

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: P584158

Luminaire Tested: **HCC8W25D010MW-HM82555840-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584158
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: HCC8W25D010MW-HM82555840-81RWWH
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

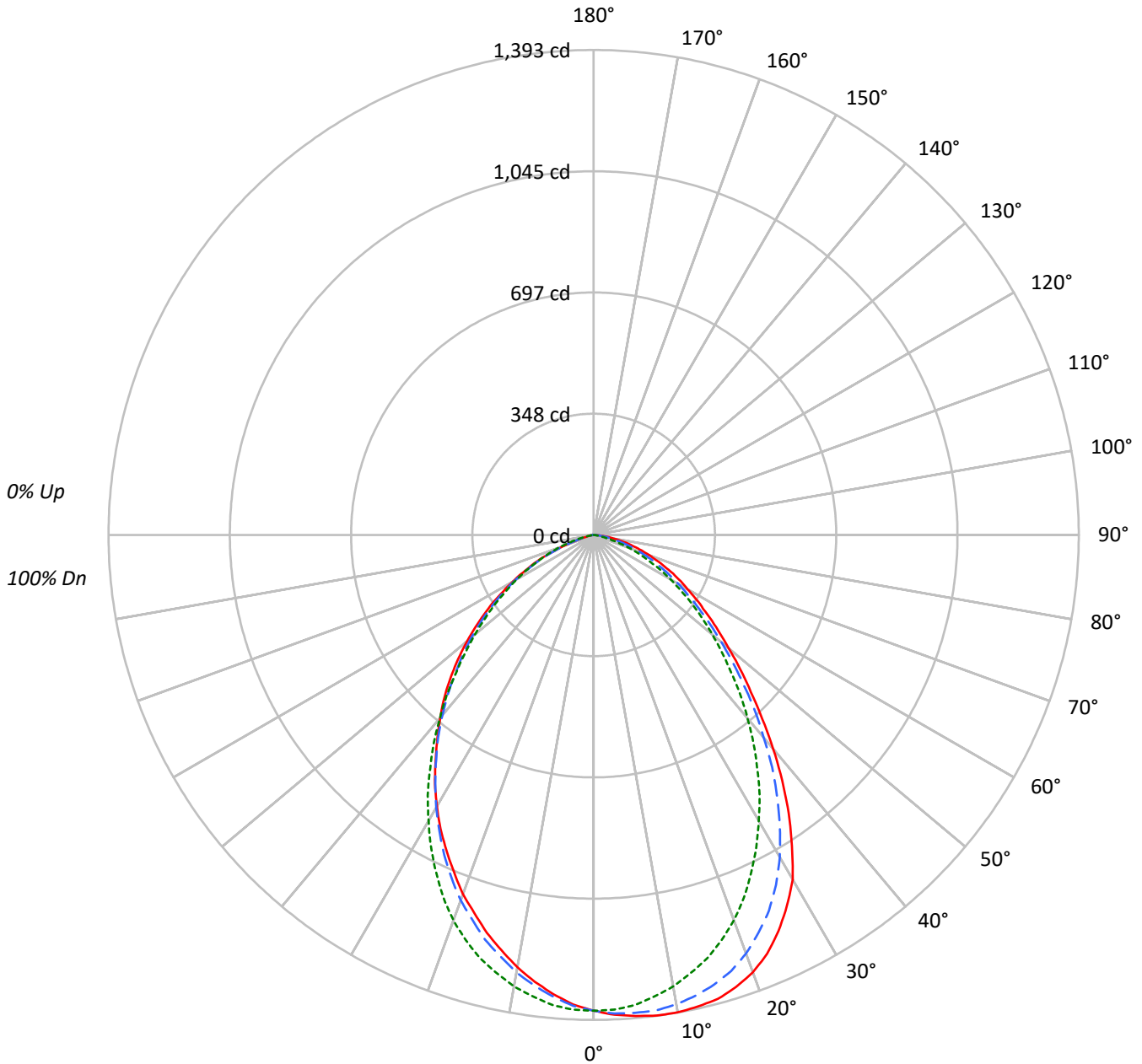
Lumens per Lamp: N/A
Luminaire Lumens: 2562.2 lumens
Efficiency: N/A
Efficacy: 95.6 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 26.8
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: P584158
CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P584158

CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

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° | 42144 | 42144 | 42144 |
| 5° | 42933 | 41961 | 40986 |
| 10° | 43605 | 41229 | 39488 |
| 15° | 44046 | 40202 | 37779 |
| 20° | 43877 | 38653 | 36035 |
| 25° | 42721 | 36419 | 34024 |
| 30° | 40688 | 33762 | 32050 |
| 35° | 36737 | 30816 | 29765 |
| 40° | 32280 | 27654 | 27582 |
| 45° | 27862 | 24312 | 25359 |
| 50° | 24255 | 21324 | 22744 |
| 55° | 21505 | 18515 | 19811 |
| 60° | 19193 | 15646 | 16442 |
| 65° | 17293 | 12703 | 12973 |
| 70° | 15354 | 9521 | 7682 |
| 75° | 13237 | 5516 | 3312 |
| 80° | 10211 | 1971 | 994 |
| 85° | 6545 | 637 | 637 |



TEST NUMBER: P584158

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 128.3 | 5.0 |
| 10°-20° | 357.2 | 13.9 |
| 20°-30° | 505.2 | 19.7 |
| 30°-40° | 532.3 | 20.8 |
| 40°-50° | 452.4 | 17.7 |
| 50°-60° | 325.8 | 12.7 |
| 60°-70° | 187.9 | 7.3 |
| 70°-80° | 64.3 | 2.5 |
| 80°-90° | 8.8 | 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° | 990.6 | 38.7 |
| 0°-40° | 1522.9 | 59.4 |
| 0°-60° | 2301.1 | 89.8 |
| 0°-90° | 2562.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 2562.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1367 | 1367 | 1367 | 1367 | 1367 | |
| 5° | 1387 | 1378 | 1356 | 1332 | 1324 | 133 |
| 15° | 1380 | 1337 | 1259 | 1204 | 1183 | 388 |
| 25° | 1256 | 1191 | 1070 | 1015 | 1000 | 576 |
| 35° | 976 | 919 | 819 | 789 | 791 | 608 |
| 45° | 639 | 609 | 558 | 561 | 582 | 496 |
| 55° | 400 | 368 | 344 | 357 | 368 | 360 |
| 65° | 237 | 204 | 174 | 170 | 178 | 236 |
| 75° | 111 | 83 | 46 | 30 | 28 | 117 |
| 85° | 18 | 11 | 2 | 2 | 2 | 25 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P584158

CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 |
| 2.5° | 1379.7 | 1381.5 | 1379.7 | 1379.7 | 1377.8 | 1376.0 | 1374.1 | 1372.3 | 1368.5 | 1364.9 | 1364.9 |
| 5° | 1387.0 | 1390.8 | 1387.0 | 1387.0 | 1381.5 | 1377.8 | 1374.1 | 1368.5 | 1361.1 | 1355.6 | 1355.6 |
| 7.5° | 1392.6 | 1392.6 | 1392.6 | 1387.0 | 1383.4 | 1377.8 | 1368.5 | 1359.3 | 1350.0 | 1340.8 | 1337.1 |
| 10° | 1392.6 | 1392.6 | 1390.8 | 1383.4 | 1379.7 | 1368.5 | 1359.3 | 1346.4 | 1333.3 | 1320.4 | 1316.7 |
| 12.5° | 1387.0 | 1389.0 | 1385.2 | 1377.8 | 1368.5 | 1355.6 | 1342.6 | 1325.9 | 1311.2 | 1296.3 | 1288.9 |
| 15° | 1379.7 | 1377.8 | 1374.1 | 1364.9 | 1353.8 | 1337.1 | 1324.1 | 1305.6 | 1285.2 | 1266.7 | 1259.3 |
| 17.5° | 1361.1 | 1361.1 | 1355.6 | 1346.4 | 1331.5 | 1313.0 | 1292.7 | 1272.2 | 1250.1 | 1229.6 | 1220.4 |
| 20° | 1337.1 | 1337.1 | 1329.7 | 1318.6 | 1303.8 | 1279.7 | 1257.5 | 1233.4 | 1207.5 | 1187.1 | 1177.9 |
| 22.5° | 1301.9 | 1303.8 | 1294.5 | 1281.5 | 1264.8 | 1237.1 | 1214.9 | 1185.2 | 1159.3 | 1135.3 | 1127.8 |
| 25° | 1255.6 | 1259.3 | 1250.1 | 1237.1 | 1214.9 | 1190.8 | 1163.0 | 1135.3 | 1105.6 | 1081.6 | 1070.4 |
| 27.5° | 1201.9 | 1203.8 | 1194.4 | 1181.5 | 1159.3 | 1133.3 | 1105.6 | 1076.0 | 1048.2 | 1022.3 | 1011.2 |
| 30° | 1142.7 | 1135.3 | 1131.5 | 1114.8 | 1090.8 | 1068.6 | 1037.0 | 1013.0 | 983.3 | 961.2 | 948.2 |
| 32.5° | 1059.3 | 1063.0 | 1051.9 | 1039.0 | 1020.5 | 994.5 | 968.6 | 940.7 | 913.0 | 896.3 | 887.0 |
| 35° | 975.9 | 979.7 | 974.1 | 961.2 | 940.7 | 918.6 | 892.6 | 872.3 | 848.2 | 827.9 | 818.6 |
| 37.5° | 889.0 | 889.0 | 885.2 | 877.8 | 863.0 | 842.6 | 816.7 | 796.3 | 776.0 | 759.3 | 753.7 |
| 40° | 801.9 | 798.2 | 796.3 | 790.7 | 777.8 | 759.3 | 742.6 | 726.0 | 705.6 | 694.4 | 687.0 |
| 42.5° | 716.7 | 716.7 | 712.9 | 707.5 | 694.4 | 685.2 | 668.5 | 650.0 | 635.3 | 624.1 | 624.1 |
| 45° | 638.9 | 640.7 | 635.3 | 631.5 | 624.1 | 609.3 | 594.5 | 581.5 | 568.5 | 561.1 | 557.5 |
| 47.5° | 570.4 | 570.4 | 564.9 | 561.1 | 553.7 | 540.8 | 527.8 | 516.7 | 507.4 | 501.8 | 500.0 |
| 50° | 505.6 | 505.6 | 505.6 | 496.3 | 487.1 | 477.8 | 468.6 | 455.6 | 450.0 | 446.3 | 444.5 |
| 52.5° | 450.0 | 448.1 | 448.1 | 440.7 | 431.5 | 420.4 | 411.1 | 400.0 | 394.5 | 390.8 | 392.6 |
| 55° | 400.0 | 400.0 | 398.1 | 388.9 | 379.6 | 368.5 | 359.3 | 350.0 | 346.4 | 342.6 | 344.4 |
| 56° | 379.6 | 379.6 | 377.8 | 370.4 | 359.3 | 350.0 | 338.9 | 329.7 | 324.1 | 325.9 | 325.9 |
| 57° | 364.9 | 361.1 | 361.1 | 351.8 | 342.6 | 329.7 | 320.4 | 311.2 | 307.4 | 305.6 | 305.6 |
| 58° | 346.4 | 344.4 | 342.6 | 333.3 | 324.1 | 313.0 | 303.7 | 294.5 | 288.9 | 288.9 | 287.1 |
| 59° | 327.7 | 327.7 | 324.1 | 316.7 | 307.4 | 296.3 | 287.1 | 277.8 | 272.2 | 270.4 | 270.4 |
| 60° | 311.2 | 313.0 | 307.4 | 300.0 | 292.6 | 279.6 | 268.6 | 261.1 | 255.5 | 253.7 | 253.7 |
| 61° | 296.3 | 296.3 | 292.6 | 283.3 | 274.1 | 264.8 | 253.7 | 244.5 | 240.8 | 237.0 | 237.0 |
| 62° | 283.3 | 279.6 | 277.8 | 268.6 | 259.3 | 248.1 | 238.9 | 229.6 | 224.1 | 220.4 | 222.2 |
| 63° | 266.6 | 264.8 | 261.1 | 253.7 | 244.5 | 233.4 | 222.2 | 214.9 | 209.3 | 203.7 | 205.5 |
| 64° | 253.7 | 251.9 | 246.3 | 238.9 | 229.6 | 218.5 | 207.4 | 200.0 | 196.3 | 190.8 | 188.9 |
| 65° | 237.0 | 235.2 | 233.4 | 224.1 | 214.9 | 203.7 | 194.4 | 187.0 | 181.5 | 177.8 | 174.1 |
| 66° | 222.2 | 224.1 | 220.4 | 212.9 | 201.9 | 192.6 | 179.7 | 172.3 | 168.5 | 163.0 | 159.2 |
| 67° | 209.3 | 209.3 | 205.5 | 198.2 | 187.0 | 177.8 | 168.5 | 159.2 | 153.8 | 148.2 | 146.3 |
| 67.5° | 201.9 | 201.9 | 198.2 | 188.9 | 181.5 | 170.3 | 161.1 | 153.8 | 146.3 | 142.6 | 138.9 |
| 68° | 194.4 | 194.4 | 192.6 | 185.2 | 175.9 | 164.8 | 155.6 | 146.3 | 138.9 | 133.3 | 131.5 |
| 69° | 181.5 | 183.3 | 179.7 | 172.3 | 163.0 | 151.8 | 142.6 | 135.1 | 127.8 | 122.2 | 118.6 |
| 70° | 170.3 | 168.5 | 164.8 | 157.4 | 148.2 | 140.7 | 131.5 | 122.2 | 114.8 | 107.4 | 105.6 |
| 71° | 155.6 | 155.6 | 151.8 | 146.3 | 137.1 | 127.8 | 118.6 | 111.1 | 103.7 | 94.5 | 92.6 |
| 72° | 144.5 | 144.5 | 140.7 | 133.3 | 125.9 | 116.6 | 107.4 | 98.1 | 92.6 | 83.4 | 79.6 |
| 72.5° | 137.1 | 138.9 | 135.1 | 127.8 | 120.4 | 109.2 | 101.9 | 94.5 | 85.2 | 77.8 | 74.0 |
| 73° | 133.3 | 131.5 | 129.7 | 122.2 | 113.0 | 105.6 | 96.3 | 88.9 | 79.6 | 72.2 | 68.5 |



TEST NUMBER: P584158
 CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 83.4 | 83.4 | 81.5 | 74.0 | 66.7 | 59.3 | 51.9 | 44.4 | 37.0 | 29.6 | 25.9 |
| 80° | 57.5 | 59.3 | 55.5 | 51.9 | 46.3 | 38.8 | 31.5 | 25.9 | 18.5 | 14.8 | 11.1 |
| 82.5° | 37.0 | 37.0 | 35.2 | 31.5 | 27.8 | 22.3 | 18.5 | 12.9 | 9.3 | 7.4 | 5.6 |
| 85° | 18.5 | 20.3 | 18.5 | 16.7 | 12.9 | 11.1 | 9.3 | 5.6 | 3.7 | 1.8 | 1.8 |
| 87.5° | 7.4 | 7.4 | 7.4 | 5.6 | 5.6 | 3.7 | 1.8 | 1.8 | 1.8 | 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: P584158

CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 | 1366.7 |
| 2.5° | 1361.1 | 1361.1 | 1357.4 | 1355.6 | 1353.8 | 1351.9 | 1350.0 | 1348.2 | 1348.2 | 1350.0 |
| 5° | 1350.0 | 1346.4 | 1338.9 | 1337.1 | 1331.5 | 1329.7 | 1325.9 | 1324.1 | 1325.9 | 1324.1 |
| 7.5° | 1333.3 | 1325.9 | 1316.7 | 1313.0 | 1305.6 | 1301.9 | 1296.3 | 1296.3 | 1292.7 | 1294.5 |
| 10° | 1311.2 | 1300.1 | 1288.9 | 1281.5 | 1276.0 | 1270.4 | 1266.7 | 1263.0 | 1261.1 | 1261.1 |
| 12.5° | 1283.4 | 1270.4 | 1259.3 | 1248.2 | 1239.0 | 1235.2 | 1227.8 | 1227.8 | 1224.1 | 1222.3 |
| 15° | 1251.9 | 1235.2 | 1222.3 | 1211.1 | 1203.8 | 1196.4 | 1190.8 | 1187.1 | 1183.4 | 1183.4 |
| 17.5° | 1211.1 | 1196.4 | 1183.4 | 1170.4 | 1159.3 | 1153.8 | 1148.2 | 1142.7 | 1142.7 | 1138.9 |
| 20° | 1166.7 | 1150.0 | 1138.9 | 1126.0 | 1116.8 | 1107.4 | 1100.1 | 1100.1 | 1096.3 | 1098.1 |
| 22.5° | 1116.8 | 1096.3 | 1085.2 | 1076.0 | 1066.7 | 1059.3 | 1051.9 | 1051.9 | 1050.0 | 1048.2 |
| 25° | 1061.1 | 1044.5 | 1031.5 | 1020.5 | 1014.9 | 1007.4 | 1005.6 | 1001.8 | 1000.0 | 1000.0 |
| 27.5° | 1001.8 | 988.9 | 972.3 | 966.7 | 959.3 | 955.6 | 955.6 | 953.7 | 950.1 | 951.9 |
| 30° | 938.9 | 924.2 | 914.8 | 911.1 | 903.7 | 903.7 | 901.9 | 898.2 | 898.2 | 900.1 |
| 32.5° | 877.8 | 863.0 | 855.6 | 853.8 | 846.4 | 846.4 | 844.4 | 846.4 | 846.4 | 848.2 |
| 35° | 811.2 | 798.2 | 796.3 | 790.7 | 788.9 | 788.9 | 788.9 | 792.7 | 796.3 | 790.7 |
| 37.5° | 748.1 | 738.9 | 733.4 | 731.6 | 733.4 | 733.4 | 735.2 | 740.8 | 738.9 | 737.0 |
| 40° | 683.4 | 675.9 | 672.3 | 672.3 | 675.9 | 679.7 | 679.7 | 685.2 | 687.0 | 685.2 |
| 42.5° | 618.6 | 613.0 | 613.0 | 614.8 | 618.6 | 620.4 | 626.0 | 631.5 | 633.3 | 635.3 |
| 45° | 557.5 | 557.5 | 557.5 | 559.3 | 561.1 | 564.9 | 572.2 | 577.8 | 579.6 | 581.5 |
| 47.5° | 498.2 | 496.3 | 501.8 | 503.8 | 509.3 | 511.1 | 516.7 | 524.1 | 525.9 | 527.8 |
| 50° | 442.7 | 446.3 | 448.1 | 453.7 | 457.4 | 457.4 | 464.8 | 468.6 | 474.1 | 474.1 |
| 52.5° | 390.8 | 396.3 | 398.1 | 403.7 | 405.5 | 407.5 | 411.1 | 416.7 | 420.4 | 420.4 |
| 55° | 344.4 | 346.4 | 350.0 | 351.8 | 357.4 | 359.3 | 362.9 | 364.9 | 370.4 | 368.5 |
| 56° | 324.1 | 327.7 | 329.7 | 333.3 | 337.0 | 338.9 | 342.6 | 344.4 | 348.2 | 350.0 |
| 57° | 305.6 | 307.4 | 313.0 | 314.8 | 318.5 | 318.5 | 320.4 | 325.9 | 325.9 | 327.7 |
| 58° | 287.1 | 290.7 | 292.6 | 294.5 | 298.2 | 300.0 | 303.7 | 305.6 | 307.4 | 305.6 |
| 59° | 270.4 | 272.2 | 274.1 | 274.1 | 277.8 | 277.8 | 283.3 | 287.1 | 288.9 | 288.9 |
| 60° | 253.7 | 253.7 | 255.5 | 257.4 | 261.1 | 263.0 | 263.0 | 266.6 | 266.6 | 266.6 |
| 61° | 237.0 | 237.0 | 238.9 | 240.8 | 242.6 | 242.6 | 246.3 | 246.3 | 248.1 | 250.1 |
| 62° | 222.2 | 220.4 | 220.4 | 222.2 | 222.2 | 226.0 | 227.8 | 229.6 | 231.4 | 229.6 |
| 63° | 205.5 | 203.7 | 203.7 | 203.7 | 203.7 | 207.4 | 207.4 | 209.3 | 212.9 | 211.1 |
| 64° | 187.0 | 187.0 | 187.0 | 187.0 | 188.9 | 188.9 | 192.6 | 194.4 | 196.3 | 198.2 |
| 65° | 174.1 | 170.3 | 168.5 | 168.5 | 170.3 | 172.3 | 174.1 | 175.9 | 177.8 | 177.8 |
| 66° | 159.2 | 155.6 | 153.8 | 153.8 | 153.8 | 153.8 | 157.4 | 157.4 | 161.1 | 161.1 |
| 67° | 142.6 | 138.9 | 137.1 | 135.1 | 135.1 | 135.1 | 140.7 | 138.9 | 138.9 | 138.9 |
| 67.5° | 137.1 | 131.5 | 129.7 | 127.8 | 125.9 | 129.7 | 127.8 | 129.7 | 129.7 | 127.8 |
| 68° | 129.7 | 125.9 | 122.2 | 118.6 | 118.6 | 118.6 | 120.4 | 122.2 | 120.4 | 118.6 |
| 69° | 114.8 | 113.0 | 107.4 | 103.7 | 101.9 | 103.7 | 101.9 | 103.7 | 101.9 | 103.7 |
| 70° | 101.9 | 96.3 | 90.7 | 88.9 | 87.0 | 87.0 | 87.0 | 85.2 | 87.0 | 85.2 |
| 71° | 88.9 | 83.4 | 77.8 | 74.0 | 72.2 | 72.2 | 70.4 | 72.2 | 70.4 | 72.2 |
| 72° | 76.0 | 70.4 | 62.9 | 59.3 | 59.3 | 59.3 | 59.3 | 57.5 | 59.3 | 57.5 |
| 72.5° | 70.4 | 62.9 | 57.5 | 53.7 | 51.9 | 51.9 | 51.9 | 51.9 | 50.0 | 51.9 |
| 73° | 64.8 | 57.5 | 50.0 | 48.2 | 48.2 | 48.2 | 46.3 | 44.4 | 46.3 | 46.3 |



TEST NUMBER: P584158
CATALOG NUMBER: HCC8W25D010MW-HM82555840-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 22.3 | 16.7 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 12.9 | 12.9 |
| 80° | 9.3 | 7.4 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 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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— 0°-180° - - 45°-225° - - - - 90°-270°

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| | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| 74° | 120.4 | 120.4 | 116.6 | 111.1 | 101.9 | 92.6 | 85.2 | 77.8 | 68.5 | 59.3 | 55.5 |
| 75° | 111.1 | 109.2 | 105.6 | 100.0 | 92.6 | 83.4 | 76.0 | 66.7 | 59.3 | 50.0 | 46.3 |

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| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 53.7 | 44.4 | 40.8 | 37.0 | 37.0 | 37.0 | 35.2 | 35.2 | 35.2 | 37.0 |
| 75° | 42.6 | 35.2 | 31.5 | 27.8 | 29.6 | 27.8 | 29.6 | 27.8 | 27.8 | 27.8 |

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(END OF REPORT)