

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: P584073

Luminaire Tested: **HCC8S20D010MW-HM80520935-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584073
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: HCC8S20D010MW-HM80520935-81RWWH
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

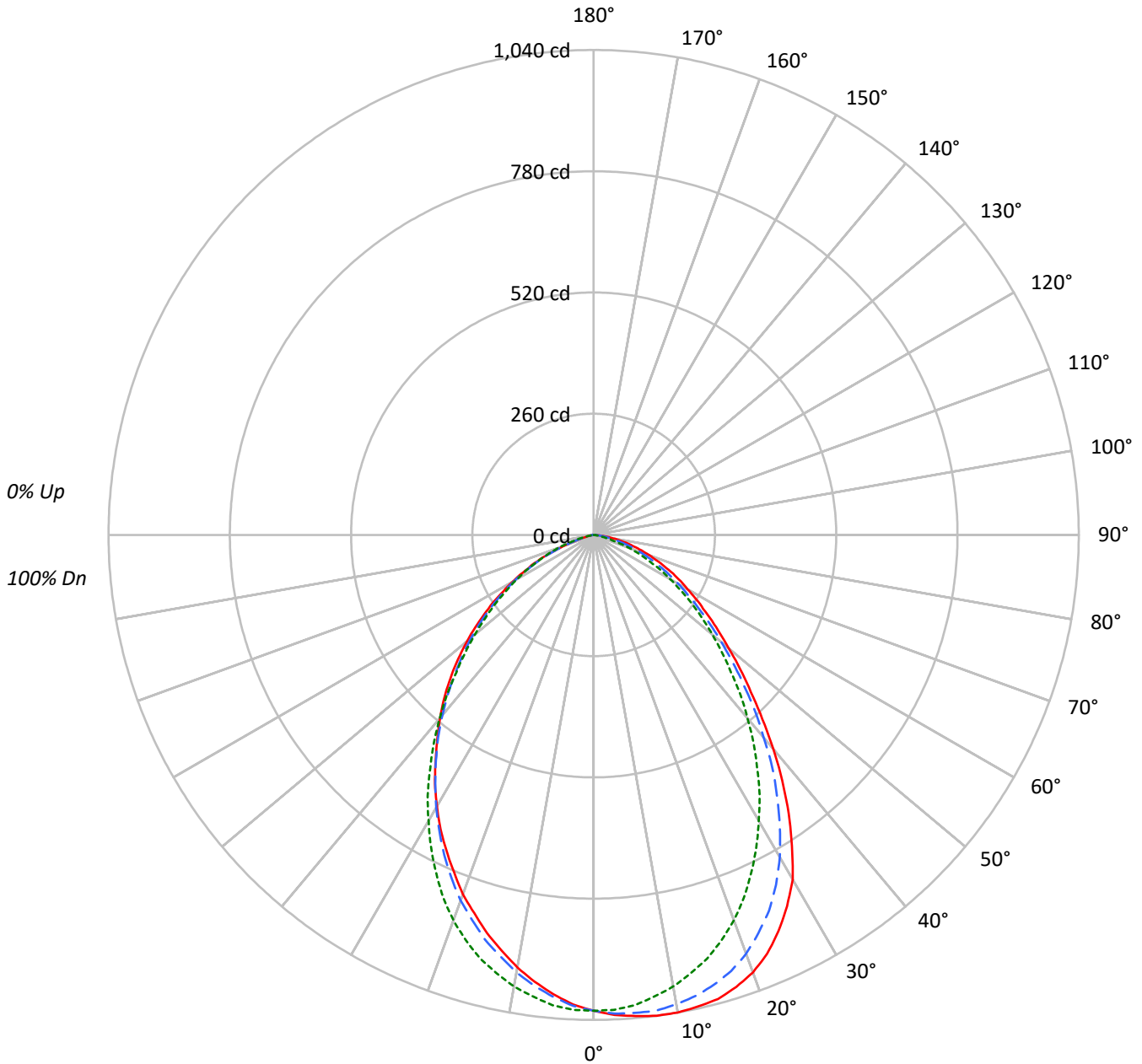
Lumens per Lamp: N/A
Luminaire Lumens: 1913.2 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 20
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: P584073
CATALOG NUMBER: HCC8S20D010MW-HM80520935-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P584073

CATALOG NUMBER: HCC8S20D010MW-HM80520935-81RWWH

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° | 31468 | 31468 | 31468 |
| 5° | 32062 | 31335 | 30604 |
| 10° | 32561 | 30789 | 29490 |
| 15° | 32888 | 30021 | 28211 |
| 20° | 32763 | 28861 | 26912 |
| 25° | 31901 | 27195 | 25409 |
| 30° | 30383 | 25210 | 23931 |
| 35° | 27435 | 23008 | 22229 |
| 40° | 24104 | 20654 | 20598 |
| 45° | 20806 | 18154 | 18939 |
| 50° | 18110 | 15922 | 16982 |
| 55° | 16059 | 13827 | 14795 |
| 60° | 14333 | 11687 | 12285 |
| 65° | 12922 | 9485 | 9682 |
| 70° | 11468 | 7105 | 5734 |
| 75° | 9889 | 4110 | 2466 |
| 80° | 7618 | 1474 | 728 |
| 85° | 4883 | 495 | 495 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 95.8 | 5.0 |
| 10°-20° | 266.7 | 13.9 |
| 20°-30° | 377.2 | 19.7 |
| 30°-40° | 397.5 | 20.8 |
| 40°-50° | 337.8 | 17.7 |
| 50°-60° | 243.3 | 12.7 |
| 60°-70° | 140.3 | 7.3 |
| 70°-80° | 48.0 | 2.5 |
| 80°-90° | 6.6 | 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° | 739.7 | 38.7 |
| 0°-40° | 1137.2 | 59.4 |
| 0°-60° | 1718.3 | 89.8 |
| 0°-90° | 1913.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1913.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1020 | 1020 | 1020 | 1020 | 1020 | |
| 5° | 1036 | 1029 | 1012 | 994 | 989 | 99 |
| 15° | 1030 | 998 | 940 | 899 | 884 | 290 |
| 25° | 938 | 889 | 799 | 758 | 747 | 430 |
| 35° | 729 | 686 | 611 | 589 | 590 | 454 |
| 45° | 477 | 455 | 416 | 419 | 434 | 371 |
| 55° | 299 | 275 | 257 | 267 | 275 | 269 |
| 65° | 177 | 152 | 130 | 127 | 133 | 176 |
| 75° | 83 | 62 | 34 | 22 | 21 | 88 |
| 85° | 14 | 8 | 1 | 1 | 1 | 19 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P584073

CATALOG NUMBER: HCC8S20D010MW-HM80520935-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 |
| 2.5° | 1030.2 | 1031.6 | 1030.2 | 1030.2 | 1028.9 | 1027.5 | 1026.1 | 1024.8 | 1022.0 | 1019.2 | 1019.2 |
| 5° | 1035.8 | 1038.5 | 1035.8 | 1035.8 | 1031.6 | 1028.9 | 1026.1 | 1022.0 | 1016.4 | 1012.3 | 1012.3 |
| 7.5° | 1039.9 | 1039.9 | 1039.9 | 1035.8 | 1033.1 | 1028.9 | 1022.0 | 1015.1 | 1008.1 | 1001.3 | 998.4 |
| 10° | 1039.9 | 1039.9 | 1038.5 | 1033.1 | 1030.2 | 1022.0 | 1015.1 | 1005.4 | 995.7 | 986.0 | 983.3 |
| 12.5° | 1035.8 | 1037.2 | 1034.4 | 1028.9 | 1022.0 | 1012.3 | 1002.6 | 990.2 | 979.1 | 968.1 | 962.5 |
| 15° | 1030.2 | 1028.9 | 1026.1 | 1019.2 | 1011.0 | 998.4 | 988.7 | 974.9 | 959.8 | 946.0 | 940.4 |
| 17.5° | 1016.4 | 1016.4 | 1012.3 | 1005.4 | 994.3 | 980.5 | 965.2 | 950.1 | 933.4 | 918.3 | 911.3 |
| 20° | 998.4 | 998.4 | 992.9 | 984.6 | 973.6 | 955.6 | 939.0 | 921.0 | 901.6 | 886.5 | 879.5 |
| 22.5° | 972.2 | 973.6 | 966.6 | 956.9 | 944.5 | 923.7 | 907.2 | 885.1 | 865.7 | 847.7 | 842.2 |
| 25° | 937.6 | 940.4 | 933.4 | 923.7 | 907.2 | 889.2 | 868.4 | 847.7 | 825.6 | 807.7 | 799.3 |
| 27.5° | 897.5 | 898.9 | 891.9 | 882.2 | 865.7 | 846.3 | 825.6 | 803.5 | 782.7 | 763.3 | 755.1 |
| 30° | 853.3 | 847.7 | 845.0 | 832.5 | 814.5 | 798.0 | 774.4 | 756.5 | 734.4 | 717.7 | 708.0 |
| 32.5° | 791.0 | 793.8 | 785.4 | 775.9 | 762.0 | 742.7 | 723.3 | 702.5 | 681.8 | 669.4 | 662.4 |
| 35° | 728.8 | 731.5 | 727.4 | 717.7 | 702.5 | 685.9 | 666.5 | 651.4 | 633.3 | 618.2 | 611.2 |
| 37.5° | 663.8 | 663.8 | 661.0 | 655.5 | 644.4 | 629.2 | 609.9 | 594.7 | 579.4 | 567.0 | 562.9 |
| 40° | 598.8 | 596.1 | 594.7 | 590.5 | 580.8 | 567.0 | 554.6 | 542.1 | 526.9 | 518.5 | 513.1 |
| 42.5° | 535.2 | 535.2 | 532.4 | 528.2 | 518.5 | 511.7 | 499.3 | 485.4 | 474.3 | 466.1 | 466.1 |
| 45° | 477.1 | 478.5 | 474.3 | 471.6 | 466.1 | 455.0 | 444.0 | 434.3 | 424.6 | 419.0 | 416.3 |
| 47.5° | 426.0 | 426.0 | 421.7 | 419.0 | 413.5 | 403.8 | 394.1 | 385.8 | 378.9 | 374.8 | 373.4 |
| 50° | 377.5 | 377.5 | 377.5 | 370.7 | 363.7 | 356.8 | 349.9 | 340.2 | 336.0 | 333.3 | 331.9 |
| 52.5° | 336.0 | 334.6 | 334.6 | 329.2 | 322.2 | 313.9 | 307.0 | 298.7 | 294.6 | 291.8 | 293.1 |
| 55° | 298.7 | 298.7 | 297.3 | 290.4 | 283.4 | 275.2 | 268.3 | 261.3 | 258.6 | 255.8 | 257.2 |
| 56° | 283.4 | 283.4 | 282.1 | 276.6 | 268.3 | 261.3 | 253.1 | 246.2 | 242.0 | 243.4 | 243.4 |
| 57° | 272.5 | 269.6 | 269.6 | 262.8 | 255.8 | 246.2 | 239.2 | 232.4 | 229.5 | 228.1 | 228.1 |
| 58° | 258.6 | 257.2 | 255.8 | 248.9 | 242.0 | 233.7 | 226.8 | 219.9 | 215.7 | 215.7 | 214.3 |
| 59° | 244.8 | 244.8 | 242.0 | 236.5 | 229.5 | 221.3 | 214.3 | 207.4 | 203.3 | 201.9 | 201.9 |
| 60° | 232.4 | 233.7 | 229.5 | 224.0 | 218.6 | 208.9 | 200.5 | 195.0 | 190.9 | 189.5 | 189.5 |
| 61° | 221.3 | 221.3 | 218.6 | 211.6 | 204.7 | 197.7 | 189.5 | 182.5 | 179.8 | 177.1 | 177.1 |
| 62° | 211.6 | 208.9 | 207.4 | 200.5 | 193.6 | 185.3 | 178.4 | 171.5 | 167.4 | 164.5 | 166.0 |
| 63° | 199.2 | 197.7 | 195.0 | 189.5 | 182.5 | 174.2 | 166.0 | 160.4 | 156.3 | 152.1 | 153.5 |
| 64° | 189.5 | 188.1 | 183.9 | 178.4 | 171.5 | 163.2 | 154.8 | 149.4 | 146.6 | 142.4 | 141.0 |
| 65° | 177.1 | 175.6 | 174.2 | 167.4 | 160.4 | 152.1 | 145.1 | 139.7 | 135.6 | 132.7 | 130.0 |
| 66° | 166.0 | 167.4 | 164.5 | 159.0 | 150.7 | 143.8 | 134.2 | 128.6 | 125.9 | 121.7 | 118.9 |
| 67° | 156.3 | 156.3 | 153.5 | 148.0 | 139.7 | 132.7 | 125.9 | 118.9 | 114.8 | 110.6 | 109.2 |
| 67.5° | 150.7 | 150.7 | 148.0 | 141.0 | 135.6 | 127.2 | 120.3 | 114.8 | 109.2 | 106.5 | 103.7 |
| 68° | 145.1 | 145.1 | 143.8 | 138.3 | 131.3 | 123.0 | 116.2 | 109.2 | 103.7 | 99.5 | 98.2 |
| 69° | 135.6 | 136.9 | 134.2 | 128.6 | 121.7 | 113.4 | 106.5 | 100.9 | 95.4 | 91.3 | 88.5 |
| 70° | 127.2 | 125.9 | 123.0 | 117.5 | 110.6 | 105.1 | 98.2 | 91.3 | 85.7 | 80.3 | 78.8 |
| 71° | 116.2 | 116.2 | 113.4 | 109.2 | 102.4 | 95.4 | 88.5 | 83.0 | 77.4 | 70.6 | 69.1 |
| 72° | 107.9 | 107.9 | 105.1 | 99.5 | 94.1 | 87.1 | 80.3 | 73.3 | 69.1 | 62.2 | 59.5 |
| 72.5° | 102.4 | 103.7 | 100.9 | 95.4 | 89.8 | 81.6 | 76.0 | 70.6 | 63.6 | 58.0 | 55.3 |
| 73° | 99.5 | 98.2 | 96.8 | 91.3 | 84.4 | 78.8 | 71.9 | 66.4 | 59.5 | 53.9 | 51.2 |



TEST NUMBER: P584073
CATALOG NUMBER: HCC8S20D010MW-HM80520935-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 62.2 | 62.2 | 60.9 | 55.3 | 49.8 | 44.2 | 38.8 | 33.2 | 27.7 | 22.1 | 19.4 |
| 80° | 42.9 | 44.2 | 41.5 | 38.8 | 34.5 | 29.1 | 23.5 | 19.4 | 13.8 | 11.1 | 8.3 |
| 82.5° | 27.7 | 27.7 | 26.2 | 23.5 | 20.7 | 16.5 | 13.8 | 9.7 | 6.9 | 5.6 | 4.1 |
| 85° | 13.8 | 15.2 | 13.8 | 12.4 | 9.7 | 8.3 | 6.9 | 4.1 | 2.7 | 1.4 | 1.4 |
| 87.5° | 5.6 | 5.6 | 5.6 | 4.1 | 4.1 | 2.7 | 1.4 | 1.4 | 1.4 | 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° | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 | 1020.5 |
| 2.5° | 1016.4 | 1016.4 | 1013.7 | 1012.3 | 1011.0 | 1009.5 | 1008.1 | 1006.7 | 1006.7 | 1008.1 |
| 5° | 1008.1 | 1005.4 | 999.9 | 998.4 | 994.3 | 992.9 | 990.2 | 988.7 | 990.2 | 988.7 |
| 7.5° | 995.7 | 990.2 | 983.3 | 980.5 | 974.9 | 972.2 | 968.1 | 968.1 | 965.2 | 966.6 |
| 10° | 979.1 | 970.8 | 962.5 | 956.9 | 952.8 | 948.7 | 946.0 | 943.1 | 941.8 | 941.8 |
| 12.5° | 958.4 | 948.7 | 940.4 | 932.1 | 925.2 | 922.4 | 916.9 | 916.9 | 914.2 | 912.7 |
| 15° | 934.8 | 922.4 | 912.7 | 904.5 | 898.9 | 893.4 | 889.2 | 886.5 | 883.7 | 883.7 |
| 17.5° | 904.5 | 893.4 | 883.7 | 874.0 | 865.7 | 861.6 | 857.4 | 853.3 | 853.3 | 850.4 |
| 20° | 871.3 | 858.8 | 850.4 | 840.8 | 833.9 | 826.9 | 821.5 | 821.5 | 818.7 | 820.1 |
| 22.5° | 833.9 | 818.7 | 810.4 | 803.5 | 796.5 | 791.0 | 785.4 | 785.4 | 784.1 | 782.7 |
| 25° | 792.4 | 780.0 | 770.3 | 762.0 | 757.8 | 752.3 | 750.9 | 748.2 | 746.8 | 746.8 |
| 27.5° | 748.2 | 738.5 | 726.0 | 721.8 | 716.3 | 713.6 | 713.6 | 712.2 | 709.4 | 710.9 |
| 30° | 701.2 | 690.1 | 683.2 | 680.4 | 674.8 | 674.8 | 673.5 | 670.7 | 670.7 | 672.1 |
| 32.5° | 655.5 | 644.4 | 638.9 | 637.6 | 632.0 | 632.0 | 630.6 | 632.0 | 632.0 | 633.3 |
| 35° | 605.7 | 596.1 | 594.7 | 590.5 | 589.1 | 589.1 | 589.1 | 591.8 | 594.7 | 590.5 |
| 37.5° | 558.7 | 551.8 | 547.6 | 546.2 | 547.6 | 547.6 | 549.0 | 553.2 | 551.8 | 550.3 |
| 40° | 510.3 | 504.7 | 502.0 | 502.0 | 504.7 | 507.6 | 507.6 | 511.7 | 513.1 | 511.7 |
| 42.5° | 461.9 | 457.8 | 457.8 | 459.1 | 461.9 | 463.2 | 467.5 | 471.6 | 472.9 | 474.3 |
| 45° | 416.3 | 416.3 | 416.3 | 417.6 | 419.0 | 421.7 | 427.3 | 431.4 | 432.8 | 434.3 |
| 47.5° | 372.0 | 370.7 | 374.8 | 376.1 | 380.2 | 381.7 | 385.8 | 391.4 | 392.8 | 394.1 |
| 50° | 330.5 | 333.3 | 334.6 | 338.8 | 341.6 | 341.6 | 347.2 | 349.9 | 354.0 | 354.0 |
| 52.5° | 291.8 | 296.0 | 297.3 | 301.5 | 302.8 | 304.2 | 307.0 | 311.1 | 313.9 | 313.9 |
| 55° | 257.2 | 258.6 | 261.3 | 262.8 | 266.9 | 268.3 | 271.0 | 272.5 | 276.6 | 275.2 |
| 56° | 242.0 | 244.8 | 246.2 | 248.9 | 251.6 | 253.1 | 255.8 | 257.2 | 260.0 | 261.3 |
| 57° | 228.1 | 229.5 | 233.7 | 235.1 | 237.8 | 237.8 | 239.2 | 243.4 | 243.4 | 244.8 |
| 58° | 214.3 | 217.1 | 218.6 | 219.9 | 222.7 | 224.0 | 226.8 | 228.1 | 229.5 | 228.1 |
| 59° | 201.9 | 203.3 | 204.7 | 204.7 | 207.4 | 207.4 | 211.6 | 214.3 | 215.7 | 215.7 |
| 60° | 189.5 | 189.5 | 190.9 | 192.2 | 195.0 | 196.3 | 196.3 | 199.2 | 199.2 | 199.2 |
| 61° | 177.1 | 177.1 | 178.4 | 179.8 | 181.2 | 181.2 | 183.9 | 183.9 | 185.3 | 186.6 |
| 62° | 166.0 | 164.5 | 164.5 | 166.0 | 166.0 | 168.7 | 170.1 | 171.5 | 172.8 | 171.5 |
| 63° | 153.5 | 152.1 | 152.1 | 152.1 | 152.1 | 154.8 | 154.8 | 156.3 | 159.0 | 157.7 |
| 64° | 139.7 | 139.7 | 139.7 | 139.7 | 141.0 | 141.0 | 143.8 | 145.1 | 146.6 | 148.0 |
| 65° | 130.0 | 127.2 | 125.9 | 125.9 | 127.2 | 128.6 | 130.0 | 131.3 | 132.7 | 132.7 |
| 66° | 118.9 | 116.2 | 114.8 | 114.8 | 114.8 | 114.8 | 117.5 | 117.5 | 120.3 | 120.3 |
| 67° | 106.5 | 103.7 | 102.4 | 100.9 | 100.9 | 100.9 | 105.1 | 103.7 | 103.7 | 103.7 |
| 67.5° | 102.4 | 98.2 | 96.8 | 95.4 | 94.1 | 96.8 | 95.4 | 96.8 | 96.8 | 95.4 |
| 68° | 96.8 | 94.1 | 91.3 | 88.5 | 88.5 | 88.5 | 89.8 | 91.3 | 89.8 | 88.5 |
| 69° | 85.7 | 84.4 | 80.3 | 77.4 | 76.0 | 77.4 | 76.0 | 77.4 | 76.0 | 77.4 |
| 70° | 76.0 | 71.9 | 67.7 | 66.4 | 65.0 | 65.0 | 65.0 | 63.6 | 65.0 | 63.6 |
| 71° | 66.4 | 62.2 | 58.0 | 55.3 | 53.9 | 53.9 | 52.6 | 53.9 | 52.6 | 53.9 |
| 72° | 56.7 | 52.6 | 47.0 | 44.2 | 44.2 | 44.2 | 44.2 | 42.9 | 44.2 | 42.9 |
| 72.5° | 52.6 | 47.0 | 42.9 | 40.1 | 38.8 | 38.8 | 38.8 | 38.8 | 37.4 | 38.8 |
| 73° | 48.3 | 42.9 | 37.4 | 35.9 | 35.9 | 35.9 | 34.5 | 33.2 | 34.5 | 34.5 |



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CATALOG NUMBER: HCC8S20D010MW-HM80520935-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 16.5 | 12.4 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 9.7 | 9.7 |
| 80° | 6.9 | 5.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 82.5° | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 85° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 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



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified
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° | 89.8 | 89.8 | 87.1 | 83.0 | 76.0 | 69.1 | 63.6 | 58.0 | 51.2 | 44.2 | 41.5 |
| 75° | 83.0 | 81.6 | 78.8 | 74.7 | 69.1 | 62.2 | 56.7 | 49.8 | 44.2 | 37.4 | 34.5 |

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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 40.1 | 33.2 | 30.4 | 27.7 | 27.7 | 27.7 | 26.2 | 26.2 | 26.2 | 27.7 |
| 75° | 31.8 | 26.2 | 23.5 | 20.7 | 22.1 | 20.7 | 22.1 | 20.7 | 20.7 | 20.7 |

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(END OF REPORT)