

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: P585280

Luminaire Tested: **HCC8S80D010MB-HM86080930-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585280
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: HCC8S80D010MB-HM86080930-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

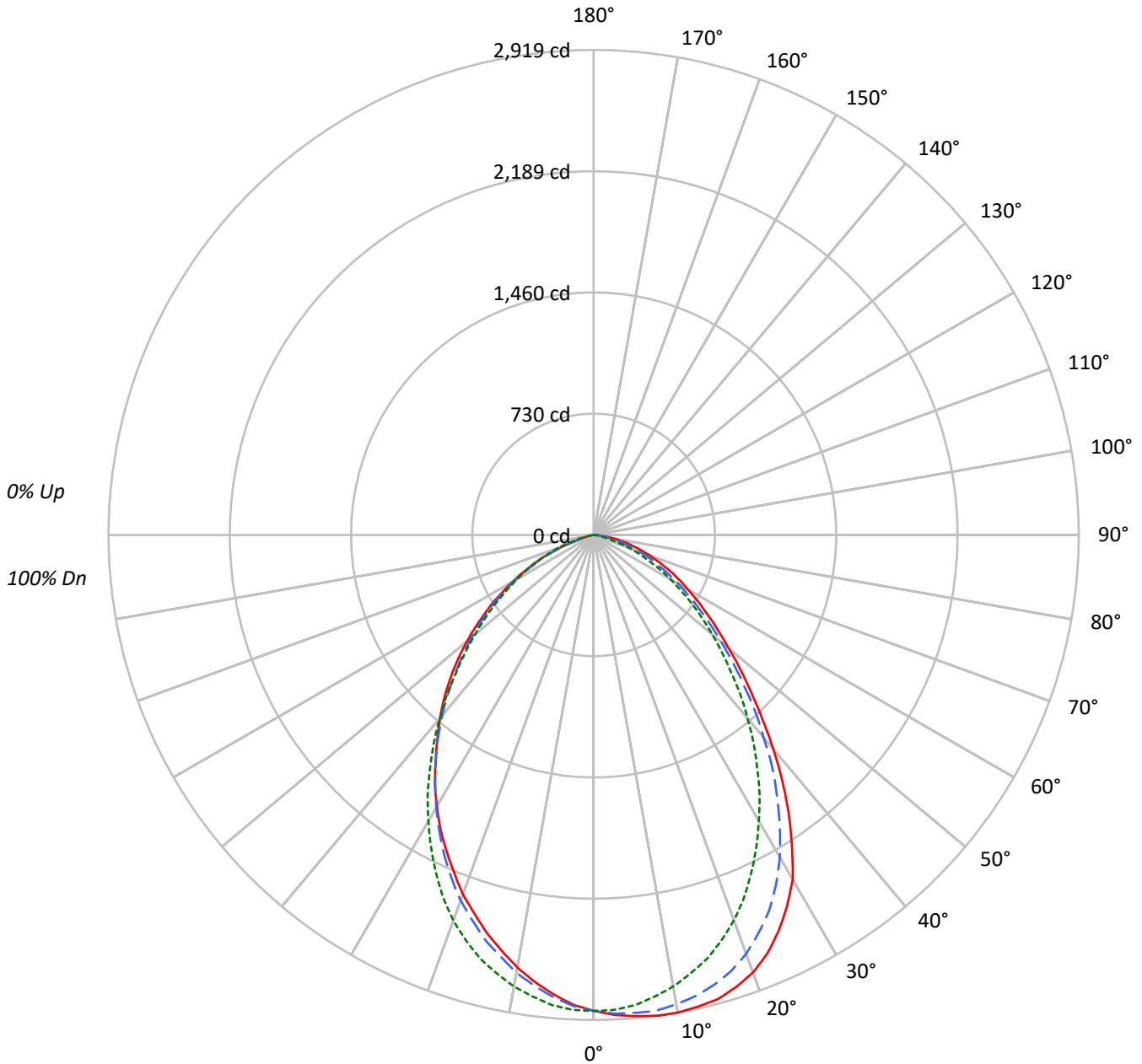
Lumens per Lamp: N/A
Luminaire Lumens: 5370.7 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 70
Input Voltage (V): NR
Input Current (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: P585280
CATALOG NUMBER: HCC8S80D010MB-HM86080930-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P585280

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 88343 | 88343 | 88343 |
| 5° | 90002 | 87959 | 85916 |
| 10° | 91406 | 86421 | 82776 |
| 15° | 92325 | 84270 | 79188 |
| 20° | 91971 | 81014 | 75538 |
| 25° | 89551 | 76343 | 71321 |
| 30° | 85282 | 70768 | 67176 |
| 35° | 77012 | 64590 | 62399 |
| 40° | 67663 | 57974 | 57817 |
| 45° | 58406 | 50953 | 53160 |
| 50° | 50842 | 44696 | 47675 |
| 55° | 45079 | 38821 | 41531 |
| 60° | 40223 | 32798 | 34469 |
| 65° | 36256 | 26625 | 27187 |
| 70° | 32205 | 19952 | 16102 |
| 75° | 27748 | 11557 | 6946 |
| 80° | 21363 | 4138 | 2078 |
| 85° | 13728 | 1380 | 1380 |



TEST NUMBER: P585280
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 268.9 | 5.0 |
| 10°-20° | 748.7 | 13.9 |
| 20°-30° | 1058.9 | 19.7 |
| 30°-40° | 1115.8 | 20.8 |
| 40°-50° | 948.3 | 17.7 |
| 50°-60° | 682.9 | 12.7 |
| 60°-70° | 393.9 | 7.3 |
| 70°-80° | 134.8 | 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° | 2076.5 | 38.7 |
| 0°-40° | 3192.3 | 59.4 |
| 0°-60° | 4823.4 | 89.8 |
| 0°-90° | 5370.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5370.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2865 | 2865 | 2865 | 2865 | 2865 | |
| 5° | 2908 | 2888 | 2842 | 2791 | 2776 | 278 |
| 15° | 2892 | 2803 | 2640 | 2523 | 2480 | 814 |
| 25° | 2632 | 2496 | 2244 | 2127 | 2096 | 1207 |
| 35° | 2046 | 1926 | 1716 | 1654 | 1658 | 1274 |
| 45° | 1339 | 1277 | 1168 | 1176 | 1219 | 1040 |
| 55° | 838 | 772 | 722 | 749 | 772 | 755 |
| 65° | 497 | 427 | 365 | 357 | 373 | 494 |
| 75° | 233 | 175 | 97 | 62 | 58 | 246 |
| 85° | 39 | 23 | 4 | 4 | 4 | 52 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585280

CATALOG NUMBER: HCC8S80D010MB-HM86080930-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 |
| 2.5° | 2892.0 | 2895.9 | 2892.0 | 2892.0 | 2888.1 | 2884.3 | 2880.4 | 2876.4 | 2868.7 | 2861.0 | 2861.0 |
| 5° | 2907.6 | 2915.3 | 2907.6 | 2907.6 | 2895.9 | 2888.1 | 2880.4 | 2868.7 | 2853.2 | 2841.6 | 2841.6 |
| 7.5° | 2919.2 | 2919.2 | 2919.2 | 2907.6 | 2899.7 | 2888.1 | 2868.7 | 2849.3 | 2829.9 | 2810.4 | 2802.7 |
| 10° | 2919.2 | 2919.2 | 2915.3 | 2899.7 | 2892.0 | 2868.7 | 2849.3 | 2822.1 | 2795.0 | 2767.8 | 2760.0 |
| 12.5° | 2907.6 | 2911.4 | 2903.7 | 2888.1 | 2868.7 | 2841.6 | 2814.4 | 2779.4 | 2748.4 | 2717.3 | 2701.8 |
| 15° | 2892.0 | 2888.1 | 2880.4 | 2861.0 | 2837.7 | 2802.7 | 2775.6 | 2736.7 | 2694.0 | 2655.3 | 2639.7 |
| 17.5° | 2853.2 | 2853.2 | 2841.6 | 2822.1 | 2791.1 | 2752.3 | 2709.6 | 2666.8 | 2620.3 | 2577.6 | 2558.1 |
| 20° | 2802.7 | 2802.7 | 2787.3 | 2763.9 | 2732.8 | 2682.4 | 2635.8 | 2585.4 | 2531.0 | 2488.3 | 2468.8 |
| 22.5° | 2729.0 | 2732.8 | 2713.4 | 2686.3 | 2651.4 | 2593.1 | 2546.5 | 2484.4 | 2430.1 | 2379.5 | 2364.1 |
| 25° | 2632.0 | 2639.7 | 2620.3 | 2593.1 | 2546.5 | 2496.1 | 2437.8 | 2379.5 | 2317.5 | 2267.1 | 2243.8 |
| 27.5° | 2519.4 | 2523.2 | 2503.8 | 2476.7 | 2430.1 | 2375.7 | 2317.5 | 2255.4 | 2197.2 | 2142.8 | 2119.5 |
| 30° | 2395.1 | 2379.5 | 2371.8 | 2336.9 | 2286.4 | 2239.8 | 2173.8 | 2123.4 | 2061.3 | 2014.8 | 1987.5 |
| 32.5° | 2220.5 | 2228.2 | 2204.9 | 2177.8 | 2138.9 | 2084.6 | 2030.2 | 1972.0 | 1913.8 | 1878.9 | 1859.5 |
| 35° | 2045.8 | 2053.5 | 2041.9 | 2014.8 | 1972.0 | 1925.5 | 1871.1 | 1828.3 | 1777.9 | 1735.2 | 1715.8 |
| 37.5° | 1863.3 | 1863.3 | 1855.6 | 1840.0 | 1808.9 | 1766.3 | 1711.9 | 1669.2 | 1626.6 | 1591.6 | 1579.9 |
| 40° | 1680.9 | 1673.0 | 1669.2 | 1657.6 | 1630.4 | 1591.6 | 1556.6 | 1521.7 | 1479.0 | 1455.7 | 1440.2 |
| 42.5° | 1502.3 | 1502.3 | 1494.6 | 1482.9 | 1455.7 | 1436.3 | 1401.4 | 1362.6 | 1331.4 | 1308.3 | 1308.3 |
| 45° | 1339.3 | 1343.1 | 1331.4 | 1323.7 | 1308.3 | 1277.1 | 1246.1 | 1219.0 | 1191.7 | 1176.2 | 1168.4 |
| 47.5° | 1195.7 | 1195.7 | 1184.0 | 1176.2 | 1160.7 | 1133.5 | 1106.4 | 1083.1 | 1063.7 | 1052.0 | 1048.1 |
| 50° | 1059.8 | 1059.8 | 1059.8 | 1040.4 | 1021.0 | 1001.5 | 982.1 | 955.0 | 943.4 | 935.5 | 931.7 |
| 52.5° | 943.4 | 939.4 | 939.4 | 923.9 | 904.5 | 881.2 | 861.8 | 838.5 | 826.8 | 819.1 | 822.9 |
| 55° | 838.5 | 838.5 | 834.6 | 815.2 | 795.8 | 772.5 | 753.1 | 733.7 | 725.9 | 718.2 | 722.1 |
| 56° | 795.8 | 795.8 | 791.9 | 776.4 | 753.1 | 733.7 | 710.4 | 690.9 | 679.3 | 683.2 | 683.2 |
| 57° | 764.8 | 756.9 | 756.9 | 737.5 | 718.2 | 690.9 | 671.5 | 652.2 | 644.4 | 640.5 | 640.5 |
| 58° | 725.9 | 722.1 | 718.2 | 698.8 | 679.3 | 656.1 | 636.6 | 617.2 | 605.6 | 605.6 | 601.8 |
| 59° | 687.1 | 687.1 | 679.3 | 663.8 | 644.4 | 621.1 | 601.8 | 582.3 | 570.6 | 566.8 | 566.8 |
| 60° | 652.2 | 656.1 | 644.4 | 628.9 | 613.3 | 586.2 | 562.9 | 547.3 | 535.6 | 531.8 | 531.8 |
| 61° | 621.1 | 621.1 | 613.3 | 593.9 | 574.5 | 555.1 | 531.8 | 512.5 | 504.6 | 496.9 | 496.9 |
| 62° | 593.9 | 586.2 | 582.3 | 562.9 | 543.5 | 520.2 | 500.8 | 481.3 | 469.7 | 461.9 | 465.9 |
| 63° | 558.9 | 555.1 | 547.3 | 531.8 | 512.5 | 489.2 | 465.9 | 450.3 | 438.6 | 427.0 | 430.9 |
| 64° | 531.8 | 527.9 | 516.3 | 500.8 | 481.3 | 458.1 | 434.8 | 419.2 | 411.5 | 399.9 | 395.9 |
| 65° | 496.9 | 493.0 | 489.2 | 469.7 | 450.3 | 427.0 | 407.6 | 392.0 | 380.5 | 372.6 | 364.9 |
| 66° | 465.9 | 469.7 | 461.9 | 446.5 | 423.2 | 403.7 | 376.6 | 361.0 | 353.3 | 341.6 | 333.9 |
| 67° | 438.6 | 438.6 | 430.9 | 415.3 | 392.0 | 372.6 | 353.3 | 333.9 | 322.2 | 310.6 | 306.6 |
| 67.5° | 423.2 | 423.2 | 415.3 | 395.9 | 380.5 | 357.2 | 337.7 | 322.2 | 306.6 | 298.9 | 291.2 |
| 68° | 407.6 | 407.6 | 403.7 | 388.2 | 368.8 | 345.5 | 326.0 | 306.6 | 291.2 | 279.5 | 275.6 |
| 69° | 380.5 | 384.3 | 376.6 | 361.0 | 341.6 | 318.3 | 298.9 | 283.3 | 267.9 | 256.2 | 248.4 |
| 70° | 357.2 | 353.3 | 345.5 | 329.9 | 310.6 | 295.0 | 275.6 | 256.2 | 240.7 | 225.2 | 221.3 |
| 71° | 326.0 | 326.0 | 318.3 | 306.6 | 287.3 | 267.9 | 248.4 | 232.9 | 217.3 | 198.0 | 194.0 |
| 72° | 302.8 | 302.8 | 295.0 | 279.5 | 264.0 | 244.6 | 225.2 | 205.7 | 194.0 | 174.7 | 166.9 |
| 72.5° | 287.3 | 291.2 | 283.3 | 267.9 | 252.3 | 229.0 | 213.5 | 198.0 | 178.6 | 163.0 | 155.3 |
| 73° | 279.5 | 275.6 | 271.7 | 256.2 | 236.8 | 221.3 | 201.9 | 186.3 | 166.9 | 151.4 | 143.6 |



TEST NUMBER: P585280
 CATALOG NUMBER: HCC8S80D010MB-HM86080930-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 77.5° | 174.7 | 174.7 | 170.9 | 155.3 | 139.7 | 124.3 | 108.7 | 93.2 | 77.6 | 62.1 | 54.3 |
| 80° | 120.3 | 124.3 | 116.4 | 108.7 | 97.0 | 81.6 | 66.0 | 54.3 | 38.8 | 31.0 | 23.3 |
| 82.5° | 77.6 | 77.6 | 73.7 | 66.0 | 58.3 | 46.6 | 38.8 | 27.2 | 19.4 | 15.6 | 11.7 |
| 85° | 38.8 | 42.7 | 38.8 | 35.0 | 27.2 | 23.3 | 19.4 | 11.7 | 7.7 | 3.9 | 3.9 |
| 87.5° | 15.6 | 15.6 | 15.6 | 11.7 | 11.7 | 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 |

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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 | 2864.9 |
| 2.5° | 2853.2 | 2853.2 | 2845.4 | 2841.6 | 2837.7 | 2833.7 | 2829.9 | 2826.0 | 2826.0 | 2829.9 |
| 5° | 2829.9 | 2822.1 | 2806.6 | 2802.7 | 2791.1 | 2787.3 | 2779.4 | 2775.6 | 2779.4 | 2775.6 |
| 7.5° | 2795.0 | 2779.4 | 2760.0 | 2752.3 | 2736.7 | 2729.0 | 2717.3 | 2717.3 | 2709.6 | 2713.4 |
| 10° | 2748.4 | 2725.1 | 2701.8 | 2686.3 | 2674.7 | 2663.0 | 2655.3 | 2647.4 | 2643.6 | 2643.6 |
| 12.5° | 2690.1 | 2663.0 | 2639.7 | 2616.4 | 2597.0 | 2589.2 | 2573.7 | 2573.7 | 2566.0 | 2562.1 |
| 15° | 2624.1 | 2589.2 | 2562.1 | 2538.8 | 2523.2 | 2507.7 | 2496.1 | 2488.3 | 2480.5 | 2480.5 |
| 17.5° | 2538.8 | 2507.7 | 2480.5 | 2453.4 | 2430.1 | 2418.4 | 2406.8 | 2395.1 | 2395.1 | 2387.4 |
| 20° | 2445.5 | 2410.7 | 2387.4 | 2360.2 | 2340.8 | 2321.4 | 2305.8 | 2305.8 | 2298.1 | 2301.9 |
| 22.5° | 2340.8 | 2298.1 | 2274.8 | 2255.4 | 2235.9 | 2220.5 | 2204.9 | 2204.9 | 2201.1 | 2197.2 |
| 25° | 2224.4 | 2189.4 | 2162.2 | 2138.9 | 2127.2 | 2111.8 | 2107.9 | 2100.1 | 2096.2 | 2096.2 |
| 27.5° | 2100.1 | 2072.9 | 2037.9 | 2026.3 | 2010.8 | 2003.1 | 2003.1 | 1999.2 | 1991.5 | 1995.3 |
| 30° | 1968.2 | 1937.1 | 1917.6 | 1909.9 | 1894.3 | 1894.3 | 1890.5 | 1882.7 | 1882.7 | 1886.6 |
| 32.5° | 1840.0 | 1808.9 | 1793.5 | 1789.6 | 1774.0 | 1774.0 | 1770.2 | 1774.0 | 1774.0 | 1777.9 |
| 35° | 1700.3 | 1673.0 | 1669.2 | 1657.6 | 1653.7 | 1653.7 | 1653.7 | 1661.5 | 1669.2 | 1657.6 |
| 37.5° | 1568.3 | 1548.9 | 1537.3 | 1533.3 | 1537.3 | 1537.3 | 1541.1 | 1552.7 | 1548.9 | 1545.0 |
| 40° | 1432.4 | 1416.9 | 1409.1 | 1409.1 | 1416.9 | 1424.7 | 1424.7 | 1436.3 | 1440.2 | 1436.3 |
| 42.5° | 1296.6 | 1285.0 | 1285.0 | 1288.8 | 1296.6 | 1300.4 | 1312.1 | 1323.7 | 1327.6 | 1331.4 |
| 45° | 1168.4 | 1168.4 | 1168.4 | 1172.4 | 1176.2 | 1184.0 | 1199.5 | 1211.1 | 1215.0 | 1219.0 |
| 47.5° | 1044.2 | 1040.4 | 1052.0 | 1055.8 | 1067.5 | 1071.4 | 1083.1 | 1098.5 | 1102.4 | 1106.4 |
| 50° | 927.8 | 935.5 | 939.4 | 951.1 | 958.8 | 958.8 | 974.4 | 982.1 | 993.8 | 993.8 |
| 52.5° | 819.1 | 830.8 | 834.6 | 846.2 | 850.1 | 854.1 | 861.8 | 873.4 | 881.2 | 881.2 |
| 55° | 722.1 | 725.9 | 733.7 | 737.5 | 749.2 | 753.1 | 760.8 | 764.8 | 776.4 | 772.5 |
| 56° | 679.3 | 687.1 | 690.9 | 698.8 | 706.5 | 710.4 | 718.2 | 722.1 | 729.8 | 733.7 |
| 57° | 640.5 | 644.4 | 656.1 | 659.9 | 667.7 | 667.7 | 671.5 | 683.2 | 683.2 | 687.1 |
| 58° | 601.8 | 609.5 | 613.3 | 617.2 | 624.9 | 628.9 | 636.6 | 640.5 | 644.4 | 640.5 |
| 59° | 566.8 | 570.6 | 574.5 | 574.5 | 582.3 | 582.3 | 593.9 | 601.8 | 605.6 | 605.6 |
| 60° | 531.8 | 531.8 | 535.6 | 539.6 | 547.3 | 551.2 | 551.2 | 558.9 | 558.9 | 558.9 |
| 61° | 496.9 | 496.9 | 500.8 | 504.6 | 508.5 | 508.5 | 516.3 | 516.3 | 520.2 | 524.1 |
| 62° | 465.9 | 461.9 | 461.9 | 465.9 | 465.9 | 473.6 | 477.5 | 481.3 | 485.2 | 481.3 |
| 63° | 430.9 | 427.0 | 427.0 | 427.0 | 427.0 | 434.8 | 434.8 | 438.6 | 446.5 | 442.5 |
| 64° | 392.0 | 392.0 | 392.0 | 392.0 | 395.9 | 395.9 | 403.7 | 407.6 | 411.5 | 415.3 |
| 65° | 364.9 | 357.2 | 353.3 | 353.3 | 357.2 | 361.0 | 364.9 | 368.8 | 372.6 | 372.6 |
| 66° | 333.9 | 326.0 | 322.2 | 322.2 | 322.2 | 322.2 | 329.9 | 329.9 | 337.7 | 337.7 |
| 67° | 298.9 | 291.2 | 287.3 | 283.3 | 283.3 | 283.3 | 295.0 | 291.2 | 291.2 | 291.2 |
| 67.5° | 287.3 | 275.6 | 271.7 | 267.9 | 264.0 | 271.7 | 267.9 | 271.7 | 271.7 | 267.9 |
| 68° | 271.7 | 264.0 | 256.2 | 248.4 | 248.4 | 248.4 | 252.3 | 256.2 | 252.3 | 248.4 |
| 69° | 240.7 | 236.8 | 225.2 | 217.3 | 213.5 | 217.3 | 213.5 | 217.3 | 213.5 | 217.3 |
| 70° | 213.5 | 201.9 | 190.2 | 186.3 | 182.4 | 182.4 | 182.4 | 178.6 | 182.4 | 178.6 |
| 71° | 186.3 | 174.7 | 163.0 | 155.3 | 151.4 | 151.4 | 147.6 | 151.4 | 147.6 | 151.4 |
| 72° | 159.2 | 147.6 | 132.0 | 124.3 | 124.3 | 124.3 | 124.3 | 120.3 | 124.3 | 120.3 |
| 72.5° | 147.6 | 132.0 | 120.3 | 112.6 | 108.7 | 108.7 | 108.7 | 108.7 | 104.9 | 108.7 |
| 73° | 135.9 | 120.3 | 104.9 | 100.9 | 100.9 | 100.9 | 97.0 | 93.2 | 97.0 | 97.0 |



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CATALOG NUMBER: HCC8S80D010MB-HM86080930-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 46.6 | 35.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 27.2 | 27.2 |
| 80° | 19.4 | 15.6 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 |
| 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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|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 74° | 252.3 | 252.3 | 244.6 | 232.9 | 213.5 | 194.0 | 178.6 | 163.0 | 143.6 | 124.3 | 116.4 |
| 75° | 232.9 | 229.0 | 221.3 | 209.6 | 194.0 | 174.7 | 159.2 | 139.7 | 124.3 | 104.9 | 97.0 |

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|-----|-------|------|------|------|------|------|------|------|------|------|
| 74° | 112.6 | 93.2 | 85.4 | 77.6 | 77.6 | 77.6 | 73.7 | 73.7 | 73.7 | 77.6 |
| 75° | 89.3 | 73.7 | 66.0 | 58.3 | 62.1 | 58.3 | 62.1 | 58.3 | 58.3 | 58.3 |

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