

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: P252269

Luminaire Tested: **LE_6B20D010 EC6B10209727 6LBSW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252269
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-7)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B20D010 EC6B10209727 6LBSW1H
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 97CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1681.2 lumens
Efficiency: N/A
Efficacy: 80.8 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

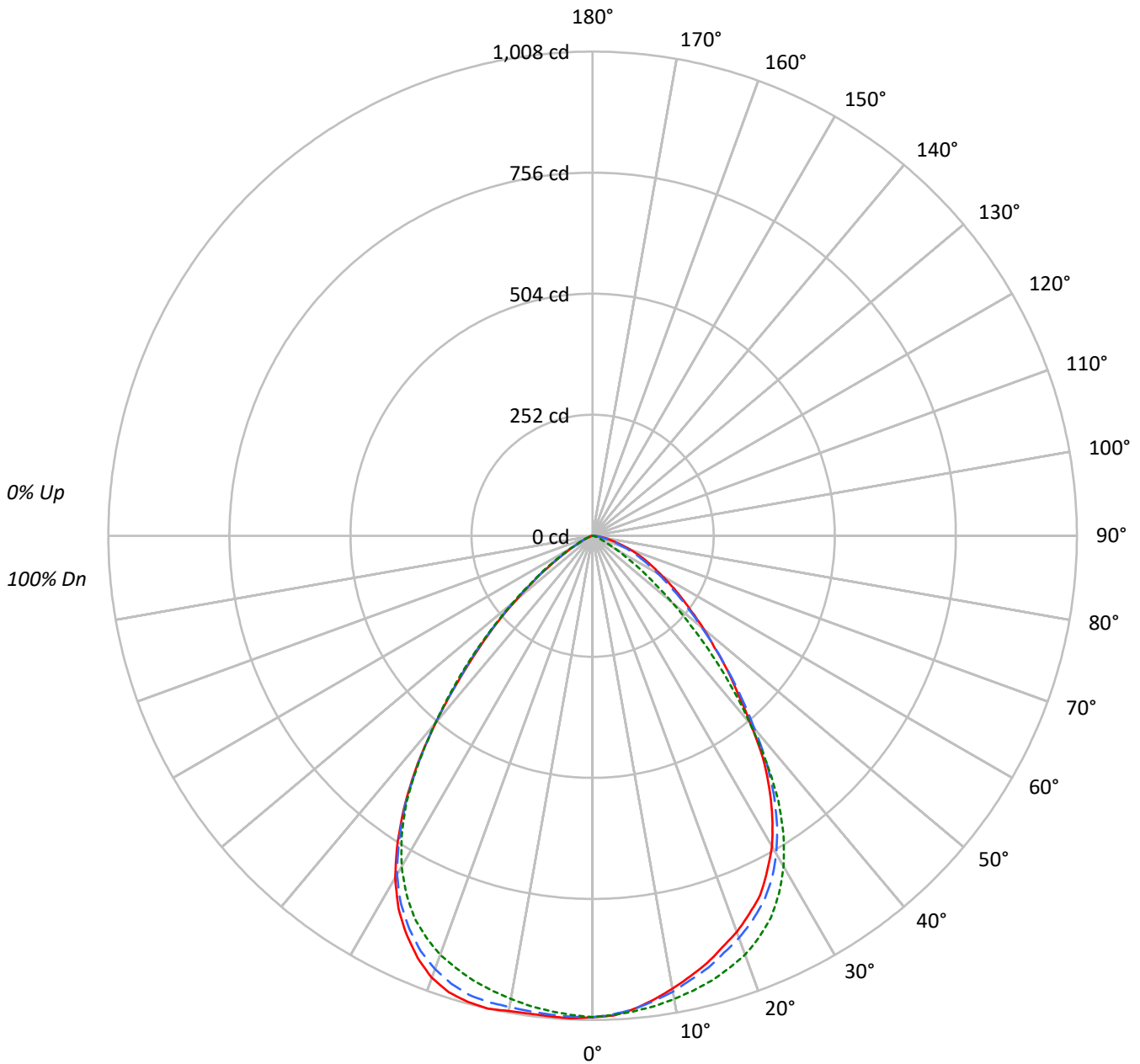
Input Watts (W): 20.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

Luminous Intensity Polar Plot





TEST NUMBER: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

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 | 112 | 108 | 105 | 103 | 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 | 85 | 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 | 69 | 66 | 64 | | | | | | | | |
| 5 | 85 | 74 | 67 | 62 | 83 | 73 | 66 | 61 | 71 | 65 | 61 | 70 | 64 | 60 | 68 | 63 | 60 | 58 | | | | | | | | |
| 6 | 79 | 68 | 61 | 55 | 78 | 67 | 60 | 55 | 66 | 59 | 55 | 64 | 59 | 54 | 63 | 58 | 54 | 52 | | | | | | | | |
| 7 | 74 | 63 | 55 | 50 | 73 | 62 | 55 | 50 | 61 | 54 | 50 | 59 | 54 | 49 | 58 | 53 | 49 | 47 | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | | | | | |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 | | | | | | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 65378 | 65378 | 65378 |
| 5° | 64763 | 65071 | 65785 |
| 10° | 63425 | 64863 | 66545 |
| 15° | 62206 | 64739 | 67846 |
| 20° | 60923 | 64443 | 67977 |
| 25° | 59416 | 63167 | 65953 |
| 30° | 56259 | 59898 | 61909 |
| 35° | 51092 | 53688 | 54174 |
| 40° | 43605 | 43392 | 43187 |
| 45° | 36629 | 32495 | 31481 |
| 50° | 30591 | 21984 | 20888 |
| 55° | 25752 | 13490 | 12262 |
| 60° | 21790 | 7111 | 6159 |
| 65° | 18864 | 3736 | 2995 |
| 70° | 15680 | 2308 | 1621 |
| 75° | 11595 | 1512 | 907 |
| 80° | 9092 | 902 | 451 |
| 85° | 7186 | 898 | 0 |



TEST NUMBER: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 94.4 | 5.6 |
| 10°-20° | 270.4 | 16.1 |
| 20°-30° | 399.3 | 23.8 |
| 30°-40° | 411.5 | 24.5 |
| 40°-50° | 284.3 | 16.9 |
| 50°-60° | 140.1 | 8.3 |
| 60°-70° | 56.8 | 3.4 |
| 70°-80° | 20.2 | 1.2 |
| 80°-90° | 4.2 | 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° | 764.2 | 45.5 |
| 0°-40° | 1175.7 | 69.9 |
| 0°-60° | 1600.1 | 95.2 |
| 0°-90° | 1681.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1681.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1002 | 1002 | 1002 | 1002 | 1002 | |
| 5° | 989 | 989 | 994 | 1001 | 1004 | 93 |
| 15° | 921 | 931 | 958 | 990 | 1004 | 259 |
| 25° | 825 | 841 | 878 | 903 | 916 | 377 |
| 35° | 642 | 657 | 674 | 678 | 680 | 397 |
| 45° | 397 | 399 | 352 | 347 | 341 | 307 |
| 55° | 226 | 218 | 119 | 111 | 108 | 205 |
| 65° | 122 | 110 | 24 | 19 | 19 | 121 |
| 75° | 46 | 39 | 6 | 4 | 4 | 52 |
| 85° | 10 | 7 | 1 | 0 | 0 | 12 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 |
| 2.5° | 999.8 | 996.1 | 998.5 | 993.6 | 999.8 | 993.6 | 994.9 | 996.1 | 994.9 | 996.1 | 997.2 |
| 5° | 988.9 | 985.1 | 988.9 | 982.8 | 988.9 | 985.1 | 985.1 | 986.4 | 986.4 | 987.6 | 988.9 |
| 7.5° | 974.2 | 970.6 | 974.2 | 968.2 | 975.5 | 971.9 | 971.9 | 974.2 | 973.1 | 974.2 | 976.8 |
| 10° | 957.4 | 952.5 | 956.1 | 952.5 | 959.8 | 954.9 | 957.4 | 957.4 | 957.4 | 961.0 | 963.4 |
| 12.5° | 939.2 | 934.4 | 939.2 | 933.1 | 940.4 | 936.8 | 938.0 | 941.6 | 942.9 | 945.2 | 946.5 |
| 15° | 921.0 | 915.0 | 917.4 | 913.8 | 921.0 | 917.4 | 918.6 | 923.5 | 923.5 | 927.1 | 930.8 |
| 17.5° | 898.0 | 893.2 | 898.0 | 893.2 | 899.2 | 896.9 | 899.2 | 902.9 | 902.9 | 906.5 | 910.1 |
| 20° | 877.5 | 872.6 | 876.2 | 872.6 | 879.9 | 876.2 | 877.5 | 882.2 | 883.5 | 887.1 | 890.8 |
| 22.5° | 852.0 | 848.4 | 850.9 | 847.2 | 854.5 | 852.0 | 853.2 | 858.1 | 859.4 | 861.8 | 867.8 |
| 25° | 825.4 | 818.1 | 821.8 | 819.4 | 826.6 | 823.0 | 825.4 | 830.2 | 832.6 | 836.4 | 841.1 |
| 27.5° | 786.8 | 783.1 | 785.5 | 785.5 | 791.5 | 787.9 | 789.1 | 794.0 | 797.6 | 801.2 | 807.2 |
| 30° | 746.8 | 740.8 | 743.1 | 744.4 | 749.1 | 746.8 | 749.1 | 754.0 | 755.2 | 760.1 | 764.9 |
| 32.5° | 695.9 | 693.5 | 698.4 | 695.9 | 698.4 | 698.4 | 699.5 | 703.1 | 705.6 | 708.0 | 714.1 |
| 35° | 641.5 | 636.6 | 641.5 | 639.0 | 645.1 | 641.5 | 645.1 | 648.8 | 648.8 | 653.5 | 657.2 |
| 37.5° | 582.1 | 576.1 | 578.5 | 578.5 | 581.0 | 579.8 | 579.8 | 585.8 | 587.0 | 590.6 | 594.2 |
| 40° | 512.0 | 509.5 | 514.4 | 513.1 | 514.4 | 514.4 | 515.6 | 519.2 | 521.6 | 522.9 | 524.0 |
| 42.5° | 449.0 | 450.2 | 451.5 | 451.5 | 451.5 | 451.5 | 451.5 | 456.2 | 455.1 | 458.8 | 459.9 |
| 45° | 397.0 | 392.1 | 394.5 | 393.4 | 397.0 | 393.4 | 397.0 | 400.6 | 398.2 | 401.9 | 399.4 |
| 47.5° | 343.8 | 343.8 | 343.8 | 342.5 | 344.9 | 343.8 | 346.1 | 347.4 | 347.4 | 347.4 | 346.1 |
| 50° | 301.4 | 297.8 | 299.0 | 299.0 | 300.1 | 299.0 | 301.4 | 302.6 | 302.6 | 300.1 | 295.4 |
| 52.5° | 260.2 | 259.0 | 259.0 | 261.4 | 261.4 | 260.2 | 260.2 | 260.2 | 260.2 | 256.6 | 254.1 |
| 55° | 226.4 | 223.9 | 225.1 | 225.1 | 225.1 | 225.1 | 226.4 | 225.1 | 225.1 | 221.5 | 217.9 |
| 57.5° | 196.1 | 193.6 | 193.6 | 193.6 | 194.9 | 193.6 | 193.6 | 193.6 | 192.5 | 188.8 | 184.0 |
| 60° | 167.0 | 165.8 | 167.0 | 167.0 | 168.2 | 167.0 | 167.0 | 167.0 | 164.6 | 161.0 | 156.1 |
| 62.5° | 142.9 | 142.9 | 142.9 | 144.0 | 144.0 | 142.9 | 142.9 | 141.6 | 140.4 | 135.5 | 130.8 |
| 65° | 122.2 | 121.0 | 122.2 | 122.2 | 123.5 | 123.5 | 122.2 | 121.0 | 119.9 | 115.0 | 110.1 |
| 67.5° | 101.6 | 100.5 | 101.6 | 101.6 | 102.9 | 101.6 | 101.6 | 101.6 | 98.0 | 95.6 | 90.8 |
| 70° | 82.2 | 81.1 | 81.1 | 81.1 | 82.2 | 79.9 | 81.1 | 81.1 | 78.6 | 75.0 | 70.2 |
| 72.5° | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 61.8 | 61.8 | 59.2 | 55.6 | 53.2 |
| 75° | 46.0 | 46.0 | 47.2 | 47.2 | 46.0 | 46.0 | 46.0 | 44.8 | 43.6 | 41.1 | 38.8 |
| 77.5° | 33.9 | 33.9 | 33.9 | 33.9 | 32.6 | 32.6 | 32.6 | 31.5 | 30.2 | 29.0 | 26.6 |
| 80° | 24.2 | 24.2 | 24.2 | 23.0 | 24.2 | 23.0 | 23.0 | 23.0 | 20.6 | 19.4 | 18.1 |
| 82.5° | 17.0 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 14.5 | 14.5 | 13.4 | 12.1 |
| 85° | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 8.5 | 7.2 | 7.2 |
| 87.5° | 4.9 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 4.9 | 4.9 | 4.9 | 3.6 |
| 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: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 |
| 2.5° | 997.2 | 997.2 | 999.8 | 996.1 | 1002.1 | 998.5 | 997.2 | 1003.4 | 999.8 | 998.5 | 1000.9 |
| 5° | 988.9 | 990.0 | 991.2 | 988.9 | 994.9 | 991.2 | 991.2 | 997.2 | 994.9 | 993.6 | 997.2 |
| 7.5° | 977.9 | 979.1 | 981.5 | 980.4 | 985.1 | 982.8 | 984.0 | 990.0 | 987.6 | 987.6 | 991.2 |
| 10° | 964.6 | 967.0 | 969.5 | 969.5 | 975.5 | 973.1 | 973.1 | 980.4 | 977.9 | 979.1 | 984.0 |
| 12.5° | 948.9 | 952.5 | 956.1 | 957.4 | 963.4 | 959.8 | 961.0 | 969.5 | 968.2 | 969.5 | 974.2 |
| 15° | 931.9 | 936.8 | 940.4 | 940.4 | 947.6 | 944.0 | 947.6 | 956.1 | 953.8 | 958.5 | 964.6 |
| 17.5° | 912.6 | 917.4 | 922.2 | 923.5 | 930.8 | 928.2 | 933.1 | 941.6 | 941.6 | 944.0 | 951.2 |
| 20° | 894.4 | 900.5 | 902.9 | 906.5 | 913.8 | 912.6 | 915.0 | 924.6 | 924.6 | 928.2 | 935.5 |
| 22.5° | 870.2 | 876.2 | 881.1 | 884.8 | 890.8 | 890.8 | 894.4 | 902.9 | 902.9 | 905.2 | 912.6 |
| 25° | 843.6 | 850.9 | 854.5 | 858.1 | 864.1 | 863.0 | 866.6 | 873.9 | 875.0 | 877.5 | 884.8 |
| 27.5° | 809.8 | 815.8 | 820.6 | 823.0 | 831.5 | 826.6 | 830.2 | 838.8 | 837.5 | 840.0 | 846.0 |
| 30° | 767.4 | 773.4 | 778.2 | 778.2 | 785.5 | 785.5 | 789.1 | 792.8 | 792.8 | 795.1 | 800.0 |
| 32.5° | 717.8 | 725.0 | 725.0 | 728.6 | 733.5 | 728.6 | 733.5 | 738.2 | 735.9 | 739.5 | 743.1 |
| 35° | 660.9 | 664.5 | 665.6 | 665.6 | 669.2 | 668.1 | 666.9 | 670.5 | 668.1 | 674.1 | 677.8 |
| 37.5° | 591.9 | 596.6 | 594.2 | 596.6 | 595.5 | 591.9 | 591.9 | 597.9 | 593.0 | 594.2 | 597.9 |
| 40° | 525.2 | 525.2 | 524.0 | 518.0 | 519.2 | 515.6 | 514.4 | 515.6 | 510.8 | 509.5 | 514.4 |
| 42.5° | 456.2 | 455.1 | 451.5 | 443.0 | 444.1 | 438.1 | 433.2 | 433.2 | 430.9 | 429.6 | 430.9 |
| 45° | 394.5 | 390.9 | 384.9 | 375.2 | 372.8 | 367.9 | 358.2 | 355.9 | 352.2 | 352.2 | 353.4 |
| 47.5° | 337.6 | 332.9 | 323.1 | 312.2 | 306.2 | 300.1 | 290.5 | 286.9 | 280.8 | 278.4 | 280.8 |
| 50° | 290.5 | 282.0 | 269.9 | 254.1 | 248.1 | 240.9 | 231.1 | 225.1 | 219.1 | 216.6 | 215.4 |
| 52.5° | 246.9 | 234.8 | 222.8 | 203.4 | 198.5 | 191.2 | 177.9 | 171.9 | 165.8 | 161.0 | 161.0 |
| 55° | 209.4 | 198.5 | 181.5 | 163.4 | 156.1 | 148.9 | 135.5 | 127.1 | 121.0 | 118.6 | 116.2 |
| 57.5° | 175.5 | 163.4 | 147.6 | 128.2 | 121.0 | 113.8 | 100.5 | 92.0 | 85.9 | 82.2 | 79.9 |
| 60° | 147.6 | 134.4 | 118.6 | 101.6 | 93.2 | 85.9 | 72.6 | 64.1 | 58.1 | 54.5 | 52.0 |
| 62.5° | 121.0 | 110.1 | 94.4 | 78.6 | 71.4 | 64.1 | 53.2 | 44.8 | 38.8 | 36.2 | 32.6 |
| 65° | 101.6 | 90.8 | 76.2 | 62.9 | 56.9 | 49.6 | 40.0 | 32.6 | 27.9 | 24.2 | 21.8 |
| 67.5° | 82.2 | 73.9 | 61.8 | 49.6 | 43.6 | 38.8 | 30.2 | 24.2 | 19.4 | 17.0 | 15.8 |
| 70° | 65.4 | 56.9 | 47.2 | 37.5 | 33.9 | 29.0 | 23.0 | 17.0 | 14.5 | 12.1 | 10.9 |
| 72.5° | 48.4 | 42.4 | 35.1 | 27.9 | 24.2 | 21.8 | 15.8 | 13.4 | 9.6 | 8.5 | 7.2 |
| 75° | 35.1 | 30.2 | 25.4 | 19.4 | 17.0 | 15.8 | 12.1 | 8.5 | 7.2 | 6.0 | 4.9 |
| 77.5° | 24.2 | 21.8 | 17.0 | 13.4 | 12.1 | 10.9 | 8.5 | 6.0 | 4.9 | 3.6 | 3.6 |
| 80° | 15.8 | 13.4 | 10.9 | 8.5 | 8.5 | 7.2 | 4.9 | 3.6 | 3.6 | 2.4 | 2.4 |
| 82.5° | 9.6 | 8.5 | 7.2 | 6.0 | 4.9 | 4.9 | 3.6 | 2.4 | 2.4 | 1.2 | 1.2 |
| 85° | 6.0 | 4.9 | 3.6 | 3.6 | 2.4 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 |
| 87.5° | 2.4 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 | 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: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 |
| 2.5° | 1000.9 | 1000.9 | 1003.4 | 999.8 | 1002.1 | 1002.1 | 1004.5 | 999.8 | 1002.1 | 1003.4 | 1005.8 |
| 5° | 996.1 | 997.2 | 999.8 | 998.5 | 999.8 | 999.8 | 1002.1 | 996.1 | 1000.9 | 1000.9 | 1004.5 |
| 7.5° | 991.2 | 991.2 | 993.6 | 992.5 | 994.9 | 996.1 | 998.5 | 993.6 | 998.5 | 998.5 | 1002.1 |
| 10° | 985.1 | 985.1 | 988.9 | 987.6 | 991.2 | 992.5 | 996.1 | 991.2 | 996.1 | 997.2 | 1000.9 |
| 12.5° | 976.8 | 977.9 | 981.5 | 981.5 | 985.1 | 987.6 | 991.2 | 988.9 | 994.9 | 996.1 | 1000.9 |
| 15° | 967.0 | 969.5 | 974.2 | 973.1 | 976.8 | 980.4 | 985.1 | 981.5 | 990.0 | 992.5 | 997.2 |
| 17.5° | 954.9 | 957.4 | 961.0 | 961.0 | 964.6 | 967.0 | 973.1 | 970.6 | 977.9 | 979.1 | 985.1 |
| 20° | 936.8 | 940.4 | 945.2 | 944.0 | 947.6 | 950.1 | 954.9 | 952.5 | 959.8 | 962.2 | 968.2 |
| 22.5° | 915.0 | 917.4 | 921.0 | 921.0 | 924.6 | 927.1 | 931.9 | 928.2 | 935.5 | 936.8 | 941.6 |
| 25° | 886.0 | 888.4 | 890.8 | 892.0 | 895.6 | 896.9 | 899.2 | 896.9 | 902.9 | 904.1 | 910.1 |
| 27.5° | 848.4 | 849.6 | 853.2 | 853.2 | 855.6 | 856.9 | 860.5 | 855.6 | 864.1 | 864.1 | 867.8 |
| 30° | 803.6 | 802.4 | 807.2 | 804.9 | 807.2 | 807.2 | 810.9 | 808.5 | 814.5 | 812.1 | 815.8 |
| 32.5° | 744.4 | 746.8 | 746.8 | 744.4 | 749.1 | 748.0 | 748.0 | 745.5 | 749.1 | 750.4 | 752.8 |
| 35° | 675.4 | 679.0 | 679.0 | 680.2 | 681.4 | 677.8 | 679.0 | 671.8 | 677.8 | 679.0 | 680.2 |
| 37.5° | 600.2 | 596.6 | 599.1 | 595.5 | 601.5 | 594.2 | 594.2 | 589.4 | 594.2 | 594.2 | 595.5 |
| 40° | 514.4 | 513.1 | 515.6 | 513.1 | 512.0 | 510.8 | 508.4 | 504.8 | 509.5 | 507.1 | 510.8 |
| 42.5° | 433.2 | 432.1 | 432.1 | 429.6 | 428.5 | 428.5 | 426.0 | 423.6 | 422.4 | 422.4 | 428.5 |
| 45° | 349.8 | 352.2 | 349.8 | 348.6 | 351.0 | 348.6 | 349.8 | 344.9 | 347.4 | 344.9 | 347.4 |
| 47.5° | 279.6 | 280.8 | 278.4 | 276.0 | 279.6 | 276.0 | 276.0 | 272.4 | 277.1 | 277.1 | 274.8 |
| 50° | 216.6 | 215.4 | 213.0 | 215.4 | 214.2 | 214.2 | 214.2 | 210.6 | 213.0 | 209.4 | 211.8 |
| 52.5° | 159.8 | 158.5 | 158.5 | 157.4 | 158.5 | 157.4 | 157.4 | 156.1 | 156.1 | 154.9 | 156.1 |
| 55° | 116.2 | 115.0 | 112.5 | 112.5 | 112.5 | 113.8 | 112.5 | 111.4 | 111.4 | 110.1 | 111.4 |
| 57.5° | 78.6 | 76.2 | 76.2 | 76.2 | 76.2 | 75.0 | 75.0 | 73.9 | 75.0 | 73.9 | 75.0 |
| 60° | 50.9 | 50.9 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 47.2 | 48.4 | 48.4 | 48.4 |
| 62.5° | 31.5 | 31.5 | 30.2 | 29.0 | 30.2 | 29.0 | 29.0 | 29.0 | 30.2 | 29.0 | 30.2 |
| 65° | 20.6 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| 67.5° | 14.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 12.1 | 13.4 | 13.4 | 13.4 |
| 70° | 9.6 | 9.6 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 72.5° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| 75° | 4.9 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 3.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 80° | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 82.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 85° | 1.2 | 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 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 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: P252269

CATALOG NUMBER: LE_6B20D010 EC6B10209727 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 | 1002.1 |
| 2.5° | 1002.1 | 1003.4 | 1000.9 | 1002.1 | 999.8 | 1002.1 | 1003.4 | 1005.8 |
| 5° | 999.8 | 1000.9 | 998.5 | 1000.9 | 998.5 | 1000.9 | 1002.1 | 1004.5 |
| 7.5° | 997.2 | 999.8 | 997.2 | 999.8 | 997.2 | 999.8 | 1000.9 | 1003.4 |
| 10° | 997.2 | 1000.9 | 998.5 | 1002.1 | 998.5 | 1000.9 | 1003.4 | 1004.5 |
| 12.5° | 997.2 | 1000.9 | 999.8 | 1002.1 | 1000.9 | 1003.4 | 1005.8 | 1008.1 |
| 15° | 994.9 | 998.5 | 996.1 | 999.8 | 998.5 | 999.8 | 1004.5 | 1004.5 |
| 17.5° | 981.5 | 985.1 | 985.1 | 987.6 | 987.6 | 991.2 | 993.6 | 996.1 |
| 20° | 964.6 | 968.2 | 967.0 | 970.6 | 970.6 | 974.2 | 976.8 | 979.1 |
| 22.5° | 939.2 | 944.0 | 942.9 | 946.5 | 945.2 | 947.6 | 952.5 | 951.2 |
| 25° | 906.5 | 912.6 | 911.4 | 913.8 | 912.6 | 912.6 | 915.0 | 916.2 |
| 27.5° | 866.6 | 870.2 | 869.0 | 871.4 | 869.0 | 871.4 | 873.9 | 875.0 |
| 30° | 814.5 | 817.0 | 815.8 | 817.0 | 815.8 | 818.1 | 819.4 | 821.8 |
| 32.5° | 751.6 | 755.2 | 751.6 | 754.0 | 752.8 | 752.8 | 757.6 | 755.2 |
| 35° | 676.5 | 677.8 | 679.0 | 679.0 | 676.5 | 677.8 | 680.2 | 680.2 |
| 37.5° | 593.0 | 599.1 | 591.9 | 595.5 | 594.2 | 594.2 | 594.2 | 597.9 |
| 40° | 505.9 | 507.1 | 504.8 | 504.8 | 504.8 | 503.5 | 508.4 | 507.1 |
| 42.5° | 423.6 | 424.9 | 423.6 | 420.0 | 421.1 | 421.1 | 424.9 | 420.0 |
| 45° | 343.8 | 346.1 | 344.9 | 344.9 | 342.5 | 342.5 | 343.8 | 341.2 |
| 47.5° | 272.4 | 274.8 | 271.1 | 272.4 | 269.9 | 272.4 | 271.1 | 273.5 |
| 50° | 207.0 | 209.4 | 208.1 | 209.4 | 209.4 | 207.0 | 210.6 | 205.8 |
| 52.5° | 154.9 | 156.1 | 154.9 | 153.8 | 152.5 | 152.5 | 154.9 | 153.8 |
| 55° | 110.1 | 108.9 | 108.9 | 108.9 | 110.1 | 110.1 | 108.9 | 107.8 |
| 57.5° | 73.9 | 73.9 | 72.6 | 72.6 | 73.9 | 71.4 | 72.6 | 71.4 |
| 60° | 47.2 | 47.2 | 47.2 | 47.2 | 46.0 | 47.2 | 47.2 | 47.2 |
| 62.5° | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| 65° | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| 67.5° | 12.1 | 13.4 | 13.4 | 13.4 | 12.1 | 12.1 | 12.1 | 12.1 |
| 70° | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 72.5° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| 75° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 80° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 82.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 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 E9808895 / USPTCWHP6082093





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













(END OF REPORT)