

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: P684804

Luminaire Tested: **LX6C120D010 EX61209035 6LCSWLI**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P684804
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 EX61209035 6LCSWLI
Description: 6 INCH 12000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS
AND 6LCSW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

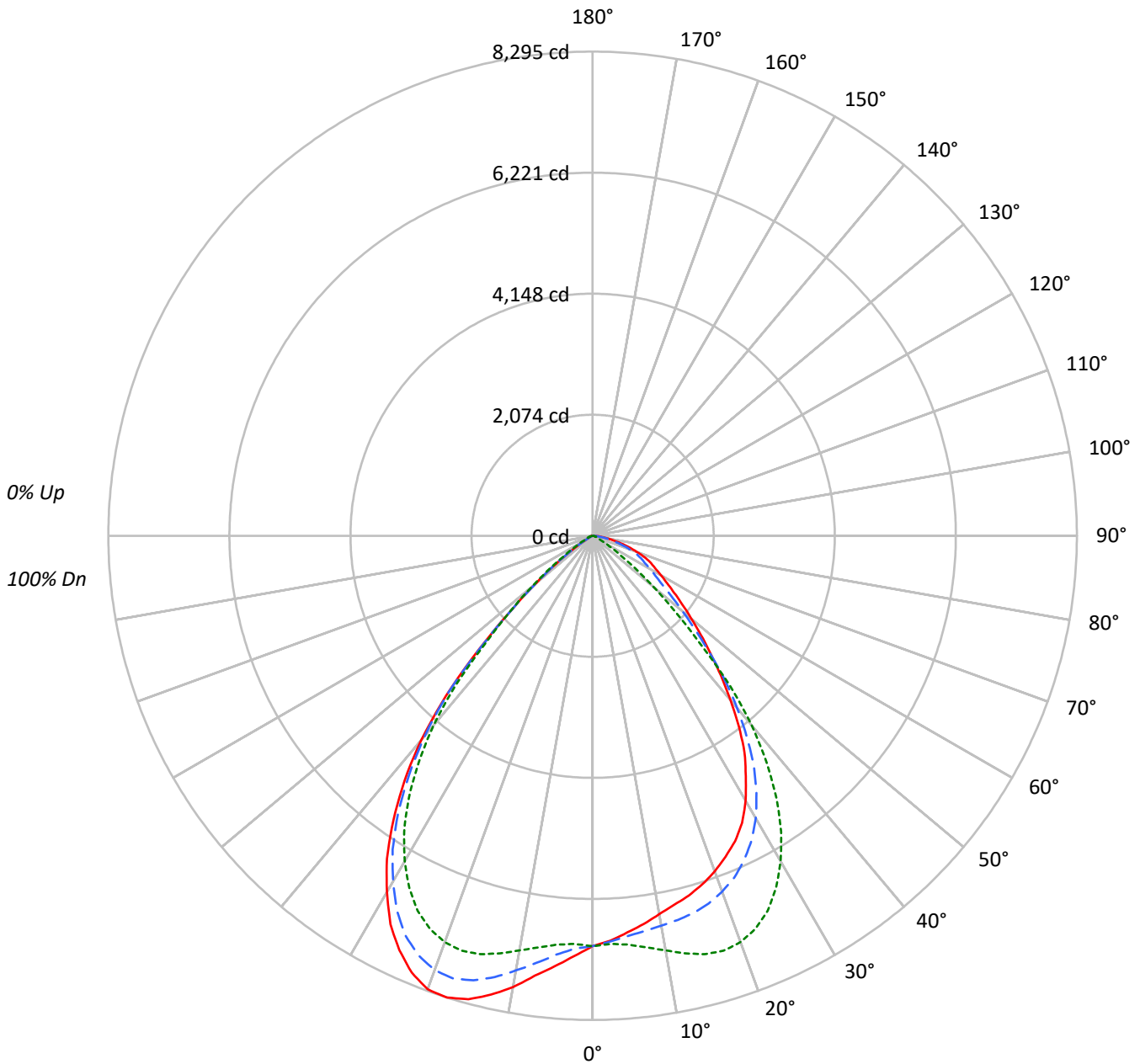
Lumens per Lamp: N/A
Luminaire Lumens: 12852.0 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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: P684804

CATALOG NUMBER: LX6C120D010 EX61209035 6LCSWLI

Luminous Intensity Polar Plot





TEST NUMBER: P684804

CATALOG NUMBER: LX6C120D010 EX61209035 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° | 385446 | 385446 | 385446 |
| 5° | 375445 | 386918 | 407257 |
| 10° | 366315 | 401490 | 437044 |
| 15° | 362034 | 421166 | 466563 |
| 20° | 356844 | 432142 | 482330 |
| 25° | 349266 | 428946 | 473671 |
| 30° | 331893 | 407632 | 445923 |
| 35° | 303643 | 367521 | 398112 |
| 40° | 262649 | 303526 | 326612 |
| 45° | 221488 | 199083 | 213650 |
| 50° | 188036 | 115229 | 108355 |
| 55° | 163187 | 55243 | 41748 |
| 60° | 147390 | 25787 | 10306 |
| 65° | 142985 | 14814 | 3476 |
| 70° | 128211 | 11861 | 3238 |
| 75° | 105375 | 8557 | 1440 |
| 80° | 78482 | 4230 | 0 |
| 85° | 67679 | 0 | 0 |



TEST NUMBER: P684804

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 679.1 | 5.3 |
| 10°-20° | 2069.8 | 16.1 |
| 20°-30° | 3162.4 | 24.6 |
| 30°-40° | 3307.6 | 25.7 |
| 40°-50° | 2145.7 | 16.7 |
| 50°-60° | 851.9 | 6.6 |
| 60°-70° | 404.1 | 3.1 |
| 70°-80° | 192.2 | 1.5 |
| 80°-90° | 39.2 | 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° | 5911.3 | 46.0 |
| 0°-40° | 9218.9 | 71.7 |
| 0°-60° | 12216.5 | 95.1 |
| 0°-90° | 12852.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 12852.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 7031 | 7031 | 7031 | 7031 | 7031 | |
| 5° | 6823 | 6883 | 7031 | 7206 | 7401 | 644 |
| 15° | 6379 | 6688 | 7421 | 7885 | 8221 | 1798 |
| 25° | 5774 | 6137 | 7092 | 7569 | 7831 | 2644 |
| 35° | 4537 | 4813 | 5492 | 5814 | 5949 | 2806 |
| 45° | 2857 | 2830 | 2568 | 2722 | 2756 | 2223 |
| 55° | 1707 | 1452 | 578 | 450 | 437 | 1547 |
| 65° | 1102 | 914 | 114 | 27 | 27 | 1077 |
| 75° | 498 | 403 | 40 | 13 | 7 | 537 |
| 85° | 108 | 67 | 0 | 0 | 0 | 125 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684804

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 |
| 2.5° | 6943.7 | 6957.1 | 6883.3 | 6863.1 | 6916.9 | 6936.8 | 6943.7 | 6923.5 | 6930.3 | 6957.1 | 6957.1 |
| 5° | 6822.6 | 6836.0 | 6768.8 | 6748.6 | 6802.4 | 6816.1 | 6836.0 | 6829.5 | 6849.7 | 6889.9 | 6883.3 |
| 7.5° | 6708.5 | 6728.7 | 6654.6 | 6627.9 | 6695.1 | 6728.7 | 6742.1 | 6742.1 | 6768.8 | 6822.6 | 6829.5 |
| 10° | 6580.6 | 6607.6 | 6540.4 | 6526.8 | 6600.8 | 6634.4 | 6641.2 | 6654.6 | 6695.1 | 6768.8 | 6782.2 |
| 12.5° | 6473.2 | 6500.0 | 6453.0 | 6432.8 | 6513.4 | 6547.0 | 6560.4 | 6587.4 | 6634.4 | 6728.7 | 6742.1 |
| 15° | 6379.0 | 6399.2 | 6345.4 | 6332.0 | 6412.6 | 6453.0 | 6459.6 | 6500.0 | 6560.4 | 6668.0 | 6688.2 |
| 17.5° | 6258.0 | 6271.4 | 6231.2 | 6217.8 | 6298.4 | 6338.6 | 6345.4 | 6392.4 | 6466.4 | 6574.0 | 6607.6 |
| 20° | 6116.8 | 6130.4 | 6090.0 | 6076.6 | 6157.2 | 6204.2 | 6211.0 | 6251.4 | 6338.6 | 6453.0 | 6486.6 |
| 22.5° | 5948.8 | 5975.8 | 5928.8 | 5915.2 | 5996.0 | 6036.2 | 6056.4 | 6090.0 | 6177.4 | 6291.6 | 6338.6 |
| 25° | 5774.2 | 5774.2 | 5740.6 | 5733.8 | 5807.8 | 5854.8 | 5847.9 | 5894.9 | 5982.4 | 6096.8 | 6137.0 |
| 27.5° | 5545.5 | 5538.7 | 5505.1 | 5498.5 | 5579.1 | 5619.6 | 5605.9 | 5653.2 | 5733.8 | 5847.9 | 5888.4 |
| 30° | 5243.1 | 5256.5 | 5209.5 | 5195.9 | 5263.3 | 5330.5 | 5323.7 | 5370.7 | 5451.3 | 5558.9 | 5586.0 |
| 32.5° | 4880.1 | 4893.5 | 4886.9 | 4866.7 | 4927.1 | 4960.7 | 4980.9 | 5014.5 | 5081.7 | 5195.9 | 5222.9 |
| 35° | 4537.2 | 4517.0 | 4490.2 | 4490.2 | 4550.6 | 4604.4 | 4584.2 | 4624.6 | 4691.8 | 4806.0 | 4812.9 |
| 37.5° | 4113.8 | 4107.0 | 4093.6 | 4080.2 | 4147.4 | 4160.8 | 4167.6 | 4194.4 | 4255.0 | 4349.0 | 4335.6 |
| 40° | 3670.2 | 3676.7 | 3670.2 | 3643.1 | 3683.5 | 3737.4 | 3730.5 | 3744.2 | 3797.7 | 3864.9 | 3845.0 |
| 42.5° | 3253.3 | 3253.3 | 3253.3 | 3226.5 | 3273.5 | 3300.5 | 3313.9 | 3307.1 | 3320.5 | 3381.1 | 3354.1 |
| 45° | 2856.9 | 2863.5 | 2856.9 | 2850.1 | 2856.9 | 2870.3 | 2856.9 | 2850.1 | 2850.1 | 2870.3 | 2829.9 |
| 47.5° | 2514.1 | 2514.1 | 2493.8 | 2473.6 | 2493.8 | 2500.4 | 2480.5 | 2460.2 | 2453.4 | 2446.9 | 2379.7 |
| 50° | 2204.8 | 2198.0 | 2191.4 | 2157.8 | 2177.8 | 2184.6 | 2157.8 | 2144.2 | 2117.4 | 2083.8 | 2003.2 |
| 52.5° | 1936.0 | 1929.2 | 1922.4 | 1888.8 | 1902.4 | 1909.0 | 1882.2 | 1855.2 | 1821.6 | 1794.8 | 1694.0 |
| 55° | 1707.4 | 1700.5 | 1700.5 | 1680.6 | 1666.9 | 1680.6 | 1653.6 | 1633.3 | 1586.4 | 1552.7 | 1451.9 |
| 57.5° | 1512.3 | 1512.3 | 1498.9 | 1478.7 | 1485.5 | 1485.5 | 1458.8 | 1431.7 | 1391.3 | 1351.1 | 1270.5 |
| 60° | 1344.3 | 1344.3 | 1344.3 | 1324.1 | 1324.1 | 1324.1 | 1310.7 | 1283.9 | 1250.3 | 1209.9 | 1129.3 |
| 62.5° | 1209.9 | 1209.9 | 1203.1 | 1183.1 | 1189.7 | 1189.7 | 1176.3 | 1149.5 | 1115.9 | 1088.9 | 1008.3 |
| 65° | 1102.3 | 1102.3 | 1102.3 | 1082.3 | 1082.3 | 1088.9 | 1075.5 | 1048.7 | 1021.7 | 988.1 | 914.1 |
| 67.5° | 967.9 | 961.3 | 961.3 | 947.7 | 954.5 | 961.3 | 947.7 | 927.7 | 894.1 | 873.9 | 806.7 |
| 70° | 799.9 | 806.7 | 813.3 | 793.3 | 799.9 | 799.9 | 793.3 | 773.1 | 752.9 | 732.7 | 672.3 |
| 72.5° | 652.1 | 652.1 | 645.3 | 638.7 | 638.7 | 645.3 | 631.9 | 611.7 | 598.3 | 584.9 | 537.6 |
| 75° | 497.5 | 490.6 | 497.5 | 484.1 | 484.1 | 484.1 | 470.4 | 463.9 | 457.0 | 436.8 | 403.2 |
| 77.5° | 363.0 | 356.2 | 356.2 | 342.8 | 349.7 | 349.7 | 342.8 | 329.4 | 315.8 | 309.2 | 282.2 |
| 80° | 248.6 | 248.6 | 248.6 | 242.0 | 242.0 | 235.2 | 235.2 | 228.6 | 215.0 | 208.4 | 195.0 |
| 82.5° | 168.0 | 168.0 | 168.0 | 161.4 | 161.4 | 161.4 | 154.6 | 147.8 | 141.2 | 134.4 | 121.0 |
| 85° | 107.6 | 107.6 | 107.6 | 100.8 | 100.8 | 100.8 | 94.0 | 94.0 | 87.4 | 80.6 | 67.2 |
| 87.5° | 60.4 | 60.4 | 60.4 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 47.0 | 40.4 | 33.6 |
| 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: P684804

CATALOG NUMBER: LX6C120D010 EX61209035 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 |
| 2.5° | 7004.0 | 6910.1 | 6970.4 | 6970.4 | 6950.5 | 7004.0 | 7037.9 | 7064.7 | 7057.9 | 6997.5 | 6990.7 |
| 5° | 6950.5 | 6869.6 | 6936.8 | 6943.7 | 6923.5 | 6997.5 | 7044.5 | 7078.1 | 7084.9 | 7031.1 | 7037.9 |
| 7.5° | 6910.1 | 6842.9 | 6930.3 | 6957.1 | 6950.5 | 7017.7 | 7071.5 | 7125.1 | 7152.1 | 7111.7 | 7118.5 |
| 10° | 6889.9 | 6836.0 | 6930.3 | 6970.4 | 6977.3 | 7051.3 | 7131.9 | 7205.9 | 7239.5 | 7212.5 | 7232.7 |
| 12.5° | 6863.1 | 6829.5 | 6936.8 | 6997.5 | 7024.3 | 7098.3 | 7199.1 | 7286.5 | 7340.3 | 7326.9 | 7367.1 |
| 15° | 6836.0 | 6809.3 | 6936.8 | 7024.3 | 7057.9 | 7125.1 | 7239.5 | 7367.1 | 7427.7 | 7420.9 | 7474.7 |
| 17.5° | 6768.8 | 6762.3 | 6896.7 | 6990.7 | 7037.9 | 7118.5 | 7225.9 | 7380.5 | 7441.1 | 7454.5 | 7521.7 |
| 20° | 6661.5 | 6661.5 | 6809.3 | 6910.1 | 6963.9 | 7037.9 | 7172.3 | 7320.1 | 7394.1 | 7407.5 | 7481.5 |
| 22.5° | 6513.4 | 6526.8 | 6668.0 | 6768.8 | 6849.7 | 6903.2 | 7044.5 | 7199.1 | 7266.3 | 7286.5 | 7367.1 |
| 25° | 6318.6 | 6332.0 | 6466.4 | 6567.2 | 6654.6 | 6715.0 | 6849.7 | 6990.7 | 7071.5 | 7091.5 | 7152.1 |
| 27.5° | 6063.2 | 6090.0 | 6217.8 | 6318.6 | 6392.4 | 6432.8 | 6574.0 | 6721.8 | 6782.2 | 6802.4 | 6863.1 |
| 30° | 5767.4 | 5774.2 | 5901.8 | 5989.2 | 6063.2 | 6096.8 | 6217.8 | 6372.4 | 6419.4 | 6439.6 | 6526.8 |
| 32.5° | 5404.3 | 5397.7 | 5518.8 | 5599.3 | 5659.7 | 5700.2 | 5827.7 | 5928.8 | 5975.8 | 6009.4 | 6056.4 |
| 35° | 4967.5 | 4960.7 | 5048.1 | 5142.3 | 5189.3 | 5202.7 | 5330.5 | 5437.9 | 5464.9 | 5491.7 | 5552.4 |
| 37.5° | 4476.8 | 4476.8 | 4550.6 | 4597.9 | 4651.4 | 4671.6 | 4732.3 | 4853.3 | 4900.3 | 4893.5 | 4940.5 |
| 40° | 3959.2 | 3932.4 | 3986.0 | 4033.2 | 4046.6 | 4053.2 | 4113.8 | 4207.8 | 4241.4 | 4241.4 | 4275.0 |
| 42.5° | 3414.7 | 3374.3 | 3381.1 | 3407.9 | 3421.3 | 3374.3 | 3414.7 | 3475.1 | 3454.9 | 3481.9 | 3488.8 |
| 45° | 2836.7 | 2776.1 | 2749.3 | 2688.6 | 2702.3 | 2655.0 | 2628.3 | 2641.6 | 2635.1 | 2567.9 | 2581.3 |
| 47.5° | 2366.0 | 2258.6 | 2211.4 | 2124.2 | 2104.0 | 2050.2 | 2016.6 | 1956.0 | 1902.4 | 1902.4 | 1868.6 |
| 50° | 1969.6 | 1862.0 | 1767.7 | 1666.9 | 1633.3 | 1586.4 | 1512.3 | 1431.7 | 1391.3 | 1351.1 | 1317.5 |
| 52.5° | 1653.6 | 1539.4 | 1424.9 | 1317.5 | 1270.5 | 1209.9 | 1109.1 | 1028.5 | 954.5 | 914.1 | 873.9 |
| 55° | 1398.1 | 1270.5 | 1149.5 | 1035.1 | 974.7 | 914.1 | 813.3 | 719.3 | 631.9 | 578.0 | 544.4 |
| 57.5° | 1203.1 | 1082.3 | 954.5 | 833.5 | 779.7 | 712.5 | 605.1 | 504.0 | 423.4 | 363.0 | 329.4 |
| 60° | 1062.1 | 941.1 | 826.9 | 699.1 | 645.3 | 578.0 | 463.9 | 369.6 | 289.0 | 235.2 | 195.0 |
| 62.5° | 941.1 | 833.5 | 712.5 | 598.3 | 544.4 | 477.2 | 369.6 | 275.6 | 201.6 | 147.8 | 114.2 |
| 65° | 853.7 | 746.1 | 645.3 | 531.1 | 484.1 | 416.9 | 315.8 | 228.6 | 161.4 | 114.2 | 80.6 |
| 67.5° | 752.9 | 658.6 | 557.8 | 463.9 | 416.9 | 363.0 | 268.8 | 195.0 | 134.4 | 94.0 | 67.2 |
| 70° | 631.9 | 557.8 | 470.4 | 383.3 | 349.7 | 302.4 | 221.8 | 161.4 | 107.6 | 74.0 | 53.8 |
| 72.5° | 504.0 | 443.6 | 376.4 | 309.2 | 282.2 | 235.2 | 181.4 | 127.8 | 80.6 | 53.8 | 40.4 |
| 75° | 383.3 | 336.0 | 282.2 | 235.2 | 208.4 | 181.4 | 134.4 | 94.0 | 60.4 | 40.4 | 26.8 |
| 77.5° | 262.2 | 242.0 | 201.6 | 161.4 | 147.8 | 127.8 | 87.4 | 60.4 | 40.4 | 26.8 | 13.4 |
| 80° | 181.4 | 161.4 | 134.4 | 107.6 | 94.0 | 80.6 | 53.8 | 40.4 | 20.2 | 13.4 | 6.8 |
| 82.5° | 114.2 | 94.0 | 80.6 | 67.2 | 60.4 | 47.0 | 33.6 | 20.2 | 13.4 | 6.8 | 6.8 |
| 85° | 60.4 | 53.8 | 47.0 | 33.6 | 33.6 | 26.8 | 20.2 | 13.4 | 6.8 | 0.0 | 0.0 |
| 87.5° | 33.6 | 26.8 | 20.2 | 13.4 | 13.4 | 6.8 | 6.8 | 6.8 | 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: P684804

CATALOG NUMBER: LX6C120D010 EX61209035 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 |
| 2.5° | 7071.5 | 7071.5 | 7064.7 | 7145.3 | 7051.3 | 7145.3 | 7098.3 | 7145.3 | 7078.1 | 7071.5 | 7078.1 |
| 5° | 7125.1 | 7145.3 | 7152.1 | 7225.9 | 7138.7 | 7252.9 | 7212.5 | 7252.9 | 7205.9 | 7219.3 | 7239.5 |
| 7.5° | 7232.7 | 7266.3 | 7259.7 | 7353.7 | 7266.3 | 7394.1 | 7367.1 | 7427.7 | 7380.5 | 7394.1 | 7420.9 |
| 10° | 7353.7 | 7394.1 | 7400.7 | 7494.9 | 7414.1 | 7568.7 | 7535.1 | 7602.3 | 7562.1 | 7582.3 | 7615.9 |
| 12.5° | 7494.9 | 7541.9 | 7548.7 | 7656.1 | 7568.7 | 7730.1 | 7709.9 | 7777.1 | 7743.5 | 7763.7 | 7804.2 |
| 15° | 7602.3 | 7669.5 | 7683.2 | 7790.5 | 7696.5 | 7864.6 | 7851.2 | 7938.6 | 7884.8 | 7918.4 | 7952.0 |
| 17.5° | 7656.1 | 7716.8 | 7743.5 | 7844.3 | 7763.7 | 7931.8 | 7918.4 | 7992.4 | 7952.0 | 7985.6 | 8026.0 |
| 20° | 7622.5 | 7696.5 | 7716.8 | 7817.6 | 7737.0 | 7905.0 | 7884.8 | 7958.8 | 7918.4 | 7945.1 | 7985.6 |
| 22.5° | 7501.5 | 7575.5 | 7602.3 | 7696.5 | 7622.5 | 7777.1 | 7770.6 | 7837.8 | 7784.0 | 7817.6 | 7851.2 |
| 25° | 7286.5 | 7367.1 | 7380.5 | 7467.9 | 7387.3 | 7548.7 | 7535.1 | 7609.1 | 7568.7 | 7588.9 | 7635.9 |
| 27.5° | 6977.3 | 7071.5 | 7091.5 | 7165.5 | 7105.1 | 7239.5 | 7239.5 | 7299.9 | 7252.9 | 7252.9 | 7299.9 |
| 30° | 6607.6 | 6701.6 | 6715.0 | 6775.7 | 6721.8 | 6842.9 | 6849.7 | 6910.1 | 6836.0 | 6876.5 | 6883.3 |
| 32.5° | 6157.2 | 6217.8 | 6258.0 | 6311.8 | 6231.2 | 6385.8 | 6365.6 | 6412.6 | 6372.4 | 6372.4 | 6406.0 |
| 35° | 5612.7 | 5686.8 | 5707.0 | 5774.2 | 5707.0 | 5827.7 | 5827.7 | 5854.8 | 5814.3 | 5814.3 | 5868.2 |
| 37.5° | 5021.3 | 5075.1 | 5081.7 | 5148.9 | 5095.1 | 5195.9 | 5189.3 | 5209.5 | 5169.1 | 5195.9 | 5195.9 |
| 40° | 4328.8 | 4369.2 | 4382.6 | 4416.2 | 4409.6 | 4483.4 | 4476.8 | 4490.2 | 4470.0 | 4476.8 | 4490.2 |
| 42.5° | 3522.4 | 3575.9 | 3603.0 | 3629.7 | 3589.6 | 3690.4 | 3670.2 | 3690.4 | 3683.5 | 3690.4 | 3710.6 |
| 45° | 2594.7 | 2635.1 | 2655.0 | 2661.9 | 2648.5 | 2708.8 | 2755.8 | 2715.7 | 2722.2 | 2708.8 | 2735.9 |
| 47.5° | 1875.4 | 1882.2 | 1868.6 | 1909.0 | 1875.4 | 1902.4 | 1915.8 | 1922.4 | 1882.2 | 1875.4 | 1902.4 |
| 50° | 1283.9 | 1317.5 | 1270.5 | 1290.5 | 1283.9 | 1310.7 | 1297.3 | 1304.1 | 1263.7 | 1283.9 | 1270.5 |
| 52.5° | 853.7 | 846.9 | 833.5 | 840.3 | 826.9 | 826.9 | 826.9 | 840.3 | 813.3 | 799.9 | 786.5 |
| 55° | 517.7 | 504.0 | 477.2 | 470.4 | 470.4 | 477.2 | 463.9 | 450.5 | 450.5 | 443.6 | 443.6 |
| 57.5° | 302.4 | 282.2 | 268.8 | 262.2 | 248.6 | 242.0 | 235.2 | 235.2 | 221.8 | 221.8 | 221.8 |
| 60° | 168.0 | 147.8 | 134.4 | 121.0 | 121.0 | 114.2 | 107.6 | 100.8 | 100.8 | 100.8 | 94.0 |
| 62.5° | 87.4 | 74.0 | 60.4 | 53.8 | 53.8 | 47.0 | 40.4 | 40.4 | 40.4 | 40.4 | 33.6 |
| 65° | 60.4 | 47.0 | 40.4 | 33.6 | 33.6 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| 67.5° | 47.0 | 40.4 | 33.6 | 26.8 | 26.8 | 26.8 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 70° | 40.4 | 26.8 | 26.8 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 72.5° | 26.8 | 26.8 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 75° | 20.2 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| 77.5° | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 6.8 | 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: P684804

CATALOG NUMBER: LX6C120D010 EX61209035 6LCSWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 | 7031.1 |
| 2.5° | 7138.7 | 7131.9 | 7138.7 | 7152.1 | 7125.1 | 7205.9 | 7165.5 | 7205.9 |
| 5° | 7293.3 | 7299.9 | 7306.7 | 7326.9 | 7293.3 | 7394.1 | 7340.3 | 7400.7 |
| 7.5° | 7494.9 | 7501.5 | 7508.3 | 7528.5 | 7508.3 | 7609.1 | 7548.7 | 7602.3 |
| 10° | 7703.4 | 7716.8 | 7716.8 | 7750.4 | 7730.1 | 7824.1 | 7784.0 | 7851.2 |
| 12.5° | 7898.2 | 7911.5 | 7925.2 | 7945.1 | 7931.8 | 8032.6 | 7999.0 | 8052.8 |
| 15° | 8052.8 | 8079.6 | 8086.4 | 8113.2 | 8099.8 | 8207.4 | 8167.0 | 8220.8 |
| 17.5° | 8126.8 | 8153.6 | 8153.6 | 8187.2 | 8173.8 | 8288.0 | 8234.2 | 8294.8 |
| 20° | 8086.4 | 8106.6 | 8113.2 | 8147.0 | 8133.4 | 8247.8 | 8194.0 | 8267.8 |
| 22.5° | 7958.8 | 7965.4 | 7972.2 | 8005.8 | 7999.0 | 8099.8 | 8052.8 | 8099.8 |
| 25° | 7723.3 | 7743.5 | 7737.0 | 7763.7 | 7763.7 | 7844.3 | 7790.5 | 7830.9 |
| 27.5° | 7387.3 | 7407.5 | 7407.5 | 7441.1 | 7414.1 | 7494.9 | 7441.1 | 7501.5 |
| 30° | 6977.3 | 6997.5 | 6984.1 | 7010.9 | 6984.1 | 7064.7 | 7024.3 | 7044.5 |
| 32.5° | 6486.6 | 6486.6 | 6493.2 | 6500.0 | 6486.6 | 6560.4 | 6520.2 | 6560.4 |
| 35° | 5901.8 | 5915.2 | 5922.0 | 5928.8 | 5915.2 | 5969.0 | 5922.0 | 5948.8 |
| 37.5° | 5243.1 | 5276.7 | 5269.9 | 5276.7 | 5256.5 | 5323.7 | 5283.3 | 5296.9 |
| 40° | 4537.2 | 4537.2 | 4530.4 | 4544.1 | 4523.8 | 4577.7 | 4550.6 | 4564.0 |
| 42.5° | 3717.1 | 3737.4 | 3710.6 | 3744.2 | 3690.4 | 3764.1 | 3737.4 | 3717.1 |
| 45° | 2789.7 | 2762.7 | 2755.8 | 2762.7 | 2742.4 | 2749.3 | 2769.5 | 2755.8 |
| 47.5° | 1902.4 | 1902.4 | 1888.8 | 1868.6 | 1895.6 | 1902.4 | 1875.4 | 1875.4 |
| 50° | 1277.1 | 1277.1 | 1263.7 | 1256.9 | 1270.5 | 1263.7 | 1250.3 | 1270.5 |
| 52.5° | 813.3 | 786.5 | 786.5 | 799.9 | 786.5 | 773.1 | 793.3 | 779.7 |
| 55° | 443.6 | 430.3 | 430.3 | 443.6 | 430.3 | 430.3 | 423.4 | 436.8 |
| 57.5° | 215.0 | 221.8 | 215.0 | 215.0 | 215.0 | 215.0 | 208.4 | 215.0 |
| 60° | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 62.5° | 40.4 | 40.4 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 |
| 65° | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| 67.5° | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 26.8 | 20.2 | 20.2 |
| 70° | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 72.5° | 20.2 | 20.2 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| 75° | 13.4 | 13.4 | 13.4 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 |
| 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)