

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1325830

Luminaire Tested: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325830
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQCA30R 1MB TRIM
Light Source: -
Ballast/Driver: -

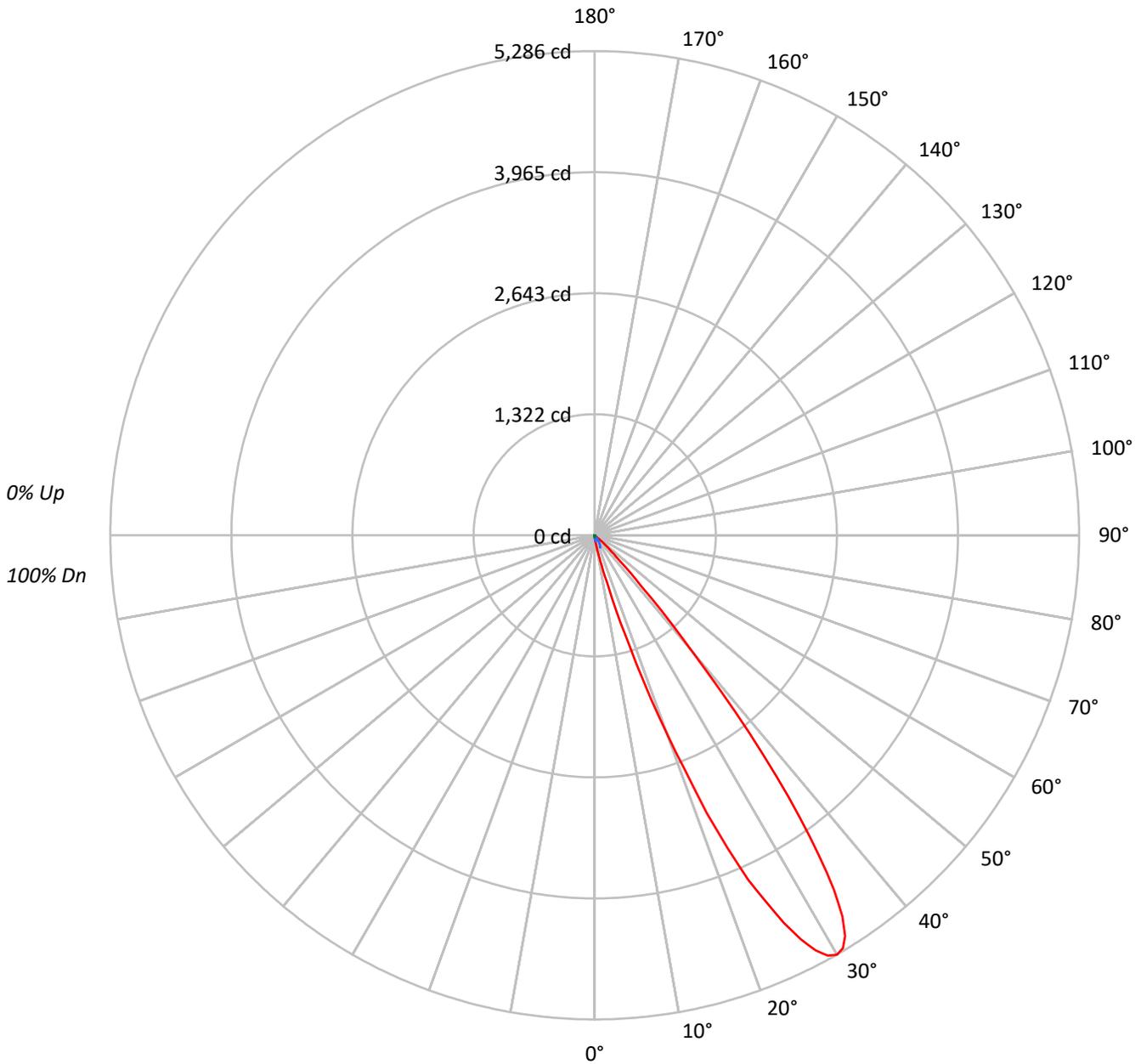
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 559.0 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 2.33 / 0.38 / 1.17
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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: 24 FT

TEST NUMBER: P1325830
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



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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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 94 | 92 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 |
| 3 | 99 | 92 | 86 | 81 | 97 | 90 | 85 | 81 | 88 | 83 | 79 | 85 | 81 | 78 | 83 | 80 | 77 | 75 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 72 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 68 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 61 |
| 6 | 81 | 71 | 63 | 58 | 79 | 70 | 63 | 58 | 68 | 62 | 58 | 67 | 61 | 57 | 65 | 60 | 57 | 55 |
| 7 | 76 | 65 | 57 | 52 | 74 | 64 | 57 | 52 | 63 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 51 | 50 |
| 8 | 71 | 59 | 52 | 47 | 69 | 59 | 52 | 47 | 58 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 46 | 45 |
| 9 | 66 | 55 | 47 | 43 | 65 | 54 | 47 | 43 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 41 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° | 135° | 180° |
|-----|---------|-------|------|------|------|
| 0° | 3444 | 3444 | 3444 | 3444 | 3444 |
| 5° | 9958 | 7520 | 2939 | 1227 | 813 |
| 10° | 25900 | 11210 | 1959 | 0 | 0 |
| 15° | 103555 | 18347 | 1052 | 0 | 0 |
| 20° | 423073 | 27033 | 330 | 0 | 0 |
| 25° | 836307 | 26813 | 0 | 0 | 0 |
| 30° | 1051144 | 21159 | 0 | 0 | 0 |
| 35° | 896863 | 12972 | 0 | 0 | 0 |
| 40° | 369246 | 4092 | 0 | 0 | 0 |
| 45° | 79888 | 1729 | 0 | 0 | 0 |
| 50° | 10235 | 0 | 0 | 0 | 0 |
| 55° | 871 | 0 | 180 | 0 | 0 |
| 60° | 0 | 0 | 413 | 0 | 0 |
| 65° | 0 | 0 | 489 | 0 | 0 |
| 70° | 0 | 302 | 906 | 0 | 0 |
| 75° | 0 | 399 | 1198 | 0 | 0 |
| 80° | 0 | 595 | 1785 | 0 | 0 |
| 85° | 0 | 1186 | 3557 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 2°
 Vertical Angle: 45°
 Luminance: 83614 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 2.7 | 0.5 |
| 10°-20° | 39.2 | 7.0 |
| 20°-30° | 228.3 | 40.8 |
| 30°-40° | 244.8 | 43.8 |
| 40°-50° | 41.3 | 7.4 |
| 50°-60° | 1.3 | 0.2 |
| 60°-70° | 0.4 | 0.1 |
| 70°-80° | 0.6 | 0.1 |
| 80°-90° | 0.5 | 0.1 |
| 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° | 270.2 | 48.3 |
| 0°-40° | 515.0 | 92.1 |
| 0°-60° | 557.6 | 99.7 |
| 0°-90° | 559.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 559.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|-----|-----|------|------|------|
| 0° | 20 | 20 | 20 | 20 | 20 | |
| 5° | 58 | 44 | 17 | 7 | 5 | 8 |
| 15° | 581 | 103 | 6 | 0 | 0 | 269 |
| 25° | 4401 | 141 | 0 | 0 | 0 | 1991 |
| 35° | 4266 | 62 | 0 | 0 | 0 | 2452 |
| 45° | 328 | 7 | 0 | 0 | 0 | 387 |
| 55° | 3 | 0 | 1 | 0 | 0 | 7 |
| 65° | 0 | 0 | 1 | 0 | 0 | 0 |
| 75° | 0 | 1 | 2 | 0 | 0 | 0 |
| 85° | 0 | 1 | 2 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| 2.5° | 36.4 | 37.0 | 37.6 | 37.6 | 37.6 | 37.6 | 37.0 | 37.0 | 37.0 | 37.0 | 36.4 |
| 5° | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| 7.5° | 82.3 | 81.1 | 81.7 | 79.9 | 81.1 | 80.5 | 79.9 | 81.1 | 81.1 | 78.2 | 78.2 |
| 10° | 148.1 | 147.5 | 141.7 | 142.8 | 144.0 | 143.4 | 143.4 | 139.9 | 139.3 | 137.0 | 134.6 |
| 12.5° | 285.7 | 292.1 | 296.8 | 296.8 | 285.7 | 289.8 | 282.2 | 283.9 | 285.1 | 281.6 | 269.2 |
| 15° | 580.8 | 591.3 | 580.2 | 590.8 | 586.6 | 571.4 | 554.3 | 531.4 | 540.2 | 524.3 | 519.0 |
| 17.5° | 1272.0 | 1296.1 | 1286.1 | 1237.4 | 1253.2 | 1215.6 | 1192.1 | 1183.3 | 1158.6 | 1085.1 | 1054.5 |
| 20° | 2308.4 | 2337.8 | 2310.1 | 2253.1 | 2271.3 | 2200.2 | 2182.0 | 2164.9 | 2055.6 | 2015.6 | 1887.5 |
| 21° | 2744.5 | 2768.6 | 2779.2 | 2719.8 | 2683.4 | 2627.0 | 2579.9 | 2564.7 | 2498.2 | 2421.2 | 2289.6 |
| 22° | 3271.2 | 3243.0 | 3179.5 | 3187.7 | 3133.7 | 3087.2 | 3022.0 | 2960.3 | 2886.2 | 2778.6 | 2669.9 |
| 23° | 3707.4 | 3674.5 | 3644.5 | 3608.0 | 3549.8 | 3516.9 | 3423.5 | 3355.9 | 3259.5 | 3144.2 | 3039.6 |
| 24° | 4113.6 | 4063.0 | 4044.2 | 3979.5 | 3963.1 | 3889.0 | 3813.2 | 3725.0 | 3608.6 | 3485.8 | 3370.0 |
| 25° | 4401.0 | 4408.6 | 4392.2 | 4384.5 | 4300.5 | 4224.7 | 4149.4 | 4013.6 | 3914.3 | 3805.5 | 3627.4 |
| 26° | 4709.0 | 4712.5 | 4704.3 | 4647.9 | 4572.1 | 4498.0 | 4401.0 | 4282.8 | 4138.8 | 4018.3 | 3857.3 |
| 27° | 4944.7 | 4930.6 | 4918.9 | 4851.9 | 4789.5 | 4696.1 | 4607.9 | 4468.0 | 4327.5 | 4184.1 | 3997.2 |
| 28° | 5132.8 | 5106.4 | 5091.7 | 5034.1 | 4961.2 | 4846.6 | 4738.4 | 4607.9 | 4467.4 | 4313.4 | 4111.2 |
| 29° | 5246.3 | 5218.1 | 5201.6 | 5138.1 | 5054.1 | 4953.5 | 4844.2 | 4700.8 | 4549.7 | 4378.1 | 4174.7 |
| 30° | 5285.7 | 5269.2 | 5243.3 | 5177.5 | 5090.5 | 4985.9 | 4873.6 | 4717.8 | 4559.7 | 4384.0 | 4168.8 |
| 31° | 5259.8 | 5238.6 | 5214.0 | 5142.8 | 5048.8 | 4948.8 | 4818.4 | 4654.9 | 4488.6 | 4321.1 | 4093.0 |
| 32° | 5156.9 | 5144.0 | 5114.0 | 5018.8 | 4942.4 | 4813.1 | 4684.3 | 4531.5 | 4349.9 | 4170.0 | 3963.7 |
| 33° | 4964.1 | 4943.0 | 4917.1 | 4830.1 | 4732.5 | 4608.5 | 4480.4 | 4324.0 | 4143.5 | 3953.7 | 3726.8 |
| 34° | 4670.2 | 4643.2 | 4610.9 | 4552.7 | 4428.0 | 4320.5 | 4172.3 | 3989.5 | 3840.2 | 3658.0 | 3452.8 |
| 35° | 4265.8 | 4226.4 | 4187.6 | 4143.5 | 4003.6 | 3904.3 | 3804.4 | 3645.1 | 3501.0 | 3329.4 | 3097.2 |
| 36° | 3812.0 | 3796.7 | 3765.0 | 3648.6 | 3603.3 | 3468.1 | 3387.6 | 3204.8 | 3088.4 | 2920.3 | 2728.7 |
| 37° | 3298.8 | 3208.9 | 3254.8 | 3189.5 | 3053.1 | 3010.8 | 2915.0 | 2758.0 | 2632.3 | 2454.7 | 2316.0 |
| 38° | 2748.6 | 2689.9 | 2722.2 | 2656.4 | 2585.2 | 2487.6 | 2414.8 | 2300.1 | 2159.1 | 2019.7 | 1888.1 |
| 39° | 2178.5 | 2130.8 | 2166.1 | 2121.4 | 2013.3 | 1972.7 | 1908.1 | 1820.5 | 1707.0 | 1598.3 | 1473.7 |
| 40° | 1642.4 | 1581.2 | 1628.3 | 1564.8 | 1515.4 | 1449.0 | 1416.1 | 1335.5 | 1265.0 | 1199.7 | 1120.4 |
| 42.5° | 750.1 | 743.6 | 733.0 | 710.1 | 704.8 | 705.4 | 664.8 | 638.4 | 602.5 | 560.8 | 535.5 |
| 45° | 328.0 | 336.2 | 343.3 | 330.4 | 329.8 | 322.7 | 320.4 | 302.7 | 295.7 | 282.2 | 265.7 |
| 47.5° | 161.7 | 164.6 | 162.8 | 166.4 | 163.4 | 158.7 | 157.5 | 155.2 | 148.1 | 147.5 | 139.9 |
| 50° | 38.2 | 37.6 | 37.6 | 38.2 | 37.6 | 37.6 | 37.0 | 35.9 | 35.3 | 35.9 | 34.1 |
| 52.5° | 12.3 | 12.9 | 12.3 | 11.8 | 12.3 | 12.9 | 12.3 | 12.3 | 12.3 | 12.3 | 12.3 |
| 55° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.4 | 2.4 | 2.9 | 2.9 | 2.9 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 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):

| | 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 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 | 0.0 |



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CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MB_5000K

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|--------|-------|-------|------|--------|------|--------|------|
| 0° | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| 2.5° | 35.9 | 30.6 | 25.3 | 20.0 | 14.7 | 11.8 | 11.2 | 10.6 |
| 5° | 54.1 | 43.5 | 28.8 | 17.0 | 10.0 | 7.1 | 5.3 | 4.7 |
| 7.5° | 72.9 | 54.1 | 31.7 | 14.1 | 7.1 | 2.9 | 1.2 | 0.6 |
| 10° | 104.6 | 64.1 | 32.9 | 11.2 | 3.5 | 0.0 | 0.0 | 0.0 |
| 12.5° | 205.1 | 73.5 | 32.3 | 8.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 15° | 340.9 | 102.9 | 30.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 558.4 | 132.8 | 25.9 | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 865.9 | 147.5 | 20.0 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21° | 1015.2 | 148.7 | 17.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 1144.5 | 148.7 | 15.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23° | 1264.4 | 147.0 | 13.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 1363.2 | 144.6 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 1437.2 | 141.1 | 11.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 1471.3 | 136.4 | 9.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27° | 1488.4 | 129.9 | 8.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 1476.6 | 122.9 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29° | 1447.2 | 115.2 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 1409.0 | 106.4 | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31° | 1353.2 | 97.6 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 1276.7 | 88.8 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33° | 1174.5 | 79.4 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 1048.1 | 70.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 906.4 | 61.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 784.7 | 52.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37° | 662.5 | 42.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 554.9 | 33.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 39° | 459.1 | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 380.3 | 18.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 210.4 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 127.6 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 74.1 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 28.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 9.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 2.4 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.6 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 1.2 | 1.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: LDSQA3D09R15W2N902765DE010 3LSQCA30R 1MB_5000K

CANDELA DISTRIBUTION (continued):

| | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|-------|-------|-----|-------|-----|--------|------|--------|------|
| 82.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.6 | 1.2 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)