

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: P1308735

Luminaire Tested: LDSQA3D02R259030DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308735
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R259030DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

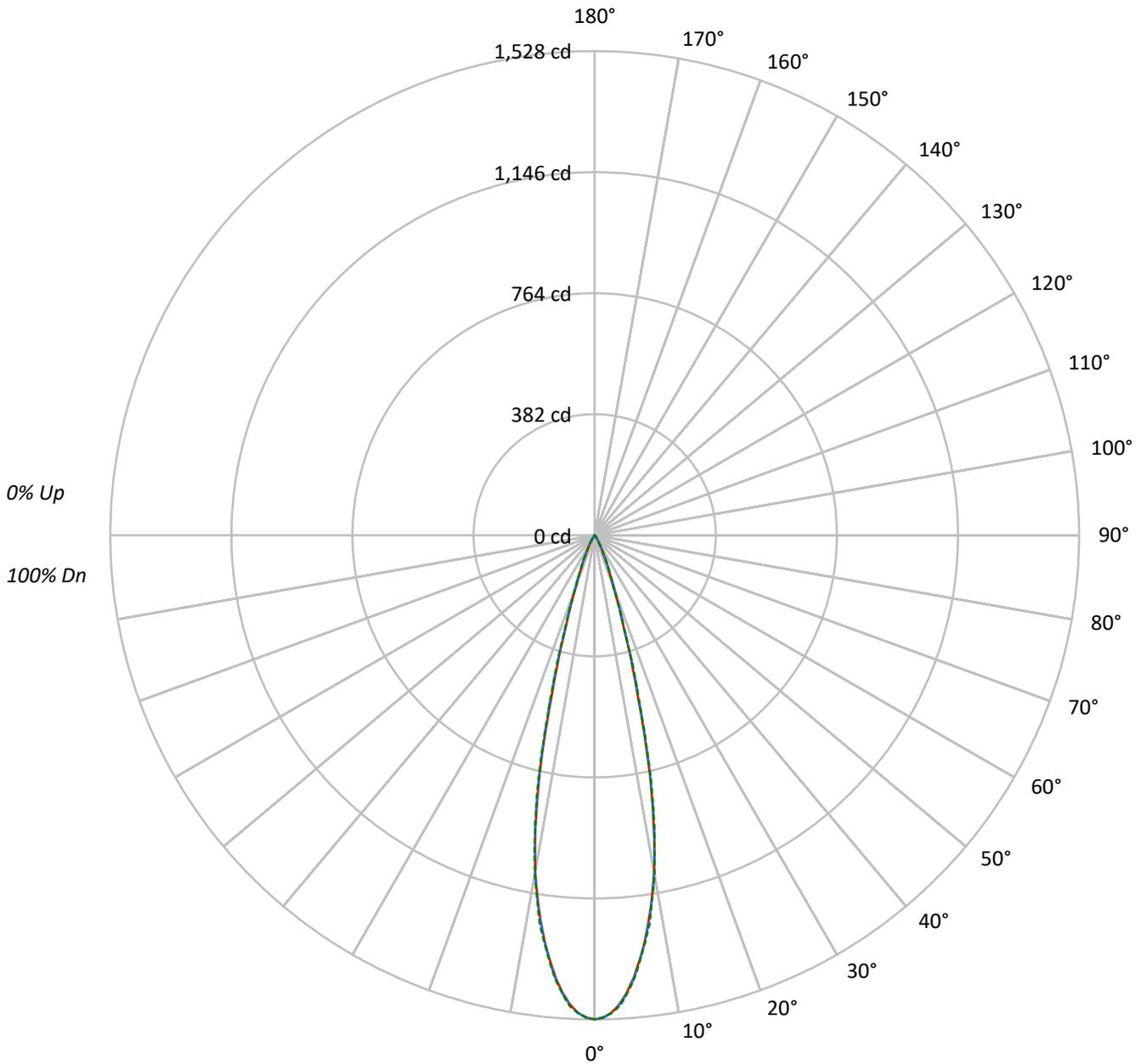
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

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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 | | | | | | | | | 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 | 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 | 99 | 99 | 97 | 97 | 97 | 94 | 94 | 94 | 92 | 92 | 92 | 87 | | | | | | | | | | | | | | | | |
| 1 | 115 | 113 | 111 | 110 | 113 | 111 | 110 | 108 | 107 | 106 | 105 | 103 | 103 | 102 | 100 | 99 | 99 | 97 | 97 | 97 | 94 | 94 | 94 | 92 | 92 | 92 | 89 | 89 | 89 | 84 | | | | | | | | | | | | | | | | |
| 2 | 112 | 108 | 105 | 103 | 110 | 107 | 104 | 102 | 104 | 102 | 100 | 101 | 99 | 98 | 98 | 97 | 96 | 94 | 94 | 94 | 92 | 92 | 92 | 89 | 89 | 89 | 87 | 87 | 87 | 82 | | | | | | | | | | | | | | | | |
| 3 | 108 | 104 | 101 | 98 | 107 | 103 | 100 | 97 | 100 | 98 | 96 | 98 | 96 | 94 | 96 | 94 | 93 | 92 | 92 | 92 | 89 | 89 | 89 | 87 | 87 | 87 | 84 | 84 | 84 | 80 | | | | | | | | | | | | | | | | |
| 4 | 105 | 100 | 97 | 94 | 104 | 99 | 96 | 93 | 97 | 95 | 92 | 96 | 93 | 91 | 94 | 92 | 90 | 89 | 89 | 89 | 87 | 87 | 87 | 84 | 84 | 84 | 82 | 82 | 82 | 78 | | | | | | | | | | | | | | | | |
| 5 | 103 | 97 | 93 | 90 | 101 | 96 | 93 | 90 | 95 | 92 | 89 | 93 | 91 | 89 | 92 | 90 | 88 | 87 | 87 | 87 | 84 | 84 | 84 | 82 | 82 | 82 | 80 | 80 | 80 | 78 | | | | | | | | | | | | | | | | |
| 6 | 100 | 94 | 90 | 87 | 99 | 93 | 90 | 87 | 92 | 89 | 87 | 91 | 88 | 86 | 90 | 87 | 85 | 84 | 84 | 84 | 82 | 82 | 82 | 80 | 80 | 80 | 78 | 78 | 78 | 77 | | | | | | | | | | | | | | | | |
| 7 | 97 | 91 | 87 | 85 | 96 | 91 | 87 | 84 | 90 | 86 | 84 | 89 | 86 | 84 | 88 | 85 | 83 | 82 | 82 | 82 | 80 | 80 | 80 | 78 | 78 | 78 | 77 | 77 | 77 | 77 | | | | | | | | | | | | | | | | |
| 8 | 95 | 89 | 85 | 82 | 94 | 88 | 85 | 82 | 87 | 84 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | 80 | 80 | 80 | 78 | 78 | 78 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | | | | | | | | | | | | | | | | |
| 9 | 93 | 86 | 83 | 80 | 92 | 86 | 82 | 80 | 85 | 82 | 80 | 85 | 82 | 80 | 84 | 81 | 79 | 78 | 78 | 78 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | | | | | | | | | | | | | | | | |
| 10 | 91 | 84 | 81 | 78 | 90 | 84 | 80 | 78 | 83 | 80 | 78 | 83 | 80 | 78 | 82 | 79 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 263105 | 263105 | 263105 |
| 5° | 242603 | 243156 | 243658 |
| 10° | 188363 | 189045 | 190076 |
| 15° | 93089 | 96994 | 97048 |
| 20° | 31340 | 33448 | 31963 |
| 25° | 12979 | 14423 | 13359 |
| 30° | 5091 | 6403 | 5151 |
| 35° | 1325 | 2607 | 1388 |
| 40° | 495 | 1034 | 495 |
| 45° | 49 | 292 | 49 |
| 50° | 0 | 54 | 0 |
| 55° | 0 | 0 | 0 |
| 60° | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 292 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 123.8 | 38.9 |
| 10°-20° | 149.7 | 47.1 |
| 20°-30° | 36.6 | 11.5 |
| 30°-40° | 7.1 | 2.2 |
| 40°-50° | 0.8 | 0.2 |
| 50°-60° | 0.0 | 0.0 |
| 60°-70° | 0.0 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 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° | 310.1 | 97.5 |
| 0°-40° | 317.2 | 99.7 |
| 0°-60° | 318.0 | 100.0 |
| 0°-90° | 318.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 318.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 1528 | 1528 | 1528 | 1528 | 1528 | |
| 5° | 1403 | 1405 | 1406 | 1413 | 1409 | 123 |
| 15° | 522 | 534 | 544 | 549 | 544 | 147 |
| 25° | 68 | 72 | 76 | 73 | 70 | 35 |
| 35° | 6 | 9 | 12 | 9 | 7 | 6 |
| 45° | 0 | 1 | 1 | 1 | 0 | 0 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 1527.7 | 1527.7 | 1527.7 | 1527.7 | 1527.7 |
| 1° | 1521.9 | 1522.8 | 1523.1 | 1524.6 | 1521.6 |
| 2° | 1508.0 | 1508.2 | 1508.9 | 1511.9 | 1509.2 |
| 3° | 1482.3 | 1484.1 | 1484.3 | 1488.2 | 1488.9 |
| 4° | 1447.5 | 1448.4 | 1450.4 | 1457.0 | 1451.1 |
| 5° | 1403.3 | 1405.3 | 1406.5 | 1412.6 | 1409.4 |
| 6° | 1348.7 | 1349.1 | 1351.8 | 1358.9 | 1354.5 |
| 7° | 1293.0 | 1292.8 | 1293.0 | 1298.6 | 1297.4 |
| 8° | 1225.9 | 1224.7 | 1228.6 | 1235.5 | 1240.1 |
| 9° | 1155.9 | 1157.6 | 1160.1 | 1166.7 | 1161.3 |
| 10° | 1077.1 | 1081.8 | 1081.0 | 1081.5 | 1086.9 |
| 11° | 986.4 | 987.8 | 988.1 | 993.2 | 992.5 |
| 12° | 879.7 | 879.7 | 887.8 | 896.1 | 893.4 |
| 13° | 772.2 | 779.7 | 774.4 | 776.1 | 786.8 |
| 14° | 646.8 | 652.6 | 659.9 | 666.8 | 661.4 |
| 15° | 522.1 | 534.5 | 544.0 | 549.4 | 544.3 |
| 17.5° | 299.1 | 303.3 | 311.3 | 312.3 | 309.1 |
| 20° | 171.0 | 176.1 | 182.5 | 180.5 | 174.4 |
| 22.5° | 107.6 | 109.1 | 115.4 | 112.2 | 110.8 |
| 25° | 68.3 | 72.0 | 75.9 | 72.7 | 70.3 |
| 27.5° | 42.5 | 44.9 | 49.0 | 45.6 | 42.9 |
| 30° | 25.6 | 27.8 | 32.2 | 27.6 | 25.9 |
| 32.5° | 13.4 | 16.6 | 20.2 | 16.8 | 13.4 |
| 35° | 6.3 | 9.0 | 12.4 | 9.0 | 6.6 |
| 37.5° | 3.9 | 4.9 | 7.6 | 4.9 | 3.9 |
| 40° | 2.2 | 3.2 | 4.6 | 3.2 | 2.2 |
| 42.5° | 1.0 | 1.7 | 2.2 | 1.7 | 1.2 |
| 45° | 0.2 | 0.7 | 1.2 | 0.7 | 0.2 |
| 47.5° | 0.0 | 0.0 | 0.7 | 0.2 | 0.0 |
| 50° | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 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)