

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: P1313840

Luminaire Tested: LDSQA3D17R359727DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313840
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359727DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

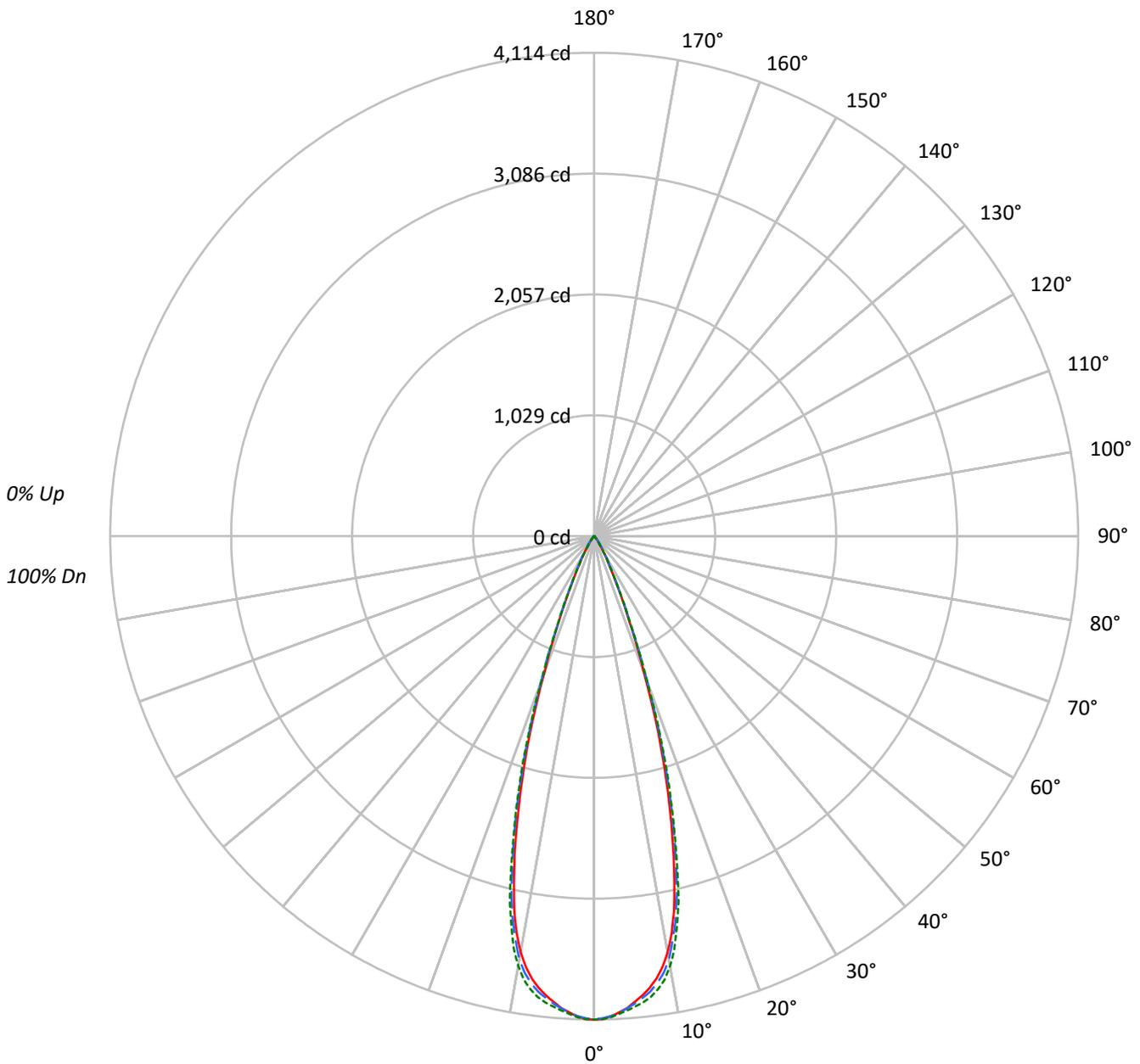
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1382.0 lumens
Efficiency: N/A
Efficacy: 65.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: 24 FT

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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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 102 | 102 | 100 |
| 1 | 115 | 113 | 111 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 99 | 98 | 98 | 98 | 98 | 96 |
| 2 | 111 | 107 | 104 | 101 | 109 | 105 | 103 | 100 | 102 | 100 | 98 | 99 | 98 | 96 | 97 | 95 | 94 | 94 | 94 | 94 | 93 |
| 3 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 95 | 98 | 96 | 93 | 96 | 94 | 92 | 94 | 92 | 90 | 94 | 92 | 90 | 89 |
| 4 | 103 | 98 | 94 | 91 | 102 | 97 | 93 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 89 | 87 | 91 | 89 | 87 | 86 |
| 5 | 100 | 94 | 90 | 86 | 99 | 93 | 89 | 86 | 91 | 88 | 85 | 90 | 87 | 85 | 89 | 86 | 84 | 89 | 86 | 84 | 83 |
| 6 | 97 | 90 | 86 | 83 | 96 | 90 | 86 | 83 | 88 | 85 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | 86 | 83 | 81 | 80 |
| 7 | 94 | 87 | 83 | 80 | 93 | 87 | 82 | 79 | 85 | 82 | 79 | 84 | 81 | 79 | 83 | 81 | 78 | 83 | 81 | 78 | 77 |
| 8 | 91 | 84 | 80 | 77 | 90 | 84 | 79 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 81 | 78 | 76 | 81 | 78 | 76 | 75 |
| 9 | 88 | 81 | 77 | 74 | 88 | 81 | 77 | 74 | 80 | 76 | 74 | 79 | 76 | 74 | 79 | 76 | 73 | 79 | 76 | 73 | 72 |
| 10 | 86 | 79 | 75 | 72 | 85 | 78 | 74 | 72 | 78 | 74 | 71 | 77 | 74 | 71 | 76 | 73 | 71 | 76 | 73 | 71 | 70 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 708558 | 708558 | 708558 |
| 5° | 687598 | 690018 | 694686 |
| 10° | 628971 | 639901 | 649712 |
| 15° | 451486 | 468014 | 472828 |
| 20° | 227097 | 240347 | 240934 |
| 25° | 86063 | 88742 | 89142 |
| 30° | 34961 | 40111 | 34304 |
| 35° | 12699 | 19279 | 12236 |
| 40° | 5328 | 8251 | 5081 |
| 45° | 1315 | 3410 | 1315 |
| 50° | 857 | 1447 | 857 |
| 55° | 961 | 961 | 961 |
| 60° | 1102 | 1102 | 1102 |
| 65° | 897 | 897 | 897 |
| 70° | 554 | 554 | 554 |
| 75° | 732 | 732 | 732 |
| 80° | 1091 | 1091 | 1091 |
| 85° | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3410 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 372.0 | 26.9 |
| 10°-20° | 693.0 | 50.1 |
| 20°-30° | 249.2 | 18.0 |
| 30°-40° | 52.4 | 3.8 |
| 40°-50° | 9.0 | 0.7 |
| 50°-60° | 2.9 | 0.2 |
| 60°-70° | 2.2 | 0.2 |
| 70°-80° | 1.2 | 0.1 |
| 80°-90° | 0.2 | 0.0 |
| 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° | 1314.2 | 95.1 |
| 0°-40° | 1366.6 | 98.9 |
| 0°-60° | 1378.5 | 99.7 |
| 0°-90° | 1382.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1382.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 4114 | 4114 | 4114 | 4114 | 4114 | |
| 5° | 3977 | 3985 | 3991 | 4018 | 4018 | 369 |
| 15° | 2532 | 2576 | 2625 | 2653 | 2652 | 674 |
| 25° | 453 | 459 | 467 | 471 | 469 | 241 |
| 35° | 60 | 71 | 92 | 70 | 58 | 46 |
| 45° | 5 | 9 | 14 | 9 | 5 | 6 |
| 55° | 3 | 3 | 3 | 3 | 3 | 3 |
| 65° | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 1 | 1 | 1 | 1 | 1 | 1 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P1313840
 CATALOG NUMBER: LDSQA3D17R359727DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 4114.2 | 4114.2 | 4114.2 | 4114.2 | 4114.2 |
| 1° | 4112.1 | 4112.1 | 4103.4 | 4113.2 | 4109.9 |
| 2° | 4089.4 | 4091.6 | 4086.2 | 4098.1 | 4097.0 |
| 3° | 4058.2 | 4063.5 | 4059.2 | 4076.5 | 4071.1 |
| 4° | 4024.7 | 4029.0 | 4026.9 | 4048.4 | 4046.3 |
| 5° | 3977.3 | 3984.8 | 3991.3 | 4018.3 | 4018.3 |
| 6° | 3928.7 | 3936.3 | 3950.3 | 3979.4 | 3989.1 |
| 7° | 3872.7 | 3882.4 | 3905.0 | 3943.8 | 3950.3 |
| 8° | 3801.5 | 3812.3 | 3843.5 | 3885.6 | 3894.2 |
| 9° | 3713.1 | 3729.2 | 3764.8 | 3815.5 | 3820.9 |
| 10° | 3596.6 | 3609.5 | 3659.1 | 3701.2 | 3715.2 |
| 11° | 3445.6 | 3456.4 | 3500.6 | 3568.5 | 3577.2 |
| 12° | 3262.3 | 3275.2 | 3332.4 | 3376.6 | 3385.2 |
| 13° | 3030.4 | 3055.2 | 3124.2 | 3167.4 | 3191.1 |
| 14° | 2792.1 | 2825.5 | 2875.1 | 2936.6 | 2921.5 |
| 15° | 2532.2 | 2576.4 | 2624.9 | 2653.0 | 2651.9 |
| 17.5° | 1894.8 | 1920.7 | 1963.8 | 1980.0 | 2001.6 |
| 20° | 1239.1 | 1272.6 | 1311.4 | 1326.5 | 1314.6 |
| 22.5° | 768.9 | 777.6 | 789.4 | 795.9 | 793.7 |
| 25° | 452.9 | 459.4 | 467.0 | 471.3 | 469.1 |
| 27.5° | 272.8 | 287.9 | 298.7 | 285.8 | 278.2 |
| 30° | 175.8 | 182.3 | 201.7 | 184.4 | 172.5 |
| 32.5° | 104.6 | 119.7 | 135.9 | 115.4 | 100.3 |
| 35° | 60.4 | 71.2 | 91.7 | 70.1 | 58.2 |
| 37.5° | 38.8 | 44.2 | 59.3 | 43.1 | 37.7 |
| 40° | 23.7 | 30.2 | 36.7 | 28.0 | 22.6 |
| 42.5° | 11.9 | 18.3 | 21.6 | 16.2 | 11.9 |
| 45° | 5.4 | 8.6 | 14.0 | 8.6 | 5.4 |
| 47.5° | 3.2 | 4.3 | 8.6 | 4.3 | 3.2 |
| 50° | 3.2 | 3.2 | 5.4 | 3.2 | 3.2 |
| 52.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 55° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 57.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 60° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 62.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 65° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 67.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 70° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 72.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 75° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 77.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 80° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 82.5° | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)