

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: P585127

Luminaire Tested: **HCC8S60D010MB-HM86080927-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P585127
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: HCC8S60D010MB-HM86080927-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

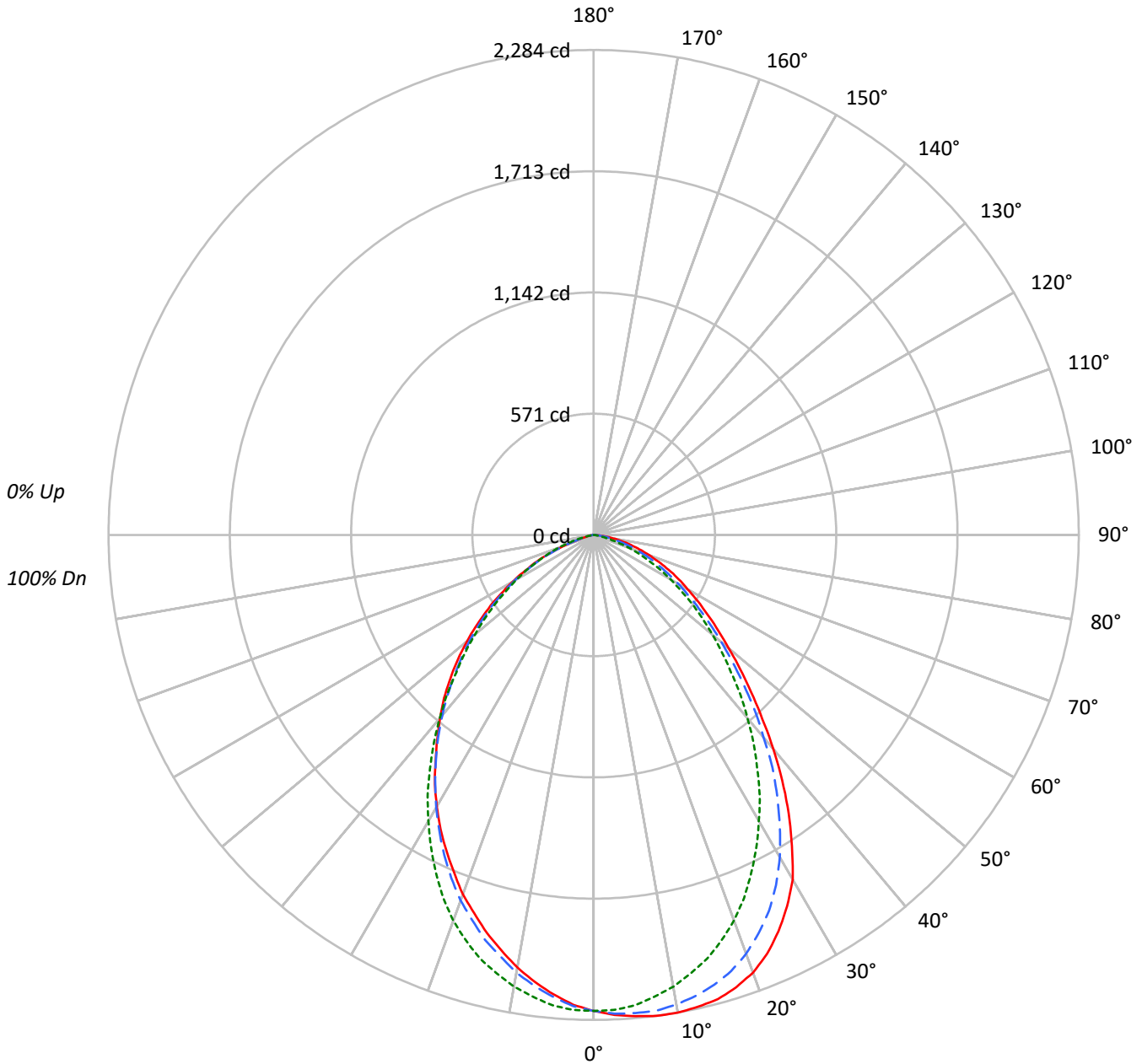
Lumens per Lamp: N/A
Luminaire Lumens: 4202.8 lumens
Efficiency: N/A
Efficacy: 75.1 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 56
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: P585127
CATALOG NUMBER: HCC8S60D010MB-HM86080927-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P585127

CATALOG NUMBER: HCC8S60D010MB-HM86080927-81RWWH

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° | 69132 | 69132 | 69132 |
| 5° | 70430 | 68830 | 67232 |
| 10° | 71529 | 67631 | 64775 |
| 15° | 72251 | 65946 | 61971 |
| 20° | 71974 | 63402 | 59114 |
| 25° | 70076 | 59740 | 55813 |
| 30° | 66738 | 55383 | 52570 |
| 35° | 60265 | 50545 | 48828 |
| 40° | 52946 | 45366 | 45245 |
| 45° | 45707 | 39876 | 41599 |
| 50° | 39784 | 34977 | 37304 |
| 55° | 35278 | 30381 | 32499 |
| 60° | 31478 | 25662 | 26982 |
| 65° | 28369 | 20839 | 21277 |
| 70° | 25200 | 15607 | 12604 |
| 75° | 21708 | 9043 | 5433 |
| 80° | 16710 | 3232 | 1616 |
| 85° | 10720 | 1061 | 1061 |



TEST NUMBER: P585127
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 210.5 | 5.0 |
| 10°-20° | 585.9 | 13.9 |
| 20°-30° | 828.6 | 19.7 |
| 30°-40° | 873.2 | 20.8 |
| 40°-50° | 742.1 | 17.7 |
| 50°-60° | 534.4 | 12.7 |
| 60°-70° | 308.3 | 7.3 |
| 70°-80° | 105.5 | 2.5 |
| 80°-90° | 14.5 | 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° | 1625.0 | 38.7 |
| 0°-40° | 2498.1 | 59.4 |
| 0°-60° | 3774.6 | 89.8 |
| 0°-90° | 4202.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 4202.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 2242 | 2242 | 2242 | 2242 | 2242 | |
| 5° | 2275 | 2260 | 2224 | 2184 | 2172 | 217 |
| 15° | 2263 | 2193 | 2066 | 1975 | 1941 | 637 |
| 25° | 2060 | 1953 | 1756 | 1665 | 1640 | 945 |
| 35° | 1601 | 1507 | 1343 | 1294 | 1297 | 997 |
| 45° | 1048 | 999 | 914 | 920 | 954 | 814 |
| 55° | 656 | 604 | 565 | 586 | 604 | 590 |
| 65° | 389 | 334 | 286 | 280 | 292 | 387 |
| 75° | 182 | 137 | 76 | 49 | 46 | 192 |
| 85° | 30 | 18 | 3 | 3 | 3 | 41 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P585127

CATALOG NUMBER: HCC8S60D010MB-HM86080927-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 |
| 2.5° | 2263.2 | 2266.2 | 2263.2 | 2263.2 | 2260.1 | 2257.1 | 2254.1 | 2251.0 | 2245.0 | 2238.9 | 2238.9 |
| 5° | 2275.3 | 2281.4 | 2275.3 | 2275.3 | 2266.2 | 2260.1 | 2254.1 | 2245.0 | 2232.8 | 2223.6 | 2223.6 |
| 7.5° | 2284.4 | 2284.4 | 2284.4 | 2275.3 | 2269.2 | 2260.1 | 2245.0 | 2229.8 | 2214.5 | 2199.4 | 2193.3 |
| 10° | 2284.4 | 2284.4 | 2281.4 | 2269.2 | 2263.2 | 2245.0 | 2229.8 | 2208.5 | 2187.2 | 2166.0 | 2159.9 |
| 12.5° | 2275.3 | 2278.3 | 2272.3 | 2260.1 | 2245.0 | 2223.6 | 2202.4 | 2175.1 | 2150.7 | 2126.4 | 2114.3 |
| 15° | 2263.2 | 2260.1 | 2254.1 | 2238.9 | 2220.6 | 2193.3 | 2172.0 | 2141.6 | 2108.2 | 2077.9 | 2065.7 |
| 17.5° | 2232.8 | 2232.8 | 2223.6 | 2208.5 | 2184.2 | 2153.7 | 2120.4 | 2087.0 | 2050.5 | 2017.1 | 2002.0 |
| 20° | 2193.3 | 2193.3 | 2181.2 | 2162.9 | 2138.6 | 2099.1 | 2062.6 | 2023.2 | 1980.6 | 1947.2 | 1932.1 |
| 22.5° | 2135.5 | 2138.6 | 2123.4 | 2102.2 | 2074.9 | 2029.3 | 1992.8 | 1944.2 | 1901.6 | 1862.2 | 1850.1 |
| 25° | 2059.6 | 2065.7 | 2050.5 | 2029.3 | 1992.8 | 1953.3 | 1907.7 | 1862.2 | 1813.6 | 1774.0 | 1755.8 |
| 27.5° | 1971.5 | 1974.6 | 1959.4 | 1938.1 | 1901.6 | 1859.2 | 1813.6 | 1764.9 | 1719.4 | 1676.8 | 1658.6 |
| 30° | 1874.3 | 1862.2 | 1856.1 | 1828.7 | 1789.3 | 1752.8 | 1701.1 | 1661.7 | 1613.0 | 1576.6 | 1555.4 |
| 32.5° | 1737.6 | 1743.7 | 1725.5 | 1704.1 | 1673.8 | 1631.3 | 1588.8 | 1543.2 | 1497.7 | 1470.2 | 1455.1 |
| 35° | 1600.9 | 1607.0 | 1597.9 | 1576.6 | 1543.2 | 1506.8 | 1464.2 | 1430.8 | 1391.3 | 1357.9 | 1342.7 |
| 37.5° | 1458.1 | 1458.1 | 1452.0 | 1439.9 | 1415.6 | 1382.2 | 1339.7 | 1306.2 | 1272.9 | 1245.4 | 1236.3 |
| 40° | 1315.3 | 1309.3 | 1306.2 | 1297.1 | 1275.9 | 1245.4 | 1218.1 | 1190.8 | 1157.4 | 1139.2 | 1127.0 |
| 42.5° | 1175.7 | 1175.7 | 1169.5 | 1160.4 | 1139.2 | 1124.0 | 1096.7 | 1066.3 | 1042.0 | 1023.8 | 1023.8 |
| 45° | 1048.1 | 1051.1 | 1042.0 | 1035.9 | 1023.8 | 999.4 | 975.1 | 953.9 | 932.6 | 920.4 | 914.4 |
| 47.5° | 935.6 | 935.6 | 926.5 | 920.4 | 908.3 | 887.1 | 865.7 | 847.5 | 832.4 | 823.3 | 820.2 |
| 50° | 829.3 | 829.3 | 829.3 | 814.2 | 799.0 | 783.7 | 768.5 | 747.3 | 738.2 | 732.1 | 729.1 |
| 52.5° | 738.2 | 735.2 | 735.2 | 723.0 | 707.8 | 689.6 | 674.4 | 656.2 | 647.1 | 640.9 | 644.1 |
| 55° | 656.2 | 656.2 | 653.2 | 637.9 | 622.7 | 604.5 | 589.4 | 574.2 | 568.0 | 561.9 | 565.1 |
| 56° | 622.7 | 622.7 | 619.7 | 607.6 | 589.4 | 574.2 | 555.9 | 540.7 | 531.6 | 534.6 | 534.6 |
| 57° | 598.5 | 592.4 | 592.4 | 577.2 | 561.9 | 540.7 | 525.5 | 510.4 | 504.3 | 501.3 | 501.3 |
| 58° | 568.0 | 565.1 | 561.9 | 546.8 | 531.6 | 513.4 | 498.2 | 483.0 | 473.9 | 473.9 | 470.8 |
| 59° | 537.7 | 537.7 | 531.6 | 519.5 | 504.3 | 486.0 | 470.8 | 455.7 | 446.6 | 443.5 | 443.5 |
| 60° | 510.4 | 513.4 | 504.3 | 492.2 | 479.9 | 458.7 | 440.5 | 428.4 | 419.3 | 416.1 | 416.1 |
| 61° | 486.0 | 486.0 | 479.9 | 464.8 | 449.6 | 434.4 | 416.1 | 401.0 | 394.9 | 388.8 | 388.8 |
| 62° | 464.8 | 458.7 | 455.7 | 440.5 | 425.3 | 407.0 | 391.9 | 376.7 | 367.6 | 361.5 | 364.6 |
| 63° | 437.5 | 434.4 | 428.4 | 416.1 | 401.0 | 382.8 | 364.6 | 352.4 | 343.3 | 334.1 | 337.1 |
| 64° | 416.1 | 413.1 | 404.0 | 391.9 | 376.7 | 358.5 | 340.3 | 328.0 | 322.0 | 312.9 | 309.8 |
| 65° | 388.8 | 385.8 | 382.8 | 367.6 | 352.4 | 334.1 | 318.9 | 306.8 | 297.7 | 291.6 | 285.6 |
| 66° | 364.6 | 367.6 | 361.5 | 349.4 | 331.1 | 315.9 | 294.7 | 282.5 | 276.5 | 267.4 | 261.2 |
| 67° | 343.3 | 343.3 | 337.1 | 325.0 | 306.8 | 291.6 | 276.5 | 261.2 | 252.1 | 243.0 | 240.0 |
| 67.5° | 331.1 | 331.1 | 325.0 | 309.8 | 297.7 | 279.5 | 264.2 | 252.1 | 240.0 | 233.9 | 227.8 |
| 68° | 318.9 | 318.9 | 315.9 | 303.8 | 288.6 | 270.4 | 255.1 | 240.0 | 227.8 | 218.7 | 215.7 |
| 69° | 297.7 | 300.7 | 294.7 | 282.5 | 267.4 | 249.1 | 233.9 | 221.8 | 209.6 | 200.5 | 194.5 |
| 70° | 279.5 | 276.5 | 270.4 | 258.2 | 243.0 | 230.9 | 215.7 | 200.5 | 188.4 | 176.2 | 173.1 |
| 71° | 255.1 | 255.1 | 249.1 | 240.0 | 224.8 | 209.6 | 194.5 | 182.2 | 170.1 | 154.9 | 151.9 |
| 72° | 236.9 | 236.9 | 230.9 | 218.7 | 206.6 | 191.3 | 176.2 | 161.0 | 151.9 | 136.7 | 130.7 |
| 72.5° | 224.8 | 227.8 | 221.8 | 209.6 | 197.5 | 179.2 | 167.1 | 154.9 | 139.8 | 127.6 | 121.6 |
| 73° | 218.7 | 215.7 | 212.7 | 200.5 | 185.4 | 173.1 | 158.0 | 145.8 | 130.7 | 118.5 | 112.3 |



TEST NUMBER: P585127
 CATALOG NUMBER: HCC8S60D010MB-HM86080927-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------------|-------|-------|-------|-------|------|------|------|------|------|------|
| 77.5° | <i>136.7</i> | 136.7 | 133.7 | 121.6 | 109.3 | 97.2 | 85.0 | 72.9 | 60.8 | 48.6 | 42.6 |
| 80° | <i>94.1</i> | 97.2 | 91.1 | 85.0 | 75.9 | 63.8 | 51.7 | 42.6 | 30.3 | 24.3 | 18.2 |
| 82.5° | <i>60.8</i> | 60.8 | 57.7 | 51.7 | 45.6 | 36.4 | 30.3 | 21.2 | 15.2 | 12.1 | 9.1 |
| 85° | <i>30.3</i> | 33.4 | 30.3 | 27.3 | 21.2 | 18.2 | 15.2 | 9.1 | 6.1 | 3.0 | 3.0 |
| 87.5° | <i>12.1</i> | 12.1 | 12.1 | 9.1 | 9.1 | 6.1 | 3.0 | 3.0 | 3.0 | 0.0 | 0.0 |
| 90° | <i>0.0</i> | 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: HCC8S60D010MB-HM86080927-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 | 2241.9 |
| 2.5° | 2232.8 | 2232.8 | 2226.8 | 2223.6 | 2220.6 | 2217.6 | 2214.5 | 2211.5 | 2211.5 | 2214.5 |
| 5° | 2214.5 | 2208.5 | 2196.3 | 2193.3 | 2184.2 | 2181.2 | 2175.1 | 2172.0 | 2175.1 | 2172.0 |
| 7.5° | 2187.2 | 2175.1 | 2159.9 | 2153.7 | 2141.6 | 2135.5 | 2126.4 | 2126.4 | 2120.4 | 2123.4 |
| 10° | 2150.7 | 2132.5 | 2114.3 | 2102.2 | 2093.1 | 2084.0 | 2077.9 | 2071.7 | 2068.7 | 2068.7 |
| 12.5° | 2105.2 | 2084.0 | 2065.7 | 2047.5 | 2032.3 | 2026.2 | 2014.1 | 2014.1 | 2008.0 | 2005.0 |
| 15° | 2053.5 | 2026.2 | 2005.0 | 1986.7 | 1974.6 | 1962.4 | 1953.3 | 1947.2 | 1941.2 | 1941.2 |
| 17.5° | 1986.7 | 1962.4 | 1941.2 | 1919.8 | 1901.6 | 1892.5 | 1883.4 | 1874.3 | 1874.3 | 1868.3 |
| 20° | 1913.8 | 1886.5 | 1868.3 | 1846.9 | 1831.8 | 1816.6 | 1804.5 | 1804.5 | 1798.4 | 1801.4 |
| 22.5° | 1831.8 | 1798.4 | 1780.2 | 1764.9 | 1749.8 | 1737.6 | 1725.5 | 1725.5 | 1722.5 | 1719.4 |
| 25° | 1740.7 | 1713.3 | 1692.0 | 1673.8 | 1664.7 | 1652.6 | 1649.5 | 1643.5 | 1640.4 | 1640.4 |
| 27.5° | 1643.5 | 1622.1 | 1594.8 | 1585.7 | 1573.6 | 1567.5 | 1567.5 | 1564.5 | 1558.4 | 1561.5 |
| 30° | 1540.1 | 1515.9 | 1500.7 | 1494.6 | 1482.5 | 1482.5 | 1479.4 | 1473.4 | 1473.4 | 1476.4 |
| 32.5° | 1439.9 | 1415.6 | 1403.5 | 1400.5 | 1388.2 | 1388.2 | 1385.2 | 1388.2 | 1388.2 | 1391.3 |
| 35° | 1330.6 | 1309.3 | 1306.2 | 1297.1 | 1294.1 | 1294.1 | 1294.1 | 1300.2 | 1306.2 | 1297.1 |
| 37.5° | 1227.2 | 1212.1 | 1203.0 | 1199.9 | 1203.0 | 1203.0 | 1206.0 | 1215.1 | 1212.1 | 1209.0 |
| 40° | 1121.0 | 1108.8 | 1102.8 | 1102.8 | 1108.8 | 1114.9 | 1114.9 | 1124.0 | 1127.0 | 1124.0 |
| 42.5° | 1014.6 | 1005.5 | 1005.5 | 1008.5 | 1014.6 | 1017.6 | 1026.8 | 1035.9 | 1039.0 | 1042.0 |
| 45° | 914.4 | 914.4 | 914.4 | 917.4 | 920.4 | 926.5 | 938.6 | 947.7 | 950.9 | 953.9 |
| 47.5° | 817.2 | 814.2 | 823.3 | 826.3 | 835.4 | 838.4 | 847.5 | 859.7 | 862.7 | 865.7 |
| 50° | 726.1 | 732.1 | 735.2 | 744.3 | 750.3 | 750.3 | 762.5 | 768.5 | 777.6 | 777.6 |
| 52.5° | 640.9 | 650.1 | 653.2 | 662.3 | 665.3 | 668.3 | 674.4 | 683.5 | 689.6 | 689.6 |
| 55° | 565.1 | 568.0 | 574.2 | 577.2 | 586.3 | 589.4 | 595.4 | 598.5 | 607.6 | 604.5 |
| 56° | 531.6 | 537.7 | 540.7 | 546.8 | 552.8 | 555.9 | 561.9 | 565.1 | 571.0 | 574.2 |
| 57° | 501.3 | 504.3 | 513.4 | 516.4 | 522.5 | 522.5 | 525.5 | 534.6 | 534.6 | 537.7 |
| 58° | 470.8 | 476.9 | 479.9 | 483.0 | 489.0 | 492.2 | 498.2 | 501.3 | 504.3 | 501.3 |
| 59° | 443.5 | 446.6 | 449.6 | 449.6 | 455.7 | 455.7 | 464.8 | 470.8 | 473.9 | 473.9 |
| 60° | 416.1 | 416.1 | 419.3 | 422.3 | 428.4 | 431.4 | 431.4 | 437.5 | 437.5 | 437.5 |
| 61° | 388.8 | 388.8 | 391.9 | 394.9 | 397.9 | 397.9 | 404.0 | 404.0 | 407.0 | 410.1 |
| 62° | 364.6 | 361.5 | 361.5 | 364.6 | 364.6 | 370.6 | 373.7 | 376.7 | 379.7 | 376.7 |
| 63° | 337.1 | 334.1 | 334.1 | 334.1 | 334.1 | 340.3 | 340.3 | 343.3 | 349.4 | 346.4 |
| 64° | 306.8 | 306.8 | 306.8 | 306.8 | 309.8 | 309.8 | 315.9 | 318.9 | 322.0 | 325.0 |
| 65° | 285.6 | 279.5 | 276.5 | 276.5 | 279.5 | 282.5 | 285.6 | 288.6 | 291.6 | 291.6 |
| 66° | 261.2 | 255.1 | 252.1 | 252.1 | 252.1 | 252.1 | 258.2 | 258.2 | 264.2 | 264.2 |
| 67° | 233.9 | 227.8 | 224.8 | 221.8 | 221.8 | 221.8 | 230.9 | 227.8 | 227.8 | 227.8 |
| 67.5° | 224.8 | 215.7 | 212.7 | 209.6 | 206.6 | 212.7 | 209.6 | 212.7 | 212.7 | 209.6 |
| 68° | 212.7 | 206.6 | 200.5 | 194.5 | 194.5 | 194.5 | 197.5 | 200.5 | 197.5 | 194.5 |
| 69° | 188.4 | 185.4 | 176.2 | 170.1 | 167.1 | 170.1 | 167.1 | 170.1 | 167.1 | 170.1 |
| 70° | 167.1 | 158.0 | 148.9 | 145.8 | 142.8 | 142.8 | 142.8 | 139.8 | 142.8 | 139.8 |
| 71° | 145.8 | 136.7 | 127.6 | 121.6 | 118.5 | 118.5 | 115.5 | 118.5 | 115.5 | 118.5 |
| 72° | 124.6 | 115.5 | 103.2 | 97.2 | 97.2 | 97.2 | 97.2 | 94.1 | 97.2 | 94.1 |
| 72.5° | 115.5 | 103.2 | 94.1 | 88.1 | 85.0 | 85.0 | 85.0 | 85.0 | 82.0 | 85.0 |
| 73° | 106.3 | 94.1 | 82.0 | 79.0 | 79.0 | 79.0 | 75.9 | 72.9 | 75.9 | 75.9 |



TEST NUMBER: P585127

CATALOG NUMBER: HCC8S60D010MB-HM86080927-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 36.4 | 27.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 24.3 | 21.2 | 21.2 |
| 80° | 15.2 | 12.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| 82.5° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 85° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 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° | 197.5 | 197.5 | 191.3 | 182.2 | 167.1 | 151.9 | 139.8 | 127.6 | 112.3 | 97.2 | 91.1 |
| 75° | 182.2 | 179.2 | 173.1 | 164.0 | 151.9 | 136.7 | 124.6 | 109.3 | 97.2 | 82.0 | 75.9 |

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| | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 88.1 | 72.9 | 66.8 | 60.8 | 60.8 | 60.8 | 57.7 | 57.7 | 57.7 | 60.8 |
| 75° | 69.9 | 57.7 | 51.7 | 45.6 | 48.6 | 45.6 | 48.6 | 45.6 | 45.6 | 45.6 |

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(END OF REPORT)