 | 1191 | 1375 | 1558 |
| 25° | 12162  | 1995 | 969  | 1273 | 1463 |
| 30° | 36353  | 2446 | 855  | 1253 | 1531 |
| 35° | 139918 | 2775 | 757  | 1282 | 1619 |
| 40° | 324776 | 2406 | 719  | 1326 | 1731 |
| 45° | 439893 | 1827 | 633  | 1437 | 1875 |
| 50° | 344907 | 1072 | 643  | 1527 | 2063 |
| 55° | 165564 | 480  | 601  | 1651 | 2252 |
| 60° | 15121  | 69   | 551  | 1757 | 2514 |
| 65° | 1630   | 0    | 489  | 1834 | 2730 |
| 70° | 403    | 0    | 604  | 1913 | 2971 |
| 75° | 399    | 133  | 799  | 2129 | 3394 |
| 80° | 397    | 397  | 992  | 2182 | 3570 |
| 85° | 395    | 395  | 1581 | 1976 | 3952 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 439893 cd/sqm

TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.5    | 0.8       |
| 10°-20°   | 3.2    | 1.6       |
| 20°-30°   | 7.7    | 3.8       |
| 30°-40°   | 42.0   | 20.7      |
| 40°-50°   | 101.7  | 50.1      |
| 50°-60°   | 40.6   | 20.0      |
| 60°-70°   | 3.5    | 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°    | 12.4   | 6.1       |
| 0°-40°    | 54.4   | 26.8      |
| 0°-60°    | 196.6  | 96.9      |
| 0°-90°    | 203.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 203.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 18   | 18  | 18  | 18   | 18   |      |
| 5°  | 22   | 20  | 16  | 14   | 14   | 2    |
| 15° | 18   | 12  | 9   | 9    | 10   | 6    |
| 25° | 64   | 10  | 5   | 7    | 8    | 39   |
| 35° | 666  | 13  | 4   | 6    | 8    | 470  |
| 45° | 1806 | 8   | 3   | 6    | 8    | 1274 |
| 55° | 551  | 2   | 2   | 6    | 8    | 514  |
| 65° | 4    | 0   | 1   | 4    | 7    | 10   |
| 75° | 1    | 0   | 1   | 3    | 5    | 1    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 0°    | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0  | 18.0  | 18.0  | 18.0  | 18.0  | 18.0 |
| 2.5°  | 20.2   | 20.2   | 20.4   | 20.2   | 20.2   | 20.2  | 20.2  | 20.0  | 20.0  | 20.0  | 19.4 |
| 5°    | 22.3   | 22.3   | 22.3   | 22.3   | 22.1   | 22.1  | 22.1  | 21.9  | 21.9  | 21.7  | 19.8 |
| 7.5°  | 23.1   | 23.1   | 22.9   | 22.9   | 22.7   | 22.7  | 22.5  | 22.3  | 22.1  | 21.9  | 19.0 |
| 10°   | 21.7   | 21.7   | 21.7   | 21.5   | 21.5   | 21.3  | 21.1  | 20.8  | 20.6  | 20.2  | 16.8 |
| 12.5° | 19.2   | 19.2   | 19.4   | 19.2   | 19.0   | 18.8  | 18.4  | 18.2  | 18.0  | 17.6  | 14.0 |
| 15°   | 17.6   | 17.6   | 17.6   | 17.4   | 17.2   | 16.8  | 16.6  | 16.2  | 16.0  | 15.4  | 11.7 |
| 17.5° | 22.5   | 22.5   | 22.3   | 21.9   | 21.1   | 20.4  | 19.4  | 18.6  | 17.6  | 16.4  | 10.1 |
| 20°   | 29.8   | 29.8   | 29.3   | 28.9   | 27.9   | 26.9  | 25.3  | 23.9  | 22.3  | 20.8  | 9.1  |
| 22.5° | 43.1   | 43.7   | 42.5   | 41.1   | 39.7   | 37.2  | 35.0  | 32.8  | 30.0  | 27.5  | 9.3  |
| 25°   | 64.0   | 64.6   | 64.0   | 60.7   | 58.1   | 54.9  | 50.6  | 46.1  | 41.3  | 36.8  | 10.5 |
| 27.5° | 103.6  | 104.0  | 103.0  | 95.1   | 90.9   | 82.4  | 74.9  | 67.6  | 59.5  | 51.4  | 11.5 |
| 30°   | 182.8  | 183.0  | 176.5  | 160.7  | 146.7  | 128.1 | 112.3 | 97.2  | 84.4  | 71.5  | 12.3 |
| 31°   | 240.7  | 235.0  | 221.2  | 202.2  | 179.9  | 154.8 | 133.2 | 113.6 | 94.5  | 80.6  | 12.5 |
| 32°   | 305.6  | 304.8  | 282.0  | 249.0  | 219.2  | 187.8 | 155.2 | 130.1 | 108.3 | 89.3  | 12.8 |
| 33°   | 391.7  | 392.1  | 356.0  | 317.2  | 268.4  | 226.3 | 183.6 | 149.2 | 122.9 | 99.6  | 13.2 |
| 34°   | 526.1  | 494.5  | 452.2  | 399.6  | 333.2  | 269.8 | 214.4 | 171.2 | 136.0 | 109.5 | 13.2 |
| 35°   | 665.5  | 633.7  | 587.2  | 507.4  | 416.4  | 327.7 | 251.0 | 194.9 | 151.8 | 120.2 | 13.2 |
| 36°   | 821.8  | 794.9  | 724.4  | 622.6  | 506.4  | 382.4 | 289.9 | 222.2 | 167.4 | 129.9 | 13.0 |
| 37°   | 990.6  | 951.1  | 873.0  | 761.9  | 606.4  | 459.3 | 337.2 | 249.4 | 183.0 | 140.5 | 12.5 |
| 38°   | 1162.0 | 1126.4 | 1027.8 | 893.2  | 725.8  | 540.4 | 384.6 | 275.5 | 197.3 | 148.4 | 11.9 |
| 39°   | 1292.0 | 1272.6 | 1174.8 | 1024.4 | 821.2  | 617.4 | 433.4 | 303.4 | 212.5 | 156.3 | 11.3 |
| 40°   | 1444.6 | 1413.2 | 1320.5 | 1134.5 | 933.9  | 695.7 | 481.1 | 328.1 | 225.1 | 162.5 | 10.7 |
| 41°   | 1583.9 | 1544.2 | 1427.2 | 1247.5 | 1024.2 | 766.1 | 526.5 | 353.6 | 235.2 | 166.2 | 10.3 |
| 42°   | 1703.3 | 1657.1 | 1534.9 | 1344.2 | 1099.7 | 822.4 | 562.7 | 371.8 | 244.7 | 169.2 | 9.7  |
| 43°   | 1780.6 | 1740.7 | 1620.5 | 1416.9 | 1164.3 | 874.0 | 596.5 | 390.9 | 250.6 | 171.2 | 8.9  |
| 44°   | 1818.2 | 1778.0 | 1661.6 | 1462.4 | 1203.9 | 905.0 | 618.4 | 404.0 | 257.1 | 173.9 | 8.3  |
| 45°   | 1806.1 | 1765.2 | 1652.7 | 1463.2 | 1216.3 | 916.1 | 627.7 | 409.9 | 260.5 | 176.3 | 7.5  |
| 46°   | 1750.4 | 1721.7 | 1608.4 | 1425.2 | 1192.8 | 904.2 | 622.4 | 405.4 | 259.3 | 176.3 | 6.7  |
| 47°   | 1672.3 | 1639.5 | 1531.6 | 1359.8 | 1135.9 | 873.4 | 601.2 | 391.9 | 251.8 | 172.3 | 5.9  |
| 48°   | 1565.8 | 1537.9 | 1424.6 | 1256.0 | 1048.7 | 806.4 | 553.2 | 369.8 | 240.1 | 164.4 | 5.1  |
| 49°   | 1432.3 | 1393.4 | 1287.9 | 1123.2 | 934.9  | 711.3 | 490.2 | 332.6 | 221.2 | 153.2 | 4.5  |
| 50°   | 1287.3 | 1239.4 | 1158.0 | 990.2  | 817.3  | 609.9 | 407.5 | 281.1 | 194.7 | 138.7 | 4.0  |
| 51°   | 1145.4 | 1096.7 | 1019.1 | 876.4  | 691.8  | 506.0 | 328.7 | 224.5 | 160.3 | 118.6 | 3.4  |
| 52°   | 998.3  | 957.4  | 870.6  | 758.4  | 592.3  | 410.1 | 273.9 | 189.9 | 133.2 | 99.6  | 2.8  |
| 53°   | 851.7  | 823.8  | 741.2  | 627.7  | 475.9  | 335.0 | 223.7 | 162.5 | 116.2 | 85.2  | 2.2  |
| 54°   | 705.0  | 674.4  | 611.7  | 510.5  | 383.6  | 264.3 | 189.7 | 136.0 | 100.8 | 74.3  | 2.0  |
| 55°   | 551.4  | 535.6  | 477.7  | 389.2  | 290.7  | 210.9 | 153.8 | 117.0 | 84.4  | 62.1  | 1.6  |
| 56°   | 424.7  | 406.8  | 354.0  | 282.4  | 216.0  | 165.2 | 124.5 | 95.5  | 71.5  | 52.0  | 1.2  |
| 57°   | 278.1  | 259.9  | 224.9  | 197.1  | 157.3  | 120.4 | 95.1  | 75.3  | 58.1  | 43.1  | 1.0  |
| 58°   | 164.4  | 147.8  | 142.3  | 121.4  | 104.8  | 81.8  | 70.2  | 56.1  | 42.9  | 34.0  | 0.6  |
| 59°   | 75.5   | 76.7   | 68.2   | 64.0   | 58.1   | 52.0  | 42.7  | 37.4  | 29.3  | 24.5  | 0.4  |
| 60°   | 43.9   | 41.5   | 40.5   | 36.2   | 32.2   | 28.5  | 25.7  | 22.7  | 18.4  | 15.8  | 0.2  |
| 62.5° | 15.0   | 14.4   | 14.8   | 13.4   | 12.5   | 12.1  | 11.1  | 9.5   | 7.9   | 6.5   | 0.0  |
| 65°   | 4.0    | 4.0    | 3.8    | 3.6    | 3.4    | 3.2   | 3.0   | 2.6   | 2.4   | 2.0   | 0.0  |



TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.4 | 1.4  | 1.2 | 1.2  | 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 |

TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 18.0  | 18.0 | 18.0   | 18.0 | 18.0   | 18.0 |
| 2.5°  | 18.6  | 17.8 | 16.8   | 16.2 | 16.0   | 15.8 |
| 5°    | 17.8  | 16.2 | 15.0   | 14.2 | 14.0   | 14.0 |
| 7.5°  | 16.0  | 14.2 | 13.0   | 12.5 | 12.3   | 12.3 |
| 10°   | 14.0  | 12.3 | 11.3   | 10.9 | 11.1   | 11.1 |
| 12.5° | 11.7  | 10.3 | 9.9    | 9.9  | 10.1   | 10.3 |
| 15°   | 9.5   | 8.7  | 8.7    | 8.9  | 9.3    | 9.5  |
| 17.5° | 7.9   | 7.5  | 7.7    | 8.1  | 8.5    | 8.9  |
| 20°   | 6.5   | 6.5  | 6.9    | 7.5  | 8.1    | 8.5  |
| 22.5° | 5.5   | 5.7  | 6.3    | 6.9  | 7.7    | 8.1  |
| 25°   | 4.7   | 5.1  | 5.7    | 6.7  | 7.5    | 7.7  |
| 27.5° | 4.0   | 4.7  | 5.5    | 6.5  | 7.3    | 7.7  |
| 30°   | 3.4   | 4.3  | 5.3    | 6.3  | 7.3    | 7.7  |
| 31°   | 3.2   | 4.0  | 5.1    | 6.3  | 7.3    | 7.7  |
| 32°   | 3.0   | 4.0  | 5.1    | 6.3  | 7.3    | 7.7  |
| 33°   | 2.8   | 3.8  | 5.1    | 6.1  | 7.3    | 7.7  |
| 34°   | 2.6   | 3.8  | 5.1    | 6.3  | 7.3    | 7.7  |
| 35°   | 2.4   | 3.6  | 4.9    | 6.1  | 7.1    | 7.7  |
| 36°   | 2.2   | 3.6  | 4.9    | 6.1  | 7.3    | 7.7  |
| 37°   | 2.0   | 3.6  | 4.9    | 6.1  | 7.1    | 7.7  |
| 38°   | 2.0   | 3.4  | 4.7    | 6.1  | 7.1    | 7.7  |
| 39°   | 1.8   | 3.2  | 4.7    | 6.1  | 7.1    | 7.7  |
| 40°   | 1.6   | 3.2  | 4.5    | 5.9  | 7.1    | 7.7  |
| 41°   | 1.4   | 3.0  | 4.5    | 5.9  | 7.1    | 7.7  |
| 42°   | 1.2   | 3.0  | 4.5    | 5.9  | 7.1    | 7.7  |
| 43°   | 1.0   | 2.8  | 4.3    | 5.9  | 7.1    | 7.7  |
| 44°   | 1.0   | 2.8  | 4.3    | 5.9  | 7.1    | 7.7  |
| 45°   | 0.8   | 2.6  | 4.0    | 5.9  | 7.1    | 7.7  |
| 46°   | 0.8   | 2.6  | 4.0    | 5.7  | 7.1    | 7.7  |
| 47°   | 0.6   | 2.6  | 4.0    | 5.7  | 7.1    | 7.7  |
| 48°   | 0.6   | 2.4  | 4.0    | 5.7  | 7.1    | 7.7  |
| 49°   | 0.4   | 2.4  | 4.0    | 5.7  | 7.1    | 7.7  |
| 50°   | 0.4   | 2.4  | 3.8    | 5.7  | 7.1    | 7.7  |
| 51°   | 0.4   | 2.4  | 3.8    | 5.7  | 7.1    | 7.7  |
| 52°   | 0.4   | 2.2  | 3.8    | 5.7  | 7.1    | 7.7  |
| 53°   | 0.4   | 2.2  | 3.8    | 5.7  | 7.1    | 7.7  |
| 54°   | 0.4   | 2.2  | 3.6    | 5.7  | 7.1    | 7.7  |
| 55°   | 0.4   | 2.0  | 3.6    | 5.5  | 7.1    | 7.5  |
| 56°   | 0.4   | 2.0  | 3.6    | 5.5  | 7.1    | 7.5  |
| 57°   | 0.4   | 2.0  | 3.4    | 5.5  | 7.1    | 7.5  |
| 58°   | 0.4   | 1.8  | 3.4    | 5.3  | 6.9    | 7.5  |
| 59°   | 0.4   | 1.8  | 3.2    | 5.3  | 6.9    | 7.3  |
| 60°   | 0.4   | 1.6  | 3.2    | 5.1  | 6.7    | 7.3  |
| 62.5° | 0.4   | 1.4  | 2.8    | 4.9  | 6.5    | 6.9  |
| 65°   | 0.4   | 1.2  | 2.6    | 4.5  | 6.3    | 6.7  |





TEST NUMBER: P1319282

CATALOG NUMBER: P3SQAS02R15B2750DE010 E3SQCA451MW\_4000K

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.4   | 1.2 | 2.4    | 4.3  | 5.9    | 6.5  |
| 70°   | 0.4   | 1.2 | 2.2    | 3.8  | 5.7    | 5.9  |
| 72.5° | 0.6   | 1.2 | 2.0    | 3.6  | 5.3    | 5.5  |
| 75°   | 0.8   | 1.2 | 1.8    | 3.2  | 4.9    | 5.1  |
| 77.5° | 0.8   | 1.2 | 1.6    | 2.8  | 4.3    | 4.5  |
| 80°   | 0.8   | 1.0 | 1.4    | 2.2  | 3.4    | 3.6  |
| 82.5° | 0.8   | 1.0 | 1.0    | 1.8  | 2.6    | 2.8  |
| 85°   | 0.6   | 0.8 | 0.8    | 1.0  | 1.8    | 2.0  |
| 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)