

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: P583975

Luminaire Tested: **HCC8W20D010MW-HM80520827-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P583975
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: HCC8W20D010MW-HM80520827-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

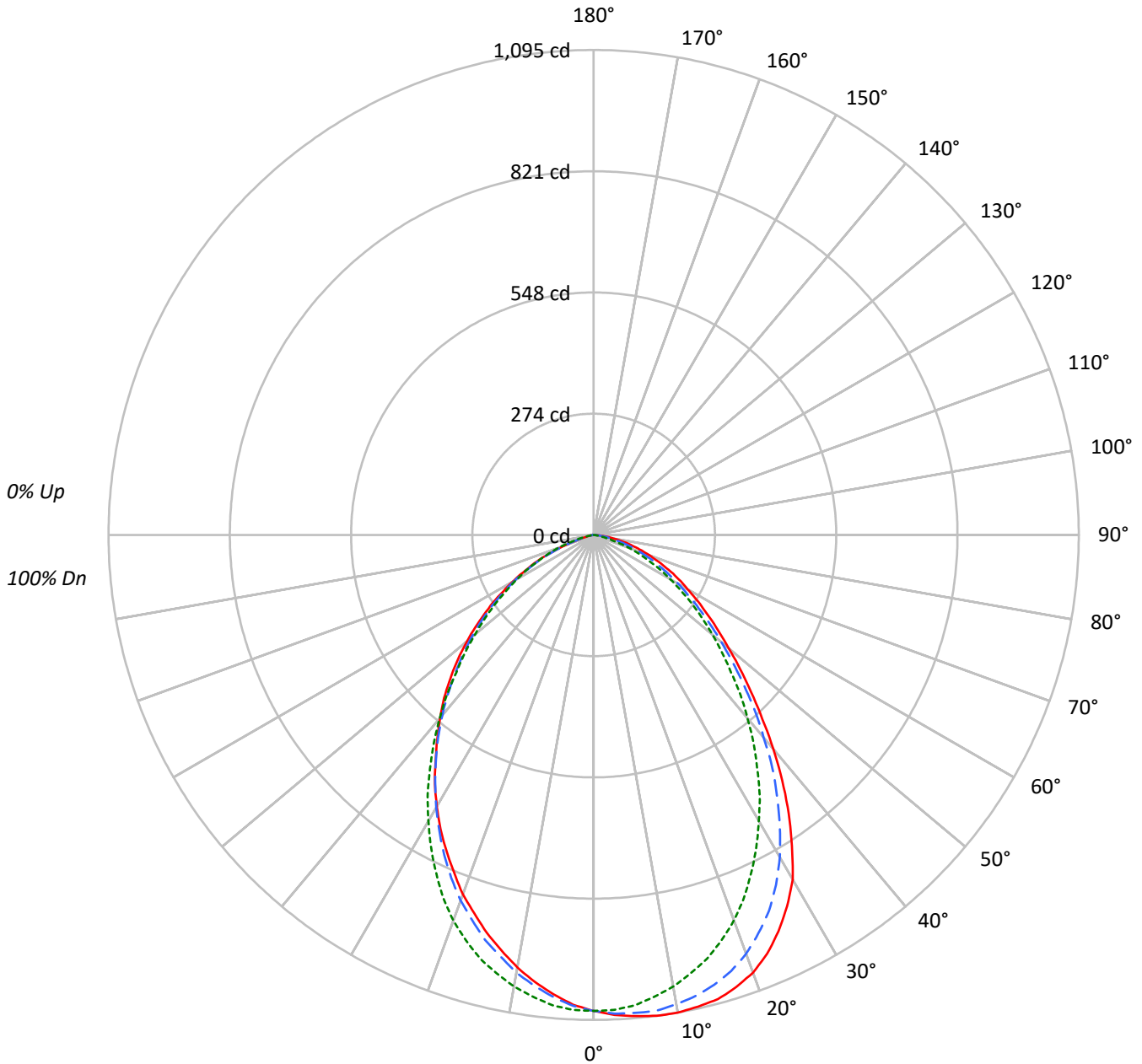
Lumens per Lamp: N/A
Luminaire Lumens: 2014.8 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

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: P583975
CATALOG NUMBER: HCC8W20D010MW-HM80520827-81RWWH

Luminous Intensity Polar Plot





TEST NUMBER: P583975

CATALOG NUMBER: HCC8W20D010MW-HM80520827-81RWWH

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° | 33143 | 33143 | 33143 |
| 5° | 33762 | 32997 | 32229 |
| 10° | 34290 | 32420 | 31052 |
| 15° | 34638 | 31614 | 29709 |
| 20° | 34505 | 30394 | 28339 |
| 25° | 33592 | 28638 | 26757 |
| 30° | 31996 | 26548 | 25202 |
| 35° | 28892 | 24232 | 23411 |
| 40° | 25384 | 21749 | 21693 |
| 45° | 21914 | 19118 | 19942 |
| 50° | 19074 | 16766 | 17884 |
| 55° | 16908 | 14564 | 15580 |
| 60° | 15091 | 12304 | 12933 |
| 65° | 13601 | 9989 | 10200 |
| 70° | 12081 | 7483 | 6041 |
| 75° | 10401 | 4337 | 2609 |
| 80° | 8027 | 1545 | 781 |
| 85° | 5130 | 495 | 495 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 100.9 | 5.0 |
| 10°-20° | 280.9 | 13.9 |
| 20°-30° | 397.3 | 19.7 |
| 30°-40° | 418.6 | 20.8 |
| 40°-50° | 355.8 | 17.7 |
| 50°-60° | 256.2 | 12.7 |
| 60°-70° | 147.8 | 7.3 |
| 70°-80° | 50.6 | 2.5 |
| 80°-90° | 7.0 | 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° | 779.0 | 38.7 |
| 0°-40° | 1197.6 | 59.4 |
| 0°-60° | 1809.5 | 89.8 |
| 0°-90° | 2014.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2014.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1075 | 1075 | 1075 | 1075 | 1075 | |
| 5° | 1091 | 1084 | 1066 | 1047 | 1041 | 104 |
| 15° | 1085 | 1052 | 990 | 947 | 931 | 305 |
| 25° | 987 | 936 | 842 | 798 | 786 | 453 |
| 35° | 768 | 722 | 644 | 620 | 622 | 478 |
| 45° | 502 | 479 | 438 | 441 | 457 | 390 |
| 55° | 314 | 290 | 271 | 281 | 290 | 283 |
| 65° | 186 | 160 | 137 | 134 | 140 | 185 |
| 75° | 87 | 66 | 36 | 23 | 22 | 92 |
| 85° | 14 | 9 | 1 | 1 | 1 | 20 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P583975

CATALOG NUMBER: HCC8W20D010MW-HM80520827-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 |
| 2.5° | 1085.0 | 1086.4 | 1085.0 | 1085.0 | 1083.5 | 1082.0 | 1080.6 | 1079.2 | 1076.2 | 1073.3 | 1073.3 |
| 5° | 1090.7 | 1093.7 | 1090.7 | 1090.7 | 1086.4 | 1083.5 | 1080.6 | 1076.2 | 1070.4 | 1066.0 | 1066.0 |
| 7.5° | 1095.1 | 1095.1 | 1095.1 | 1090.7 | 1087.9 | 1083.5 | 1076.2 | 1068.9 | 1061.7 | 1054.3 | 1051.5 |
| 10° | 1095.1 | 1095.1 | 1093.7 | 1087.9 | 1085.0 | 1076.2 | 1068.9 | 1058.7 | 1048.6 | 1038.4 | 1035.4 |
| 12.5° | 1090.7 | 1092.3 | 1089.3 | 1083.5 | 1076.2 | 1066.0 | 1055.9 | 1042.8 | 1031.1 | 1019.5 | 1013.6 |
| 15° | 1085.0 | 1083.5 | 1080.6 | 1073.3 | 1064.5 | 1051.5 | 1041.2 | 1026.7 | 1010.7 | 996.1 | 990.3 |
| 17.5° | 1070.4 | 1070.4 | 1066.0 | 1058.7 | 1047.1 | 1032.5 | 1016.5 | 1000.4 | 983.1 | 967.0 | 959.7 |
| 20° | 1051.5 | 1051.5 | 1045.6 | 1036.9 | 1025.3 | 1006.4 | 988.9 | 969.9 | 949.5 | 933.5 | 926.2 |
| 22.5° | 1023.8 | 1025.3 | 1017.9 | 1007.8 | 994.7 | 972.8 | 955.3 | 932.0 | 911.7 | 892.8 | 886.9 |
| 25° | 987.3 | 990.3 | 983.1 | 972.8 | 955.3 | 936.4 | 914.5 | 892.8 | 869.5 | 850.4 | 841.7 |
| 27.5° | 945.1 | 946.7 | 939.3 | 929.2 | 911.7 | 891.2 | 869.5 | 846.1 | 824.3 | 803.9 | 795.1 |
| 30° | 898.6 | 892.8 | 889.8 | 876.7 | 857.8 | 840.3 | 815.6 | 796.5 | 773.3 | 755.8 | 745.6 |
| 32.5° | 833.0 | 835.9 | 827.2 | 817.0 | 802.5 | 782.0 | 761.7 | 739.8 | 717.9 | 704.8 | 697.6 |
| 35° | 767.5 | 770.4 | 766.1 | 755.8 | 739.8 | 722.3 | 702.0 | 685.9 | 667.0 | 650.9 | 643.7 |
| 37.5° | 699.0 | 699.0 | 696.1 | 690.3 | 678.6 | 662.6 | 642.2 | 626.2 | 610.1 | 597.1 | 592.8 |
| 40° | 630.6 | 627.6 | 626.2 | 621.9 | 611.7 | 597.1 | 584.0 | 570.9 | 554.8 | 546.1 | 540.3 |
| 42.5° | 563.6 | 563.6 | 560.6 | 556.4 | 546.1 | 538.9 | 525.8 | 511.2 | 499.5 | 490.8 | 490.8 |
| 45° | 502.5 | 503.9 | 499.5 | 496.6 | 490.8 | 479.2 | 467.5 | 457.3 | 447.0 | 441.2 | 438.4 |
| 47.5° | 448.6 | 448.6 | 444.2 | 441.2 | 435.4 | 425.3 | 415.0 | 406.3 | 399.0 | 394.7 | 393.3 |
| 50° | 397.6 | 397.6 | 397.6 | 390.3 | 383.0 | 375.8 | 368.4 | 358.3 | 353.9 | 350.9 | 349.5 |
| 52.5° | 353.9 | 352.5 | 352.5 | 346.6 | 339.4 | 330.6 | 323.3 | 314.5 | 310.2 | 307.3 | 308.7 |
| 55° | 314.5 | 314.5 | 313.1 | 305.8 | 298.6 | 289.8 | 282.5 | 275.3 | 272.3 | 269.4 | 270.9 |
| 56° | 298.6 | 298.6 | 297.0 | 291.2 | 282.5 | 275.3 | 266.5 | 259.2 | 254.8 | 256.3 | 256.3 |
| 57° | 286.9 | 284.0 | 284.0 | 276.7 | 269.4 | 259.2 | 251.9 | 244.7 | 241.7 | 240.3 | 240.3 |
| 58° | 272.3 | 270.9 | 269.4 | 262.2 | 254.8 | 246.1 | 238.9 | 231.6 | 227.2 | 227.2 | 225.8 |
| 59° | 257.8 | 257.8 | 254.8 | 249.0 | 241.7 | 233.0 | 225.8 | 218.4 | 214.1 | 212.6 | 212.6 |
| 60° | 244.7 | 246.1 | 241.7 | 235.9 | 230.1 | 219.9 | 211.2 | 205.3 | 200.9 | 199.5 | 199.5 |
| 61° | 233.0 | 233.0 | 230.1 | 222.8 | 215.5 | 208.3 | 199.5 | 192.2 | 189.4 | 186.4 | 186.4 |
| 62° | 222.8 | 219.9 | 218.4 | 211.2 | 203.9 | 195.1 | 187.8 | 180.6 | 176.2 | 173.3 | 174.7 |
| 63° | 209.7 | 208.3 | 205.3 | 199.5 | 192.2 | 183.4 | 174.7 | 168.9 | 164.5 | 160.2 | 161.7 |
| 64° | 199.5 | 198.1 | 193.7 | 187.8 | 180.6 | 171.9 | 163.1 | 157.3 | 154.4 | 150.0 | 148.6 |
| 65° | 186.4 | 185.0 | 183.4 | 176.2 | 168.9 | 160.2 | 153.0 | 147.0 | 142.7 | 139.8 | 136.9 |
| 66° | 174.7 | 176.2 | 173.3 | 167.5 | 158.7 | 151.4 | 141.2 | 135.5 | 132.5 | 128.1 | 125.3 |
| 67° | 164.5 | 164.5 | 161.7 | 155.8 | 147.0 | 139.8 | 132.5 | 125.3 | 120.9 | 116.5 | 115.0 |
| 67.5° | 158.7 | 158.7 | 155.8 | 148.6 | 142.7 | 134.0 | 126.7 | 120.9 | 115.0 | 112.2 | 109.2 |
| 68° | 153.0 | 153.0 | 151.4 | 145.6 | 138.3 | 129.7 | 122.3 | 115.0 | 109.2 | 104.8 | 103.4 |
| 69° | 142.7 | 144.2 | 141.2 | 135.5 | 128.1 | 119.4 | 112.2 | 106.3 | 100.5 | 96.1 | 93.3 |
| 70° | 134.0 | 132.5 | 129.7 | 123.8 | 116.5 | 110.6 | 103.4 | 96.1 | 90.3 | 84.5 | 83.0 |
| 71° | 122.3 | 122.3 | 119.4 | 115.0 | 107.8 | 100.5 | 93.3 | 87.3 | 81.6 | 74.2 | 72.8 |
| 72° | 113.6 | 113.6 | 110.6 | 104.8 | 99.1 | 91.7 | 84.5 | 77.2 | 72.8 | 65.5 | 62.6 |
| 72.5° | 107.8 | 109.2 | 106.3 | 100.5 | 94.7 | 85.9 | 80.1 | 74.2 | 67.0 | 61.1 | 58.3 |
| 73° | 104.8 | 103.4 | 101.9 | 96.1 | 88.9 | 83.0 | 75.8 | 69.9 | 62.6 | 56.9 | 53.9 |



TEST NUMBER: P583975
 CATALOG NUMBER: HCC8W20D010MW-HM80520827-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 65.5 | 65.5 | 64.1 | 58.3 | 52.5 | 46.6 | 40.8 | 35.0 | 29.1 | 23.3 | 20.3 |
| 80° | 45.2 | 46.6 | 43.7 | 40.8 | 36.4 | 30.6 | 24.7 | 20.3 | 14.5 | 11.7 | 8.7 |
| 82.5° | 29.1 | 29.1 | 27.7 | 24.7 | 21.9 | 17.5 | 14.5 | 10.2 | 7.3 | 5.8 | 4.4 |
| 85° | 14.5 | 16.1 | 14.5 | 13.1 | 10.2 | 8.7 | 7.3 | 4.4 | 3.0 | 1.4 | 1.4 |
| 87.5° | 5.8 | 5.8 | 5.8 | 4.4 | 4.4 | 3.0 | 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° | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 | 1074.8 |
| 2.5° | 1070.4 | 1070.4 | 1067.5 | 1066.0 | 1064.5 | 1063.1 | 1061.7 | 1060.3 | 1060.3 | 1061.7 |
| 5° | 1061.7 | 1058.7 | 1052.9 | 1051.5 | 1047.1 | 1045.6 | 1042.8 | 1041.2 | 1042.8 | 1041.2 |
| 7.5° | 1048.6 | 1042.8 | 1035.4 | 1032.5 | 1026.7 | 1023.8 | 1019.5 | 1019.5 | 1016.5 | 1017.9 |
| 10° | 1031.1 | 1022.3 | 1013.6 | 1007.8 | 1003.4 | 999.0 | 996.1 | 993.2 | 991.7 | 991.7 |
| 12.5° | 1009.2 | 999.0 | 990.3 | 981.5 | 974.3 | 971.4 | 965.6 | 965.6 | 962.6 | 961.2 |
| 15° | 984.5 | 971.4 | 961.2 | 952.5 | 946.7 | 940.8 | 936.4 | 933.5 | 930.6 | 930.6 |
| 17.5° | 952.5 | 940.8 | 930.6 | 920.4 | 911.7 | 907.3 | 902.9 | 898.6 | 898.6 | 895.6 |
| 20° | 917.5 | 904.3 | 895.6 | 885.4 | 878.1 | 870.9 | 865.1 | 865.1 | 862.2 | 863.6 |
| 22.5° | 878.1 | 862.2 | 853.4 | 846.1 | 838.9 | 833.0 | 827.2 | 827.2 | 825.7 | 824.3 |
| 25° | 834.5 | 821.4 | 811.2 | 802.5 | 798.1 | 792.3 | 790.8 | 787.9 | 786.4 | 786.4 |
| 27.5° | 787.9 | 777.6 | 764.5 | 760.1 | 754.4 | 751.5 | 751.5 | 750.0 | 747.1 | 748.6 |
| 30° | 738.4 | 726.7 | 719.4 | 716.5 | 710.7 | 710.7 | 709.2 | 706.4 | 706.4 | 707.8 |
| 32.5° | 690.3 | 678.6 | 672.8 | 671.4 | 665.6 | 665.6 | 664.0 | 665.6 | 665.6 | 667.0 |
| 35° | 637.9 | 627.6 | 626.2 | 621.9 | 620.4 | 620.4 | 620.4 | 623.3 | 626.2 | 621.9 |
| 37.5° | 588.4 | 581.1 | 576.7 | 575.3 | 576.7 | 576.7 | 578.1 | 582.5 | 581.1 | 579.7 |
| 40° | 537.3 | 531.5 | 528.6 | 528.6 | 531.5 | 534.5 | 534.5 | 538.9 | 540.3 | 538.9 |
| 42.5° | 486.4 | 482.0 | 482.0 | 483.4 | 486.4 | 487.8 | 492.2 | 496.6 | 498.1 | 499.5 |
| 45° | 438.4 | 438.4 | 438.4 | 439.8 | 441.2 | 444.2 | 450.0 | 454.4 | 455.8 | 457.3 |
| 47.5° | 391.7 | 390.3 | 394.7 | 396.1 | 400.5 | 402.0 | 406.3 | 412.2 | 413.6 | 415.0 |
| 50° | 348.1 | 350.9 | 352.5 | 356.8 | 359.7 | 359.7 | 365.6 | 368.4 | 372.8 | 372.8 |
| 52.5° | 307.3 | 311.7 | 313.1 | 317.5 | 318.9 | 320.4 | 323.3 | 327.7 | 330.6 | 330.6 |
| 55° | 270.9 | 272.3 | 275.3 | 276.7 | 281.1 | 282.5 | 285.5 | 286.9 | 291.2 | 289.8 |
| 56° | 254.8 | 257.8 | 259.2 | 262.2 | 265.0 | 266.5 | 269.4 | 270.9 | 273.8 | 275.3 |
| 57° | 240.3 | 241.7 | 246.1 | 247.6 | 250.5 | 250.5 | 251.9 | 256.3 | 256.3 | 257.8 |
| 58° | 225.8 | 228.6 | 230.1 | 231.6 | 234.5 | 235.9 | 238.9 | 240.3 | 241.7 | 240.3 |
| 59° | 212.6 | 214.1 | 215.5 | 215.5 | 218.4 | 218.4 | 222.8 | 225.8 | 227.2 | 227.2 |
| 60° | 199.5 | 199.5 | 200.9 | 202.5 | 205.3 | 206.8 | 206.8 | 209.7 | 209.7 | 209.7 |
| 61° | 186.4 | 186.4 | 187.8 | 189.4 | 190.8 | 190.8 | 193.7 | 193.7 | 195.1 | 196.6 |
| 62° | 174.7 | 173.3 | 173.3 | 174.7 | 174.7 | 177.7 | 179.1 | 180.6 | 182.0 | 180.6 |
| 63° | 161.7 | 160.2 | 160.2 | 160.2 | 160.2 | 163.1 | 163.1 | 164.5 | 167.5 | 166.1 |
| 64° | 147.0 | 147.0 | 147.0 | 147.0 | 148.6 | 148.6 | 151.4 | 153.0 | 154.4 | 155.8 |
| 65° | 136.9 | 134.0 | 132.5 | 132.5 | 134.0 | 135.5 | 136.9 | 138.3 | 139.8 | 139.8 |
| 66° | 125.3 | 122.3 | 120.9 | 120.9 | 120.9 | 120.9 | 123.8 | 123.8 | 126.7 | 126.7 |
| 67° | 112.2 | 109.2 | 107.8 | 106.3 | 106.3 | 106.3 | 110.6 | 109.2 | 109.2 | 109.2 |
| 67.5° | 107.8 | 103.4 | 101.9 | 100.5 | 99.1 | 101.9 | 100.5 | 101.9 | 101.9 | 100.5 |
| 68° | 101.9 | 99.1 | 96.1 | 93.3 | 93.3 | 93.3 | 94.7 | 96.1 | 94.7 | 93.3 |
| 69° | 90.3 | 88.9 | 84.5 | 81.6 | 80.1 | 81.6 | 80.1 | 81.6 | 80.1 | 81.6 |
| 70° | 80.1 | 75.8 | 71.4 | 69.9 | 68.4 | 68.4 | 68.4 | 67.0 | 68.4 | 67.0 |
| 71° | 69.9 | 65.5 | 61.1 | 58.3 | 56.9 | 56.9 | 55.3 | 56.9 | 55.3 | 56.9 |
| 72° | 59.7 | 55.3 | 49.5 | 46.6 | 46.6 | 46.6 | 46.6 | 45.2 | 46.6 | 45.2 |
| 72.5° | 55.3 | 49.5 | 45.2 | 42.2 | 40.8 | 40.8 | 40.8 | 40.8 | 39.4 | 40.8 |
| 73° | 50.9 | 45.2 | 39.4 | 37.8 | 37.8 | 37.8 | 36.4 | 35.0 | 36.4 | 36.4 |



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CATALOG NUMBER: HCC8W20D010MW-HM80520827-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 17.5 | 13.1 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 10.2 | 10.2 |
| 80° | 7.3 | 5.8 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 82.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 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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1121 Highway 74 South
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° | 94.7 | 94.7 | 91.7 | 87.3 | 80.1 | 72.8 | 67.0 | 61.1 | 53.9 | 46.6 | 43.7 |
| 75° | 87.3 | 85.9 | 83.0 | 78.6 | 72.8 | 65.5 | 59.7 | 52.5 | 46.6 | 39.4 | 36.4 |

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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 42.2 | 35.0 | 32.0 | 29.1 | 29.1 | 29.1 | 27.7 | 27.7 | 27.7 | 29.1 |
| 75° | 33.5 | 27.7 | 24.7 | 21.9 | 23.3 | 21.9 | 23.3 | 21.9 | 21.9 | 21.9 |

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(END OF REPORT)