

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: P585297

Luminaire Tested: **HCC8W80D010SL-HM86080935-81RWWH**

Issue Date: 10/21/2021

**Test Information**

Test Method: LM-41-14  
Report Number: P585297  
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: HCC8W80D010SL-HM86080935-81RWWH  
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM  
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT  
CYLINDER  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

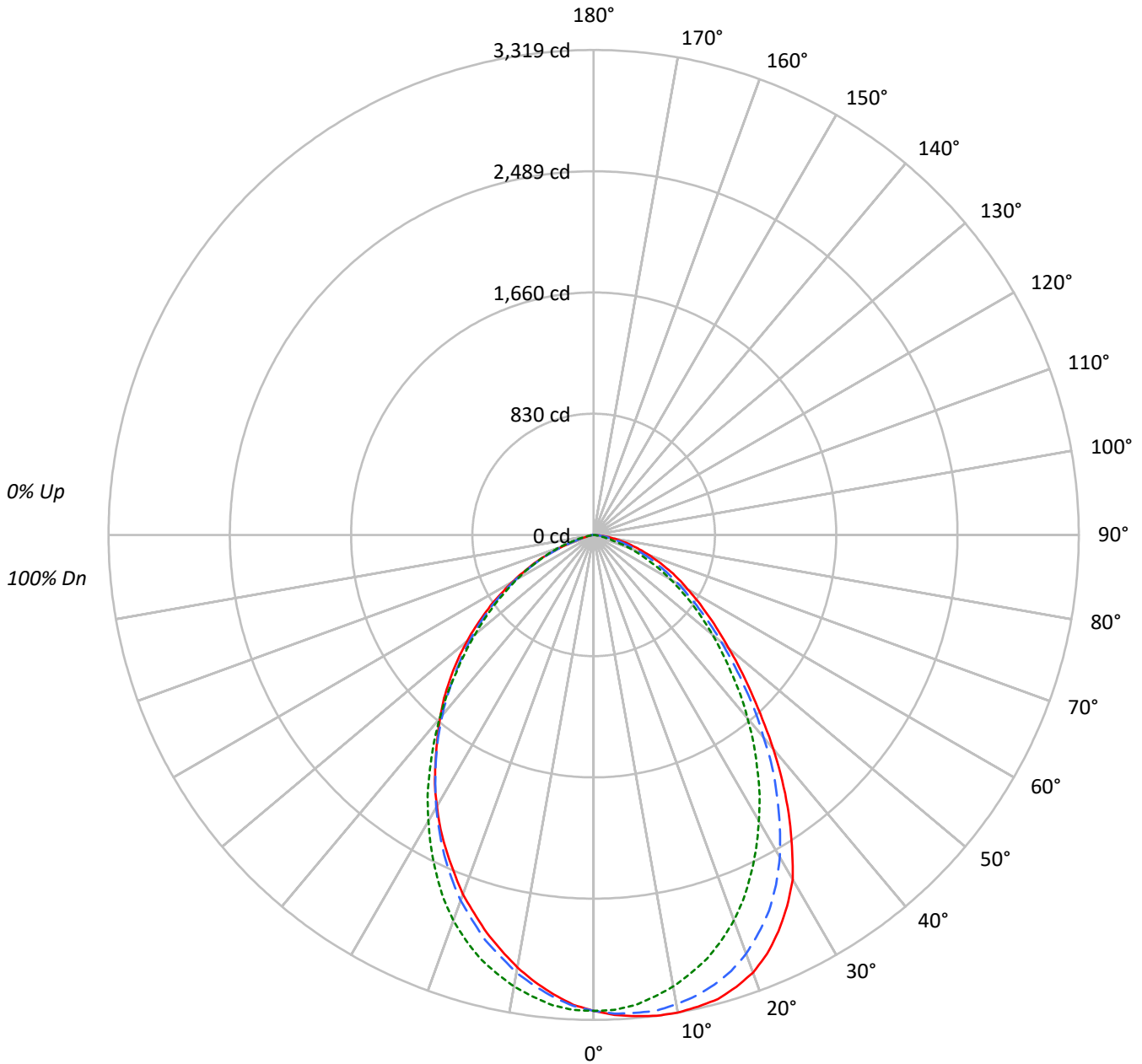
Lumens per Lamp: N/A  
Luminaire Lumens: 6106.6 lumens  
Efficiency: N/A  
Efficacy: 87.2 lumens/watt  
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16  
Luminous Opening: Circular (Dia: 0.67' x H: 0')  
CIE Type: Direct

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: P585297  
CATALOG NUMBER: HCC8W80D010SL-HM86080935-81RWWH

### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |  |  |  |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|--|--|--|--|---|
| RF  | 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°  | 100446 | 100446 | 100446 |
| 5°  | 102334 | 100013 | 97691  |
| 10° | 103931 | 98263  | 94118  |
| 15° | 104976 | 95817  | 90039  |
| 20° | 104579 | 92119  | 85894  |
| 25° | 101821 | 86802  | 81096  |
| 30° | 96971  | 80468  | 76384  |
| 35° | 87568  | 73440  | 70948  |
| 40° | 76933  | 65916  | 65739  |
| 45° | 66408  | 57939  | 60438  |
| 50° | 57802  | 50818  | 54204  |
| 55° | 51251  | 44138  | 47219  |
| 60° | 45736  | 37293  | 39199  |
| 65° | 41225  | 30280  | 30923  |
| 70° | 36605  | 22684  | 18311  |
| 75° | 31549  | 13141  | 7887   |
| 80° | 24311  | 4706   | 2344   |
| 85° | 15603  | 1557   | 1557   |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 305.8  | 5.0       |
| 10°-20°   | 851.3  | 13.9      |
| 20°-30°   | 1204.0 | 19.7      |
| 30°-40°   | 1268.7 | 20.8      |
| 40°-50°   | 1078.2 | 17.7      |
| 50°-60°   | 776.4  | 12.7      |
| 60°-70°   | 447.9  | 7.3       |
| 70°-80°   | 153.2  | 2.5       |
| 80°-90°   | 21.0   | 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°    | 2361.1 | 38.7      |
| 0°-40°    | 3629.8 | 59.4      |
| 0°-60°    | 5484.4 | 89.8      |
| 0°-90°    | 6106.6 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 6106.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 45°  | 90°  | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3257 | 3257 | 3257 | 3257 | 3257 |      |
| 5°  | 3306 | 3284 | 3231 | 3174 | 3156 | 316  |
| 15° | 3288 | 3187 | 3001 | 2869 | 2820 | 926  |
| 25° | 2993 | 2838 | 2551 | 2419 | 2384 | 1372 |
| 35° | 2326 | 2189 | 1951 | 1880 | 1885 | 1449 |
| 45° | 1523 | 1452 | 1329 | 1337 | 1386 | 1183 |
| 55° | 953  | 878  | 821  | 852  | 878  | 858  |
| 65° | 565  | 486  | 415  | 406  | 424  | 562  |
| 75° | 265  | 199  | 110  | 71   | 66   | 279  |
| 85° | 44   | 26   | 4    | 4    | 4    | 59   |
| 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°    | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 |
| 2.5°  | 3288.3 | 3292.7 | 3288.3 | 3288.3 | 3283.9 | 3279.5 | 3275.1 | 3270.7 | 3261.9 | 3253.0 | 3253.0 |
| 5°    | 3306.0 | 3314.8 | 3306.0 | 3306.0 | 3292.7 | 3283.9 | 3275.1 | 3261.9 | 3244.2 | 3231.0 | 3231.0 |
| 7.5°  | 3319.2 | 3319.2 | 3319.2 | 3306.0 | 3297.2 | 3283.9 | 3261.9 | 3239.8 | 3217.7 | 3195.7 | 3186.9 |
| 10°   | 3319.2 | 3319.2 | 3314.8 | 3297.2 | 3288.3 | 3261.9 | 3239.8 | 3208.9 | 3178.0 | 3147.0 | 3138.2 |
| 12.5° | 3306.0 | 3310.4 | 3301.6 | 3283.9 | 3261.9 | 3231.0 | 3200.1 | 3160.4 | 3125.0 | 3089.7 | 3072.0 |
| 15°   | 3288.3 | 3283.9 | 3275.1 | 3253.0 | 3226.6 | 3186.9 | 3156.0 | 3111.7 | 3063.2 | 3019.1 | 3001.4 |
| 17.5° | 3244.2 | 3244.2 | 3231.0 | 3208.9 | 3173.6 | 3129.4 | 3080.9 | 3032.3 | 2979.4 | 2930.8 | 2908.8 |
| 20°   | 3186.9 | 3186.9 | 3169.2 | 3142.6 | 3107.3 | 3050.0 | 2997.0 | 2939.7 | 2877.9 | 2829.3 | 2807.2 |
| 22.5° | 3102.9 | 3107.3 | 3085.3 | 3054.4 | 3014.7 | 2948.5 | 2895.5 | 2824.8 | 2763.1 | 2705.7 | 2688.1 |
| 25°   | 2992.6 | 3001.4 | 2979.4 | 2948.5 | 2895.5 | 2838.1 | 2771.9 | 2705.7 | 2635.1 | 2577.8 | 2551.2 |
| 27.5° | 2864.7 | 2869.1 | 2846.9 | 2816.0 | 2763.1 | 2701.3 | 2635.1 | 2564.4 | 2498.2 | 2436.5 | 2410.0 |
| 30°   | 2723.4 | 2705.7 | 2696.9 | 2657.2 | 2599.7 | 2546.8 | 2471.8 | 2414.4 | 2343.8 | 2290.8 | 2259.9 |
| 32.5° | 2524.7 | 2533.5 | 2507.1 | 2476.2 | 2432.1 | 2370.3 | 2308.4 | 2242.2 | 2176.0 | 2136.3 | 2114.3 |
| 35°   | 2326.2 | 2335.0 | 2321.6 | 2290.8 | 2242.2 | 2189.3 | 2127.5 | 2079.0 | 2021.5 | 1973.0 | 1950.9 |
| 37.5° | 2118.7 | 2118.7 | 2109.9 | 2092.2 | 2056.9 | 2008.3 | 1946.5 | 1898.0 | 1849.4 | 1809.7 | 1796.5 |
| 40°   | 1911.2 | 1902.4 | 1898.0 | 1884.7 | 1853.8 | 1809.7 | 1769.9 | 1730.2 | 1681.7 | 1655.2 | 1637.5 |
| 42.5° | 1708.1 | 1708.1 | 1699.3 | 1686.1 | 1655.2 | 1633.1 | 1593.4 | 1549.3 | 1514.0 | 1487.4 | 1487.4 |
| 45°   | 1522.8 | 1527.2 | 1514.0 | 1505.2 | 1487.4 | 1452.1 | 1416.8 | 1385.9 | 1355.1 | 1337.4 | 1328.6 |
| 47.5° | 1359.5 | 1359.5 | 1346.2 | 1337.4 | 1319.8 | 1288.9 | 1258.0 | 1231.4 | 1209.5 | 1196.1 | 1191.7 |
| 50°   | 1204.9 | 1204.9 | 1204.9 | 1182.9 | 1160.8 | 1138.8 | 1116.7 | 1085.8 | 1072.6 | 1063.8 | 1059.3 |
| 52.5° | 1072.6 | 1068.2 | 1068.2 | 1050.5 | 1028.5 | 1002.0 | 979.9  | 953.3  | 940.1  | 931.3  | 935.7  |
| 55°   | 953.3  | 953.3  | 948.9  | 926.9  | 904.8  | 878.3  | 856.3  | 834.2  | 825.4  | 816.6  | 821.0  |
| 56°   | 904.8  | 904.8  | 900.4  | 882.8  | 856.3  | 834.2  | 807.7  | 785.7  | 772.4  | 776.9  | 776.9  |
| 57°   | 869.5  | 860.7  | 860.7  | 838.6  | 816.6  | 785.7  | 763.6  | 741.6  | 732.7  | 728.3  | 728.3  |
| 58°   | 825.4  | 821.0  | 816.6  | 794.5  | 772.4  | 746.0  | 723.9  | 701.7  | 688.5  | 688.5  | 684.2  |
| 59°   | 781.3  | 781.3  | 772.4  | 754.8  | 732.7  | 706.3  | 684.2  | 662.0  | 648.8  | 644.4  | 644.4  |
| 60°   | 741.6  | 746.0  | 732.7  | 715.1  | 697.3  | 666.6  | 640.0  | 622.3  | 609.1  | 604.7  | 604.7  |
| 61°   | 706.3  | 706.3  | 697.3  | 675.4  | 653.2  | 631.2  | 604.7  | 582.6  | 573.8  | 565.0  | 565.0  |
| 62°   | 675.4  | 666.6  | 662.0  | 640.0  | 617.9  | 591.4  | 569.4  | 547.3  | 534.1  | 525.3  | 529.7  |
| 63°   | 635.6  | 631.2  | 622.3  | 604.7  | 582.6  | 556.1  | 529.7  | 512.0  | 498.8  | 485.5  | 490.0  |
| 64°   | 604.7  | 600.3  | 587.0  | 569.4  | 547.3  | 520.8  | 494.4  | 476.7  | 467.9  | 454.7  | 450.3  |
| 65°   | 565.0  | 560.6  | 556.1  | 534.1  | 512.0  | 485.5  | 463.5  | 445.8  | 432.6  | 423.8  | 415.0  |
| 66°   | 529.7  | 534.1  | 525.3  | 507.6  | 481.1  | 459.1  | 428.2  | 410.4  | 401.6  | 388.4  | 379.6  |
| 67°   | 498.8  | 498.8  | 490.0  | 472.3  | 445.8  | 423.8  | 401.6  | 379.6  | 366.3  | 353.1  | 348.7  |
| 67.5° | 481.1  | 481.1  | 472.3  | 450.3  | 432.6  | 406.0  | 384.0  | 366.3  | 348.7  | 339.8  | 331.0  |
| 68°   | 463.5  | 463.5  | 459.1  | 441.4  | 419.4  | 392.8  | 370.7  | 348.7  | 331.0  | 317.8  | 313.4  |
| 69°   | 432.6  | 437.0  | 428.2  | 410.4  | 388.4  | 361.9  | 339.8  | 322.2  | 304.5  | 291.3  | 282.5  |
| 70°   | 406.0  | 401.6  | 392.8  | 375.1  | 353.1  | 335.4  | 313.4  | 291.3  | 273.7  | 256.0  | 251.6  |
| 71°   | 370.7  | 370.7  | 361.9  | 348.7  | 326.6  | 304.5  | 282.5  | 264.8  | 247.2  | 225.1  | 220.7  |
| 72°   | 344.3  | 344.3  | 335.4  | 317.8  | 300.1  | 278.1  | 256.0  | 233.9  | 220.7  | 198.7  | 189.8  |
| 72.5° | 326.6  | 331.0  | 322.2  | 304.5  | 286.9  | 260.4  | 242.8  | 225.1  | 203.1  | 185.4  | 176.6  |
| 73°   | 317.8  | 313.4  | 309.0  | 291.3  | 269.2  | 251.6  | 229.5  | 211.9  | 189.8  | 172.2  | 163.4  |



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**CANDELA DISTRIBUTION (continued):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°  | 85°  | 90°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 77.5° | 198.7 | 198.7 | 194.2 | 176.6 | 158.9 | 141.3 | 123.5 | 105.9 | 88.2 | 70.6 | 61.8 |
| 80°   | 136.9 | 141.3 | 132.5 | 123.5 | 110.3 | 92.7  | 75.0  | 61.8  | 44.1 | 35.3 | 26.5 |
| 82.5° | 88.2  | 88.2  | 83.8  | 75.0  | 66.2  | 52.9  | 44.1  | 30.9  | 22.1 | 17.6 | 13.2 |
| 85°   | 44.1  | 48.5  | 44.1  | 39.7  | 30.9  | 26.5  | 22.1  | 13.2  | 8.8  | 4.4  | 4.4  |
| 87.5° | 17.6  | 17.6  | 17.6  | 13.2  | 13.2  | 8.8   | 4.4   | 4.4   | 4.4  | 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°    | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 | 3257.4 |
| 2.5°  | 3244.2 | 3244.2 | 3235.4 | 3231.0 | 3226.6 | 3222.2 | 3217.7 | 3213.3 | 3213.3 | 3217.7 |
| 5°    | 3217.7 | 3208.9 | 3191.3 | 3186.9 | 3173.6 | 3169.2 | 3160.4 | 3156.0 | 3160.4 | 3156.0 |
| 7.5°  | 3178.0 | 3160.4 | 3138.2 | 3129.4 | 3111.7 | 3102.9 | 3089.7 | 3089.7 | 3080.9 | 3085.3 |
| 10°   | 3125.0 | 3098.5 | 3072.0 | 3054.4 | 3041.1 | 3027.9 | 3019.1 | 3010.3 | 3005.8 | 3005.8 |
| 12.5° | 3058.8 | 3027.9 | 3001.4 | 2975.0 | 2952.9 | 2944.1 | 2926.4 | 2926.4 | 2917.6 | 2913.2 |
| 15°   | 2983.8 | 2944.1 | 2913.2 | 2886.7 | 2869.1 | 2851.3 | 2838.1 | 2829.3 | 2820.4 | 2820.4 |
| 17.5° | 2886.7 | 2851.3 | 2820.4 | 2789.5 | 2763.1 | 2749.8 | 2736.6 | 2723.4 | 2723.4 | 2714.5 |
| 20°   | 2780.7 | 2741.0 | 2714.5 | 2683.7 | 2661.6 | 2639.5 | 2621.9 | 2621.9 | 2613.1 | 2617.5 |
| 22.5° | 2661.6 | 2613.1 | 2586.6 | 2564.4 | 2542.4 | 2524.7 | 2507.1 | 2507.1 | 2502.7 | 2498.2 |
| 25°   | 2529.1 | 2489.4 | 2458.5 | 2432.1 | 2418.8 | 2401.2 | 2396.8 | 2387.9 | 2383.5 | 2383.5 |
| 27.5° | 2387.9 | 2357.0 | 2317.2 | 2304.0 | 2286.4 | 2277.5 | 2277.5 | 2273.1 | 2264.3 | 2268.7 |
| 30°   | 2237.8 | 2202.5 | 2180.5 | 2171.6 | 2154.0 | 2154.0 | 2149.6 | 2140.7 | 2140.7 | 2145.2 |
| 32.5° | 2092.2 | 2056.9 | 2039.3 | 2034.9 | 2017.1 | 2017.1 | 2012.7 | 2017.1 | 2017.1 | 2021.5 |
| 35°   | 1933.3 | 1902.4 | 1898.0 | 1884.7 | 1880.3 | 1880.3 | 1880.3 | 1889.1 | 1898.0 | 1884.7 |
| 37.5° | 1783.3 | 1761.1 | 1747.9 | 1743.4 | 1747.9 | 1747.9 | 1752.3 | 1765.5 | 1761.1 | 1756.7 |
| 40°   | 1628.7 | 1611.1 | 1602.3 | 1602.3 | 1611.1 | 1619.9 | 1619.9 | 1633.1 | 1637.5 | 1633.1 |
| 42.5° | 1474.2 | 1461.0 | 1461.0 | 1465.4 | 1474.2 | 1478.6 | 1491.8 | 1505.2 | 1509.6 | 1514.0 |
| 45°   | 1328.6 | 1328.6 | 1328.6 | 1333.0 | 1337.4 | 1346.2 | 1363.9 | 1377.1 | 1381.5 | 1385.9 |
| 47.5° | 1187.3 | 1182.9 | 1196.1 | 1200.5 | 1213.9 | 1218.2 | 1231.4 | 1249.2 | 1253.6 | 1258.0 |
| 50°   | 1054.9 | 1063.8 | 1068.2 | 1081.4 | 1090.2 | 1090.2 | 1107.9 | 1116.7 | 1129.9 | 1129.9 |
| 52.5° | 931.3  | 944.5  | 948.9  | 962.3  | 966.7  | 971.1  | 979.9  | 993.2  | 1002.0 | 1002.0 |
| 55°   | 821.0  | 825.4  | 834.2  | 838.6  | 851.9  | 856.3  | 865.1  | 869.5  | 882.8  | 878.3  |
| 56°   | 772.4  | 781.3  | 785.7  | 794.5  | 803.3  | 807.7  | 816.6  | 821.0  | 829.8  | 834.2  |
| 57°   | 728.3  | 732.7  | 746.0  | 750.4  | 759.2  | 759.2  | 763.6  | 776.9  | 776.9  | 781.3  |
| 58°   | 684.2  | 692.9  | 697.3  | 701.7  | 710.7  | 715.1  | 723.9  | 728.3  | 732.7  | 728.3  |
| 59°   | 644.4  | 648.8  | 653.2  | 653.2  | 662.0  | 662.0  | 675.4  | 684.2  | 688.5  | 688.5  |
| 60°   | 604.7  | 604.7  | 609.1  | 613.5  | 622.3  | 626.7  | 626.7  | 635.6  | 635.6  | 635.6  |
| 61°   | 565.0  | 565.0  | 569.4  | 573.8  | 578.2  | 578.2  | 587.0  | 587.0  | 591.4  | 595.9  |
| 62°   | 529.7  | 525.3  | 525.3  | 529.7  | 529.7  | 538.5  | 542.9  | 547.3  | 551.7  | 547.3  |
| 63°   | 490.0  | 485.5  | 485.5  | 485.5  | 485.5  | 494.4  | 494.4  | 498.8  | 507.6  | 503.2  |
| 64°   | 445.8  | 445.8  | 445.8  | 445.8  | 450.3  | 450.3  | 459.1  | 463.5  | 467.9  | 472.3  |
| 65°   | 415.0  | 406.0  | 401.6  | 401.6  | 406.0  | 410.4  | 415.0  | 419.4  | 423.8  | 423.8  |
| 66°   | 379.6  | 370.7  | 366.3  | 366.3  | 366.3  | 366.3  | 375.1  | 375.1  | 384.0  | 384.0  |
| 67°   | 339.8  | 331.0  | 326.6  | 322.2  | 322.2  | 322.2  | 335.4  | 331.0  | 331.0  | 331.0  |
| 67.5° | 326.6  | 313.4  | 309.0  | 304.5  | 300.1  | 309.0  | 304.5  | 309.0  | 309.0  | 304.5  |
| 68°   | 309.0  | 300.1  | 291.3  | 282.5  | 282.5  | 282.5  | 286.9  | 291.3  | 286.9  | 282.5  |
| 69°   | 273.7  | 269.2  | 256.0  | 247.2  | 242.8  | 247.2  | 242.8  | 247.2  | 242.8  | 247.2  |
| 70°   | 242.8  | 229.5  | 216.3  | 211.9  | 207.5  | 207.5  | 207.5  | 203.1  | 207.5  | 203.1  |
| 71°   | 211.9  | 198.7  | 185.4  | 176.6  | 172.2  | 172.2  | 167.8  | 172.2  | 167.8  | 172.2  |
| 72°   | 181.0  | 167.8  | 150.1  | 141.3  | 141.3  | 141.3  | 141.3  | 136.9  | 141.3  | 136.9  |
| 72.5° | 167.8  | 150.1  | 136.9  | 128.1  | 123.5  | 123.5  | 123.5  | 123.5  | 119.1  | 123.5  |
| 73°   | 154.5  | 136.9  | 119.1  | 114.7  | 114.7  | 114.7  | 110.3  | 105.9  | 110.3  | 110.3  |





TEST NUMBER: P585297  
CATALOG NUMBER: HCC8W80D010SL-HM86080935-81RWWH

**CANDELA DISTRIBUTION (continued):**

|       | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 52.9 | 39.7 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 30.9 | 30.9 |
| 80°   | 22.1 | 17.6 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 82.5° | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  | 8.8  |
| 85°   | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  | 4.4  |
| 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° | 286.9 | 286.9 | 278.1 | 264.8 | 242.8 | 220.7 | 203.1 | 185.4 | 163.4 | 141.3 | 132.5 |
| 75° | 264.8 | 260.4 | 251.6 | 238.4 | 220.7 | 198.7 | 181.0 | 158.9 | 141.3 | 119.1 | 110.3 |

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|     |       |       |      |      |      |      |      |      |      |      |
|-----|-------|-------|------|------|------|------|------|------|------|------|
| 74° | 128.1 | 105.9 | 97.1 | 88.2 | 88.2 | 88.2 | 83.8 | 83.8 | 83.8 | 88.2 |
| 75° | 101.5 | 83.8  | 75.0 | 66.2 | 70.6 | 66.2 | 70.6 | 66.2 | 66.2 | 66.2 |

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(END OF REPORT)