

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: P584022

Luminaire Tested: **HCC8S20D010MW-HM80520840-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584022
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-HM80520840-81RWWH
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

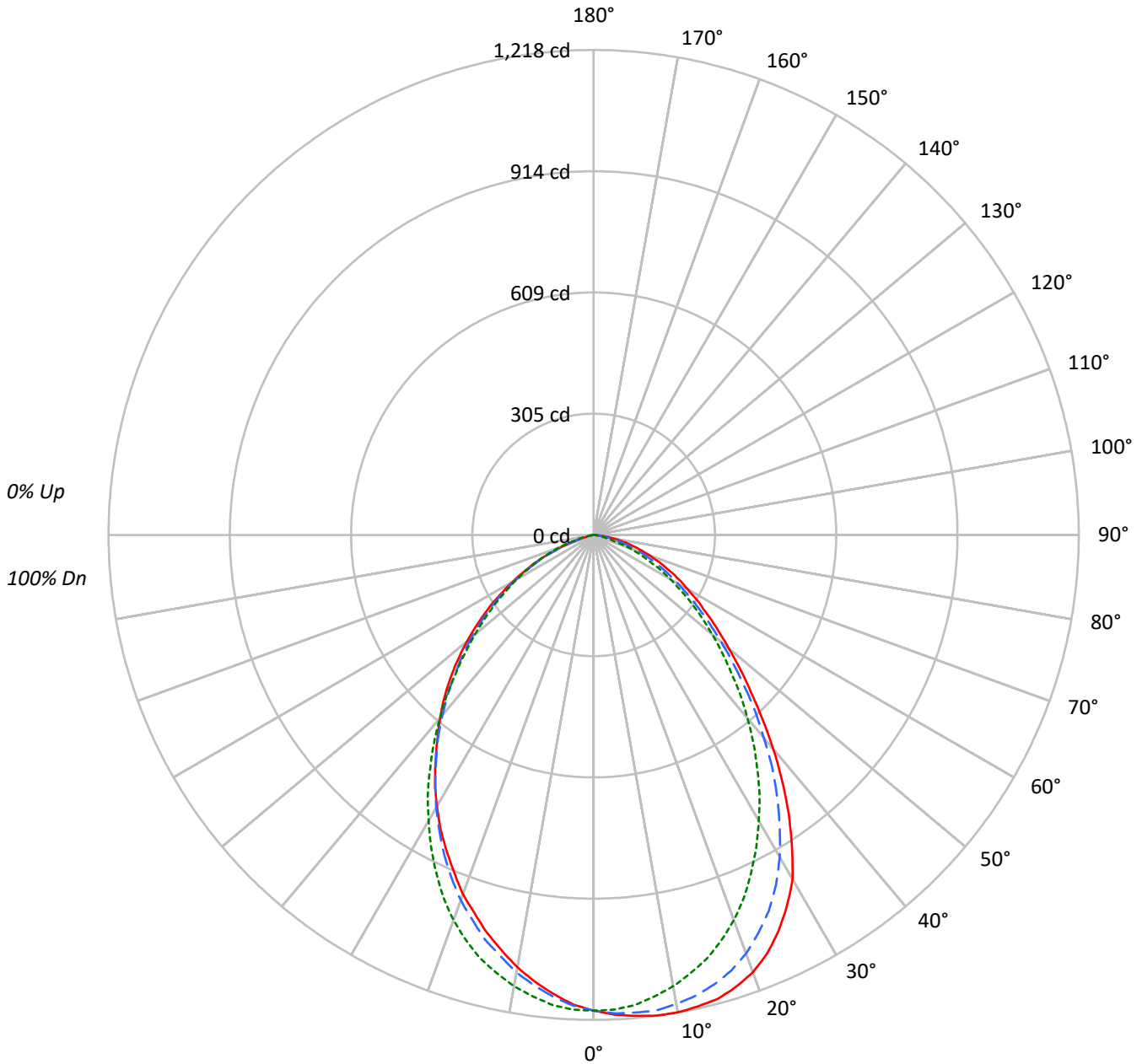
Lumens per Lamp: N/A
Luminaire Lumens: 2239.8 lumens
Efficiency: N/A
Efficacy: 112.0 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P584022
CATALOG NUMBER: HCC8S20D010MW-HM80520840-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P584022

CATALOG NUMBER: HCC8S20D010MW-HM80520840-81RWWH

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 | | | | | | | | |
| 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° | 36843 | 36843 | 36843 |
| 5° | 37535 | 36684 | 35829 |
| 10° | 38122 | 36040 | 34521 |
| 15° | 38504 | 35145 | 33025 |
| 20° | 38358 | 33787 | 31503 |
| 25° | 37345 | 31840 | 29744 |
| 30° | 35568 | 29514 | 28012 |
| 35° | 32118 | 26938 | 26020 |
| 40° | 28218 | 24177 | 24112 |
| 45° | 24356 | 21251 | 22171 |
| 50° | 21199 | 18637 | 19880 |
| 55° | 18795 | 16193 | 17322 |
| 60° | 16775 | 13673 | 14376 |
| 65° | 15118 | 11098 | 11339 |
| 70° | 13425 | 8322 | 6717 |
| 75° | 11581 | 4813 | 2883 |
| 80° | 8914 | 1723 | 852 |
| 85° | 5732 | 601 | 601 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 112.2 | 5.0 |
| 10°-20° | 312.2 | 13.9 |
| 20°-30° | 441.6 | 19.7 |
| 30°-40° | 465.3 | 20.8 |
| 40°-50° | 395.5 | 17.7 |
| 50°-60° | 284.8 | 12.7 |
| 60°-70° | 164.3 | 7.3 |
| 70°-80° | 56.2 | 2.5 |
| 80°-90° | 7.7 | 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° | 866.0 | 38.7 |
| 0°-40° | 1331.3 | 59.4 |
| 0°-60° | 2011.6 | 89.8 |
| 0°-90° | 2239.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2239.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1195 | 1195 | 1195 | 1195 | 1195 | |
| 5° | 1213 | 1204 | 1185 | 1164 | 1158 | 116 |
| 15° | 1206 | 1169 | 1101 | 1052 | 1034 | 340 |
| 25° | 1098 | 1041 | 936 | 887 | 874 | 503 |
| 35° | 853 | 803 | 716 | 690 | 691 | 531 |
| 45° | 558 | 533 | 487 | 490 | 508 | 434 |
| 55° | 350 | 322 | 301 | 312 | 322 | 315 |
| 65° | 207 | 178 | 152 | 149 | 155 | 206 |
| 75° | 97 | 73 | 40 | 26 | 24 | 102 |
| 85° | 16 | 10 | 2 | 2 | 2 | 22 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P584022

CATALOG NUMBER: HCC8S20D010MW-HM80520840-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 |
| 2.5° | 1206.1 | 1207.8 | 1206.1 | 1206.1 | 1204.5 | 1202.8 | 1201.3 | 1199.6 | 1196.4 | 1193.1 | 1193.1 |
| 5° | 1212.6 | 1215.8 | 1212.6 | 1212.6 | 1207.8 | 1204.5 | 1201.3 | 1196.4 | 1189.9 | 1185.1 | 1185.1 |
| 7.5° | 1217.5 | 1217.5 | 1217.5 | 1212.6 | 1209.3 | 1204.5 | 1196.4 | 1188.3 | 1180.2 | 1172.1 | 1168.9 |
| 10° | 1217.5 | 1217.5 | 1215.8 | 1209.3 | 1206.1 | 1196.4 | 1188.3 | 1176.9 | 1165.6 | 1154.3 | 1151.0 |
| 12.5° | 1212.6 | 1214.2 | 1211.0 | 1204.5 | 1196.4 | 1185.1 | 1173.7 | 1159.2 | 1146.2 | 1133.3 | 1126.8 |
| 15° | 1206.1 | 1204.5 | 1201.3 | 1193.1 | 1183.4 | 1168.9 | 1157.5 | 1141.3 | 1123.5 | 1107.3 | 1100.9 |
| 17.5° | 1189.9 | 1189.9 | 1185.1 | 1176.9 | 1164.0 | 1147.8 | 1130.0 | 1112.1 | 1092.8 | 1074.9 | 1066.9 |
| 20° | 1168.9 | 1168.9 | 1162.4 | 1152.7 | 1139.7 | 1118.6 | 1099.3 | 1078.2 | 1055.5 | 1037.7 | 1029.6 |
| 22.5° | 1138.1 | 1139.7 | 1131.6 | 1120.3 | 1105.8 | 1081.4 | 1062.0 | 1036.1 | 1013.4 | 992.4 | 985.9 |
| 25° | 1097.6 | 1100.9 | 1092.8 | 1081.4 | 1062.0 | 1041.0 | 1016.6 | 992.4 | 966.5 | 945.5 | 935.8 |
| 27.5° | 1050.7 | 1052.3 | 1044.2 | 1032.8 | 1013.4 | 990.8 | 966.5 | 940.6 | 916.3 | 893.6 | 883.9 |
| 30° | 998.9 | 992.4 | 989.2 | 974.6 | 953.5 | 934.1 | 906.6 | 885.6 | 859.7 | 840.2 | 828.9 |
| 32.5° | 926.0 | 929.3 | 919.6 | 908.2 | 892.1 | 869.4 | 846.7 | 822.4 | 798.1 | 783.5 | 775.5 |
| 35° | 853.2 | 856.4 | 851.5 | 840.2 | 822.4 | 802.9 | 780.4 | 762.5 | 741.5 | 723.6 | 715.6 |
| 37.5° | 777.0 | 777.0 | 773.9 | 767.4 | 754.5 | 736.6 | 713.9 | 696.1 | 678.3 | 663.8 | 658.8 |
| 40° | 701.0 | 697.7 | 696.1 | 691.2 | 680.0 | 663.8 | 649.2 | 634.6 | 616.8 | 607.1 | 600.6 |
| 42.5° | 626.6 | 626.6 | 623.3 | 618.4 | 607.1 | 599.0 | 584.4 | 568.2 | 555.3 | 545.6 | 545.6 |
| 45° | 558.5 | 560.1 | 555.3 | 552.0 | 545.6 | 532.6 | 519.7 | 508.4 | 497.0 | 490.5 | 487.3 |
| 47.5° | 498.7 | 498.7 | 493.7 | 490.5 | 484.0 | 472.7 | 461.3 | 451.6 | 443.6 | 438.8 | 437.1 |
| 50° | 441.9 | 441.9 | 441.9 | 433.9 | 425.8 | 417.7 | 409.6 | 398.2 | 393.4 | 390.2 | 388.5 |
| 52.5° | 393.4 | 391.8 | 391.8 | 385.3 | 377.2 | 367.5 | 359.4 | 349.6 | 344.8 | 341.6 | 343.3 |
| 55° | 349.6 | 349.6 | 348.1 | 339.9 | 331.9 | 322.2 | 314.1 | 306.0 | 302.7 | 299.5 | 301.2 |
| 56° | 331.9 | 331.9 | 330.3 | 323.7 | 314.1 | 306.0 | 296.2 | 288.2 | 283.3 | 285.0 | 285.0 |
| 57° | 318.9 | 315.7 | 315.7 | 307.6 | 299.5 | 288.2 | 280.0 | 272.0 | 268.8 | 267.1 | 267.1 |
| 58° | 302.7 | 301.2 | 299.5 | 291.4 | 283.3 | 273.6 | 265.5 | 257.4 | 252.6 | 252.6 | 250.9 |
| 59° | 286.5 | 286.5 | 283.3 | 276.8 | 268.8 | 259.0 | 250.9 | 242.8 | 237.9 | 236.4 | 236.4 |
| 60° | 272.0 | 273.6 | 268.8 | 262.3 | 255.8 | 244.4 | 234.7 | 228.2 | 223.4 | 221.7 | 221.7 |
| 61° | 259.0 | 259.0 | 255.8 | 247.7 | 239.6 | 231.6 | 221.7 | 213.7 | 210.5 | 207.2 | 207.2 |
| 62° | 247.7 | 244.4 | 242.8 | 234.7 | 226.7 | 216.9 | 208.9 | 200.7 | 195.9 | 192.7 | 194.3 |
| 63° | 233.1 | 231.6 | 228.2 | 221.7 | 213.7 | 204.0 | 194.3 | 187.8 | 183.0 | 178.1 | 179.7 |
| 64° | 221.7 | 220.2 | 215.4 | 208.9 | 200.7 | 191.0 | 181.3 | 174.8 | 171.6 | 166.8 | 165.1 |
| 65° | 207.2 | 205.5 | 204.0 | 195.9 | 187.8 | 178.1 | 170.0 | 163.5 | 158.6 | 155.4 | 152.1 |
| 66° | 194.3 | 195.9 | 192.7 | 186.2 | 176.5 | 168.3 | 157.1 | 150.6 | 147.3 | 142.4 | 139.2 |
| 67° | 183.0 | 183.0 | 179.7 | 173.3 | 163.5 | 155.4 | 147.3 | 139.2 | 134.4 | 129.5 | 127.9 |
| 67.5° | 176.5 | 176.5 | 173.3 | 165.1 | 158.6 | 148.9 | 140.9 | 134.4 | 127.9 | 124.7 | 121.4 |
| 68° | 170.0 | 170.0 | 168.3 | 161.9 | 153.8 | 144.1 | 136.0 | 127.9 | 121.4 | 116.5 | 114.9 |
| 69° | 158.6 | 160.3 | 157.1 | 150.6 | 142.4 | 132.7 | 124.7 | 118.2 | 111.7 | 106.9 | 103.7 |
| 70° | 148.9 | 147.3 | 144.1 | 137.6 | 129.5 | 123.0 | 114.9 | 106.9 | 100.4 | 93.9 | 92.3 |
| 71° | 136.0 | 136.0 | 132.7 | 127.9 | 119.9 | 111.7 | 103.7 | 97.2 | 90.7 | 82.6 | 81.0 |
| 72° | 126.2 | 126.2 | 123.0 | 116.5 | 110.0 | 102.0 | 93.9 | 85.8 | 81.0 | 72.8 | 69.6 |
| 72.5° | 119.9 | 121.4 | 118.2 | 111.7 | 105.2 | 95.5 | 89.0 | 82.6 | 74.5 | 68.0 | 64.8 |
| 73° | 116.5 | 114.9 | 113.4 | 106.9 | 98.7 | 92.3 | 84.2 | 77.7 | 69.6 | 63.1 | 59.9 |



TEST NUMBER: P584022
 CATALOG NUMBER: HCC8S20D010MW-HM80520840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 72.8 | 72.8 | 71.3 | 64.8 | 58.3 | 51.8 | 45.4 | 38.9 | 32.4 | 25.9 | 22.7 |
| 80° | 50.2 | 51.8 | 48.6 | 45.4 | 40.4 | 34.0 | 27.5 | 22.7 | 16.2 | 13.0 | 9.7 |
| 82.5° | 32.4 | 32.4 | 30.7 | 27.5 | 24.2 | 19.4 | 16.2 | 11.3 | 8.0 | 6.5 | 4.8 |
| 85° | 16.2 | 17.8 | 16.2 | 14.5 | 11.3 | 9.7 | 8.0 | 4.8 | 3.2 | 1.7 | 1.7 |
| 87.5° | 6.5 | 6.5 | 6.5 | 4.8 | 4.8 | 3.2 | 1.7 | 1.7 | 1.7 | 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: HCC8S20D010MW-HM80520840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 | 1194.8 |
| 2.5° | 1189.9 | 1189.9 | 1186.6 | 1185.1 | 1183.4 | 1181.8 | 1180.2 | 1178.6 | 1178.6 | 1180.2 |
| 5° | 1180.2 | 1176.9 | 1170.5 | 1168.9 | 1164.0 | 1162.4 | 1159.2 | 1157.5 | 1159.2 | 1157.5 |
| 7.5° | 1165.6 | 1159.2 | 1151.0 | 1147.8 | 1141.3 | 1138.1 | 1133.3 | 1133.3 | 1130.0 | 1131.6 |
| 10° | 1146.2 | 1136.5 | 1126.8 | 1120.3 | 1115.5 | 1110.6 | 1107.3 | 1104.1 | 1102.5 | 1102.5 |
| 12.5° | 1122.0 | 1110.6 | 1100.9 | 1091.1 | 1083.1 | 1079.9 | 1073.4 | 1073.4 | 1070.1 | 1068.5 |
| 15° | 1094.4 | 1079.9 | 1068.5 | 1058.7 | 1052.3 | 1045.8 | 1041.0 | 1037.7 | 1034.5 | 1034.5 |
| 17.5° | 1058.7 | 1045.8 | 1034.5 | 1023.1 | 1013.4 | 1008.6 | 1003.8 | 998.9 | 998.9 | 995.6 |
| 20° | 1019.9 | 1005.3 | 995.6 | 984.3 | 976.2 | 968.1 | 961.7 | 961.7 | 958.4 | 960.0 |
| 22.5° | 976.2 | 958.4 | 948.7 | 940.6 | 932.5 | 926.0 | 919.6 | 919.6 | 917.9 | 916.3 |
| 25° | 927.6 | 913.1 | 901.7 | 892.1 | 887.2 | 880.7 | 879.1 | 875.9 | 874.2 | 874.2 |
| 27.5° | 875.9 | 864.5 | 850.0 | 845.1 | 838.6 | 835.3 | 835.3 | 833.8 | 830.5 | 832.1 |
| 30° | 820.8 | 807.9 | 799.7 | 796.5 | 790.0 | 790.0 | 788.4 | 785.2 | 785.2 | 786.7 |
| 32.5° | 767.4 | 754.5 | 748.0 | 746.3 | 739.8 | 739.8 | 738.3 | 739.8 | 739.8 | 741.5 |
| 35° | 709.1 | 697.7 | 696.1 | 691.2 | 689.7 | 689.7 | 689.7 | 692.9 | 696.1 | 691.2 |
| 37.5° | 654.0 | 646.0 | 641.1 | 639.5 | 641.1 | 641.1 | 642.7 | 647.6 | 646.0 | 644.3 |
| 40° | 597.4 | 590.9 | 587.7 | 587.7 | 590.9 | 594.2 | 594.2 | 599.0 | 600.6 | 599.0 |
| 42.5° | 540.8 | 535.9 | 535.9 | 537.5 | 540.8 | 542.3 | 547.1 | 552.0 | 553.6 | 555.3 |
| 45° | 487.3 | 487.3 | 487.3 | 488.9 | 490.5 | 493.7 | 500.2 | 505.1 | 506.7 | 508.4 |
| 47.5° | 435.4 | 433.9 | 438.8 | 440.3 | 445.3 | 446.8 | 451.6 | 458.1 | 459.8 | 461.3 |
| 50° | 386.9 | 390.2 | 391.8 | 396.7 | 399.9 | 399.9 | 406.4 | 409.6 | 414.4 | 414.4 |
| 52.5° | 341.6 | 346.4 | 348.1 | 352.9 | 354.6 | 356.1 | 359.4 | 364.3 | 367.5 | 367.5 |
| 55° | 301.2 | 302.7 | 306.0 | 307.6 | 312.4 | 314.1 | 317.4 | 318.9 | 323.7 | 322.2 |
| 56° | 283.3 | 286.5 | 288.2 | 291.4 | 294.7 | 296.2 | 299.5 | 301.2 | 304.4 | 306.0 |
| 57° | 267.1 | 268.8 | 273.6 | 275.2 | 278.5 | 278.5 | 280.0 | 285.0 | 285.0 | 286.5 |
| 58° | 250.9 | 254.1 | 255.8 | 257.4 | 260.6 | 262.3 | 265.5 | 267.1 | 268.8 | 267.1 |
| 59° | 236.4 | 237.9 | 239.6 | 239.6 | 242.8 | 242.8 | 247.7 | 250.9 | 252.6 | 252.6 |
| 60° | 221.7 | 221.7 | 223.4 | 225.1 | 228.2 | 229.9 | 229.9 | 233.1 | 233.1 | 233.1 |
| 61° | 207.2 | 207.2 | 208.9 | 210.5 | 212.1 | 212.1 | 215.4 | 215.4 | 216.9 | 218.6 |
| 62° | 194.3 | 192.7 | 192.7 | 194.3 | 194.3 | 197.5 | 199.2 | 200.7 | 202.4 | 200.7 |
| 63° | 179.7 | 178.1 | 178.1 | 178.1 | 178.1 | 181.3 | 181.3 | 183.0 | 186.2 | 184.5 |
| 64° | 163.5 | 163.5 | 163.5 | 163.5 | 165.1 | 165.1 | 168.3 | 170.0 | 171.6 | 173.3 |
| 65° | 152.1 | 148.9 | 147.3 | 147.3 | 148.9 | 150.6 | 152.1 | 153.8 | 155.4 | 155.4 |
| 66° | 139.2 | 136.0 | 134.4 | 134.4 | 134.4 | 134.4 | 137.6 | 137.6 | 140.9 | 140.9 |
| 67° | 124.7 | 121.4 | 119.9 | 118.2 | 118.2 | 118.2 | 123.0 | 121.4 | 121.4 | 121.4 |
| 67.5° | 119.9 | 114.9 | 113.4 | 111.7 | 110.0 | 113.4 | 111.7 | 113.4 | 113.4 | 111.7 |
| 68° | 113.4 | 110.0 | 106.9 | 103.7 | 103.7 | 103.7 | 105.2 | 106.9 | 105.2 | 103.7 |
| 69° | 100.4 | 98.7 | 93.9 | 90.7 | 89.0 | 90.7 | 89.0 | 90.7 | 89.0 | 90.7 |
| 70° | 89.0 | 84.2 | 79.3 | 77.7 | 76.1 | 76.1 | 76.1 | 74.5 | 76.1 | 74.5 |
| 71° | 77.7 | 72.8 | 68.0 | 64.8 | 63.1 | 63.1 | 61.5 | 63.1 | 61.5 | 63.1 |
| 72° | 66.4 | 61.5 | 55.1 | 51.8 | 51.8 | 51.8 | 51.8 | 50.2 | 51.8 | 50.2 |
| 72.5° | 61.5 | 55.1 | 50.2 | 46.9 | 45.4 | 45.4 | 45.4 | 45.4 | 43.7 | 45.4 |
| 73° | 56.6 | 50.2 | 43.7 | 42.1 | 42.1 | 42.1 | 40.4 | 38.9 | 40.4 | 40.4 |



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 CATALOG NUMBER: HCC8S20D010MW-HM80520840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 19.4 | 14.5 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 11.3 | 11.3 |
| 80° | 8.0 | 6.5 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |
| 82.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 85° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 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° | 105.2 | 105.2 | 102.0 | 97.2 | 89.0 | 81.0 | 74.5 | 68.0 | 59.9 | 51.8 | 48.6 |
| 75° | 97.2 | 95.5 | 92.3 | 87.5 | 81.0 | 72.8 | 66.4 | 58.3 | 51.8 | 43.7 | 40.4 |

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| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 46.9 | 38.9 | 35.6 | 32.4 | 32.4 | 32.4 | 30.7 | 30.7 | 30.7 | 32.4 |
| 75° | 37.2 | 30.7 | 27.5 | 24.2 | 25.9 | 24.2 | 25.9 | 24.2 | 24.2 | 24.2 |

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(END OF REPORT)