

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: PORTFOLIO

Report Number: P1307260

Luminaire Tested: LDSQA3D17R159024DE010 3LSQCA45R 1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307260
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: PORTFOLIO
Catalog Number: LDSQA3D17R159024DE010 3LSQCA45R 1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , 3LSQCA45R 1MB TRIM
Light Source: -
Ballast/Driver: -

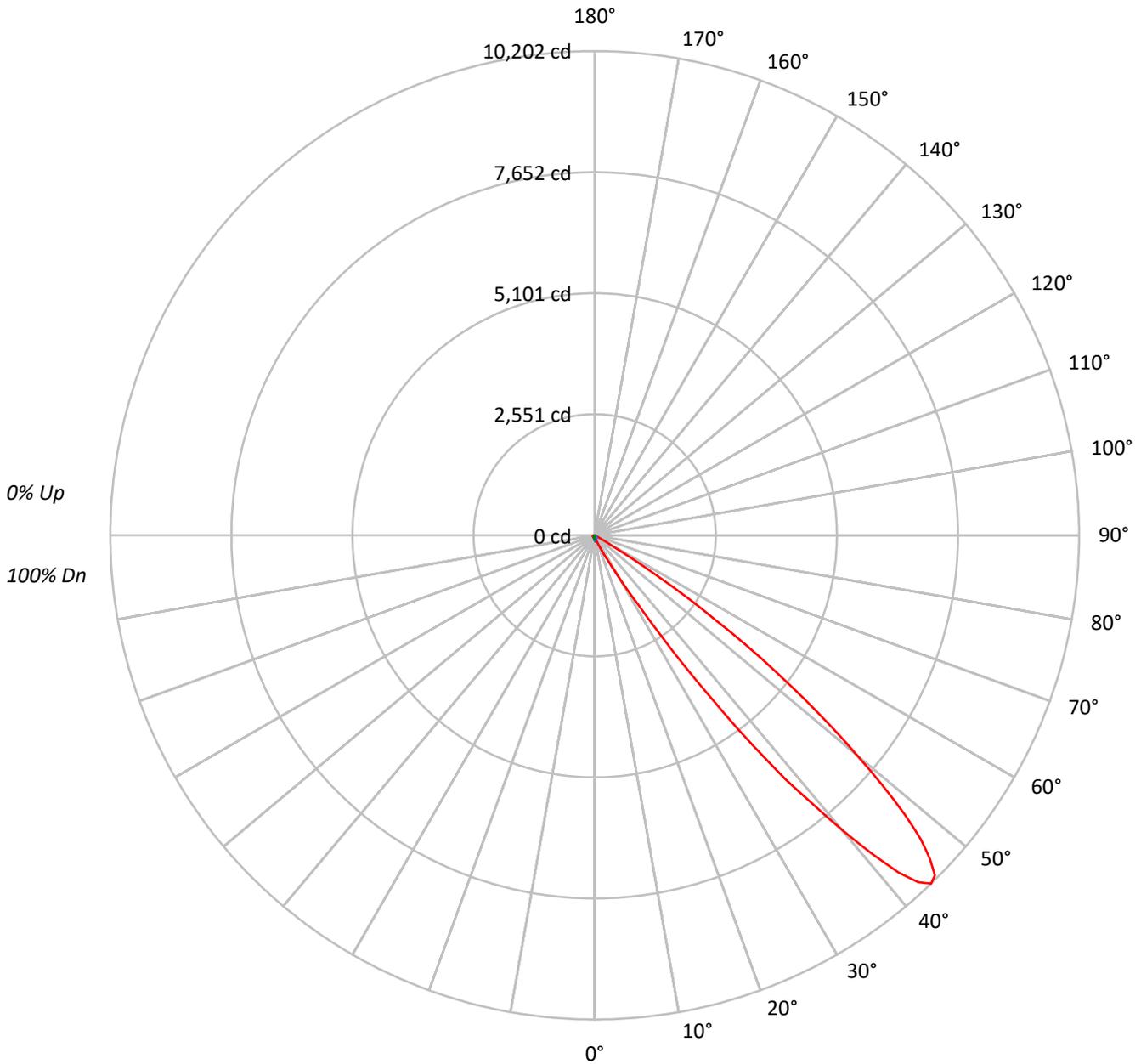
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1139.0 lumens
Efficiency: N/A
Efficacy: 53.7 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): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1307260
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1307260

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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 | 102 | 102 | 102 | 100 |
| 1 | 110 | 106 | 102 | 99 | 107 | 104 | 100 | 97 | 100 | 97 | 94 | 96 | 93 | 91 | 92 | 90 | 89 | 89 | 89 | 89 | 87 |
| 2 | 101 | 93 | 87 | 81 | 98 | 91 | 85 | 80 | 87 | 83 | 78 | 84 | 80 | 77 | 81 | 78 | 75 | 75 | 75 | 75 | 73 |
| 3 | 91 | 81 | 73 | 67 | 89 | 79 | 72 | 66 | 76 | 70 | 65 | 74 | 68 | 64 | 71 | 67 | 63 | 63 | 63 | 63 | 61 |
| 4 | 83 | 71 | 62 | 55 | 80 | 69 | 61 | 55 | 67 | 60 | 54 | 64 | 58 | 53 | 62 | 57 | 53 | 53 | 53 | 53 | 50 |
| 5 | 75 | 62 | 52 | 46 | 73 | 61 | 52 | 45 | 58 | 51 | 45 | 56 | 50 | 44 | 55 | 49 | 44 | 44 | 44 | 44 | 42 |
| 6 | 68 | 54 | 45 | 38 | 66 | 53 | 44 | 38 | 51 | 43 | 37 | 49 | 42 | 37 | 48 | 42 | 37 | 37 | 37 | 37 | 35 |
| 7 | 62 | 47 | 38 | 32 | 60 | 47 | 38 | 32 | 45 | 37 | 31 | 44 | 36 | 31 | 42 | 36 | 31 | 31 | 31 | 31 | 29 |
| 8 | 56 | 42 | 33 | 27 | 55 | 41 | 33 | 27 | 40 | 32 | 26 | 39 | 31 | 26 | 37 | 31 | 26 | 26 | 26 | 26 | 24 |
| 9 | 52 | 37 | 28 | 22 | 50 | 37 | 28 | 22 | 35 | 28 | 22 | 34 | 27 | 22 | 33 | 27 | 22 | 22 | 22 | 22 | 20 |
| 10 | 48 | 33 | 25 | 19 | 46 | 33 | 25 | 19 | 32 | 24 | 19 | 31 | 24 | 19 | 30 | 23 | 19 | 19 | 19 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|-------|-------|-------|
| 0° | 17412 | 17412 | 17412 | 17412 | 17412 |
| 5° | 21593 | 19242 | 15715 | 13744 | 13554 |
| 10° | 21248 | 16491 | 12119 | 10720 | 10930 |
| 15° | 17616 | 11750 | 8701 | 8915 | 9521 |
| 20° | 30589 | 9365 | 6653 | 7698 | 8742 |
| 25° | 68201 | 11231 | 5397 | 7126 | 8209 |
| 30° | 203937 | 13781 | 4733 | 7000 | 8591 |
| 35° | 785076 | 15516 | 4289 | 7169 | 9083 |
| 40° | 1822262 | 13534 | 4092 | 7397 | 9712 |
| 45° | 2468184 | 10230 | 3605 | 8013 | 10522 |
| 50° | 1935265 | 6082 | 3644 | 8520 | 11575 |
| 55° | 928887 | 2732 | 3423 | 9218 | 12611 |
| 60° | 84871 | 379 | 3134 | 9782 | 14088 |
| 65° | 9251 | 0 | 2771 | 10188 | 15282 |
| 70° | 2266 | 0 | 3424 | 10877 | 16567 |
| 75° | 2262 | 732 | 4525 | 12111 | 18898 |
| 80° | 2281 | 2281 | 5653 | 12397 | 20233 |
| 85° | 2174 | 2174 | 8892 | 11263 | 22527 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2468184 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.6 | 0.8 |
| 10°-20° | 18.0 | 1.6 |
| 20°-30° | 43.0 | 3.8 |
| 30°-40° | 235.6 | 20.7 |
| 40°-50° | 570.5 | 50.1 |
| 50°-60° | 227.6 | 20.0 |
| 60°-70° | 19.7 | 1.7 |
| 70°-80° | 11.1 | 1.0 |
| 80°-90° | 4.9 | 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° | 69.6 | 6.1 |
| 0°-40° | 305.2 | 26.8 |
| 0°-60° | 1103.3 | 96.9 |
| 0°-90° | 1139.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1139.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0° | 101 | 101 | 101 | 101 | 101 | |
| 5° | 125 | 111 | 91 | 80 | 78 | 12 |
| 15° | 99 | 66 | 49 | 50 | 53 | 34 |
| 25° | 359 | 59 | 28 | 38 | 43 | 216 |
| 35° | 3734 | 74 | 20 | 34 | 43 | 2639 |
| 45° | 10134 | 42 | 15 | 33 | 43 | 7149 |
| 55° | 3094 | 9 | 11 | 31 | 42 | 2882 |
| 65° | 23 | 0 | 7 | 25 | 38 | 58 |
| 75° | 3 | 1 | 7 | 18 | 28 | 3 |
| 85° | 1 | 1 | 4 | 6 | 11 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1307260
 CATALOG NUMBER: LDSQA3D17R159024DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 |
| 2.5° | 113.6 | 113.6 | 114.7 | 113.6 | 113.6 | 113.6 | 113.6 | 112.4 | 112.4 | 112.4 | 109.0 |
| 5° | 124.9 | 124.9 | 124.9 | 124.9 | 123.8 | 123.8 | 123.8 | 122.7 | 122.7 | 121.5 | 111.3 |
| 7.5° | 129.5 | 129.5 | 128.3 | 128.3 | 127.2 | 127.2 | 126.1 | 124.9 | 123.8 | 122.7 | 106.8 |
| 10° | 121.5 | 121.5 | 121.5 | 120.4 | 120.4 | 119.2 | 118.1 | 117.0 | 115.8 | 113.6 | 94.3 |
| 12.5° | 107.9 | 107.9 | 109.0 | 107.9 | 106.8 | 105.6 | 103.3 | 102.2 | 101.1 | 98.8 | 78.4 |
| 15° | 98.8 | 98.8 | 98.8 | 97.7 | 96.5 | 94.3 | 93.1 | 90.9 | 89.7 | 86.3 | 65.9 |
| 17.5° | 126.1 | 126.1 | 124.9 | 122.7 | 118.1 | 114.7 | 109.0 | 104.5 | 98.8 | 92.0 | 56.8 |
| 20° | 166.9 | 166.9 | 164.7 | 162.4 | 156.7 | 151.0 | 142.0 | 134.0 | 124.9 | 117.0 | 51.1 |
| 22.5° | 241.9 | 245.3 | 238.5 | 230.5 | 222.6 | 209.0 | 196.5 | 184.0 | 168.1 | 154.5 | 52.2 |
| 25° | 358.9 | 362.3 | 358.9 | 340.7 | 325.9 | 307.8 | 283.9 | 258.9 | 231.7 | 206.7 | 59.1 |
| 27.5° | 581.5 | 583.7 | 578.1 | 533.8 | 509.9 | 462.2 | 420.2 | 379.3 | 333.9 | 288.5 | 64.7 |
| 30° | 1025.5 | 1026.7 | 990.3 | 901.7 | 823.4 | 718.9 | 630.3 | 545.1 | 473.6 | 400.9 | 69.3 |
| 31° | 1350.3 | 1318.5 | 1241.3 | 1134.6 | 1009.6 | 868.8 | 747.3 | 637.1 | 530.4 | 452.0 | 70.4 |
| 32° | 1714.9 | 1710.3 | 1582.0 | 1396.9 | 1230.0 | 1053.9 | 871.1 | 730.2 | 607.6 | 500.8 | 71.5 |
| 33° | 2197.6 | 2199.8 | 1997.7 | 1779.6 | 1505.9 | 1269.7 | 1030.1 | 837.0 | 689.4 | 558.8 | 73.8 |
| 34° | 2951.7 | 2774.5 | 2537.1 | 2241.9 | 1869.3 | 1513.9 | 1202.7 | 960.8 | 763.2 | 614.4 | 73.8 |
| 35° | 3734.1 | 3555.8 | 3294.6 | 2847.2 | 2336.1 | 1838.7 | 1408.3 | 1093.7 | 851.8 | 674.6 | 73.8 |
| 36° | 4610.9 | 4459.9 | 4064.6 | 3493.4 | 2841.5 | 2145.3 | 1626.3 | 1247.0 | 939.2 | 729.1 | 72.7 |
| 37° | 5558.1 | 5336.6 | 4898.2 | 4274.7 | 3402.5 | 2576.9 | 1892.1 | 1399.2 | 1026.7 | 788.2 | 70.4 |
| 38° | 6520.0 | 6320.1 | 5767.0 | 5011.8 | 4072.6 | 3032.3 | 2157.8 | 1545.7 | 1107.3 | 832.5 | 67.0 |
| 39° | 7249.1 | 7140.1 | 6591.5 | 5747.7 | 4607.5 | 3463.9 | 2431.5 | 1702.4 | 1192.5 | 876.8 | 63.6 |
| 40° | 8105.4 | 7929.4 | 7409.2 | 6365.5 | 5240.1 | 3903.4 | 2699.5 | 1841.0 | 1262.9 | 912.0 | 60.2 |
| 41° | 8886.8 | 8664.2 | 8007.8 | 6999.3 | 5746.6 | 4298.6 | 2953.9 | 1984.1 | 1319.7 | 932.4 | 57.9 |
| 42° | 9556.8 | 9297.9 | 8611.9 | 7542.1 | 6170.2 | 4614.3 | 3157.2 | 2086.3 | 1373.0 | 949.4 | 54.5 |
| 43° | 9990.7 | 9766.9 | 9092.3 | 7949.8 | 6532.5 | 4903.9 | 3346.9 | 2193.0 | 1406.0 | 960.8 | 50.0 |
| 44° | 10201.9 | 9975.9 | 9322.9 | 8205.4 | 6755.1 | 5077.7 | 3469.5 | 2266.8 | 1442.3 | 975.6 | 46.6 |
| 45° | 10133.8 | 9904.4 | 9272.9 | 8209.9 | 6824.4 | 5140.1 | 3521.8 | 2299.8 | 1461.6 | 989.2 | 42.0 |
| 46° | 9821.4 | 9660.2 | 9024.2 | 7996.4 | 6692.6 | 5073.1 | 3492.2 | 2274.8 | 1454.8 | 989.2 | 37.5 |
| 47° | 9383.1 | 9199.1 | 8593.8 | 7629.6 | 6373.5 | 4900.5 | 3373.0 | 2198.7 | 1412.8 | 966.5 | 32.9 |
| 48° | 8785.7 | 8629.0 | 7993.0 | 7047.0 | 5884.0 | 4524.6 | 3103.8 | 2074.9 | 1346.9 | 922.2 | 28.4 |
| 49° | 8036.1 | 7818.1 | 7226.4 | 6301.9 | 5245.8 | 3990.8 | 2750.6 | 1865.9 | 1241.3 | 859.7 | 25.0 |
| 50° | 7223.0 | 6953.8 | 6497.3 | 5555.8 | 4585.9 | 3421.8 | 2286.1 | 1577.5 | 1092.5 | 777.9 | 22.7 |
| 51° | 6426.9 | 6153.2 | 5718.2 | 4917.5 | 3881.8 | 2839.2 | 1844.4 | 1259.5 | 899.5 | 665.5 | 19.3 |
| 52° | 5601.2 | 5371.8 | 4884.6 | 4255.4 | 3323.0 | 2300.9 | 1536.6 | 1065.3 | 747.3 | 558.8 | 15.9 |
| 53° | 4779.0 | 4622.3 | 4158.9 | 3521.8 | 2670.0 | 1879.6 | 1254.9 | 912.0 | 651.9 | 478.1 | 12.5 |
| 54° | 3955.6 | 3784.1 | 3432.1 | 2864.2 | 2152.1 | 1483.2 | 1064.1 | 763.2 | 565.6 | 416.8 | 11.4 |
| 55° | 3093.6 | 3005.0 | 2680.2 | 2183.9 | 1630.9 | 1183.4 | 863.1 | 656.4 | 473.6 | 348.7 | 9.1 |
| 56° | 2382.7 | 2282.7 | 1986.3 | 1584.3 | 1211.8 | 926.7 | 698.4 | 536.0 | 400.9 | 291.9 | 6.8 |
| 57° | 1560.4 | 1458.2 | 1261.8 | 1106.2 | 882.4 | 675.7 | 533.8 | 422.5 | 325.9 | 241.9 | 5.7 |
| 58° | 922.2 | 829.1 | 798.4 | 681.4 | 588.3 | 458.8 | 394.1 | 314.6 | 240.8 | 190.8 | 3.4 |
| 59° | 423.6 | 430.4 | 382.7 | 358.9 | 325.9 | 291.9 | 239.6 | 210.1 | 164.7 | 137.4 | 2.3 |
| 60° | 246.4 | 232.8 | 227.1 | 203.3 | 180.6 | 160.1 | 144.2 | 127.2 | 103.3 | 88.6 | 1.1 |
| 62.5° | 84.0 | 80.6 | 82.9 | 75.0 | 70.4 | 68.1 | 62.5 | 53.4 | 44.3 | 36.3 | 0.0 |
| 65° | 22.7 | 22.7 | 21.6 | 20.4 | 19.3 | 18.2 | 17.0 | 14.8 | 13.6 | 11.4 | 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° | 7.9 | 7.9 | 6.8 | 6.8 | 5.7 | 5.7 | 4.5 | 4.5 | 3.4 | 3.4 | 0.0 |
| 70° | 4.5 | 4.5 | 4.5 | 3.4 | 3.4 | 3.4 | 2.3 | 2.3 | 2.3 | 1.1 | 0.0 |
| 72.5° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 2.3 | 2.3 | 2.3 | 1.1 | 1.1 |
| 75° | 3.4 | 3.4 | 3.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 1.1 |
| 77.5° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 80° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 1.1 | 2.3 |
| 82.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 |
| 85° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 |
| 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: P1307260

CATALOG NUMBER: LDSQA3D17R159024DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-------|--------|-------|--------|-------|
| 0° | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 |
| 2.5° | 104.5 | 99.9 | 94.3 | 90.9 | 89.7 | 88.6 |
| 5° | 99.9 | 90.9 | 84.0 | 79.5 | 78.4 | 78.4 |
| 7.5° | 89.7 | 79.5 | 72.7 | 70.4 | 69.3 | 69.3 |
| 10° | 78.4 | 69.3 | 63.6 | 61.3 | 62.5 | 62.5 |
| 12.5° | 65.9 | 57.9 | 55.6 | 55.6 | 56.8 | 57.9 |
| 15° | 53.4 | 48.8 | 48.8 | 50.0 | 52.2 | 53.4 |
| 17.5° | 44.3 | 42.0 | 43.2 | 45.4 | 47.7 | 50.0 |
| 20° | 36.3 | 36.3 | 38.6 | 42.0 | 45.4 | 47.7 |
| 22.5° | 30.7 | 31.8 | 35.2 | 38.6 | 43.2 | 45.4 |
| 25° | 26.1 | 28.4 | 31.8 | 37.5 | 42.0 | 43.2 |
| 27.5° | 22.7 | 26.1 | 30.7 | 36.3 | 40.9 | 43.2 |
| 30° | 19.3 | 23.8 | 29.5 | 35.2 | 40.9 | 43.2 |
| 31° | 18.2 | 22.7 | 28.4 | 35.2 | 40.9 | 43.2 |
| 32° | 17.0 | 22.7 | 28.4 | 35.2 | 40.9 | 43.2 |
| 33° | 15.9 | 21.6 | 28.4 | 34.1 | 40.9 | 43.2 |
| 34° | 14.8 | 21.6 | 28.4 | 35.2 | 40.9 | 43.2 |
| 35° | 13.6 | 20.4 | 27.3 | 34.1 | 39.7 | 43.2 |
| 36° | 12.5 | 20.4 | 27.3 | 34.1 | 40.9 | 43.2 |
| 37° | 11.4 | 20.4 | 27.3 | 34.1 | 39.7 | 43.2 |
| 38° | 11.4 | 19.3 | 26.1 | 34.1 | 39.7 | 43.2 |
| 39° | 10.2 | 18.2 | 26.1 | 34.1 | 39.7 | 43.2 |
| 40° | 9.1 | 18.2 | 25.0 | 32.9 | 39.7 | 43.2 |
| 41° | 7.9 | 17.0 | 25.0 | 32.9 | 39.7 | 43.2 |
| 42° | 6.8 | 17.0 | 25.0 | 32.9 | 39.7 | 43.2 |
| 43° | 5.7 | 15.9 | 23.8 | 32.9 | 39.7 | 43.2 |
| 44° | 5.7 | 15.9 | 23.8 | 32.9 | 39.7 | 43.2 |
| 45° | 4.5 | 14.8 | 22.7 | 32.9 | 39.7 | 43.2 |
| 46° | 4.5 | 14.8 | 22.7 | 31.8 | 39.7 | 43.2 |
| 47° | 3.4 | 14.8 | 22.7 | 31.8 | 39.7 | 43.2 |
| 48° | 3.4 | 13.6 | 22.7 | 31.8 | 39.7 | 43.2 |
| 49° | 2.3 | 13.6 | 22.7 | 31.8 | 39.7 | 43.2 |
| 50° | 2.3 | 13.6 | 21.6 | 31.8 | 39.7 | 43.2 |
| 51° | 2.3 | 13.6 | 21.6 | 31.8 | 39.7 | 43.2 |
| 52° | 2.3 | 12.5 | 21.6 | 31.8 | 39.7 | 43.2 |
| 53° | 2.3 | 12.5 | 21.6 | 31.8 | 39.7 | 43.2 |
| 54° | 2.3 | 12.5 | 20.4 | 31.8 | 39.7 | 43.2 |
| 55° | 2.3 | 11.4 | 20.4 | 30.7 | 39.7 | 42.0 |
| 56° | 2.3 | 11.4 | 20.4 | 30.7 | 39.7 | 42.0 |
| 57° | 2.3 | 11.4 | 19.3 | 30.7 | 39.7 | 42.0 |
| 58° | 2.3 | 10.2 | 19.3 | 29.5 | 38.6 | 42.0 |
| 59° | 2.3 | 10.2 | 18.2 | 29.5 | 38.6 | 40.9 |
| 60° | 2.3 | 9.1 | 18.2 | 28.4 | 37.5 | 40.9 |
| 62.5° | 2.3 | 7.9 | 15.9 | 27.3 | 36.3 | 38.6 |
| 65° | 2.3 | 6.8 | 14.8 | 25.0 | 35.2 | 37.5 |



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CATALOG NUMBER: LDSQA3D17R159024DE010 3LSQCA45R 1MB

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 67.5° | 2.3 | 6.8 | 13.6 | 23.8 | 32.9 | 36.3 |
| 70° | 2.3 | 6.8 | 12.5 | 21.6 | 31.8 | 32.9 |
| 72.5° | 3.4 | 6.8 | 11.4 | 20.4 | 29.5 | 30.7 |
| 75° | 4.5 | 6.8 | 10.2 | 18.2 | 27.3 | 28.4 |
| 77.5° | 4.5 | 6.8 | 9.1 | 15.9 | 23.8 | 25.0 |
| 80° | 4.5 | 5.7 | 7.9 | 12.5 | 19.3 | 20.4 |
| 82.5° | 4.5 | 5.7 | 5.7 | 10.2 | 14.8 | 15.9 |
| 85° | 3.4 | 4.5 | 4.5 | 5.7 | 10.2 | 11.4 |
| 87.5° | 3.4 | 4.5 | 2.3 | 3.4 | 4.5 | 4.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)