

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: HALO COMMERCIAL

Report Number: P585042

Luminaire Tested: **HCC8W55D010BZ-HM82555940-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585042
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2109-368-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 10/21/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO COMMERCIAL
Catalog Number: HCC8W55D010BZ-HM82555940-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

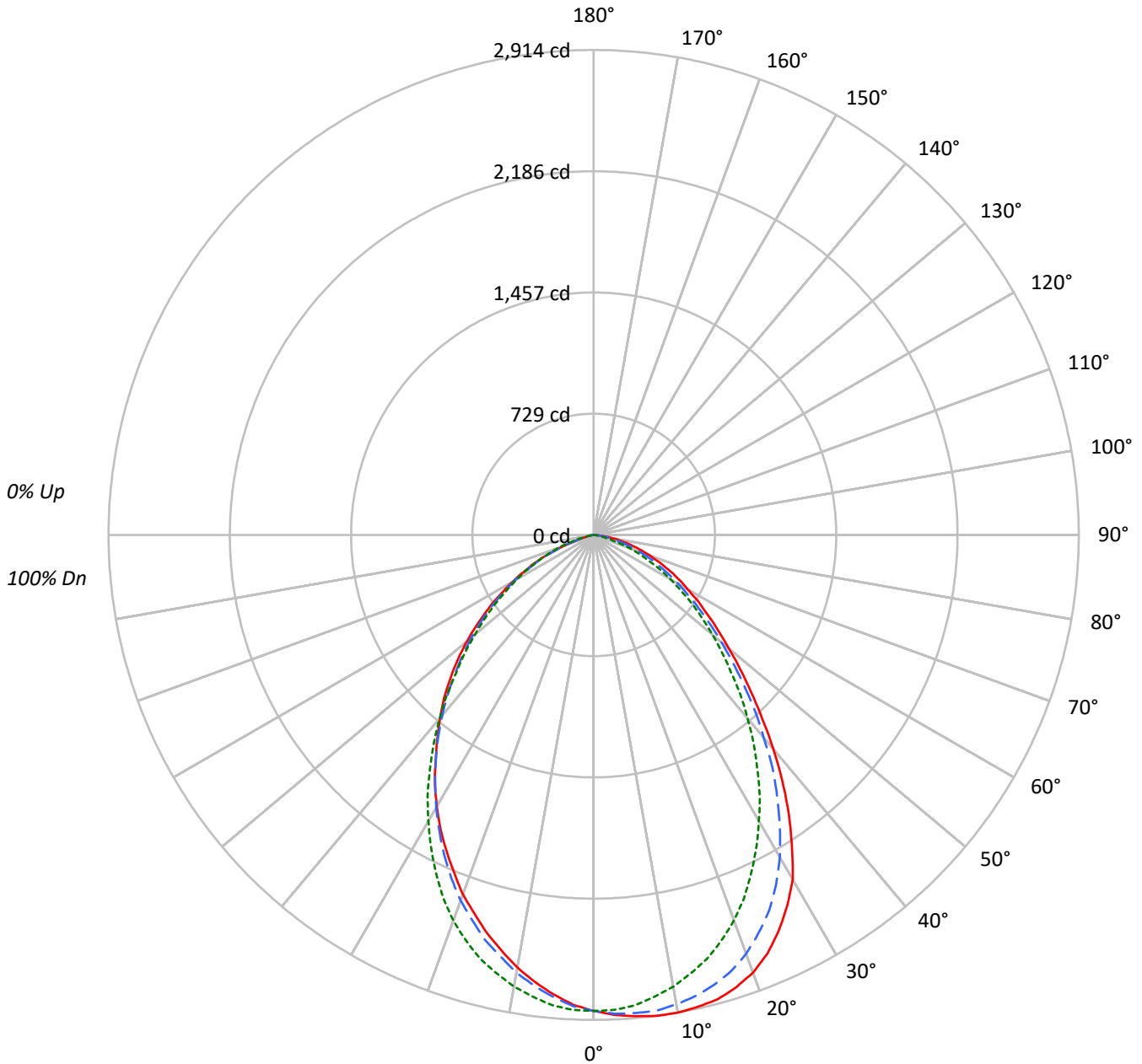
Lumens per Lamp: N/A
Luminaire Lumens: 5362.1 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): NR
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: P585042
CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
 1121 Highway 74 South
 Peachtree City, GA 30269



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CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

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 | 100 | 100 |
| 1 | 111 | 107 | 104 | 100 | 108 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 93 | 92 | 90 | 88 | 88 | 88 | 88 |
| 2 | 103 | 96 | 90 | 85 | 100 | 94 | 89 | 84 | 90 | 86 | 82 | 87 | 84 | 80 | 84 | 81 | 79 | 77 | 77 | 77 | 77 |
| 3 | 95 | 86 | 79 | 73 | 92 | 84 | 78 | 73 | 81 | 76 | 71 | 79 | 74 | 70 | 76 | 72 | 69 | 67 | 67 | 67 | 67 |
| 4 | 88 | 77 | 70 | 64 | 86 | 76 | 69 | 63 | 74 | 67 | 63 | 71 | 66 | 62 | 69 | 65 | 61 | 59 | 59 | 59 | 59 |
| 5 | 81 | 70 | 62 | 56 | 79 | 69 | 62 | 56 | 67 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 54 | 52 | 52 | 52 | 52 |
| 6 | 76 | 64 | 56 | 50 | 74 | 63 | 55 | 50 | 61 | 54 | 49 | 60 | 54 | 49 | 58 | 53 | 49 | 47 | 47 | 47 | 47 |
| 7 | 71 | 58 | 51 | 45 | 69 | 58 | 50 | 45 | 56 | 49 | 45 | 55 | 49 | 44 | 54 | 48 | 44 | 42 | 42 | 42 | 42 |
| 8 | 66 | 54 | 46 | 41 | 65 | 53 | 46 | 41 | 52 | 45 | 40 | 51 | 45 | 40 | 50 | 44 | 40 | 38 | 38 | 38 | 38 |
| 9 | 62 | 50 | 42 | 37 | 61 | 49 | 42 | 37 | 48 | 41 | 37 | 47 | 41 | 37 | 46 | 41 | 36 | 35 | 35 | 35 | 35 |
| 10 | 58 | 46 | 39 | 34 | 57 | 46 | 39 | 34 | 45 | 38 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 32 | 32 | 32 | 32 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 88201 | 88201 | 88201 |
| 5° | 89857 | 87820 | 85777 |
| 10° | 91259 | 86283 | 82642 |
| 15° | 92174 | 84136 | 79063 |
| 20° | 91827 | 80890 | 75419 |
| 25° | 89405 | 76221 | 71206 |
| 30° | 85146 | 70654 | 67069 |
| 35° | 76884 | 64488 | 62301 |
| 40° | 67554 | 57881 | 57728 |
| 45° | 58310 | 50874 | 53072 |
| 50° | 50760 | 44624 | 47599 |
| 55° | 45009 | 38757 | 41466 |
| 60° | 40161 | 32742 | 34419 |
| 65° | 36198 | 26581 | 27150 |
| 70° | 32142 | 19916 | 16075 |
| 75° | 27701 | 11545 | 6922 |
| 80° | 21327 | 4120 | 2060 |
| 85° | 13728 | 1380 | 1380 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 268.5 | 5.0 |
| 10°-20° | 747.5 | 13.9 |
| 20°-30° | 1057.2 | 19.7 |
| 30°-40° | 1114.0 | 20.8 |
| 40°-50° | 946.8 | 17.7 |
| 50°-60° | 681.8 | 12.7 |
| 60°-70° | 393.3 | 7.3 |
| 70°-80° | 134.6 | 2.5 |
| 80°-90° | 18.5 | 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° | 2073.2 | 38.7 |
| 0°-40° | 3187.2 | 59.4 |
| 0°-60° | 4815.7 | 89.8 |
| 0°-90° | 5362.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5362.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2860 | 2860 | 2860 | 2860 | 2860 | |
| 5° | 2903 | 2884 | 2837 | 2787 | 2771 | 277 |
| 15° | 2887 | 2798 | 2636 | 2519 | 2477 | 813 |
| 25° | 2628 | 2492 | 2240 | 2124 | 2093 | 1205 |
| 35° | 2042 | 1922 | 1713 | 1651 | 1655 | 1272 |
| 45° | 1337 | 1275 | 1167 | 1174 | 1217 | 1039 |
| 55° | 837 | 771 | 721 | 748 | 771 | 753 |
| 65° | 496 | 426 | 364 | 356 | 372 | 493 |
| 75° | 232 | 174 | 97 | 62 | 58 | 245 |
| 85° | 39 | 23 | 4 | 4 | 4 | 52 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585042

CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 |
| 2.5° | 2887.3 | 2891.3 | 2887.3 | 2887.3 | 2883.5 | 2879.6 | 2875.7 | 2871.9 | 2864.1 | 2856.4 | 2856.4 |
| 5° | 2902.9 | 2910.7 | 2902.9 | 2902.9 | 2891.3 | 2883.5 | 2875.7 | 2864.1 | 2848.7 | 2837.1 | 2837.1 |
| 7.5° | 2914.5 | 2914.5 | 2914.5 | 2902.9 | 2895.2 | 2883.5 | 2864.1 | 2844.8 | 2825.3 | 2806.0 | 2798.3 |
| 10° | 2914.5 | 2914.5 | 2910.7 | 2895.2 | 2887.3 | 2864.1 | 2844.8 | 2817.6 | 2790.5 | 2763.3 | 2755.6 |
| 12.5° | 2902.9 | 2906.8 | 2899.1 | 2883.5 | 2864.1 | 2837.1 | 2809.9 | 2774.9 | 2744.0 | 2712.9 | 2697.5 |
| 15° | 2887.3 | 2883.5 | 2875.7 | 2856.4 | 2833.2 | 2798.3 | 2771.1 | 2732.4 | 2689.7 | 2650.9 | 2635.5 |
| 17.5° | 2848.7 | 2848.7 | 2837.1 | 2817.6 | 2786.7 | 2747.9 | 2705.2 | 2662.5 | 2616.1 | 2573.5 | 2554.1 |
| 20° | 2798.3 | 2798.3 | 2782.8 | 2759.5 | 2728.5 | 2678.1 | 2631.6 | 2581.2 | 2526.9 | 2484.3 | 2465.0 |
| 22.5° | 2724.7 | 2728.5 | 2709.1 | 2682.0 | 2647.1 | 2588.9 | 2542.4 | 2480.4 | 2426.2 | 2375.8 | 2360.3 |
| 25° | 2627.7 | 2635.5 | 2616.1 | 2588.9 | 2542.4 | 2492.0 | 2433.9 | 2375.8 | 2313.8 | 2263.4 | 2240.2 |
| 27.5° | 2515.3 | 2519.2 | 2499.9 | 2472.7 | 2426.2 | 2371.9 | 2313.8 | 2251.8 | 2193.6 | 2139.4 | 2116.2 |
| 30° | 2391.3 | 2375.8 | 2368.0 | 2333.2 | 2282.8 | 2236.3 | 2170.4 | 2120.0 | 2058.0 | 2011.5 | 1984.3 |
| 32.5° | 2217.0 | 2224.7 | 2201.4 | 2174.3 | 2135.5 | 2081.2 | 2027.0 | 1968.8 | 1910.7 | 1875.8 | 1856.4 |
| 35° | 2042.4 | 2050.3 | 2038.6 | 2011.5 | 1968.8 | 1922.3 | 1868.1 | 1825.5 | 1775.1 | 1732.5 | 1713.1 |
| 37.5° | 1860.3 | 1860.3 | 1852.6 | 1837.1 | 1806.1 | 1763.4 | 1709.1 | 1666.6 | 1623.9 | 1589.0 | 1577.4 |
| 40° | 1678.2 | 1670.5 | 1666.6 | 1655.0 | 1627.8 | 1589.0 | 1554.2 | 1519.3 | 1476.6 | 1453.4 | 1437.9 |
| 42.5° | 1499.9 | 1499.9 | 1492.2 | 1480.5 | 1453.4 | 1434.1 | 1399.1 | 1360.3 | 1329.4 | 1306.1 | 1306.1 |
| 45° | 1337.1 | 1341.0 | 1329.4 | 1321.7 | 1306.1 | 1275.1 | 1244.1 | 1217.0 | 1189.8 | 1174.3 | 1166.6 |
| 47.5° | 1193.7 | 1193.7 | 1182.1 | 1174.3 | 1158.9 | 1131.7 | 1104.6 | 1081.3 | 1061.9 | 1050.3 | 1046.5 |
| 50° | 1058.1 | 1058.1 | 1058.1 | 1038.7 | 1019.3 | 1000.0 | 980.5 | 953.4 | 941.8 | 934.1 | 930.2 |
| 52.5° | 941.8 | 938.0 | 938.0 | 922.4 | 903.0 | 879.8 | 860.4 | 837.2 | 825.6 | 817.8 | 821.7 |
| 55° | 837.2 | 837.2 | 833.3 | 814.0 | 794.5 | 771.3 | 751.8 | 732.5 | 724.8 | 717.0 | 720.9 |
| 56° | 794.5 | 794.5 | 790.6 | 775.2 | 751.8 | 732.5 | 709.3 | 689.8 | 678.2 | 682.1 | 682.1 |
| 57° | 763.6 | 755.7 | 755.7 | 736.4 | 717.0 | 689.8 | 670.5 | 651.2 | 643.3 | 639.4 | 639.4 |
| 58° | 724.8 | 720.9 | 717.0 | 697.6 | 678.2 | 655.0 | 635.6 | 616.2 | 604.6 | 604.6 | 600.8 |
| 59° | 686.0 | 686.0 | 678.2 | 662.8 | 643.3 | 620.1 | 600.8 | 581.3 | 569.7 | 565.8 | 565.8 |
| 60° | 651.2 | 655.0 | 643.3 | 627.8 | 612.4 | 585.2 | 562.0 | 546.5 | 534.9 | 530.9 | 530.9 |
| 61° | 620.1 | 620.1 | 612.4 | 593.0 | 573.6 | 554.2 | 530.9 | 511.6 | 503.8 | 496.1 | 496.1 |
| 62° | 593.0 | 585.2 | 581.3 | 562.0 | 542.6 | 519.3 | 500.0 | 480.6 | 468.9 | 461.2 | 465.0 |
| 63° | 558.1 | 554.2 | 546.5 | 530.9 | 511.6 | 488.4 | 465.0 | 449.6 | 438.0 | 426.4 | 430.2 |
| 64° | 530.9 | 527.0 | 515.4 | 500.0 | 480.6 | 457.3 | 434.1 | 418.5 | 410.8 | 399.2 | 395.3 |
| 65° | 496.1 | 492.2 | 488.4 | 468.9 | 449.6 | 426.4 | 406.9 | 391.4 | 379.8 | 372.1 | 364.3 |
| 66° | 465.0 | 468.9 | 461.2 | 445.7 | 422.5 | 403.1 | 376.0 | 360.4 | 352.7 | 341.1 | 333.3 |
| 67° | 438.0 | 438.0 | 430.2 | 414.7 | 391.4 | 372.1 | 352.7 | 333.3 | 321.7 | 310.1 | 306.1 |
| 67.5° | 422.5 | 422.5 | 414.7 | 395.3 | 379.8 | 356.5 | 337.2 | 321.7 | 306.1 | 298.4 | 290.7 |
| 68° | 406.9 | 406.9 | 403.1 | 387.6 | 368.2 | 344.9 | 325.6 | 306.1 | 290.7 | 279.1 | 275.2 |
| 69° | 379.8 | 383.7 | 376.0 | 360.4 | 341.1 | 317.8 | 298.4 | 282.9 | 267.5 | 255.8 | 248.0 |
| 70° | 356.5 | 352.7 | 344.9 | 329.4 | 310.1 | 294.5 | 275.2 | 255.8 | 240.3 | 224.8 | 220.9 |
| 71° | 325.6 | 325.6 | 317.8 | 306.1 | 286.8 | 267.5 | 248.0 | 232.5 | 217.1 | 197.7 | 193.7 |
| 72° | 302.3 | 302.3 | 294.5 | 279.1 | 263.6 | 244.1 | 224.8 | 205.5 | 193.7 | 174.4 | 166.7 |
| 72.5° | 286.8 | 290.7 | 282.9 | 267.5 | 251.9 | 228.7 | 213.2 | 197.7 | 178.3 | 162.8 | 155.1 |
| 73° | 279.1 | 275.2 | 271.3 | 255.8 | 236.4 | 220.9 | 201.6 | 186.0 | 166.7 | 151.2 | 143.5 |



TEST NUMBER: P585042
 CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 77.5° | 174.4 | 174.4 | 170.5 | 155.1 | 139.5 | 124.0 | 108.5 | 93.1 | 77.5 | 62.0 | 54.3 |
| 80° | 120.1 | 124.0 | 116.3 | 108.5 | 96.9 | 81.3 | 65.9 | 54.3 | 38.8 | 31.1 | 23.2 |
| 82.5° | 77.5 | 77.5 | 73.6 | 65.9 | 58.1 | 46.5 | 38.8 | 27.1 | 19.3 | 15.5 | 11.6 |
| 85° | 38.8 | 42.7 | 38.8 | 34.9 | 27.1 | 23.2 | 19.3 | 11.6 | 7.7 | 3.9 | 3.9 |
| 87.5° | 15.5 | 15.5 | 15.5 | 11.6 | 11.6 | 7.7 | 3.9 | 3.9 | 3.9 | 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: P585042

CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 | 2860.3 |
| 2.5° | 2848.7 | 2848.7 | 2840.9 | 2837.1 | 2833.2 | 2829.2 | 2825.3 | 2821.5 | 2821.5 | 2825.3 |
| 5° | 2825.3 | 2817.6 | 2802.1 | 2798.3 | 2786.7 | 2782.8 | 2774.9 | 2771.1 | 2774.9 | 2771.1 |
| 7.5° | 2790.5 | 2774.9 | 2755.6 | 2747.9 | 2732.4 | 2724.7 | 2712.9 | 2712.9 | 2705.2 | 2709.1 |
| 10° | 2744.0 | 2720.8 | 2697.5 | 2682.0 | 2670.4 | 2658.7 | 2650.9 | 2643.2 | 2639.3 | 2639.3 |
| 12.5° | 2685.9 | 2658.7 | 2635.5 | 2612.3 | 2592.8 | 2585.1 | 2569.6 | 2569.6 | 2561.9 | 2558.0 |
| 15° | 2620.0 | 2585.1 | 2558.0 | 2534.7 | 2519.2 | 2503.7 | 2492.0 | 2484.3 | 2476.6 | 2476.6 |
| 17.5° | 2534.7 | 2503.7 | 2476.6 | 2449.5 | 2426.2 | 2414.6 | 2403.0 | 2391.3 | 2391.3 | 2383.5 |
| 20° | 2441.7 | 2406.8 | 2383.5 | 2356.4 | 2337.1 | 2317.6 | 2302.2 | 2302.2 | 2294.4 | 2298.3 |
| 22.5° | 2337.1 | 2294.4 | 2271.1 | 2251.8 | 2232.4 | 2217.0 | 2201.4 | 2201.4 | 2197.5 | 2193.6 |
| 25° | 2220.8 | 2185.9 | 2158.7 | 2135.5 | 2123.9 | 2108.4 | 2104.6 | 2096.7 | 2092.8 | 2092.8 |
| 27.5° | 2096.7 | 2069.6 | 2034.7 | 2023.1 | 2007.6 | 1999.9 | 1999.9 | 1996.0 | 1988.2 | 1992.2 |
| 30° | 1965.0 | 1933.9 | 1914.6 | 1906.8 | 1891.4 | 1891.4 | 1887.5 | 1879.8 | 1879.8 | 1883.6 |
| 32.5° | 1837.1 | 1806.1 | 1790.6 | 1786.7 | 1771.2 | 1771.2 | 1767.4 | 1771.2 | 1771.2 | 1775.1 |
| 35° | 1697.5 | 1670.5 | 1666.6 | 1655.0 | 1651.0 | 1651.0 | 1651.0 | 1658.8 | 1666.6 | 1655.0 |
| 37.5° | 1565.8 | 1546.5 | 1534.7 | 1530.9 | 1534.7 | 1534.7 | 1538.6 | 1550.3 | 1546.5 | 1542.6 |
| 40° | 1430.1 | 1414.6 | 1406.9 | 1406.9 | 1414.6 | 1422.3 | 1422.3 | 1434.1 | 1437.9 | 1434.1 |
| 42.5° | 1294.5 | 1282.9 | 1282.9 | 1286.7 | 1294.5 | 1298.3 | 1309.9 | 1321.7 | 1325.5 | 1329.4 |
| 45° | 1166.6 | 1166.6 | 1166.6 | 1170.5 | 1174.3 | 1182.1 | 1197.5 | 1209.3 | 1213.1 | 1217.0 |
| 47.5° | 1042.6 | 1038.7 | 1050.3 | 1054.2 | 1065.8 | 1069.7 | 1081.3 | 1096.9 | 1100.7 | 1104.6 |
| 50° | 926.3 | 934.1 | 938.0 | 949.6 | 957.3 | 957.3 | 972.8 | 980.5 | 992.2 | 992.2 |
| 52.5° | 817.8 | 829.4 | 833.3 | 844.9 | 848.8 | 852.6 | 860.4 | 872.1 | 879.8 | 879.8 |
| 55° | 720.9 | 724.8 | 732.5 | 736.4 | 748.0 | 751.8 | 759.7 | 763.6 | 775.2 | 771.3 |
| 56° | 678.2 | 686.0 | 689.8 | 697.6 | 705.4 | 709.3 | 717.0 | 720.9 | 728.6 | 732.5 |
| 57° | 639.4 | 643.3 | 655.0 | 658.9 | 666.6 | 666.6 | 670.5 | 682.1 | 682.1 | 686.0 |
| 58° | 600.8 | 608.5 | 612.4 | 616.2 | 624.0 | 627.8 | 635.6 | 639.4 | 643.3 | 639.4 |
| 59° | 565.8 | 569.7 | 573.6 | 573.6 | 581.3 | 581.3 | 593.0 | 600.8 | 604.6 | 604.6 |
| 60° | 530.9 | 530.9 | 534.9 | 538.8 | 546.5 | 550.4 | 550.4 | 558.1 | 558.1 | 558.1 |
| 61° | 496.1 | 496.1 | 500.0 | 503.8 | 507.7 | 507.7 | 515.4 | 515.4 | 519.3 | 523.2 |
| 62° | 465.0 | 461.2 | 461.2 | 465.0 | 465.0 | 472.8 | 476.7 | 480.6 | 484.5 | 480.6 |
| 63° | 430.2 | 426.4 | 426.4 | 426.4 | 426.4 | 434.1 | 434.1 | 438.0 | 445.7 | 441.8 |
| 64° | 391.4 | 391.4 | 391.4 | 391.4 | 395.3 | 395.3 | 403.1 | 406.9 | 410.8 | 414.7 |
| 65° | 364.3 | 356.5 | 352.7 | 352.7 | 356.5 | 360.4 | 364.3 | 368.2 | 372.1 | 372.1 |
| 66° | 333.3 | 325.6 | 321.7 | 321.7 | 321.7 | 321.7 | 329.4 | 329.4 | 337.2 | 337.2 |
| 67° | 298.4 | 290.7 | 286.8 | 282.9 | 282.9 | 282.9 | 294.5 | 290.7 | 290.7 | 290.7 |
| 67.5° | 286.8 | 275.2 | 271.3 | 267.5 | 263.6 | 271.3 | 267.5 | 271.3 | 271.3 | 267.5 |
| 68° | 271.3 | 263.6 | 255.8 | 248.0 | 248.0 | 248.0 | 251.9 | 255.8 | 251.9 | 248.0 |
| 69° | 240.3 | 236.4 | 224.8 | 217.1 | 213.2 | 217.1 | 213.2 | 217.1 | 213.2 | 217.1 |
| 70° | 213.2 | 201.6 | 189.9 | 186.0 | 182.1 | 182.1 | 182.1 | 178.3 | 182.1 | 178.3 |
| 71° | 186.0 | 174.4 | 162.8 | 155.1 | 151.2 | 151.2 | 147.3 | 151.2 | 147.3 | 151.2 |
| 72° | 158.9 | 147.3 | 131.7 | 124.0 | 124.0 | 124.0 | 124.0 | 120.1 | 124.0 | 120.1 |
| 72.5° | 147.3 | 131.7 | 120.1 | 112.4 | 108.5 | 108.5 | 108.5 | 108.5 | 104.7 | 108.5 |
| 73° | 135.6 | 120.1 | 104.7 | 100.8 | 100.8 | 100.8 | 96.9 | 93.1 | 96.9 | 96.9 |



TEST NUMBER: P585042
CATALOG NUMBER: HCC8W55D010BZ-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 46.5 | 34.9 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 27.1 | 27.1 |
| 80° | 19.3 | 15.5 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 |
| 82.5° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 85° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 87.5° | 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 |

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Peachtree City, GA 30269

Scaled Data Report



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

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Peachtree City, GA 30269



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|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 74° | 251.9 | 251.9 | 244.1 | 232.5 | 213.2 | 193.7 | 178.3 | 162.8 | 143.5 | 124.0 | 116.3 |
| 75° | 232.5 | 228.7 | 220.9 | 209.3 | 193.7 | 174.4 | 158.9 | 139.5 | 124.0 | 104.7 | 96.9 |

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|-----|-------|------|------|------|------|------|------|------|------|------|
| 74° | 112.4 | 93.1 | 85.3 | 77.5 | 77.5 | 77.5 | 73.6 | 73.6 | 73.6 | 77.5 |
| 75° | 89.2 | 73.6 | 65.9 | 58.1 | 62.0 | 58.1 | 62.0 | 58.1 | 58.1 | 58.1 |

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