

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: P593546

Luminaire Tested: **HCC8S10D010SL-HM80520950-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P593546
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: HCC8S10D010SL-HM80520950-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

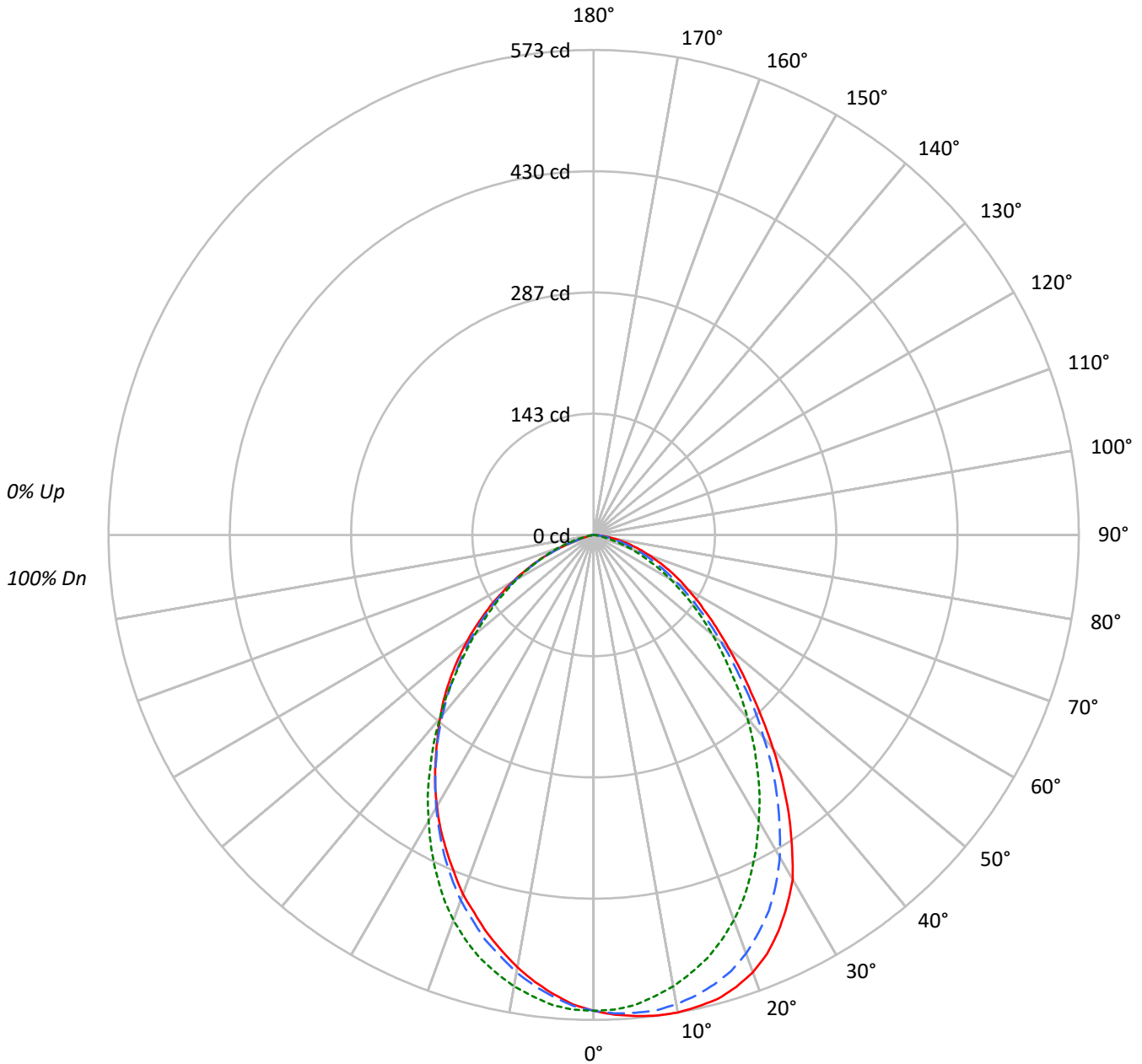
Lumens per Lamp: N/A
Luminaire Lumens: 1053.8 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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: P593546
CATALOG NUMBER: HCC8S10D010SL-HM80520950-81RWWH

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
 1121 Highway 74 South
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TEST NUMBER: P593546

CATALOG NUMBER: HCC8S10D010SL-HM80520950-81RWWH

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 | 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° | 17336 | 17336 | 17336 |
| 5° | 17662 | 17260 | 16858 |
| 10° | 17939 | 16959 | 16245 |
| 15° | 18117 | 16533 | 15537 |
| 20° | 18045 | 15896 | 14823 |
| 25° | 17573 | 14981 | 13994 |
| 30° | 16735 | 13887 | 13182 |
| 35° | 15114 | 12675 | 12246 |
| 40° | 13276 | 11376 | 11348 |
| 45° | 11460 | 9995 | 10431 |
| 50° | 9974 | 8769 | 9355 |
| 55° | 8849 | 7618 | 8150 |
| 60° | 7894 | 6432 | 6765 |
| 65° | 7114 | 5224 | 5334 |
| 70° | 6320 | 3913 | 3165 |
| 75° | 5445 | 2264 | 1358 |
| 80° | 4191 | 817 | 408 |
| 85° | 2689 | 248 | 248 |



TEST NUMBER: P593546

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.8 | 5.0 |
| 10°-20° | 146.9 | 13.9 |
| 20°-30° | 207.8 | 19.7 |
| 30°-40° | 218.9 | 20.8 |
| 40°-50° | 186.1 | 17.7 |
| 50°-60° | 134.0 | 12.7 |
| 60°-70° | 77.3 | 7.3 |
| 70°-80° | 26.4 | 2.5 |
| 80°-90° | 3.6 | 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° | 407.5 | 38.7 |
| 0°-40° | 626.4 | 59.4 |
| 0°-60° | 946.5 | 89.8 |
| 0°-90° | 1053.8 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1053.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 562 | 562 | 562 | 562 | 562 | |
| 5° | 571 | 567 | 558 | 548 | 545 | 55 |
| 15° | 568 | 550 | 518 | 495 | 487 | 160 |
| 25° | 516 | 490 | 440 | 418 | 411 | 237 |
| 35° | 402 | 378 | 337 | 324 | 325 | 250 |
| 45° | 263 | 251 | 229 | 231 | 239 | 204 |
| 55° | 165 | 152 | 142 | 147 | 152 | 148 |
| 65° | 98 | 84 | 72 | 70 | 73 | 97 |
| 75° | 46 | 34 | 19 | 12 | 11 | 48 |
| 85° | 8 | 5 | 1 | 1 | 1 | 10 |
| 90° | 0 | 0 | 0 | 0 | 0 | |

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 |
| 2.5° | 567.5 | 568.3 | 567.5 | 567.5 | 566.7 | 565.9 | 565.2 | 564.5 | 562.9 | 561.3 | 561.3 |
| 5° | 570.6 | 572.0 | 570.6 | 570.6 | 568.3 | 566.7 | 565.2 | 562.9 | 559.9 | 557.6 | 557.6 |
| 7.5° | 572.9 | 572.9 | 572.9 | 570.6 | 569.0 | 566.7 | 562.9 | 559.1 | 555.3 | 551.5 | 549.9 |
| 10° | 572.9 | 572.9 | 572.0 | 569.0 | 567.5 | 562.9 | 559.1 | 553.8 | 548.5 | 543.1 | 541.6 |
| 12.5° | 570.6 | 571.3 | 569.7 | 566.7 | 562.9 | 557.6 | 552.2 | 545.3 | 539.3 | 533.2 | 530.2 |
| 15° | 567.5 | 566.7 | 565.2 | 561.3 | 556.8 | 549.9 | 544.6 | 537.1 | 528.6 | 521.1 | 517.9 |
| 17.5° | 559.9 | 559.9 | 557.6 | 553.8 | 547.6 | 540.1 | 531.6 | 523.4 | 514.2 | 505.8 | 502.0 |
| 20° | 549.9 | 549.9 | 546.9 | 542.3 | 536.2 | 526.4 | 517.2 | 507.4 | 496.7 | 488.3 | 484.4 |
| 22.5° | 535.5 | 536.2 | 532.5 | 527.1 | 520.2 | 508.8 | 499.7 | 487.5 | 476.8 | 467.0 | 463.9 |
| 25° | 516.5 | 517.9 | 514.2 | 508.8 | 499.7 | 489.8 | 478.4 | 467.0 | 454.7 | 444.9 | 440.3 |
| 27.5° | 494.4 | 495.1 | 491.3 | 486.0 | 476.8 | 466.1 | 454.7 | 442.6 | 431.2 | 420.5 | 415.9 |
| 30° | 470.0 | 467.0 | 465.4 | 458.6 | 448.7 | 439.6 | 426.6 | 416.6 | 404.5 | 395.3 | 390.0 |
| 32.5° | 435.7 | 437.3 | 432.6 | 427.3 | 419.7 | 409.0 | 398.3 | 386.9 | 375.5 | 368.7 | 364.8 |
| 35° | 401.5 | 402.9 | 400.6 | 395.3 | 386.9 | 377.8 | 367.1 | 358.8 | 348.8 | 340.5 | 336.7 |
| 37.5° | 365.6 | 365.6 | 364.1 | 361.1 | 355.0 | 346.5 | 336.0 | 327.5 | 319.1 | 312.3 | 310.0 |
| 40° | 329.8 | 328.3 | 327.5 | 325.3 | 320.0 | 312.3 | 305.4 | 298.6 | 290.2 | 285.6 | 282.6 |
| 42.5° | 294.7 | 294.7 | 293.3 | 291.0 | 285.6 | 281.9 | 275.0 | 267.3 | 261.3 | 256.7 | 256.7 |
| 45° | 262.8 | 263.6 | 261.3 | 259.8 | 256.7 | 250.6 | 244.5 | 239.2 | 233.8 | 230.8 | 229.2 |
| 47.5° | 234.6 | 234.6 | 232.3 | 230.8 | 227.8 | 222.4 | 217.1 | 212.5 | 208.7 | 206.4 | 205.7 |
| 50° | 207.9 | 207.9 | 207.9 | 204.1 | 200.4 | 196.5 | 192.7 | 187.4 | 185.1 | 183.5 | 182.8 |
| 52.5° | 185.1 | 184.4 | 184.4 | 181.3 | 177.5 | 173.0 | 169.1 | 164.6 | 162.3 | 160.7 | 161.4 |
| 55° | 164.6 | 164.6 | 163.7 | 160.0 | 156.1 | 151.6 | 147.7 | 144.0 | 142.4 | 140.9 | 141.7 |
| 56° | 156.1 | 156.1 | 155.4 | 152.3 | 147.7 | 144.0 | 139.4 | 135.6 | 133.3 | 134.0 | 134.0 |
| 57° | 150.0 | 148.6 | 148.6 | 144.7 | 140.9 | 135.6 | 131.7 | 128.0 | 126.5 | 125.7 | 125.7 |
| 58° | 142.4 | 141.7 | 140.9 | 137.1 | 133.3 | 128.7 | 124.9 | 121.2 | 118.9 | 118.9 | 118.0 |
| 59° | 134.9 | 134.9 | 133.3 | 130.3 | 126.5 | 121.9 | 118.0 | 114.3 | 112.0 | 111.2 | 111.2 |
| 60° | 128.0 | 128.7 | 126.5 | 123.4 | 120.3 | 115.0 | 110.5 | 107.5 | 105.2 | 104.3 | 104.3 |
| 61° | 121.9 | 121.9 | 120.3 | 116.6 | 112.7 | 108.9 | 104.3 | 100.6 | 99.0 | 97.5 | 97.5 |
| 62° | 116.6 | 115.0 | 114.3 | 110.5 | 106.6 | 102.0 | 98.2 | 94.5 | 92.2 | 90.6 | 91.4 |
| 63° | 109.7 | 108.9 | 107.5 | 104.3 | 100.6 | 95.9 | 91.4 | 88.3 | 86.1 | 83.8 | 84.5 |
| 64° | 104.3 | 103.6 | 101.3 | 98.2 | 94.5 | 89.9 | 85.3 | 82.2 | 80.8 | 78.5 | 77.6 |
| 65° | 97.5 | 96.8 | 95.9 | 92.2 | 88.3 | 83.8 | 79.9 | 76.9 | 74.6 | 73.1 | 71.6 |
| 66° | 91.4 | 92.2 | 90.6 | 87.6 | 83.1 | 79.2 | 73.9 | 70.8 | 69.4 | 67.1 | 65.5 |
| 67° | 86.1 | 86.1 | 84.5 | 81.5 | 76.9 | 73.1 | 69.4 | 65.5 | 63.2 | 60.9 | 60.2 |
| 67.5° | 83.1 | 83.1 | 81.5 | 77.6 | 74.6 | 70.1 | 66.2 | 63.2 | 60.2 | 58.7 | 57.1 |
| 68° | 79.9 | 79.9 | 79.2 | 76.2 | 72.4 | 67.8 | 63.9 | 60.2 | 57.1 | 54.8 | 54.1 |
| 69° | 74.6 | 75.4 | 73.9 | 70.8 | 67.1 | 62.5 | 58.7 | 55.7 | 52.5 | 50.2 | 48.8 |
| 70° | 70.1 | 69.4 | 67.8 | 64.8 | 60.9 | 57.9 | 54.1 | 50.2 | 47.2 | 44.2 | 43.4 |
| 71° | 63.9 | 63.9 | 62.5 | 60.2 | 56.4 | 52.5 | 48.8 | 45.7 | 42.7 | 38.8 | 38.1 |
| 72° | 59.4 | 59.4 | 57.9 | 54.8 | 51.8 | 48.0 | 44.2 | 40.4 | 38.1 | 34.3 | 32.7 |
| 72.5° | 56.4 | 57.1 | 55.7 | 52.5 | 49.5 | 45.0 | 41.9 | 38.8 | 35.1 | 32.0 | 30.4 |
| 73° | 54.8 | 54.1 | 53.4 | 50.2 | 46.5 | 43.4 | 39.7 | 36.5 | 32.7 | 29.7 | 28.1 |



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 CATALOG NUMBER: HCC8S10D010SL-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 34.3 | 34.3 | 33.5 | 30.4 | 27.4 | 24.4 | 21.3 | 18.3 | 15.3 | 12.1 | 10.7 |
| 80° | 23.6 | 24.4 | 22.8 | 21.3 | 19.0 | 16.0 | 13.0 | 10.7 | 7.6 | 6.1 | 4.6 |
| 82.5° | 15.3 | 15.3 | 14.4 | 13.0 | 11.4 | 9.1 | 7.6 | 5.3 | 3.8 | 3.0 | 2.3 |
| 85° | 7.6 | 8.4 | 7.6 | 6.9 | 5.3 | 4.6 | 3.8 | 2.3 | 1.6 | 0.7 | 0.7 |
| 87.5° | 3.0 | 3.0 | 3.0 | 2.3 | 2.3 | 1.6 | 0.7 | 0.7 | 0.7 | 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: HCC8S10D010SL-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 | 562.2 |
| 2.5° | 559.9 | 559.9 | 558.3 | 557.6 | 556.8 | 556.0 | 555.3 | 554.5 | 554.5 | 555.3 |
| 5° | 555.3 | 553.8 | 550.8 | 549.9 | 547.6 | 546.9 | 545.3 | 544.6 | 545.3 | 544.6 |
| 7.5° | 548.5 | 545.3 | 541.6 | 540.1 | 537.1 | 535.5 | 533.2 | 533.2 | 531.6 | 532.5 |
| 10° | 539.3 | 534.8 | 530.2 | 527.1 | 524.8 | 522.5 | 521.1 | 519.5 | 518.8 | 518.8 |
| 12.5° | 527.9 | 522.5 | 517.9 | 513.4 | 509.6 | 508.1 | 505.1 | 505.1 | 503.5 | 502.8 |
| 15° | 514.9 | 508.1 | 502.8 | 498.1 | 495.1 | 492.1 | 489.8 | 488.3 | 486.7 | 486.7 |
| 17.5° | 498.1 | 492.1 | 486.7 | 481.4 | 476.8 | 474.5 | 472.3 | 470.0 | 470.0 | 468.4 |
| 20° | 479.8 | 473.0 | 468.4 | 463.1 | 459.3 | 455.6 | 452.4 | 452.4 | 451.0 | 451.7 |
| 22.5° | 459.3 | 451.0 | 446.4 | 442.6 | 438.7 | 435.7 | 432.6 | 432.6 | 431.9 | 431.2 |
| 25° | 436.4 | 429.6 | 424.3 | 419.7 | 417.5 | 414.3 | 413.6 | 412.0 | 411.3 | 411.3 |
| 27.5° | 412.0 | 406.8 | 399.9 | 397.6 | 394.6 | 393.1 | 393.1 | 392.3 | 390.8 | 391.5 |
| 30° | 386.2 | 380.1 | 376.3 | 374.8 | 371.8 | 371.8 | 370.9 | 369.5 | 369.5 | 370.2 |
| 32.5° | 361.1 | 355.0 | 351.9 | 351.1 | 348.1 | 348.1 | 347.4 | 348.1 | 348.1 | 348.8 |
| 35° | 333.7 | 328.3 | 327.5 | 325.3 | 324.5 | 324.5 | 324.5 | 326.0 | 327.5 | 325.3 |
| 37.5° | 307.7 | 304.0 | 301.7 | 300.9 | 301.7 | 301.7 | 302.4 | 304.7 | 304.0 | 303.1 |
| 40° | 281.0 | 278.0 | 276.5 | 276.5 | 278.0 | 279.6 | 279.6 | 281.9 | 282.6 | 281.9 |
| 42.5° | 254.5 | 252.2 | 252.2 | 252.9 | 254.5 | 255.2 | 257.5 | 259.8 | 260.5 | 261.3 |
| 45° | 229.2 | 229.2 | 229.2 | 230.1 | 230.8 | 232.3 | 235.4 | 237.6 | 238.5 | 239.2 |
| 47.5° | 204.9 | 204.1 | 206.4 | 207.2 | 209.5 | 210.2 | 212.5 | 215.5 | 216.4 | 217.1 |
| 50° | 182.1 | 183.5 | 184.4 | 186.7 | 188.1 | 188.1 | 191.2 | 192.7 | 195.0 | 195.0 |
| 52.5° | 160.7 | 163.0 | 163.7 | 166.0 | 166.8 | 167.6 | 169.1 | 171.4 | 173.0 | 173.0 |
| 55° | 141.7 | 142.4 | 144.0 | 144.7 | 147.0 | 147.7 | 149.3 | 150.0 | 152.3 | 151.6 |
| 56° | 133.3 | 134.9 | 135.6 | 137.1 | 138.6 | 139.4 | 140.9 | 141.7 | 143.2 | 144.0 |
| 57° | 125.7 | 126.5 | 128.7 | 129.5 | 131.0 | 131.0 | 131.7 | 134.0 | 134.0 | 134.9 |
| 58° | 118.0 | 119.6 | 120.3 | 121.2 | 122.6 | 123.4 | 124.9 | 125.7 | 126.5 | 125.7 |
| 59° | 111.2 | 112.0 | 112.7 | 112.7 | 114.3 | 114.3 | 116.6 | 118.0 | 118.9 | 118.9 |
| 60° | 104.3 | 104.3 | 105.2 | 105.9 | 107.5 | 108.2 | 108.2 | 109.7 | 109.7 | 109.7 |
| 61° | 97.5 | 97.5 | 98.2 | 99.0 | 99.8 | 99.8 | 101.3 | 101.3 | 102.0 | 102.9 |
| 62° | 91.4 | 90.6 | 90.6 | 91.4 | 91.4 | 92.9 | 93.6 | 94.5 | 95.2 | 94.5 |
| 63° | 84.5 | 83.8 | 83.8 | 83.8 | 83.8 | 85.3 | 85.3 | 86.1 | 87.6 | 86.8 |
| 64° | 76.9 | 76.9 | 76.9 | 76.9 | 77.6 | 77.6 | 79.2 | 79.9 | 80.8 | 81.5 |
| 65° | 71.6 | 70.1 | 69.4 | 69.4 | 70.1 | 70.8 | 71.6 | 72.4 | 73.1 | 73.1 |
| 66° | 65.5 | 63.9 | 63.2 | 63.2 | 63.2 | 63.2 | 64.8 | 64.8 | 66.2 | 66.2 |
| 67° | 58.7 | 57.1 | 56.4 | 55.7 | 55.7 | 55.7 | 57.9 | 57.1 | 57.1 | 57.1 |
| 67.5° | 56.4 | 54.1 | 53.4 | 52.5 | 51.8 | 53.4 | 52.5 | 53.4 | 53.4 | 52.5 |
| 68° | 53.4 | 51.8 | 50.2 | 48.8 | 48.8 | 48.8 | 49.5 | 50.2 | 49.5 | 48.8 |
| 69° | 47.2 | 46.5 | 44.2 | 42.7 | 41.9 | 42.7 | 41.9 | 42.7 | 41.9 | 42.7 |
| 70° | 41.9 | 39.7 | 37.4 | 36.5 | 35.8 | 35.8 | 35.8 | 35.1 | 35.8 | 35.1 |
| 71° | 36.5 | 34.3 | 32.0 | 30.4 | 29.7 | 29.7 | 29.0 | 29.7 | 29.0 | 29.7 |
| 72° | 31.3 | 29.0 | 25.8 | 24.4 | 24.4 | 24.4 | 24.4 | 23.6 | 24.4 | 23.6 |
| 72.5° | 29.0 | 25.8 | 23.6 | 22.1 | 21.3 | 21.3 | 21.3 | 21.3 | 20.6 | 21.3 |
| 73° | 26.7 | 23.6 | 20.6 | 19.8 | 19.8 | 19.8 | 19.0 | 18.3 | 19.0 | 19.0 |



TEST NUMBER: P593546
CATALOG NUMBER: HCC8S10D010SL-HM80520950-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-----|------|------|------|------|------|------|------|------|------|
| 77.5° | 9.1 | 6.9 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.3 | 5.3 |
| 80° | 3.8 | 3.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 82.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 85° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 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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Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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Scaled Data Report



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

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Scaled Data Report



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Scaled Data Report



Classified

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| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| 74° | 49.5 | 49.5 | 48.0 | 45.7 | 41.9 | 38.1 | 35.1 | 32.0 | 28.1 | 24.4 | 22.8 |
| 75° | 45.7 | 45.0 | 43.4 | 41.1 | 38.1 | 34.3 | 31.3 | 27.4 | 24.4 | 20.6 | 19.0 |

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

Scaled Data Report



Classified

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Peachtree City, GA 30269



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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 22.1 | 18.3 | 16.7 | 15.3 | 15.3 | 15.3 | 14.4 | 14.4 | 14.4 | 15.3 |
| 75° | 17.5 | 14.4 | 13.0 | 11.4 | 12.1 | 11.4 | 12.1 | 11.4 | 11.4 | 11.4 |

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