

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: P#

Luminaire Tested: **LD4C75D010 EX4C759030 4LBSQLWWLI**

Issue Date: 2/18/2022

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P219529)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD4C75D010 EX4C759030 4LBSQLWWLI
Description: 4 INCH 7500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBSQLWW TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

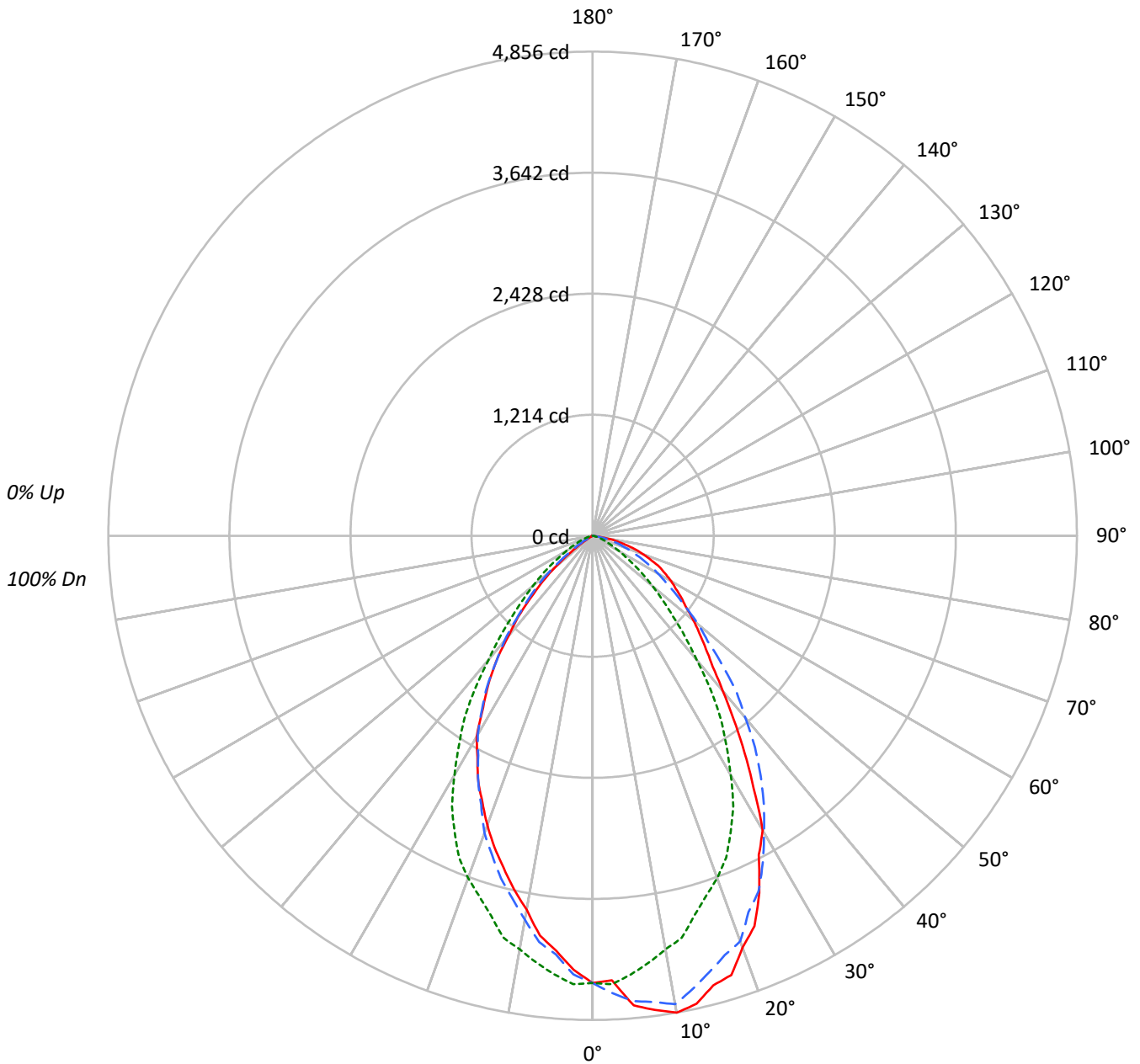
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6429.0 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1 / 1.06
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 81.5
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: P#
CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 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 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | | | | | | | | | | | | | | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 84 | 82 | 80 | | | | | | | | | | | | | | | | | | | |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 | | | | | | | | | | | | | | | | | | | |
| 4 | 91 | 81 | 74 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 64 | | | | | | | | | | | | | | | | | | | |
| 5 | 85 | 75 | 67 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 60 | 68 | 64 | 60 | 58 | | | | | | | | | | | | | | | | | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 54 | 53 | | | | | | | | | | | | | | | | | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 59 | 52 | 47 | 69 | 58 | 51 | 46 | 57 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 46 | 44 | | | | | | | | | | | | | | | | | | | |
| 9 | 66 | 55 | 48 | 43 | 65 | 54 | 47 | 43 | 53 | 47 | 43 | 52 | 46 | 42 | 51 | 46 | 42 | 41 | | | | | | | | | | | | | | | | | | | |
| 10 | 62 | 51 | 44 | 40 | 61 | 51 | 44 | 40 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 38 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 432753 | 432753 | 432753 |
| 5° | 457855 | 427655 | 404738 |
| 10° | 475808 | 412573 | 373039 |
| 15° | 466289 | 393767 | 344340 |
| 20° | 451161 | 374941 | 316967 |
| 25° | 420830 | 348669 | 289134 |
| 30° | 379883 | 308577 | 258852 |
| 35° | 312924 | 264159 | 214745 |
| 40° | 255378 | 203900 | 165281 |
| 45° | 219421 | 154850 | 118880 |
| 50° | 198581 | 117881 | 75085 |
| 55° | 182741 | 85037 | 27151 |
| 60° | 175398 | 58106 | 4149 |
| 65° | 169430 | 39293 | 1256 |
| 70° | 151693 | 27280 | 1552 |
| 75° | 124330 | 14055 | 0 |
| 80° | 77736 | 5946 | 0 |
| 85° | 0 | 0 | 0 |



TEST NUMBER: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 420.2 | 6.5 |
| 10°-20° | 1132.1 | 17.6 |
| 20°-30° | 1511.8 | 23.5 |
| 30°-40° | 1435.1 | 22.3 |
| 40°-50° | 992.0 | 15.4 |
| 50°-60° | 548.1 | 8.5 |
| 60°-70° | 272.2 | 4.2 |
| 70°-80° | 107.2 | 1.7 |
| 80°-90° | 10.2 | 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° | 3064.1 | 47.7 |
| 0°-40° | 4499.3 | 70.0 |
| 0°-60° | 6039.4 | 93.9 |
| 0°-90° | 6429.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6429.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4485 | 4485 | 4485 | 4485 | 4485 | |
| 5° | 4727 | 4684 | 4415 | 4216 | 4179 | 453 |
| 15° | 4668 | 4528 | 3942 | 3555 | 3447 | 1320 |
| 25° | 3953 | 3937 | 3275 | 2716 | 2716 | 1802 |
| 35° | 2657 | 2936 | 2243 | 1845 | 1823 | 1664 |
| 45° | 1608 | 1845 | 1135 | 930 | 871 | 1254 |
| 55° | 1086 | 1022 | 506 | 258 | 161 | 978 |
| 65° | 742 | 538 | 172 | 6 | 6 | 720 |
| 75° | 334 | 204 | 38 | 0 | 0 | 355 |
| 85° | 0 | 6 | 0 | 0 | 0 | 31 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 |
| 2.5° | 4463.5 | 4587.2 | 4597.9 | 4587.2 | 4603.4 | 4597.9 | 4624.9 | 4597.9 | 4630.4 | 4581.9 | 4592.7 |
| 5° | 4727.1 | 4678.6 | 4780.8 | 4727.1 | 4727.1 | 4721.8 | 4705.6 | 4700.1 | 4721.8 | 4651.9 | 4684.1 |
| 7.5° | 4797.1 | 4867.0 | 4958.4 | 4845.5 | 4850.8 | 4850.8 | 4818.5 | 4807.8 | 4807.8 | 4678.6 | 4716.4 |
| 10° | 4856.3 | 4813.1 | 4861.5 | 4818.5 | 4856.3 | 4850.8 | 4872.3 | 4802.3 | 4850.8 | 4775.6 | 4770.1 |
| 12.5° | 4807.8 | 4791.6 | 4856.3 | 4786.3 | 4764.8 | 4770.1 | 4743.3 | 4727.1 | 4743.3 | 4657.2 | 4651.9 |
| 15° | 4667.9 | 4684.1 | 4780.8 | 4705.6 | 4694.9 | 4684.1 | 4651.9 | 4597.9 | 4641.1 | 4522.7 | 4528.2 |
| 17.5° | 4619.7 | 4592.7 | 4608.9 | 4544.2 | 4560.4 | 4549.7 | 4544.2 | 4496.0 | 4485.0 | 4409.8 | 4409.8 |
| 20° | 4393.8 | 4452.8 | 4452.8 | 4409.8 | 4409.8 | 4404.5 | 4334.6 | 4377.6 | 4329.1 | 4307.6 | 4329.1 |
| 22.5° | 4237.7 | 4243.1 | 4243.1 | 4205.4 | 4210.9 | 4189.4 | 4151.7 | 4124.7 | 4151.7 | 4124.7 | 4081.8 |
| 25° | 3952.8 | 3963.6 | 4028.0 | 3958.1 | 3947.3 | 3968.8 | 3936.6 | 3920.4 | 3915.1 | 3850.6 | 3936.6 |
| 27.5° | 3608.5 | 3716.0 | 3710.7 | 3683.8 | 3716.0 | 3673.0 | 3657.0 | 3662.3 | 3678.5 | 3673.0 | 3694.5 |
| 30° | 3409.6 | 3425.7 | 3441.9 | 3420.4 | 3425.7 | 3409.6 | 3409.6 | 3414.9 | 3457.9 | 3441.9 | 3436.4 |
| 32.5° | 3006.2 | 3059.9 | 3103.1 | 3103.1 | 3108.4 | 3124.6 | 3119.1 | 3232.0 | 3259.0 | 3205.3 | 3194.5 |
| 35° | 2656.6 | 2694.3 | 2731.8 | 2737.3 | 2807.3 | 2812.5 | 2818.0 | 2850.3 | 2925.5 | 2941.7 | 2936.2 |
| 37.5° | 2323.3 | 2360.8 | 2371.6 | 2420.0 | 2457.7 | 2495.2 | 2538.4 | 2581.4 | 2645.9 | 2699.6 | 2672.8 |
| 40° | 2027.5 | 2043.5 | 2070.5 | 2092.0 | 2167.2 | 2167.2 | 2188.7 | 2274.9 | 2344.8 | 2387.8 | 2382.3 |
| 42.5° | 1780.1 | 1785.4 | 1806.9 | 1844.6 | 1914.6 | 1898.3 | 1914.6 | 1973.8 | 2075.7 | 2081.2 | 2140.4 |
| 45° | 1608.0 | 1602.5 | 1618.8 | 1624.0 | 1667.2 | 1688.7 | 1699.4 | 1742.4 | 1828.4 | 1839.1 | 1844.6 |
| 47.5° | 1452.1 | 1446.6 | 1473.6 | 1484.3 | 1500.3 | 1521.8 | 1521.8 | 1527.3 | 1559.5 | 1586.5 | 1565.0 |
| 50° | 1322.9 | 1322.9 | 1322.9 | 1333.7 | 1360.7 | 1355.2 | 1360.7 | 1382.1 | 1398.2 | 1387.4 | 1382.1 |
| 52.5° | 1183.0 | 1204.5 | 1220.8 | 1226.2 | 1231.5 | 1231.5 | 1237.0 | 1226.2 | 1220.8 | 1204.5 | 1172.3 |
| 55° | 1086.3 | 1107.8 | 1107.8 | 1107.8 | 1107.8 | 1129.3 | 1102.6 | 1107.8 | 1107.8 | 1064.8 | 1021.9 |
| 57.5° | 989.6 | 1011.1 | 1027.1 | 1005.6 | 1027.1 | 1005.6 | 994.9 | 989.6 | 978.7 | 935.7 | 871.2 |
| 60° | 908.9 | 919.7 | 914.2 | 908.9 | 919.7 | 903.5 | 892.7 | 871.2 | 860.5 | 801.3 | 758.3 |
| 62.5° | 817.5 | 822.8 | 828.2 | 817.5 | 806.7 | 801.3 | 779.8 | 747.5 | 726.0 | 677.6 | 639.9 |
| 65° | 742.1 | 726.0 | 720.6 | 715.3 | 704.6 | 688.3 | 672.3 | 634.6 | 618.4 | 575.4 | 537.7 |
| 67.5° | 629.1 | 623.9 | 634.6 | 618.4 | 591.6 | 591.6 | 575.4 | 543.2 | 505.5 | 478.7 | 441.0 |
| 70° | 537.7 | 532.4 | 521.7 | 505.5 | 500.2 | 478.7 | 478.7 | 441.0 | 430.2 | 381.8 | 349.5 |
| 72.5° | 441.0 | 441.0 | 424.8 | 408.7 | 392.5 | 381.8 | 376.5 | 349.5 | 333.5 | 306.6 | 279.6 |
| 75° | 333.5 | 333.5 | 328.0 | 311.8 | 301.1 | 290.3 | 285.1 | 263.6 | 247.4 | 220.6 | 204.4 |
| 77.5° | 236.6 | 236.6 | 215.1 | 204.4 | 209.6 | 198.9 | 188.1 | 182.9 | 177.4 | 161.4 | 139.9 |
| 80° | 139.9 | 134.4 | 118.4 | 123.7 | 118.4 | 118.4 | 112.9 | 107.5 | 96.7 | 86.0 | 75.2 |
| 82.5° | 37.7 | 43.0 | 43.0 | 43.0 | 48.5 | 37.7 | 37.7 | 37.7 | 43.0 | 43.0 | 27.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 5.5 | 5.5 |
| 87.5° | 5.5 | 10.7 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 16.2 | 16.2 | 16.2 | 10.7 |
| 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: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 |
| 2.5° | 4539.0 | 4533.5 | 4539.0 | 4501.2 | 4587.2 | 4522.7 | 4512.0 | 4501.2 | 4539.0 | 4501.2 | 4447.5 |
| 5° | 4635.7 | 4581.9 | 4565.7 | 4549.7 | 4597.9 | 4522.7 | 4506.7 | 4512.0 | 4485.0 | 4415.3 | 4420.5 |
| 7.5° | 4667.9 | 4619.7 | 4571.2 | 4469.0 | 4512.0 | 4496.0 | 4452.8 | 4420.5 | 4377.6 | 4318.4 | 4307.6 |
| 10° | 4678.6 | 4624.9 | 4555.0 | 4522.7 | 4458.3 | 4436.8 | 4420.5 | 4366.8 | 4313.1 | 4210.9 | 4183.9 |
| 12.5° | 4646.4 | 4581.9 | 4496.0 | 4469.0 | 4420.5 | 4350.6 | 4313.1 | 4259.2 | 4210.9 | 4130.2 | 4071.0 |
| 15° | 4506.7 | 4452.8 | 4426.0 | 4334.6 | 4313.1 | 4269.9 | 4194.7 | 4119.5 | 4049.5 | 3941.9 | 3909.6 |
| 17.5° | 4345.3 | 4323.8 | 4296.9 | 4226.9 | 4221.7 | 4178.7 | 4108.7 | 4044.0 | 3952.8 | 3785.9 | 3732.2 |
| 20° | 4178.7 | 4178.7 | 4092.5 | 4065.7 | 4119.5 | 4033.3 | 3979.6 | 3920.4 | 3732.2 | 3651.5 | 3554.8 |
| 22.5° | 4055.0 | 3995.8 | 3947.3 | 3904.3 | 3909.6 | 3855.9 | 3780.7 | 3662.3 | 3592.3 | 3495.6 | 3382.7 |
| 25° | 3812.9 | 3834.4 | 3726.9 | 3710.7 | 3726.9 | 3603.1 | 3565.6 | 3468.6 | 3366.4 | 3275.0 | 3189.0 |
| 27.5° | 3662.3 | 3603.1 | 3533.3 | 3474.1 | 3474.1 | 3425.7 | 3318.2 | 3296.7 | 3140.6 | 3054.6 | 2947.0 |
| 30° | 3436.4 | 3393.4 | 3334.2 | 3248.3 | 3237.5 | 3199.8 | 3113.8 | 3059.9 | 2898.7 | 2769.6 | 2710.4 |
| 32.5° | 3151.3 | 3135.3 | 3086.9 | 2990.2 | 2957.9 | 2914.7 | 2807.3 | 2715.8 | 2640.6 | 2495.2 | 2425.5 |
| 35° | 2947.0 | 2888.0 | 2785.8 | 2705.1 | 2678.1 | 2602.9 | 2516.7 | 2452.3 | 2371.6 | 2242.6 | 2151.2 |
| 37.5° | 2640.6 | 2581.4 | 2484.5 | 2387.8 | 2387.8 | 2312.6 | 2194.2 | 2129.7 | 2016.8 | 1941.3 | 1866.1 |
| 40° | 2371.6 | 2296.3 | 2199.6 | 2086.7 | 2070.5 | 1962.8 | 1914.6 | 1806.9 | 1737.0 | 1618.8 | 1608.0 |
| 42.5° | 2070.5 | 2000.5 | 1914.6 | 1828.4 | 1763.9 | 1710.2 | 1586.5 | 1505.8 | 1430.6 | 1371.4 | 1355.2 |
| 45° | 1796.2 | 1704.7 | 1629.5 | 1521.8 | 1457.4 | 1392.9 | 1312.2 | 1258.5 | 1199.3 | 1134.8 | 1097.1 |
| 47.5° | 1559.5 | 1484.3 | 1376.7 | 1280.0 | 1215.5 | 1183.0 | 1091.6 | 1032.6 | 984.1 | 941.2 | 914.2 |
| 50° | 1317.7 | 1226.2 | 1167.0 | 1059.4 | 1048.6 | 973.4 | 898.2 | 849.7 | 822.8 | 785.3 | 747.5 |
| 52.5° | 1134.8 | 1048.6 | 967.9 | 887.4 | 844.2 | 817.5 | 747.5 | 699.1 | 661.6 | 634.6 | 613.1 |
| 55° | 957.2 | 882.0 | 817.5 | 736.8 | 709.8 | 672.3 | 591.6 | 580.9 | 543.2 | 505.5 | 478.7 |
| 57.5° | 822.8 | 752.8 | 677.6 | 623.9 | 575.4 | 548.6 | 484.0 | 441.0 | 419.5 | 387.3 | 360.3 |
| 60° | 699.1 | 623.9 | 564.7 | 500.2 | 478.7 | 441.0 | 392.5 | 355.0 | 328.0 | 301.1 | 274.3 |
| 62.5° | 586.1 | 521.7 | 457.2 | 403.3 | 371.0 | 349.5 | 311.8 | 279.6 | 252.8 | 231.3 | 209.6 |
| 65° | 484.0 | 424.8 | 371.0 | 317.3 | 301.1 | 274.3 | 247.4 | 220.6 | 198.9 | 172.1 | 150.6 |
| 67.5° | 398.0 | 344.3 | 290.3 | 252.8 | 236.6 | 225.9 | 193.6 | 166.7 | 150.6 | 134.4 | 112.9 |
| 70° | 311.8 | 274.3 | 231.3 | 198.9 | 182.9 | 166.7 | 145.2 | 129.2 | 107.5 | 96.7 | 80.7 |
| 72.5° | 242.1 | 209.6 | 172.1 | 145.2 | 134.4 | 123.7 | 102.2 | 86.0 | 75.2 | 64.5 | 53.7 |
| 75° | 172.1 | 145.2 | 123.7 | 96.7 | 91.4 | 86.0 | 70.0 | 59.2 | 48.5 | 37.7 | 32.2 |
| 77.5° | 118.4 | 96.7 | 75.2 | 64.5 | 59.2 | 48.5 | 43.0 | 32.2 | 27.0 | 21.5 | 16.2 |
| 80° | 64.5 | 48.5 | 37.7 | 32.2 | 27.0 | 21.5 | 21.5 | 16.2 | 10.7 | 10.7 | 5.5 |
| 82.5° | 21.5 | 16.2 | 10.7 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 0.0 | 5.5 |
| 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° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 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: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 |
| 2.5° | 4479.8 | 4420.5 | 4436.8 | 4436.8 | 4426.0 | 4426.0 | 4415.3 | 4399.1 | 4404.5 | 4372.1 | 4302.3 |
| 5° | 4431.3 | 4356.1 | 4345.3 | 4356.1 | 4313.1 | 4302.3 | 4280.9 | 4313.1 | 4216.2 | 4253.9 | 4210.9 |
| 7.5° | 4291.6 | 4221.7 | 4205.4 | 4243.1 | 4189.4 | 4157.0 | 4151.7 | 4194.7 | 4108.7 | 4065.7 | 4017.3 |
| 10° | 4135.5 | 4108.7 | 4060.3 | 4033.3 | 4017.3 | 4022.5 | 3979.6 | 3925.8 | 3909.6 | 3898.9 | 3855.9 |
| 12.5° | 3995.8 | 3936.6 | 3893.6 | 3861.4 | 3850.6 | 3850.6 | 3780.7 | 3769.9 | 3721.5 | 3710.7 | 3646.2 |
| 15° | 3828.9 | 3759.2 | 3732.2 | 3689.2 | 3651.5 | 3673.0 | 3592.3 | 3570.8 | 3554.8 | 3484.9 | 3495.6 |
| 17.5° | 3683.8 | 3608.5 | 3544.1 | 3517.1 | 3484.9 | 3452.6 | 3377.2 | 3393.4 | 3355.7 | 3355.7 | 3259.0 |
| 20° | 3495.6 | 3414.9 | 3366.4 | 3312.7 | 3312.7 | 3269.7 | 3216.0 | 3221.3 | 3172.8 | 3124.6 | 3038.4 |
| 22.5° | 3296.7 | 3210.5 | 3151.3 | 3129.8 | 3076.1 | 3065.4 | 3000.9 | 2984.7 | 2920.2 | 2925.5 | 2850.3 |
| 25° | 3086.9 | 3000.9 | 2920.2 | 2925.5 | 2877.2 | 2855.7 | 2818.0 | 2742.8 | 2715.8 | 2683.6 | 2662.1 |
| 27.5° | 2839.5 | 2780.3 | 2710.4 | 2705.1 | 2613.6 | 2618.9 | 2570.7 | 2549.2 | 2484.5 | 2500.7 | 2452.3 |
| 30° | 2613.6 | 2527.7 | 2463.0 | 2447.0 | 2409.3 | 2398.5 | 2323.3 | 2290.9 | 2301.8 | 2258.6 | 2231.9 |
| 32.5° | 2382.3 | 2253.4 | 2226.4 | 2194.2 | 2172.7 | 2145.7 | 2092.0 | 2113.5 | 2065.0 | 2075.7 | 2032.8 |
| 35° | 2075.7 | 2022.0 | 1952.1 | 1952.1 | 1930.6 | 1909.1 | 1871.6 | 1893.1 | 1844.6 | 1823.1 | 1780.1 |
| 37.5° | 1817.6 | 1769.4 | 1699.4 | 1720.9 | 1683.2 | 1651.0 | 1618.8 | 1624.0 | 1581.0 | 1575.8 | 1532.6 |
| 40° | 1538.1 | 1511.1 | 1462.8 | 1462.8 | 1435.9 | 1435.9 | 1419.6 | 1403.6 | 1376.7 | 1344.4 | 1296.0 |
| 42.5° | 1274.5 | 1253.0 | 1231.5 | 1237.0 | 1199.3 | 1231.5 | 1188.5 | 1215.5 | 1129.3 | 1124.0 | 1091.6 |
| 45° | 1080.9 | 1032.6 | 1037.9 | 1016.4 | 994.9 | 1005.6 | 967.9 | 978.7 | 930.4 | 919.7 | 887.4 |
| 47.5° | 876.7 | 860.5 | 828.2 | 817.5 | 817.5 | 801.3 | 785.3 | 779.8 | 758.3 | 731.3 | 688.3 |
| 50° | 720.6 | 661.6 | 650.6 | 634.6 | 623.9 | 623.9 | 602.4 | 570.1 | 575.4 | 548.6 | 505.5 |
| 52.5° | 564.7 | 516.2 | 494.7 | 489.4 | 467.9 | 457.2 | 430.2 | 408.7 | 392.5 | 381.8 | 355.0 |
| 55° | 435.5 | 392.5 | 365.8 | 365.8 | 333.5 | 333.5 | 295.8 | 279.6 | 258.1 | 236.6 | 220.6 |
| 57.5° | 328.0 | 306.6 | 279.6 | 258.1 | 247.4 | 220.6 | 198.9 | 172.1 | 155.9 | 123.7 | 102.2 |
| 60° | 247.4 | 225.9 | 198.9 | 182.9 | 172.1 | 145.2 | 118.4 | 96.7 | 59.2 | 48.5 | 43.0 |
| 62.5° | 182.9 | 161.4 | 134.4 | 123.7 | 112.9 | 91.4 | 64.5 | 32.2 | 16.2 | 16.2 | 16.2 |
| 65° | 134.4 | 107.5 | 86.0 | 75.2 | 64.5 | 48.5 | 21.5 | 10.7 | 5.5 | 5.5 | 5.5 |
| 67.5° | 91.4 | 70.0 | 48.5 | 43.0 | 32.2 | 16.2 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 70° | 59.2 | 43.0 | 21.5 | 16.2 | 10.7 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 72.5° | 37.7 | 21.5 | 10.7 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 21.5 | 10.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 10.7 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 5.5 | 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 | 5.5 | 5.5 | 5.5 |
| 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: P#

CATALOG NUMBER: LD4C75D010 EX4C759030 4LBSQLWWLI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 | 4485.0 |
| 2.5° | 4377.6 | 4339.9 | 4361.3 | 4313.1 | 4334.6 | 4372.1 | 4345.3 | 4356.1 |
| 5° | 4226.9 | 4205.4 | 4178.7 | 4108.7 | 4162.4 | 4205.4 | 4183.9 | 4178.7 |
| 7.5° | 4065.7 | 3990.3 | 4028.0 | 4006.5 | 3995.8 | 4038.8 | 3990.3 | 4044.0 |
| 10° | 3898.9 | 3845.1 | 3839.9 | 3802.2 | 3802.2 | 3834.4 | 3839.9 | 3807.4 |
| 12.5° | 3651.5 | 3624.8 | 3624.8 | 3619.3 | 3613.8 | 3646.2 | 3651.5 | 3635.5 |
| 15° | 3474.1 | 3463.4 | 3436.4 | 3431.1 | 3398.9 | 3447.1 | 3452.6 | 3447.1 |
| 17.5° | 3259.0 | 3264.3 | 3237.5 | 3237.5 | 3259.0 | 3275.0 | 3232.0 | 3275.0 |
| 20° | 3113.8 | 3086.9 | 3076.1 | 3027.7 | 3054.6 | 3081.6 | 3081.6 | 3086.9 |
| 22.5° | 2904.0 | 2861.0 | 2877.2 | 2850.3 | 2834.0 | 2871.7 | 2871.7 | 2888.0 |
| 25° | 2667.4 | 2667.4 | 2678.1 | 2662.1 | 2672.8 | 2694.3 | 2678.1 | 2715.8 |
| 27.5° | 2441.5 | 2463.0 | 2463.0 | 2441.5 | 2452.3 | 2516.7 | 2543.7 | 2500.7 |
| 30° | 2231.9 | 2237.1 | 2253.4 | 2242.6 | 2274.9 | 2296.3 | 2290.9 | 2323.3 |
| 32.5° | 1995.3 | 2022.0 | 2032.8 | 2016.8 | 2027.5 | 2075.7 | 2049.0 | 2043.5 |
| 35° | 1812.4 | 1763.9 | 1758.7 | 1763.9 | 1785.4 | 1796.2 | 1785.4 | 1823.1 |
| 37.5° | 1548.8 | 1532.6 | 1511.1 | 1516.6 | 1532.6 | 1554.3 | 1565.0 | 1591.8 |
| 40° | 1296.0 | 1274.5 | 1274.5 | 1269.2 | 1253.0 | 1312.2 | 1312.2 | 1312.2 |
| 42.5° | 1075.6 | 1070.1 | 1043.4 | 1043.4 | 1064.8 | 1080.9 | 1070.1 | 1107.8 |
| 45° | 882.0 | 860.5 | 844.2 | 844.2 | 860.5 | 860.5 | 876.7 | 871.2 |
| 47.5° | 693.8 | 672.3 | 677.6 | 661.6 | 677.6 | 699.1 | 672.3 | 677.6 |
| 50° | 521.7 | 521.7 | 510.9 | 521.7 | 516.2 | 521.7 | 510.9 | 500.2 |
| 52.5° | 355.0 | 403.3 | 408.7 | 387.3 | 338.8 | 295.8 | 268.8 | 290.3 |
| 55° | 204.4 | 182.9 | 182.9 | 177.4 | 166.7 | 161.4 | 145.2 | 161.4 |
| 57.5° | 102.2 | 91.4 | 91.4 | 91.4 | 86.0 | 80.7 | 70.0 | 70.0 |
| 60° | 43.0 | 37.7 | 37.7 | 32.2 | 27.0 | 21.5 | 16.2 | 21.5 |
| 62.5° | 16.2 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| 65° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 67.5° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 70° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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)