

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: P1344446

Luminaire Tested: P3A13R259035DE010 E3CA451MW

Issue Date: 2/13/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1344446  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-75)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/13/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259035DE010 E3CA451MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3CA451MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

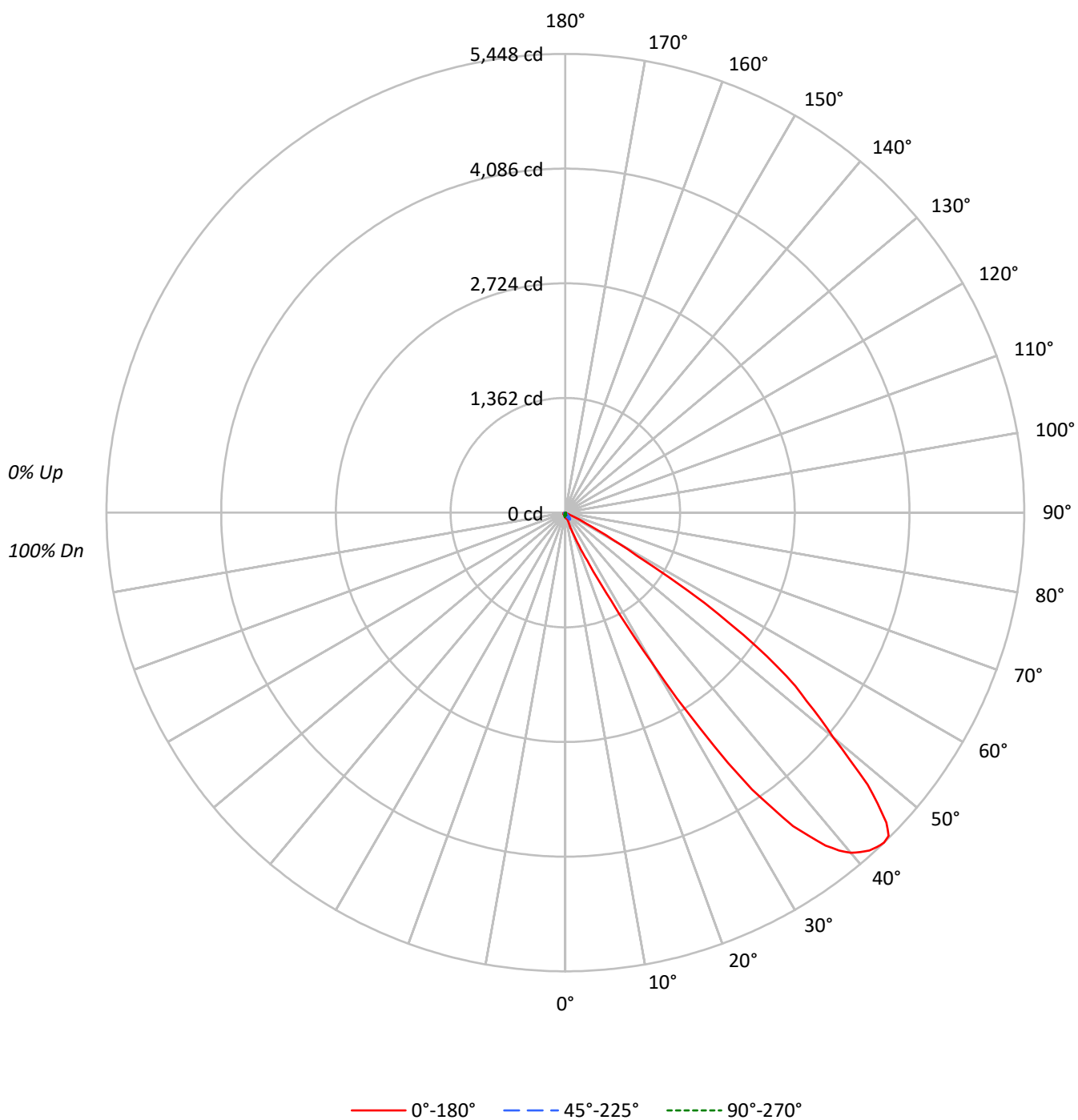
Lumens per Lamp: N/A  
Luminaire Lumens: 1136.0 lumens  
Efficiency: N/A  
Efficacy: 77.8 lumens/watt  
Spacing Criteria (0/90/45): 3.65 / 0.6 / 1.37  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.6  
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: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

### Luminous Intensity Polar Plot



TEST NUMBER: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 101 | 97  | 100 | 97  | 94  | 96  | 94  | 92  | 92  | 91  | 89  |
| 2   | 101 | 93  | 87  | 82  | 98  | 91  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 78  | 75  |
| 3   | 92  | 81  | 74  | 67  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 64  | 72  | 67  | 63  |
| 4   | 83  | 71  | 62  | 56  | 81  | 70  | 62  | 55  | 67  | 60  | 55  | 65  | 59  | 54  | 63  | 58  | 53  |
| 5   | 75  | 62  | 53  | 46  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 45  |
| 6   | 68  | 55  | 45  | 39  | 66  | 54  | 45  | 39  | 52  | 44  | 38  | 50  | 43  | 38  | 48  | 42  | 37  |
| 7   | 62  | 48  | 39  | 32  | 60  | 47  | 39  | 32  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 32  |
| 8   | 57  | 43  | 34  | 27  | 55  | 42  | 33  | 27  | 40  | 33  | 27  | 39  | 32  | 27  | 38  | 32  | 27  |
| 9   | 52  | 38  | 29  | 23  | 51  | 37  | 29  | 23  | 36  | 28  | 23  | 35  | 28  | 23  | 34  | 27  | 23  |
| 10  | 48  | 34  | 25  | 20  | 47  | 33  | 25  | 20  | 32  | 25  | 20  | 31  | 24  | 19  | 30  | 24  | 19  |

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

|     | 0°      | 45°   | 90°   | 135°  | 180°  |
|-----|---------|-------|-------|-------|-------|
| 0°  | 12718   | 12718 | 12718 | 12718 | 12718 |
| 5°  | 14528   | 13867 | 12327 | 11006 | 10786 |
| 10° | 14473   | 13137 | 10465 | 9129  | 9129  |
| 15° | 16118   | 11351 | 8173  | 7719  | 8173  |
| 20° | 56915   | 11201 | 6301  | 6534  | 7234  |
| 25° | 163751  | 14275 | 5081  | 6049  | 7017  |
| 30° | 522435  | 22029 | 4051  | 5824  | 7090  |
| 35° | 1144251 | 25966 | 3480  | 5622  | 7228  |
| 40° | 1509457 | 23473 | 2863  | 5725  | 7729  |
| 45° | 1683307 | 16436 | 2791  | 6202  | 8373  |
| 50° | 1416960 | 8529  | 2729  | 6482  | 9211  |
| 55° | 1059365 | 3441  | 2676  | 7264  | 10322 |
| 60° | 327912  | 877   | 2631  | 7894  | 11403 |
| 65° | 28019   | 0     | 3113  | 8302  | 12453 |
| 70° | 1923    | 641   | 3206  | 9617  | 14105 |
| 75° | 1694    | 847   | 4236  | 10167 | 16097 |
| 80° | 1263    | 1263  | 6314  | 11365 | 18942 |
| 85° | 2516    | 2516  | 10064 | 12580 | 20128 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1683307 cd/sqm

TEST NUMBER: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 5.2    | 0.5       |
| 10°-20°   | 13.4   | 1.2       |
| 20°-30°   | 62.8   | 5.5       |
| 30°-40°   | 302.6  | 26.6      |
| 40°-50°   | 474.3  | 41.8      |
| 50°-60°   | 243.2  | 21.4      |
| 60°-70°   | 22.9   | 2.0       |
| 70°-80°   | 7.7    | 0.7       |
| 80°-90°   | 3.9    | 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°    | 81.4   | 7.2       |
| 0°-40°    | 384.0  | 33.8      |
| 0°-60°    | 1101.5 | 97.0      |
| 0°-90°    | 1136.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1136.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0°  | 58   | 58  | 58  | 58   | 58   |      |
| 5°  | 66   | 63  | 56  | 50   | 49   | 6    |
| 15° | 71   | 50  | 36  | 34   | 36   | 30   |
| 25° | 677  | 59  | 21  | 25   | 29   | 420  |
| 35° | 4274 | 97  | 13  | 21   | 27   | 2595 |
| 45° | 5428 | 53  | 9   | 20   | 27   | 3972 |
| 55° | 2771 | 9   | 7   | 19   | 27   | 2307 |
| 65° | 54   | 0   | 6   | 16   | 24   | 169  |
| 75° | 2    | 1   | 5   | 12   | 19   | 2    |
| 85° | 1    | 1   | 4   | 5    | 8    | 1    |
| 90° | 0    | 0   | 0   | 0    | 0    |      |

TEST NUMBER: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5°  | 45°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 0°    | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0   | 58.0 |
| 2.5°  | 63.0   | 63.0   | 63.0   | 63.0   | 63.0   | 63.0   | 62.0   | 62.0   | 63.0   | 62.0   | 62.0 |
| 5°    | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 65.0   | 65.0   | 65.0   | 63.0 |
| 7.5°  | 67.0   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 65.0   | 65.0   | 62.0 |
| 10°   | 65.0   | 65.0   | 65.0   | 65.0   | 64.0   | 64.0   | 64.0   | 63.0   | 63.0   | 63.0   | 59.0 |
| 12.5° | 65.0   | 65.0   | 65.0   | 65.0   | 64.0   | 64.0   | 63.0   | 63.0   | 62.0   | 61.0   | 54.0 |
| 15°   | 71.0   | 71.0   | 71.0   | 70.0   | 69.0   | 68.0   | 67.0   | 66.0   | 65.0   | 63.0   | 50.0 |
| 17.5° | 104.0  | 101.0  | 100.0  | 96.0   | 91.0   | 86.0   | 82.0   | 78.0   | 74.0   | 71.0   | 48.0 |
| 20°   | 243.9  | 242.9  | 237.9  | 225.9  | 212.9  | 197.9  | 182.9  | 165.9  | 142.0  | 126.0  | 48.0 |
| 22.5° | 422.9  | 416.9  | 407.9  | 398.9  | 375.9  | 348.9  | 320.9  | 288.9  | 257.9  | 224.9  | 51.0 |
| 25°   | 676.8  | 690.8  | 660.8  | 636.8  | 596.8  | 547.8  | 494.8  | 450.8  | 394.9  | 342.9  | 59.0 |
| 27.5° | 1176.6 | 1185.6 | 1126.6 | 1048.6 | 955.7  | 852.7  | 752.7  | 677.8  | 583.8  | 497.8  | 74.0 |
| 30°   | 2063.3 | 2072.3 | 1973.3 | 1807.4 | 1615.4 | 1446.5 | 1217.6 | 1016.6 | 831.7  | 688.8  | 87.0 |
| 31°   | 2575.1 | 2505.1 | 2390.2 | 2229.2 | 1986.3 | 1731.4 | 1456.5 | 1213.6 | 979.7  | 791.7  | 91.0 |
| 32°   | 3020.0 | 3014.0 | 2880.0 | 2636.1 | 2392.2 | 2077.3 | 1736.4 | 1419.5 | 1132.6 | 895.7  | 94.0 |
| 33°   | 3544.8 | 3504.8 | 3315.8 | 3085.9 | 2763.0 | 2446.2 | 2006.3 | 1644.4 | 1289.6 | 1011.6 | 96.0 |
| 34°   | 3965.6 | 3857.7 | 3779.7 | 3516.8 | 3175.9 | 2772.0 | 2301.2 | 1882.3 | 1485.5 | 1123.6 | 97.0 |
| 35°   | 4274.5 | 4251.5 | 4099.6 | 3854.7 | 3507.8 | 3094.9 | 2619.1 | 2129.3 | 1649.4 | 1253.6 | 97.0 |
| 36°   | 4601.4 | 4530.4 | 4382.5 | 4160.6 | 3822.7 | 3395.8 | 2862.0 | 2343.2 | 1840.4 | 1370.5 | 96.0 |
| 37°   | 4806.3 | 4764.3 | 4617.4 | 4388.5 | 4057.6 | 3649.7 | 3133.9 | 2569.1 | 1992.3 | 1487.5 | 94.0 |
| 38°   | 5017.3 | 4932.3 | 4787.3 | 4568.4 | 4243.5 | 3860.7 | 3330.8 | 2743.0 | 2132.3 | 1590.4 | 91.0 |
| 39°   | 5163.2 | 5075.2 | 4927.3 | 4709.4 | 4391.5 | 4011.6 | 3486.8 | 2891.0 | 2254.2 | 1667.4 | 87.0 |
| 40°   | 5273.2 | 5188.2 | 5038.3 | 4814.3 | 4500.4 | 4130.6 | 3616.7 | 3022.0 | 2356.2 | 1734.4 | 82.0 |
| 41°   | 5341.1 | 5262.2 | 5113.2 | 4890.3 | 4575.4 | 4198.5 | 3701.7 | 3106.9 | 2425.2 | 1779.4 | 77.0 |
| 42°   | 5398.1 | 5317.2 | 5165.2 | 4937.3 | 4621.4 | 4256.5 | 3753.7 | 3160.9 | 2472.1 | 1802.4 | 73.0 |
| 43°   | 5430.1 | 5349.1 | 5201.2 | 4968.3 | 4649.4 | 4283.5 | 3781.7 | 3185.9 | 2488.1 | 1799.4 | 66.0 |
| 44°   | 5448.1 | 5364.1 | 5215.2 | 4982.3 | 4661.4 | 4290.5 | 3783.7 | 3180.9 | 2477.1 | 1775.4 | 60.0 |
| 45°   | 5428.1 | 5345.1 | 5201.2 | 4968.3 | 4640.4 | 4268.5 | 3763.7 | 3153.9 | 2435.2 | 1728.4 | 53.0 |
| 46°   | 5298.2 | 5234.2 | 5102.2 | 4888.3 | 4574.4 | 4212.5 | 3712.7 | 3101.9 | 2370.2 | 1670.4 | 45.0 |
| 47°   | 5069.2 | 5018.3 | 4890.3 | 4731.4 | 4447.5 | 4109.6 | 3618.7 | 3003.0 | 2279.2 | 1583.5 | 36.0 |
| 48°   | 4830.3 | 4755.4 | 4636.4 | 4473.4 | 4233.5 | 3924.6 | 3463.8 | 2858.0 | 2141.3 | 1469.5 | 32.0 |
| 49°   | 4477.4 | 4433.5 | 4328.5 | 4146.6 | 3947.6 | 3675.7 | 3244.9 | 2672.1 | 1972.3 | 1345.5 | 28.0 |
| 50°   | 4153.6 | 4123.6 | 3976.6 | 3842.7 | 3631.7 | 3377.8 | 2948.0 | 2427.2 | 1762.4 | 1191.6 | 25.0 |
| 51°   | 3900.6 | 3864.7 | 3758.7 | 3591.8 | 3366.8 | 3071.9 | 2667.1 | 2109.3 | 1521.5 | 1008.7 | 20.0 |
| 52°   | 3636.7 | 3616.7 | 3522.8 | 3350.8 | 3129.9 | 2836.0 | 2394.2 | 1839.4 | 1287.6 | 852.7  | 16.0 |
| 53°   | 3420.8 | 3391.8 | 3276.9 | 3123.9 | 2885.0 | 2581.1 | 2098.3 | 1588.4 | 1090.6 | 716.8  | 14.0 |
| 54°   | 3105.9 | 3093.9 | 3020.0 | 2860.0 | 2601.1 | 2270.2 | 1830.4 | 1337.5 | 909.7  | 607.8  | 12.0 |
| 55°   | 2771.0 | 2731.1 | 2656.1 | 2529.1 | 2291.2 | 1982.3 | 1520.5 | 1108.6 | 735.7  | 511.8  | 9.0  |
| 56°   | 2363.2 | 2361.2 | 2227.2 | 2121.3 | 1910.3 | 1582.5 | 1214.6 | 865.7  | 597.8  | 426.9  | 8.0  |
| 57°   | 1973.3 | 1910.3 | 1781.4 | 1676.4 | 1449.5 | 1200.6 | 901.7  | 648.8  | 467.8  | 345.9  | 6.0  |
| 58°   | 1459.5 | 1426.5 | 1392.5 | 1238.6 | 1028.6 | 850.7  | 643.8  | 455.8  | 345.9  | 263.9  | 4.0  |
| 59°   | 990.7  | 989.7  | 949.7  | 832.7  | 711.8  | 529.8  | 401.9  | 309.9  | 237.9  | 193.9  | 3.0  |
| 60°   | 747.7  | 729.7  | 649.8  | 572.8  | 447.8  | 334.9  | 237.9  | 182.9  | 147.9  | 125.0  | 2.0  |
| 62.5° | 261.9  | 271.9  | 238.9  | 197.9  | 150.9  | 124.0  | 95.0   | 77.0   | 63.0   | 51.0   | 0.0  |
| 65°   | 54.0   | 59.0   | 51.0   | 48.0   | 38.0   | 33.0   | 29.0   | 25.0   | 21.0   | 18.0   | 0.0  |



TEST NUMBER: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**CANDELA DISTRIBUTION (continued):**

|       | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 67.5° | 7.0 | 6.0  | 6.0 | 6.0  | 5.0 | 5.0   | 5.0 | 5.0   | 4.0 | 4.0   | 1.0 |
| 70°   | 3.0 | 3.0  | 3.0 | 3.0  | 3.0 | 3.0   | 2.0 | 2.0   | 2.0 | 2.0   | 1.0 |
| 72.5° | 3.0 | 3.0  | 3.0 | 2.0  | 2.0 | 2.0   | 2.0 | 2.0   | 2.0 | 1.0   | 1.0 |
| 75°   | 2.0 | 2.0  | 2.0 | 2.0  | 2.0 | 2.0   | 2.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 77.5° | 2.0 | 2.0  | 2.0 | 2.0  | 2.0 | 2.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 80°   | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 82.5° | 1.0 | 1.0  | 1.0 | 1.0  | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 2.0 |
| 85°   | 1.0 | 1.0  | 1.0 | 0.0  | 0.0 | 1.0   | 1.0 | 1.0   | 1.0 | 1.0   | 1.0 |
| 87.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 1.0 |
| 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: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90°  | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0°    | 58.0  | 58.0 | 58.0   | 58.0 | 58.0   | 58.0 |
| 2.5°  | 61.0  | 59.0 | 56.0   | 55.0 | 54.0   | 54.0 |
| 5°    | 60.0  | 56.0 | 53.0   | 50.0 | 49.0   | 49.0 |
| 7.5°  | 57.0  | 52.0 | 48.0   | 46.0 | 45.0   | 44.0 |
| 10°   | 54.0  | 47.0 | 43.0   | 41.0 | 41.0   | 41.0 |
| 12.5° | 48.0  | 42.0 | 38.0   | 37.0 | 38.0   | 38.0 |
| 15°   | 43.0  | 36.0 | 34.0   | 34.0 | 35.0   | 36.0 |
| 17.5° | 37.0  | 32.0 | 30.0   | 31.0 | 32.0   | 33.0 |
| 20°   | 33.0  | 27.0 | 27.0   | 28.0 | 31.0   | 31.0 |
| 22.5° | 29.0  | 24.0 | 24.0   | 27.0 | 29.0   | 30.0 |
| 25°   | 26.0  | 21.0 | 22.0   | 25.0 | 28.0   | 29.0 |
| 27.5° | 22.0  | 18.0 | 20.0   | 24.0 | 27.0   | 28.0 |
| 30°   | 19.0  | 16.0 | 19.0   | 23.0 | 26.0   | 28.0 |
| 31°   | 18.0  | 15.0 | 19.0   | 22.0 | 26.0   | 28.0 |
| 32°   | 16.0  | 15.0 | 18.0   | 22.0 | 26.0   | 27.0 |
| 33°   | 15.0  | 14.0 | 18.0   | 22.0 | 26.0   | 27.0 |
| 34°   | 14.0  | 13.0 | 17.0   | 22.0 | 26.0   | 27.0 |
| 35°   | 12.0  | 13.0 | 17.0   | 21.0 | 25.0   | 27.0 |
| 36°   | 11.0  | 12.0 | 17.0   | 21.0 | 25.0   | 27.0 |
| 37°   | 10.0  | 12.0 | 16.0   | 21.0 | 25.0   | 27.0 |
| 38°   | 9.0   | 11.0 | 16.0   | 21.0 | 25.0   | 27.0 |
| 39°   | 8.0   | 11.0 | 15.0   | 21.0 | 25.0   | 27.0 |
| 40°   | 7.0   | 10.0 | 15.0   | 20.0 | 25.0   | 27.0 |
| 41°   | 7.0   | 10.0 | 15.0   | 20.0 | 25.0   | 27.0 |
| 42°   | 6.0   | 10.0 | 15.0   | 20.0 | 25.0   | 27.0 |
| 43°   | 5.0   | 9.0  | 15.0   | 20.0 | 25.0   | 27.0 |
| 44°   | 4.0   | 9.0  | 14.0   | 20.0 | 25.0   | 27.0 |
| 45°   | 4.0   | 9.0  | 14.0   | 20.0 | 25.0   | 27.0 |
| 46°   | 3.0   | 8.0  | 14.0   | 20.0 | 25.0   | 27.0 |
| 47°   | 2.0   | 8.0  | 14.0   | 19.0 | 25.0   | 27.0 |
| 48°   | 2.0   | 8.0  | 14.0   | 19.0 | 25.0   | 27.0 |
| 49°   | 2.0   | 8.0  | 13.0   | 19.0 | 25.0   | 27.0 |
| 50°   | 2.0   | 8.0  | 13.0   | 19.0 | 25.0   | 27.0 |
| 51°   | 1.0   | 7.0  | 13.0   | 19.0 | 25.0   | 27.0 |
| 52°   | 1.0   | 7.0  | 13.0   | 19.0 | 25.0   | 28.0 |
| 53°   | 1.0   | 7.0  | 13.0   | 19.0 | 25.0   | 27.0 |
| 54°   | 1.0   | 7.0  | 12.0   | 19.0 | 25.0   | 27.0 |
| 55°   | 1.0   | 7.0  | 12.0   | 19.0 | 25.0   | 27.0 |
| 56°   | 1.0   | 6.0  | 12.0   | 18.0 | 25.0   | 27.0 |
| 57°   | 2.0   | 6.0  | 12.0   | 18.0 | 25.0   | 26.0 |
| 58°   | 2.0   | 6.0  | 12.0   | 18.0 | 24.0   | 26.0 |
| 59°   | 2.0   | 6.0  | 12.0   | 18.0 | 24.0   | 26.0 |
| 60°   | 2.0   | 6.0  | 11.0   | 18.0 | 24.0   | 26.0 |
| 62.5° | 2.0   | 6.0  | 11.0   | 17.0 | 23.0   | 25.0 |
| 65°   | 2.0   | 6.0  | 10.0   | 16.0 | 23.0   | 24.0 |





TEST NUMBER: P1344446

CATALOG NUMBER: P3A13R259035DE010 E3CA451MW

**CANDELA DISTRIBUTION (continued):**

|       | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.0   | 5.0 | 10.0   | 15.0 | 22.0   | 23.0 |
| 70°   | 3.0   | 5.0 | 9.0    | 15.0 | 21.0   | 22.0 |
| 72.5° | 3.0   | 5.0 | 9.0    | 13.0 | 19.0   | 21.0 |
| 75°   | 3.0   | 5.0 | 8.0    | 12.0 | 18.0   | 19.0 |
| 77.5° | 3.0   | 5.0 | 7.0    | 11.0 | 16.0   | 17.0 |
| 80°   | 4.0   | 5.0 | 6.0    | 9.0  | 14.0   | 15.0 |
| 82.5° | 4.0   | 5.0 | 5.0    | 7.0  | 11.0   | 12.0 |
| 85°   | 3.0   | 4.0 | 4.0    | 5.0  | 7.0    | 8.0  |
| 87.5° | 3.0   | 4.0 | 3.0    | 2.0  | 4.0    | 4.0  |
| 90°   | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  |

(END OF REPORT)