

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: P584362

Luminaire Tested: **HCC8W30D010MW-HM82555940-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584362
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: HCC8W30D010MW-HM82555940-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 4000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

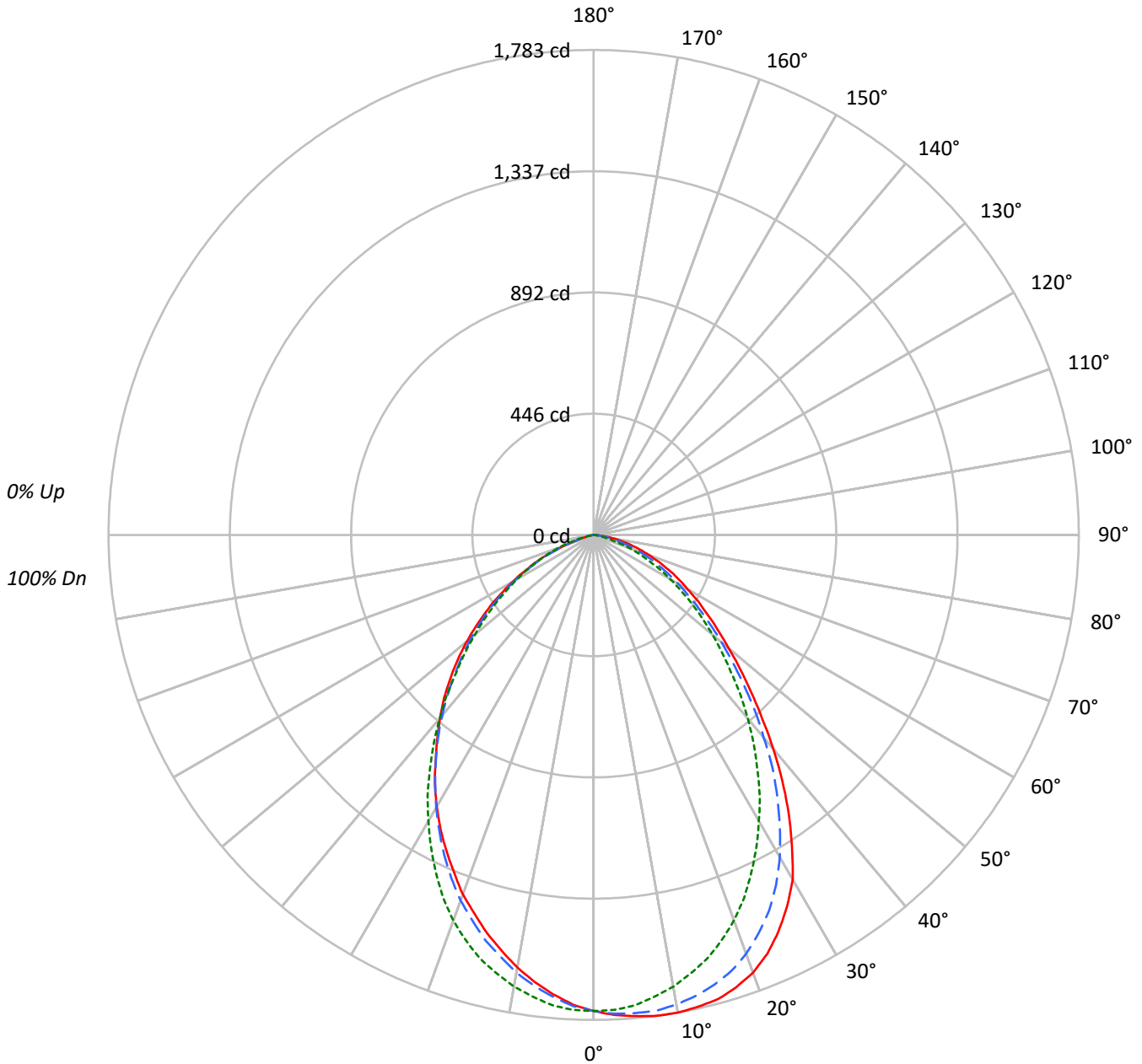
Lumens per Lamp: N/A
Luminaire Lumens: 3281.1 lumens
Efficiency: N/A
Efficacy: 117.2 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 28
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: P584362
CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P584362

CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

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° | 53970 | 53970 | 53970 |
| 5° | 54981 | 53733 | 52486 |
| 10° | 55842 | 52795 | 50569 |
| 15° | 56407 | 51481 | 48378 |
| 20° | 56190 | 49492 | 46148 |
| 25° | 54707 | 46640 | 43575 |
| 30° | 52103 | 43234 | 41040 |
| 35° | 47048 | 39459 | 38122 |
| 40° | 41337 | 35419 | 35323 |
| 45° | 35681 | 31133 | 32476 |
| 50° | 31058 | 27306 | 29124 |
| 55° | 27537 | 23714 | 25370 |
| 60° | 24570 | 20044 | 21061 |
| 65° | 22152 | 16264 | 16614 |
| 70° | 19673 | 12190 | 9845 |
| 75° | 16954 | 7065 | 4241 |
| 80° | 13052 | 2539 | 1261 |
| 85° | 8385 | 849 | 849 |



TEST NUMBER: P584362

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 164.3 | 5.0 |
| 10°-20° | 457.4 | 13.9 |
| 20°-30° | 646.9 | 19.7 |
| 30°-40° | 681.7 | 20.8 |
| 40°-50° | 579.3 | 17.7 |
| 50°-60° | 417.2 | 12.7 |
| 60°-70° | 240.6 | 7.3 |
| 70°-80° | 82.3 | 2.5 |
| 80°-90° | 11.3 | 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° | 1268.6 | 38.7 |
| 0°-40° | 1950.3 | 59.4 |
| 0°-60° | 2946.8 | 89.8 |
| 0°-90° | 3281.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3281.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1750 | 1750 | 1750 | 1750 | 1750 | |
| 5° | 1776 | 1764 | 1736 | 1705 | 1696 | 170 |
| 15° | 1767 | 1712 | 1613 | 1542 | 1515 | 497 |
| 25° | 1608 | 1525 | 1371 | 1300 | 1281 | 737 |
| 35° | 1250 | 1176 | 1048 | 1010 | 1013 | 778 |
| 45° | 818 | 780 | 714 | 719 | 745 | 636 |
| 55° | 512 | 472 | 441 | 458 | 472 | 461 |
| 65° | 304 | 261 | 223 | 218 | 228 | 302 |
| 75° | 142 | 107 | 59 | 38 | 36 | 150 |
| 85° | 24 | 14 | 2 | 2 | 2 | 32 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P584362

CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 |
| 2.5° | 1766.9 | 1769.2 | 1766.9 | 1766.9 | 1764.5 | 1762.1 | 1759.7 | 1757.3 | 1752.6 | 1747.8 | 1747.8 |
| 5° | 1776.2 | 1781.0 | 1776.2 | 1776.2 | 1769.2 | 1764.5 | 1759.7 | 1752.6 | 1743.1 | 1735.9 | 1735.9 |
| 7.5° | 1783.4 | 1783.4 | 1783.4 | 1776.2 | 1771.5 | 1764.5 | 1752.6 | 1740.7 | 1728.8 | 1717.0 | 1712.3 |
| 10° | 1783.4 | 1783.4 | 1781.0 | 1771.5 | 1766.9 | 1752.6 | 1740.7 | 1724.2 | 1707.5 | 1690.9 | 1686.1 |
| 12.5° | 1776.2 | 1778.6 | 1773.9 | 1764.5 | 1752.6 | 1735.9 | 1719.4 | 1698.0 | 1679.1 | 1660.1 | 1650.6 |
| 15° | 1766.9 | 1764.5 | 1759.7 | 1747.8 | 1733.6 | 1712.3 | 1695.6 | 1672.0 | 1645.8 | 1622.2 | 1612.6 |
| 17.5° | 1743.1 | 1743.1 | 1735.9 | 1724.2 | 1705.1 | 1681.5 | 1655.3 | 1629.3 | 1600.8 | 1574.7 | 1562.8 |
| 20° | 1712.3 | 1712.3 | 1702.8 | 1688.5 | 1669.6 | 1638.8 | 1610.3 | 1579.5 | 1546.3 | 1520.1 | 1508.2 |
| 22.5° | 1667.2 | 1669.6 | 1657.7 | 1641.1 | 1619.8 | 1584.2 | 1555.7 | 1517.8 | 1484.6 | 1453.8 | 1444.3 |
| 25° | 1607.9 | 1612.6 | 1600.8 | 1584.2 | 1555.7 | 1524.9 | 1489.3 | 1453.8 | 1415.9 | 1384.9 | 1370.8 |
| 27.5° | 1539.2 | 1541.5 | 1529.6 | 1513.0 | 1484.6 | 1451.4 | 1415.9 | 1377.8 | 1342.3 | 1309.1 | 1294.8 |
| 30° | 1463.3 | 1453.8 | 1449.0 | 1427.6 | 1396.8 | 1368.4 | 1328.1 | 1297.2 | 1259.3 | 1230.9 | 1214.2 |
| 32.5° | 1356.5 | 1361.3 | 1347.0 | 1330.5 | 1306.7 | 1273.5 | 1240.4 | 1204.7 | 1169.1 | 1147.9 | 1136.0 |
| 35° | 1249.8 | 1254.5 | 1247.4 | 1230.9 | 1204.7 | 1176.3 | 1143.1 | 1116.9 | 1086.2 | 1060.1 | 1048.2 |
| 37.5° | 1138.3 | 1138.3 | 1133.6 | 1124.1 | 1105.2 | 1079.0 | 1045.8 | 1019.8 | 993.6 | 972.4 | 965.2 |
| 40° | 1026.9 | 1022.2 | 1019.8 | 1012.7 | 996.0 | 972.4 | 951.0 | 929.7 | 903.5 | 889.4 | 879.9 |
| 42.5° | 917.8 | 917.8 | 913.0 | 905.9 | 889.4 | 877.5 | 856.1 | 832.4 | 813.4 | 799.2 | 799.2 |
| 45° | 818.2 | 820.5 | 813.4 | 808.6 | 799.2 | 780.2 | 761.3 | 744.7 | 728.0 | 718.6 | 713.9 |
| 47.5° | 730.4 | 730.4 | 723.3 | 718.6 | 709.1 | 692.5 | 675.9 | 661.7 | 649.8 | 642.7 | 640.3 |
| 50° | 647.4 | 647.4 | 647.4 | 635.5 | 623.7 | 611.9 | 600.0 | 583.4 | 576.3 | 571.6 | 569.2 |
| 52.5° | 576.3 | 573.9 | 573.9 | 564.4 | 552.5 | 538.4 | 526.5 | 512.2 | 505.1 | 500.5 | 502.7 |
| 55° | 512.2 | 512.2 | 509.8 | 498.1 | 486.2 | 471.9 | 460.0 | 448.3 | 443.5 | 438.7 | 441.1 |
| 56° | 486.2 | 486.2 | 483.8 | 474.3 | 460.0 | 448.3 | 434.0 | 422.1 | 415.1 | 417.3 | 417.3 |
| 57° | 467.2 | 462.4 | 462.4 | 450.6 | 438.7 | 422.1 | 410.3 | 398.4 | 393.7 | 391.3 | 391.3 |
| 58° | 443.5 | 441.1 | 438.7 | 426.9 | 415.1 | 400.8 | 388.9 | 377.0 | 370.0 | 370.0 | 367.6 |
| 59° | 419.7 | 419.7 | 415.1 | 405.6 | 393.7 | 379.4 | 367.6 | 355.7 | 348.6 | 346.2 | 346.2 |
| 60° | 398.4 | 400.8 | 393.7 | 384.2 | 374.7 | 358.1 | 343.9 | 334.3 | 327.3 | 325.0 | 325.0 |
| 61° | 379.4 | 379.4 | 374.7 | 362.9 | 351.0 | 339.1 | 325.0 | 313.1 | 308.3 | 303.6 | 303.6 |
| 62° | 362.9 | 358.1 | 355.7 | 343.9 | 332.0 | 317.8 | 305.9 | 294.0 | 286.9 | 282.3 | 284.5 |
| 63° | 341.5 | 339.1 | 334.3 | 325.0 | 313.1 | 298.8 | 284.5 | 275.1 | 268.0 | 260.9 | 263.2 |
| 64° | 325.0 | 322.6 | 315.4 | 305.9 | 294.0 | 279.9 | 265.6 | 256.1 | 251.4 | 244.2 | 241.8 |
| 65° | 303.6 | 301.2 | 298.8 | 286.9 | 275.1 | 260.9 | 249.0 | 239.6 | 232.4 | 227.7 | 222.9 |
| 66° | 284.5 | 286.9 | 282.3 | 272.8 | 258.5 | 246.6 | 230.1 | 220.6 | 215.8 | 208.7 | 203.9 |
| 67° | 268.0 | 268.0 | 263.2 | 253.7 | 239.6 | 227.7 | 215.8 | 203.9 | 196.8 | 189.8 | 187.4 |
| 67.5° | 258.5 | 258.5 | 253.7 | 241.8 | 232.4 | 218.2 | 206.3 | 196.8 | 187.4 | 182.6 | 177.9 |
| 68° | 249.0 | 249.0 | 246.6 | 237.2 | 225.3 | 211.0 | 199.2 | 187.4 | 177.9 | 170.7 | 168.4 |
| 69° | 232.4 | 234.8 | 230.1 | 220.6 | 208.7 | 194.5 | 182.6 | 173.1 | 163.6 | 156.5 | 151.8 |
| 70° | 218.2 | 215.8 | 211.0 | 201.5 | 189.8 | 180.3 | 168.4 | 156.5 | 147.1 | 137.6 | 135.2 |
| 71° | 199.2 | 199.2 | 194.5 | 187.4 | 175.5 | 163.6 | 151.8 | 142.3 | 132.8 | 120.9 | 118.5 |
| 72° | 185.0 | 185.0 | 180.3 | 170.7 | 161.2 | 149.5 | 137.6 | 125.7 | 118.5 | 106.8 | 102.0 |
| 72.5° | 175.5 | 177.9 | 173.1 | 163.6 | 154.1 | 139.9 | 130.4 | 120.9 | 109.2 | 99.6 | 94.9 |
| 73° | 170.7 | 168.4 | 166.0 | 156.5 | 144.7 | 135.2 | 123.3 | 113.8 | 102.0 | 92.5 | 87.7 |



TEST NUMBER: P584362
 CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 77.5° | 106.8 | 106.8 | 104.4 | 94.9 | 85.4 | 75.9 | 66.3 | 57.0 | 47.4 | 37.9 | 33.2 |
| 80° | 73.5 | 75.9 | 71.1 | 66.3 | 59.3 | 49.8 | 40.3 | 33.2 | 23.7 | 19.0 | 14.3 |
| 82.5° | 47.4 | 47.4 | 45.1 | 40.3 | 35.6 | 28.4 | 23.7 | 16.6 | 11.9 | 9.5 | 7.1 |
| 85° | 23.7 | 26.0 | 23.7 | 21.4 | 16.6 | 14.3 | 11.9 | 7.1 | 4.8 | 2.4 | 2.4 |
| 87.5° | 9.5 | 9.5 | 9.5 | 7.1 | 7.1 | 4.8 | 2.4 | 2.4 | 2.4 | 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: P584362

CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 | 1750.2 |
| 2.5° | 1743.1 | 1743.1 | 1738.3 | 1735.9 | 1733.6 | 1731.2 | 1728.8 | 1726.4 | 1726.4 | 1728.8 |
| 5° | 1728.8 | 1724.2 | 1714.7 | 1712.3 | 1705.1 | 1702.8 | 1698.0 | 1695.6 | 1698.0 | 1695.6 |
| 7.5° | 1707.5 | 1698.0 | 1686.1 | 1681.5 | 1672.0 | 1667.2 | 1660.1 | 1660.1 | 1655.3 | 1657.7 |
| 10° | 1679.1 | 1664.8 | 1650.6 | 1641.1 | 1634.0 | 1626.9 | 1622.2 | 1617.4 | 1615.0 | 1615.0 |
| 12.5° | 1643.4 | 1626.9 | 1612.6 | 1598.4 | 1586.6 | 1581.8 | 1572.3 | 1572.3 | 1567.6 | 1565.2 |
| 15° | 1603.1 | 1581.8 | 1565.2 | 1551.1 | 1541.5 | 1532.0 | 1524.9 | 1520.1 | 1515.4 | 1515.4 |
| 17.5° | 1551.1 | 1532.0 | 1515.4 | 1498.9 | 1484.6 | 1477.5 | 1470.3 | 1463.3 | 1463.3 | 1458.5 |
| 20° | 1494.1 | 1472.7 | 1458.5 | 1441.9 | 1430.0 | 1418.2 | 1408.7 | 1408.7 | 1404.0 | 1406.3 |
| 22.5° | 1430.0 | 1404.0 | 1389.7 | 1377.8 | 1366.0 | 1356.5 | 1347.0 | 1347.0 | 1344.6 | 1342.3 |
| 25° | 1358.9 | 1337.5 | 1321.0 | 1306.7 | 1299.6 | 1290.1 | 1287.8 | 1283.0 | 1280.7 | 1280.7 |
| 27.5° | 1283.0 | 1266.4 | 1245.1 | 1238.0 | 1228.5 | 1223.7 | 1223.7 | 1221.3 | 1216.6 | 1219.0 |
| 30° | 1202.3 | 1183.4 | 1171.5 | 1166.8 | 1157.4 | 1157.4 | 1155.0 | 1150.2 | 1150.2 | 1152.6 |
| 32.5° | 1124.1 | 1105.2 | 1095.7 | 1093.3 | 1083.8 | 1083.8 | 1081.4 | 1083.8 | 1083.8 | 1086.2 |
| 35° | 1038.7 | 1022.2 | 1019.8 | 1012.7 | 1010.3 | 1010.3 | 1010.3 | 1015.0 | 1019.8 | 1012.7 |
| 37.5° | 958.1 | 946.2 | 939.2 | 936.8 | 939.2 | 939.2 | 941.5 | 948.6 | 946.2 | 943.8 |
| 40° | 875.1 | 865.6 | 860.8 | 860.8 | 865.6 | 870.3 | 870.3 | 877.5 | 879.9 | 877.5 |
| 42.5° | 792.1 | 785.0 | 785.0 | 787.4 | 792.1 | 794.5 | 801.6 | 808.6 | 811.0 | 813.4 |
| 45° | 713.9 | 713.9 | 713.9 | 716.3 | 718.6 | 723.3 | 732.8 | 739.9 | 742.3 | 744.7 |
| 47.5° | 637.9 | 635.5 | 642.7 | 645.0 | 652.2 | 654.5 | 661.7 | 671.2 | 673.6 | 675.9 |
| 50° | 566.8 | 571.6 | 573.9 | 581.1 | 585.8 | 585.8 | 595.2 | 600.0 | 607.1 | 607.1 |
| 52.5° | 500.5 | 507.5 | 509.8 | 517.0 | 519.4 | 521.7 | 526.5 | 533.6 | 538.4 | 538.4 |
| 55° | 441.1 | 443.5 | 448.3 | 450.6 | 457.8 | 460.0 | 464.8 | 467.2 | 474.3 | 471.9 |
| 56° | 415.1 | 419.7 | 422.1 | 426.9 | 431.6 | 434.0 | 438.7 | 441.1 | 445.9 | 448.3 |
| 57° | 391.3 | 393.7 | 400.8 | 403.2 | 407.9 | 407.9 | 410.3 | 417.3 | 417.3 | 419.7 |
| 58° | 367.6 | 372.3 | 374.7 | 377.0 | 381.8 | 384.2 | 388.9 | 391.3 | 393.7 | 391.3 |
| 59° | 346.2 | 348.6 | 351.0 | 351.0 | 355.7 | 355.7 | 362.9 | 367.6 | 370.0 | 370.0 |
| 60° | 325.0 | 325.0 | 327.3 | 329.6 | 334.3 | 336.7 | 336.7 | 341.5 | 341.5 | 341.5 |
| 61° | 303.6 | 303.6 | 305.9 | 308.3 | 310.7 | 310.7 | 315.4 | 315.4 | 317.8 | 320.2 |
| 62° | 284.5 | 282.3 | 282.3 | 284.5 | 284.5 | 289.3 | 291.7 | 294.0 | 296.4 | 294.0 |
| 63° | 263.2 | 260.9 | 260.9 | 260.9 | 260.9 | 265.6 | 265.6 | 268.0 | 272.8 | 270.4 |
| 64° | 239.6 | 239.6 | 239.6 | 239.6 | 241.8 | 241.8 | 246.6 | 249.0 | 251.4 | 253.7 |
| 65° | 222.9 | 218.2 | 215.8 | 215.8 | 218.2 | 220.6 | 222.9 | 225.3 | 227.7 | 227.7 |
| 66° | 203.9 | 199.2 | 196.8 | 196.8 | 196.8 | 196.8 | 201.5 | 201.5 | 206.3 | 206.3 |
| 67° | 182.6 | 177.9 | 175.5 | 173.1 | 173.1 | 173.1 | 180.3 | 177.9 | 177.9 | 177.9 |
| 67.5° | 175.5 | 168.4 | 166.0 | 163.6 | 161.2 | 166.0 | 163.6 | 166.0 | 166.0 | 163.6 |
| 68° | 166.0 | 161.2 | 156.5 | 151.8 | 151.8 | 151.8 | 154.1 | 156.5 | 154.1 | 151.8 |
| 69° | 147.1 | 144.7 | 137.6 | 132.8 | 130.4 | 132.8 | 130.4 | 132.8 | 130.4 | 132.8 |
| 70° | 130.4 | 123.3 | 116.2 | 113.8 | 111.4 | 111.4 | 111.4 | 109.2 | 111.4 | 109.2 |
| 71° | 113.8 | 106.8 | 99.6 | 94.9 | 92.5 | 92.5 | 90.1 | 92.5 | 90.1 | 92.5 |
| 72° | 97.3 | 90.1 | 80.6 | 75.9 | 75.9 | 75.9 | 75.9 | 73.5 | 75.9 | 73.5 |
| 72.5° | 90.1 | 80.6 | 73.5 | 68.7 | 66.3 | 66.3 | 66.3 | 66.3 | 64.1 | 66.3 |
| 73° | 83.0 | 73.5 | 64.1 | 61.7 | 61.7 | 61.7 | 59.3 | 57.0 | 59.3 | 59.3 |



TEST NUMBER: P584362
CATALOG NUMBER: HCC8W30D010MW-HM82555940-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 28.4 | 21.4 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 16.6 | 16.6 |
| 80° | 11.9 | 9.5 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 82.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |
| 85° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 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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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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Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



| | | | | | | | | | | | |
|-----|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| 74° | 154.1 | 154.1 | 149.5 | 142.3 | 130.4 | 118.5 | 109.2 | 99.6 | 87.7 | 75.9 | 71.1 |
| 75° | 142.3 | 139.9 | 135.2 | 128.1 | 118.5 | 106.8 | 97.3 | 85.4 | 75.9 | 64.1 | 59.3 |

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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 68.7 | 57.0 | 52.2 | 47.4 | 47.4 | 47.4 | 45.1 | 45.1 | 45.1 | 47.4 |
| 75° | 54.6 | 45.1 | 40.3 | 35.6 | 37.9 | 35.6 | 37.9 | 35.6 | 35.6 | 35.6 |

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