

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: P1316858

Luminaire Tested: LDSQA3D20R209740D010 3LSQCA30R 1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316858
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-60)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D20R209740D010 3LSQCA30R 1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , 3LSQCA30R 1MW TRIM
Light Source: -
Ballast/Driver: -

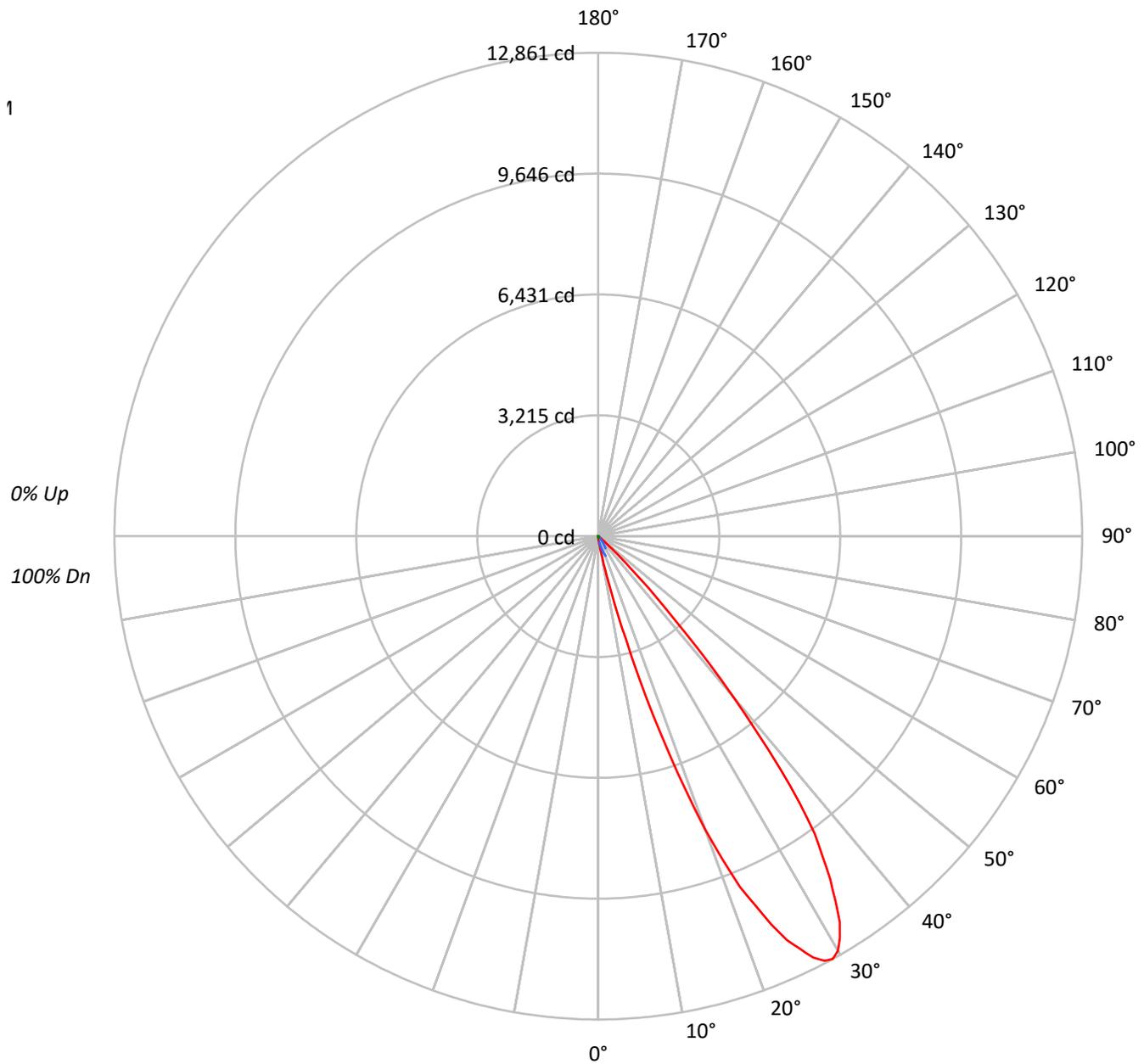
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1803.9 lumens
Efficiency: N/A
Efficacy: 62.6 lumens/watt
Spacing Criteria (0/90/45): 2.29 / 0.53 / 1.19
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1316858
CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

Luminous Intensity Polar Plot



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



TEST NUMBER: P1316858

CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

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 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 96 | 95 | 93 | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 89 | 87 | 85 | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 83 | 80 | 77 | 75 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 72 | 81 | 76 | 71 | 79 | 74 | 71 | 77 | 73 | 70 | 77 | 73 | 70 | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 69 | 64 | 72 | 68 | 64 | 71 | 67 | 63 | 71 | 67 | 63 | 61 |
| 6 | 81 | 71 | 64 | 59 | 80 | 70 | 63 | 58 | 68 | 62 | 58 | 67 | 62 | 58 | 65 | 61 | 57 | 65 | 61 | 57 | 55 |
| 7 | 76 | 65 | 58 | 53 | 74 | 64 | 57 | 53 | 63 | 57 | 52 | 62 | 56 | 52 | 60 | 55 | 52 | 60 | 55 | 52 | 50 |
| 8 | 71 | 60 | 53 | 48 | 70 | 59 | 52 | 48 | 58 | 52 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 56 | 51 | 47 | 45 |
| 9 | 66 | 55 | 48 | 43 | 65 | 54 | 48 | 43 | 53 | 47 | 43 | 52 | 47 | 43 | 51 | 46 | 43 | 51 | 46 | 43 | 41 |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 48 | 42 | 39 | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|--------|-------|-------|-------|
| 0° | 10712 | 10712 | 10712 | 10712 | 10712 |
| 5° | 24618 | 18394 | 10183 | 6224 | 5377 |
| 10° | 77559 | 32055 | 8307 | 3428 | 2571 |
| 15° | 502497 | 59231 | 6133 | 1159 | 285 |
| 20° | 1516586 | 101388 | 4197 | 0 | 0 |
| 25° | 2252329 | 102329 | 2489 | 0 | 0 |
| 30° | 2532851 | 77796 | 974 | 0 | 0 |
| 35° | 2185371 | 46443 | 694 | 0 | 0 |
| 40° | 1258411 | 15827 | 0 | 0 | 0 |
| 45° | 306934 | 6381 | 390 | 0 | 390 |
| 50° | 36840 | 1742 | 429 | 429 | 1313 |
| 55° | 4924 | 0 | 991 | 991 | 1952 |
| 60° | 551 | 0 | 1688 | 1688 | 2824 |
| 65° | 652 | 652 | 2649 | 2649 | 3994 |
| 70° | 806 | 806 | 3273 | 3273 | 4129 |
| 75° | 0 | 1065 | 4325 | 3261 | 4325 |
| 80° | 0 | 1587 | 4860 | 3273 | 4860 |
| 85° | 0 | 3162 | 9683 | 3162 | 3162 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2.5°
 Vertical Angle: 45°
 Luminance: 308931 cd/sqm



TEST NUMBER: P1316858

CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 8.3 | 0.5 |
| 10°-20° | 167.2 | 9.3 |
| 20°-30° | 728.7 | 40.4 |
| 30°-40° | 733.8 | 40.7 |
| 40°-50° | 147.2 | 8.2 |
| 50°-60° | 7.4 | 0.4 |
| 60°-70° | 4.8 | 0.3 |
| 70°-80° | 4.3 | 0.2 |
| 80°-90° | 2.2 | 0.1 |
| 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° | 904.2 | 50.1 |
| 0°-40° | 1638.1 | 90.8 |
| 0°-60° | 1792.6 | 99.4 |
| 0°-90° | 1803.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1803.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0° | 62 | 62 | 62 | 62 | 62 | |
| 5° | 142 | 106 | 59 | 36 | 31 | 22 |
| 15° | 2818 | 332 | 34 | 6 | 2 | 1104 |
| 25° | 11853 | 538 | 13 | 0 | 0 | 5344 |
| 35° | 10394 | 221 | 3 | 0 | 0 | 6185 |
| 45° | 1260 | 26 | 2 | 0 | 2 | 1372 |
| 55° | 16 | 0 | 3 | 3 | 6 | 30 |
| 65° | 2 | 2 | 6 | 6 | 10 | 2 |
| 75° | 0 | 2 | 6 | 5 | 6 | 1 |
| 85° | 0 | 2 | 5 | 2 | 2 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1316858
 CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| 0° | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 2.5° | 93.3 | 93.3 | 91.7 | 91.7 | 90.0 | 91.7 | 88.4 | 90.0 | 90.0 | 88.4 | 80.2 |
| 5° | 142.4 | 145.7 | 144.0 | 144.0 | 142.4 | 144.0 | 140.8 | 137.5 | 134.2 | 134.2 | 106.4 |
| 7.5° | 234.0 | 232.4 | 229.1 | 230.8 | 225.9 | 222.6 | 219.3 | 217.7 | 207.9 | 202.9 | 139.1 |
| 10° | 443.5 | 453.4 | 445.2 | 443.5 | 414.1 | 412.4 | 392.8 | 365.0 | 340.4 | 327.3 | 183.3 |
| 12.5° | 1220.9 | 1273.3 | 1191.5 | 1152.2 | 1129.3 | 1040.9 | 1003.3 | 906.7 | 813.4 | 743.0 | 232.4 |
| 15° | 2818.3 | 2947.6 | 2782.3 | 2793.8 | 2656.3 | 2404.2 | 2183.3 | 1993.4 | 1769.2 | 1543.4 | 332.2 |
| 17.5° | 5522.1 | 5417.3 | 5327.3 | 5175.1 | 4895.2 | 4525.4 | 4049.1 | 3566.3 | 3148.9 | 2711.9 | 463.2 |
| 20° | 8274.9 | 8181.6 | 7977.1 | 7644.8 | 7288.0 | 6739.7 | 6173.5 | 5448.4 | 4746.3 | 4088.4 | 553.2 |
| 21° | 9222.6 | 9191.5 | 8855.9 | 8651.4 | 8101.4 | 7577.7 | 6924.7 | 6148.9 | 5358.4 | 4579.4 | 567.9 |
| 22° | 10068.7 | 9882.1 | 9702.1 | 9399.3 | 8852.7 | 8283.1 | 7556.4 | 6739.7 | 5882.1 | 5016.3 | 569.6 |
| 23° | 10654.6 | 10569.5 | 10399.3 | 10057.2 | 9513.9 | 8844.5 | 8078.5 | 7224.2 | 6320.8 | 5325.7 | 564.6 |
| 24° | 11302.7 | 11194.7 | 10946.0 | 10546.6 | 9998.3 | 9337.1 | 8463.1 | 7615.4 | 6633.4 | 5585.9 | 551.6 |
| 25° | 11852.7 | 11684.1 | 11389.5 | 10959.0 | 10360.0 | 9677.5 | 8798.7 | 7867.4 | 6851.0 | 5761.0 | 538.5 |
| 26° | 12209.5 | 12117.8 | 11739.7 | 11271.6 | 10630.1 | 9926.3 | 9029.4 | 8060.5 | 6991.8 | 5841.2 | 517.2 |
| 27° | 12581.0 | 12412.4 | 12040.9 | 11502.4 | 10806.8 | 10088.3 | 9160.4 | 8153.8 | 7040.9 | 5844.5 | 491.0 |
| 28° | 12793.7 | 12610.4 | 12189.8 | 11623.5 | 10921.4 | 10178.4 | 9235.6 | 8183.3 | 7031.1 | 5793.8 | 459.9 |
| 29° | 12860.8 | 12630.1 | 12219.3 | 11643.2 | 10949.2 | 10184.9 | 9224.2 | 8140.7 | 6944.3 | 5669.4 | 423.9 |
| 30° | 12736.5 | 12500.8 | 12111.3 | 11549.9 | 10860.8 | 10103.1 | 9117.8 | 8000.0 | 6790.5 | 5491.0 | 391.2 |
| 31° | 12464.8 | 12265.1 | 11888.7 | 11325.7 | 10664.4 | 9911.6 | 8877.2 | 7769.2 | 6528.6 | 5252.0 | 353.5 |
| 32° | 12106.3 | 11909.9 | 11540.1 | 11031.1 | 10358.4 | 9599.0 | 8548.3 | 7409.1 | 6220.9 | 4895.2 | 315.9 |
| 33° | 11567.9 | 11455.0 | 11122.7 | 10636.6 | 9964.0 | 9152.2 | 8106.4 | 6978.7 | 5782.3 | 4499.2 | 283.1 |
| 34° | 11022.9 | 10880.5 | 10648.1 | 10116.2 | 9392.8 | 8582.6 | 7530.3 | 6384.6 | 5247.1 | 4055.6 | 252.0 |
| 35° | 10394.4 | 10309.3 | 9944.3 | 9518.8 | 8792.1 | 7964.0 | 6918.1 | 5806.9 | 4623.6 | 3561.4 | 220.9 |
| 36° | 9785.6 | 9654.6 | 9238.9 | 8788.8 | 8083.4 | 7188.2 | 6155.5 | 5111.3 | 4085.1 | 3098.2 | 188.2 |
| 37° | 8901.8 | 8702.1 | 8405.9 | 7931.2 | 7106.4 | 6343.7 | 5401.0 | 4432.1 | 3422.2 | 2597.4 | 152.2 |
| 38° | 7862.5 | 7769.2 | 7358.4 | 6880.5 | 6198.0 | 5474.6 | 4541.7 | 3720.1 | 2823.2 | 2168.6 | 116.2 |
| 39° | 6636.6 | 6635.0 | 6242.2 | 5896.9 | 5229.1 | 4577.7 | 3736.5 | 3019.6 | 2330.6 | 1746.3 | 90.0 |
| 40° | 5597.4 | 5404.2 | 5162.0 | 4728.3 | 4216.0 | 3662.8 | 2926.3 | 2363.3 | 1808.5 | 1407.5 | 70.4 |
| 42.5° | 2934.5 | 2918.2 | 2775.8 | 2450.1 | 2163.7 | 1838.0 | 1461.5 | 1217.7 | 952.5 | 775.8 | 44.2 |
| 45° | 1260.2 | 1268.4 | 1170.2 | 1121.1 | 1009.8 | 874.0 | 738.1 | 615.4 | 527.0 | 427.2 | 26.2 |
| 47.5° | 319.1 | 306.1 | 302.8 | 314.2 | 314.2 | 304.4 | 273.3 | 257.0 | 237.3 | 217.7 | 14.7 |
| 50° | 137.5 | 134.2 | 130.9 | 130.9 | 122.7 | 117.8 | 109.7 | 99.8 | 91.7 | 81.8 | 6.5 |
| 52.5° | 50.7 | 52.4 | 54.0 | 52.4 | 52.4 | 50.7 | 50.7 | 49.1 | 44.2 | 39.3 | 3.3 |
| 55° | 16.4 | 16.4 | 16.4 | 18.0 | 18.0 | 19.6 | 19.6 | 19.6 | 19.6 | 18.0 | 0.0 |
| 57.5° | 3.3 | 3.3 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 6.5 | 6.5 | 0.0 |
| 60° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 65° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 67.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 70° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 72.5° | 1.6 | 0.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 75° | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 1.6 | 1.6 | 0.0 | 1.6 | 1.6 | 1.6 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 1.6 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |



TEST NUMBER: P1316858
CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 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: P1316858

CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 0° | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 2.5° | 72.0 | 63.8 | 54.0 | 45.8 | 44.2 | 42.6 |
| 5° | 80.2 | 58.9 | 44.2 | 36.0 | 32.7 | 31.1 |
| 7.5° | 86.7 | 54.0 | 36.0 | 26.2 | 22.9 | 21.3 |
| 10° | 90.0 | 47.5 | 29.5 | 19.6 | 14.7 | 14.7 |
| 12.5° | 91.7 | 40.9 | 21.3 | 13.1 | 8.2 | 8.2 |
| 15° | 90.0 | 34.4 | 16.4 | 6.5 | 1.6 | 1.6 |
| 17.5° | 81.8 | 27.8 | 9.8 | 1.6 | 0.0 | 0.0 |
| 20° | 70.4 | 22.9 | 6.5 | 0.0 | 0.0 | 0.0 |
| 21° | 67.1 | 19.6 | 4.9 | 0.0 | 0.0 | 0.0 |
| 22° | 62.2 | 18.0 | 3.3 | 0.0 | 0.0 | 0.0 |
| 23° | 57.3 | 16.4 | 3.3 | 0.0 | 0.0 | 0.0 |
| 24° | 52.4 | 14.7 | 1.6 | 0.0 | 0.0 | 0.0 |
| 25° | 49.1 | 13.1 | 1.6 | 0.0 | 0.0 | 0.0 |
| 26° | 45.8 | 11.5 | 1.6 | 0.0 | 0.0 | 0.0 |
| 27° | 40.9 | 9.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 37.6 | 8.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 32.7 | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 27.8 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 22.9 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 19.6 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 16.4 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 14.7 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 13.1 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 9.8 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 8.2 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 6.5 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 1.6 | 0.0 | 0.0 | 1.6 | 1.6 |
| 47.5° | 0.0 | 1.6 | 0.0 | 0.0 | 1.6 | 3.3 |
| 50° | 0.0 | 1.6 | 1.6 | 1.6 | 3.3 | 4.9 |
| 52.5° | 0.0 | 3.3 | 1.6 | 1.6 | 4.9 | 4.9 |
| 55° | 1.6 | 3.3 | 1.6 | 3.3 | 6.5 | 6.5 |
| 57.5° | 1.6 | 3.3 | 3.3 | 4.9 | 6.5 | 8.2 |
| 60° | 3.3 | 4.9 | 4.9 | 4.9 | 8.2 | 8.2 |
| 62.5° | 3.3 | 4.9 | 6.5 | 6.5 | 8.2 | 9.8 |
| 65° | 3.3 | 6.5 | 6.5 | 6.5 | 8.2 | 9.8 |
| 67.5° | 4.9 | 6.5 | 6.5 | 6.5 | 8.2 | 9.8 |
| 70° | 4.9 | 6.5 | 6.5 | 6.5 | 8.2 | 8.2 |
| 72.5° | 4.9 | 6.5 | 4.9 | 6.5 | 6.5 | 8.2 |
| 75° | 4.9 | 6.5 | 4.9 | 4.9 | 6.5 | 6.5 |
| 77.5° | 3.3 | 4.9 | 4.9 | 3.3 | 4.9 | 4.9 |
| 80° | 3.3 | 4.9 | 3.3 | 3.3 | 4.9 | 4.9 |



TEST NUMBER: P1316858
CATALOG NUMBER: LDSQA3D20R209740D010 3LSQCA30R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|--------|------|--------|------|
| 82.5° | 3.3 | 4.9 | 3.3 | 1.6 | 3.3 | 3.3 |
| 85° | 3.3 | 4.9 | 3.3 | 1.6 | 1.6 | 1.6 |
| 87.5° | 3.3 | 4.9 | 3.3 | 1.6 | 0.0 | 1.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)