

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: P585246

Luminaire Tested: **HCC8W80D010SL-HM86080840-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585246
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-HM86080840-81RWWH
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

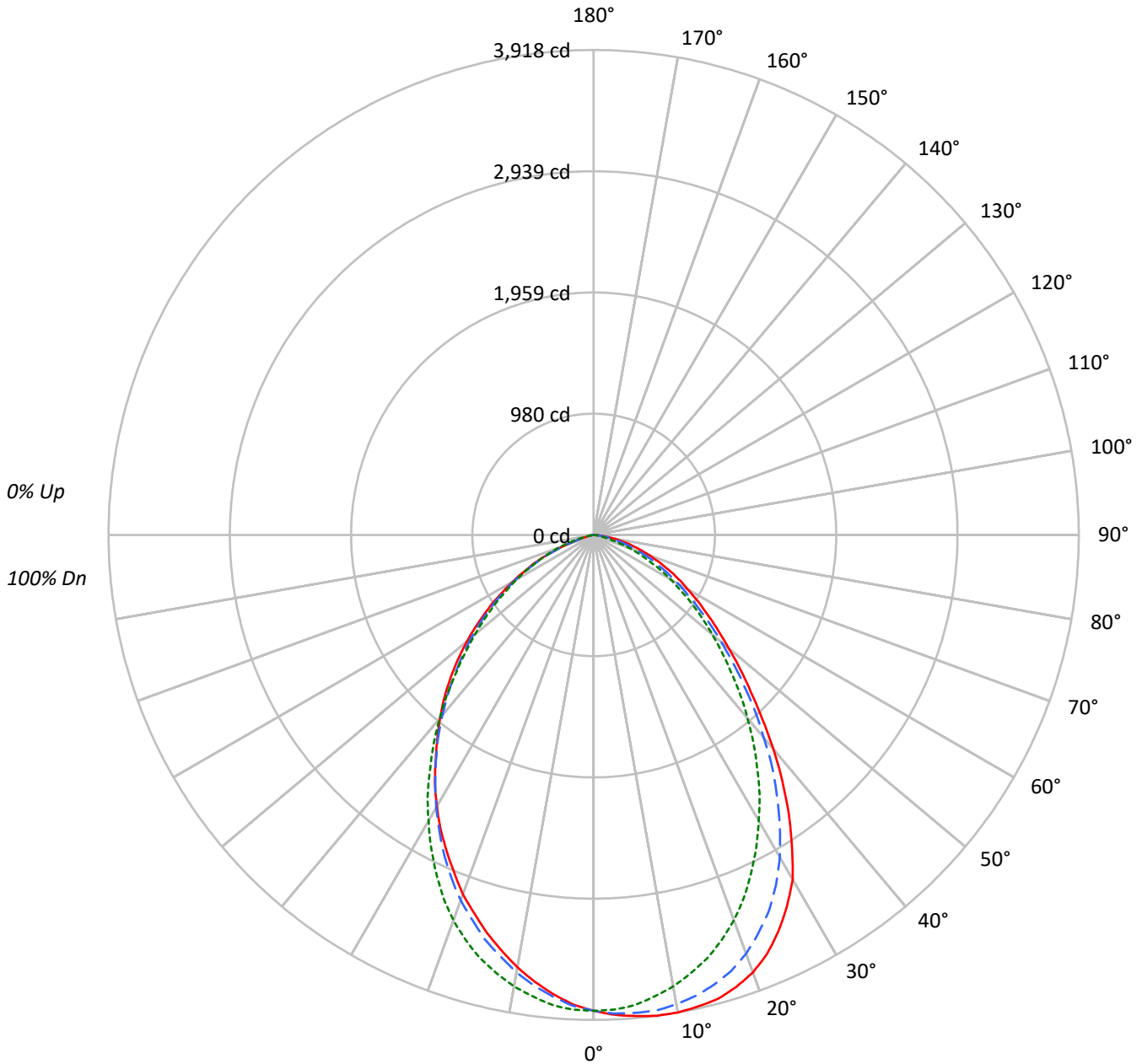
Lumens per Lamp: N/A
Luminaire Lumens: 7207.4 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

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: P585246
CATALOG NUMBER: HCC8W80D010SL-HM86080840-81RWWH

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 | | | | | 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 | 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° | 118553 | 118553 | 118553 |
| 5° | 120780 | 118040 | 115298 |
| 10° | 122665 | 115980 | 111083 |
| 15° | 123897 | 113088 | 106269 |
| 20° | 123428 | 108727 | 101376 |
| 25° | 120173 | 102447 | 95717 |
| 30° | 114447 | 94974 | 90153 |
| 35° | 103348 | 86680 | 83739 |
| 40° | 90801 | 77799 | 77589 |
| 45° | 78379 | 68383 | 71336 |
| 50° | 68227 | 59976 | 63977 |
| 55° | 60498 | 52089 | 55735 |
| 60° | 53976 | 44022 | 46261 |
| 65° | 48653 | 35731 | 36490 |
| 70° | 43213 | 26768 | 21602 |
| 75° | 37244 | 15512 | 9305 |
| 80° | 28679 | 5558 | 2770 |
| 85° | 18433 | 1840 | 1840 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 360.9 | 5.0 |
| 10°-20° | 1004.7 | 13.9 |
| 20°-30° | 1421.0 | 19.7 |
| 30°-40° | 1497.4 | 20.8 |
| 40°-50° | 1272.6 | 17.7 |
| 50°-60° | 916.4 | 12.7 |
| 60°-70° | 528.6 | 7.3 |
| 70°-80° | 180.9 | 2.5 |
| 80°-90° | 24.9 | 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° | 2786.6 | 38.7 |
| 0°-40° | 4284.0 | 59.4 |
| 0°-60° | 6473.0 | 89.8 |
| 0°-90° | 7207.4 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 7207.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3845 | 3845 | 3845 | 3845 | 3845 | |
| 5° | 3902 | 3876 | 3813 | 3746 | 3725 | 373 |
| 15° | 3881 | 3761 | 3542 | 3386 | 3329 | 1093 |
| 25° | 3532 | 3350 | 3011 | 2855 | 2813 | 1620 |
| 35° | 2745 | 2584 | 2303 | 2219 | 2224 | 1710 |
| 45° | 1797 | 1714 | 1568 | 1578 | 1636 | 1396 |
| 55° | 1125 | 1037 | 969 | 1005 | 1037 | 1013 |
| 65° | 667 | 573 | 490 | 479 | 500 | 663 |
| 75° | 313 | 234 | 130 | 83 | 78 | 330 |
| 85° | 52 | 31 | 5 | 5 | 5 | 70 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585246

CATALOG NUMBER: HCC8W80D010SL-HM86080840-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 |
| 2.5° | 3881.0 | 3886.2 | 3881.0 | 3881.0 | 3875.9 | 3870.7 | 3865.4 | 3860.2 | 3849.7 | 3839.4 | 3839.4 |
| 5° | 3901.9 | 3912.3 | 3901.9 | 3901.9 | 3886.2 | 3875.9 | 3865.4 | 3849.7 | 3828.9 | 3813.4 | 3813.4 |
| 7.5° | 3917.5 | 3917.5 | 3917.5 | 3901.9 | 3891.5 | 3875.9 | 3849.7 | 3823.7 | 3797.7 | 3771.6 | 3761.3 |
| 10° | 3917.5 | 3917.5 | 3912.3 | 3891.5 | 3881.0 | 3849.7 | 3823.7 | 3787.3 | 3750.8 | 3714.3 | 3704.0 |
| 12.5° | 3901.9 | 3907.1 | 3896.7 | 3875.9 | 3849.7 | 3813.4 | 3776.9 | 3730.0 | 3688.3 | 3646.7 | 3625.7 |
| 15° | 3881.0 | 3875.9 | 3865.4 | 3839.4 | 3808.1 | 3761.3 | 3724.8 | 3672.7 | 3615.4 | 3563.3 | 3542.4 |
| 17.5° | 3828.9 | 3828.9 | 3813.4 | 3787.3 | 3745.6 | 3693.5 | 3636.2 | 3578.9 | 3516.3 | 3459.0 | 3433.0 |
| 20° | 3761.3 | 3761.3 | 3740.4 | 3709.1 | 3667.5 | 3599.7 | 3537.3 | 3469.5 | 3396.6 | 3339.3 | 3313.3 |
| 22.5° | 3662.2 | 3667.5 | 3641.4 | 3604.9 | 3558.1 | 3480.0 | 3417.4 | 3334.1 | 3261.1 | 3193.4 | 3172.6 |
| 25° | 3532.0 | 3542.4 | 3516.3 | 3480.0 | 3417.4 | 3349.7 | 3271.5 | 3193.4 | 3110.1 | 3042.3 | 3011.0 |
| 27.5° | 3380.9 | 3386.2 | 3360.1 | 3323.6 | 3261.1 | 3188.2 | 3110.1 | 3026.7 | 2948.6 | 2875.6 | 2844.3 |
| 30° | 3214.2 | 3193.4 | 3183.0 | 3136.1 | 3068.3 | 3005.9 | 2917.3 | 2849.6 | 2766.2 | 2703.7 | 2667.3 |
| 32.5° | 2979.9 | 2990.2 | 2958.9 | 2922.6 | 2870.4 | 2797.5 | 2724.6 | 2646.4 | 2568.2 | 2521.4 | 2495.4 |
| 35° | 2745.4 | 2755.9 | 2740.2 | 2703.7 | 2646.4 | 2583.9 | 2510.9 | 2453.6 | 2386.0 | 2328.7 | 2302.6 |
| 37.5° | 2500.6 | 2500.6 | 2490.1 | 2469.3 | 2427.6 | 2370.3 | 2297.4 | 2240.1 | 2182.8 | 2135.9 | 2120.2 |
| 40° | 2255.7 | 2245.3 | 2240.1 | 2224.5 | 2188.0 | 2135.9 | 2089.0 | 2042.1 | 1984.8 | 1953.5 | 1932.7 |
| 42.5° | 2016.1 | 2016.1 | 2005.6 | 1990.0 | 1953.5 | 1927.5 | 1880.6 | 1828.6 | 1786.8 | 1755.6 | 1755.6 |
| 45° | 1797.3 | 1802.5 | 1786.8 | 1776.5 | 1755.6 | 1713.9 | 1672.2 | 1635.8 | 1599.3 | 1578.5 | 1568.1 |
| 47.5° | 1604.6 | 1604.6 | 1588.9 | 1578.5 | 1557.6 | 1521.2 | 1484.7 | 1453.4 | 1427.4 | 1411.8 | 1406.6 |
| 50° | 1422.2 | 1422.2 | 1422.2 | 1396.1 | 1370.1 | 1344.0 | 1318.0 | 1281.5 | 1265.9 | 1255.5 | 1250.2 |
| 52.5° | 1265.9 | 1260.7 | 1260.7 | 1239.9 | 1213.9 | 1182.6 | 1156.5 | 1125.3 | 1109.6 | 1099.2 | 1104.5 |
| 55° | 1125.3 | 1125.3 | 1120.0 | 1094.0 | 1068.0 | 1036.7 | 1010.6 | 984.6 | 974.1 | 963.8 | 968.9 |
| 56° | 1068.0 | 1068.0 | 1062.7 | 1041.9 | 1010.6 | 984.6 | 953.3 | 927.3 | 911.6 | 916.8 | 916.8 |
| 57° | 1026.2 | 1015.9 | 1015.9 | 989.8 | 963.8 | 927.3 | 901.3 | 875.2 | 864.8 | 859.5 | 859.5 |
| 58° | 974.1 | 968.9 | 963.8 | 937.8 | 911.6 | 880.5 | 854.3 | 828.3 | 812.7 | 812.7 | 807.4 |
| 59° | 922.1 | 922.1 | 911.6 | 890.8 | 864.8 | 833.5 | 807.4 | 781.4 | 765.8 | 760.6 | 760.6 |
| 60° | 875.2 | 880.5 | 864.8 | 844.0 | 823.1 | 786.6 | 755.4 | 734.6 | 718.9 | 713.8 | 713.8 |
| 61° | 833.5 | 833.5 | 823.1 | 797.1 | 770.9 | 744.9 | 713.8 | 687.6 | 677.3 | 666.8 | 666.8 |
| 62° | 797.1 | 786.6 | 781.4 | 755.4 | 729.3 | 698.1 | 672.0 | 646.0 | 630.3 | 619.9 | 625.2 |
| 63° | 750.1 | 744.9 | 734.6 | 713.8 | 687.6 | 656.4 | 625.2 | 604.2 | 588.7 | 573.1 | 578.2 |
| 64° | 713.8 | 708.5 | 692.8 | 672.0 | 646.0 | 614.7 | 583.4 | 562.6 | 552.2 | 536.6 | 531.4 |
| 65° | 666.8 | 661.6 | 656.4 | 630.3 | 604.2 | 573.1 | 546.9 | 526.1 | 510.6 | 500.1 | 489.7 |
| 66° | 625.2 | 630.3 | 619.9 | 599.1 | 567.9 | 541.8 | 505.3 | 484.5 | 474.1 | 458.5 | 448.0 |
| 67° | 588.7 | 588.7 | 578.2 | 557.4 | 526.1 | 500.1 | 474.1 | 448.0 | 432.4 | 416.7 | 411.5 |
| 67.5° | 567.9 | 567.9 | 557.4 | 531.4 | 510.6 | 479.3 | 453.2 | 432.4 | 411.5 | 401.2 | 390.7 |
| 68° | 546.9 | 546.9 | 541.8 | 520.9 | 494.9 | 463.6 | 437.6 | 411.5 | 390.7 | 375.1 | 369.9 |
| 69° | 510.6 | 515.8 | 505.3 | 484.5 | 458.5 | 427.2 | 401.2 | 380.2 | 359.4 | 343.9 | 333.4 |
| 70° | 479.3 | 474.1 | 463.6 | 442.8 | 416.7 | 395.9 | 369.9 | 343.9 | 322.9 | 302.1 | 296.9 |
| 71° | 437.6 | 437.6 | 427.2 | 411.5 | 385.5 | 359.4 | 333.4 | 312.6 | 291.8 | 265.7 | 260.5 |
| 72° | 406.3 | 406.3 | 395.9 | 375.1 | 354.2 | 328.2 | 302.1 | 276.1 | 260.5 | 234.5 | 224.0 |
| 72.5° | 385.5 | 390.7 | 380.2 | 359.4 | 338.6 | 307.4 | 286.5 | 265.7 | 239.6 | 218.8 | 208.4 |
| 73° | 375.1 | 369.9 | 364.7 | 343.9 | 317.8 | 296.9 | 270.9 | 250.0 | 224.0 | 203.2 | 192.7 |



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 CATALOG NUMBER: HCC8W80D010SL-HM86080840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 77.5° | 234.5 | 234.5 | 229.2 | 208.4 | 187.5 | 166.7 | 145.9 | 125.1 | 104.2 | 83.3 | 72.9 |
| 80° | 161.5 | 166.7 | 156.2 | 145.9 | 130.2 | 109.4 | 88.6 | 72.9 | 52.1 | 41.7 | 31.3 |
| 82.5° | 104.2 | 104.2 | 98.9 | 88.6 | 78.1 | 62.5 | 52.1 | 36.5 | 26.0 | 20.8 | 15.6 |
| 85° | 52.1 | 57.3 | 52.1 | 46.8 | 36.5 | 31.3 | 26.0 | 15.6 | 10.5 | 5.2 | 5.2 |
| 87.5° | 20.8 | 20.8 | 20.8 | 15.6 | 15.6 | 10.5 | 5.2 | 5.2 | 5.2 | 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° | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 | 3844.6 |
| 2.5° | 3828.9 | 3828.9 | 3818.6 | 3813.4 | 3808.1 | 3802.9 | 3797.7 | 3792.6 | 3792.6 | 3797.7 |
| 5° | 3797.7 | 3787.3 | 3766.4 | 3761.3 | 3745.6 | 3740.4 | 3730.0 | 3724.8 | 3730.0 | 3724.8 |
| 7.5° | 3750.8 | 3730.0 | 3704.0 | 3693.5 | 3672.7 | 3662.2 | 3646.7 | 3646.7 | 3636.2 | 3641.4 |
| 10° | 3688.3 | 3657.0 | 3625.7 | 3604.9 | 3589.4 | 3573.7 | 3563.3 | 3552.9 | 3547.6 | 3547.6 |
| 12.5° | 3610.2 | 3573.7 | 3542.4 | 3511.2 | 3485.1 | 3474.7 | 3453.9 | 3453.9 | 3443.5 | 3438.2 |
| 15° | 3521.6 | 3474.7 | 3438.2 | 3407.0 | 3386.2 | 3365.3 | 3349.7 | 3339.3 | 3328.8 | 3328.8 |
| 17.5° | 3407.0 | 3365.3 | 3328.8 | 3292.3 | 3261.1 | 3245.5 | 3229.9 | 3214.2 | 3214.2 | 3203.9 |
| 20° | 3282.0 | 3235.0 | 3203.9 | 3167.4 | 3141.3 | 3115.3 | 3094.4 | 3094.4 | 3084.0 | 3089.3 |
| 22.5° | 3141.3 | 3084.0 | 3052.8 | 3026.7 | 3000.7 | 2979.9 | 2958.9 | 2958.9 | 2953.7 | 2948.6 |
| 25° | 2985.0 | 2938.1 | 2901.6 | 2870.4 | 2854.8 | 2834.0 | 2828.7 | 2818.3 | 2813.2 | 2813.2 |
| 27.5° | 2818.3 | 2781.9 | 2734.9 | 2719.4 | 2698.6 | 2688.1 | 2688.1 | 2682.9 | 2672.5 | 2677.6 |
| 30° | 2641.2 | 2599.5 | 2573.5 | 2563.0 | 2542.2 | 2542.2 | 2537.0 | 2526.6 | 2526.6 | 2531.9 |
| 32.5° | 2469.3 | 2427.6 | 2406.8 | 2401.5 | 2380.7 | 2380.7 | 2375.5 | 2380.7 | 2380.7 | 2386.0 |
| 35° | 2281.7 | 2245.3 | 2240.1 | 2224.5 | 2219.3 | 2219.3 | 2219.3 | 2229.6 | 2240.1 | 2224.5 |
| 37.5° | 2104.6 | 2078.6 | 2062.9 | 2057.7 | 2062.9 | 2062.9 | 2068.1 | 2083.8 | 2078.6 | 2073.4 |
| 40° | 1922.3 | 1901.4 | 1891.0 | 1891.0 | 1901.4 | 1911.9 | 1911.9 | 1927.5 | 1932.7 | 1927.5 |
| 42.5° | 1740.0 | 1724.3 | 1724.3 | 1729.5 | 1740.0 | 1745.2 | 1760.8 | 1776.5 | 1781.6 | 1786.8 |
| 45° | 1568.1 | 1568.1 | 1568.1 | 1573.3 | 1578.5 | 1588.9 | 1609.7 | 1625.4 | 1630.6 | 1635.8 |
| 47.5° | 1401.4 | 1396.1 | 1411.8 | 1416.9 | 1432.6 | 1437.9 | 1453.4 | 1474.2 | 1479.5 | 1484.7 |
| 50° | 1245.1 | 1255.5 | 1260.7 | 1276.3 | 1286.7 | 1286.7 | 1307.5 | 1318.0 | 1333.6 | 1333.6 |
| 52.5° | 1099.2 | 1114.8 | 1120.0 | 1135.6 | 1140.8 | 1146.1 | 1156.5 | 1172.1 | 1182.6 | 1182.6 |
| 55° | 968.9 | 974.1 | 984.6 | 989.8 | 1005.4 | 1010.6 | 1021.1 | 1026.2 | 1041.9 | 1036.7 |
| 56° | 911.6 | 922.1 | 927.3 | 937.8 | 948.1 | 953.3 | 963.8 | 968.9 | 979.4 | 984.6 |
| 57° | 859.5 | 864.8 | 880.5 | 885.6 | 896.0 | 896.0 | 901.3 | 916.8 | 916.8 | 922.1 |
| 58° | 807.4 | 817.9 | 823.1 | 828.3 | 838.7 | 844.0 | 854.3 | 859.5 | 864.8 | 859.5 |
| 59° | 760.6 | 765.8 | 770.9 | 770.9 | 781.4 | 781.4 | 797.1 | 807.4 | 812.7 | 812.7 |
| 60° | 713.8 | 713.8 | 718.9 | 724.1 | 734.6 | 739.8 | 739.8 | 750.1 | 750.1 | 750.1 |
| 61° | 666.8 | 666.8 | 672.0 | 677.3 | 682.5 | 682.5 | 692.8 | 692.8 | 698.1 | 703.3 |
| 62° | 625.2 | 619.9 | 619.9 | 625.2 | 625.2 | 635.5 | 640.8 | 646.0 | 651.2 | 646.0 |
| 63° | 578.2 | 573.1 | 573.1 | 573.1 | 573.1 | 583.4 | 583.4 | 588.7 | 599.1 | 593.9 |
| 64° | 526.1 | 526.1 | 526.1 | 526.1 | 531.4 | 531.4 | 541.8 | 546.9 | 552.2 | 557.4 |
| 65° | 489.7 | 479.3 | 474.1 | 474.1 | 479.3 | 484.5 | 489.7 | 494.9 | 500.1 | 500.1 |
| 66° | 448.0 | 437.6 | 432.4 | 432.4 | 432.4 | 432.4 | 442.8 | 442.8 | 453.2 | 453.2 |
| 67° | 401.2 | 390.7 | 385.5 | 380.2 | 380.2 | 380.2 | 395.9 | 390.7 | 390.7 | 390.7 |
| 67.5° | 385.5 | 369.9 | 364.7 | 359.4 | 354.2 | 364.7 | 359.4 | 364.7 | 364.7 | 359.4 |
| 68° | 364.7 | 354.2 | 343.9 | 333.4 | 333.4 | 333.4 | 338.6 | 343.9 | 338.6 | 333.4 |
| 69° | 322.9 | 317.8 | 302.1 | 291.8 | 286.5 | 291.8 | 286.5 | 291.8 | 286.5 | 291.8 |
| 70° | 286.5 | 270.9 | 255.3 | 250.0 | 244.8 | 244.8 | 244.8 | 239.6 | 244.8 | 239.6 |
| 71° | 250.0 | 234.5 | 218.8 | 208.4 | 203.2 | 203.2 | 198.0 | 203.2 | 198.0 | 203.2 |
| 72° | 213.5 | 198.0 | 177.2 | 166.7 | 166.7 | 166.7 | 166.7 | 161.5 | 166.7 | 161.5 |
| 72.5° | 198.0 | 177.2 | 161.5 | 151.1 | 145.9 | 145.9 | 145.9 | 145.9 | 140.7 | 145.9 |
| 73° | 182.3 | 161.5 | 140.7 | 135.4 | 135.4 | 135.4 | 130.2 | 125.1 | 130.2 | 130.2 |



TEST NUMBER: P585246
CATALOG NUMBER: HCC8W80D010SL-HM86080840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 62.5 | 46.8 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 36.5 | 36.5 |
| 80° | 26.0 | 20.8 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 | 15.6 |
| 82.5° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
| 85° | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 |
| 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° | 338.6 | 338.6 | 328.2 | 312.6 | 286.5 | 260.5 | 239.6 | 218.8 | 192.7 | 166.7 | 156.2 |
| 75° | 312.6 | 307.4 | 296.9 | 281.3 | 260.5 | 234.5 | 213.5 | 187.5 | 166.7 | 140.7 | 130.2 |

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| | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| 74° | 151.1 | 125.1 | 114.6 | 104.2 | 104.2 | 104.2 | 98.9 | 98.9 | 98.9 | 104.2 |
| 75° | 119.9 | 98.9 | 88.6 | 78.1 | 83.3 | 78.1 | 83.3 | 78.1 | 78.1 | 78.1 |

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(END OF REPORT)