

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: P684705

Luminaire Tested: **LX6C90D010 EX6C909050 6LBLWWH**

Issue Date: 2/15/2022

Test Information

Test Method: LM-79-08
Report Number: P684705
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-10)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C90D010 EX6C909050 6LBLWWH
Description: 6 INCH 9000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 6LRLWW TRIM WITH H FINISH
Light Source: -
Ballast/Driver: -

Summary

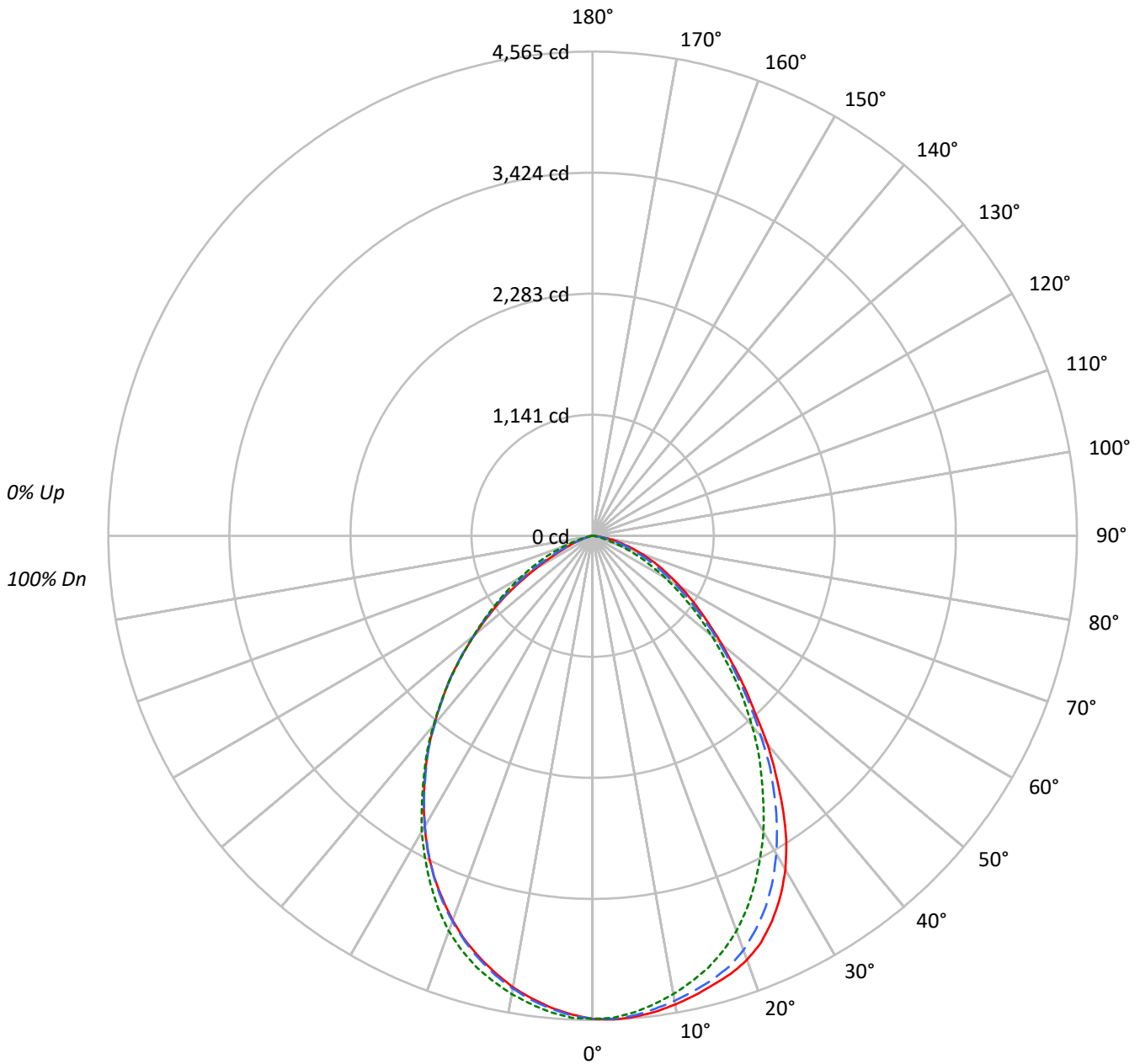
Lumens per Lamp: N/A
Luminaire Lumens: 8284.0 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.08 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 97.1
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: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

Luminous Intensity Polar Plot





TEST NUMBER: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

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 | | | | | | | | |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 | | | | | | | | |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 90 | 85 | 91 | 87 | 83 | 88 | 85 | 81 | 85 | 82 | 80 | 78 | | | | | | | | |
| 3 | 95 | 87 | 80 | 74 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 73 | 70 | 68 | | | | | | | | |
| 4 | 89 | 78 | 71 | 65 | 86 | 77 | 70 | 65 | 75 | 69 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 60 | | | | | | | | |
| 5 | 82 | 71 | 63 | 58 | 80 | 70 | 63 | 57 | 68 | 62 | 57 | 66 | 61 | 56 | 64 | 60 | 56 | 54 | | | | | | | | |
| 6 | 77 | 65 | 57 | 51 | 75 | 64 | 57 | 51 | 62 | 56 | 51 | 61 | 55 | 50 | 59 | 54 | 50 | 48 | | | | | | | | |
| 7 | 71 | 59 | 52 | 46 | 70 | 59 | 51 | 46 | 57 | 51 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 43 | | | | | | | | |
| 8 | 67 | 55 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 46 | 42 | 52 | 46 | 41 | 51 | 45 | 41 | 39 | | | | | | | | |
| 9 | 63 | 51 | 43 | 38 | 62 | 50 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 | | | | | | | | |
| 10 | 59 | 47 | 40 | 35 | 58 | 47 | 40 | 35 | 46 | 39 | 35 | 45 | 39 | 35 | 44 | 38 | 35 | 33 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 249662 | 249662 | 249662 |
| 5° | 250533 | 248260 | 245817 |
| 10° | 249767 | 244228 | 240649 |
| 15° | 248827 | 239184 | 233622 |
| 20° | 248271 | 231306 | 225140 |
| 25° | 242234 | 218898 | 214083 |
| 30° | 230143 | 203886 | 200493 |
| 35° | 208894 | 185638 | 184407 |
| 40° | 183279 | 167063 | 166190 |
| 45° | 157133 | 145976 | 147163 |
| 50° | 135254 | 124422 | 123766 |
| 55° | 118218 | 105048 | 98615 |
| 60° | 103895 | 86101 | 67308 |
| 65° | 90944 | 66726 | 40510 |
| 70° | 77529 | 44895 | 23802 |
| 75° | 62590 | 23341 | 12963 |
| 80° | 43503 | 9187 | 7261 |
| 85° | 17360 | 2893 | 3837 |



TEST NUMBER: P684705

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 426.7 | 5.2 |
| 10°-20° | 1191.6 | 14.4 |
| 20°-30° | 1695.7 | 20.5 |
| 30°-40° | 1784.8 | 21.5 |
| 40°-50° | 1487.4 | 18.0 |
| 50°-60° | 1004.9 | 12.1 |
| 60°-70° | 509.5 | 6.2 |
| 70°-80° | 164.5 | 2.0 |
| 80°-90° | 18.9 | 0.2 |
| 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° | 3314.1 | 40.0 |
| 0°-40° | 5098.9 | 61.6 |
| 0°-60° | 7591.2 | 91.6 |
| 0°-90° | 8284.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 8284.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4554 | 4554 | 4554 | 4554 | 4554 | |
| 5° | 4553 | 4539 | 4511 | 4478 | 4467 | 432 |
| 15° | 4384 | 4337 | 4214 | 4130 | 4116 | 1239 |
| 25° | 4005 | 3859 | 3619 | 3544 | 3539 | 1835 |
| 35° | 3121 | 2987 | 2774 | 2746 | 2756 | 1942 |
| 45° | 2027 | 1975 | 1883 | 1891 | 1898 | 1569 |
| 55° | 1237 | 1177 | 1099 | 1066 | 1032 | 1113 |
| 65° | 701 | 632 | 514 | 372 | 312 | 698 |
| 75° | 296 | 231 | 110 | 60 | 61 | 319 |
| 85° | 28 | 15 | 5 | 6 | 6 | 47 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 |
| 2.5° | 4564.9 | 4564.9 | 4564.9 | 4564.9 | 4564.9 | 4564.9 | 4563.4 | 4563.4 | 4560.4 | 4560.4 | 4558.8 |
| 5° | 4552.7 | 4554.2 | 4554.2 | 4552.7 | 4552.7 | 4549.6 | 4549.6 | 4548.1 | 4543.5 | 4540.5 | 4538.9 |
| 7.5° | 4526.7 | 4526.7 | 4525.1 | 4523.6 | 4522.1 | 4517.5 | 4516.0 | 4511.4 | 4508.3 | 4505.2 | 4499.1 |
| 10° | 4486.9 | 4486.9 | 4485.3 | 4482.3 | 4480.8 | 4477.7 | 4477.7 | 4471.6 | 4465.4 | 4457.8 | 4453.2 |
| 12.5° | 4439.4 | 4440.9 | 4437.9 | 4436.4 | 4431.8 | 4430.2 | 4427.2 | 4419.5 | 4414.9 | 4405.7 | 4398.1 |
| 15° | 4384.3 | 4387.4 | 4387.4 | 4381.2 | 4376.7 | 4375.1 | 4370.5 | 4365.9 | 4355.2 | 4346.0 | 4336.9 |
| 17.5° | 4330.7 | 4333.8 | 4330.7 | 4326.1 | 4321.5 | 4315.4 | 4312.4 | 4303.2 | 4289.4 | 4277.2 | 4263.4 |
| 20° | 4255.7 | 4260.3 | 4254.2 | 4246.5 | 4237.3 | 4235.8 | 4231.2 | 4215.9 | 4196.0 | 4177.6 | 4157.7 |
| 22.5° | 4150.1 | 4147.0 | 4142.4 | 4139.4 | 4124.1 | 4114.9 | 4108.8 | 4088.9 | 4067.4 | 4042.9 | 4018.4 |
| 25° | 4004.7 | 4010.8 | 4001.6 | 3987.8 | 3980.2 | 3971.0 | 3955.7 | 3934.2 | 3914.3 | 3888.3 | 3859.2 |
| 27.5° | 3833.2 | 3833.2 | 3821.0 | 3816.4 | 3799.5 | 3787.3 | 3779.6 | 3758.2 | 3732.2 | 3706.1 | 3674.0 |
| 30° | 3635.7 | 3626.5 | 3626.5 | 3605.1 | 3591.3 | 3586.7 | 3579.1 | 3543.9 | 3520.9 | 3493.4 | 3461.2 |
| 32.5° | 3396.9 | 3395.4 | 3389.3 | 3375.5 | 3357.1 | 3341.8 | 3341.8 | 3317.3 | 3286.7 | 3253.0 | 3233.1 |
| 35° | 3121.4 | 3122.9 | 3119.8 | 3104.5 | 3104.5 | 3086.2 | 3083.1 | 3061.7 | 3037.2 | 3011.2 | 2986.7 |
| 37.5° | 2836.6 | 2842.8 | 2836.6 | 2829.0 | 2824.4 | 2822.9 | 2809.1 | 2793.8 | 2775.4 | 2760.1 | 2741.7 |
| 40° | 2561.1 | 2551.9 | 2555.0 | 2539.7 | 2541.2 | 2538.1 | 2532.0 | 2512.1 | 2501.4 | 2486.1 | 2466.2 |
| 42.5° | 2264.1 | 2273.3 | 2276.4 | 2267.2 | 2264.1 | 2258.0 | 2264.1 | 2256.4 | 2244.2 | 2236.5 | 2218.2 |
| 45° | 2026.8 | 2017.6 | 2022.2 | 2019.2 | 2020.7 | 2008.5 | 2003.9 | 2000.8 | 1996.2 | 1982.4 | 1974.8 |
| 47.5° | 1791.1 | 1792.6 | 1791.1 | 1785.0 | 1781.9 | 1781.9 | 1775.8 | 1766.6 | 1766.6 | 1757.4 | 1751.3 |
| 50° | 1585.9 | 1585.9 | 1589.0 | 1581.4 | 1578.3 | 1572.2 | 1573.7 | 1564.5 | 1558.4 | 1550.7 | 1546.1 |
| 52.5° | 1397.7 | 1399.2 | 1393.1 | 1394.6 | 1391.5 | 1391.5 | 1385.4 | 1379.3 | 1373.2 | 1359.4 | 1356.3 |
| 55° | 1236.9 | 1238.4 | 1230.8 | 1233.9 | 1224.7 | 1220.1 | 1217.0 | 1207.8 | 1207.8 | 1194.1 | 1177.2 |
| 57.5° | 1086.9 | 1085.4 | 1083.8 | 1079.2 | 1073.1 | 1068.5 | 1063.9 | 1053.2 | 1048.6 | 1039.4 | 1025.7 |
| 60° | 947.6 | 946.1 | 943.0 | 941.5 | 936.9 | 926.2 | 926.2 | 918.5 | 903.2 | 894.0 | 880.2 |
| 62.5° | 815.9 | 815.9 | 814.4 | 809.8 | 805.2 | 800.6 | 797.6 | 791.4 | 776.1 | 765.4 | 753.2 |
| 65° | 701.1 | 699.6 | 695.0 | 687.3 | 684.3 | 684.3 | 673.6 | 669.0 | 656.7 | 646.0 | 632.2 |
| 67.5° | 590.9 | 584.8 | 581.7 | 583.2 | 574.1 | 574.1 | 564.9 | 557.2 | 546.5 | 528.1 | 517.4 |
| 70° | 483.7 | 480.7 | 477.6 | 474.6 | 473.0 | 466.9 | 462.3 | 453.1 | 442.4 | 428.6 | 411.8 |
| 72.5° | 387.3 | 387.3 | 382.7 | 379.6 | 375.1 | 368.9 | 365.9 | 358.2 | 346.0 | 330.7 | 318.4 |
| 75° | 295.5 | 295.5 | 295.5 | 289.3 | 286.3 | 283.2 | 274.0 | 269.4 | 255.6 | 246.5 | 231.2 |
| 77.5° | 217.4 | 214.3 | 209.7 | 208.2 | 205.1 | 202.1 | 197.5 | 189.8 | 177.6 | 166.9 | 157.7 |
| 80° | 137.8 | 142.4 | 137.8 | 137.8 | 130.1 | 127.1 | 125.5 | 116.3 | 111.8 | 102.6 | 94.9 |
| 82.5° | 76.5 | 78.1 | 75.0 | 73.5 | 68.9 | 67.4 | 67.4 | 61.2 | 58.2 | 52.0 | 47.5 |
| 85° | 27.6 | 29.1 | 27.6 | 27.6 | 24.5 | 26.0 | 24.5 | 23.0 | 19.9 | 16.8 | 15.3 |
| 87.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 |
| 2.5° | 4558.8 | 4555.8 | 4555.8 | 4554.2 | 4552.7 | 4552.7 | 4552.7 | 4551.2 | 4548.1 | 4548.1 | 4546.6 |
| 5° | 4535.9 | 4532.8 | 4528.2 | 4525.1 | 4523.6 | 4522.1 | 4520.6 | 4519.0 | 4512.9 | 4511.4 | 4506.8 |
| 7.5° | 4494.5 | 4491.5 | 4483.8 | 4480.8 | 4476.2 | 4474.6 | 4468.5 | 4465.4 | 4459.3 | 4453.2 | 4450.1 |
| 10° | 4445.5 | 4437.9 | 4431.8 | 4424.1 | 4421.0 | 4416.5 | 4408.8 | 4399.6 | 4395.0 | 4387.4 | 4381.2 |
| 12.5° | 4390.4 | 4381.2 | 4369.0 | 4359.8 | 4356.8 | 4349.1 | 4336.9 | 4329.2 | 4318.5 | 4306.2 | 4295.5 |
| 15° | 4321.5 | 4310.8 | 4300.1 | 4283.3 | 4278.7 | 4269.5 | 4257.2 | 4241.9 | 4226.6 | 4214.4 | 4202.1 |
| 17.5° | 4246.5 | 4229.7 | 4212.9 | 4194.5 | 4180.7 | 4176.1 | 4156.2 | 4134.8 | 4121.0 | 4099.6 | 4085.8 |
| 20° | 4140.9 | 4117.9 | 4090.4 | 4072.0 | 4059.8 | 4046.0 | 4023.0 | 4000.1 | 3983.2 | 3964.9 | 3945.0 |
| 22.5° | 3995.5 | 3974.0 | 3941.9 | 3914.3 | 3905.2 | 3885.3 | 3865.4 | 3843.9 | 3822.5 | 3802.6 | 3778.1 |
| 25° | 3824.0 | 3801.1 | 3768.9 | 3741.4 | 3726.1 | 3716.9 | 3678.6 | 3657.2 | 3635.7 | 3618.9 | 3602.1 |
| 27.5° | 3648.0 | 3606.6 | 3585.2 | 3542.4 | 3528.6 | 3525.5 | 3490.3 | 3467.3 | 3444.4 | 3421.4 | 3400.0 |
| 30° | 3430.6 | 3398.5 | 3366.3 | 3335.7 | 3317.3 | 3306.6 | 3280.6 | 3251.5 | 3236.2 | 3220.9 | 3199.4 |
| 32.5° | 3205.6 | 3176.5 | 3136.7 | 3107.6 | 3093.8 | 3078.5 | 3055.5 | 3035.6 | 3012.7 | 2995.8 | 2991.2 |
| 35° | 2965.2 | 2933.1 | 2899.4 | 2878.0 | 2874.9 | 2856.5 | 2833.6 | 2816.7 | 2799.9 | 2773.9 | 2769.3 |
| 37.5° | 2708.0 | 2689.7 | 2666.7 | 2636.1 | 2622.3 | 2622.3 | 2599.4 | 2587.1 | 2565.7 | 2564.1 | 2551.9 |
| 40° | 2455.5 | 2447.8 | 2412.6 | 2403.4 | 2400.3 | 2378.9 | 2372.8 | 2351.4 | 2336.1 | 2334.5 | 2316.2 |
| 42.5° | 2205.9 | 2186.0 | 2179.9 | 2164.6 | 2150.8 | 2147.8 | 2134.0 | 2124.8 | 2118.7 | 2109.5 | 2100.3 |
| 45° | 1957.9 | 1953.3 | 1938.0 | 1927.3 | 1922.7 | 1916.6 | 1912.0 | 1893.6 | 1890.6 | 1882.9 | 1878.3 |
| 47.5° | 1743.6 | 1731.4 | 1717.6 | 1705.3 | 1703.8 | 1694.6 | 1683.9 | 1683.9 | 1667.1 | 1665.5 | 1662.5 |
| 50° | 1530.8 | 1521.6 | 1514.0 | 1497.2 | 1500.2 | 1488.0 | 1486.4 | 1472.7 | 1465.0 | 1458.9 | 1466.5 |
| 52.5° | 1344.1 | 1325.7 | 1322.6 | 1308.9 | 1304.3 | 1305.8 | 1289.0 | 1284.4 | 1281.3 | 1275.2 | 1272.1 |
| 55° | 1166.5 | 1157.3 | 1145.1 | 1135.9 | 1128.2 | 1120.6 | 1114.4 | 1114.4 | 1097.6 | 1099.1 | 1091.5 |
| 57.5° | 1010.4 | 1002.7 | 987.4 | 973.6 | 970.5 | 961.4 | 953.7 | 946.1 | 944.5 | 933.8 | 926.2 |
| 60° | 871.0 | 857.3 | 837.4 | 831.2 | 822.1 | 814.4 | 806.7 | 797.6 | 793.0 | 785.3 | 771.5 |
| 62.5° | 740.9 | 718.0 | 710.3 | 698.1 | 687.3 | 682.8 | 670.5 | 659.8 | 652.1 | 641.4 | 630.7 |
| 65° | 616.9 | 600.1 | 586.3 | 572.5 | 571.0 | 558.8 | 548.0 | 538.9 | 523.5 | 514.4 | 494.5 |
| 67.5° | 503.6 | 488.3 | 473.0 | 459.3 | 448.5 | 445.5 | 428.6 | 417.9 | 407.2 | 388.8 | 372.0 |
| 70° | 399.5 | 384.2 | 372.0 | 355.2 | 350.6 | 338.3 | 326.1 | 315.4 | 297.0 | 280.1 | 266.4 |
| 72.5° | 304.6 | 287.8 | 274.0 | 261.8 | 254.1 | 243.4 | 231.2 | 218.9 | 200.5 | 183.7 | 171.5 |
| 75° | 217.4 | 205.1 | 191.4 | 179.1 | 173.0 | 166.9 | 153.1 | 139.3 | 127.1 | 110.2 | 99.5 |
| 77.5° | 147.0 | 134.7 | 122.5 | 111.8 | 104.1 | 99.5 | 90.3 | 79.6 | 68.9 | 59.7 | 52.0 |
| 80° | 85.7 | 78.1 | 68.9 | 59.7 | 58.2 | 53.6 | 45.9 | 39.8 | 33.7 | 29.1 | 23.0 |
| 82.5° | 41.3 | 36.7 | 30.6 | 26.0 | 23.0 | 21.4 | 18.4 | 15.3 | 12.2 | 10.7 | 10.7 |
| 85° | 12.2 | 10.7 | 9.2 | 7.7 | 6.1 | 6.1 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 87.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 |
| 2.5° | 4542.0 | 4540.5 | 4538.9 | 4537.4 | 4534.3 | 4534.3 | 4529.7 | 4526.7 | 4526.7 | 4523.6 | 4522.1 |
| 5° | 4502.2 | 4497.6 | 4496.1 | 4493.0 | 4489.9 | 4488.4 | 4482.3 | 4480.8 | 4477.7 | 4474.6 | 4474.6 |
| 7.5° | 4445.5 | 4439.4 | 4433.3 | 4430.2 | 4428.7 | 4424.1 | 4421.0 | 4419.5 | 4414.9 | 4411.9 | 4405.7 |
| 10° | 4370.5 | 4365.9 | 4358.3 | 4355.2 | 4352.2 | 4349.1 | 4341.4 | 4336.9 | 4335.3 | 4332.3 | 4329.2 |
| 12.5° | 4283.3 | 4277.2 | 4269.5 | 4263.4 | 4260.3 | 4255.7 | 4248.1 | 4243.5 | 4243.5 | 4237.3 | 4237.3 |
| 15° | 4189.9 | 4180.7 | 4166.9 | 4160.8 | 4159.3 | 4150.1 | 4144.0 | 4137.8 | 4130.2 | 4127.1 | 4127.1 |
| 17.5° | 4070.5 | 4055.2 | 4042.9 | 4042.9 | 4036.8 | 4027.6 | 4018.4 | 4013.8 | 4009.3 | 4003.1 | 4000.1 |
| 20° | 3929.7 | 3918.9 | 3905.2 | 3905.2 | 3891.4 | 3888.3 | 3879.1 | 3877.6 | 3866.9 | 3868.4 | 3863.8 |
| 22.5° | 3759.7 | 3753.6 | 3746.0 | 3739.8 | 3732.2 | 3723.0 | 3718.4 | 3719.9 | 3715.3 | 3713.8 | 3712.3 |
| 25° | 3588.3 | 3571.4 | 3562.3 | 3559.2 | 3556.1 | 3548.5 | 3545.4 | 3543.9 | 3543.9 | 3539.3 | 3540.8 |
| 27.5° | 3390.8 | 3378.6 | 3366.3 | 3370.9 | 3364.8 | 3360.2 | 3357.1 | 3352.5 | 3355.6 | 3354.1 | 3355.6 |
| 30° | 3188.7 | 3173.4 | 3165.8 | 3168.8 | 3167.3 | 3155.0 | 3161.2 | 3159.6 | 3161.2 | 3161.2 | 3164.2 |
| 32.5° | 2975.9 | 2965.2 | 2963.7 | 2965.2 | 2951.4 | 2953.0 | 2946.9 | 2956.0 | 2957.6 | 2966.8 | 2959.1 |
| 35° | 2760.1 | 2754.0 | 2743.3 | 2741.7 | 2743.3 | 2741.7 | 2741.7 | 2747.8 | 2746.3 | 2755.5 | 2752.4 |
| 37.5° | 2538.1 | 2535.1 | 2524.3 | 2527.4 | 2521.3 | 2532.0 | 2535.1 | 2532.0 | 2542.7 | 2539.7 | 2538.1 |
| 40° | 2320.7 | 2316.2 | 2310.0 | 2322.3 | 2314.6 | 2308.5 | 2319.2 | 2310.0 | 2313.1 | 2322.3 | 2322.3 |
| 42.5° | 2100.3 | 2092.7 | 2092.7 | 2092.7 | 2091.1 | 2091.1 | 2095.7 | 2100.3 | 2097.2 | 2098.8 | 2111.0 |
| 45° | 1878.3 | 1876.8 | 1872.2 | 1875.3 | 1873.7 | 1881.4 | 1881.4 | 1884.5 | 1890.6 | 1896.7 | 1893.6 |
| 47.5° | 1664.0 | 1661.0 | 1665.5 | 1662.5 | 1664.0 | 1659.4 | 1662.5 | 1671.7 | 1679.3 | 1668.6 | 1679.3 |
| 50° | 1463.5 | 1457.4 | 1455.8 | 1460.4 | 1458.9 | 1457.4 | 1460.4 | 1460.4 | 1457.4 | 1457.4 | 1468.1 |
| 52.5° | 1272.1 | 1266.0 | 1261.4 | 1269.1 | 1264.5 | 1266.0 | 1259.9 | 1259.9 | 1262.9 | 1259.9 | 1255.3 |
| 55° | 1093.0 | 1088.4 | 1082.3 | 1085.4 | 1077.7 | 1076.2 | 1070.1 | 1070.1 | 1065.5 | 1062.4 | 1053.2 |
| 57.5° | 921.6 | 918.5 | 904.7 | 903.2 | 904.7 | 894.0 | 883.3 | 878.7 | 866.5 | 863.4 | 861.9 |
| 60° | 770.0 | 753.2 | 745.5 | 736.3 | 730.2 | 725.6 | 713.4 | 705.7 | 687.3 | 676.6 | 675.1 |
| 62.5° | 612.3 | 604.7 | 595.5 | 581.7 | 578.7 | 563.3 | 551.1 | 531.2 | 522.0 | 508.2 | 494.5 |
| 65° | 485.3 | 465.4 | 451.6 | 443.9 | 431.7 | 417.9 | 404.1 | 382.7 | 372.0 | 355.2 | 341.4 |
| 67.5° | 355.2 | 338.3 | 319.9 | 313.8 | 303.1 | 286.3 | 272.5 | 254.1 | 244.9 | 229.6 | 225.0 |
| 70° | 243.4 | 228.1 | 214.3 | 205.1 | 197.5 | 180.6 | 166.9 | 160.7 | 151.6 | 148.5 | 148.5 |
| 72.5° | 156.1 | 142.4 | 127.1 | 122.5 | 116.3 | 107.2 | 98.0 | 94.9 | 98.0 | 96.4 | 96.4 |
| 75° | 87.3 | 79.6 | 68.9 | 64.3 | 64.3 | 61.2 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 77.5° | 44.4 | 39.8 | 36.7 | 35.2 | 35.2 | 35.2 | 36.7 | 36.7 | 36.7 | 38.3 | 36.7 |
| 80° | 21.4 | 19.9 | 19.9 | 19.9 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 23.0 | 21.4 |
| 82.5° | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| 85° | 4.6 | 4.6 | 4.6 | 4.6 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 87.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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: P684705

CATALOG NUMBER: LX6C90D010 EX6C909050 6LBLWWH

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 | 4554.2 |
| 2.5° | 4520.6 | 4517.5 | 4517.5 | 4516.0 | 4516.0 | 4516.0 | 4516.0 | 4517.5 |
| 5° | 4471.6 | 4470.0 | 4470.0 | 4467.0 | 4467.0 | 4467.0 | 4467.0 | 4467.0 |
| 7.5° | 4405.7 | 4402.7 | 4404.2 | 4401.1 | 4401.1 | 4402.7 | 4401.1 | 4399.6 |
| 10° | 4324.6 | 4323.1 | 4324.6 | 4324.6 | 4321.5 | 4320.0 | 4321.5 | 4323.1 |
| 12.5° | 4232.8 | 4231.2 | 4228.2 | 4229.7 | 4229.7 | 4228.2 | 4226.6 | 4223.6 |
| 15° | 4125.6 | 4124.1 | 4122.5 | 4121.0 | 4119.5 | 4121.0 | 4119.5 | 4116.4 |
| 17.5° | 4000.1 | 4000.1 | 3998.5 | 3997.0 | 3995.5 | 3992.4 | 3993.9 | 3998.5 |
| 20° | 3865.4 | 3863.8 | 3860.8 | 3862.3 | 3856.2 | 3853.1 | 3854.6 | 3859.2 |
| 22.5° | 3710.7 | 3706.1 | 3709.2 | 3704.6 | 3704.6 | 3706.1 | 3704.6 | 3701.6 |
| 25° | 3542.4 | 3536.2 | 3539.3 | 3540.8 | 3540.8 | 3539.3 | 3537.8 | 3539.3 |
| 27.5° | 3355.6 | 3360.2 | 3360.2 | 3357.1 | 3361.7 | 3355.6 | 3358.6 | 3360.2 |
| 30° | 3164.2 | 3159.6 | 3158.1 | 3164.2 | 3173.4 | 3165.8 | 3165.8 | 3167.3 |
| 32.5° | 2966.8 | 2960.6 | 2960.6 | 2963.7 | 2962.2 | 2962.2 | 2968.3 | 2960.6 |
| 35° | 2755.5 | 2758.6 | 2746.3 | 2754.0 | 2757.0 | 2754.0 | 2755.5 | 2755.5 |
| 37.5° | 2542.7 | 2539.7 | 2539.7 | 2539.7 | 2544.2 | 2544.2 | 2547.3 | 2545.8 |
| 40° | 2333.0 | 2326.9 | 2325.3 | 2328.4 | 2322.3 | 2326.9 | 2326.9 | 2322.3 |
| 42.5° | 2106.4 | 2108.0 | 2115.6 | 2108.0 | 2109.5 | 2108.0 | 2104.9 | 2103.4 |
| 45° | 1896.7 | 1901.3 | 1898.2 | 1896.7 | 1898.2 | 1892.1 | 1893.6 | 1898.2 |
| 47.5° | 1674.7 | 1683.9 | 1674.7 | 1680.9 | 1679.3 | 1676.3 | 1673.2 | 1667.1 |
| 50° | 1466.5 | 1469.6 | 1468.1 | 1466.5 | 1465.0 | 1463.5 | 1455.8 | 1451.2 |
| 52.5° | 1253.8 | 1253.8 | 1253.8 | 1253.8 | 1238.4 | 1246.1 | 1243.0 | 1233.9 |
| 55° | 1045.6 | 1050.2 | 1044.0 | 1044.0 | 1033.3 | 1033.3 | 1030.3 | 1031.8 |
| 57.5° | 845.0 | 840.4 | 835.8 | 835.8 | 825.1 | 820.5 | 815.9 | 809.8 |
| 60° | 658.3 | 653.7 | 647.5 | 639.9 | 629.2 | 629.2 | 626.1 | 613.9 |
| 62.5° | 482.2 | 474.6 | 470.0 | 463.8 | 454.7 | 448.5 | 443.9 | 447.0 |
| 65° | 330.7 | 323.0 | 316.9 | 316.9 | 316.9 | 313.8 | 312.3 | 312.3 |
| 67.5° | 217.4 | 222.0 | 218.9 | 222.0 | 222.0 | 218.9 | 217.4 | 220.4 |
| 70° | 150.0 | 150.0 | 148.5 | 148.5 | 148.5 | 148.5 | 147.0 | 148.5 |
| 72.5° | 96.4 | 96.4 | 96.4 | 98.0 | 96.4 | 96.4 | 98.0 | 98.0 |
| 75° | 61.2 | 61.2 | 61.2 | 62.8 | 61.2 | 61.2 | 62.8 | 61.2 |
| 77.5° | 36.7 | 38.3 | 38.3 | 38.3 | 38.3 | 36.7 | 38.3 | 38.3 |
| 80° | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 82.5° | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| 85° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 87.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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)