

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P684814

Luminaire Tested: **LX6C120D010 EX61209050 6LCSWLI**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P684814
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P252180)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C120D010 EX61209050 6LCSWLI
Description: 6 INCH 12000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 6LCSW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

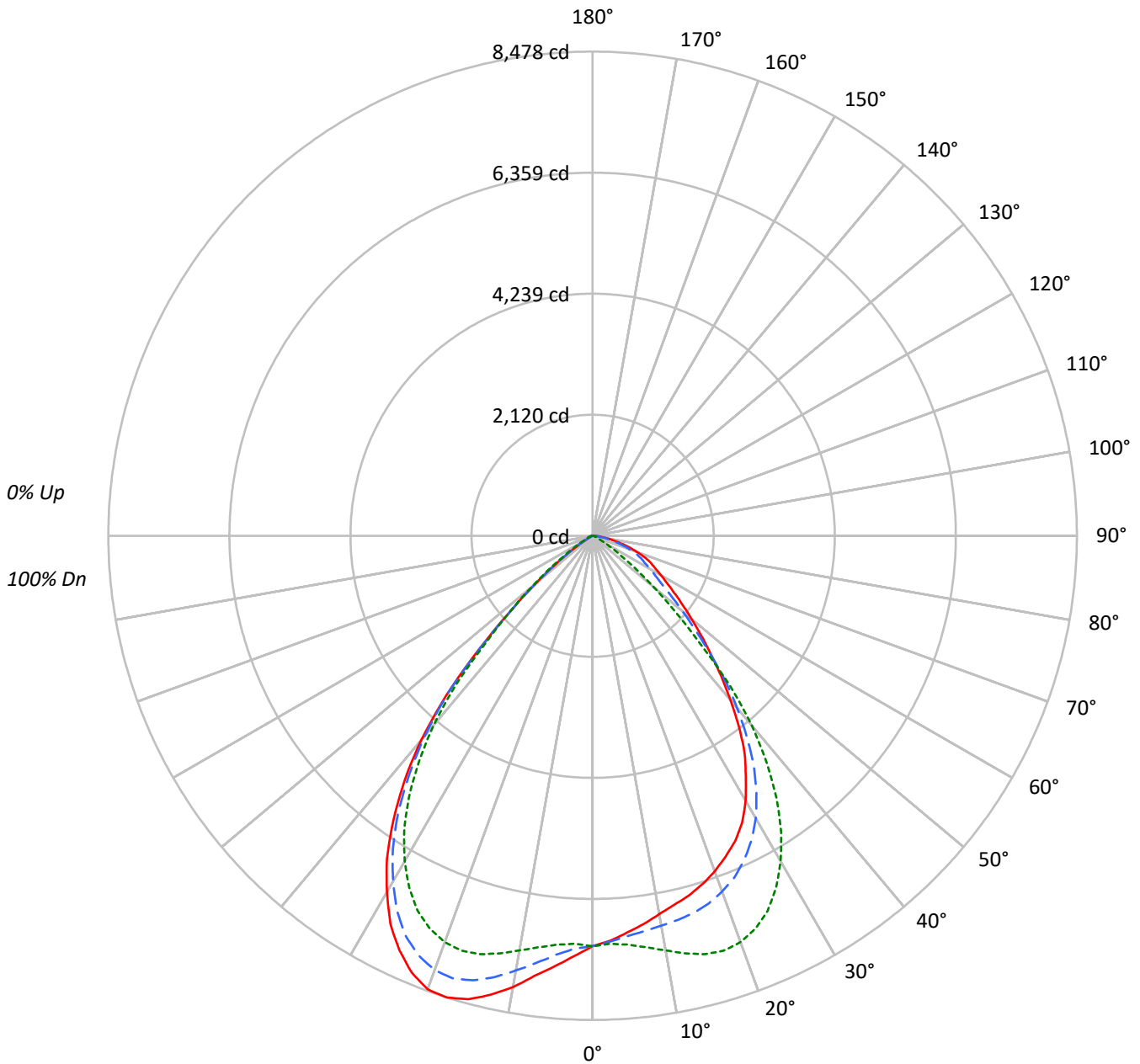
Lumens per Lamp: N/A
Luminaire Lumens: 13135.0 lumens
Efficiency: N/A
Efficacy: 92.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 142.3
Input Voltage (V):
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: 25 FT

TEST NUMBER: P684814

CATALOG NUMBER: LX6C120D010 EX61209050 6LCSWLI

Luminous Intensity Polar Plot





TEST NUMBER: P684814

CATALOG NUMBER: LX6C120D010 EX61209050 6LCSWLI

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 | 100 | | | 100 |
| 1 | 112 | 108 | 105 | 103 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | 90 |
| 2 | 105 | 98 | 93 | 89 | 102 | 97 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | 80 |
| 3 | 98 | 89 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 78 | 75 | 80 | 77 | 74 | 72 | | | 72 |
| 4 | 91 | 82 | 75 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 65 | | | 65 |
| 5 | 85 | 75 | 67 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | 58 |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 55 | 63 | 58 | 54 | 53 | | | 53 |
| 7 | 74 | 63 | 56 | 51 | 73 | 62 | 55 | 50 | 61 | 55 | 50 | 60 | 54 | 50 | 58 | 53 | 50 | 48 | | | 48 |
| 8 | 70 | 58 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 45 | 44 | | | 44 |
| 9 | 66 | 54 | 47 | 42 | 64 | 54 | 47 | 42 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 45 | 42 | 40 | | | 40 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 47 | 42 | 38 | 37 | | | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 393932 | 393932 | 393932 |
| 5° | 383716 | 395437 | 416227 |
| 10° | 374381 | 410330 | 446663 |
| 15° | 370008 | 430439 | 476836 |
| 20° | 364703 | 441657 | 492948 |
| 25° | 356954 | 438388 | 484105 |
| 30° | 339204 | 416608 | 455741 |
| 35° | 310329 | 375612 | 406872 |
| 40° | 268431 | 310210 | 333804 |
| 45° | 226365 | 203463 | 218356 |
| 50° | 192181 | 117770 | 110743 |
| 55° | 166780 | 56466 | 42665 |
| 60° | 150635 | 26358 | 10536 |
| 65° | 146138 | 15138 | 3554 |
| 70° | 131032 | 12133 | 3318 |
| 75° | 107684 | 8748 | 1483 |
| 80° | 80219 | 4325 | 0 |
| 85° | 69189 | 0 | 0 |



TEST NUMBER: P684814

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 694.1 | 5.3 |
| 10°-20° | 2115.3 | 16.1 |
| 20°-30° | 3232.0 | 24.6 |
| 30°-40° | 3380.4 | 25.7 |
| 40°-50° | 2192.9 | 16.7 |
| 50°-60° | 870.7 | 6.6 |
| 60°-70° | 413.0 | 3.1 |
| 70°-80° | 196.4 | 1.5 |
| 80°-90° | 40.1 | 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° | 6041.5 | 46.0 |
| 0°-40° | 9421.9 | 71.7 |
| 0°-60° | 12485.5 | 95.1 |
| 0°-90° | 13135.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 13135.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 7186 | 7186 | 7186 | 7186 | 7186 | |
| 5° | 6973 | 7035 | 7186 | 7365 | 7564 | 658 |
| 15° | 6520 | 6836 | 7584 | 8058 | 8402 | 1837 |
| 25° | 5901 | 6272 | 7248 | 7735 | 8003 | 2702 |
| 35° | 4637 | 4919 | 5613 | 5942 | 6080 | 2868 |
| 45° | 2920 | 2892 | 2624 | 2782 | 2816 | 2272 |
| 55° | 1745 | 1484 | 591 | 460 | 446 | 1581 |
| 65° | 1127 | 934 | 117 | 27 | 27 | 1100 |
| 75° | 508 | 412 | 41 | 14 | 7 | 548 |
| 85° | 110 | 69 | 0 | 0 | 0 | 128 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684814

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 |
| 2.5° | 7096.6 | 7110.2 | 7034.9 | 7014.2 | 7069.2 | 7089.6 | 7096.6 | 7075.9 | 7082.9 | 7110.2 | 7110.2 |
| 5° | 6972.9 | 6986.6 | 6917.9 | 6897.2 | 6952.2 | 6966.2 | 6986.6 | 6979.9 | 7000.5 | 7041.6 | 7034.9 |
| 7.5° | 6856.2 | 6876.8 | 6801.2 | 6773.8 | 6842.5 | 6876.8 | 6890.5 | 6890.5 | 6917.9 | 6972.9 | 6979.9 |
| 10° | 6725.5 | 6753.1 | 6684.5 | 6670.5 | 6746.2 | 6780.5 | 6787.5 | 6801.2 | 6842.5 | 6917.9 | 6931.6 |
| 12.5° | 6615.8 | 6643.2 | 6595.1 | 6574.5 | 6656.8 | 6691.2 | 6704.9 | 6732.5 | 6780.5 | 6876.8 | 6890.5 |
| 15° | 6519.5 | 6540.1 | 6485.1 | 6471.4 | 6553.8 | 6595.1 | 6601.8 | 6643.2 | 6704.9 | 6814.9 | 6835.5 |
| 17.5° | 6395.8 | 6409.5 | 6368.4 | 6354.7 | 6437.1 | 6478.2 | 6485.1 | 6533.2 | 6608.8 | 6718.8 | 6753.1 |
| 20° | 6251.5 | 6265.4 | 6224.1 | 6210.4 | 6292.8 | 6340.8 | 6347.8 | 6389.1 | 6478.2 | 6595.1 | 6629.5 |
| 22.5° | 6079.7 | 6107.4 | 6059.3 | 6045.4 | 6128.0 | 6169.1 | 6189.7 | 6224.1 | 6313.4 | 6430.1 | 6478.2 |
| 25° | 5901.3 | 5901.3 | 5867.0 | 5860.0 | 5935.7 | 5983.7 | 5976.7 | 6024.7 | 6114.1 | 6231.1 | 6272.1 |
| 27.5° | 5667.6 | 5660.7 | 5626.3 | 5619.6 | 5702.0 | 5743.3 | 5729.4 | 5777.6 | 5860.0 | 5976.7 | 6018.0 |
| 30° | 5358.6 | 5372.3 | 5324.2 | 5310.3 | 5379.2 | 5447.9 | 5440.9 | 5489.0 | 5571.3 | 5681.3 | 5709.0 |
| 32.5° | 4987.5 | 5001.2 | 4994.5 | 4973.8 | 5035.6 | 5069.9 | 5090.6 | 5124.9 | 5193.6 | 5310.3 | 5337.9 |
| 35° | 4637.1 | 4616.5 | 4589.1 | 4589.1 | 4650.8 | 4705.8 | 4685.2 | 4726.5 | 4795.2 | 4911.9 | 4918.8 |
| 37.5° | 4204.4 | 4197.4 | 4183.7 | 4170.0 | 4238.7 | 4252.4 | 4259.4 | 4286.8 | 4348.7 | 4444.8 | 4431.1 |
| 40° | 3751.0 | 3757.7 | 3751.0 | 3723.3 | 3764.7 | 3819.7 | 3812.7 | 3826.6 | 3881.4 | 3950.1 | 3929.7 |
| 42.5° | 3324.9 | 3324.9 | 3324.9 | 3297.6 | 3345.6 | 3373.2 | 3386.9 | 3379.9 | 3393.6 | 3455.6 | 3428.0 |
| 45° | 2919.8 | 2926.5 | 2919.8 | 2912.8 | 2919.8 | 2933.5 | 2919.8 | 2912.8 | 2912.8 | 2933.5 | 2892.2 |
| 47.5° | 2569.4 | 2569.4 | 2548.8 | 2528.1 | 2548.8 | 2555.5 | 2535.1 | 2514.4 | 2507.4 | 2500.7 | 2432.1 |
| 50° | 2253.4 | 2246.4 | 2239.7 | 2205.3 | 2225.7 | 2232.7 | 2205.3 | 2191.4 | 2164.0 | 2129.7 | 2047.3 |
| 52.5° | 1978.6 | 1971.7 | 1964.7 | 1930.4 | 1944.3 | 1951.0 | 1923.6 | 1896.0 | 1861.7 | 1834.3 | 1731.3 |
| 55° | 1745.0 | 1738.0 | 1738.0 | 1717.6 | 1703.7 | 1717.6 | 1690.0 | 1669.3 | 1621.3 | 1586.9 | 1483.9 |
| 57.5° | 1545.6 | 1545.6 | 1531.9 | 1511.3 | 1518.3 | 1518.3 | 1490.9 | 1463.3 | 1421.9 | 1380.9 | 1298.5 |
| 60° | 1373.9 | 1373.9 | 1373.9 | 1353.3 | 1353.3 | 1353.3 | 1339.6 | 1312.2 | 1277.9 | 1236.6 | 1154.2 |
| 62.5° | 1236.6 | 1236.6 | 1229.6 | 1209.2 | 1215.9 | 1215.9 | 1202.2 | 1174.8 | 1140.5 | 1112.9 | 1030.5 |
| 65° | 1126.6 | 1126.6 | 1126.6 | 1106.2 | 1106.2 | 1112.9 | 1099.2 | 1071.8 | 1044.2 | 1009.8 | 934.2 |
| 67.5° | 989.2 | 982.5 | 982.5 | 968.5 | 975.5 | 982.5 | 968.5 | 948.1 | 913.8 | 893.1 | 824.5 |
| 70° | 817.5 | 824.5 | 831.2 | 810.8 | 817.5 | 817.5 | 810.8 | 790.1 | 769.5 | 748.8 | 687.1 |
| 72.5° | 666.4 | 666.4 | 659.5 | 652.7 | 652.7 | 659.5 | 645.8 | 625.1 | 611.4 | 597.7 | 549.5 |
| 75° | 508.4 | 501.4 | 508.4 | 494.7 | 494.7 | 494.7 | 480.8 | 474.1 | 467.1 | 446.4 | 412.1 |
| 77.5° | 371.0 | 364.1 | 364.1 | 350.4 | 357.4 | 357.4 | 350.4 | 336.7 | 322.8 | 316.0 | 288.4 |
| 80° | 254.1 | 254.1 | 254.1 | 247.4 | 247.4 | 240.4 | 240.4 | 233.7 | 219.7 | 213.0 | 199.3 |
| 82.5° | 171.7 | 171.7 | 171.7 | 165.0 | 165.0 | 165.0 | 158.0 | 151.1 | 144.3 | 137.4 | 123.7 |
| 85° | 110.0 | 110.0 | 110.0 | 103.0 | 103.0 | 103.0 | 96.1 | 96.1 | 89.3 | 82.4 | 68.7 |
| 87.5° | 61.7 | 61.7 | 61.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 48.0 | 41.3 | 34.3 |
| 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: P684814

CATALOG NUMBER: LX6C120D010 EX61209050 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 |
| 2.5° | 7158.3 | 7062.2 | 7123.9 | 7123.9 | 7103.5 | 7158.3 | 7192.9 | 7220.2 | 7213.3 | 7151.6 | 7144.6 |
| 5° | 7103.5 | 7020.9 | 7089.6 | 7096.6 | 7075.9 | 7151.6 | 7199.6 | 7233.9 | 7240.9 | 7185.9 | 7192.9 |
| 7.5° | 7062.2 | 6993.5 | 7082.9 | 7110.2 | 7103.5 | 7172.2 | 7227.2 | 7282.0 | 7309.6 | 7268.3 | 7275.2 |
| 10° | 7041.6 | 6986.6 | 7082.9 | 7123.9 | 7130.9 | 7206.6 | 7288.9 | 7364.6 | 7398.9 | 7371.3 | 7392.0 |
| 12.5° | 7014.2 | 6979.9 | 7089.6 | 7151.6 | 7178.9 | 7254.6 | 7357.6 | 7446.9 | 7501.9 | 7488.3 | 7529.3 |
| 15° | 6986.6 | 6959.2 | 7089.6 | 7178.9 | 7213.3 | 7282.0 | 7398.9 | 7529.3 | 7591.3 | 7584.3 | 7639.3 |
| 17.5° | 6917.9 | 6911.2 | 7048.5 | 7144.6 | 7192.9 | 7275.2 | 7385.0 | 7543.0 | 7605.0 | 7618.7 | 7687.3 |
| 20° | 6808.1 | 6808.1 | 6959.2 | 7062.2 | 7117.2 | 7192.9 | 7330.2 | 7481.3 | 7556.9 | 7570.6 | 7646.3 |
| 22.5° | 6656.8 | 6670.5 | 6814.9 | 6917.9 | 7000.5 | 7055.2 | 7199.6 | 7357.6 | 7426.3 | 7446.9 | 7529.3 |
| 25° | 6457.8 | 6471.4 | 6608.8 | 6711.8 | 6801.2 | 6862.9 | 7000.5 | 7144.6 | 7227.2 | 7247.6 | 7309.6 |
| 27.5° | 6196.7 | 6224.1 | 6354.7 | 6457.8 | 6533.2 | 6574.5 | 6718.8 | 6869.9 | 6931.6 | 6952.2 | 7014.2 |
| 30° | 5894.4 | 5901.3 | 6031.7 | 6121.1 | 6196.7 | 6231.1 | 6354.7 | 6512.8 | 6560.8 | 6581.4 | 6670.5 |
| 32.5° | 5523.3 | 5516.6 | 5640.3 | 5722.6 | 5784.4 | 5825.7 | 5956.1 | 6059.3 | 6107.4 | 6141.7 | 6189.7 |
| 35° | 5076.9 | 5069.9 | 5159.2 | 5255.5 | 5303.6 | 5317.3 | 5447.9 | 5557.6 | 5585.3 | 5612.6 | 5674.6 |
| 37.5° | 4575.4 | 4575.4 | 4650.8 | 4699.1 | 4753.9 | 4774.5 | 4836.5 | 4960.2 | 5008.2 | 5001.2 | 5049.2 |
| 40° | 4046.4 | 4019.0 | 4073.7 | 4122.0 | 4135.7 | 4142.4 | 4204.4 | 4300.4 | 4334.8 | 4334.8 | 4369.1 |
| 42.5° | 3489.9 | 3448.6 | 3455.6 | 3483.0 | 3496.6 | 3448.6 | 3489.9 | 3551.6 | 3531.0 | 3558.6 | 3565.6 |
| 45° | 2899.1 | 2837.2 | 2809.8 | 2747.8 | 2761.8 | 2713.5 | 2686.1 | 2699.8 | 2693.1 | 2624.4 | 2638.1 |
| 47.5° | 2418.1 | 2308.4 | 2260.1 | 2171.0 | 2150.3 | 2095.4 | 2061.0 | 1999.0 | 1944.3 | 1944.3 | 1909.7 |
| 50° | 2013.0 | 1903.0 | 1806.7 | 1703.7 | 1669.3 | 1621.3 | 1545.6 | 1463.3 | 1421.9 | 1380.9 | 1346.5 |
| 52.5° | 1690.0 | 1573.3 | 1456.3 | 1346.5 | 1298.5 | 1236.6 | 1133.5 | 1051.2 | 975.5 | 934.2 | 893.1 |
| 55° | 1428.9 | 1298.5 | 1174.8 | 1057.9 | 996.2 | 934.2 | 831.2 | 735.1 | 645.8 | 590.8 | 556.4 |
| 57.5° | 1229.6 | 1106.2 | 975.5 | 851.8 | 796.8 | 728.1 | 618.4 | 515.1 | 432.8 | 371.0 | 336.7 |
| 60° | 1085.5 | 961.8 | 845.1 | 714.5 | 659.5 | 590.8 | 474.1 | 377.8 | 295.4 | 240.4 | 199.3 |
| 62.5° | 961.8 | 851.8 | 728.1 | 611.4 | 556.4 | 487.8 | 377.8 | 281.7 | 206.0 | 151.1 | 116.7 |
| 65° | 872.5 | 762.5 | 659.5 | 542.8 | 494.7 | 426.0 | 322.8 | 233.7 | 165.0 | 116.7 | 82.4 |
| 67.5° | 769.5 | 673.1 | 570.1 | 474.1 | 426.0 | 371.0 | 274.7 | 199.3 | 137.4 | 96.1 | 68.7 |
| 70° | 645.8 | 570.1 | 480.8 | 391.7 | 357.4 | 309.1 | 226.7 | 165.0 | 110.0 | 75.7 | 55.0 |
| 72.5° | 515.1 | 453.4 | 384.7 | 316.0 | 288.4 | 240.4 | 185.4 | 130.7 | 82.4 | 55.0 | 41.3 |
| 75° | 391.7 | 343.4 | 288.4 | 240.4 | 213.0 | 185.4 | 137.4 | 96.1 | 61.7 | 41.3 | 27.4 |
| 77.5° | 268.0 | 247.4 | 206.0 | 165.0 | 151.1 | 130.7 | 89.3 | 61.7 | 41.3 | 27.4 | 13.7 |
| 80° | 185.4 | 165.0 | 137.4 | 110.0 | 96.1 | 82.4 | 55.0 | 41.3 | 20.7 | 13.7 | 7.0 |
| 82.5° | 116.7 | 96.1 | 82.4 | 68.7 | 61.7 | 48.0 | 34.3 | 20.7 | 13.7 | 7.0 | 7.0 |
| 85° | 61.7 | 55.0 | 48.0 | 34.3 | 34.3 | 27.4 | 20.7 | 13.7 | 7.0 | 0.0 | 0.0 |
| 87.5° | 34.3 | 27.4 | 20.7 | 13.7 | 13.7 | 7.0 | 7.0 | 7.0 | 0.0 | 0.0 | 0.0 |
| 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: P684814

CATALOG NUMBER: LX6C120D010 EX61209050 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 |
| 2.5° | 7227.2 | 7227.2 | 7220.2 | 7302.6 | 7206.6 | 7302.6 | 7254.6 | 7302.6 | 7233.9 | 7227.2 | 7233.9 |
| 5° | 7282.0 | 7302.6 | 7309.6 | 7385.0 | 7295.9 | 7412.6 | 7371.3 | 7412.6 | 7364.6 | 7378.3 | 7398.9 |
| 7.5° | 7392.0 | 7426.3 | 7419.6 | 7515.6 | 7426.3 | 7556.9 | 7529.3 | 7591.3 | 7543.0 | 7556.9 | 7584.3 |
| 10° | 7515.6 | 7556.9 | 7563.7 | 7660.0 | 7577.3 | 7735.4 | 7701.0 | 7769.7 | 7728.7 | 7749.3 | 7783.7 |
| 12.5° | 7660.0 | 7708.0 | 7715.0 | 7824.7 | 7735.4 | 7900.4 | 7879.7 | 7948.4 | 7914.0 | 7934.7 | 7976.0 |
| 15° | 7769.7 | 7838.4 | 7852.3 | 7962.1 | 7866.0 | 8037.7 | 8024.0 | 8113.4 | 8058.4 | 8092.7 | 8127.1 |
| 17.5° | 7824.7 | 7886.7 | 7914.0 | 8017.1 | 7934.7 | 8106.4 | 8092.7 | 8168.4 | 8127.1 | 8161.4 | 8202.7 |
| 20° | 7790.4 | 7866.0 | 7886.7 | 7989.7 | 7907.3 | 8079.0 | 8058.4 | 8134.0 | 8092.7 | 8120.1 | 8161.4 |
| 22.5° | 7666.7 | 7742.3 | 7769.7 | 7866.0 | 7790.4 | 7948.4 | 7941.7 | 8010.4 | 7955.4 | 7989.7 | 8024.0 |
| 25° | 7446.9 | 7529.3 | 7543.0 | 7632.3 | 7550.0 | 7715.0 | 7701.0 | 7776.7 | 7735.4 | 7756.0 | 7804.1 |
| 27.5° | 7130.9 | 7227.2 | 7247.6 | 7323.3 | 7261.6 | 7398.9 | 7398.9 | 7460.6 | 7412.6 | 7412.6 | 7460.6 |
| 30° | 6753.1 | 6849.2 | 6862.9 | 6924.9 | 6869.9 | 6993.5 | 7000.5 | 7062.2 | 6986.6 | 7027.9 | 7034.9 |
| 32.5° | 6292.8 | 6354.7 | 6395.8 | 6450.8 | 6368.4 | 6526.4 | 6505.8 | 6553.8 | 6512.8 | 6512.8 | 6547.1 |
| 35° | 5736.3 | 5812.0 | 5832.6 | 5901.3 | 5832.6 | 5956.1 | 5956.1 | 5983.7 | 5942.4 | 5942.4 | 5997.4 |
| 37.5° | 5131.9 | 5186.9 | 5193.6 | 5262.3 | 5207.3 | 5310.3 | 5303.6 | 5324.2 | 5282.9 | 5310.3 | 5310.3 |
| 40° | 4424.1 | 4465.4 | 4479.1 | 4513.5 | 4506.7 | 4582.1 | 4575.4 | 4589.1 | 4568.5 | 4575.4 | 4589.1 |
| 42.5° | 3599.9 | 3654.7 | 3682.3 | 3709.7 | 3668.6 | 3771.6 | 3751.0 | 3771.6 | 3764.7 | 3771.6 | 3792.3 |
| 45° | 2651.8 | 2693.1 | 2713.5 | 2720.5 | 2706.8 | 2768.5 | 2816.5 | 2775.5 | 2782.2 | 2768.5 | 2796.1 |
| 47.5° | 1916.7 | 1923.6 | 1909.7 | 1951.0 | 1916.7 | 1944.3 | 1958.0 | 1964.7 | 1923.6 | 1916.7 | 1944.3 |
| 50° | 1312.2 | 1346.5 | 1298.5 | 1318.9 | 1312.2 | 1339.6 | 1325.9 | 1332.9 | 1291.6 | 1312.2 | 1298.5 |
| 52.5° | 872.5 | 865.5 | 851.8 | 858.8 | 845.1 | 845.1 | 845.1 | 858.8 | 831.2 | 817.5 | 803.8 |
| 55° | 529.1 | 515.1 | 487.8 | 480.8 | 480.8 | 487.8 | 474.1 | 460.4 | 460.4 | 453.4 | 453.4 |
| 57.5° | 309.1 | 288.4 | 274.7 | 268.0 | 254.1 | 247.4 | 240.4 | 240.4 | 226.7 | 226.7 | 226.7 |
| 60° | 171.7 | 151.1 | 137.4 | 123.7 | 123.7 | 116.7 | 110.0 | 103.0 | 103.0 | 103.0 | 96.1 |
| 62.5° | 89.3 | 75.7 | 61.7 | 55.0 | 55.0 | 48.0 | 41.3 | 41.3 | 41.3 | 41.3 | 34.3 |
| 65° | 61.7 | 48.0 | 41.3 | 34.3 | 34.3 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| 67.5° | 48.0 | 41.3 | 34.3 | 27.4 | 27.4 | 27.4 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| 70° | 41.3 | 27.4 | 27.4 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| 72.5° | 27.4 | 27.4 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| 75° | 20.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| 77.5° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P684814

CATALOG NUMBER: LX6C120D010 EX61209050 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 | 7185.9 |
| 2.5° | 7295.9 | 7288.9 | 7295.9 | 7309.6 | 7282.0 | 7364.6 | 7323.3 | 7364.6 |
| 5° | 7453.9 | 7460.6 | 7467.6 | 7488.3 | 7453.9 | 7556.9 | 7501.9 | 7563.7 |
| 7.5° | 7660.0 | 7666.7 | 7673.7 | 7694.3 | 7673.7 | 7776.7 | 7715.0 | 7769.7 |
| 10° | 7873.0 | 7886.7 | 7886.7 | 7921.0 | 7900.4 | 7996.4 | 7955.4 | 8024.0 |
| 12.5° | 8072.1 | 8085.8 | 8099.7 | 8120.1 | 8106.4 | 8209.4 | 8175.1 | 8230.1 |
| 15° | 8230.1 | 8257.5 | 8264.4 | 8291.8 | 8278.1 | 8388.1 | 8346.8 | 8401.8 |
| 17.5° | 8305.7 | 8333.1 | 8333.1 | 8367.5 | 8353.8 | 8470.5 | 8415.5 | 8477.5 |
| 20° | 8264.4 | 8285.1 | 8291.8 | 8326.4 | 8312.5 | 8429.4 | 8374.4 | 8449.8 |
| 22.5° | 8134.0 | 8140.8 | 8147.7 | 8182.1 | 8175.1 | 8278.1 | 8230.1 | 8278.1 |
| 25° | 7893.4 | 7914.0 | 7907.3 | 7934.7 | 7934.7 | 8017.1 | 7962.1 | 8003.4 |
| 27.5° | 7550.0 | 7570.6 | 7570.6 | 7605.0 | 7577.3 | 7660.0 | 7605.0 | 7666.7 |
| 30° | 7130.9 | 7151.6 | 7137.9 | 7165.2 | 7137.9 | 7220.2 | 7178.9 | 7199.6 |
| 32.5° | 6629.5 | 6629.5 | 6636.2 | 6643.2 | 6629.5 | 6704.9 | 6663.8 | 6704.9 |
| 35° | 6031.7 | 6045.4 | 6052.4 | 6059.3 | 6045.4 | 6100.4 | 6052.4 | 6079.7 |
| 37.5° | 5358.6 | 5392.9 | 5385.9 | 5392.9 | 5372.3 | 5440.9 | 5399.6 | 5413.6 |
| 40° | 4637.1 | 4637.1 | 4630.2 | 4644.1 | 4623.5 | 4678.5 | 4650.8 | 4664.5 |
| 42.5° | 3799.0 | 3819.7 | 3792.3 | 3826.6 | 3771.6 | 3847.0 | 3819.7 | 3799.0 |
| 45° | 2851.1 | 2823.5 | 2816.5 | 2823.5 | 2802.8 | 2809.8 | 2830.5 | 2816.5 |
| 47.5° | 1944.3 | 1944.3 | 1930.4 | 1909.7 | 1937.3 | 1944.3 | 1916.7 | 1916.7 |
| 50° | 1305.2 | 1305.2 | 1291.6 | 1284.6 | 1298.5 | 1291.6 | 1277.9 | 1298.5 |
| 52.5° | 831.2 | 803.8 | 803.8 | 817.5 | 803.8 | 790.1 | 810.8 | 796.8 |
| 55° | 453.4 | 439.7 | 439.7 | 453.4 | 439.7 | 439.7 | 432.8 | 446.4 |
| 57.5° | 219.7 | 226.7 | 219.7 | 219.7 | 219.7 | 219.7 | 213.0 | 219.7 |
| 60° | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 62.5° | 41.3 | 41.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| 65° | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| 67.5° | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 27.4 | 20.7 | 20.7 |
| 70° | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| 72.5° | 20.7 | 20.7 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| 75° | 13.7 | 13.7 | 13.7 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Report Generated By 670246072 / DESKTOP-50001EG





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













(END OF REPORT)