

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: P585110

Luminaire Tested: **HCC8W60D010BZ-HM86080840-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585110
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-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

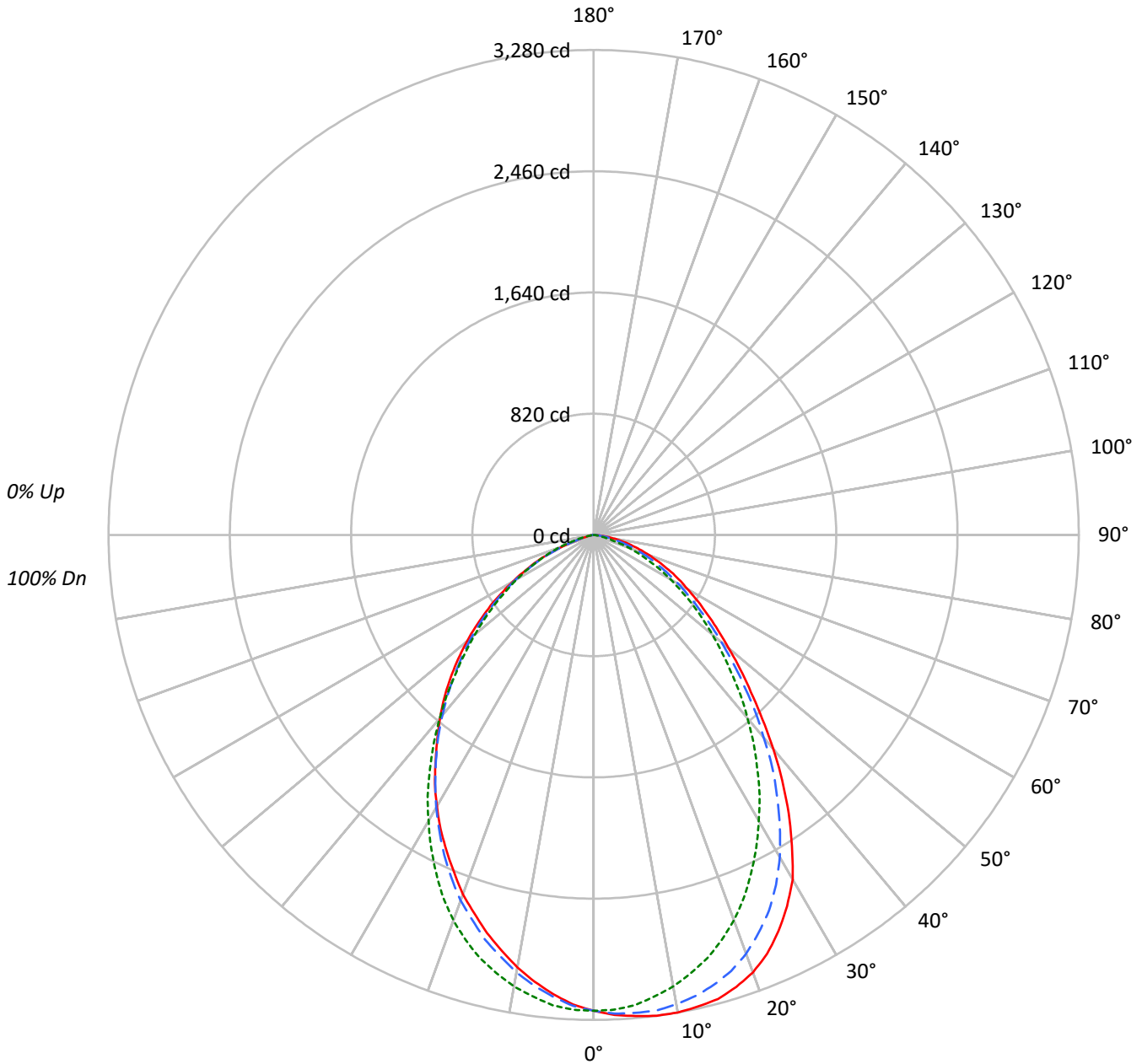
Lumens per Lamp: N/A
Luminaire Lumens: 6033.9 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 56
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: P585110
CATALOG NUMBER: HCC8W60D010BZ-HM86080840-81RWWH

Luminous Intensity Polar Plot





TEST NUMBER: P585110

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|-------|-------|
| 0° | 99250 | 99250 | 99250 |
| 5° | 101112 | 98821 | 96524 |
| 10° | 102694 | 97095 | 92997 |
| 15° | 103725 | 94674 | 88966 |
| 20° | 103329 | 91023 | 84870 |
| 25° | 100609 | 85768 | 80130 |
| 30° | 95814 | 79510 | 75472 |
| 35° | 86521 | 72567 | 70105 |
| 40° | 76020 | 65131 | 64958 |
| 45° | 65614 | 57246 | 59718 |
| 50° | 57121 | 50213 | 53562 |
| 55° | 50643 | 43611 | 46660 |
| 60° | 45181 | 36849 | 38730 |
| 65° | 40729 | 29908 | 30550 |
| 70° | 36181 | 22414 | 18086 |
| 75° | 31180 | 12987 | 7792 |
| 80° | 24009 | 4653 | 2309 |
| 85° | 15426 | 1557 | 1557 |



TEST NUMBER: P585110
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 302.1 | 5.0 |
| 10°-20° | 841.1 | 13.9 |
| 20°-30° | 1189.7 | 19.7 |
| 30°-40° | 1253.6 | 20.8 |
| 40°-50° | 1065.4 | 17.7 |
| 50°-60° | 767.2 | 12.7 |
| 60°-70° | 442.5 | 7.3 |
| 70°-80° | 151.4 | 2.5 |
| 80°-90° | 20.8 | 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° | 2332.9 | 38.7 |
| 0°-40° | 3586.5 | 59.4 |
| 0°-60° | 5419.1 | 89.8 |
| 0°-90° | 6033.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6033.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3219 | 3219 | 3219 | 3219 | 3219 | |
| 5° | 3266 | 3245 | 3192 | 3136 | 3118 | 312 |
| 15° | 3249 | 3149 | 2966 | 2835 | 2787 | 915 |
| 25° | 2957 | 2804 | 2521 | 2390 | 2355 | 1356 |
| 35° | 2298 | 2163 | 1928 | 1858 | 1862 | 1431 |
| 45° | 1505 | 1435 | 1313 | 1322 | 1369 | 1169 |
| 55° | 942 | 868 | 811 | 842 | 868 | 848 |
| 65° | 558 | 480 | 410 | 401 | 419 | 555 |
| 75° | 262 | 196 | 109 | 70 | 65 | 276 |
| 85° | 44 | 26 | 4 | 4 | 4 | 59 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585110

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 |
| 2.5° | 3249.1 | 3253.5 | 3249.1 | 3249.1 | 3244.7 | 3240.5 | 3236.1 | 3231.7 | 3222.9 | 3214.3 | 3214.3 |
| 5° | 3266.5 | 3275.3 | 3266.5 | 3266.5 | 3253.5 | 3244.7 | 3236.1 | 3222.9 | 3205.5 | 3192.5 | 3192.5 |
| 7.5° | 3279.7 | 3279.7 | 3279.7 | 3266.5 | 3257.9 | 3244.7 | 3222.9 | 3201.1 | 3179.3 | 3157.5 | 3148.8 |
| 10° | 3279.7 | 3279.7 | 3275.3 | 3257.9 | 3249.1 | 3222.9 | 3201.1 | 3170.7 | 3140.1 | 3109.6 | 3100.9 |
| 12.5° | 3266.5 | 3270.9 | 3262.3 | 3244.7 | 3222.9 | 3192.5 | 3161.9 | 3122.7 | 3087.8 | 3052.9 | 3035.4 |
| 15° | 3249.1 | 3244.7 | 3236.1 | 3214.3 | 3188.1 | 3148.8 | 3118.3 | 3074.7 | 3026.8 | 2983.2 | 2965.6 |
| 17.5° | 3205.5 | 3205.5 | 3192.5 | 3170.7 | 3135.7 | 3092.2 | 3044.2 | 2996.2 | 2943.8 | 2895.8 | 2874.0 |
| 20° | 3148.8 | 3148.8 | 3131.4 | 3105.2 | 3070.4 | 3013.6 | 2961.4 | 2904.6 | 2843.6 | 2795.6 | 2773.8 |
| 22.5° | 3066.0 | 3070.4 | 3048.6 | 3018.0 | 2978.8 | 2913.4 | 2861.0 | 2791.2 | 2730.1 | 2673.5 | 2656.0 |
| 25° | 2957.0 | 2965.6 | 2943.8 | 2913.4 | 2861.0 | 2804.3 | 2738.9 | 2673.5 | 2603.7 | 2546.9 | 2520.8 |
| 27.5° | 2830.4 | 2834.8 | 2813.0 | 2782.5 | 2730.1 | 2669.1 | 2603.7 | 2533.9 | 2468.5 | 2407.4 | 2381.2 |
| 30° | 2690.9 | 2673.5 | 2664.7 | 2625.5 | 2568.7 | 2516.5 | 2442.3 | 2385.6 | 2315.8 | 2263.5 | 2233.0 |
| 32.5° | 2494.7 | 2503.3 | 2477.2 | 2446.7 | 2403.1 | 2342.0 | 2281.0 | 2215.6 | 2150.1 | 2110.8 | 2089.0 |
| 35° | 2298.4 | 2307.1 | 2294.0 | 2263.5 | 2215.6 | 2163.2 | 2102.2 | 2054.2 | 1997.5 | 1949.5 | 1927.7 |
| 37.5° | 2093.4 | 2093.4 | 2084.7 | 2067.2 | 2032.4 | 1984.4 | 1923.3 | 1875.3 | 1827.3 | 1788.1 | 1775.1 |
| 40° | 1888.5 | 1879.7 | 1875.3 | 1862.3 | 1831.7 | 1788.1 | 1748.9 | 1709.6 | 1661.6 | 1635.5 | 1618.0 |
| 42.5° | 1687.8 | 1687.8 | 1679.1 | 1666.0 | 1635.5 | 1613.7 | 1574.4 | 1530.8 | 1496.0 | 1469.8 | 1469.8 |
| 45° | 1504.6 | 1509.0 | 1496.0 | 1487.2 | 1469.8 | 1434.8 | 1400.0 | 1369.4 | 1338.9 | 1321.5 | 1312.7 |
| 47.5° | 1343.2 | 1343.2 | 1330.2 | 1321.5 | 1304.0 | 1273.5 | 1242.9 | 1216.8 | 1195.0 | 1181.9 | 1177.5 |
| 50° | 1190.7 | 1190.7 | 1190.7 | 1168.9 | 1147.1 | 1125.3 | 1103.3 | 1072.9 | 1059.7 | 1051.1 | 1046.7 |
| 52.5° | 1059.7 | 1055.5 | 1055.5 | 1037.9 | 1016.1 | 990.0 | 968.2 | 942.0 | 928.9 | 920.2 | 924.6 |
| 55° | 942.0 | 942.0 | 937.7 | 915.9 | 894.1 | 867.9 | 846.1 | 824.3 | 815.6 | 806.8 | 811.2 |
| 56° | 894.1 | 894.1 | 889.7 | 872.2 | 846.1 | 824.3 | 798.2 | 776.4 | 763.2 | 767.6 | 767.6 |
| 57° | 859.2 | 850.4 | 850.4 | 828.6 | 806.8 | 776.4 | 754.6 | 732.6 | 724.0 | 719.6 | 719.6 |
| 58° | 815.6 | 811.2 | 806.8 | 785.0 | 763.2 | 737.0 | 715.2 | 693.4 | 680.4 | 680.4 | 676.0 |
| 59° | 772.0 | 772.0 | 763.2 | 745.8 | 724.0 | 697.8 | 676.0 | 654.2 | 641.1 | 636.8 | 636.8 |
| 60° | 732.6 | 737.0 | 724.0 | 706.6 | 689.0 | 658.6 | 632.4 | 615.0 | 601.8 | 597.5 | 597.5 |
| 61° | 697.8 | 697.8 | 689.0 | 667.2 | 645.4 | 623.6 | 597.5 | 575.7 | 567.0 | 558.2 | 558.2 |
| 62° | 667.2 | 658.6 | 654.2 | 632.4 | 610.6 | 584.4 | 562.6 | 540.8 | 527.7 | 519.0 | 523.3 |
| 63° | 628.0 | 623.6 | 615.0 | 597.5 | 575.7 | 549.5 | 523.3 | 505.9 | 492.8 | 479.7 | 484.1 |
| 64° | 597.5 | 593.1 | 580.0 | 562.6 | 540.8 | 514.6 | 488.5 | 471.0 | 462.3 | 449.2 | 444.9 |
| 65° | 558.2 | 553.9 | 549.5 | 527.7 | 505.9 | 479.7 | 457.9 | 440.5 | 427.5 | 418.7 | 409.9 |
| 66° | 523.3 | 527.7 | 519.0 | 501.5 | 475.4 | 453.5 | 423.1 | 405.7 | 396.9 | 383.7 | 375.1 |
| 67° | 492.8 | 492.8 | 484.1 | 466.7 | 440.5 | 418.7 | 396.9 | 375.1 | 361.9 | 348.9 | 344.5 |
| 67.5° | 475.4 | 475.4 | 466.7 | 444.9 | 427.5 | 401.3 | 379.5 | 361.9 | 344.5 | 335.9 | 327.1 |
| 68° | 457.9 | 457.9 | 453.5 | 436.1 | 414.3 | 388.1 | 366.3 | 344.5 | 327.1 | 314.0 | 309.7 |
| 69° | 427.5 | 431.7 | 423.1 | 405.7 | 383.7 | 357.7 | 335.9 | 318.3 | 300.9 | 287.9 | 279.1 |
| 70° | 401.3 | 396.9 | 388.1 | 370.7 | 348.9 | 331.5 | 309.7 | 287.9 | 270.4 | 252.9 | 248.6 |
| 71° | 366.3 | 366.3 | 357.7 | 344.5 | 322.7 | 300.9 | 279.1 | 261.7 | 244.2 | 222.4 | 218.1 |
| 72° | 340.1 | 340.1 | 331.5 | 314.0 | 296.5 | 274.7 | 252.9 | 231.1 | 218.1 | 196.3 | 187.5 |
| 72.5° | 322.7 | 327.1 | 318.3 | 300.9 | 283.5 | 257.3 | 239.9 | 222.4 | 200.6 | 183.2 | 174.4 |
| 73° | 314.0 | 309.7 | 305.3 | 287.9 | 266.1 | 248.6 | 226.8 | 209.3 | 187.5 | 170.1 | 161.4 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 77.5° | 196.3 | 196.3 | 191.9 | 174.4 | 157.0 | 139.6 | 122.1 | 104.6 | 87.2 | 69.8 | 61.0 |
| 80° | 135.2 | 139.6 | 130.8 | 122.1 | 109.0 | 91.6 | 74.2 | 61.0 | 43.6 | 34.8 | 26.2 |
| 82.5° | 87.2 | 87.2 | 82.8 | 74.2 | 65.4 | 52.4 | 43.6 | 30.6 | 21.8 | 17.4 | 13.0 |
| 85° | 43.6 | 48.0 | 43.6 | 39.2 | 30.6 | 26.2 | 21.8 | 13.0 | 8.8 | 4.4 | 4.4 |
| 87.5° | 17.4 | 17.4 | 17.4 | 13.0 | 13.0 | 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° | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 | 3218.6 |
| 2.5° | 3205.5 | 3205.5 | 3196.8 | 3192.5 | 3188.1 | 3183.7 | 3179.3 | 3175.0 | 3175.0 | 3179.3 |
| 5° | 3179.3 | 3170.7 | 3153.2 | 3148.8 | 3135.7 | 3131.4 | 3122.7 | 3118.3 | 3122.7 | 3118.3 |
| 7.5° | 3140.1 | 3122.7 | 3100.9 | 3092.2 | 3074.7 | 3066.0 | 3052.9 | 3052.9 | 3044.2 | 3048.6 |
| 10° | 3087.8 | 3061.6 | 3035.4 | 3018.0 | 3005.0 | 2991.8 | 2983.2 | 2974.4 | 2970.0 | 2970.0 |
| 12.5° | 3022.4 | 2991.8 | 2965.6 | 2939.4 | 2917.6 | 2909.0 | 2891.6 | 2891.6 | 2882.8 | 2878.4 |
| 15° | 2948.2 | 2909.0 | 2878.4 | 2852.2 | 2834.8 | 2817.4 | 2804.3 | 2795.6 | 2786.8 | 2786.8 |
| 17.5° | 2852.2 | 2817.4 | 2786.8 | 2756.3 | 2730.1 | 2717.1 | 2704.0 | 2690.9 | 2690.9 | 2682.2 |
| 20° | 2747.6 | 2708.3 | 2682.2 | 2651.7 | 2629.9 | 2608.1 | 2590.5 | 2590.5 | 2581.9 | 2586.3 |
| 22.5° | 2629.9 | 2581.9 | 2555.7 | 2533.9 | 2512.1 | 2494.7 | 2477.2 | 2477.2 | 2472.9 | 2468.5 |
| 25° | 2499.0 | 2459.7 | 2429.2 | 2403.1 | 2390.0 | 2372.5 | 2368.2 | 2359.4 | 2355.1 | 2355.1 |
| 27.5° | 2359.4 | 2328.9 | 2289.6 | 2276.6 | 2259.2 | 2250.4 | 2250.4 | 2246.0 | 2237.4 | 2241.6 |
| 30° | 2211.2 | 2176.2 | 2154.4 | 2145.8 | 2128.3 | 2128.3 | 2124.0 | 2115.2 | 2115.2 | 2119.6 |
| 32.5° | 2067.2 | 2032.4 | 2014.9 | 2010.5 | 1993.1 | 1993.1 | 1988.7 | 1993.1 | 1993.1 | 1997.5 |
| 35° | 1910.3 | 1879.7 | 1875.3 | 1862.3 | 1857.9 | 1857.9 | 1857.9 | 1866.7 | 1875.3 | 1862.3 |
| 37.5° | 1761.9 | 1740.1 | 1727.1 | 1722.7 | 1727.1 | 1727.1 | 1731.4 | 1744.5 | 1740.1 | 1735.8 |
| 40° | 1609.3 | 1591.8 | 1583.2 | 1583.2 | 1591.8 | 1600.6 | 1600.6 | 1613.7 | 1618.0 | 1613.7 |
| 42.5° | 1456.6 | 1443.6 | 1443.6 | 1448.0 | 1456.6 | 1461.0 | 1474.2 | 1487.2 | 1491.6 | 1496.0 |
| 45° | 1312.7 | 1312.7 | 1312.7 | 1317.1 | 1321.5 | 1330.2 | 1347.6 | 1360.7 | 1365.0 | 1369.4 |
| 47.5° | 1173.1 | 1168.9 | 1181.9 | 1186.3 | 1199.3 | 1203.7 | 1216.8 | 1234.3 | 1238.6 | 1242.9 |
| 50° | 1042.3 | 1051.1 | 1055.5 | 1068.5 | 1077.3 | 1077.3 | 1094.7 | 1103.3 | 1116.5 | 1116.5 |
| 52.5° | 920.2 | 933.3 | 937.7 | 950.7 | 955.1 | 959.5 | 968.2 | 981.3 | 990.0 | 990.0 |
| 55° | 811.2 | 815.6 | 824.3 | 828.6 | 841.8 | 846.1 | 854.8 | 859.2 | 872.2 | 867.9 |
| 56° | 763.2 | 772.0 | 776.4 | 785.0 | 793.8 | 798.2 | 806.8 | 811.2 | 820.0 | 824.3 |
| 57° | 719.6 | 724.0 | 737.0 | 741.4 | 750.2 | 750.2 | 754.6 | 767.6 | 767.6 | 772.0 |
| 58° | 676.0 | 684.8 | 689.0 | 693.4 | 702.2 | 706.6 | 715.2 | 719.6 | 724.0 | 719.6 |
| 59° | 636.8 | 641.1 | 645.4 | 645.4 | 654.2 | 654.2 | 667.2 | 676.0 | 680.4 | 680.4 |
| 60° | 597.5 | 597.5 | 601.8 | 606.2 | 615.0 | 619.3 | 619.3 | 628.0 | 628.0 | 628.0 |
| 61° | 558.2 | 558.2 | 562.6 | 567.0 | 571.3 | 571.3 | 580.0 | 580.0 | 584.4 | 588.8 |
| 62° | 523.3 | 519.0 | 519.0 | 523.3 | 523.3 | 532.1 | 536.4 | 540.8 | 545.2 | 540.8 |
| 63° | 484.1 | 479.7 | 479.7 | 479.7 | 479.7 | 488.5 | 488.5 | 492.8 | 501.5 | 497.2 |
| 64° | 440.5 | 440.5 | 440.5 | 440.5 | 444.9 | 444.9 | 453.5 | 457.9 | 462.3 | 466.7 |
| 65° | 409.9 | 401.3 | 396.9 | 396.9 | 401.3 | 405.7 | 409.9 | 414.3 | 418.7 | 418.7 |
| 66° | 375.1 | 366.3 | 361.9 | 361.9 | 361.9 | 361.9 | 370.7 | 370.7 | 379.5 | 379.5 |
| 67° | 335.9 | 327.1 | 322.7 | 318.3 | 318.3 | 318.3 | 331.5 | 327.1 | 327.1 | 327.1 |
| 67.5° | 322.7 | 309.7 | 305.3 | 300.9 | 296.5 | 305.3 | 300.9 | 305.3 | 305.3 | 300.9 |
| 68° | 305.3 | 296.5 | 287.9 | 279.1 | 279.1 | 279.1 | 283.5 | 287.9 | 283.5 | 279.1 |
| 69° | 270.4 | 266.1 | 252.9 | 244.2 | 239.9 | 244.2 | 239.9 | 244.2 | 239.9 | 244.2 |
| 70° | 239.9 | 226.8 | 213.7 | 209.3 | 205.0 | 205.0 | 205.0 | 200.6 | 205.0 | 200.6 |
| 71° | 209.3 | 196.3 | 183.2 | 174.4 | 170.1 | 170.1 | 165.7 | 170.1 | 165.7 | 170.1 |
| 72° | 178.8 | 165.7 | 148.3 | 139.6 | 139.6 | 139.6 | 139.6 | 135.2 | 139.6 | 135.2 |
| 72.5° | 165.7 | 148.3 | 135.2 | 126.5 | 122.1 | 122.1 | 122.1 | 122.1 | 117.8 | 122.1 |
| 73° | 152.6 | 135.2 | 117.8 | 113.4 | 113.4 | 113.4 | 109.0 | 104.6 | 109.0 | 109.0 |



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CATALOG NUMBER: HCC8W60D010BZ-HM86080840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 52.4 | 39.2 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 30.6 | 30.6 |
| 80° | 21.8 | 17.4 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| 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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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— 0°-180° - - 45°-225° - - - - 90°-270°

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|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 74° | 283.5 | 283.5 | 274.7 | 261.7 | 239.9 | 218.1 | 200.6 | 183.2 | 161.4 | 139.6 | 130.8 |
| 75° | 261.7 | 257.3 | 248.6 | 235.5 | 218.1 | 196.3 | 178.8 | 157.0 | 139.6 | 117.8 | 109.0 |

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|-----|-------|-------|------|------|------|------|------|------|------|------|
| 74° | 126.5 | 104.6 | 96.0 | 87.2 | 87.2 | 87.2 | 82.8 | 82.8 | 82.8 | 87.2 |
| 75° | 100.3 | 82.8 | 74.2 | 65.4 | 69.8 | 65.4 | 69.8 | 65.4 | 65.4 | 65.4 |

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