

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: P1305405

Luminaire Tested: P3SQAS02R259024DE010 E3SQCA451MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1305405  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3SQAS02R259024DE010 E3SQCA451MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCA451MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

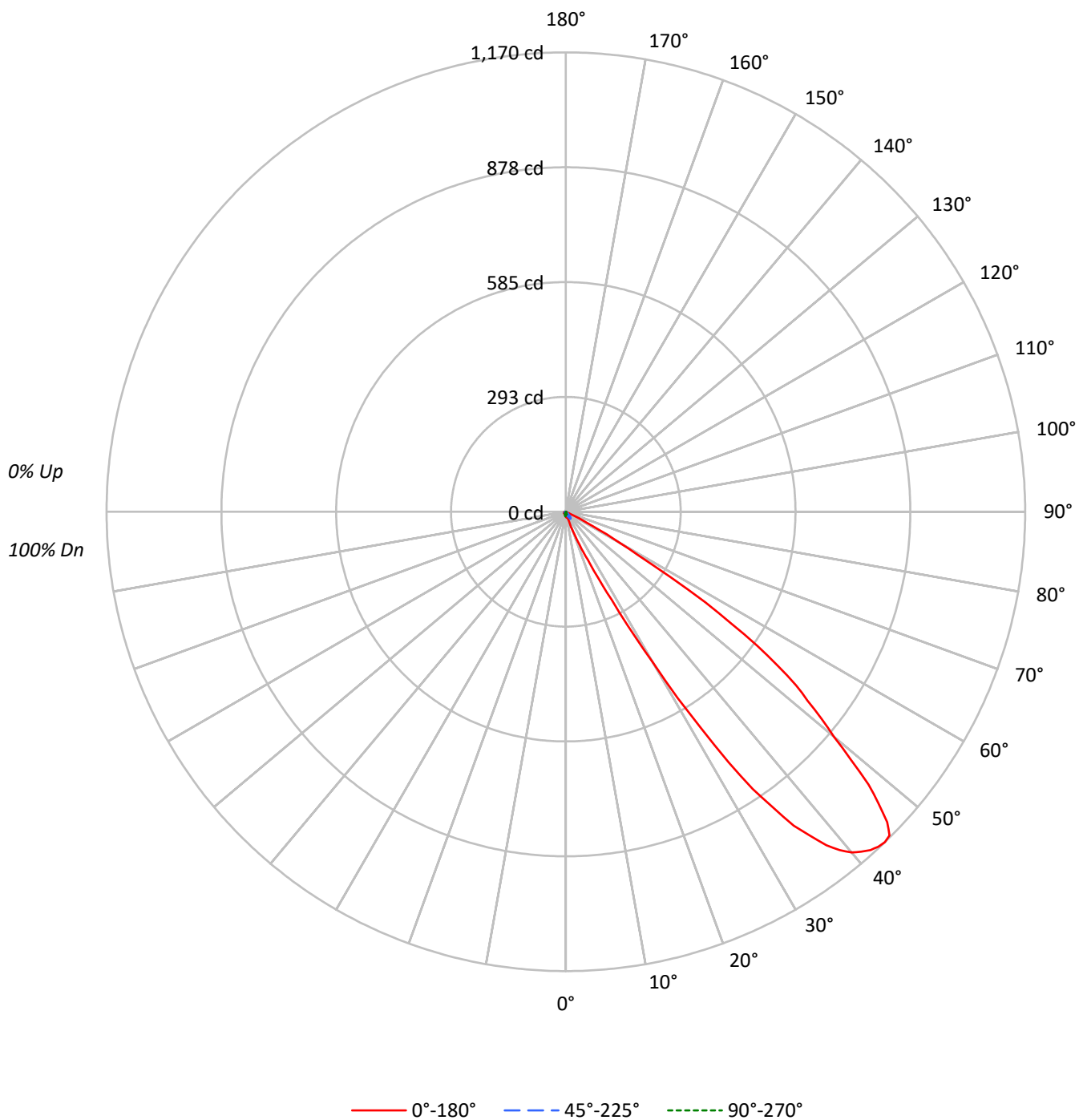
Lumens per Lamp: N/A  
Luminaire Lumens: 244.0 lumens  
Efficiency: N/A  
Efficacy: 67.8 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

### Luminous Intensity Polar Plot



TEST NUMBER: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**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 |
| 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  | 64  | 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  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  | 35  |    |    |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  | 29  |    |    |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 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  | 20  | 31  | 24  | 19  | 30  | 24  | 19  | 17  |    |    |

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

|     | 0°     | 45°  | 90°  | 135° | 180° |
|-----|--------|------|------|------|------|
| 0°  | 2153   | 2153 | 2153 | 2153 | 2153 |
| 5°  | 2455   | 2334 | 2075 | 1850 | 1815 |
| 10° | 2448   | 2221 | 1766 | 1539 | 1539 |
| 15° | 2710   | 1908 | 1373 | 1302 | 1373 |
| 20° | 9604   | 1888 | 1063 | 1100 | 1228 |
| 25° | 27630  | 2413 | 855  | 1026 | 1178 |
| 30° | 88137  | 3719 | 676  | 974  | 1193 |
| 35° | 193026 | 4373 | 589  | 946  | 1219 |
| 40° | 254632 | 3957 | 472  | 967  | 1304 |
| 45° | 283966 | 2777 | 463  | 1047 | 1413 |
| 50° | 239021 | 1447 | 455  | 1099 | 1554 |
| 55° | 178715 | 570  | 450  | 1231 | 1742 |
| 60° | 55318  | 138  | 448  | 1343 | 1929 |
| 65° | 4727   | 0    | 530  | 1386 | 2119 |
| 70° | 302    | 101  | 554  | 1611 | 2367 |
| 75° | 266    | 133  | 732  | 1730 | 2728 |
| 80° | 198    | 198  | 1091 | 1884 | 3174 |
| 85° | 395    | 395  | 1778 | 2174 | 3359 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 283966 cd/sqm

TEST NUMBER: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 1.1    | 0.5       |
| 10°-20°   | 2.9    | 1.2       |
| 20°-30°   | 13.5   | 5.5       |
| 30°-40°   | 65.0   | 26.6      |
| 40°-50°   | 101.9  | 41.8      |
| 50°-60°   | 52.2   | 21.4      |
| 60°-70°   | 4.9    | 2.0       |
| 70°-80°   | 1.7    | 0.7       |
| 80°-90°   | 0.8    | 0.3       |
| 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°    | 17.5   | 7.2       |
| 0°-40°    | 82.5   | 33.8      |
| 0°-60°    | 236.6  | 97.0      |
| 0°-90°    | 244.0  | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 244.0  | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 12   | 12  | 12  | 12   | 12   |      |
| 5°  | 14   | 14  | 12  | 11   | 10   | 1    |
| 15° | 15   | 11  | 8   | 7    | 8    | 6    |
| 25° | 145  | 13  | 4   | 5    | 6    | 90   |
| 35° | 918  | 21  | 3   | 4    | 6    | 557  |
| 45° | 1166 | 11  | 2   | 4    | 6    | 853  |
| 55° | 595  | 2   | 2   | 4    | 6    | 495  |
| 65° | 12   | 0   | 1   | 3    | 5    | 36   |
| 75° | 0    | 0   | 1   | 3    | 4    | 0    |
| 85° | 0    | 0   | 1   | 1    | 2    | 0    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 45°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 0°    | 12.5   | 12.5   | 12.5   | 12.5   | 12.5   | 12.5  | 12.5  | 12.5  | 12.5  | 12.5  | 12.5 |
| 2.5°  | 13.5   | 13.5   | 13.5   | 13.5   | 13.5   | 13.5  | 13.3  | 13.3  | 13.5  | 13.3  | 13.3 |
| 5°    | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2  | 14.2  | 14.0  | 14.0  | 14.0  | 13.5 |
| 7.5°  | 14.4   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2  | 14.2  | 14.2  | 14.0  | 14.0  | 13.3 |
| 10°   | 14.0   | 14.0   | 14.0   | 14.0   | 13.7   | 13.7  | 13.7  | 13.5  | 13.5  | 13.5  | 12.7 |
| 12.5° | 14.0   | 14.0   | 14.0   | 14.0   | 13.7   | 13.7  | 13.5  | 13.5  | 13.3  | 13.1  | 11.6 |
| 15°   | 15.2   | 15.2   | 15.2   | 15.0   | 14.8   | 14.6  | 14.4  | 14.2  | 14.0  | 13.5  | 10.7 |
| 17.5° | 22.3   | 21.7   | 21.5   | 20.6   | 19.5   | 18.5  | 17.6  | 16.7  | 15.9  | 15.2  | 10.3 |
| 20°   | 52.4   | 52.2   | 51.1   | 48.5   | 45.7   | 42.5  | 39.3  | 35.6  | 30.5  | 27.1  | 10.3 |
| 22.5° | 90.8   | 89.5   | 87.6   | 85.7   | 80.7   | 74.9  | 68.9  | 62.1  | 55.4  | 48.3  | 11.0 |
| 25°   | 145.4  | 148.4  | 141.9  | 136.8  | 128.2  | 117.7 | 106.3 | 96.8  | 84.8  | 73.6  | 12.7 |
| 27.5° | 252.7  | 254.7  | 242.0  | 225.2  | 205.3  | 183.2 | 161.7 | 145.6 | 125.4 | 106.9 | 15.9 |
| 30°   | 443.2  | 445.1  | 423.8  | 388.2  | 347.0  | 310.7 | 261.5 | 218.4 | 178.6 | 147.9 | 18.7 |
| 31°   | 553.1  | 538.1  | 513.4  | 478.8  | 426.6  | 371.9 | 312.8 | 260.7 | 210.4 | 170.1 | 19.5 |
| 32°   | 648.7  | 647.4  | 618.6  | 566.2  | 513.8  | 446.2 | 373.0 | 304.9 | 243.3 | 192.4 | 20.2 |
| 33°   | 761.4  | 752.8  | 712.2  | 662.8  | 593.5  | 525.4 | 430.9 | 353.2 | 277.0 | 217.3 | 20.6 |
| 34°   | 851.8  | 828.6  | 811.8  | 755.4  | 682.1  | 595.4 | 494.3 | 404.3 | 319.1 | 241.3 | 20.8 |
| 35°   | 918.1  | 913.2  | 880.5  | 827.9  | 753.4  | 664.8 | 562.6 | 457.3 | 354.3 | 269.3 | 20.8 |
| 36°   | 988.3  | 973.1  | 941.3  | 893.6  | 821.1  | 729.4 | 614.7 | 503.3 | 395.3 | 294.4 | 20.6 |
| 37°   | 1032.3 | 1023.3 | 991.8  | 942.6  | 871.5  | 783.9 | 673.1 | 551.8 | 427.9 | 319.5 | 20.2 |
| 38°   | 1077.7 | 1059.4 | 1028.3 | 981.2  | 911.5  | 829.2 | 715.4 | 589.2 | 458.0 | 341.6 | 19.5 |
| 39°   | 1109.0 | 1090.1 | 1058.3 | 1011.5 | 943.2  | 861.6 | 748.9 | 621.0 | 484.2 | 358.1 | 18.7 |
| 40°   | 1132.6 | 1114.4 | 1082.2 | 1034.1 | 966.6  | 887.2 | 776.8 | 649.1 | 506.1 | 372.5 | 17.6 |
| 41°   | 1147.2 | 1130.3 | 1098.3 | 1050.4 | 982.7  | 901.8 | 795.1 | 667.3 | 520.9 | 382.2 | 16.5 |
| 42°   | 1159.5 | 1142.1 | 1109.4 | 1060.5 | 992.6  | 914.3 | 806.3 | 678.9 | 531.0 | 387.1 | 15.7 |
| 43°   | 1166.3 | 1148.9 | 1117.2 | 1067.1 | 998.6  | 920.1 | 812.3 | 684.3 | 534.4 | 386.5 | 14.2 |
| 44°   | 1170.2 | 1152.2 | 1120.2 | 1070.1 | 1001.2 | 921.6 | 812.7 | 683.2 | 532.1 | 381.3 | 12.9 |
| 45°   | 1165.9 | 1148.1 | 1117.2 | 1067.1 | 996.7  | 916.8 | 808.4 | 677.4 | 523.0 | 371.2 | 11.4 |
| 46°   | 1138.0 | 1124.2 | 1095.9 | 1050.0 | 982.5  | 904.8 | 797.4 | 666.3 | 509.1 | 358.8 | 9.7  |
| 47°   | 1088.8 | 1077.9 | 1050.4 | 1016.2 | 955.3  | 882.7 | 777.3 | 645.0 | 489.5 | 340.1 | 7.7  |
| 48°   | 1037.5 | 1021.4 | 995.8  | 960.8  | 909.3  | 843.0 | 744.0 | 613.9 | 459.9 | 315.6 | 6.9  |
| 49°   | 961.7  | 952.3  | 929.7  | 890.6  | 847.9  | 789.5 | 697.0 | 573.9 | 423.6 | 289.0 | 6.0  |
| 50°   | 892.1  | 885.7  | 854.1  | 825.4  | 780.1  | 725.5 | 633.2 | 521.3 | 378.5 | 255.9 | 5.4  |
| 51°   | 837.8  | 830.1  | 807.3  | 771.5  | 723.2  | 659.8 | 572.9 | 453.0 | 326.8 | 216.6 | 4.3  |
| 52°   | 781.1  | 776.8  | 756.7  | 719.7  | 672.3  | 609.1 | 514.2 | 395.1 | 276.6 | 183.2 | 3.4  |
| 53°   | 734.8  | 728.5  | 703.8  | 671.0  | 619.7  | 554.4 | 450.7 | 341.2 | 234.3 | 154.0 | 3.0  |
| 54°   | 667.1  | 664.5  | 648.7  | 614.3  | 558.7  | 487.6 | 393.1 | 287.3 | 195.4 | 130.5 | 2.6  |
| 55°   | 595.2  | 586.6  | 570.5  | 543.2  | 492.1  | 425.8 | 326.6 | 238.1 | 158.0 | 109.9 | 1.9  |
| 56°   | 507.6  | 507.2  | 478.4  | 455.6  | 410.3  | 339.9 | 260.9 | 185.9 | 128.4 | 91.7  | 1.7  |
| 57°   | 423.8  | 410.3  | 382.6  | 360.1  | 311.3  | 257.9 | 193.7 | 139.3 | 100.5 | 74.3  | 1.3  |
| 58°   | 313.5  | 306.4  | 299.1  | 266.0  | 220.9  | 182.7 | 138.3 | 97.9  | 74.3  | 56.7  | 0.9  |
| 59°   | 212.8  | 212.6  | 204.0  | 178.9  | 152.9  | 113.8 | 86.3  | 66.6  | 51.1  | 41.7  | 0.6  |
| 60°   | 160.6  | 156.7  | 139.6  | 123.0  | 96.2   | 71.9  | 51.1  | 39.3  | 31.8  | 26.8  | 0.4  |
| 62.5° | 56.3   | 58.4   | 51.3   | 42.5   | 32.4   | 26.6  | 20.4  | 16.5  | 13.5  | 11.0  | 0.0  |
| 65°   | 11.6   | 12.7   | 11.0   | 10.3   | 8.2    | 7.1   | 6.2   | 5.4   | 4.5   | 3.9   | 0.0  |



TEST NUMBER: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 1.5 | 1.3  | 1.3 | 1.3  | 1.1 | 1.1   | 1.1 | 1.1   | 0.9 | 0.9   | 0.2 |
| 70°   | 0.6 | 0.6  | 0.6 | 0.6  | 0.6 | 0.6   | 0.4 | 0.4   | 0.4 | 0.4   | 0.2 |
| 72.5° | 0.6 | 0.6  | 0.6 | 0.4  | 0.4 | 0.4   | 0.4 | 0.4   | 0.4 | 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 | 0.4   | 0.2 | 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   | 0.4 |
| 85°   | 0.2 | 0.2  | 0.2 | 0.0  | 0.0 | 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: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 12.5  | 12.5 | 12.5   | 12.5 | 12.5   | 12.5 |
| 2.5°  | 13.1  | 12.7 | 12.0   | 11.8 | 11.6   | 11.6 |
| 5°    | 12.9  | 12.0 | 11.4   | 10.7 | 10.5   | 10.5 |
| 7.5°  | 12.2  | 11.2 | 10.3   | 9.9  | 9.7    | 9.4  |
| 10°   | 11.6  | 10.1 | 9.2    | 8.8  | 8.8    | 8.8  |
| 12.5° | 10.3  | 9.0  | 8.2    | 7.9  | 8.2    | 8.2  |
| 15°   | 9.2   | 7.7  | 7.3    | 7.3  | 7.5    | 7.7  |
| 17.5° | 7.9   | 6.9  | 6.4    | 6.7  | 6.9    | 7.1  |
| 20°   | 7.1   | 5.8  | 5.8    | 6.0  | 6.7    | 6.7  |
| 22.5° | 6.2   | 5.2  | 5.2    | 5.8  | 6.2    | 6.4  |
| 25°   | 5.6   | 4.5  | 4.7    | 5.4  | 6.0    | 6.2  |
| 27.5° | 4.7   | 3.9  | 4.3    | 5.2  | 5.8    | 6.0  |
| 30°   | 4.1   | 3.4  | 4.1    | 4.9  | 5.6    | 6.0  |
| 31°   | 3.9   | 3.2  | 4.1    | 4.7  | 5.6    | 6.0  |
| 32°   | 3.4   | 3.2  | 3.9    | 4.7  | 5.6    | 5.8  |
| 33°   | 3.2   | 3.0  | 3.9    | 4.7  | 5.6    | 5.8  |
| 34°   | 3.0   | 2.8  | 3.7    | 4.7  | 5.6    | 5.8  |
| 35°   | 2.6   | 2.8  | 3.7    | 4.5  | 5.4    | 5.8  |
| 36°   | 2.4   | 2.6  | 3.7    | 4.5  | 5.4    | 5.8  |
| 37°   | 2.1   | 2.6  | 3.4    | 4.5  | 5.4    | 5.8  |
| 38°   | 1.9   | 2.4  | 3.4    | 4.5  | 5.4    | 5.8  |
| 39°   | 1.7   | 2.4  | 3.2    | 4.5  | 5.4    | 5.8  |
| 40°   | 1.5   | 2.1  | 3.2    | 4.3  | 5.4    | 5.8  |
| 41°   | 1.5   | 2.1  | 3.2    | 4.3  | 5.4    | 5.8  |
| 42°   | 1.3   | 2.1  | 3.2    | 4.3  | 5.4    | 5.8  |
| 43°   | 1.1   | 1.9  | 3.2    | 4.3  | 5.4    | 5.8  |
| 44°   | 0.9   | 1.9  | 3.0    | 4.3  | 5.4    | 5.8  |
| 45°   | 0.9   | 1.9  | 3.0    | 4.3  | 5.4    | 5.8  |
| 46°   | 0.6   | 1.7  | 3.0    | 4.3  | 5.4    | 5.8  |
| 47°   | 0.4   | 1.7  | 3.0    | 4.1  | 5.4    | 5.8  |
| 48°   | 0.4   | 1.7  | 3.0    | 4.1  | 5.4    | 5.8  |
| 49°   | 0.4   | 1.7  | 2.8    | 4.1  | 5.4    | 5.8  |
| 50°   | 0.4   | 1.7  | 2.8    | 4.1  | 5.4    | 5.8  |
| 51°   | 0.2   | 1.5  | 2.8    | 4.1  | 5.4    | 5.8  |
| 52°   | 0.2   | 1.5  | 2.8    | 4.1  | 5.4    | 6.0  |
| 53°   | 0.2   | 1.5  | 2.8    | 4.1  | 5.4    | 5.8  |
| 54°   | 0.2   | 1.5  | 2.6    | 4.1  | 5.4    | 5.8  |
| 55°   | 0.2   | 1.5  | 2.6    | 4.1  | 5.4    | 5.8  |
| 56°   | 0.2   | 1.3  | 2.6    | 3.9  | 5.4    | 5.8  |
| 57°   | 0.4   | 1.3  | 2.6    | 3.9  | 5.4    | 5.6  |
| 58°   | 0.4   | 1.3  | 2.6    | 3.9  | 5.2    | 5.6  |
| 59°   | 0.4   | 1.3  | 2.6    | 3.9  | 5.2    | 5.6  |
| 60°   | 0.4   | 1.3  | 2.4    | 3.9  | 5.2    | 5.6  |
| 62.5° | 0.4   | 1.3  | 2.4    | 3.7  | 4.9    | 5.4  |
| 65°   | 0.4   | 1.3  | 2.1    | 3.4  | 4.9    | 5.2  |



TEST NUMBER: P1305405

CATALOG NUMBER: P3SQAS02R259024DE010 E3SQCA451MB

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 0.4   | 1.1 | 2.1    | 3.2  | 4.7    | 4.9  |
| 70°   | 0.6   | 1.1 | 1.9    | 3.2  | 4.5    | 4.7  |
| 72.5° | 0.6   | 1.1 | 1.9    | 2.8  | 4.1    | 4.5  |
| 75°   | 0.6   | 1.1 | 1.7    | 2.6  | 3.9    | 4.1  |
| 77.5° | 0.6   | 1.1 | 1.5    | 2.4  | 3.4    | 3.7  |
| 80°   | 0.9   | 1.1 | 1.3    | 1.9  | 3.0    | 3.2  |
| 82.5° | 0.9   | 1.1 | 1.1    | 1.5  | 2.4    | 2.6  |
| 85°   | 0.6   | 0.9 | 0.9    | 1.1  | 1.5    | 1.7  |
| 87.5° | 0.6   | 0.9 | 0.6    | 0.4  | 0.9    | 0.9  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)