

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: P585076

Luminaire Tested: **HCC8W60D010MW-HM86080830-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585076
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: HCC8W60D010MW-HM86080830-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

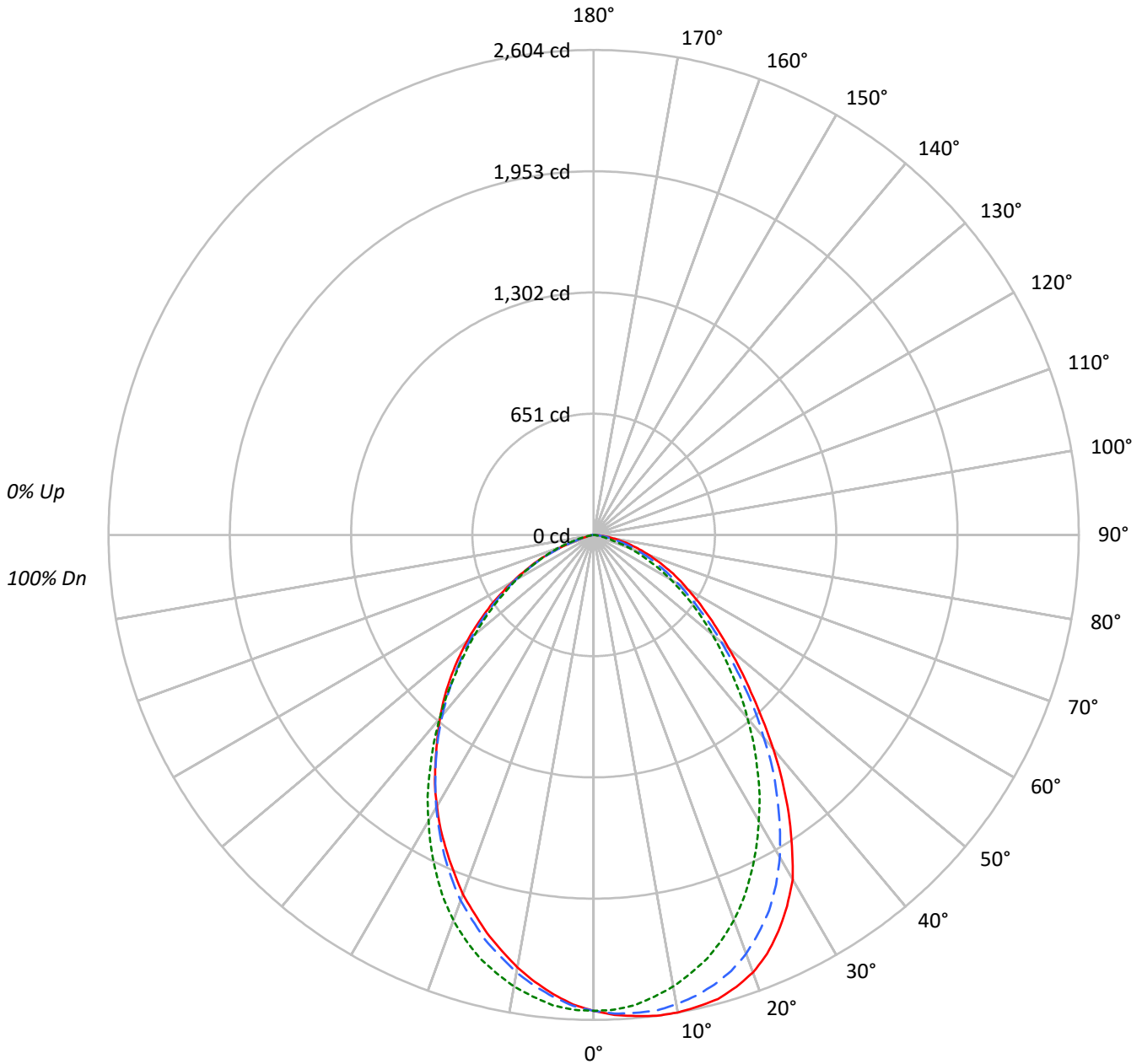
Lumens per Lamp: N/A
Luminaire Lumens: 4790.5 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 56
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: P585076
CATALOG NUMBER: HCC8W60D010MW-HM86080830-81RWWH

Luminous Intensity Polar Plot



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 1121 Highway 74 South
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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° | 78799 | 78799 | 78799 |
| 5° | 80276 | 78456 | 76636 |
| 10° | 81530 | 77087 | 73834 |
| 15° | 82351 | 75168 | 70635 |
| 20° | 82038 | 72266 | 67380 |
| 25° | 79875 | 68096 | 63618 |
| 30° | 76070 | 63124 | 59919 |
| 35° | 68693 | 57611 | 55657 |
| 40° | 60353 | 51714 | 51573 |
| 45° | 52095 | 45449 | 47412 |
| 50° | 45349 | 39865 | 42523 |
| 55° | 40208 | 34628 | 37042 |
| 60° | 35875 | 29257 | 30750 |
| 65° | 32345 | 23750 | 24254 |
| 70° | 28725 | 17788 | 14362 |
| 75° | 24746 | 10318 | 6183 |
| 80° | 19072 | 3694 | 1847 |
| 85° | 12242 | 1238 | 1238 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 239.9 | 5.0 |
| 10°-20° | 667.8 | 13.9 |
| 20°-30° | 944.5 | 19.7 |
| 30°-40° | 995.3 | 20.8 |
| 40°-50° | 845.8 | 17.7 |
| 50°-60° | 609.1 | 12.7 |
| 60°-70° | 351.4 | 7.3 |
| 70°-80° | 120.2 | 2.5 |
| 80°-90° | 16.5 | 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° | 1852.2 | 38.7 |
| 0°-40° | 2847.5 | 59.4 |
| 0°-60° | 4302.4 | 89.8 |
| 0°-90° | 4790.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4790.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2555 | 2555 | 2555 | 2555 | 2555 | |
| 5° | 2593 | 2576 | 2535 | 2490 | 2476 | 248 |
| 15° | 2580 | 2500 | 2355 | 2251 | 2213 | 726 |
| 25° | 2348 | 2226 | 2001 | 1898 | 1870 | 1077 |
| 35° | 1825 | 1717 | 1530 | 1475 | 1478 | 1136 |
| 45° | 1195 | 1139 | 1042 | 1049 | 1087 | 928 |
| 55° | 748 | 689 | 644 | 668 | 689 | 673 |
| 65° | 443 | 381 | 326 | 319 | 332 | 441 |
| 75° | 208 | 156 | 87 | 55 | 52 | 219 |
| 85° | 35 | 21 | 4 | 4 | 4 | 47 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585076

CATALOG NUMBER: HCC8W60D010MW-HM86080830-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 |
| 2.5° | 2579.6 | 2583.0 | 2579.6 | 2579.6 | 2576.1 | 2572.7 | 2569.2 | 2565.7 | 2558.8 | 2551.9 | 2551.9 |
| 5° | 2593.4 | 2600.3 | 2593.4 | 2593.4 | 2583.0 | 2576.1 | 2569.2 | 2558.8 | 2545.0 | 2534.6 | 2534.6 |
| 7.5° | 2603.8 | 2603.8 | 2603.8 | 2593.4 | 2586.5 | 2576.1 | 2558.8 | 2541.5 | 2524.2 | 2506.9 | 2500.0 |
| 10° | 2603.8 | 2603.8 | 2600.3 | 2586.5 | 2579.6 | 2558.8 | 2541.5 | 2517.3 | 2493.1 | 2468.9 | 2461.9 |
| 12.5° | 2593.4 | 2596.9 | 2590.0 | 2576.1 | 2558.8 | 2534.6 | 2510.4 | 2479.2 | 2451.4 | 2423.8 | 2409.9 |
| 15° | 2579.6 | 2576.1 | 2569.2 | 2551.9 | 2531.1 | 2500.0 | 2475.8 | 2441.1 | 2403.0 | 2368.4 | 2354.6 |
| 17.5° | 2545.0 | 2545.0 | 2534.6 | 2517.3 | 2489.6 | 2454.9 | 2416.8 | 2378.8 | 2337.2 | 2299.2 | 2281.8 |
| 20° | 2500.0 | 2500.0 | 2486.2 | 2465.4 | 2437.6 | 2392.6 | 2351.1 | 2306.1 | 2257.5 | 2219.5 | 2202.2 |
| 22.5° | 2434.1 | 2437.6 | 2420.3 | 2396.1 | 2364.9 | 2313.0 | 2271.4 | 2216.0 | 2167.6 | 2122.6 | 2108.6 |
| 25° | 2347.6 | 2354.6 | 2337.2 | 2313.0 | 2271.4 | 2226.4 | 2174.5 | 2122.6 | 2067.1 | 2022.1 | 2001.4 |
| 27.5° | 2247.2 | 2250.6 | 2233.3 | 2209.1 | 2167.6 | 2119.1 | 2067.1 | 2011.8 | 1959.9 | 1911.3 | 1890.5 |
| 30° | 2136.4 | 2122.6 | 2115.6 | 2084.4 | 2039.4 | 1997.9 | 1939.0 | 1894.0 | 1838.6 | 1797.1 | 1772.8 |
| 32.5° | 1980.6 | 1987.5 | 1966.8 | 1942.4 | 1907.8 | 1859.4 | 1811.0 | 1758.9 | 1707.0 | 1675.9 | 1658.6 |
| 35° | 1824.8 | 1831.7 | 1821.3 | 1797.1 | 1758.9 | 1717.4 | 1669.0 | 1630.9 | 1585.8 | 1547.7 | 1530.4 |
| 37.5° | 1662.0 | 1662.0 | 1655.1 | 1641.3 | 1613.6 | 1575.4 | 1527.0 | 1488.9 | 1450.9 | 1419.6 | 1409.2 |
| 40° | 1499.3 | 1492.4 | 1488.9 | 1478.5 | 1454.3 | 1419.6 | 1388.5 | 1357.3 | 1319.3 | 1298.5 | 1284.7 |
| 42.5° | 1340.0 | 1340.0 | 1333.1 | 1322.7 | 1298.5 | 1281.2 | 1249.9 | 1215.3 | 1187.7 | 1166.9 | 1166.9 |
| 45° | 1194.6 | 1198.0 | 1187.7 | 1180.7 | 1166.9 | 1139.2 | 1111.5 | 1087.2 | 1063.0 | 1049.1 | 1042.2 |
| 47.5° | 1066.4 | 1066.4 | 1056.1 | 1049.1 | 1035.3 | 1011.1 | 986.8 | 966.1 | 948.8 | 938.4 | 934.9 |
| 50° | 945.3 | 945.3 | 945.3 | 927.9 | 910.6 | 893.3 | 876.0 | 851.8 | 841.4 | 834.5 | 831.0 |
| 52.5° | 841.4 | 837.9 | 837.9 | 824.1 | 806.8 | 786.0 | 768.7 | 747.9 | 737.5 | 730.6 | 734.0 |
| 55° | 747.9 | 747.9 | 744.4 | 727.1 | 709.8 | 689.0 | 671.7 | 654.4 | 647.5 | 640.6 | 644.1 |
| 56° | 709.8 | 709.8 | 706.3 | 692.5 | 671.7 | 654.4 | 633.7 | 616.4 | 606.0 | 609.5 | 609.5 |
| 57° | 682.1 | 675.2 | 675.2 | 657.9 | 640.6 | 616.4 | 599.1 | 581.7 | 574.7 | 571.3 | 571.3 |
| 58° | 647.5 | 644.1 | 640.6 | 623.3 | 606.0 | 585.1 | 567.8 | 550.5 | 540.1 | 540.1 | 536.7 |
| 59° | 612.9 | 612.9 | 606.0 | 592.0 | 574.7 | 554.0 | 536.7 | 519.4 | 509.0 | 505.5 | 505.5 |
| 60° | 581.7 | 585.1 | 574.7 | 560.9 | 547.1 | 522.8 | 502.1 | 488.2 | 477.9 | 474.4 | 474.4 |
| 61° | 554.0 | 554.0 | 547.1 | 529.8 | 512.5 | 495.2 | 474.4 | 457.1 | 450.2 | 443.3 | 443.3 |
| 62° | 529.8 | 522.8 | 519.4 | 502.1 | 484.8 | 464.0 | 446.7 | 429.4 | 418.9 | 412.0 | 415.5 |
| 63° | 498.6 | 495.2 | 488.2 | 474.4 | 457.1 | 436.3 | 415.5 | 401.6 | 391.2 | 380.9 | 384.3 |
| 64° | 474.4 | 470.9 | 460.6 | 446.7 | 429.4 | 408.5 | 387.8 | 373.9 | 367.0 | 356.6 | 353.2 |
| 65° | 443.3 | 439.8 | 436.3 | 418.9 | 401.6 | 380.9 | 363.6 | 349.7 | 339.3 | 332.4 | 325.5 |
| 66° | 415.5 | 418.9 | 412.0 | 398.2 | 377.4 | 360.1 | 335.9 | 322.0 | 315.1 | 304.7 | 297.8 |
| 67° | 391.2 | 391.2 | 384.3 | 370.5 | 349.7 | 332.4 | 315.1 | 297.8 | 287.4 | 277.0 | 273.6 |
| 67.5° | 377.4 | 377.4 | 370.5 | 353.2 | 339.3 | 318.6 | 301.3 | 287.4 | 273.6 | 266.7 | 259.7 |
| 68° | 363.6 | 363.6 | 360.1 | 346.3 | 328.9 | 308.2 | 290.9 | 273.6 | 259.7 | 249.2 | 245.8 |
| 69° | 339.3 | 342.8 | 335.9 | 322.0 | 304.7 | 284.0 | 266.7 | 252.7 | 238.9 | 228.5 | 221.6 |
| 70° | 318.6 | 315.1 | 308.2 | 294.3 | 277.0 | 263.2 | 245.8 | 228.5 | 214.6 | 200.8 | 197.3 |
| 71° | 290.9 | 290.9 | 284.0 | 273.6 | 256.3 | 238.9 | 221.6 | 207.7 | 193.9 | 176.6 | 173.1 |
| 72° | 270.1 | 270.1 | 263.2 | 249.2 | 235.4 | 218.1 | 200.8 | 183.5 | 173.1 | 155.8 | 148.9 |
| 72.5° | 256.3 | 259.7 | 252.7 | 238.9 | 225.0 | 204.3 | 190.4 | 176.6 | 159.3 | 145.4 | 138.5 |
| 73° | 249.2 | 245.8 | 242.3 | 228.5 | 211.2 | 197.3 | 180.0 | 166.2 | 148.9 | 135.1 | 128.1 |



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 CATALOG NUMBER: HCC8W60D010MW-HM86080830-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 77.5° | 155.8 | 155.8 | 152.4 | 138.5 | 124.7 | 110.8 | 97.0 | 83.0 | 69.2 | 55.4 | 48.4 |
| 80° | 107.4 | 110.8 | 103.9 | 97.0 | 86.6 | 72.7 | 58.8 | 48.4 | 34.6 | 27.7 | 20.8 |
| 82.5° | 69.2 | 69.2 | 65.7 | 58.8 | 51.9 | 41.5 | 34.6 | 24.2 | 17.3 | 13.8 | 10.4 |
| 85° | 34.6 | 38.1 | 34.6 | 31.1 | 24.2 | 20.8 | 17.3 | 10.4 | 6.9 | 3.5 | 3.5 |
| 87.5° | 13.8 | 13.8 | 13.8 | 10.4 | 10.4 | 6.9 | 3.5 | 3.5 | 3.5 | 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° | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 | 2555.4 |
| 2.5° | 2545.0 | 2545.0 | 2538.1 | 2534.6 | 2531.1 | 2527.7 | 2524.2 | 2520.8 | 2520.8 | 2524.2 |
| 5° | 2524.2 | 2517.3 | 2503.5 | 2500.0 | 2489.6 | 2486.2 | 2479.2 | 2475.8 | 2479.2 | 2475.8 |
| 7.5° | 2493.1 | 2479.2 | 2461.9 | 2454.9 | 2441.1 | 2434.1 | 2423.8 | 2423.8 | 2416.8 | 2420.3 |
| 10° | 2451.4 | 2430.7 | 2409.9 | 2396.1 | 2385.7 | 2375.3 | 2368.4 | 2361.5 | 2358.0 | 2358.0 |
| 12.5° | 2399.5 | 2375.3 | 2354.6 | 2333.8 | 2316.5 | 2309.6 | 2295.7 | 2295.7 | 2288.8 | 2285.2 |
| 15° | 2340.7 | 2309.6 | 2285.2 | 2264.5 | 2250.6 | 2236.8 | 2226.4 | 2219.5 | 2212.6 | 2212.6 |
| 17.5° | 2264.5 | 2236.8 | 2212.6 | 2188.3 | 2167.6 | 2157.2 | 2146.8 | 2136.4 | 2136.4 | 2129.5 |
| 20° | 2181.4 | 2150.3 | 2129.5 | 2105.2 | 2087.9 | 2070.6 | 2056.7 | 2056.7 | 2049.8 | 2053.3 |
| 22.5° | 2087.9 | 2049.8 | 2029.1 | 2011.8 | 1994.5 | 1980.6 | 1966.8 | 1966.8 | 1963.3 | 1959.9 |
| 25° | 1984.1 | 1952.9 | 1928.6 | 1907.8 | 1897.5 | 1883.6 | 1880.2 | 1873.2 | 1869.8 | 1869.8 |
| 27.5° | 1873.2 | 1849.0 | 1817.9 | 1807.5 | 1793.7 | 1786.7 | 1786.7 | 1783.3 | 1776.2 | 1779.7 |
| 30° | 1755.5 | 1727.8 | 1710.5 | 1703.6 | 1689.7 | 1689.7 | 1686.3 | 1679.4 | 1679.4 | 1682.8 |
| 32.5° | 1641.3 | 1613.6 | 1599.7 | 1596.2 | 1582.3 | 1582.3 | 1578.9 | 1582.3 | 1582.3 | 1585.8 |
| 35° | 1516.6 | 1492.4 | 1488.9 | 1478.5 | 1475.1 | 1475.1 | 1475.1 | 1482.0 | 1488.9 | 1478.5 |
| 37.5° | 1398.8 | 1381.5 | 1371.2 | 1367.7 | 1371.2 | 1371.2 | 1374.6 | 1385.0 | 1381.5 | 1378.1 |
| 40° | 1277.7 | 1263.8 | 1256.9 | 1256.9 | 1263.8 | 1270.7 | 1270.7 | 1281.2 | 1284.7 | 1281.2 |
| 42.5° | 1156.5 | 1146.1 | 1146.1 | 1149.6 | 1156.5 | 1160.0 | 1170.4 | 1180.7 | 1184.2 | 1187.7 |
| 45° | 1042.2 | 1042.2 | 1042.2 | 1045.7 | 1049.1 | 1056.1 | 1069.9 | 1080.3 | 1083.7 | 1087.2 |
| 47.5° | 931.4 | 927.9 | 938.4 | 941.9 | 952.2 | 955.7 | 966.1 | 979.9 | 983.4 | 986.8 |
| 50° | 827.6 | 834.5 | 837.9 | 848.3 | 855.2 | 855.2 | 869.1 | 876.0 | 886.4 | 886.4 |
| 52.5° | 730.6 | 740.9 | 744.4 | 754.8 | 758.2 | 761.7 | 768.7 | 779.1 | 786.0 | 786.0 |
| 55° | 644.1 | 647.5 | 654.4 | 657.9 | 668.3 | 671.7 | 678.7 | 682.1 | 692.5 | 689.0 |
| 56° | 606.0 | 612.9 | 616.4 | 623.3 | 630.2 | 633.7 | 640.6 | 644.1 | 651.0 | 654.4 |
| 57° | 571.3 | 574.7 | 585.1 | 588.6 | 595.6 | 595.6 | 599.1 | 609.5 | 609.5 | 612.9 |
| 58° | 536.7 | 543.6 | 547.1 | 550.5 | 557.4 | 560.9 | 567.8 | 571.3 | 574.7 | 571.3 |
| 59° | 505.5 | 509.0 | 512.5 | 512.5 | 519.4 | 519.4 | 529.8 | 536.7 | 540.1 | 540.1 |
| 60° | 474.4 | 474.4 | 477.9 | 481.3 | 488.2 | 491.7 | 491.7 | 498.6 | 498.6 | 498.6 |
| 61° | 443.3 | 443.3 | 446.7 | 450.2 | 453.6 | 453.6 | 460.6 | 460.6 | 464.0 | 467.5 |
| 62° | 415.5 | 412.0 | 412.0 | 415.5 | 415.5 | 422.4 | 426.0 | 429.4 | 432.9 | 429.4 |
| 63° | 384.3 | 380.9 | 380.9 | 380.9 | 380.9 | 387.8 | 387.8 | 391.2 | 398.2 | 394.7 |
| 64° | 349.7 | 349.7 | 349.7 | 349.7 | 353.2 | 353.2 | 360.1 | 363.6 | 367.0 | 370.5 |
| 65° | 325.5 | 318.6 | 315.1 | 315.1 | 318.6 | 322.0 | 325.5 | 328.9 | 332.4 | 332.4 |
| 66° | 297.8 | 290.9 | 287.4 | 287.4 | 287.4 | 287.4 | 294.3 | 294.3 | 301.3 | 301.3 |
| 67° | 266.7 | 259.7 | 256.3 | 252.7 | 252.7 | 252.7 | 263.2 | 259.7 | 259.7 | 259.7 |
| 67.5° | 256.3 | 245.8 | 242.3 | 238.9 | 235.4 | 242.3 | 238.9 | 242.3 | 242.3 | 238.9 |
| 68° | 242.3 | 235.4 | 228.5 | 221.6 | 221.6 | 221.6 | 225.0 | 228.5 | 225.0 | 221.6 |
| 69° | 214.6 | 211.2 | 200.8 | 193.9 | 190.4 | 193.9 | 190.4 | 193.9 | 190.4 | 193.9 |
| 70° | 190.4 | 180.0 | 169.7 | 166.2 | 162.7 | 162.7 | 162.7 | 159.3 | 162.7 | 159.3 |
| 71° | 166.2 | 155.8 | 145.4 | 138.5 | 135.1 | 135.1 | 131.6 | 135.1 | 131.6 | 135.1 |
| 72° | 142.0 | 131.6 | 117.8 | 110.8 | 110.8 | 110.8 | 110.8 | 107.4 | 110.8 | 107.4 |
| 72.5° | 131.6 | 117.8 | 107.4 | 100.5 | 97.0 | 97.0 | 97.0 | 97.0 | 93.5 | 97.0 |
| 73° | 121.2 | 107.4 | 93.5 | 90.1 | 90.1 | 90.1 | 86.6 | 83.0 | 86.6 | 86.6 |



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 CATALOG NUMBER: HCC8W60D010MW-HM86080830-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 41.5 | 31.1 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 24.2 | 24.2 |
| 80° | 17.3 | 13.8 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 |
| 82.5° | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 85° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 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° | 225.0 | 225.0 | 218.1 | 207.7 | 190.4 | 173.1 | 159.3 | 145.4 | 128.1 | 110.8 | 103.9 |
| 75° | 207.7 | 204.3 | 197.3 | 187.0 | 173.1 | 155.8 | 142.0 | 124.7 | 110.8 | 93.5 | 86.6 |

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|-----|-------|------|------|------|------|------|------|------|------|------|
| 74° | 100.5 | 83.0 | 76.1 | 69.2 | 69.2 | 69.2 | 65.7 | 65.7 | 65.7 | 69.2 |
| 75° | 79.6 | 65.7 | 58.8 | 51.9 | 55.4 | 51.9 | 55.4 | 51.9 | 51.9 | 51.9 |

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(END OF REPORT)