

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: P1308542

Luminaire Tested: LDSQA3D24R209027D010 3LSQCA45R 1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308542
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-74)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R209027D010 3LSQCA45R 1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , 3LSQCA45R 1MW TRIM
Light Source: -
Ballast/Driver: -

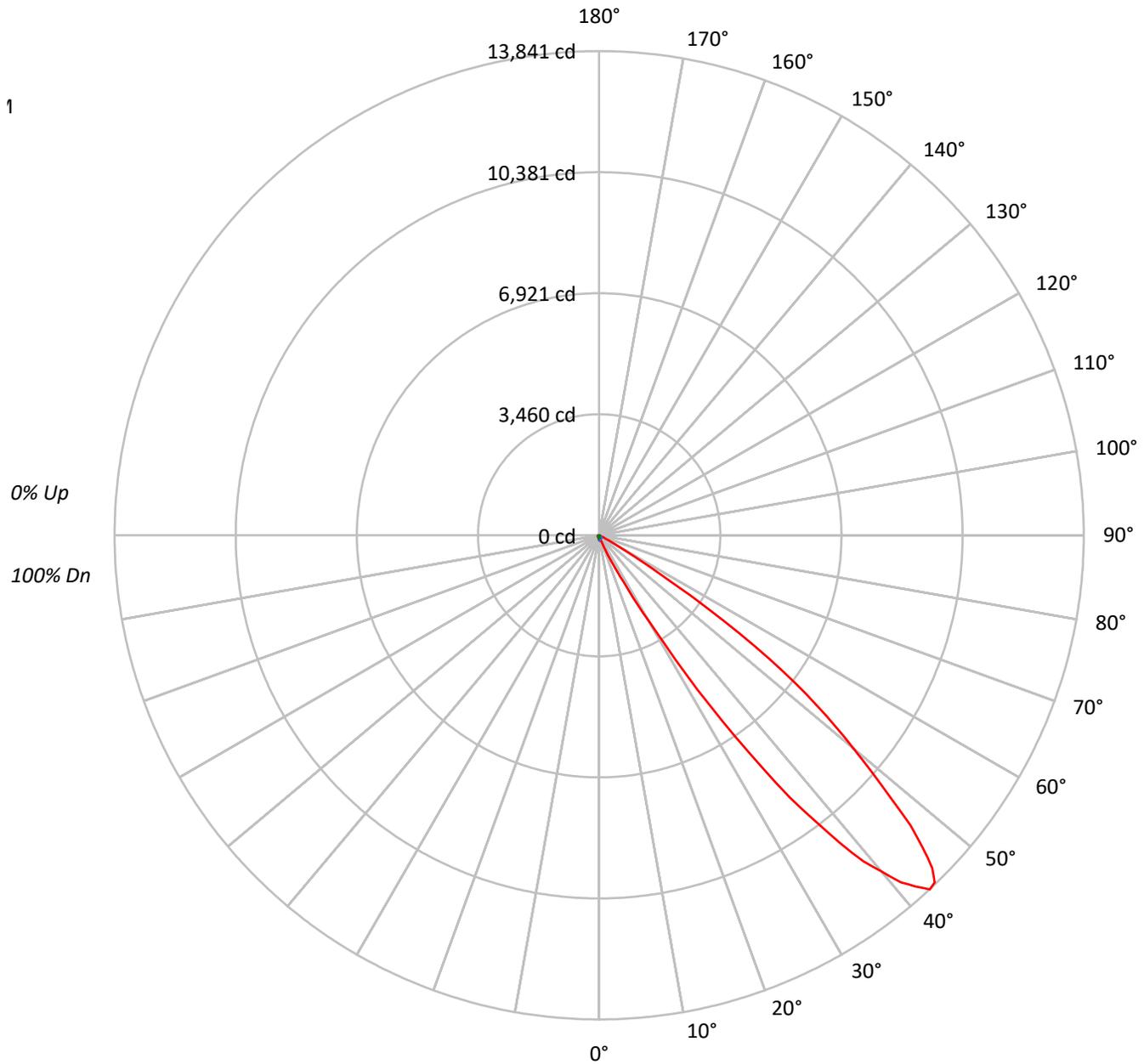
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1923.0 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 3.39 / 0.51 / 1.13
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 (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: P1308542
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Luminous Intensity Polar Plot



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



TEST NUMBER: P1308542

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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 | 108 | 104 | 101 | 97 | 100 | 97 | 94 | 96 | 94 | 92 | 92 | 91 | 89 | 89 | 89 | 89 | 87 |
| 2 | 101 | 93 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 83 | 79 | 85 | 81 | 77 | 82 | 78 | 75 | 75 | 75 | 75 | 73 |
| 3 | 92 | 81 | 74 | 67 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 67 | 63 | 63 | 63 | 63 | 61 |
| 4 | 83 | 71 | 62 | 56 | 81 | 70 | 62 | 55 | 67 | 60 | 55 | 65 | 59 | 54 | 63 | 58 | 53 | 53 | 53 | 53 | 51 |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 53 | 46 | 59 | 51 | 46 | 57 | 50 | 45 | 55 | 49 | 45 | 45 | 45 | 45 | 42 |
| 6 | 68 | 55 | 45 | 39 | 66 | 54 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 37 | 37 | 37 | 35 |
| 7 | 62 | 48 | 39 | 32 | 60 | 47 | 38 | 32 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 31 | 31 | 31 | 31 | 29 |
| 8 | 57 | 42 | 33 | 27 | 55 | 42 | 33 | 27 | 40 | 33 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | 27 | 27 | 27 | 25 |
| 9 | 52 | 38 | 29 | 23 | 51 | 37 | 29 | 23 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 27 | 23 | 23 | 23 | 23 | 21 |
| 10 | 48 | 34 | 25 | 20 | 47 | 33 | 25 | 20 | 32 | 25 | 19 | 31 | 24 | 19 | 30 | 24 | 19 | 19 | 19 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|-------|-------|-------|
| 0° | 23026 | 23026 | 23026 | 23026 | 23026 |
| 5° | 26866 | 24999 | 21558 | 18740 | 18118 |
| 10° | 26547 | 22752 | 17068 | 14532 | 14218 |
| 15° | 23197 | 17402 | 12570 | 11607 | 12249 |
| 20° | 34437 | 14570 | 9274 | 9934 | 10923 |
| 25° | 148354 | 15107 | 7221 | 8931 | 10641 |
| 30° | 561000 | 18335 | 6105 | 8631 | 10421 |
| 35° | 1700651 | 22034 | 5698 | 8746 | 11017 |
| 40° | 2820061 | 21942 | 4879 | 9353 | 11781 |
| 45° | 3277825 | 14955 | 4408 | 9694 | 12763 |
| 50° | 2544459 | 8225 | 4367 | 10181 | 14522 |
| 55° | 1472690 | 5435 | 4354 | 11410 | 15734 |
| 60° | 248999 | 1240 | 3720 | 11814 | 17429 |
| 65° | 19153 | 0 | 4401 | 13244 | 19887 |
| 70° | 2719 | 0 | 5438 | 14552 | 22760 |
| 75° | 2396 | 1198 | 5989 | 16835 | 26484 |
| 80° | 1785 | 1785 | 8926 | 17951 | 30448 |
| 85° | 3557 | 3557 | 14227 | 17784 | 32209 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3277825 cd/sqm



TEST NUMBER: P1308542

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 11.5 | 0.6 |
| 10°-20° | 24.1 | 1.3 |
| 20°-30° | 76.8 | 4.0 |
| 30°-40° | 490.4 | 25.5 |
| 40°-50° | 897.6 | 46.7 |
| 50°-60° | 368.8 | 19.2 |
| 60°-70° | 31.1 | 1.6 |
| 70°-80° | 15.5 | 0.8 |
| 80°-90° | 7.3 | 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° | 112.3 | 5.8 |
| 0°-40° | 602.7 | 31.3 |
| 0°-60° | 1869.1 | 97.2 |
| 0°-90° | 1923.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1923.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-------|-----|-----|------|------|------|
| 0° | 134 | 134 | 134 | 134 | 134 | |
| 5° | 155 | 145 | 125 | 108 | 105 | 15 |
| 15° | 130 | 98 | 70 | 65 | 69 | 41 |
| 25° | 781 | 80 | 38 | 47 | 56 | 513 |
| 35° | 8089 | 105 | 27 | 42 | 52 | 5120 |
| 45° | 13458 | 61 | 18 | 40 | 52 | 9663 |
| 55° | 4905 | 18 | 14 | 38 | 52 | 4287 |
| 65° | 47 | 0 | 11 | 32 | 49 | 153 |
| 75° | 4 | 2 | 9 | 25 | 40 | 4 |
| 85° | 2 | 2 | 7 | 9 | 16 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1308542
 CATALOG NUMBER: LDSQA3D24R209027D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 45° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
| 0° | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 |
| 2.5° | 146.4 | 146.4 | 146.4 | 144.6 | 144.6 | 146.4 | 144.6 | 144.6 | 144.6 | 144.6 | 142.8 |
| 5° | 155.4 | 155.4 | 155.4 | 155.4 | 155.4 | 155.4 | 155.4 | 153.6 | 153.6 | 151.8 | 144.6 |
| 7.5° | 159.0 | 159.0 | 159.0 | 159.0 | 157.2 | 157.2 | 157.2 | 157.2 | 155.4 | 153.6 | 141.0 |
| 10° | 151.8 | 151.8 | 151.8 | 150.0 | 150.0 | 150.0 | 148.2 | 148.2 | 146.4 | 144.6 | 130.1 |
| 12.5° | 137.3 | 137.3 | 137.3 | 137.3 | 135.5 | 135.5 | 133.7 | 133.7 | 131.9 | 130.1 | 113.9 |
| 15° | 130.1 | 130.1 | 130.1 | 128.3 | 128.3 | 126.5 | 124.7 | 122.9 | 121.1 | 117.5 | 97.6 |
| 17.5° | 141.0 | 141.0 | 139.2 | 139.2 | 135.5 | 131.9 | 130.1 | 124.7 | 121.1 | 115.7 | 86.7 |
| 20° | 187.9 | 189.8 | 182.5 | 177.1 | 173.5 | 162.6 | 157.2 | 148.2 | 141.0 | 131.9 | 79.5 |
| 22.5° | 379.5 | 372.3 | 359.6 | 339.7 | 316.3 | 296.4 | 260.2 | 231.3 | 211.4 | 184.3 | 77.7 |
| 25° | 780.7 | 773.5 | 739.1 | 710.2 | 637.9 | 581.9 | 504.2 | 440.9 | 375.9 | 312.6 | 79.5 |
| 27.5° | 1483.7 | 1434.9 | 1425.9 | 1293.9 | 1192.7 | 1048.2 | 898.2 | 771.7 | 656.0 | 527.7 | 84.9 |
| 30° | 2821.0 | 2765.0 | 2568.0 | 2369.2 | 2096.3 | 1787.3 | 1492.7 | 1218.0 | 988.5 | 780.7 | 92.2 |
| 31° | 3580.0 | 3634.2 | 3402.9 | 3003.5 | 2600.5 | 2204.7 | 1801.7 | 1453.0 | 1156.6 | 898.2 | 95.8 |
| 32° | 4705.9 | 4469.1 | 4225.2 | 3814.9 | 3229.4 | 2723.4 | 2217.4 | 1715.0 | 1324.7 | 1024.7 | 99.4 |
| 33° | 5770.3 | 5631.1 | 5258.9 | 4747.4 | 4044.4 | 3334.2 | 2678.2 | 2024.0 | 1530.7 | 1178.3 | 101.2 |
| 34° | 6905.2 | 6751.6 | 6449.8 | 5716.1 | 4944.4 | 4013.7 | 3139.1 | 2380.0 | 1776.4 | 1328.3 | 103.0 |
| 35° | 8088.9 | 8023.8 | 7441.9 | 6805.8 | 5857.0 | 4734.8 | 3693.9 | 2770.4 | 2016.8 | 1465.6 | 104.8 |
| 36° | 9279.8 | 9070.2 | 8614.8 | 7685.9 | 6695.6 | 5401.6 | 4275.8 | 3133.6 | 2260.8 | 1628.3 | 104.8 |
| 37° | 10176.2 | 10129.2 | 9525.6 | 8620.2 | 7456.4 | 6113.7 | 4778.2 | 3536.6 | 2506.5 | 1767.4 | 104.8 |
| 38° | 11164.7 | 10978.5 | 10365.9 | 9444.3 | 8172.0 | 6766.0 | 5304.0 | 3887.2 | 2739.7 | 1893.9 | 103.0 |
| 39° | 11997.8 | 11721.3 | 11103.2 | 10192.4 | 8797.3 | 7261.2 | 5721.5 | 4227.0 | 2945.7 | 1998.7 | 101.2 |
| 40° | 12543.6 | 12352.0 | 11706.8 | 10682.2 | 9364.7 | 7729.3 | 6144.4 | 4507.1 | 3099.3 | 2078.2 | 97.6 |
| 41° | 13145.3 | 12827.3 | 12189.4 | 11159.3 | 9776.8 | 8141.3 | 6410.0 | 4691.4 | 3218.6 | 2130.7 | 94.0 |
| 42° | 13505.0 | 13244.7 | 12487.5 | 11479.1 | 10071.4 | 8376.2 | 6626.9 | 4832.4 | 3290.9 | 2157.8 | 86.7 |
| 43° | 13841.1 | 13486.9 | 12749.6 | 11665.3 | 10266.5 | 8542.5 | 6726.3 | 4897.4 | 3307.1 | 2157.8 | 77.7 |
| 44° | 13795.9 | 13459.8 | 12695.4 | 11690.6 | 10309.9 | 8591.3 | 6767.8 | 4899.2 | 3281.8 | 2130.7 | 68.7 |
| 45° | 13458.0 | 13123.7 | 12435.1 | 11470.1 | 10154.5 | 8495.5 | 6684.7 | 4826.9 | 3211.3 | 2083.7 | 61.4 |
| 46° | 12838.1 | 12505.6 | 11977.9 | 11101.4 | 9865.3 | 8278.6 | 6491.3 | 4669.7 | 3093.9 | 2007.8 | 54.2 |
| 47° | 12164.1 | 11840.6 | 11300.2 | 10506.9 | 9372.0 | 7891.9 | 6211.2 | 4449.2 | 2929.4 | 1897.5 | 48.8 |
| 48° | 11186.4 | 10984.0 | 10441.8 | 9764.1 | 8687.1 | 7286.5 | 5719.7 | 4089.6 | 2708.9 | 1754.8 | 41.6 |
| 49° | 10322.5 | 10109.3 | 9634.0 | 8905.7 | 7794.3 | 6581.7 | 5132.4 | 3652.3 | 2421.6 | 1595.7 | 36.1 |
| 50° | 9496.7 | 9310.5 | 8871.4 | 8049.1 | 6988.3 | 5730.5 | 4339.0 | 3101.1 | 2060.2 | 1398.7 | 30.7 |
| 51° | 8688.9 | 8549.7 | 8101.5 | 7346.1 | 6269.1 | 5076.3 | 3758.9 | 2582.4 | 1702.4 | 1160.2 | 28.9 |
| 52° | 7877.4 | 7861.2 | 7375.1 | 6610.6 | 5569.7 | 4423.9 | 3195.1 | 2179.4 | 1443.9 | 974.1 | 27.1 |
| 53° | 7004.6 | 6899.8 | 6475.1 | 5788.4 | 4789.0 | 3744.5 | 2708.9 | 1837.9 | 1243.3 | 829.5 | 23.5 |
| 54° | 6010.6 | 5893.2 | 5437.8 | 4817.9 | 3912.5 | 3066.8 | 2183.1 | 1485.5 | 1035.5 | 701.2 | 21.7 |
| 55° | 4904.7 | 4704.1 | 4373.3 | 3737.2 | 3055.9 | 2340.3 | 1686.1 | 1176.5 | 827.7 | 583.7 | 18.1 |
| 56° | 3721.0 | 3520.4 | 3334.2 | 2866.2 | 2242.7 | 1745.7 | 1256.0 | 901.8 | 647.0 | 460.8 | 16.3 |
| 57° | 2587.9 | 2577.0 | 2271.6 | 1912.0 | 1499.9 | 1189.1 | 860.2 | 636.1 | 457.2 | 357.8 | 12.7 |
| 58° | 1678.9 | 1622.8 | 1427.7 | 1219.8 | 981.3 | 742.7 | 553.0 | 431.9 | 310.8 | 244.0 | 10.8 |
| 59° | 1176.5 | 1064.4 | 959.6 | 813.2 | 618.1 | 468.1 | 356.0 | 276.5 | 215.1 | 169.9 | 7.2 |
| 60° | 722.9 | 699.4 | 628.9 | 495.2 | 401.2 | 330.7 | 265.7 | 204.2 | 157.2 | 121.1 | 3.6 |
| 62.5° | 206.0 | 209.6 | 189.8 | 168.1 | 144.6 | 124.7 | 112.0 | 95.8 | 79.5 | 63.3 | 0.0 |
| 65° | 47.0 | 45.2 | 48.8 | 45.2 | 41.6 | 41.6 | 36.1 | 32.5 | 28.9 | 27.1 | 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° | 14.5 | 14.5 | 12.7 | 12.7 | 12.7 | 10.8 | 10.8 | 9.0 | 9.0 | 7.2 | 0.0 |
| 70° | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 0.0 |
| 72.5° | 5.4 | 5.4 | 5.4 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 |
| 75° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 3.6 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 0.0 | 1.8 | 1.8 | 1.8 | 0.0 | 1.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: LDSQA3D24R209027D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-------|--------|-------|--------|-------|
| 0° | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 |
| 2.5° | 139.2 | 131.9 | 126.5 | 121.1 | 119.3 | 119.3 |
| 5° | 135.5 | 124.7 | 113.9 | 108.4 | 104.8 | 104.8 |
| 7.5° | 124.7 | 112.0 | 101.2 | 95.8 | 94.0 | 94.0 |
| 10° | 112.0 | 97.6 | 86.7 | 83.1 | 83.1 | 81.3 |
| 12.5° | 97.6 | 83.1 | 75.9 | 74.1 | 74.1 | 74.1 |
| 15° | 81.3 | 70.5 | 65.1 | 65.1 | 66.9 | 68.7 |
| 17.5° | 68.7 | 57.8 | 56.0 | 59.6 | 63.3 | 63.3 |
| 20° | 57.8 | 50.6 | 50.6 | 54.2 | 57.8 | 59.6 |
| 22.5° | 48.8 | 43.4 | 45.2 | 50.6 | 56.0 | 57.8 |
| 25° | 43.4 | 38.0 | 41.6 | 47.0 | 52.4 | 56.0 |
| 27.5° | 36.1 | 34.3 | 38.0 | 45.2 | 52.4 | 54.2 |
| 30° | 30.7 | 30.7 | 36.1 | 43.4 | 50.6 | 52.4 |
| 31° | 28.9 | 28.9 | 36.1 | 43.4 | 50.6 | 52.4 |
| 32° | 27.1 | 28.9 | 34.3 | 43.4 | 50.6 | 52.4 |
| 33° | 25.3 | 27.1 | 34.3 | 41.6 | 50.6 | 52.4 |
| 34° | 23.5 | 27.1 | 34.3 | 41.6 | 50.6 | 52.4 |
| 35° | 21.7 | 27.1 | 34.3 | 41.6 | 50.6 | 52.4 |
| 36° | 19.9 | 25.3 | 32.5 | 41.6 | 50.6 | 52.4 |
| 37° | 18.1 | 25.3 | 32.5 | 41.6 | 50.6 | 52.4 |
| 38° | 16.3 | 23.5 | 32.5 | 41.6 | 50.6 | 52.4 |
| 39° | 16.3 | 23.5 | 30.7 | 41.6 | 48.8 | 52.4 |
| 40° | 14.5 | 21.7 | 30.7 | 41.6 | 48.8 | 52.4 |
| 41° | 12.7 | 21.7 | 30.7 | 39.8 | 48.8 | 52.4 |
| 42° | 10.8 | 19.9 | 28.9 | 39.8 | 48.8 | 52.4 |
| 43° | 9.0 | 19.9 | 28.9 | 39.8 | 48.8 | 52.4 |
| 44° | 9.0 | 18.1 | 28.9 | 39.8 | 48.8 | 52.4 |
| 45° | 7.2 | 18.1 | 28.9 | 39.8 | 48.8 | 52.4 |
| 46° | 5.4 | 18.1 | 28.9 | 39.8 | 48.8 | 52.4 |
| 47° | 5.4 | 16.3 | 27.1 | 39.8 | 48.8 | 52.4 |
| 48° | 3.6 | 16.3 | 27.1 | 39.8 | 48.8 | 52.4 |
| 49° | 3.6 | 16.3 | 27.1 | 39.8 | 48.8 | 54.2 |
| 50° | 3.6 | 16.3 | 27.1 | 38.0 | 48.8 | 54.2 |
| 51° | 1.8 | 16.3 | 27.1 | 38.0 | 48.8 | 54.2 |
| 52° | 1.8 | 16.3 | 25.3 | 38.0 | 50.6 | 54.2 |
| 53° | 1.8 | 14.5 | 25.3 | 38.0 | 50.6 | 54.2 |
| 54° | 1.8 | 14.5 | 25.3 | 38.0 | 50.6 | 52.4 |
| 55° | 1.8 | 14.5 | 25.3 | 38.0 | 48.8 | 52.4 |
| 56° | 1.8 | 12.7 | 25.3 | 38.0 | 48.8 | 52.4 |
| 57° | 1.8 | 12.7 | 23.5 | 36.1 | 48.8 | 50.6 |
| 58° | 1.8 | 12.7 | 23.5 | 36.1 | 48.8 | 50.6 |
| 59° | 1.8 | 12.7 | 23.5 | 36.1 | 47.0 | 50.6 |
| 60° | 3.6 | 10.8 | 21.7 | 34.3 | 47.0 | 50.6 |
| 62.5° | 3.6 | 10.8 | 21.7 | 34.3 | 45.2 | 48.8 |
| 65° | 3.6 | 10.8 | 19.9 | 32.5 | 45.2 | 48.8 |



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CATALOG NUMBER: LDSQA3D24R209027D010 3LSQCA45R 1MW

CANDELA DISTRIBUTION (continued):

| | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|------|--------|------|--------|------|
| 67.5° | 3.6 | 9.0 | 18.1 | 30.7 | 43.4 | 47.0 |
| 70° | 3.6 | 10.8 | 18.1 | 28.9 | 41.6 | 45.2 |
| 72.5° | 5.4 | 9.0 | 16.3 | 27.1 | 39.8 | 43.4 |
| 75° | 5.4 | 9.0 | 16.3 | 25.3 | 38.0 | 39.8 |
| 77.5° | 7.2 | 9.0 | 14.5 | 21.7 | 34.3 | 36.1 |
| 80° | 7.2 | 9.0 | 12.7 | 18.1 | 28.9 | 30.7 |
| 82.5° | 7.2 | 9.0 | 9.0 | 14.5 | 21.7 | 23.5 |
| 85° | 5.4 | 7.2 | 7.2 | 9.0 | 14.5 | 16.3 |
| 87.5° | 5.4 | 7.2 | 5.4 | 3.6 | 7.2 | 7.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)