

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: P583992

Luminaire Tested: **HCC8W20D010SL-HM80520830-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P583992
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: HCC8W20D010SL-HM80520830-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

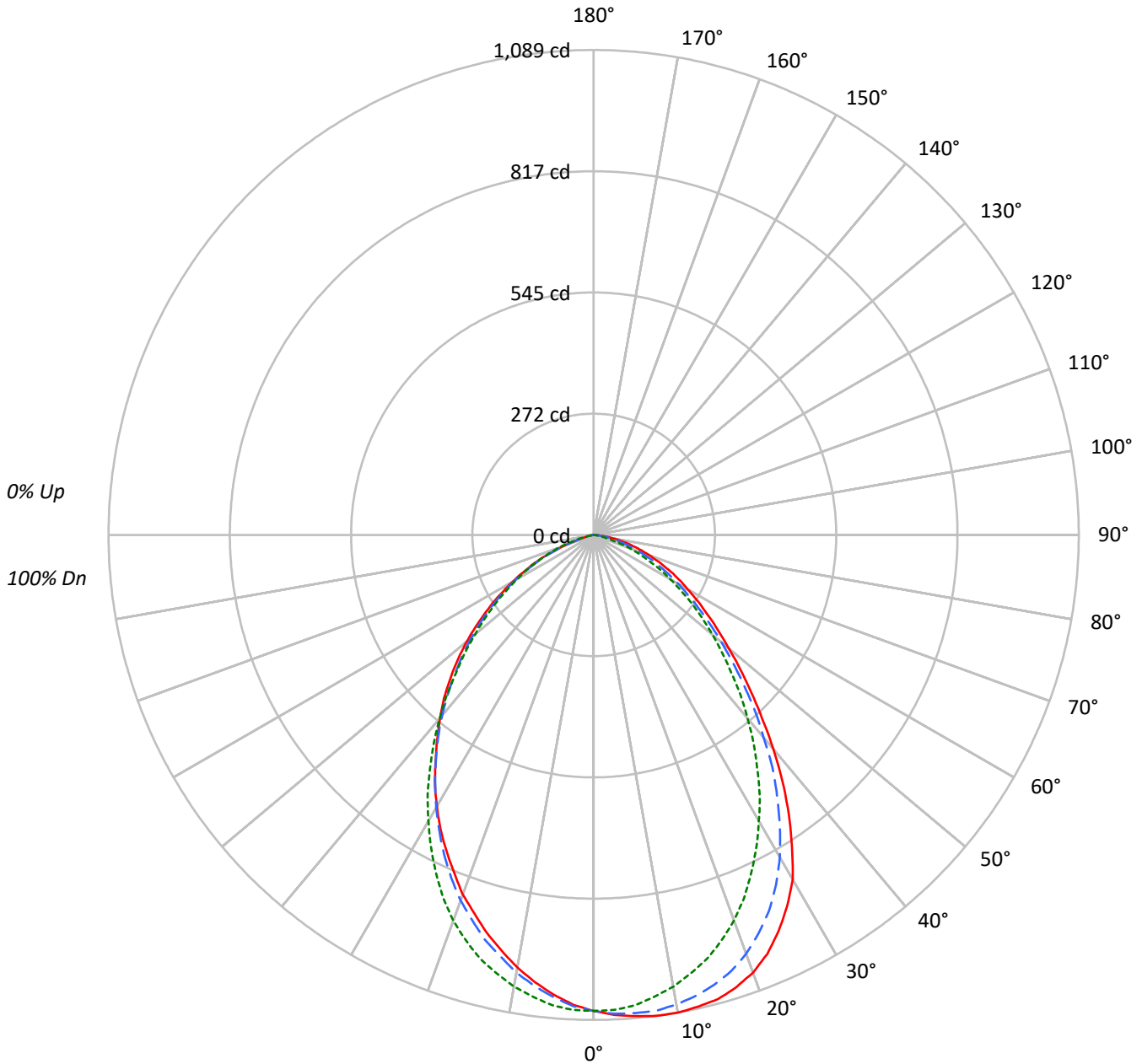
Lumens per Lamp: N/A
Luminaire Lumens: 2003.9 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

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: P583992
CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P583992

CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

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 | 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° | 32961 | 32961 | 32961 |
| 5° | 33579 | 32821 | 32059 |
| 10° | 34105 | 32248 | 30886 |
| 15° | 34446 | 31445 | 29546 |
| 20° | 34315 | 30233 | 28188 |
| 25° | 33412 | 28485 | 26610 |
| 30° | 31822 | 26406 | 25064 |
| 35° | 28734 | 24100 | 23279 |
| 40° | 25247 | 21628 | 21572 |
| 45° | 21791 | 19009 | 19833 |
| 50° | 18968 | 16675 | 17788 |
| 55° | 16822 | 14483 | 15499 |
| 60° | 15011 | 12242 | 12865 |
| 65° | 13535 | 9938 | 10142 |
| 70° | 12009 | 7438 | 6014 |
| 75° | 10353 | 4313 | 2585 |
| 80° | 7973 | 1545 | 781 |
| 85° | 5130 | 495 | 495 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 100.3 | 5.0 |
| 10°-20° | 279.3 | 13.9 |
| 20°-30° | 395.1 | 19.7 |
| 30°-40° | 416.3 | 20.8 |
| 40°-50° | 353.8 | 17.7 |
| 50°-60° | 254.8 | 12.7 |
| 60°-70° | 147.0 | 7.3 |
| 70°-80° | 50.3 | 2.5 |
| 80°-90° | 6.9 | 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° | 774.8 | 38.7 |
| 0°-40° | 1191.1 | 59.4 |
| 0°-60° | 1799.7 | 89.8 |
| 0°-90° | 2003.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2003.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1069 | 1069 | 1069 | 1069 | 1069 | |
| 5° | 1085 | 1078 | 1060 | 1042 | 1036 | 104 |
| 15° | 1079 | 1046 | 985 | 942 | 926 | 304 |
| 25° | 982 | 931 | 837 | 794 | 782 | 450 |
| 35° | 763 | 718 | 640 | 617 | 618 | 475 |
| 45° | 500 | 477 | 436 | 439 | 455 | 388 |
| 55° | 313 | 288 | 269 | 280 | 288 | 282 |
| 65° | 186 | 159 | 136 | 133 | 139 | 184 |
| 75° | 87 | 65 | 36 | 23 | 22 | 92 |
| 85° | 14 | 9 | 1 | 1 | 1 | 20 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P583992

CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 |
| 2.5° | 1079.0 | 1080.5 | 1079.0 | 1079.0 | 1077.6 | 1076.2 | 1074.7 | 1073.3 | 1070.4 | 1067.5 | 1067.5 |
| 5° | 1084.8 | 1087.8 | 1084.8 | 1084.8 | 1080.5 | 1077.6 | 1074.7 | 1070.4 | 1064.6 | 1060.3 | 1060.3 |
| 7.5° | 1089.2 | 1089.2 | 1089.2 | 1084.8 | 1082.0 | 1077.6 | 1070.4 | 1063.1 | 1055.9 | 1048.7 | 1045.7 |
| 10° | 1089.2 | 1089.2 | 1087.8 | 1082.0 | 1079.0 | 1070.4 | 1063.1 | 1053.0 | 1042.9 | 1032.7 | 1029.9 |
| 12.5° | 1084.8 | 1086.3 | 1083.4 | 1077.6 | 1070.4 | 1060.3 | 1050.1 | 1037.1 | 1025.5 | 1013.9 | 1008.1 |
| 15° | 1079.0 | 1077.6 | 1074.7 | 1067.5 | 1058.8 | 1045.7 | 1035.7 | 1021.1 | 1005.2 | 990.8 | 985.0 |
| 17.5° | 1064.6 | 1064.6 | 1060.3 | 1053.0 | 1041.5 | 1026.9 | 1011.0 | 995.0 | 977.6 | 961.8 | 954.5 |
| 20° | 1045.7 | 1045.7 | 1039.9 | 1031.3 | 1019.7 | 1000.9 | 983.4 | 964.6 | 944.4 | 928.5 | 921.3 |
| 22.5° | 1018.3 | 1019.7 | 1012.5 | 1002.3 | 989.2 | 967.6 | 950.2 | 927.0 | 906.7 | 887.9 | 882.1 |
| 25° | 982.0 | 985.0 | 977.6 | 967.6 | 950.2 | 931.3 | 909.7 | 887.9 | 864.8 | 845.8 | 837.2 |
| 27.5° | 940.0 | 941.5 | 934.3 | 924.1 | 906.7 | 886.4 | 864.8 | 841.6 | 819.8 | 799.5 | 790.9 |
| 30° | 893.7 | 887.9 | 885.0 | 872.0 | 853.2 | 835.8 | 811.1 | 792.3 | 769.1 | 751.8 | 741.6 |
| 32.5° | 828.5 | 831.4 | 822.7 | 812.5 | 798.1 | 777.8 | 757.5 | 735.8 | 714.0 | 701.0 | 693.8 |
| 35° | 763.3 | 766.2 | 761.9 | 751.8 | 735.8 | 718.4 | 698.1 | 682.3 | 663.3 | 647.5 | 640.2 |
| 37.5° | 695.3 | 695.3 | 692.3 | 686.5 | 674.9 | 659.1 | 638.8 | 622.8 | 606.8 | 593.8 | 589.5 |
| 40° | 627.2 | 624.2 | 622.8 | 618.4 | 608.4 | 593.8 | 580.8 | 567.8 | 551.9 | 543.1 | 537.3 |
| 42.5° | 560.5 | 560.5 | 557.7 | 553.3 | 543.1 | 535.9 | 522.9 | 508.4 | 496.8 | 488.2 | 488.2 |
| 45° | 499.7 | 501.2 | 496.8 | 494.0 | 488.2 | 476.6 | 465.0 | 454.8 | 444.7 | 438.9 | 435.9 |
| 47.5° | 446.1 | 446.1 | 441.7 | 438.9 | 433.1 | 422.9 | 412.8 | 404.1 | 396.9 | 392.5 | 391.1 |
| 50° | 395.4 | 395.4 | 395.4 | 388.2 | 381.0 | 373.7 | 366.4 | 356.3 | 352.0 | 349.0 | 347.6 |
| 52.5° | 352.0 | 350.5 | 350.5 | 344.7 | 337.5 | 328.8 | 321.5 | 312.9 | 308.5 | 305.7 | 307.1 |
| 55° | 312.9 | 312.9 | 311.5 | 304.1 | 296.9 | 288.3 | 281.0 | 273.8 | 270.8 | 268.0 | 269.4 |
| 56° | 296.9 | 296.9 | 295.5 | 289.7 | 281.0 | 273.8 | 265.0 | 257.8 | 253.4 | 255.0 | 255.0 |
| 57° | 285.3 | 282.5 | 282.5 | 275.2 | 268.0 | 257.8 | 250.6 | 243.4 | 240.4 | 239.0 | 239.0 |
| 58° | 270.8 | 269.4 | 268.0 | 260.7 | 253.4 | 244.8 | 237.6 | 230.3 | 226.0 | 226.0 | 224.5 |
| 59° | 256.4 | 256.4 | 253.4 | 247.6 | 240.4 | 231.8 | 224.5 | 217.3 | 212.9 | 211.5 | 211.5 |
| 60° | 243.4 | 244.8 | 240.4 | 234.6 | 228.8 | 218.7 | 210.0 | 204.2 | 199.9 | 198.5 | 198.5 |
| 61° | 231.8 | 231.8 | 228.8 | 221.6 | 214.4 | 207.1 | 198.5 | 191.2 | 188.3 | 185.5 | 185.5 |
| 62° | 221.6 | 218.7 | 217.3 | 210.0 | 202.8 | 194.1 | 186.9 | 179.5 | 175.3 | 172.3 | 173.8 |
| 63° | 208.6 | 207.1 | 204.2 | 198.5 | 191.2 | 182.5 | 173.8 | 168.0 | 163.7 | 159.3 | 160.8 |
| 64° | 198.5 | 197.0 | 192.7 | 186.9 | 179.5 | 170.9 | 162.2 | 156.4 | 153.5 | 149.2 | 147.8 |
| 65° | 185.5 | 183.9 | 182.5 | 175.3 | 168.0 | 159.3 | 152.1 | 146.3 | 142.0 | 139.0 | 136.2 |
| 66° | 173.8 | 175.3 | 172.3 | 166.5 | 157.9 | 150.6 | 140.5 | 134.7 | 131.8 | 127.4 | 124.6 |
| 67° | 163.7 | 163.7 | 160.8 | 155.0 | 146.3 | 139.0 | 131.8 | 124.6 | 120.2 | 115.8 | 114.4 |
| 67.5° | 157.9 | 157.9 | 155.0 | 147.8 | 142.0 | 133.2 | 126.0 | 120.2 | 114.4 | 111.6 | 108.6 |
| 68° | 152.1 | 152.1 | 150.6 | 144.8 | 137.6 | 129.0 | 121.6 | 114.4 | 108.6 | 104.3 | 102.8 |
| 69° | 142.0 | 143.4 | 140.5 | 134.7 | 127.4 | 118.8 | 111.6 | 105.8 | 100.0 | 95.6 | 92.7 |
| 70° | 133.2 | 131.8 | 129.0 | 123.2 | 115.8 | 110.0 | 102.8 | 95.6 | 89.8 | 84.0 | 82.5 |
| 71° | 121.6 | 121.6 | 118.8 | 114.4 | 107.2 | 100.0 | 92.7 | 86.9 | 81.1 | 73.9 | 72.5 |
| 72° | 113.0 | 113.0 | 110.0 | 104.3 | 98.5 | 91.3 | 84.0 | 76.7 | 72.5 | 65.1 | 62.3 |
| 72.5° | 107.2 | 108.6 | 105.8 | 100.0 | 94.2 | 85.5 | 79.7 | 73.9 | 66.7 | 60.9 | 57.9 |
| 73° | 104.3 | 102.8 | 101.4 | 95.6 | 88.3 | 82.5 | 75.3 | 69.5 | 62.3 | 56.5 | 53.5 |



TEST NUMBER: P583992
 CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 65.1 | 65.1 | 63.7 | 57.9 | 52.1 | 46.3 | 40.5 | 34.8 | 29.0 | 23.2 | 20.3 |
| 80° | 44.9 | 46.3 | 43.5 | 40.5 | 36.2 | 30.4 | 24.6 | 20.3 | 14.5 | 11.6 | 8.7 |
| 82.5° | 29.0 | 29.0 | 27.5 | 24.6 | 21.7 | 17.4 | 14.5 | 10.2 | 7.2 | 5.8 | 4.4 |
| 85° | 14.5 | 16.0 | 14.5 | 13.0 | 10.2 | 8.7 | 7.2 | 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 |



TEST NUMBER: P583992

CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 | 1068.9 |
| 2.5° | 1064.6 | 1064.6 | 1061.7 | 1060.3 | 1058.8 | 1057.3 | 1055.9 | 1054.5 | 1054.5 | 1055.9 |
| 5° | 1055.9 | 1053.0 | 1047.3 | 1045.7 | 1041.5 | 1039.9 | 1037.1 | 1035.7 | 1037.1 | 1035.7 |
| 7.5° | 1042.9 | 1037.1 | 1029.9 | 1026.9 | 1021.1 | 1018.3 | 1013.9 | 1013.9 | 1011.0 | 1012.5 |
| 10° | 1025.5 | 1016.8 | 1008.1 | 1002.3 | 998.0 | 993.6 | 990.8 | 987.8 | 986.4 | 986.4 |
| 12.5° | 1003.8 | 993.6 | 985.0 | 976.2 | 969.0 | 966.0 | 960.3 | 960.3 | 957.4 | 956.0 |
| 15° | 979.2 | 966.0 | 956.0 | 947.3 | 941.5 | 935.7 | 931.3 | 928.5 | 925.5 | 925.5 |
| 17.5° | 947.3 | 935.7 | 925.5 | 915.5 | 906.7 | 902.3 | 898.0 | 893.7 | 893.7 | 890.8 |
| 20° | 912.5 | 899.5 | 890.8 | 880.6 | 873.4 | 866.2 | 860.4 | 860.4 | 857.4 | 859.0 |
| 22.5° | 873.4 | 857.4 | 848.8 | 841.6 | 834.3 | 828.5 | 822.7 | 822.7 | 821.3 | 819.8 |
| 25° | 830.0 | 816.9 | 806.7 | 798.1 | 793.7 | 787.9 | 786.5 | 783.5 | 782.1 | 782.1 |
| 27.5° | 783.5 | 773.5 | 760.4 | 756.1 | 750.3 | 747.4 | 747.4 | 746.0 | 743.0 | 744.5 |
| 30° | 734.4 | 722.8 | 715.5 | 712.6 | 706.8 | 706.8 | 705.4 | 702.5 | 702.5 | 703.9 |
| 32.5° | 686.5 | 674.9 | 669.1 | 667.7 | 661.9 | 661.9 | 660.5 | 661.9 | 661.9 | 663.3 |
| 35° | 634.4 | 624.2 | 622.8 | 618.4 | 617.0 | 617.0 | 617.0 | 620.0 | 622.8 | 618.4 |
| 37.5° | 585.2 | 577.9 | 573.6 | 572.1 | 573.6 | 573.6 | 575.0 | 579.4 | 577.9 | 576.5 |
| 40° | 534.5 | 528.7 | 525.8 | 525.8 | 528.7 | 531.5 | 531.5 | 535.9 | 537.3 | 535.9 |
| 42.5° | 483.8 | 479.4 | 479.4 | 480.8 | 483.8 | 485.2 | 489.6 | 494.0 | 495.4 | 496.8 |
| 45° | 435.9 | 435.9 | 435.9 | 437.5 | 438.9 | 441.7 | 447.5 | 451.9 | 453.4 | 454.8 |
| 47.5° | 389.6 | 388.2 | 392.5 | 394.0 | 398.3 | 399.8 | 404.1 | 409.9 | 411.3 | 412.8 |
| 50° | 346.2 | 349.0 | 350.5 | 354.8 | 357.8 | 357.8 | 363.6 | 366.4 | 370.8 | 370.8 |
| 52.5° | 305.7 | 309.9 | 311.5 | 315.7 | 317.2 | 318.7 | 321.5 | 325.9 | 328.8 | 328.8 |
| 55° | 269.4 | 270.8 | 273.8 | 275.2 | 279.5 | 281.0 | 283.9 | 285.3 | 289.7 | 288.3 |
| 56° | 253.4 | 256.4 | 257.8 | 260.7 | 263.6 | 265.0 | 268.0 | 269.4 | 272.3 | 273.8 |
| 57° | 239.0 | 240.4 | 244.8 | 246.2 | 249.2 | 249.2 | 250.6 | 255.0 | 255.0 | 256.4 |
| 58° | 224.5 | 227.4 | 228.8 | 230.3 | 233.2 | 234.6 | 237.6 | 239.0 | 240.4 | 239.0 |
| 59° | 211.5 | 212.9 | 214.4 | 214.4 | 217.3 | 217.3 | 221.6 | 224.5 | 226.0 | 226.0 |
| 60° | 198.5 | 198.5 | 199.9 | 201.3 | 204.2 | 205.7 | 205.7 | 208.6 | 208.6 | 208.6 |
| 61° | 185.5 | 185.5 | 186.9 | 188.3 | 189.7 | 189.7 | 192.7 | 192.7 | 194.1 | 195.5 |
| 62° | 173.8 | 172.3 | 172.3 | 173.8 | 173.8 | 176.7 | 178.1 | 179.5 | 181.1 | 179.5 |
| 63° | 160.8 | 159.3 | 159.3 | 159.3 | 159.3 | 162.2 | 162.2 | 163.7 | 166.5 | 165.1 |
| 64° | 146.3 | 146.3 | 146.3 | 146.3 | 147.8 | 147.8 | 150.6 | 152.1 | 153.5 | 155.0 |
| 65° | 136.2 | 133.2 | 131.8 | 131.8 | 133.2 | 134.7 | 136.2 | 137.6 | 139.0 | 139.0 |
| 66° | 124.6 | 121.6 | 120.2 | 120.2 | 120.2 | 120.2 | 123.2 | 123.2 | 126.0 | 126.0 |
| 67° | 111.6 | 108.6 | 107.2 | 105.8 | 105.8 | 105.8 | 110.0 | 108.6 | 108.6 | 108.6 |
| 67.5° | 107.2 | 102.8 | 101.4 | 100.0 | 98.5 | 101.4 | 100.0 | 101.4 | 101.4 | 100.0 |
| 68° | 101.4 | 98.5 | 95.6 | 92.7 | 92.7 | 92.7 | 94.2 | 95.6 | 94.2 | 92.7 |
| 69° | 89.8 | 88.3 | 84.0 | 81.1 | 79.7 | 81.1 | 79.7 | 81.1 | 79.7 | 81.1 |
| 70° | 79.7 | 75.3 | 70.9 | 69.5 | 68.1 | 68.1 | 68.1 | 66.7 | 68.1 | 66.7 |
| 71° | 69.5 | 65.1 | 60.9 | 57.9 | 56.5 | 56.5 | 55.1 | 56.5 | 55.1 | 56.5 |
| 72° | 59.3 | 55.1 | 49.3 | 46.3 | 46.3 | 46.3 | 46.3 | 44.9 | 46.3 | 44.9 |
| 72.5° | 55.1 | 49.3 | 44.9 | 42.0 | 40.5 | 40.5 | 40.5 | 40.5 | 39.1 | 40.5 |
| 73° | 50.7 | 44.9 | 39.1 | 37.7 | 37.7 | 37.7 | 36.2 | 34.8 | 36.2 | 36.2 |



TEST NUMBER: P583992

CATALOG NUMBER: HCC8W20D010SL-HM80520830-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 17.4 | 13.0 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 10.2 | 10.2 |
| 80° | 7.2 | 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 |

Classified
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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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Scaled Data Report



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

Scaled Data Report



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

Classified
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| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| 74° | 94.2 | 94.2 | 91.3 | 86.9 | 79.7 | 72.5 | 66.7 | 60.9 | 53.5 | 46.3 | 43.5 |
| 75° | 86.9 | 85.5 | 82.5 | 78.2 | 72.5 | 65.1 | 59.3 | 52.1 | 46.3 | 39.1 | 36.2 |

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| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 42.0 | 34.8 | 31.9 | 29.0 | 29.0 | 29.0 | 27.5 | 27.5 | 27.5 | 29.0 |
| 75° | 33.3 | 27.5 | 24.6 | 21.7 | 23.2 | 21.7 | 23.2 | 21.7 | 21.7 | 21.7 |

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