

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: P593614

Luminaire Tested: **HCC8S20D010MB-HM80520950-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P593614
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: HCC8S20D010MB-HM80520950-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

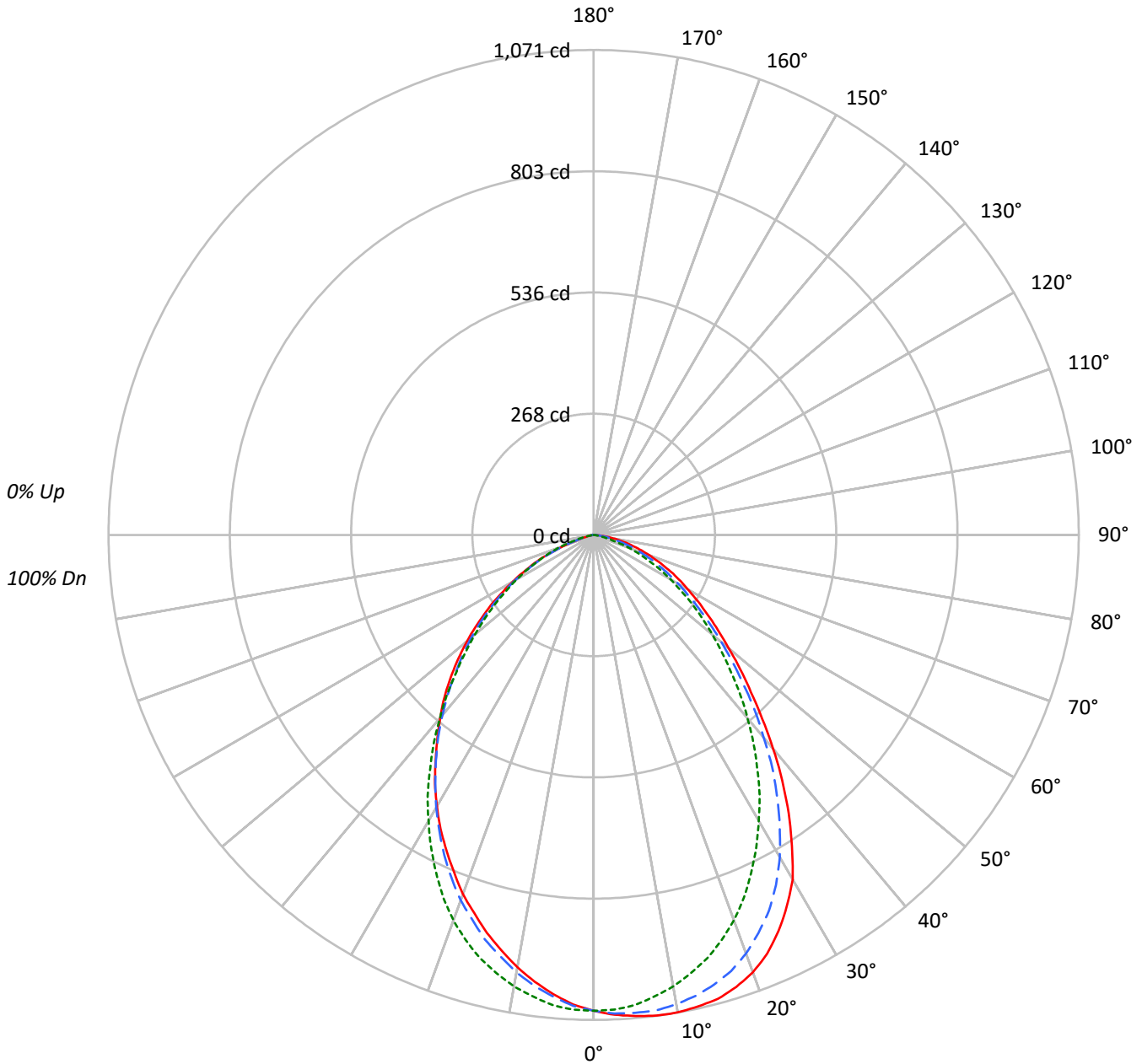
Lumens per Lamp: N/A
Luminaire Lumens: 1970.0 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 20
Input Voltage (V): NR
Input Current (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: P593614
CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

Luminous Intensity Polar Plot





TEST NUMBER: P593614

CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

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 | 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° | 32406 | 32406 | 32406 |
| 5° | 33013 | 32263 | 31517 |
| 10° | 33529 | 31700 | 30363 |
| 15° | 33865 | 30912 | 29048 |
| 20° | 33737 | 29718 | 27709 |
| 25° | 32850 | 28002 | 26161 |
| 30° | 31284 | 25961 | 24643 |
| 35° | 28252 | 23693 | 22888 |
| 40° | 24817 | 21262 | 21206 |
| 45° | 21421 | 18691 | 19502 |
| 50° | 18652 | 16392 | 17486 |
| 55° | 16537 | 14241 | 15231 |
| 60° | 14752 | 12026 | 12649 |
| 65° | 13302 | 9763 | 9982 |
| 70° | 11811 | 7321 | 5905 |
| 75° | 10187 | 4241 | 2550 |
| 80° | 7831 | 1509 | 764 |
| 85° | 5024 | 495 | 495 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 98.6 | 5.0 |
| 10°-20° | 274.6 | 13.9 |
| 20°-30° | 388.4 | 19.7 |
| 30°-40° | 409.3 | 20.8 |
| 40°-50° | 347.8 | 17.7 |
| 50°-60° | 250.5 | 12.7 |
| 60°-70° | 144.5 | 7.3 |
| 70°-80° | 49.4 | 2.5 |
| 80°-90° | 6.8 | 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° | 761.7 | 38.7 |
| 0°-40° | 1171.0 | 59.4 |
| 0°-60° | 1769.3 | 89.8 |
| 0°-90° | 1970.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1970.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1051 | 1051 | 1051 | 1051 | 1051 | |
| 5° | 1066 | 1059 | 1042 | 1024 | 1018 | 102 |
| 15° | 1061 | 1028 | 968 | 926 | 910 | 299 |
| 25° | 966 | 916 | 823 | 780 | 769 | 443 |
| 35° | 750 | 706 | 629 | 607 | 608 | 467 |
| 45° | 491 | 468 | 429 | 431 | 447 | 382 |
| 55° | 308 | 283 | 265 | 275 | 283 | 277 |
| 65° | 182 | 157 | 134 | 131 | 137 | 181 |
| 75° | 86 | 64 | 36 | 23 | 21 | 90 |
| 85° | 14 | 8 | 1 | 1 | 1 | 19 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P593614

CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 |
| 2.5° | 1060.8 | 1062.3 | 1060.8 | 1060.8 | 1059.4 | 1058.0 | 1056.6 | 1055.2 | 1052.3 | 1049.5 | 1049.5 |
| 5° | 1066.5 | 1069.4 | 1066.5 | 1066.5 | 1062.3 | 1059.4 | 1056.6 | 1052.3 | 1046.7 | 1042.3 | 1042.3 |
| 7.5° | 1070.8 | 1070.8 | 1070.8 | 1066.5 | 1063.7 | 1059.4 | 1052.3 | 1045.1 | 1038.0 | 1030.9 | 1028.1 |
| 10° | 1070.8 | 1070.8 | 1069.4 | 1063.7 | 1060.8 | 1052.3 | 1045.1 | 1035.2 | 1025.3 | 1015.2 | 1012.4 |
| 12.5° | 1066.5 | 1067.9 | 1065.1 | 1059.4 | 1052.3 | 1042.3 | 1032.4 | 1019.6 | 1008.1 | 996.8 | 991.1 |
| 15° | 1060.8 | 1059.4 | 1056.6 | 1049.5 | 1040.9 | 1028.1 | 1018.2 | 1003.9 | 988.3 | 974.0 | 968.3 |
| 17.5° | 1046.7 | 1046.7 | 1042.3 | 1035.2 | 1023.8 | 1009.5 | 993.9 | 978.2 | 961.2 | 945.5 | 938.4 |
| 20° | 1028.1 | 1028.1 | 1022.4 | 1013.8 | 1002.5 | 983.9 | 966.9 | 948.3 | 928.5 | 912.7 | 905.6 |
| 22.5° | 1001.0 | 1002.5 | 995.4 | 985.4 | 972.5 | 951.2 | 934.1 | 911.3 | 891.3 | 872.9 | 867.2 |
| 25° | 965.5 | 968.3 | 961.2 | 951.2 | 934.1 | 915.6 | 894.3 | 872.9 | 850.1 | 831.5 | 823.0 |
| 27.5° | 924.1 | 925.6 | 918.4 | 908.5 | 891.3 | 871.5 | 850.1 | 827.3 | 806.0 | 786.0 | 777.5 |
| 30° | 878.6 | 872.9 | 870.1 | 857.2 | 838.7 | 821.6 | 797.4 | 778.9 | 756.1 | 739.0 | 729.1 |
| 32.5° | 814.5 | 817.4 | 808.8 | 798.8 | 784.6 | 764.6 | 744.8 | 723.4 | 702.0 | 689.2 | 682.1 |
| 35° | 750.5 | 753.3 | 749.0 | 739.0 | 723.4 | 706.2 | 686.4 | 670.7 | 652.2 | 636.5 | 629.4 |
| 37.5° | 683.6 | 683.6 | 680.6 | 674.9 | 663.6 | 647.9 | 628.0 | 612.3 | 596.7 | 583.8 | 579.5 |
| 40° | 616.5 | 613.7 | 612.3 | 608.0 | 598.1 | 583.8 | 571.0 | 558.1 | 542.5 | 534.0 | 528.2 |
| 42.5° | 551.0 | 551.0 | 548.2 | 544.0 | 534.0 | 526.8 | 514.1 | 499.7 | 488.4 | 479.9 | 479.9 |
| 45° | 491.2 | 492.7 | 488.4 | 485.6 | 479.9 | 468.4 | 457.1 | 447.2 | 437.1 | 431.4 | 428.6 |
| 47.5° | 438.5 | 438.5 | 434.3 | 431.4 | 425.8 | 415.8 | 405.8 | 397.3 | 390.2 | 385.9 | 384.5 |
| 50° | 388.8 | 388.8 | 388.8 | 381.7 | 374.5 | 367.4 | 360.3 | 350.3 | 346.0 | 343.1 | 341.7 |
| 52.5° | 346.0 | 344.6 | 344.6 | 338.9 | 331.8 | 323.3 | 316.1 | 307.6 | 303.3 | 300.5 | 301.9 |
| 55° | 307.6 | 307.6 | 306.1 | 299.0 | 292.0 | 283.3 | 276.2 | 269.1 | 266.3 | 263.5 | 264.9 |
| 56° | 292.0 | 292.0 | 290.5 | 284.7 | 276.2 | 269.1 | 260.6 | 253.4 | 249.2 | 250.6 | 250.6 |
| 57° | 280.5 | 277.7 | 277.7 | 270.6 | 263.5 | 253.4 | 246.3 | 239.2 | 236.4 | 235.0 | 235.0 |
| 58° | 266.3 | 264.9 | 263.5 | 256.3 | 249.2 | 240.7 | 233.6 | 226.4 | 222.1 | 222.1 | 220.7 |
| 59° | 252.0 | 252.0 | 249.2 | 243.5 | 236.4 | 227.9 | 220.7 | 213.6 | 209.3 | 207.9 | 207.9 |
| 60° | 239.2 | 240.7 | 236.4 | 230.7 | 224.9 | 215.0 | 206.5 | 200.8 | 196.4 | 195.0 | 195.0 |
| 61° | 227.9 | 227.9 | 224.9 | 217.8 | 210.8 | 203.7 | 195.0 | 187.9 | 185.1 | 182.3 | 182.3 |
| 62° | 217.8 | 215.0 | 213.6 | 206.5 | 199.4 | 190.8 | 183.7 | 176.6 | 172.3 | 169.5 | 170.9 |
| 63° | 205.1 | 203.7 | 200.8 | 195.0 | 187.9 | 179.4 | 170.9 | 165.1 | 160.9 | 156.6 | 158.0 |
| 64° | 195.0 | 193.6 | 189.4 | 183.7 | 176.6 | 168.1 | 159.5 | 153.8 | 150.9 | 146.7 | 145.3 |
| 65° | 182.3 | 180.8 | 179.4 | 172.3 | 165.1 | 156.6 | 149.5 | 143.8 | 139.6 | 136.8 | 133.8 |
| 66° | 170.9 | 172.3 | 169.5 | 163.7 | 155.2 | 148.1 | 138.2 | 132.4 | 129.5 | 125.3 | 122.5 |
| 67° | 160.9 | 160.9 | 158.0 | 152.4 | 143.8 | 136.8 | 129.5 | 122.5 | 118.2 | 113.9 | 112.5 |
| 67.5° | 155.2 | 155.2 | 152.4 | 145.3 | 139.6 | 131.0 | 123.9 | 118.2 | 112.5 | 109.7 | 106.9 |
| 68° | 149.5 | 149.5 | 148.1 | 142.4 | 135.2 | 126.7 | 119.6 | 112.5 | 106.9 | 102.5 | 101.1 |
| 69° | 139.6 | 141.0 | 138.2 | 132.4 | 125.3 | 116.8 | 109.7 | 103.9 | 98.2 | 94.0 | 91.1 |
| 70° | 131.0 | 129.5 | 126.7 | 121.0 | 113.9 | 108.3 | 101.1 | 94.0 | 88.3 | 82.6 | 81.2 |
| 71° | 119.6 | 119.6 | 116.8 | 112.5 | 105.3 | 98.2 | 91.1 | 85.5 | 79.8 | 72.6 | 71.2 |
| 72° | 111.1 | 111.1 | 108.3 | 102.5 | 96.8 | 89.7 | 82.6 | 75.4 | 71.2 | 64.1 | 61.2 |
| 72.5° | 105.3 | 106.9 | 103.9 | 98.2 | 92.6 | 84.0 | 78.4 | 72.6 | 65.5 | 59.8 | 57.0 |
| 73° | 102.5 | 101.1 | 99.6 | 94.0 | 86.9 | 81.2 | 74.0 | 68.3 | 61.2 | 55.6 | 52.7 |



TEST NUMBER: P593614
 CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 64.1 | 64.1 | 62.6 | 57.0 | 51.3 | 45.6 | 39.8 | 34.2 | 28.5 | 22.8 | 20.0 |
| 80° | 44.1 | 45.6 | 42.7 | 39.8 | 35.6 | 29.9 | 24.2 | 20.0 | 14.2 | 11.3 | 8.5 |
| 82.5° | 28.5 | 28.5 | 27.1 | 24.2 | 21.4 | 17.1 | 14.2 | 9.9 | 7.1 | 5.7 | 4.3 |
| 85° | 14.2 | 15.7 | 14.2 | 12.8 | 9.9 | 8.5 | 7.1 | 4.3 | 2.8 | 1.4 | 1.4 |
| 87.5° | 5.7 | 5.7 | 5.7 | 4.3 | 4.3 | 2.8 | 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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CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 | 1050.9 |
| 2.5° | 1046.7 | 1046.7 | 1043.7 | 1042.3 | 1040.9 | 1039.5 | 1038.0 | 1036.6 | 1036.6 | 1038.0 |
| 5° | 1038.0 | 1035.2 | 1029.5 | 1028.1 | 1023.8 | 1022.4 | 1019.6 | 1018.2 | 1019.6 | 1018.2 |
| 7.5° | 1025.3 | 1019.6 | 1012.4 | 1009.5 | 1003.9 | 1001.0 | 996.8 | 996.8 | 993.9 | 995.4 |
| 10° | 1008.1 | 999.6 | 991.1 | 985.4 | 981.1 | 976.8 | 974.0 | 971.1 | 969.7 | 969.7 |
| 12.5° | 986.9 | 976.8 | 968.3 | 959.8 | 952.6 | 949.7 | 944.1 | 944.1 | 941.2 | 939.8 |
| 15° | 962.6 | 949.7 | 939.8 | 931.3 | 925.6 | 919.8 | 915.6 | 912.7 | 909.9 | 909.9 |
| 17.5° | 931.3 | 919.8 | 909.9 | 900.0 | 891.3 | 887.1 | 882.8 | 878.6 | 878.6 | 875.7 |
| 20° | 897.1 | 884.3 | 875.7 | 865.8 | 858.6 | 851.5 | 845.8 | 845.8 | 843.0 | 844.4 |
| 22.5° | 858.6 | 843.0 | 834.5 | 827.3 | 820.2 | 814.5 | 808.8 | 808.8 | 807.4 | 806.0 |
| 25° | 815.9 | 803.1 | 793.1 | 784.6 | 780.4 | 774.7 | 773.3 | 770.3 | 768.9 | 768.9 |
| 27.5° | 770.3 | 760.4 | 747.6 | 743.4 | 737.6 | 734.7 | 734.7 | 733.3 | 730.5 | 731.9 |
| 30° | 722.0 | 710.5 | 703.4 | 700.6 | 694.9 | 694.9 | 693.5 | 690.6 | 690.6 | 692.1 |
| 32.5° | 674.9 | 663.6 | 657.9 | 656.5 | 650.7 | 650.7 | 649.3 | 650.7 | 650.7 | 652.2 |
| 35° | 623.7 | 613.7 | 612.3 | 608.0 | 606.6 | 606.6 | 606.6 | 609.4 | 612.3 | 608.0 |
| 37.5° | 575.3 | 568.2 | 563.9 | 562.5 | 563.9 | 563.9 | 565.4 | 569.6 | 568.2 | 566.8 |
| 40° | 525.4 | 519.7 | 516.9 | 516.9 | 519.7 | 522.6 | 522.6 | 526.8 | 528.2 | 526.8 |
| 42.5° | 475.6 | 471.4 | 471.4 | 472.8 | 475.6 | 477.1 | 481.3 | 485.6 | 487.0 | 488.4 |
| 45° | 428.6 | 428.6 | 428.6 | 430.0 | 431.4 | 434.3 | 440.1 | 444.3 | 445.7 | 447.2 |
| 47.5° | 383.1 | 381.7 | 385.9 | 387.3 | 391.6 | 393.0 | 397.3 | 402.9 | 404.4 | 405.8 |
| 50° | 340.3 | 343.1 | 344.6 | 348.9 | 351.8 | 351.8 | 357.4 | 360.3 | 364.5 | 364.5 |
| 52.5° | 300.5 | 304.7 | 306.1 | 310.4 | 311.8 | 313.2 | 316.1 | 320.4 | 323.3 | 323.3 |
| 55° | 264.9 | 266.3 | 269.1 | 270.6 | 274.8 | 276.2 | 279.1 | 280.5 | 284.7 | 283.3 |
| 56° | 249.2 | 252.0 | 253.4 | 256.3 | 259.2 | 260.6 | 263.5 | 264.9 | 267.7 | 269.1 |
| 57° | 235.0 | 236.4 | 240.7 | 242.1 | 244.9 | 244.9 | 246.3 | 250.6 | 250.6 | 252.0 |
| 58° | 220.7 | 223.5 | 224.9 | 226.4 | 229.3 | 230.7 | 233.6 | 235.0 | 236.4 | 235.0 |
| 59° | 207.9 | 209.3 | 210.8 | 210.8 | 213.6 | 213.6 | 217.8 | 220.7 | 222.1 | 222.1 |
| 60° | 195.0 | 195.0 | 196.4 | 198.0 | 200.8 | 202.2 | 202.2 | 205.1 | 205.1 | 205.1 |
| 61° | 182.3 | 182.3 | 183.7 | 185.1 | 186.5 | 186.5 | 189.4 | 189.4 | 190.8 | 192.2 |
| 62° | 170.9 | 169.5 | 169.5 | 170.9 | 170.9 | 173.8 | 175.2 | 176.6 | 178.0 | 176.6 |
| 63° | 158.0 | 156.6 | 156.6 | 156.6 | 156.6 | 159.5 | 159.5 | 160.9 | 163.7 | 162.3 |
| 64° | 143.8 | 143.8 | 143.8 | 143.8 | 145.3 | 145.3 | 148.1 | 149.5 | 150.9 | 152.4 |
| 65° | 133.8 | 131.0 | 129.5 | 129.5 | 131.0 | 132.4 | 133.8 | 135.2 | 136.8 | 136.8 |
| 66° | 122.5 | 119.6 | 118.2 | 118.2 | 118.2 | 118.2 | 121.0 | 121.0 | 123.9 | 123.9 |
| 67° | 109.7 | 106.9 | 105.3 | 103.9 | 103.9 | 103.9 | 108.3 | 106.9 | 106.9 | 106.9 |
| 67.5° | 105.3 | 101.1 | 99.6 | 98.2 | 96.8 | 99.6 | 98.2 | 99.6 | 99.6 | 98.2 |
| 68° | 99.6 | 96.8 | 94.0 | 91.1 | 91.1 | 91.1 | 92.6 | 94.0 | 92.6 | 91.1 |
| 69° | 88.3 | 86.9 | 82.6 | 79.8 | 78.4 | 79.8 | 78.4 | 79.8 | 78.4 | 79.8 |
| 70° | 78.4 | 74.0 | 69.7 | 68.3 | 66.9 | 66.9 | 66.9 | 65.5 | 66.9 | 65.5 |
| 71° | 68.3 | 64.1 | 59.8 | 57.0 | 55.6 | 55.6 | 54.1 | 55.6 | 54.1 | 55.6 |
| 72° | 58.4 | 54.1 | 48.5 | 45.6 | 45.6 | 45.6 | 45.6 | 44.1 | 45.6 | 44.1 |
| 72.5° | 54.1 | 48.5 | 44.1 | 41.3 | 39.8 | 39.8 | 39.8 | 39.8 | 38.4 | 39.8 |
| 73° | 49.9 | 44.1 | 38.4 | 37.0 | 37.0 | 37.0 | 35.6 | 34.2 | 35.6 | 35.6 |



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 CATALOG NUMBER: HCC8S20D010MB-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 17.1 | 12.8 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 9.9 | 9.9 |
| 80° | 7.1 | 5.7 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 82.5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 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 |

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

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



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

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|-----|------|------|------|------|------|------|------|------|------|------|------|
| 74° | 92.6 | 92.6 | 89.7 | 85.5 | 78.4 | 71.2 | 65.5 | 59.8 | 52.7 | 45.6 | 42.7 |
| 75° | 85.5 | 84.0 | 81.2 | 76.9 | 71.2 | 64.1 | 58.4 | 51.3 | 45.6 | 38.4 | 35.6 |

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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 41.3 | 34.2 | 31.3 | 28.5 | 28.5 | 28.5 | 27.1 | 27.1 | 27.1 | 28.5 |
| 75° | 32.7 | 27.1 | 24.2 | 21.4 | 22.8 | 21.4 | 22.8 | 21.4 | 21.4 | 21.4 |

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(END OF REPORT)