

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: P585144

Luminaire Tested: **HCC8W60D010BZ-HM86080930-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585144
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: HCC8W60D010BZ-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

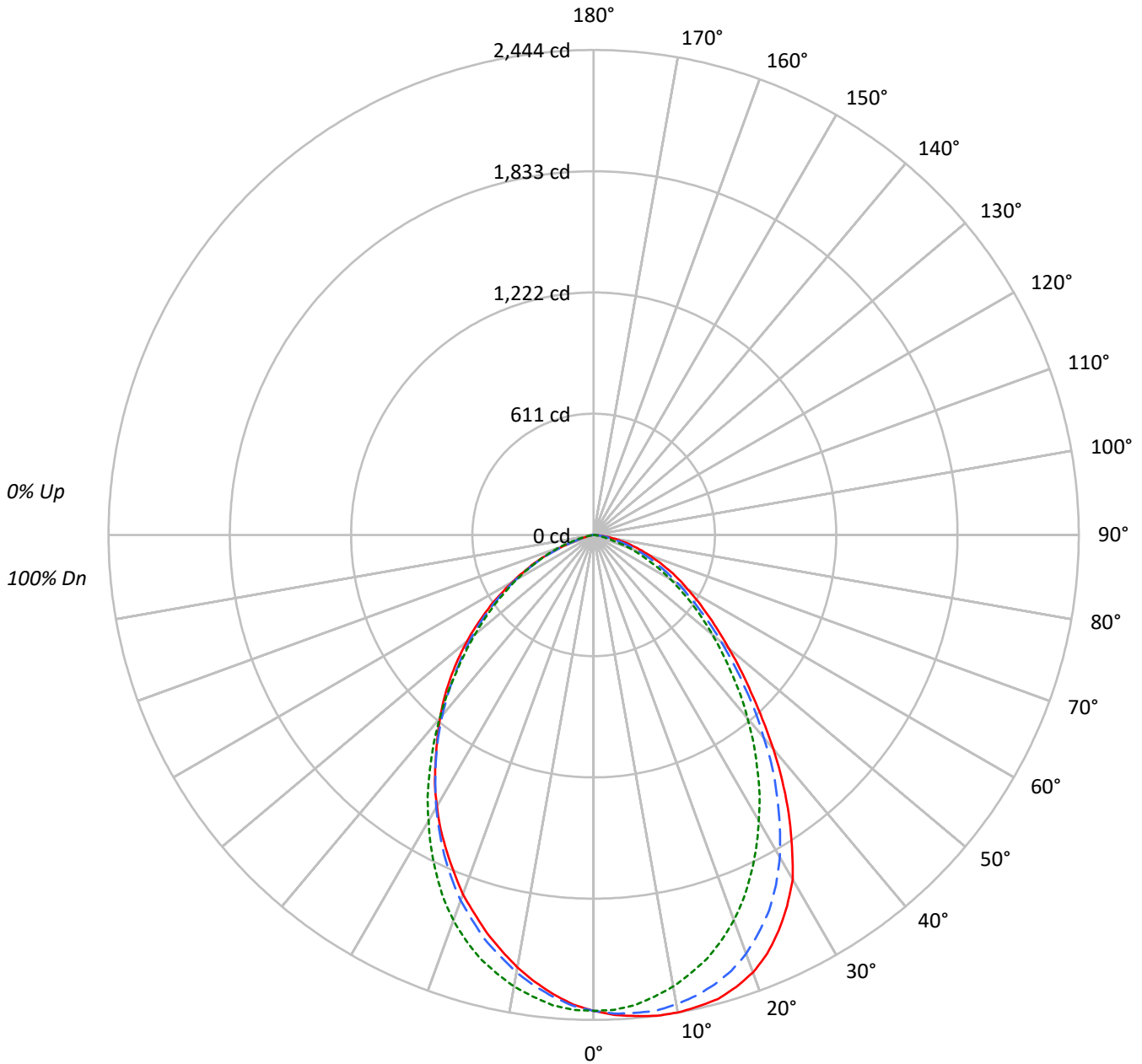
Lumens per Lamp: N/A
Luminaire Lumens: 4496.2 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P585144
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Luminous Intensity Polar Plot





TEST NUMBER: P585144

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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° | 73958 | 73958 | 73958 |
| 5° | 75345 | 73637 | 71925 |
| 10° | 76523 | 72350 | 69297 |
| 15° | 77291 | 70549 | 66297 |
| 20° | 76998 | 67826 | 63238 |
| 25° | 74965 | 63911 | 59709 |
| 30° | 71399 | 59246 | 56241 |
| 35° | 64473 | 54072 | 52239 |
| 40° | 56641 | 48530 | 48401 |
| 45° | 48895 | 42658 | 44499 |
| 50° | 42561 | 37414 | 39909 |
| 55° | 37741 | 32499 | 34768 |
| 60° | 33673 | 27457 | 28857 |
| 65° | 30353 | 22291 | 22765 |
| 70° | 26958 | 16698 | 13479 |
| 75° | 23233 | 9674 | 5814 |
| 80° | 17882 | 3463 | 1740 |
| 85° | 11499 | 1132 | 1132 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 225.1 | 5.0 |
| 10°-20° | 626.8 | 13.9 |
| 20°-30° | 886.5 | 19.7 |
| 30°-40° | 934.1 | 20.8 |
| 40°-50° | 793.9 | 17.7 |
| 50°-60° | 571.7 | 12.7 |
| 60°-70° | 329.8 | 7.3 |
| 70°-80° | 112.8 | 2.5 |
| 80°-90° | 15.5 | 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° | 1738.4 | 38.7 |
| 0°-40° | 2672.5 | 59.4 |
| 0°-60° | 4038.1 | 89.8 |
| 0°-90° | 4496.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4496.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2398 | 2398 | 2398 | 2398 | 2398 | |
| 5° | 2434 | 2418 | 2379 | 2337 | 2324 | 233 |
| 15° | 2421 | 2346 | 2210 | 2112 | 2077 | 682 |
| 25° | 2203 | 2090 | 1878 | 1781 | 1755 | 1010 |
| 35° | 1713 | 1612 | 1436 | 1384 | 1388 | 1067 |
| 45° | 1121 | 1069 | 978 | 985 | 1020 | 871 |
| 55° | 702 | 647 | 604 | 627 | 647 | 632 |
| 65° | 416 | 357 | 306 | 299 | 312 | 414 |
| 75° | 195 | 146 | 81 | 52 | 49 | 206 |
| 85° | 32 | 20 | 3 | 3 | 3 | 44 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585144

CATALOG NUMBER: HCC8W60D010BZ-HM86080930-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 |
| 2.5° | 2421.1 | 2424.3 | 2421.1 | 2421.1 | 2417.9 | 2414.6 | 2411.4 | 2408.2 | 2401.6 | 2395.2 | 2395.2 |
| 5° | 2434.1 | 2440.6 | 2434.1 | 2434.1 | 2424.3 | 2417.9 | 2411.4 | 2401.6 | 2388.7 | 2378.9 | 2378.9 |
| 7.5° | 2443.9 | 2443.9 | 2443.9 | 2434.1 | 2427.7 | 2417.9 | 2401.6 | 2385.3 | 2369.1 | 2352.9 | 2346.4 |
| 10° | 2443.9 | 2443.9 | 2440.6 | 2427.7 | 2421.1 | 2401.6 | 2385.3 | 2362.6 | 2339.9 | 2317.2 | 2310.6 |
| 12.5° | 2434.1 | 2437.4 | 2430.9 | 2417.9 | 2401.6 | 2378.9 | 2356.2 | 2326.9 | 2300.9 | 2274.9 | 2261.9 |
| 15° | 2421.1 | 2417.9 | 2411.4 | 2395.2 | 2375.7 | 2346.4 | 2323.6 | 2291.1 | 2255.4 | 2222.9 | 2209.9 |
| 17.5° | 2388.7 | 2388.7 | 2378.9 | 2362.6 | 2336.7 | 2304.1 | 2268.4 | 2232.6 | 2193.7 | 2157.9 | 2141.6 |
| 20° | 2346.4 | 2346.4 | 2333.4 | 2313.8 | 2287.9 | 2245.7 | 2206.7 | 2164.4 | 2118.9 | 2083.2 | 2066.9 |
| 22.5° | 2284.7 | 2287.9 | 2271.6 | 2248.9 | 2219.6 | 2170.9 | 2131.9 | 2079.9 | 2034.4 | 1992.2 | 1979.1 |
| 25° | 2203.3 | 2209.9 | 2193.7 | 2170.9 | 2131.9 | 2089.6 | 2040.9 | 1992.2 | 1940.1 | 1897.9 | 1878.4 |
| 27.5° | 2109.1 | 2112.5 | 2096.2 | 2073.4 | 2034.4 | 1988.9 | 1940.1 | 1888.1 | 1839.4 | 1793.9 | 1774.4 |
| 30° | 2005.2 | 1992.2 | 1985.7 | 1956.4 | 1914.2 | 1875.2 | 1819.9 | 1777.6 | 1725.7 | 1686.6 | 1663.9 |
| 32.5° | 1858.9 | 1865.4 | 1845.9 | 1823.2 | 1790.7 | 1745.2 | 1699.7 | 1651.0 | 1602.2 | 1572.9 | 1556.6 |
| 35° | 1712.7 | 1719.1 | 1709.5 | 1686.6 | 1651.0 | 1611.9 | 1566.4 | 1530.7 | 1488.5 | 1452.7 | 1436.4 |
| 37.5° | 1560.0 | 1560.0 | 1553.4 | 1540.5 | 1514.4 | 1478.7 | 1433.2 | 1397.5 | 1361.7 | 1332.4 | 1322.7 |
| 40° | 1407.1 | 1400.7 | 1397.5 | 1387.7 | 1364.9 | 1332.4 | 1303.2 | 1273.9 | 1238.2 | 1218.7 | 1205.6 |
| 42.5° | 1257.7 | 1257.7 | 1251.2 | 1241.4 | 1218.7 | 1202.4 | 1173.2 | 1140.7 | 1114.6 | 1095.2 | 1095.2 |
| 45° | 1121.2 | 1124.4 | 1114.6 | 1108.2 | 1095.2 | 1069.2 | 1043.3 | 1020.4 | 997.7 | 984.7 | 978.2 |
| 47.5° | 1000.9 | 1000.9 | 991.2 | 984.7 | 971.7 | 948.9 | 926.2 | 906.7 | 890.4 | 880.7 | 877.5 |
| 50° | 887.2 | 887.2 | 887.2 | 870.9 | 854.7 | 838.4 | 822.3 | 799.4 | 789.7 | 783.2 | 779.9 |
| 52.5° | 789.7 | 786.5 | 786.5 | 773.5 | 757.2 | 737.7 | 721.5 | 702.0 | 692.3 | 685.7 | 688.9 |
| 55° | 702.0 | 702.0 | 698.7 | 682.5 | 666.2 | 646.7 | 630.4 | 614.2 | 607.7 | 601.3 | 604.5 |
| 56° | 666.2 | 666.2 | 663.0 | 649.9 | 630.4 | 614.2 | 594.7 | 578.4 | 568.7 | 572.0 | 572.0 |
| 57° | 640.3 | 633.7 | 633.7 | 617.4 | 601.3 | 578.4 | 562.2 | 546.0 | 539.4 | 536.2 | 536.2 |
| 58° | 607.7 | 604.5 | 601.3 | 585.0 | 568.7 | 549.2 | 533.0 | 516.7 | 506.9 | 506.9 | 503.7 |
| 59° | 575.2 | 575.2 | 568.7 | 555.7 | 539.4 | 520.0 | 503.7 | 487.4 | 477.7 | 474.5 | 474.5 |
| 60° | 546.0 | 549.2 | 539.4 | 526.5 | 513.5 | 490.8 | 471.3 | 458.2 | 448.4 | 445.2 | 445.2 |
| 61° | 520.0 | 520.0 | 513.5 | 497.2 | 481.0 | 464.7 | 445.2 | 428.9 | 422.5 | 416.0 | 416.0 |
| 62° | 497.2 | 490.8 | 487.4 | 471.3 | 455.0 | 435.5 | 419.3 | 403.0 | 393.2 | 386.7 | 390.0 |
| 63° | 467.9 | 464.7 | 458.2 | 445.2 | 428.9 | 409.5 | 390.0 | 376.9 | 367.2 | 357.4 | 360.8 |
| 64° | 445.2 | 442.0 | 432.2 | 419.3 | 403.0 | 383.5 | 364.0 | 351.0 | 344.5 | 334.7 | 331.5 |
| 65° | 416.0 | 412.7 | 409.5 | 393.2 | 376.9 | 357.4 | 341.3 | 328.3 | 318.5 | 312.0 | 305.5 |
| 66° | 390.0 | 393.2 | 386.7 | 373.7 | 354.2 | 337.9 | 315.2 | 302.2 | 295.7 | 286.0 | 279.5 |
| 67° | 367.2 | 367.2 | 360.8 | 347.8 | 328.3 | 312.0 | 295.7 | 279.5 | 269.8 | 260.0 | 256.7 |
| 67.5° | 354.2 | 354.2 | 347.8 | 331.5 | 318.5 | 299.0 | 282.7 | 269.8 | 256.7 | 250.3 | 243.7 |
| 68° | 341.3 | 341.3 | 337.9 | 325.0 | 308.8 | 289.3 | 273.0 | 256.7 | 243.7 | 234.0 | 230.8 |
| 69° | 318.5 | 321.7 | 315.2 | 302.2 | 286.0 | 266.4 | 250.3 | 237.3 | 224.2 | 214.5 | 208.0 |
| 70° | 299.0 | 295.7 | 289.3 | 276.2 | 260.0 | 246.9 | 230.8 | 214.5 | 201.5 | 188.5 | 185.2 |
| 71° | 273.0 | 273.0 | 266.4 | 256.7 | 240.5 | 224.2 | 208.0 | 195.0 | 182.0 | 165.7 | 162.5 |
| 72° | 253.5 | 253.5 | 246.9 | 234.0 | 221.0 | 204.7 | 188.5 | 172.2 | 162.5 | 146.3 | 139.8 |
| 72.5° | 240.5 | 243.7 | 237.3 | 224.2 | 211.2 | 191.7 | 178.8 | 165.7 | 149.5 | 136.4 | 130.0 |
| 73° | 234.0 | 230.8 | 227.5 | 214.5 | 198.3 | 185.2 | 169.0 | 155.9 | 139.8 | 126.8 | 120.3 |



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 CATALOG NUMBER: HCC8W60D010BZ-HM86080930-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 77.5° | 146.3 | 146.3 | 143.0 | 130.0 | 117.0 | 104.0 | 91.0 | 78.0 | 65.1 | 52.0 | 45.4 |
| 80° | 100.7 | 104.0 | 97.5 | 91.0 | 81.2 | 68.3 | 55.2 | 45.4 | 32.5 | 26.0 | 19.5 |
| 82.5° | 65.1 | 65.1 | 61.7 | 55.2 | 48.8 | 39.0 | 32.5 | 22.7 | 16.3 | 13.0 | 9.8 |
| 85° | 32.5 | 35.8 | 32.5 | 29.3 | 22.7 | 19.5 | 16.3 | 9.8 | 6.5 | 3.2 | 3.2 |
| 87.5° | 13.0 | 13.0 | 13.0 | 9.8 | 9.8 | 6.5 | 3.2 | 3.2 | 3.2 | 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 |

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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 | 2398.4 |
| 2.5° | 2388.7 | 2388.7 | 2382.1 | 2378.9 | 2375.7 | 2372.4 | 2369.1 | 2365.9 | 2365.9 | 2369.1 |
| 5° | 2369.1 | 2362.6 | 2349.6 | 2346.4 | 2336.7 | 2333.4 | 2326.9 | 2323.6 | 2326.9 | 2323.6 |
| 7.5° | 2339.9 | 2326.9 | 2310.6 | 2304.1 | 2291.1 | 2284.7 | 2274.9 | 2274.9 | 2268.4 | 2271.6 |
| 10° | 2300.9 | 2281.4 | 2261.9 | 2248.9 | 2239.1 | 2229.4 | 2222.9 | 2216.4 | 2213.1 | 2213.1 |
| 12.5° | 2252.1 | 2229.4 | 2209.9 | 2190.4 | 2174.2 | 2167.7 | 2154.7 | 2154.7 | 2148.1 | 2144.9 |
| 15° | 2196.9 | 2167.7 | 2144.9 | 2125.4 | 2112.5 | 2099.4 | 2089.6 | 2083.2 | 2076.7 | 2076.7 |
| 17.5° | 2125.4 | 2099.4 | 2076.7 | 2053.9 | 2034.4 | 2024.7 | 2014.9 | 2005.2 | 2005.2 | 1998.6 |
| 20° | 2047.4 | 2018.1 | 1998.6 | 1975.9 | 1959.6 | 1943.4 | 1930.4 | 1930.4 | 1923.9 | 1927.1 |
| 22.5° | 1959.6 | 1923.9 | 1904.4 | 1888.1 | 1871.9 | 1858.9 | 1845.9 | 1845.9 | 1842.7 | 1839.4 |
| 25° | 1862.2 | 1832.9 | 1810.1 | 1790.7 | 1781.0 | 1767.9 | 1764.7 | 1758.1 | 1754.9 | 1754.9 |
| 27.5° | 1758.1 | 1735.4 | 1706.2 | 1696.4 | 1683.4 | 1676.9 | 1676.9 | 1673.7 | 1667.1 | 1670.5 |
| 30° | 1647.6 | 1621.7 | 1605.4 | 1599.0 | 1585.9 | 1585.9 | 1582.7 | 1576.1 | 1576.1 | 1579.5 |
| 32.5° | 1540.5 | 1514.4 | 1501.4 | 1498.2 | 1485.2 | 1485.2 | 1481.9 | 1485.2 | 1485.2 | 1488.5 |
| 35° | 1423.4 | 1400.7 | 1397.5 | 1387.7 | 1384.4 | 1384.4 | 1384.4 | 1390.9 | 1397.5 | 1387.7 |
| 37.5° | 1312.9 | 1296.7 | 1287.0 | 1283.7 | 1287.0 | 1287.0 | 1290.2 | 1299.9 | 1296.7 | 1293.4 |
| 40° | 1199.2 | 1186.2 | 1179.7 | 1179.7 | 1186.2 | 1192.7 | 1192.7 | 1202.4 | 1205.6 | 1202.4 |
| 42.5° | 1085.5 | 1075.7 | 1075.7 | 1079.0 | 1085.5 | 1088.7 | 1098.5 | 1108.2 | 1111.4 | 1114.6 |
| 45° | 978.2 | 978.2 | 978.2 | 981.4 | 984.7 | 991.2 | 1004.2 | 1014.0 | 1017.2 | 1020.4 |
| 47.5° | 874.2 | 870.9 | 880.7 | 884.0 | 893.7 | 897.0 | 906.7 | 919.7 | 923.0 | 926.2 |
| 50° | 776.7 | 783.2 | 786.5 | 796.2 | 802.8 | 802.8 | 815.7 | 822.3 | 831.9 | 831.9 |
| 52.5° | 685.7 | 695.5 | 698.7 | 708.4 | 711.8 | 715.0 | 721.5 | 731.3 | 737.7 | 737.7 |
| 55° | 604.5 | 607.7 | 614.2 | 617.4 | 627.2 | 630.4 | 637.0 | 640.3 | 649.9 | 646.7 |
| 56° | 568.7 | 575.2 | 578.4 | 585.0 | 591.5 | 594.7 | 601.3 | 604.5 | 611.0 | 614.2 |
| 57° | 536.2 | 539.4 | 549.2 | 552.5 | 558.9 | 558.9 | 562.2 | 572.0 | 572.0 | 575.2 |
| 58° | 503.7 | 510.3 | 513.5 | 516.7 | 523.2 | 526.5 | 533.0 | 536.2 | 539.4 | 536.2 |
| 59° | 474.5 | 477.7 | 481.0 | 481.0 | 487.4 | 487.4 | 497.2 | 503.7 | 506.9 | 506.9 |
| 60° | 445.2 | 445.2 | 448.4 | 451.7 | 458.2 | 461.5 | 461.5 | 467.9 | 467.9 | 467.9 |
| 61° | 416.0 | 416.0 | 419.3 | 422.5 | 425.7 | 425.7 | 432.2 | 432.2 | 435.5 | 438.8 |
| 62° | 390.0 | 386.7 | 386.7 | 390.0 | 390.0 | 396.4 | 399.8 | 403.0 | 406.2 | 403.0 |
| 63° | 360.8 | 357.4 | 357.4 | 357.4 | 357.4 | 364.0 | 364.0 | 367.2 | 373.7 | 370.5 |
| 64° | 328.3 | 328.3 | 328.3 | 328.3 | 331.5 | 331.5 | 337.9 | 341.3 | 344.5 | 347.8 |
| 65° | 305.5 | 299.0 | 295.7 | 295.7 | 299.0 | 302.2 | 305.5 | 308.8 | 312.0 | 312.0 |
| 66° | 279.5 | 273.0 | 269.8 | 269.8 | 269.8 | 269.8 | 276.2 | 276.2 | 282.7 | 282.7 |
| 67° | 250.3 | 243.7 | 240.5 | 237.3 | 237.3 | 237.3 | 246.9 | 243.7 | 243.7 | 243.7 |
| 67.5° | 240.5 | 230.8 | 227.5 | 224.2 | 221.0 | 227.5 | 224.2 | 227.5 | 227.5 | 224.2 |
| 68° | 227.5 | 221.0 | 214.5 | 208.0 | 208.0 | 208.0 | 211.2 | 214.5 | 211.2 | 208.0 |
| 69° | 201.5 | 198.3 | 188.5 | 182.0 | 178.8 | 182.0 | 178.8 | 182.0 | 178.8 | 182.0 |
| 70° | 178.8 | 169.0 | 159.3 | 155.9 | 152.7 | 152.7 | 152.7 | 149.5 | 152.7 | 149.5 |
| 71° | 155.9 | 146.3 | 136.4 | 130.0 | 126.8 | 126.8 | 123.5 | 126.8 | 123.5 | 126.8 |
| 72° | 133.2 | 123.5 | 110.5 | 104.0 | 104.0 | 104.0 | 104.0 | 100.7 | 104.0 | 100.7 |
| 72.5° | 123.5 | 110.5 | 100.7 | 94.2 | 91.0 | 91.0 | 91.0 | 91.0 | 87.8 | 91.0 |
| 73° | 113.7 | 100.7 | 87.8 | 84.5 | 84.5 | 84.5 | 81.2 | 78.0 | 81.2 | 81.2 |



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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 39.0 | 29.3 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 22.7 | 22.7 |
| 80° | 16.3 | 13.0 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 82.5° | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 85° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 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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| | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 74° | 211.2 | 211.2 | 204.7 | 195.0 | 178.8 | 162.5 | 149.5 | 136.4 | 120.3 | 104.0 | 97.5 |
| 75° | 195.0 | 191.7 | 185.2 | 175.5 | 162.5 | 146.3 | 133.2 | 117.0 | 104.0 | 87.8 | 81.2 |

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| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 94.2 | 78.0 | 71.5 | 65.1 | 65.1 | 65.1 | 61.7 | 61.7 | 61.7 | 65.1 |
| 75° | 74.7 | 61.7 | 55.2 | 48.8 | 52.0 | 48.8 | 52.0 | 48.8 | 48.8 | 48.8 |

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