

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: P584056

Luminaire Tested: **HCC8S20D010BZ-HM80520930-81RWWH**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584056
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: HCC8S20D010BZ-HM80520930-81RWWH
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, HAZE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

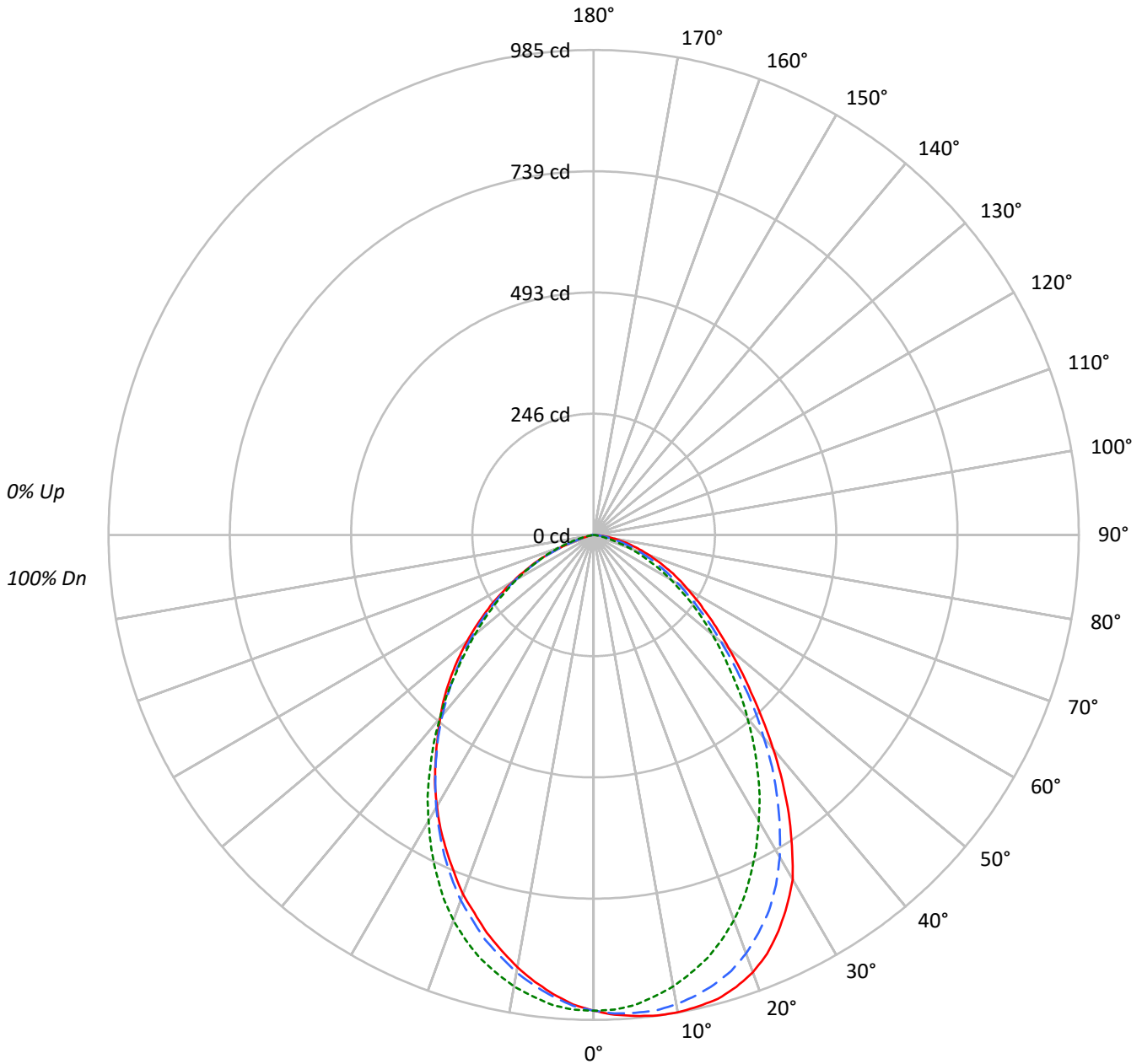
Lumens per Lamp: N/A
Luminaire Lumens: 1811.7 lumens
Efficiency: N/A
Efficacy: 90.6 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.07 / 1.16
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 20
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: P584056
CATALOG NUMBER: HCC8S20D010BZ-HM80520930-81RWWH

Luminous Intensity Polar Plot



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



TEST NUMBER: P584056

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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° | 29800 | 29800 | 29800 |
| 5° | 30360 | 29673 | 28982 |
| 10° | 30833 | 29155 | 27924 |
| 15° | 31145 | 28428 | 26711 |
| 20° | 31027 | 27329 | 25484 |
| 25° | 30207 | 25749 | 24058 |
| 30° | 28770 | 23871 | 22660 |
| 35° | 25978 | 21788 | 21051 |
| 40° | 22824 | 19555 | 19503 |
| 45° | 19703 | 17191 | 17932 |
| 50° | 17145 | 15078 | 16080 |
| 55° | 15209 | 13096 | 14010 |
| 60° | 13568 | 11064 | 11625 |
| 65° | 12229 | 8975 | 9179 |
| 70° | 10855 | 6726 | 5437 |
| 75° | 9365 | 3896 | 2335 |
| 80° | 7192 | 1385 | 693 |
| 85° | 4635 | 460 | 460 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.7 | 5.0 |
| 10°-20° | 252.6 | 13.9 |
| 20°-30° | 357.2 | 19.7 |
| 30°-40° | 376.4 | 20.8 |
| 40°-50° | 319.9 | 17.7 |
| 50°-60° | 230.4 | 12.7 |
| 60°-70° | 132.9 | 7.3 |
| 70°-80° | 45.5 | 2.5 |
| 80°-90° | 6.2 | 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° | 700.5 | 38.7 |
| 0°-40° | 1076.9 | 59.4 |
| 0°-60° | 1627.1 | 89.8 |
| 0°-90° | 1811.7 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1811.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|-----|-----|-----|------|------|------|
| 0° | 966 | 966 | 966 | 966 | 966 | |
| 5° | 981 | 974 | 959 | 942 | 936 | 94 |
| 15° | 976 | 946 | 890 | 851 | 837 | 275 |
| 25° | 888 | 842 | 757 | 718 | 707 | 407 |
| 35° | 690 | 650 | 579 | 558 | 559 | 430 |
| 45° | 452 | 431 | 394 | 397 | 411 | 351 |
| 55° | 283 | 261 | 244 | 253 | 261 | 255 |
| 65° | 168 | 144 | 123 | 120 | 126 | 167 |
| 75° | 79 | 59 | 33 | 21 | 20 | 83 |
| 85° | 13 | 8 | 1 | 1 | 1 | 18 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P584056

CATALOG NUMBER: HCC8S20D010BZ-HM80520930-81RWWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5° | 975.6 | 976.9 | 975.6 | 975.6 | 974.3 | 972.9 | 971.6 | 970.3 | 967.7 | 965.1 | 965.1 |
| 5° | 980.8 | 983.4 | 980.8 | 980.8 | 976.9 | 974.3 | 971.6 | 967.7 | 962.5 | 958.6 | 958.6 |
| 7.5° | 984.7 | 984.7 | 984.7 | 980.8 | 978.2 | 974.3 | 967.7 | 961.2 | 954.6 | 948.1 | 945.5 |
| 10° | 984.7 | 984.7 | 983.4 | 978.2 | 975.6 | 967.7 | 961.2 | 952.0 | 942.9 | 933.7 | 931.1 |
| 12.5° | 980.8 | 982.1 | 979.5 | 974.3 | 967.7 | 958.6 | 949.4 | 937.6 | 927.2 | 916.6 | 911.4 |
| 15° | 975.6 | 974.3 | 971.6 | 965.1 | 957.3 | 945.5 | 936.3 | 923.1 | 908.8 | 895.7 | 890.5 |
| 17.5° | 962.5 | 962.5 | 958.6 | 952.0 | 941.6 | 928.5 | 914.0 | 899.6 | 883.9 | 869.5 | 863.0 |
| 20° | 945.5 | 945.5 | 940.2 | 932.4 | 921.8 | 904.8 | 889.1 | 872.1 | 853.8 | 839.3 | 832.8 |
| 22.5° | 920.5 | 921.8 | 915.3 | 906.1 | 894.4 | 874.8 | 859.1 | 838.0 | 819.7 | 802.7 | 797.5 |
| 25° | 887.8 | 890.5 | 883.9 | 874.8 | 859.1 | 842.1 | 822.3 | 802.7 | 781.8 | 764.8 | 756.8 |
| 27.5° | 849.9 | 851.2 | 844.7 | 835.4 | 819.7 | 801.4 | 781.8 | 760.9 | 741.2 | 722.8 | 715.0 |
| 30° | 808.0 | 802.7 | 800.1 | 788.3 | 771.3 | 755.5 | 733.3 | 716.3 | 695.4 | 679.6 | 670.4 |
| 32.5° | 749.0 | 751.6 | 743.8 | 734.6 | 721.5 | 703.2 | 684.9 | 665.2 | 645.6 | 633.8 | 627.3 |
| 35° | 690.1 | 692.8 | 688.8 | 679.6 | 665.2 | 649.5 | 631.2 | 616.8 | 599.7 | 585.3 | 578.8 |
| 37.5° | 628.6 | 628.6 | 626.0 | 620.7 | 610.3 | 595.8 | 577.5 | 563.1 | 548.7 | 536.9 | 533.0 |
| 40° | 567.0 | 564.4 | 563.1 | 559.2 | 550.0 | 536.9 | 525.2 | 513.3 | 498.9 | 491.1 | 485.8 |
| 42.5° | 506.7 | 506.7 | 504.1 | 500.2 | 491.1 | 484.5 | 472.7 | 459.7 | 449.2 | 441.4 | 441.4 |
| 45° | 451.8 | 453.1 | 449.2 | 446.6 | 441.4 | 430.8 | 420.3 | 411.2 | 402.0 | 396.8 | 394.2 |
| 47.5° | 403.3 | 403.3 | 399.4 | 396.8 | 391.6 | 382.4 | 373.2 | 365.4 | 358.9 | 354.8 | 353.5 |
| 50° | 357.4 | 357.4 | 357.4 | 350.9 | 344.4 | 337.8 | 331.3 | 322.1 | 318.2 | 315.6 | 314.3 |
| 52.5° | 318.2 | 316.9 | 316.9 | 311.7 | 305.1 | 297.3 | 290.7 | 282.9 | 279.0 | 276.4 | 277.7 |
| 55° | 282.9 | 282.9 | 281.6 | 275.1 | 268.4 | 260.6 | 254.0 | 247.5 | 244.9 | 242.3 | 243.6 |
| 56° | 268.4 | 268.4 | 267.1 | 261.9 | 254.0 | 247.5 | 239.6 | 233.1 | 229.2 | 230.5 | 230.5 |
| 57° | 258.0 | 255.3 | 255.3 | 248.8 | 242.3 | 233.1 | 226.6 | 220.0 | 217.4 | 216.1 | 216.1 |
| 58° | 244.9 | 243.6 | 242.3 | 235.7 | 229.2 | 221.3 | 214.8 | 208.3 | 204.2 | 204.2 | 202.9 |
| 59° | 231.8 | 231.8 | 229.2 | 223.9 | 217.4 | 209.6 | 202.9 | 196.4 | 192.5 | 191.1 | 191.1 |
| 60° | 220.0 | 221.3 | 217.4 | 212.2 | 206.8 | 197.7 | 189.8 | 184.6 | 180.7 | 179.4 | 179.4 |
| 61° | 209.6 | 209.6 | 206.8 | 200.3 | 193.8 | 187.2 | 179.4 | 172.8 | 170.2 | 167.6 | 167.6 |
| 62° | 200.3 | 197.7 | 196.4 | 189.8 | 183.3 | 175.5 | 168.9 | 162.4 | 158.5 | 155.8 | 157.1 |
| 63° | 188.5 | 187.2 | 184.6 | 179.4 | 172.8 | 165.0 | 157.1 | 151.9 | 148.0 | 144.1 | 145.4 |
| 64° | 179.4 | 178.1 | 174.1 | 168.9 | 162.4 | 154.5 | 146.7 | 141.4 | 138.8 | 134.9 | 133.6 |
| 65° | 167.6 | 166.3 | 165.0 | 158.5 | 151.9 | 144.1 | 137.5 | 132.3 | 128.4 | 125.8 | 123.0 |
| 66° | 157.1 | 158.5 | 155.8 | 150.6 | 142.8 | 136.2 | 127.1 | 121.7 | 119.1 | 115.2 | 112.6 |
| 67° | 148.0 | 148.0 | 145.4 | 140.1 | 132.3 | 125.8 | 119.1 | 112.6 | 108.7 | 104.7 | 103.4 |
| 67.5° | 142.8 | 142.8 | 140.1 | 133.6 | 128.4 | 120.4 | 113.9 | 108.7 | 103.4 | 100.8 | 98.2 |
| 68° | 137.5 | 137.5 | 136.2 | 131.0 | 124.3 | 116.5 | 110.0 | 103.4 | 98.2 | 94.3 | 93.0 |
| 69° | 128.4 | 129.7 | 127.1 | 121.7 | 115.2 | 107.3 | 100.8 | 95.6 | 90.3 | 86.4 | 83.8 |
| 70° | 120.4 | 119.1 | 116.5 | 111.3 | 104.7 | 99.5 | 93.0 | 86.4 | 81.2 | 76.0 | 74.6 |
| 71° | 110.0 | 110.0 | 107.3 | 103.4 | 96.9 | 90.3 | 83.8 | 78.6 | 73.3 | 66.8 | 65.5 |
| 72° | 102.1 | 102.1 | 99.5 | 94.3 | 89.0 | 82.5 | 76.0 | 69.4 | 65.5 | 59.0 | 56.3 |
| 72.5° | 96.9 | 98.2 | 95.6 | 90.3 | 85.1 | 77.3 | 72.0 | 66.8 | 60.3 | 55.0 | 52.4 |
| 73° | 94.3 | 93.0 | 91.7 | 86.4 | 79.9 | 74.6 | 68.1 | 62.9 | 56.3 | 51.1 | 48.5 |



TEST NUMBER: P584056
 CATALOG NUMBER: HCC8S20D010BZ-HM80520930-81RWWH

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 59.0 | 59.0 | 57.6 | 52.4 | 47.2 | 42.0 | 36.6 | 31.4 | 26.2 | 20.9 | 18.3 |
| 80° | 40.5 | 42.0 | 39.2 | 36.6 | 32.7 | 27.5 | 22.2 | 18.3 | 13.1 | 10.5 | 7.8 |
| 82.5° | 26.2 | 26.2 | 24.8 | 22.2 | 19.6 | 15.7 | 13.1 | 9.2 | 6.5 | 5.2 | 3.9 |
| 85° | 13.1 | 14.4 | 13.1 | 11.8 | 9.2 | 7.8 | 6.5 | 3.9 | 2.6 | 1.3 | 1.3 |
| 87.5° | 5.2 | 5.2 | 5.2 | 3.9 | 3.9 | 2.6 | 1.3 | 1.3 | 1.3 | 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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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 | 966.4 |
| 2.5° | 962.5 | 962.5 | 959.9 | 958.6 | 957.3 | 955.9 | 954.6 | 953.3 | 953.3 | 954.6 |
| 5° | 954.6 | 952.0 | 946.8 | 945.5 | 941.6 | 940.2 | 937.6 | 936.3 | 937.6 | 936.3 |
| 7.5° | 942.9 | 937.6 | 931.1 | 928.5 | 923.1 | 920.5 | 916.6 | 916.6 | 914.0 | 915.3 |
| 10° | 927.2 | 919.2 | 911.4 | 906.1 | 902.2 | 898.3 | 895.7 | 893.1 | 891.8 | 891.8 |
| 12.5° | 907.5 | 898.3 | 890.5 | 882.6 | 876.1 | 873.4 | 868.2 | 868.2 | 865.6 | 864.3 |
| 15° | 885.2 | 873.4 | 864.3 | 856.4 | 851.2 | 846.0 | 842.1 | 839.3 | 836.7 | 836.7 |
| 17.5° | 856.4 | 846.0 | 836.7 | 827.6 | 819.7 | 815.8 | 811.9 | 808.0 | 808.0 | 805.3 |
| 20° | 825.0 | 813.2 | 805.3 | 796.2 | 789.6 | 783.1 | 777.9 | 777.9 | 775.3 | 776.6 |
| 22.5° | 789.6 | 775.3 | 767.4 | 760.9 | 754.2 | 749.0 | 743.8 | 743.8 | 742.5 | 741.2 |
| 25° | 750.3 | 738.5 | 729.4 | 721.5 | 717.6 | 712.4 | 711.1 | 708.5 | 707.1 | 707.1 |
| 27.5° | 708.5 | 699.3 | 687.5 | 683.6 | 678.3 | 675.7 | 675.7 | 674.4 | 671.7 | 673.0 |
| 30° | 663.9 | 653.4 | 646.9 | 644.3 | 639.0 | 639.0 | 637.7 | 635.1 | 635.1 | 636.4 |
| 32.5° | 620.7 | 610.3 | 604.9 | 603.6 | 598.4 | 598.4 | 597.1 | 598.4 | 598.4 | 599.7 |
| 35° | 573.5 | 564.4 | 563.1 | 559.2 | 557.9 | 557.9 | 557.9 | 560.5 | 563.1 | 559.2 |
| 37.5° | 529.1 | 522.4 | 518.5 | 517.2 | 518.5 | 518.5 | 519.8 | 523.7 | 522.4 | 521.1 |
| 40° | 483.2 | 478.0 | 475.4 | 475.4 | 478.0 | 480.6 | 480.6 | 484.5 | 485.8 | 484.5 |
| 42.5° | 437.3 | 433.4 | 433.4 | 434.7 | 437.3 | 438.6 | 442.7 | 446.6 | 447.9 | 449.2 |
| 45° | 394.2 | 394.2 | 394.2 | 395.5 | 396.8 | 399.4 | 404.6 | 408.6 | 409.9 | 411.2 |
| 47.5° | 352.2 | 350.9 | 354.8 | 356.1 | 360.2 | 361.5 | 365.4 | 370.6 | 371.9 | 373.2 |
| 50° | 313.0 | 315.6 | 316.9 | 320.8 | 323.4 | 323.4 | 328.7 | 331.3 | 335.2 | 335.2 |
| 52.5° | 276.4 | 280.3 | 281.6 | 285.5 | 286.8 | 288.1 | 290.7 | 294.7 | 297.3 | 297.3 |
| 55° | 243.6 | 244.9 | 247.5 | 248.8 | 252.7 | 254.0 | 256.6 | 258.0 | 261.9 | 260.6 |
| 56° | 229.2 | 231.8 | 233.1 | 235.7 | 238.3 | 239.6 | 242.3 | 243.6 | 246.2 | 247.5 |
| 57° | 216.1 | 217.4 | 221.3 | 222.6 | 225.3 | 225.3 | 226.6 | 230.5 | 230.5 | 231.8 |
| 58° | 202.9 | 205.5 | 206.8 | 208.3 | 210.9 | 212.2 | 214.8 | 216.1 | 217.4 | 216.1 |
| 59° | 191.1 | 192.5 | 193.8 | 193.8 | 196.4 | 196.4 | 200.3 | 202.9 | 204.2 | 204.2 |
| 60° | 179.4 | 179.4 | 180.7 | 182.0 | 184.6 | 185.9 | 185.9 | 188.5 | 188.5 | 188.5 |
| 61° | 167.6 | 167.6 | 168.9 | 170.2 | 171.5 | 171.5 | 174.1 | 174.1 | 175.5 | 176.8 |
| 62° | 157.1 | 155.8 | 155.8 | 157.1 | 157.1 | 159.8 | 161.1 | 162.4 | 163.7 | 162.4 |
| 63° | 145.4 | 144.1 | 144.1 | 144.1 | 144.1 | 146.7 | 146.7 | 148.0 | 150.6 | 149.3 |
| 64° | 132.3 | 132.3 | 132.3 | 132.3 | 133.6 | 133.6 | 136.2 | 137.5 | 138.8 | 140.1 |
| 65° | 123.0 | 120.4 | 119.1 | 119.1 | 120.4 | 121.7 | 123.0 | 124.3 | 125.8 | 125.8 |
| 66° | 112.6 | 110.0 | 108.7 | 108.7 | 108.7 | 108.7 | 111.3 | 111.3 | 113.9 | 113.9 |
| 67° | 100.8 | 98.2 | 96.9 | 95.6 | 95.6 | 95.6 | 99.5 | 98.2 | 98.2 | 98.2 |
| 67.5° | 96.9 | 93.0 | 91.7 | 90.3 | 89.0 | 91.7 | 90.3 | 91.7 | 91.7 | 90.3 |
| 68° | 91.7 | 89.0 | 86.4 | 83.8 | 83.8 | 83.8 | 85.1 | 86.4 | 85.1 | 83.8 |
| 69° | 81.2 | 79.9 | 76.0 | 73.3 | 72.0 | 73.3 | 72.0 | 73.3 | 72.0 | 73.3 |
| 70° | 72.0 | 68.1 | 64.2 | 62.9 | 61.6 | 61.6 | 61.6 | 60.3 | 61.6 | 60.3 |
| 71° | 62.9 | 59.0 | 55.0 | 52.4 | 51.1 | 51.1 | 49.8 | 51.1 | 49.8 | 51.1 |
| 72° | 53.7 | 49.8 | 44.6 | 42.0 | 42.0 | 42.0 | 42.0 | 40.5 | 42.0 | 40.5 |
| 72.5° | 49.8 | 44.6 | 40.5 | 37.9 | 36.6 | 36.6 | 36.6 | 36.6 | 35.3 | 36.6 |
| 73° | 45.9 | 40.5 | 35.3 | 34.0 | 34.0 | 34.0 | 32.7 | 31.4 | 32.7 | 32.7 |



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CATALOG NUMBER: HCC8S20D010BZ-HM80520930-81RWWH

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|------|------|------|
| 77.5° | 15.7 | 11.8 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 9.2 | 9.2 |
| 80° | 6.5 | 5.2 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 82.5° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 85° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 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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Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified
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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| | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|
| 74° | 85.1 | 85.1 | 82.5 | 78.6 | 72.0 | 65.5 | 60.3 | 55.0 | 48.5 | 42.0 | 39.2 |
| 75° | 78.6 | 77.3 | 74.6 | 70.7 | 65.5 | 59.0 | 53.7 | 47.2 | 42.0 | 35.3 | 32.7 |

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|-----|------|------|------|------|------|------|------|------|------|------|
| 74° | 37.9 | 31.4 | 28.8 | 26.2 | 26.2 | 26.2 | 24.8 | 24.8 | 24.8 | 26.2 |
| 75° | 30.1 | 24.8 | 22.2 | 19.6 | 20.9 | 19.6 | 20.9 | 19.6 | 19.6 | 19.6 |

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(END OF REPORT)