

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: P585195

Luminaire Tested: **HCC8W80D010MW-HM86080827-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585195
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: HCC8W80D010MW-HM86080827-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

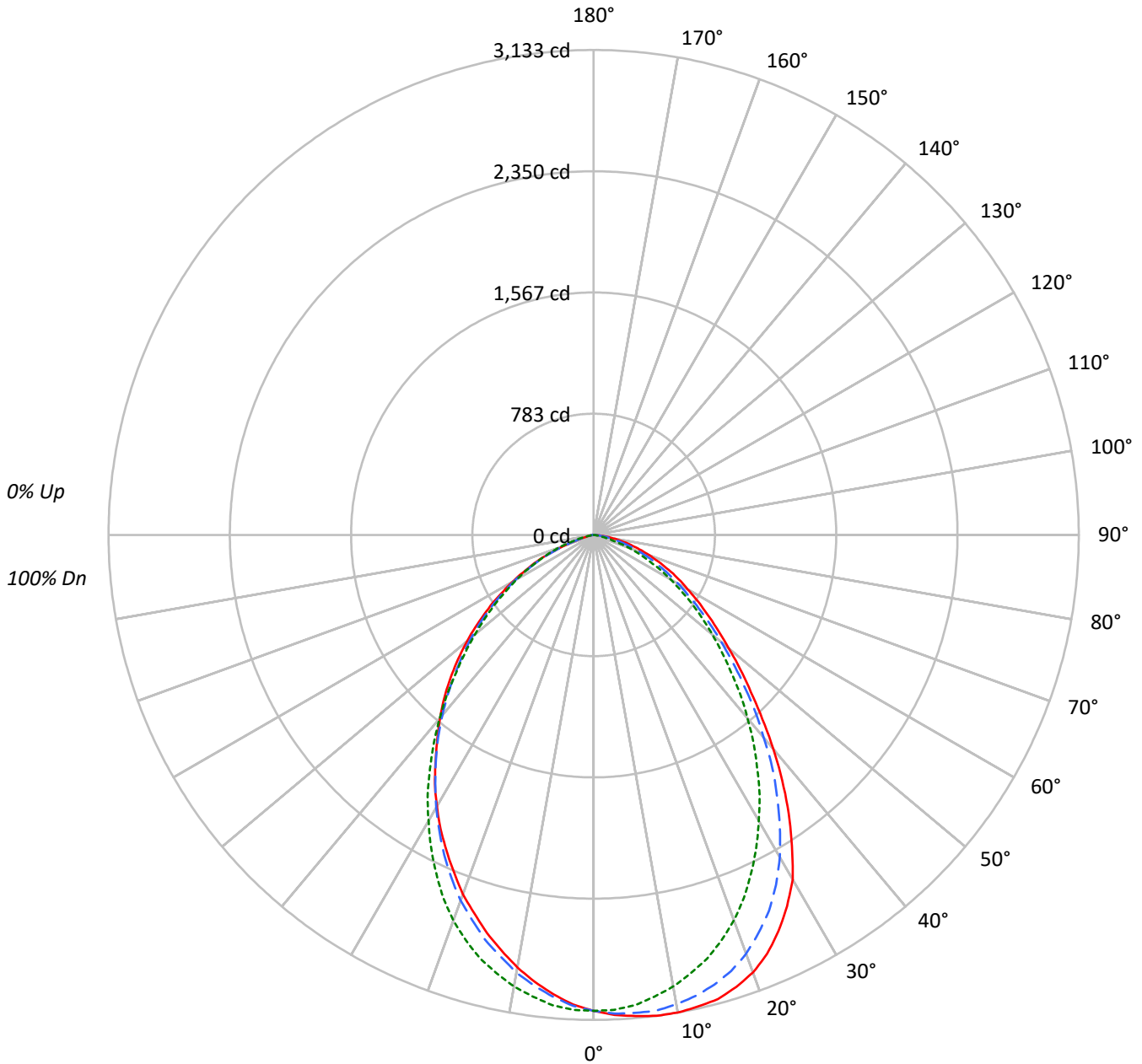
Lumens per Lamp: N/A
Luminaire Lumens: 5763.9 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 70
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: P585195
CATALOG NUMBER: HCC8W80D010MW-HM86080827-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P585195

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 94809 | 94809 | 94809 |
| 5° | 96589 | 94401 | 92206 |
| 10° | 98097 | 92752 | 88838 |
| 15° | 99086 | 90441 | 84988 |
| 20° | 98705 | 86951 | 81070 |
| 25° | 96108 | 81933 | 76544 |
| 30° | 91527 | 75953 | 72093 |
| 35° | 82652 | 69318 | 66969 |
| 40° | 72618 | 62221 | 62047 |
| 45° | 62679 | 54686 | 57045 |
| 50° | 54564 | 47963 | 51163 |
| 55° | 48375 | 41660 | 44574 |
| 60° | 43171 | 35197 | 37004 |
| 65° | 38912 | 28580 | 29186 |
| 70° | 34558 | 21404 | 17284 |
| 75° | 29774 | 12415 | 7446 |
| 80° | 22925 | 4439 | 2220 |
| 85° | 14718 | 1486 | 1486 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 288.6 | 5.0 |
| 10°-20° | 803.5 | 13.9 |
| 20°-30° | 1136.4 | 19.7 |
| 30°-40° | 1197.5 | 20.8 |
| 40°-50° | 1017.7 | 17.7 |
| 50°-60° | 732.8 | 12.7 |
| 60°-70° | 422.8 | 7.3 |
| 70°-80° | 144.6 | 2.5 |
| 80°-90° | 19.9 | 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° | 2228.6 | 38.7 |
| 0°-40° | 3426.1 | 59.4 |
| 0°-60° | 5176.6 | 89.8 |
| 0°-90° | 5763.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5763.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3075 | 3075 | 3075 | 3075 | 3075 | |
| 5° | 3120 | 3100 | 3050 | 2995 | 2979 | 298 |
| 15° | 3104 | 3008 | 2833 | 2708 | 2662 | 874 |
| 25° | 2825 | 2679 | 2408 | 2283 | 2250 | 1295 |
| 35° | 2196 | 2066 | 1841 | 1775 | 1779 | 1367 |
| 45° | 1437 | 1371 | 1254 | 1262 | 1308 | 1117 |
| 55° | 900 | 829 | 775 | 804 | 829 | 810 |
| 65° | 533 | 458 | 392 | 383 | 400 | 530 |
| 75° | 250 | 188 | 104 | 67 | 62 | 264 |
| 85° | 42 | 25 | 4 | 4 | 4 | 56 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585195

CATALOG NUMBER: HCC8W80D010MW-HM86080827-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 |
| 2.5° | 3103.8 | 3107.9 | 3103.8 | 3103.8 | 3099.6 | 3095.4 | 3091.3 | 3087.1 | 3078.8 | 3070.5 | 3070.5 |
| 5° | 3120.4 | 3128.7 | 3120.4 | 3120.4 | 3107.9 | 3099.6 | 3091.3 | 3078.8 | 3062.2 | 3049.7 | 3049.7 |
| 7.5° | 3132.9 | 3132.9 | 3132.9 | 3120.4 | 3112.1 | 3099.6 | 3078.8 | 3058.0 | 3037.1 | 3016.3 | 3007.9 |
| 10° | 3132.9 | 3132.9 | 3128.7 | 3112.1 | 3103.8 | 3078.8 | 3058.0 | 3028.7 | 2999.6 | 2970.5 | 2962.2 |
| 12.5° | 3120.4 | 3124.6 | 3116.3 | 3099.6 | 3078.8 | 3049.7 | 3020.4 | 2983.0 | 2949.7 | 2916.3 | 2899.6 |
| 15° | 3103.8 | 3099.6 | 3091.3 | 3070.5 | 3045.5 | 3007.9 | 2978.8 | 2937.2 | 2891.3 | 2849.7 | 2833.0 |
| 17.5° | 3062.2 | 3062.2 | 3049.7 | 3028.7 | 2995.4 | 2953.8 | 2907.9 | 2862.2 | 2812.1 | 2766.3 | 2745.5 |
| 20° | 3007.9 | 3007.9 | 2991.3 | 2966.3 | 2933.0 | 2878.8 | 2828.9 | 2774.7 | 2716.3 | 2670.5 | 2649.7 |
| 22.5° | 2928.7 | 2933.0 | 2912.1 | 2883.0 | 2845.5 | 2783.0 | 2733.0 | 2666.3 | 2608.0 | 2553.9 | 2537.2 |
| 25° | 2824.7 | 2833.0 | 2812.1 | 2783.0 | 2733.0 | 2678.8 | 2616.4 | 2553.9 | 2487.2 | 2433.1 | 2408.1 |
| 27.5° | 2703.8 | 2707.9 | 2687.1 | 2658.0 | 2608.0 | 2549.7 | 2487.2 | 2420.6 | 2358.0 | 2299.8 | 2274.7 |
| 30° | 2570.5 | 2553.9 | 2545.5 | 2508.1 | 2453.9 | 2403.9 | 2333.1 | 2278.8 | 2212.3 | 2162.2 | 2133.1 |
| 32.5° | 2383.0 | 2391.3 | 2366.3 | 2337.2 | 2295.6 | 2237.2 | 2178.8 | 2116.4 | 2053.9 | 2016.4 | 1995.6 |
| 35° | 2195.6 | 2203.9 | 2191.4 | 2162.2 | 2116.4 | 2066.4 | 2008.1 | 1962.2 | 1908.1 | 1862.2 | 1841.4 |
| 37.5° | 1999.8 | 1999.8 | 1991.5 | 1974.8 | 1941.4 | 1895.6 | 1837.2 | 1791.5 | 1745.6 | 1708.1 | 1695.6 |
| 40° | 1804.0 | 1795.6 | 1791.5 | 1779.0 | 1749.7 | 1708.1 | 1670.7 | 1633.1 | 1587.3 | 1562.3 | 1545.7 |
| 42.5° | 1612.3 | 1612.3 | 1604.0 | 1591.5 | 1562.3 | 1541.4 | 1504.0 | 1462.4 | 1428.9 | 1404.0 | 1404.0 |
| 45° | 1437.3 | 1441.5 | 1428.9 | 1420.6 | 1404.0 | 1370.7 | 1337.4 | 1308.1 | 1279.0 | 1262.4 | 1254.0 |
| 47.5° | 1283.2 | 1283.2 | 1270.7 | 1262.4 | 1245.7 | 1216.5 | 1187.3 | 1162.4 | 1141.6 | 1129.1 | 1124.9 |
| 50° | 1137.4 | 1137.4 | 1137.4 | 1116.5 | 1095.7 | 1074.9 | 1054.0 | 1024.9 | 1012.3 | 1004.0 | 999.8 |
| 52.5° | 1012.3 | 1008.2 | 1008.2 | 991.5 | 970.7 | 945.7 | 924.9 | 899.8 | 887.4 | 879.0 | 883.2 |
| 55° | 899.8 | 899.8 | 895.7 | 874.9 | 854.1 | 829.1 | 808.3 | 787.4 | 779.0 | 770.7 | 774.9 |
| 56° | 854.1 | 854.1 | 849.9 | 833.3 | 808.3 | 787.4 | 762.4 | 741.6 | 729.1 | 733.3 | 733.3 |
| 57° | 820.8 | 812.4 | 812.4 | 791.5 | 770.7 | 741.6 | 720.8 | 700.0 | 691.5 | 687.4 | 687.4 |
| 58° | 779.0 | 774.9 | 770.7 | 749.9 | 729.1 | 704.1 | 683.2 | 662.4 | 649.9 | 649.9 | 645.7 |
| 59° | 737.4 | 737.4 | 729.1 | 712.4 | 691.5 | 666.6 | 645.7 | 624.9 | 612.5 | 608.3 | 608.3 |
| 60° | 700.0 | 704.1 | 691.5 | 674.9 | 658.2 | 629.1 | 604.1 | 587.5 | 574.9 | 570.7 | 570.7 |
| 61° | 666.6 | 666.6 | 658.2 | 637.4 | 616.6 | 595.8 | 570.7 | 549.9 | 541.6 | 533.3 | 533.3 |
| 62° | 637.4 | 629.1 | 624.9 | 604.1 | 583.2 | 558.2 | 537.4 | 516.6 | 504.1 | 495.8 | 500.0 |
| 63° | 600.0 | 595.8 | 587.5 | 570.7 | 549.9 | 524.9 | 500.0 | 483.3 | 470.7 | 458.2 | 462.4 |
| 64° | 570.7 | 566.6 | 554.1 | 537.4 | 516.6 | 491.7 | 466.6 | 449.9 | 441.6 | 429.1 | 424.9 |
| 65° | 533.3 | 529.1 | 524.9 | 504.1 | 483.3 | 458.2 | 437.4 | 420.8 | 408.3 | 400.0 | 391.7 |
| 66° | 500.0 | 504.1 | 495.8 | 479.0 | 454.1 | 433.3 | 404.1 | 387.5 | 379.2 | 366.6 | 358.2 |
| 67° | 470.7 | 470.7 | 462.4 | 445.8 | 420.8 | 400.0 | 379.2 | 358.2 | 345.8 | 333.3 | 329.1 |
| 67.5° | 454.1 | 454.1 | 445.8 | 424.9 | 408.3 | 383.3 | 362.4 | 345.8 | 329.1 | 320.8 | 312.5 |
| 68° | 437.4 | 437.4 | 433.3 | 416.6 | 395.8 | 370.7 | 349.9 | 329.1 | 312.5 | 300.0 | 295.8 |
| 69° | 408.3 | 412.5 | 404.1 | 387.5 | 366.6 | 341.6 | 320.8 | 304.1 | 287.5 | 275.0 | 266.7 |
| 70° | 383.3 | 379.2 | 370.7 | 354.1 | 333.3 | 316.6 | 295.8 | 275.0 | 258.3 | 241.6 | 237.4 |
| 71° | 349.9 | 349.9 | 341.6 | 329.1 | 308.3 | 287.5 | 266.7 | 249.9 | 233.3 | 212.5 | 208.3 |
| 72° | 325.0 | 325.0 | 316.6 | 300.0 | 283.3 | 262.4 | 241.6 | 220.8 | 208.3 | 187.5 | 179.2 |
| 72.5° | 308.3 | 312.5 | 304.1 | 287.5 | 270.9 | 245.8 | 229.1 | 212.5 | 191.7 | 175.0 | 166.7 |
| 73° | 300.0 | 295.8 | 291.7 | 275.0 | 254.1 | 237.4 | 216.6 | 200.0 | 179.2 | 162.5 | 154.1 |



TEST NUMBER: P585195
 CATALOG NUMBER: HCC8W80D010MW-HM86080827-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 77.5° | 187.5 | 187.5 | 183.3 | 166.7 | 149.9 | 133.3 | 116.6 | 100.0 | 83.3 | 66.7 | 58.4 |
| 80° | 129.1 | 133.3 | 125.0 | 116.6 | 104.2 | 87.5 | 70.9 | 58.4 | 41.6 | 33.3 | 25.0 |
| 82.5° | 83.3 | 83.3 | 79.2 | 70.9 | 62.5 | 49.9 | 41.6 | 29.1 | 20.8 | 16.6 | 12.5 |
| 85° | 41.6 | 45.8 | 41.6 | 37.5 | 29.1 | 25.0 | 20.8 | 12.5 | 8.3 | 4.2 | 4.2 |
| 87.5° | 16.6 | 16.6 | 16.6 | 12.5 | 12.5 | 8.3 | 4.2 | 4.2 | 4.2 | 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: P585195

CATALOG NUMBER: HCC8W80D010MW-HM86080827-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 | 3074.6 |
| 2.5° | 3062.2 | 3062.2 | 3053.8 | 3049.7 | 3045.5 | 3041.3 | 3037.1 | 3032.9 | 3032.9 | 3037.1 |
| 5° | 3037.1 | 3028.7 | 3012.1 | 3007.9 | 2995.4 | 2991.3 | 2983.0 | 2978.8 | 2983.0 | 2978.8 |
| 7.5° | 2999.6 | 2983.0 | 2962.2 | 2953.8 | 2937.2 | 2928.7 | 2916.3 | 2916.3 | 2907.9 | 2912.1 |
| 10° | 2949.7 | 2924.6 | 2899.6 | 2883.0 | 2870.5 | 2858.0 | 2849.7 | 2841.4 | 2837.2 | 2837.2 |
| 12.5° | 2887.1 | 2858.0 | 2833.0 | 2807.9 | 2787.1 | 2778.8 | 2762.2 | 2762.2 | 2753.8 | 2749.7 |
| 15° | 2816.3 | 2778.8 | 2749.7 | 2724.7 | 2707.9 | 2691.3 | 2678.8 | 2670.5 | 2662.2 | 2662.2 |
| 17.5° | 2724.7 | 2691.3 | 2662.2 | 2633.0 | 2608.0 | 2595.5 | 2583.0 | 2570.5 | 2570.5 | 2562.2 |
| 20° | 2624.7 | 2587.1 | 2562.2 | 2533.0 | 2512.2 | 2491.3 | 2474.7 | 2474.7 | 2466.3 | 2470.5 |
| 22.5° | 2512.2 | 2466.3 | 2441.4 | 2420.6 | 2399.8 | 2383.0 | 2366.3 | 2366.3 | 2362.2 | 2358.0 |
| 25° | 2387.2 | 2349.7 | 2320.6 | 2295.6 | 2283.0 | 2266.4 | 2262.2 | 2253.9 | 2249.7 | 2249.7 |
| 27.5° | 2253.9 | 2224.7 | 2187.3 | 2174.7 | 2158.0 | 2149.7 | 2149.7 | 2145.6 | 2137.2 | 2141.4 |
| 30° | 2112.3 | 2079.0 | 2058.0 | 2049.7 | 2033.1 | 2033.1 | 2028.9 | 2020.6 | 2020.6 | 2024.7 |
| 32.5° | 1974.8 | 1941.4 | 1924.8 | 1920.6 | 1903.9 | 1903.9 | 1899.8 | 1903.9 | 1903.9 | 1908.1 |
| 35° | 1824.8 | 1795.6 | 1791.5 | 1779.0 | 1774.8 | 1774.8 | 1774.8 | 1783.1 | 1791.5 | 1779.0 |
| 37.5° | 1683.1 | 1662.3 | 1649.7 | 1645.6 | 1649.7 | 1649.7 | 1654.0 | 1666.5 | 1662.3 | 1658.2 |
| 40° | 1537.3 | 1520.6 | 1512.3 | 1512.3 | 1520.6 | 1528.9 | 1528.9 | 1541.4 | 1545.7 | 1541.4 |
| 42.5° | 1391.5 | 1379.0 | 1379.0 | 1383.2 | 1391.5 | 1395.6 | 1408.1 | 1420.6 | 1424.8 | 1428.9 |
| 45° | 1254.0 | 1254.0 | 1254.0 | 1258.2 | 1262.4 | 1270.7 | 1287.3 | 1299.8 | 1304.0 | 1308.1 |
| 47.5° | 1120.8 | 1116.5 | 1129.1 | 1133.2 | 1145.7 | 1149.9 | 1162.4 | 1179.0 | 1183.2 | 1187.3 |
| 50° | 995.7 | 1004.0 | 1008.2 | 1020.8 | 1029.1 | 1029.1 | 1045.7 | 1054.0 | 1066.5 | 1066.5 |
| 52.5° | 879.0 | 891.5 | 895.7 | 908.3 | 912.4 | 916.6 | 924.9 | 937.4 | 945.7 | 945.7 |
| 55° | 774.9 | 779.0 | 787.4 | 791.5 | 804.1 | 808.3 | 816.6 | 820.8 | 833.3 | 829.1 |
| 56° | 729.1 | 737.4 | 741.6 | 749.9 | 758.2 | 762.4 | 770.7 | 774.9 | 783.2 | 787.4 |
| 57° | 687.4 | 691.5 | 704.1 | 708.3 | 716.6 | 716.6 | 720.8 | 733.3 | 733.3 | 737.4 |
| 58° | 645.7 | 654.1 | 658.2 | 662.4 | 670.7 | 674.9 | 683.2 | 687.4 | 691.5 | 687.4 |
| 59° | 608.3 | 612.5 | 616.6 | 616.6 | 624.9 | 624.9 | 637.4 | 645.7 | 649.9 | 649.9 |
| 60° | 570.7 | 570.7 | 574.9 | 579.0 | 587.5 | 591.6 | 591.6 | 600.0 | 600.0 | 600.0 |
| 61° | 533.3 | 533.3 | 537.4 | 541.6 | 545.8 | 545.8 | 554.1 | 554.1 | 558.2 | 562.4 |
| 62° | 500.0 | 495.8 | 495.8 | 500.0 | 500.0 | 508.3 | 512.5 | 516.6 | 520.8 | 516.6 |
| 63° | 462.4 | 458.2 | 458.2 | 458.2 | 458.2 | 466.6 | 466.6 | 470.7 | 479.0 | 474.9 |
| 64° | 420.8 | 420.8 | 420.8 | 420.8 | 424.9 | 424.9 | 433.3 | 437.4 | 441.6 | 445.8 |
| 65° | 391.7 | 383.3 | 379.2 | 379.2 | 383.3 | 387.5 | 391.7 | 395.8 | 400.0 | 400.0 |
| 66° | 358.2 | 349.9 | 345.8 | 345.8 | 345.8 | 345.8 | 354.1 | 354.1 | 362.4 | 362.4 |
| 67° | 320.8 | 312.5 | 308.3 | 304.1 | 304.1 | 304.1 | 316.6 | 312.5 | 312.5 | 312.5 |
| 67.5° | 308.3 | 295.8 | 291.7 | 287.5 | 283.3 | 291.7 | 287.5 | 291.7 | 291.7 | 287.5 |
| 68° | 291.7 | 283.3 | 275.0 | 266.7 | 266.7 | 266.7 | 270.9 | 275.0 | 270.9 | 266.7 |
| 69° | 258.3 | 254.1 | 241.6 | 233.3 | 229.1 | 233.3 | 229.1 | 233.3 | 229.1 | 233.3 |
| 70° | 229.1 | 216.6 | 204.2 | 200.0 | 195.8 | 195.8 | 195.8 | 191.7 | 195.8 | 191.7 |
| 71° | 200.0 | 187.5 | 175.0 | 166.7 | 162.5 | 162.5 | 158.3 | 162.5 | 158.3 | 162.5 |
| 72° | 170.9 | 158.3 | 141.6 | 133.3 | 133.3 | 133.3 | 133.3 | 129.1 | 133.3 | 129.1 |
| 72.5° | 158.3 | 141.6 | 129.1 | 120.8 | 116.6 | 116.6 | 116.6 | 116.6 | 112.5 | 116.6 |
| 73° | 145.8 | 129.1 | 112.5 | 108.3 | 108.3 | 108.3 | 104.2 | 100.0 | 104.2 | 104.2 |



TEST NUMBER: P585195
CATALOG NUMBER: HCC8W80D010MW-HM86080827-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 49.9 | 37.5 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 29.1 | 29.1 |
| 80° | 20.8 | 16.6 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |
| 82.5° | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 | 8.3 |
| 85° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 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° | 270.9 | 270.9 | 262.4 | 249.9 | 229.1 | 208.3 | 191.7 | 175.0 | 154.1 | 133.3 | 125.0 |
| 75° | 249.9 | 245.8 | 237.4 | 225.0 | 208.3 | 187.5 | 170.9 | 149.9 | 133.3 | 112.5 | 104.2 |

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| | | | | | | | | | | |
|-----|-------|-------|------|------|------|------|------|------|------|------|
| 74° | 120.8 | 100.0 | 91.7 | 83.3 | 83.3 | 83.3 | 79.2 | 79.2 | 79.2 | 83.3 |
| 75° | 95.8 | 79.2 | 70.9 | 62.5 | 66.7 | 62.5 | 66.7 | 62.5 | 62.5 | 62.5 |

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