

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: P584702

Luminaire Tested: **HCC8W45D010BZ-HM82555840-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584702
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: HCC8W45D010BZ-HM82555840-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

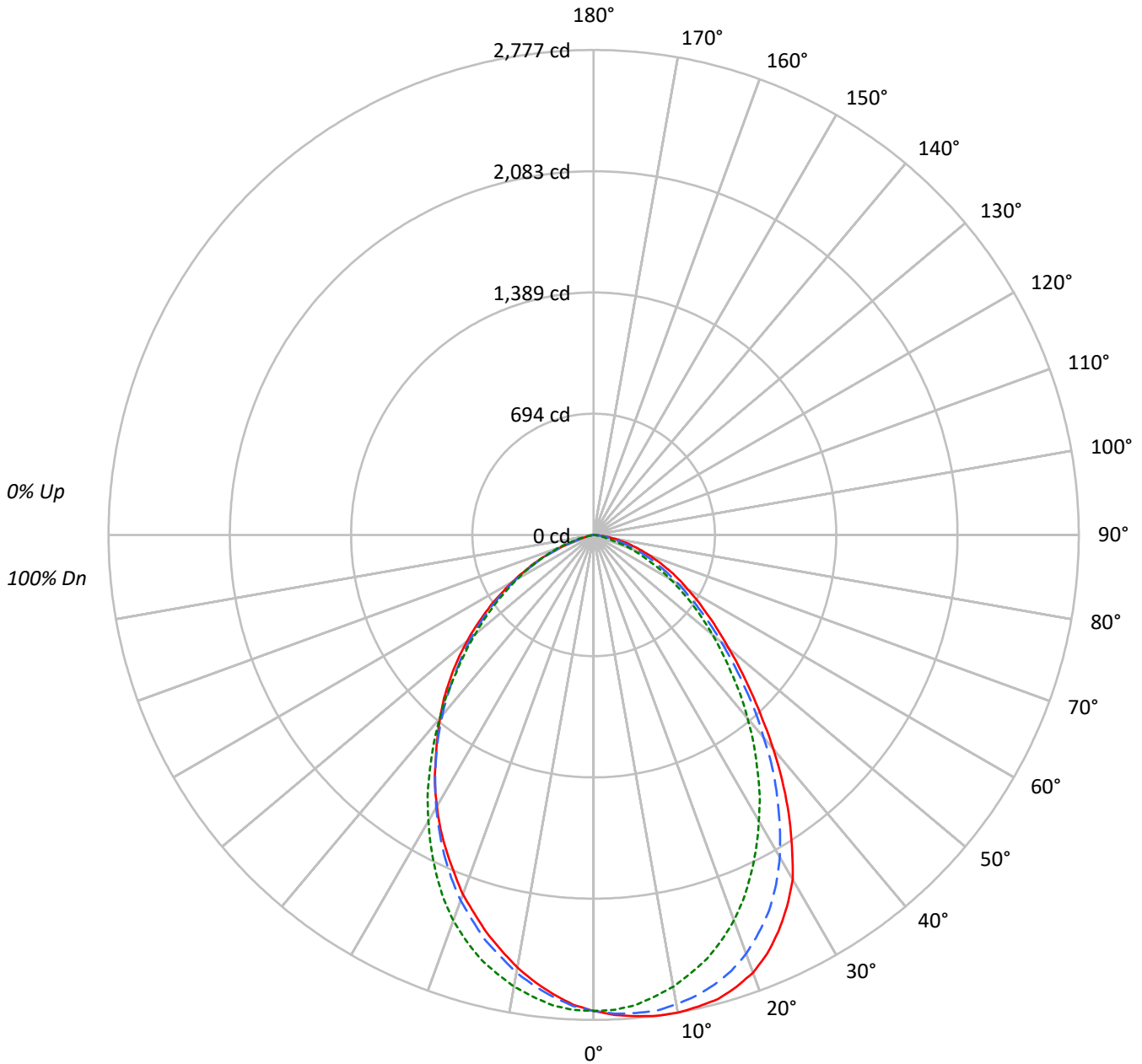
Lumens per Lamp: N/A
Luminaire Lumens: 5109.7 lumens
Efficiency: N/A
Efficacy: 116.1 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 44
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: P584702
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Luminous Intensity Polar Plot



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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° | 84051 | 84051 | 84051 |
| 5° | 85628 | 83684 | 81744 |
| 10° | 86966 | 82225 | 78753 |
| 15° | 87839 | 80177 | 75344 |
| 20° | 87505 | 77080 | 71869 |
| 25° | 85200 | 72631 | 67861 |
| 30° | 81141 | 67332 | 63910 |
| 35° | 73271 | 61454 | 59369 |
| 40° | 64378 | 55156 | 55007 |
| 45° | 55567 | 48480 | 50574 |
| 50° | 48371 | 42523 | 45353 |
| 55° | 42891 | 36929 | 39515 |
| 60° | 38268 | 31206 | 32798 |
| 65° | 34491 | 25333 | 25873 |
| 70° | 30636 | 18988 | 15318 |
| 75° | 26402 | 10997 | 6600 |
| 80° | 20333 | 3942 | 1953 |
| 85° | 13055 | 1274 | 1274 |

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Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 255.9 | 5.0 |
| 10°-20° | 712.3 | 13.9 |
| 20°-30° | 1007.5 | 19.7 |
| 30°-40° | 1061.6 | 20.8 |
| 40°-50° | 902.2 | 17.7 |
| 50°-60° | 649.7 | 12.7 |
| 60°-70° | 374.8 | 7.3 |
| 70°-80° | 128.2 | 2.5 |
| 80°-90° | 17.6 | 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° | 1975.6 | 38.7 |
| 0°-40° | 3037.2 | 59.4 |
| 0°-60° | 4589.1 | 89.8 |
| 0°-90° | 5109.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5109.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2726 | 2726 | 2726 | 2726 | 2726 | |
| 5° | 2766 | 2748 | 2704 | 2656 | 2641 | 264 |
| 15° | 2752 | 2667 | 2512 | 2401 | 2360 | 775 |
| 25° | 2504 | 2375 | 2135 | 2024 | 1994 | 1148 |
| 35° | 1946 | 1832 | 1632 | 1573 | 1577 | 1212 |
| 45° | 1274 | 1215 | 1112 | 1119 | 1160 | 990 |
| 55° | 798 | 735 | 687 | 713 | 735 | 718 |
| 65° | 473 | 406 | 347 | 340 | 355 | 470 |
| 75° | 222 | 166 | 92 | 59 | 55 | 234 |
| 85° | 37 | 22 | 4 | 4 | 4 | 50 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 |
| 2.5° | 2751.5 | 2755.3 | 2751.5 | 2751.5 | 2747.9 | 2744.1 | 2740.5 | 2736.7 | 2729.3 | 2721.9 | 2721.9 |
| 5° | 2766.3 | 2773.7 | 2766.3 | 2766.3 | 2755.3 | 2747.9 | 2740.5 | 2729.3 | 2714.6 | 2703.5 | 2703.5 |
| 7.5° | 2777.4 | 2777.4 | 2777.4 | 2766.3 | 2758.9 | 2747.9 | 2729.3 | 2710.9 | 2692.4 | 2674.0 | 2666.6 |
| 10° | 2777.4 | 2777.4 | 2773.7 | 2758.9 | 2751.5 | 2729.3 | 2710.9 | 2685.0 | 2659.2 | 2633.4 | 2626.0 |
| 12.5° | 2766.3 | 2770.0 | 2762.6 | 2747.9 | 2729.3 | 2703.5 | 2677.6 | 2644.4 | 2614.9 | 2585.3 | 2570.5 |
| 15° | 2751.5 | 2747.9 | 2740.5 | 2721.9 | 2699.8 | 2666.6 | 2640.8 | 2603.8 | 2563.1 | 2526.3 | 2511.5 |
| 17.5° | 2714.6 | 2714.6 | 2703.5 | 2685.0 | 2655.6 | 2618.6 | 2577.9 | 2537.3 | 2493.0 | 2452.4 | 2433.9 |
| 20° | 2666.6 | 2666.6 | 2651.8 | 2629.6 | 2600.1 | 2552.1 | 2507.8 | 2459.8 | 2408.1 | 2367.5 | 2348.9 |
| 22.5° | 2596.4 | 2600.1 | 2581.7 | 2555.7 | 2522.5 | 2467.2 | 2422.8 | 2363.7 | 2312.0 | 2264.0 | 2249.2 |
| 25° | 2504.1 | 2511.5 | 2493.0 | 2467.2 | 2422.8 | 2374.9 | 2319.4 | 2264.0 | 2204.9 | 2156.9 | 2134.7 |
| 27.5° | 2397.0 | 2400.7 | 2382.2 | 2356.3 | 2312.0 | 2260.4 | 2204.9 | 2145.8 | 2090.4 | 2038.7 | 2016.5 |
| 30° | 2278.8 | 2264.0 | 2256.6 | 2223.4 | 2175.3 | 2131.1 | 2068.2 | 2020.3 | 1961.1 | 1916.8 | 1891.0 |
| 32.5° | 2112.6 | 2120.0 | 2097.8 | 2072.0 | 2035.0 | 1983.3 | 1931.6 | 1876.2 | 1820.8 | 1787.5 | 1769.1 |
| 35° | 1946.4 | 1953.7 | 1942.7 | 1916.8 | 1876.2 | 1831.9 | 1780.1 | 1739.6 | 1691.6 | 1650.9 | 1632.5 |
| 37.5° | 1772.8 | 1772.8 | 1765.4 | 1750.6 | 1721.1 | 1680.4 | 1628.7 | 1588.1 | 1547.5 | 1514.2 | 1503.2 |
| 40° | 1599.3 | 1591.9 | 1588.1 | 1577.1 | 1551.2 | 1514.2 | 1481.0 | 1447.8 | 1407.1 | 1385.0 | 1370.2 |
| 42.5° | 1429.3 | 1429.3 | 1421.9 | 1410.9 | 1385.0 | 1366.5 | 1333.3 | 1296.4 | 1266.8 | 1244.7 | 1244.7 |
| 45° | 1274.2 | 1277.9 | 1266.8 | 1259.5 | 1244.7 | 1215.1 | 1185.6 | 1159.7 | 1133.8 | 1119.0 | 1111.7 |
| 47.5° | 1137.6 | 1137.6 | 1126.4 | 1119.0 | 1104.3 | 1078.5 | 1052.7 | 1030.5 | 1011.9 | 1000.9 | 997.2 |
| 50° | 1008.3 | 1008.3 | 1008.3 | 989.8 | 971.4 | 952.8 | 934.4 | 908.6 | 897.5 | 890.1 | 886.4 |
| 52.5° | 897.5 | 893.8 | 893.8 | 879.0 | 860.5 | 838.3 | 819.9 | 797.8 | 786.7 | 779.3 | 783.0 |
| 55° | 797.8 | 797.8 | 794.1 | 775.6 | 757.2 | 735.0 | 716.5 | 698.1 | 690.7 | 683.3 | 686.9 |
| 56° | 757.2 | 757.2 | 753.4 | 738.6 | 716.5 | 698.1 | 675.9 | 657.5 | 646.3 | 650.1 | 650.1 |
| 57° | 727.6 | 720.2 | 720.2 | 701.7 | 683.3 | 657.5 | 638.9 | 620.5 | 613.1 | 609.4 | 609.4 |
| 58° | 690.7 | 686.9 | 683.3 | 664.9 | 646.3 | 624.2 | 605.7 | 587.2 | 576.2 | 576.2 | 572.4 |
| 59° | 653.7 | 653.7 | 646.3 | 631.5 | 613.1 | 591.0 | 572.4 | 554.0 | 542.9 | 539.2 | 539.2 |
| 60° | 620.5 | 624.2 | 613.1 | 598.3 | 583.6 | 557.6 | 535.5 | 520.8 | 509.7 | 506.0 | 506.0 |
| 61° | 591.0 | 591.0 | 583.6 | 565.0 | 546.6 | 528.2 | 506.0 | 487.5 | 480.1 | 472.7 | 472.7 |
| 62° | 565.0 | 557.6 | 554.0 | 535.5 | 517.1 | 494.9 | 476.5 | 457.9 | 446.9 | 439.5 | 443.2 |
| 63° | 531.8 | 528.2 | 520.8 | 506.0 | 487.5 | 465.3 | 443.2 | 428.4 | 417.4 | 406.2 | 410.0 |
| 64° | 506.0 | 502.3 | 491.3 | 476.5 | 457.9 | 435.8 | 413.6 | 398.9 | 391.5 | 380.4 | 376.8 |
| 65° | 472.7 | 469.1 | 465.3 | 446.9 | 428.4 | 406.2 | 387.8 | 373.0 | 362.0 | 354.6 | 347.2 |
| 66° | 443.2 | 446.9 | 439.5 | 424.7 | 402.6 | 384.2 | 358.2 | 343.5 | 336.1 | 325.0 | 317.6 |
| 67° | 417.4 | 417.4 | 410.0 | 395.2 | 373.0 | 354.6 | 336.1 | 317.6 | 306.5 | 295.5 | 291.7 |
| 67.5° | 402.6 | 402.6 | 395.2 | 376.8 | 362.0 | 339.8 | 321.3 | 306.5 | 291.7 | 284.3 | 276.9 |
| 68° | 387.8 | 387.8 | 384.2 | 369.4 | 350.8 | 328.7 | 310.3 | 291.7 | 276.9 | 265.9 | 262.3 |
| 69° | 362.0 | 365.6 | 358.2 | 343.5 | 325.0 | 302.9 | 284.3 | 269.6 | 254.9 | 243.7 | 236.4 |
| 70° | 339.8 | 336.1 | 328.7 | 313.9 | 295.5 | 280.7 | 262.3 | 243.7 | 229.0 | 214.2 | 210.6 |
| 71° | 310.3 | 310.3 | 302.9 | 291.7 | 273.3 | 254.9 | 236.4 | 221.6 | 206.8 | 188.4 | 184.6 |
| 72° | 288.1 | 288.1 | 280.7 | 265.9 | 251.1 | 232.7 | 214.2 | 195.8 | 184.6 | 166.2 | 158.8 |
| 72.5° | 273.3 | 276.9 | 269.6 | 254.9 | 240.1 | 217.9 | 203.2 | 188.4 | 169.9 | 155.1 | 147.7 |
| 73° | 265.9 | 262.3 | 258.5 | 243.7 | 225.3 | 210.6 | 192.0 | 177.2 | 158.8 | 144.0 | 136.7 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 77.5° | 166.2 | 166.2 | 162.5 | 147.7 | 133.0 | 118.2 | 103.5 | 88.7 | 73.9 | 59.1 | 51.7 |
| 80° | 114.5 | 118.2 | 110.8 | 103.5 | 92.3 | 77.5 | 62.8 | 51.7 | 36.9 | 29.6 | 22.2 |
| 82.5° | 73.9 | 73.9 | 70.1 | 62.8 | 55.4 | 44.3 | 36.9 | 25.8 | 18.4 | 14.8 | 11.0 |
| 85° | 36.9 | 40.6 | 36.9 | 33.2 | 25.8 | 22.2 | 18.4 | 11.0 | 7.4 | 3.6 | 3.6 |
| 87.5° | 14.8 | 14.8 | 14.8 | 11.0 | 11.0 | 7.4 | 3.6 | 3.6 | 3.6 | 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: P584702

CATALOG NUMBER: HCC8W45D010BZ-HM82555840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 | 2725.7 |
| 2.5° | 2714.6 | 2714.6 | 2707.2 | 2703.5 | 2699.8 | 2696.1 | 2692.4 | 2688.8 | 2688.8 | 2692.4 |
| 5° | 2692.4 | 2685.0 | 2670.2 | 2666.6 | 2655.6 | 2651.8 | 2644.4 | 2640.8 | 2644.4 | 2640.8 |
| 7.5° | 2659.2 | 2644.4 | 2626.0 | 2618.6 | 2603.8 | 2596.4 | 2585.3 | 2585.3 | 2577.9 | 2581.7 |
| 10° | 2614.9 | 2592.7 | 2570.5 | 2555.7 | 2544.7 | 2533.7 | 2526.3 | 2518.9 | 2515.1 | 2515.1 |
| 12.5° | 2559.5 | 2533.7 | 2511.5 | 2489.3 | 2470.8 | 2463.4 | 2448.6 | 2448.6 | 2441.2 | 2437.6 |
| 15° | 2496.7 | 2463.4 | 2437.6 | 2415.4 | 2400.7 | 2385.9 | 2374.9 | 2367.5 | 2360.1 | 2360.1 |
| 17.5° | 2415.4 | 2385.9 | 2360.1 | 2334.2 | 2312.0 | 2301.0 | 2289.8 | 2278.8 | 2278.8 | 2271.4 |
| 20° | 2326.8 | 2293.6 | 2271.4 | 2245.6 | 2227.1 | 2208.6 | 2193.9 | 2193.9 | 2186.5 | 2190.1 |
| 22.5° | 2227.1 | 2186.5 | 2164.3 | 2145.8 | 2127.4 | 2112.6 | 2097.8 | 2097.8 | 2094.2 | 2090.4 |
| 25° | 2116.3 | 2083.0 | 2057.2 | 2035.0 | 2023.9 | 2009.1 | 2005.5 | 1998.1 | 1994.5 | 1994.5 |
| 27.5° | 1998.1 | 1972.3 | 1939.0 | 1927.9 | 1913.2 | 1905.8 | 1905.8 | 1902.0 | 1894.6 | 1898.4 |
| 30° | 1872.5 | 1843.0 | 1824.5 | 1817.1 | 1802.3 | 1802.3 | 1798.7 | 1791.3 | 1791.3 | 1794.9 |
| 32.5° | 1750.6 | 1721.1 | 1706.4 | 1702.6 | 1687.8 | 1687.8 | 1684.2 | 1687.8 | 1687.8 | 1691.6 |
| 35° | 1617.7 | 1591.9 | 1588.1 | 1577.1 | 1573.3 | 1573.3 | 1573.3 | 1580.7 | 1588.1 | 1577.1 |
| 37.5° | 1492.1 | 1473.6 | 1462.6 | 1458.9 | 1462.6 | 1462.6 | 1466.2 | 1477.3 | 1473.6 | 1469.9 |
| 40° | 1362.8 | 1348.0 | 1340.6 | 1340.6 | 1348.0 | 1355.4 | 1355.4 | 1366.5 | 1370.2 | 1366.5 |
| 42.5° | 1233.5 | 1222.5 | 1222.5 | 1226.1 | 1233.5 | 1237.3 | 1248.3 | 1259.5 | 1263.1 | 1266.8 |
| 45° | 1111.7 | 1111.7 | 1111.7 | 1115.4 | 1119.0 | 1126.4 | 1141.2 | 1152.4 | 1156.0 | 1159.7 |
| 47.5° | 993.5 | 989.8 | 1000.9 | 1004.6 | 1015.7 | 1019.3 | 1030.5 | 1045.3 | 1048.9 | 1052.7 |
| 50° | 882.7 | 890.1 | 893.8 | 904.9 | 912.2 | 912.2 | 927.0 | 934.4 | 945.4 | 945.4 |
| 52.5° | 779.3 | 790.4 | 794.1 | 805.1 | 808.8 | 812.5 | 819.9 | 831.0 | 838.3 | 838.3 |
| 55° | 686.9 | 690.7 | 698.1 | 701.7 | 712.8 | 716.5 | 723.9 | 727.6 | 738.6 | 735.0 |
| 56° | 646.3 | 653.7 | 657.5 | 664.9 | 672.1 | 675.9 | 683.3 | 686.9 | 694.3 | 698.1 |
| 57° | 609.4 | 613.1 | 624.2 | 627.9 | 635.3 | 635.3 | 638.9 | 650.1 | 650.1 | 653.7 |
| 58° | 572.4 | 579.8 | 583.6 | 587.2 | 594.6 | 598.3 | 605.7 | 609.4 | 613.1 | 609.4 |
| 59° | 539.2 | 542.9 | 546.6 | 546.6 | 554.0 | 554.0 | 565.0 | 572.4 | 576.2 | 576.2 |
| 60° | 506.0 | 506.0 | 509.7 | 513.4 | 520.8 | 524.4 | 524.4 | 531.8 | 531.8 | 531.8 |
| 61° | 472.7 | 472.7 | 476.5 | 480.1 | 483.9 | 483.9 | 491.3 | 491.3 | 494.9 | 498.6 |
| 62° | 443.2 | 439.5 | 439.5 | 443.2 | 443.2 | 450.5 | 454.3 | 457.9 | 461.7 | 457.9 |
| 63° | 410.0 | 406.2 | 406.2 | 406.2 | 406.2 | 413.6 | 413.6 | 417.4 | 424.7 | 421.0 |
| 64° | 373.0 | 373.0 | 373.0 | 373.0 | 376.8 | 376.8 | 384.2 | 387.8 | 391.5 | 395.2 |
| 65° | 347.2 | 339.8 | 336.1 | 336.1 | 339.8 | 343.5 | 347.2 | 350.8 | 354.6 | 354.6 |
| 66° | 317.6 | 310.3 | 306.5 | 306.5 | 306.5 | 306.5 | 313.9 | 313.9 | 321.3 | 321.3 |
| 67° | 284.3 | 276.9 | 273.3 | 269.6 | 269.6 | 269.6 | 280.7 | 276.9 | 276.9 | 276.9 |
| 67.5° | 273.3 | 262.3 | 258.5 | 254.9 | 251.1 | 258.5 | 254.9 | 258.5 | 258.5 | 254.9 |
| 68° | 258.5 | 251.1 | 243.7 | 236.4 | 236.4 | 236.4 | 240.1 | 243.7 | 240.1 | 236.4 |
| 69° | 229.0 | 225.3 | 214.2 | 206.8 | 203.2 | 206.8 | 203.2 | 206.8 | 203.2 | 206.8 |
| 70° | 203.2 | 192.0 | 181.0 | 177.2 | 173.6 | 173.6 | 173.6 | 169.9 | 173.6 | 169.9 |
| 71° | 177.2 | 166.2 | 155.1 | 147.7 | 144.0 | 144.0 | 140.3 | 144.0 | 140.3 | 144.0 |
| 72° | 151.4 | 140.3 | 125.6 | 118.2 | 118.2 | 118.2 | 118.2 | 114.5 | 118.2 | 114.5 |
| 72.5° | 140.3 | 125.6 | 114.5 | 107.1 | 103.5 | 103.5 | 103.5 | 103.5 | 99.7 | 103.5 |
| 73° | 129.3 | 114.5 | 99.7 | 96.1 | 96.1 | 96.1 | 92.3 | 88.7 | 92.3 | 92.3 |



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CATALOG NUMBER: HCC8W45D010BZ-HM82555840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 44.3 | 33.2 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 29.6 | 25.8 | 25.8 |
| 80° | 18.4 | 14.8 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 82.5° | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| 85° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 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



| | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 74° | 240.1 | 240.1 | 232.7 | 221.6 | 203.2 | 184.6 | 169.9 | 155.1 | 136.7 | 118.2 | 110.8 |
| 75° | 221.6 | 217.9 | 210.6 | 199.4 | 184.6 | 166.2 | 151.4 | 133.0 | 118.2 | 99.7 | 92.3 |

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| | | | | | | | | | | |
|-----|-------|------|------|------|------|------|------|------|------|------|
| 74° | 107.1 | 88.7 | 81.3 | 73.9 | 73.9 | 73.9 | 70.1 | 70.1 | 70.1 | 73.9 |
| 75° | 84.9 | 70.1 | 62.8 | 55.4 | 59.1 | 55.4 | 59.1 | 55.4 | 55.4 | 55.4 |

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(END OF REPORT)