

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P252207

Luminaire Tested: **LE_6B60D010R EC6B60708030 6LBSW1LI**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252207
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-1)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B60D010R EC6B60708030 6LBSW1LI
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9502.5 lumens
Efficiency: N/A
Efficacy: 152.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.29 / 1.21
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

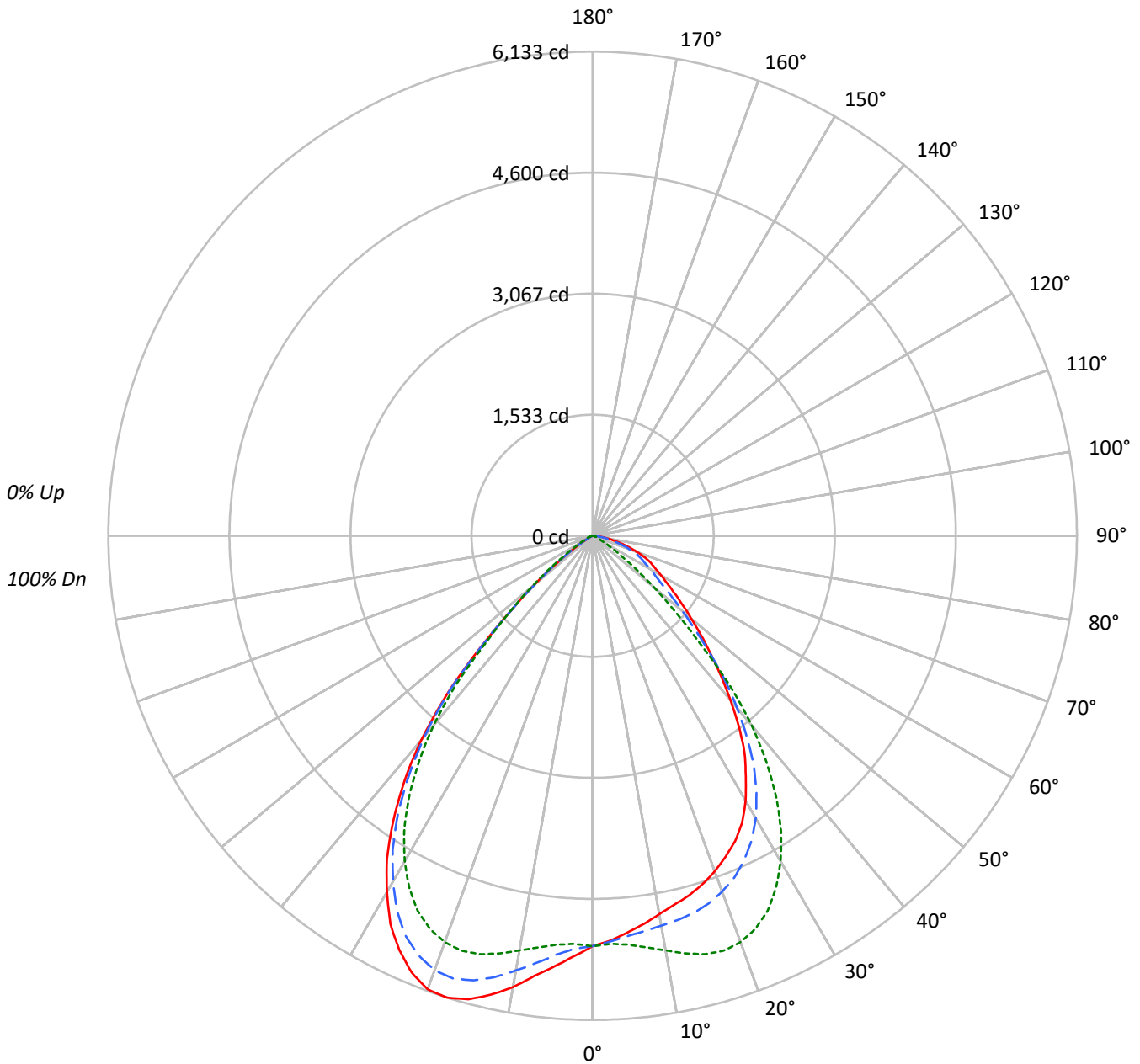
Input Watts (W): 62.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252207

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Luminous Intensity Polar Plot





TEST NUMBER: P252207

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 339160 | 339160 | 339160 |
| 5° | 330363 | 340455 | 358360 |
| 10° | 322332 | 353282 | 384564 |
| 15° | 318562 | 370597 | 410534 |
| 20° | 314007 | 380248 | 424418 |
| 25° | 307319 | 377447 | 416794 |
| 30° | 292037 | 358677 | 392374 |
| 35° | 267190 | 323395 | 350315 |
| 40° | 231105 | 267088 | 287400 |
| 45° | 194880 | 175164 | 188016 |
| 50° | 165449 | 101395 | 95346 |
| 55° | 143590 | 48614 | 36739 |
| 60° | 129698 | 22704 | 9081 |
| 65° | 125829 | 13044 | 3072 |
| 70° | 112810 | 10415 | 2842 |
| 75° | 92712 | 7537 | 1260 |
| 80° | 69092 | 3757 | 0 |
| 85° | 59510 | 0 | 0 |



TEST NUMBER: P252207

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 502.1 | 5.3 |
| 10°-20° | 1530.3 | 16.1 |
| 20°-30° | 2338.2 | 24.6 |
| 30°-40° | 2445.6 | 25.7 |
| 40°-50° | 1586.4 | 16.7 |
| 50°-60° | 629.9 | 6.6 |
| 60°-70° | 298.8 | 3.1 |
| 70°-80° | 142.1 | 1.5 |
| 80°-90° | 29.0 | 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° | 4370.7 | 46.0 |
| 0°-40° | 6816.2 | 71.7 |
| 0°-60° | 9032.6 | 95.1 |
| 0°-90° | 9502.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 9502.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 5199 | 5199 | 5199 | 5199 | 5199 | |
| 5° | 5044 | 5089 | 5199 | 5328 | 5472 | 476 |
| 15° | 4716 | 4945 | 5487 | 5830 | 6078 | 1329 |
| 25° | 4269 | 4538 | 5243 | 5596 | 5790 | 1955 |
| 35° | 3355 | 3558 | 4060 | 4299 | 4398 | 2075 |
| 45° | 2112 | 2092 | 1898 | 2013 | 2038 | 1644 |
| 55° | 1262 | 1074 | 427 | 333 | 323 | 1144 |
| 65° | 815 | 676 | 84 | 20 | 20 | 796 |
| 75° | 368 | 298 | 30 | 10 | 5 | 397 |
| 85° | 80 | 50 | 0 | 0 | 0 | 93 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 |
| 2.5° | 5134.0 | 5144.0 | 5089.2 | 5074.4 | 5114.1 | 5129.0 | 5134.0 | 5119.1 | 5124.1 | 5144.0 | 5144.0 |
| 5° | 5044.5 | 5054.5 | 5004.8 | 4989.9 | 5029.6 | 5039.6 | 5054.5 | 5049.5 | 5064.4 | 5094.2 | 5089.2 |
| 7.5° | 4960.0 | 4975.0 | 4920.2 | 4900.4 | 4950.1 | 4975.0 | 4984.9 | 4984.9 | 5004.8 | 5044.5 | 5049.5 |
| 10° | 4865.6 | 4885.5 | 4835.8 | 4825.9 | 4880.5 | 4905.4 | 4910.4 | 4920.2 | 4950.1 | 5004.8 | 5014.8 |
| 12.5° | 4786.1 | 4806.0 | 4771.2 | 4756.2 | 4815.9 | 4840.8 | 4850.8 | 4870.6 | 4905.4 | 4975.0 | 4984.9 |
| 15° | 4716.5 | 4731.5 | 4691.6 | 4681.8 | 4741.4 | 4771.2 | 4776.1 | 4806.0 | 4850.8 | 4930.2 | 4945.1 |
| 17.5° | 4627.1 | 4637.0 | 4607.2 | 4597.2 | 4656.9 | 4686.8 | 4691.6 | 4726.5 | 4781.1 | 4860.6 | 4885.5 |
| 20° | 4522.8 | 4532.6 | 4502.9 | 4492.9 | 4552.5 | 4587.2 | 4592.2 | 4622.1 | 4686.8 | 4771.2 | 4796.0 |
| 22.5° | 4398.5 | 4418.4 | 4383.5 | 4373.6 | 4433.2 | 4463.0 | 4478.0 | 4502.9 | 4567.4 | 4651.9 | 4686.8 |
| 25° | 4269.2 | 4269.2 | 4244.4 | 4239.4 | 4294.1 | 4328.9 | 4323.9 | 4358.8 | 4423.2 | 4507.8 | 4537.6 |
| 27.5° | 4100.2 | 4095.2 | 4070.4 | 4065.5 | 4125.1 | 4154.9 | 4145.0 | 4179.8 | 4239.4 | 4323.9 | 4353.8 |
| 30° | 3876.6 | 3886.5 | 3851.8 | 3841.8 | 3891.5 | 3941.2 | 3936.2 | 3971.0 | 4030.6 | 4110.2 | 4130.1 |
| 32.5° | 3608.2 | 3618.1 | 3613.2 | 3598.2 | 3643.0 | 3667.9 | 3682.8 | 3707.6 | 3757.4 | 3841.8 | 3861.8 |
| 35° | 3354.8 | 3339.9 | 3320.0 | 3320.0 | 3364.8 | 3404.5 | 3389.5 | 3419.4 | 3469.0 | 3553.5 | 3558.5 |
| 37.5° | 3041.6 | 3036.6 | 3026.8 | 3016.8 | 3066.5 | 3076.4 | 3081.4 | 3101.2 | 3146.0 | 3215.6 | 3205.6 |
| 40° | 2713.6 | 2718.6 | 2713.6 | 2693.8 | 2723.5 | 2763.4 | 2758.4 | 2768.2 | 2808.0 | 2857.8 | 2842.9 |
| 42.5° | 2405.5 | 2405.5 | 2405.5 | 2385.6 | 2420.4 | 2440.2 | 2450.2 | 2445.2 | 2455.1 | 2499.9 | 2480.0 |
| 45° | 2112.2 | 2117.2 | 2112.2 | 2107.2 | 2112.2 | 2122.2 | 2112.2 | 2107.2 | 2107.2 | 2122.2 | 2092.4 |
| 47.5° | 1858.8 | 1858.8 | 1843.9 | 1829.0 | 1843.9 | 1848.9 | 1833.9 | 1819.0 | 1814.0 | 1809.1 | 1759.4 |
| 50° | 1630.1 | 1625.2 | 1620.2 | 1595.4 | 1610.2 | 1615.2 | 1595.4 | 1585.4 | 1565.5 | 1540.8 | 1481.0 |
| 52.5° | 1431.4 | 1426.4 | 1421.4 | 1396.6 | 1406.5 | 1411.5 | 1391.6 | 1371.8 | 1346.9 | 1327.0 | 1252.5 |
| 55° | 1262.4 | 1257.4 | 1257.4 | 1242.5 | 1232.5 | 1242.5 | 1222.6 | 1207.8 | 1172.9 | 1148.1 | 1073.5 |
| 57.5° | 1118.2 | 1118.2 | 1108.2 | 1093.4 | 1098.4 | 1098.4 | 1078.5 | 1058.6 | 1028.8 | 999.0 | 939.4 |
| 60° | 994.0 | 994.0 | 994.0 | 979.1 | 979.1 | 979.1 | 969.1 | 949.2 | 924.4 | 894.6 | 835.0 |
| 62.5° | 894.6 | 894.6 | 889.6 | 874.8 | 879.8 | 879.8 | 869.8 | 849.9 | 825.0 | 805.1 | 745.5 |
| 65° | 815.1 | 815.1 | 815.1 | 800.1 | 800.1 | 805.1 | 795.2 | 775.4 | 755.5 | 730.6 | 675.9 |
| 67.5° | 715.6 | 710.8 | 710.8 | 700.8 | 705.8 | 710.8 | 700.8 | 685.9 | 661.0 | 646.1 | 596.4 |
| 70° | 591.4 | 596.4 | 601.4 | 586.5 | 591.4 | 591.4 | 586.5 | 571.5 | 556.6 | 541.8 | 497.0 |
| 72.5° | 482.1 | 482.1 | 477.1 | 472.1 | 472.1 | 477.1 | 467.1 | 452.2 | 442.4 | 432.4 | 397.6 |
| 75° | 367.8 | 362.8 | 367.8 | 357.9 | 357.9 | 357.9 | 347.9 | 342.9 | 338.0 | 323.0 | 298.2 |
| 77.5° | 268.4 | 263.4 | 263.4 | 253.5 | 258.5 | 258.5 | 253.5 | 243.5 | 233.6 | 228.6 | 208.8 |
| 80° | 183.9 | 183.9 | 183.9 | 178.9 | 178.9 | 174.0 | 174.0 | 169.0 | 159.0 | 154.1 | 144.1 |
| 82.5° | 124.2 | 124.2 | 124.2 | 119.2 | 119.2 | 119.2 | 114.2 | 109.4 | 104.4 | 99.4 | 89.5 |
| 85° | 79.5 | 79.5 | 79.5 | 74.5 | 74.5 | 74.5 | 69.6 | 69.6 | 64.6 | 59.6 | 49.8 |
| 87.5° | 44.8 | 44.8 | 44.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 34.8 | 29.9 | 24.9 |
| 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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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 |
| 2.5° | 5178.8 | 5109.1 | 5153.9 | 5153.9 | 5139.0 | 5178.8 | 5203.6 | 5223.5 | 5218.5 | 5173.8 | 5168.8 |
| 5° | 5139.0 | 5079.4 | 5129.0 | 5134.0 | 5119.1 | 5173.8 | 5208.5 | 5233.4 | 5238.4 | 5198.6 | 5203.6 |
| 7.5° | 5109.1 | 5059.5 | 5124.1 | 5144.0 | 5139.0 | 5188.6 | 5228.4 | 5268.2 | 5288.1 | 5258.2 | 5263.2 |
| 10° | 5094.2 | 5054.5 | 5124.1 | 5153.9 | 5158.9 | 5213.5 | 5273.1 | 5327.9 | 5352.6 | 5332.8 | 5347.8 |
| 12.5° | 5074.4 | 5049.5 | 5129.0 | 5173.8 | 5193.6 | 5248.4 | 5322.9 | 5387.5 | 5427.2 | 5417.2 | 5447.1 |
| 15° | 5054.5 | 5034.6 | 5129.0 | 5193.6 | 5218.5 | 5268.2 | 5352.6 | 5447.1 | 5491.9 | 5486.9 | 5526.6 |
| 17.5° | 5004.8 | 4999.9 | 5099.2 | 5168.8 | 5203.6 | 5263.2 | 5342.8 | 5457.0 | 5501.8 | 5511.8 | 5561.4 |
| 20° | 4925.2 | 4925.2 | 5034.6 | 5109.1 | 5148.9 | 5203.6 | 5303.0 | 5412.4 | 5467.0 | 5476.9 | 5531.6 |
| 22.5° | 4815.9 | 4825.9 | 4930.2 | 5004.8 | 5064.4 | 5104.1 | 5208.5 | 5322.9 | 5372.6 | 5387.5 | 5447.1 |
| 25° | 4671.8 | 4681.8 | 4781.1 | 4855.8 | 4920.2 | 4965.0 | 5064.4 | 5168.8 | 5228.4 | 5243.4 | 5288.1 |
| 27.5° | 4483.0 | 4502.9 | 4597.2 | 4671.8 | 4726.5 | 4756.2 | 4860.6 | 4970.0 | 5014.8 | 5029.6 | 5074.4 |
| 30° | 4264.2 | 4269.2 | 4363.6 | 4428.2 | 4483.0 | 4507.8 | 4597.2 | 4711.5 | 4746.4 | 4761.2 | 4825.9 |
| 32.5° | 3995.9 | 3990.9 | 4080.4 | 4140.0 | 4184.8 | 4214.5 | 4309.0 | 4383.5 | 4418.4 | 4443.1 | 4478.0 |
| 35° | 3672.9 | 3667.9 | 3732.5 | 3802.0 | 3836.9 | 3846.8 | 3941.2 | 4020.8 | 4040.6 | 4060.5 | 4105.2 |
| 37.5° | 3310.0 | 3310.0 | 3364.8 | 3399.5 | 3439.2 | 3454.1 | 3498.9 | 3588.4 | 3623.1 | 3618.1 | 3653.0 |
| 40° | 2927.4 | 2907.5 | 2947.2 | 2982.0 | 2992.0 | 2996.9 | 3041.6 | 3111.2 | 3136.1 | 3136.1 | 3160.9 |
| 42.5° | 2524.8 | 2495.0 | 2499.9 | 2519.8 | 2529.8 | 2495.0 | 2524.8 | 2569.5 | 2554.6 | 2574.5 | 2579.4 |
| 45° | 2097.4 | 2052.6 | 2032.8 | 1988.0 | 1998.0 | 1963.1 | 1943.2 | 1953.2 | 1948.2 | 1898.5 | 1908.5 |
| 47.5° | 1749.5 | 1669.9 | 1635.1 | 1570.5 | 1555.6 | 1515.9 | 1491.0 | 1446.2 | 1406.5 | 1406.5 | 1381.6 |
| 50° | 1456.2 | 1376.8 | 1307.1 | 1232.5 | 1207.8 | 1172.9 | 1118.2 | 1058.6 | 1028.8 | 999.0 | 974.1 |
| 52.5° | 1222.6 | 1138.1 | 1053.6 | 974.1 | 939.4 | 894.6 | 820.0 | 760.4 | 705.8 | 675.9 | 646.1 |
| 55° | 1033.8 | 939.4 | 849.9 | 765.4 | 720.6 | 675.9 | 601.4 | 531.8 | 467.1 | 427.4 | 402.6 |
| 57.5° | 889.6 | 800.1 | 705.8 | 616.2 | 576.5 | 526.9 | 447.2 | 372.8 | 313.1 | 268.4 | 243.5 |
| 60° | 785.2 | 695.8 | 611.2 | 516.9 | 477.1 | 427.4 | 342.9 | 273.4 | 213.8 | 174.0 | 144.1 |
| 62.5° | 695.8 | 616.2 | 526.9 | 442.4 | 402.6 | 352.9 | 273.4 | 203.8 | 149.1 | 109.4 | 84.5 |
| 65° | 631.2 | 551.6 | 477.1 | 392.6 | 357.9 | 308.1 | 233.6 | 169.0 | 119.2 | 84.5 | 59.6 |
| 67.5° | 556.6 | 487.0 | 412.5 | 342.9 | 308.1 | 268.4 | 198.8 | 144.1 | 99.4 | 69.6 | 49.8 |
| 70° | 467.1 | 412.5 | 347.9 | 283.2 | 258.5 | 223.6 | 164.0 | 119.2 | 79.5 | 54.6 | 39.8 |
| 72.5° | 372.8 | 328.0 | 278.4 | 228.6 | 208.8 | 174.0 | 134.2 | 94.4 | 59.6 | 39.8 | 29.9 |
| 75° | 283.2 | 248.5 | 208.8 | 174.0 | 154.1 | 134.2 | 99.4 | 69.6 | 44.8 | 29.9 | 19.9 |
| 77.5° | 193.9 | 178.9 | 149.1 | 119.2 | 109.4 | 94.4 | 64.6 | 44.8 | 29.9 | 19.9 | 10.0 |
| 80° | 134.2 | 119.2 | 99.4 | 79.5 | 69.6 | 59.6 | 39.8 | 29.9 | 14.9 | 10.0 | 5.0 |
| 82.5° | 84.5 | 69.6 | 59.6 | 49.8 | 44.8 | 34.8 | 24.9 | 14.9 | 10.0 | 5.0 | 5.0 |
| 85° | 44.8 | 39.8 | 34.8 | 24.9 | 24.9 | 19.9 | 14.9 | 10.0 | 5.0 | 0.0 | 0.0 |
| 87.5° | 24.9 | 19.9 | 14.9 | 10.0 | 10.0 | 5.0 | 5.0 | 5.0 | 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: P252207

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBSW1LI

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 |
| 2.5° | 5228.4 | 5228.4 | 5223.5 | 5283.1 | 5213.5 | 5283.1 | 5248.4 | 5283.1 | 5233.4 | 5228.4 | 5233.4 |
| 5° | 5268.2 | 5283.1 | 5288.1 | 5342.8 | 5278.1 | 5362.6 | 5332.8 | 5362.6 | 5327.9 | 5337.8 | 5352.6 |
| 7.5° | 5347.8 | 5372.6 | 5367.6 | 5437.1 | 5372.6 | 5467.0 | 5447.1 | 5491.9 | 5457.0 | 5467.0 | 5486.9 |
| 10° | 5437.1 | 5467.0 | 5472.0 | 5541.5 | 5481.9 | 5596.2 | 5571.4 | 5621.1 | 5591.2 | 5606.1 | 5631.0 |
| 12.5° | 5541.5 | 5576.4 | 5581.2 | 5660.9 | 5596.2 | 5715.5 | 5700.6 | 5750.2 | 5725.4 | 5740.4 | 5770.1 |
| 15° | 5621.1 | 5670.8 | 5680.8 | 5760.2 | 5690.6 | 5814.9 | 5805.0 | 5869.6 | 5829.8 | 5854.6 | 5879.5 |
| 17.5° | 5660.9 | 5705.5 | 5725.4 | 5800.0 | 5740.4 | 5864.6 | 5854.6 | 5909.4 | 5879.5 | 5904.4 | 5934.1 |
| 20° | 5636.0 | 5690.6 | 5705.5 | 5780.1 | 5720.5 | 5844.8 | 5829.8 | 5884.5 | 5854.6 | 5874.5 | 5904.4 |
| 22.5° | 5546.5 | 5601.1 | 5621.1 | 5690.6 | 5636.0 | 5750.2 | 5745.4 | 5795.0 | 5755.2 | 5780.1 | 5805.0 |
| 25° | 5387.5 | 5447.1 | 5457.0 | 5521.6 | 5462.0 | 5581.2 | 5571.4 | 5626.0 | 5596.2 | 5611.1 | 5645.9 |
| 27.5° | 5158.9 | 5228.4 | 5243.4 | 5298.0 | 5253.2 | 5352.6 | 5352.6 | 5397.4 | 5362.6 | 5362.6 | 5397.4 |
| 30° | 4885.5 | 4955.1 | 4965.0 | 5009.8 | 4970.0 | 5059.5 | 5064.4 | 5109.1 | 5054.5 | 5084.2 | 5089.2 |
| 32.5° | 4552.5 | 4597.2 | 4627.1 | 4666.9 | 4607.2 | 4721.5 | 4706.6 | 4741.4 | 4711.5 | 4711.5 | 4736.4 |
| 35° | 4150.0 | 4204.6 | 4219.5 | 4269.2 | 4219.5 | 4309.0 | 4309.0 | 4328.9 | 4299.0 | 4299.0 | 4338.8 |
| 37.5° | 3712.6 | 3752.4 | 3757.4 | 3807.0 | 3767.2 | 3841.8 | 3836.9 | 3851.8 | 3821.9 | 3841.8 | 3841.8 |
| 40° | 3200.6 | 3230.5 | 3240.5 | 3265.2 | 3260.4 | 3315.0 | 3310.0 | 3320.0 | 3305.0 | 3310.0 | 3320.0 |
| 42.5° | 2604.2 | 2644.0 | 2663.9 | 2683.8 | 2654.0 | 2728.5 | 2713.6 | 2728.5 | 2723.5 | 2728.5 | 2743.5 |
| 45° | 1918.4 | 1948.2 | 1963.1 | 1968.1 | 1958.1 | 2002.9 | 2037.8 | 2007.9 | 2012.9 | 2002.9 | 2022.8 |
| 47.5° | 1386.6 | 1391.6 | 1381.6 | 1411.5 | 1386.6 | 1406.5 | 1416.5 | 1421.4 | 1391.6 | 1386.6 | 1406.5 |
| 50° | 949.2 | 974.1 | 939.4 | 954.2 | 949.2 | 969.1 | 959.2 | 964.1 | 934.4 | 949.2 | 939.4 |
| 52.5° | 631.2 | 626.2 | 616.2 | 621.2 | 611.2 | 611.2 | 611.2 | 621.2 | 601.4 | 591.4 | 581.5 |
| 55° | 382.8 | 372.8 | 352.9 | 347.9 | 347.9 | 352.9 | 342.9 | 333.0 | 333.0 | 328.0 | 328.0 |
| 57.5° | 223.6 | 208.8 | 198.8 | 193.9 | 183.9 | 178.9 | 174.0 | 174.0 | 164.0 | 164.0 | 164.0 |
| 60° | 124.2 | 109.4 | 99.4 | 89.5 | 89.5 | 84.5 | 79.5 | 74.5 | 74.5 | 74.5 | 69.6 |
| 62.5° | 64.6 | 54.6 | 44.8 | 39.8 | 39.8 | 34.8 | 29.9 | 29.9 | 29.9 | 29.9 | 24.9 |
| 65° | 44.8 | 34.8 | 29.9 | 24.9 | 24.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 |
| 67.5° | 34.8 | 29.9 | 24.9 | 19.9 | 19.9 | 19.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 |
| 70° | 29.9 | 19.9 | 19.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 |
| 72.5° | 19.9 | 19.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 |
| 75° | 14.9 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 77.5° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 5.0 | 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: P252207

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBSW1LI

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 | 5198.6 |
| 2.5° | 5278.1 | 5273.1 | 5278.1 | 5288.1 | 5268.2 | 5327.9 | 5298.0 | 5327.9 |
| 5° | 5392.5 | 5397.4 | 5402.4 | 5417.2 | 5392.5 | 5467.0 | 5427.2 | 5472.0 |
| 7.5° | 5541.5 | 5546.5 | 5551.5 | 5566.4 | 5551.5 | 5626.0 | 5581.2 | 5621.1 |
| 10° | 5695.6 | 5705.5 | 5705.5 | 5730.4 | 5715.5 | 5785.1 | 5755.2 | 5805.0 |
| 12.5° | 5839.8 | 5849.6 | 5859.6 | 5874.5 | 5864.6 | 5939.1 | 5914.2 | 5954.0 |
| 15° | 5954.0 | 5973.9 | 5978.9 | 5998.8 | 5988.9 | 6068.4 | 6038.5 | 6078.2 |
| 17.5° | 6008.8 | 6028.6 | 6028.6 | 6053.5 | 6043.5 | 6128.0 | 6088.2 | 6133.0 |
| 20° | 5978.9 | 5993.9 | 5998.8 | 6023.6 | 6013.8 | 6098.1 | 6058.4 | 6113.1 |
| 22.5° | 5884.5 | 5889.5 | 5894.4 | 5919.2 | 5914.2 | 5988.9 | 5954.0 | 5988.9 |
| 25° | 5710.5 | 5725.4 | 5720.5 | 5740.4 | 5740.4 | 5800.0 | 5760.2 | 5790.0 |
| 27.5° | 5462.0 | 5476.9 | 5476.9 | 5501.8 | 5481.9 | 5541.5 | 5501.8 | 5546.5 |
| 30° | 5158.9 | 5173.8 | 5163.9 | 5183.8 | 5163.9 | 5223.5 | 5193.6 | 5208.5 |
| 32.5° | 4796.0 | 4796.0 | 4801.0 | 4806.0 | 4796.0 | 4850.8 | 4820.9 | 4850.8 |
| 35° | 4363.6 | 4373.6 | 4378.6 | 4383.5 | 4373.6 | 4413.4 | 4378.6 | 4398.5 |
| 37.5° | 3876.6 | 3901.5 | 3896.5 | 3901.5 | 3886.5 | 3936.2 | 3906.4 | 3916.4 |
| 40° | 3354.8 | 3354.8 | 3349.8 | 3359.8 | 3344.8 | 3384.6 | 3364.8 | 3374.6 |
| 42.5° | 2748.4 | 2763.4 | 2743.5 | 2768.2 | 2728.5 | 2783.2 | 2763.4 | 2748.4 |
| 45° | 2062.5 | 2042.6 | 2037.8 | 2042.6 | 2027.8 | 2032.8 | 2047.6 | 2037.8 |
| 47.5° | 1406.5 | 1406.5 | 1396.6 | 1381.6 | 1401.5 | 1406.5 | 1386.6 | 1386.6 |
| 50° | 944.2 | 944.2 | 934.4 | 929.4 | 939.4 | 934.4 | 924.4 | 939.4 |
| 52.5° | 601.4 | 581.5 | 581.5 | 591.4 | 581.5 | 571.5 | 586.5 | 576.5 |
| 55° | 328.0 | 318.1 | 318.1 | 328.0 | 318.1 | 318.1 | 313.1 | 323.0 |
| 57.5° | 159.0 | 164.0 | 159.0 | 159.0 | 159.0 | 159.0 | 154.1 | 159.0 |
| 60° | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| 62.5° | 29.9 | 29.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 | 24.9 |
| 65° | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 |
| 67.5° | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 19.9 | 14.9 | 14.9 |
| 70° | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 |
| 72.5° | 14.9 | 14.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 | 19.9 |
| 75° | 10.0 | 10.0 | 10.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 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 |



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













(END OF REPORT)