

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: P1315115

Luminaire Tested: LDSQA3D02R259735DE010 3LSQPHRL1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315115
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R259735DE010 3LSQPHRL1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , 3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

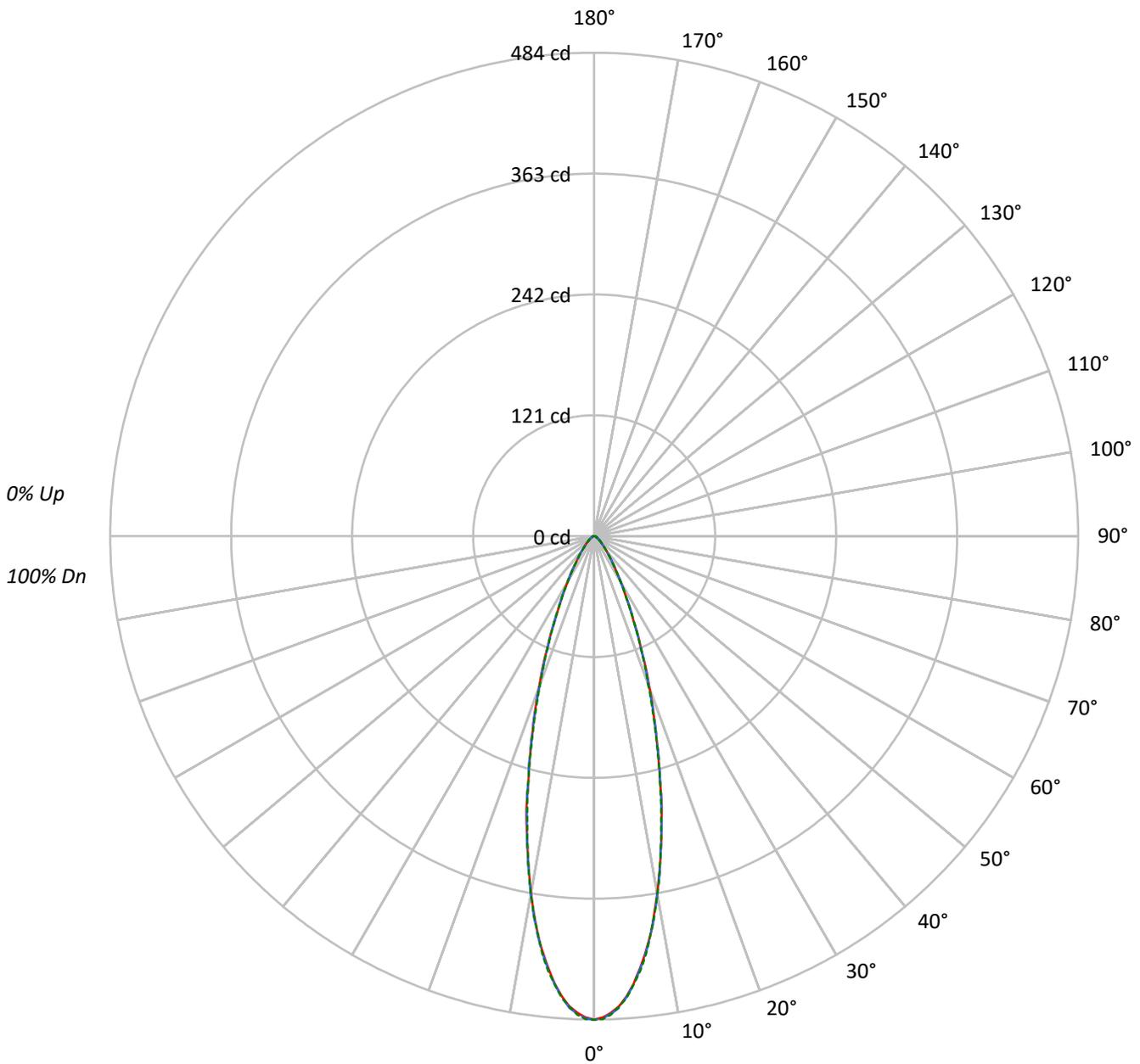
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
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 (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 | 114 | 111 | 109 | 107 | 111 | 109 | 107 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 98 | 97 | 96 | 96 | 96 | 96 | 94 |
| 2 | 109 | 104 | 100 | 97 | 106 | 102 | 99 | 96 | 99 | 96 | 94 | 96 | 94 | 92 | 93 | 92 | 90 | 93 | 92 | 90 | 88 |
| 3 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 89 | 94 | 90 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 89 | 87 | 85 | 83 |
| 4 | 99 | 92 | 87 | 83 | 97 | 91 | 86 | 83 | 89 | 85 | 82 | 87 | 84 | 81 | 85 | 82 | 80 | 85 | 82 | 80 | 79 |
| 5 | 95 | 87 | 82 | 78 | 93 | 86 | 81 | 78 | 85 | 80 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 82 | 78 | 76 | 74 |
| 6 | 91 | 83 | 78 | 74 | 90 | 82 | 77 | 73 | 81 | 76 | 73 | 79 | 76 | 73 | 78 | 75 | 72 | 78 | 75 | 72 | 71 |
| 7 | 87 | 79 | 74 | 70 | 86 | 78 | 73 | 70 | 77 | 73 | 69 | 76 | 72 | 69 | 75 | 71 | 69 | 75 | 71 | 69 | 67 |
| 8 | 84 | 76 | 70 | 67 | 83 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 66 | 72 | 68 | 66 | 72 | 68 | 66 | 64 |
| 9 | 81 | 72 | 67 | 64 | 80 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 63 | 69 | 66 | 63 | 69 | 66 | 63 | 62 |
| 10 | 78 | 69 | 64 | 61 | 77 | 69 | 64 | 61 | 68 | 64 | 61 | 67 | 63 | 60 | 67 | 63 | 60 | 67 | 63 | 60 | 59 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 83390 | 83390 | 83390 |
| 5° | 77831 | 77917 | 77952 |
| 10° | 63481 | 63674 | 63674 |
| 15° | 45341 | 45591 | 45341 |
| 20° | 29672 | 29379 | 28976 |
| 25° | 17634 | 17729 | 17634 |
| 30° | 10619 | 10619 | 10580 |
| 35° | 6476 | 6518 | 6476 |
| 40° | 4114 | 4182 | 4182 |
| 45° | 2874 | 2874 | 2874 |
| 50° | 2063 | 2117 | 2117 |
| 55° | 1621 | 1621 | 1711 |
| 60° | 1309 | 1412 | 1412 |
| 65° | 1182 | 1182 | 1182 |
| 70° | 1007 | 1007 | 1158 |
| 75° | 932 | 932 | 1065 |
| 80° | 893 | 893 | 893 |
| 85° | 395 | 395 | 395 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2874 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.2 | 20.7 |
| 10°-20° | 70.1 | 36.2 |
| 20°-30° | 44.1 | 22.7 |
| 30°-40° | 20.2 | 10.4 |
| 40°-50° | 9.4 | 4.9 |
| 50°-60° | 5.1 | 2.6 |
| 60°-70° | 3.0 | 1.5 |
| 70°-80° | 1.6 | 0.8 |
| 80°-90° | 0.3 | 0.2 |
| 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° | 154.5 | 79.6 |
| 0°-40° | 174.6 | 90.0 |
| 0°-60° | 189.1 | 97.5 |
| 0°-90° | 194.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 194.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 484 | 484 | 484 | 484 | 484 | |
| 5° | 450 | 451 | 451 | 451 | 451 | 40 |
| 15° | 254 | 256 | 256 | 256 | 254 | 70 |
| 25° | 93 | 94 | 93 | 93 | 93 | 44 |
| 35° | 31 | 31 | 31 | 31 | 31 | 20 |
| 45° | 12 | 12 | 12 | 12 | 12 | 9 |
| 55° | 5 | 5 | 5 | 6 | 6 | 5 |
| 65° | 3 | 3 | 3 | 3 | 3 | 3 |
| 75° | 1 | 1 | 1 | 2 | 2 | 2 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 484.2 | 484.2 | 484.2 | 484.2 | 484.2 |
| 1° | 482.1 | 482.6 | 483.0 | 483.7 | 483.5 |
| 2° | 477.6 | 478.5 | 478.7 | 479.6 | 479.4 |
| 3° | 471.5 | 471.3 | 473.1 | 473.1 | 471.9 |
| 4° | 462.0 | 462.4 | 462.9 | 463.3 | 463.6 |
| 5° | 450.2 | 451.1 | 450.7 | 451.1 | 450.9 |
| 6° | 435.7 | 437.1 | 436.8 | 437.3 | 438.0 |
| 7° | 420.3 | 421.2 | 421.2 | 420.8 | 422.6 |
| 8° | 403.6 | 402.9 | 404.0 | 403.6 | 403.3 |
| 9° | 383.6 | 385.0 | 385.2 | 384.1 | 384.5 |
| 10° | 363.0 | 363.9 | 364.1 | 364.8 | 364.1 |
| 11° | 342.6 | 342.6 | 343.1 | 344.2 | 342.4 |
| 12° | 320.4 | 322.5 | 320.4 | 321.3 | 320.4 |
| 13° | 299.4 | 299.8 | 299.4 | 299.2 | 297.6 |
| 14° | 279.5 | 277.9 | 278.3 | 276.5 | 276.7 |
| 15° | 254.3 | 255.9 | 255.7 | 256.1 | 254.3 |
| 17.5° | 204.5 | 205.4 | 205.2 | 204.7 | 202.5 |
| 20° | 161.9 | 161.9 | 160.3 | 159.4 | 158.1 |
| 22.5° | 123.6 | 123.2 | 122.5 | 121.8 | 122.3 |
| 25° | 92.8 | 94.0 | 93.3 | 93.3 | 92.8 |
| 27.5° | 70.2 | 71.6 | 70.4 | 69.7 | 70.2 |
| 30° | 53.4 | 53.9 | 53.4 | 53.2 | 53.2 |
| 32.5° | 40.3 | 40.5 | 40.3 | 40.3 | 40.3 |
| 35° | 30.8 | 30.8 | 31.0 | 31.0 | 30.8 |
| 37.5° | 23.8 | 23.8 | 23.8 | 23.8 | 24.0 |
| 40° | 18.3 | 18.6 | 18.6 | 18.6 | 18.6 |
| 42.5° | 14.5 | 14.7 | 14.7 | 14.7 | 14.7 |
| 45° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 47.5° | 9.5 | 9.5 | 9.5 | 9.5 | 9.7 |
| 50° | 7.7 | 7.9 | 7.9 | 7.9 | 7.9 |
| 52.5° | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 |
| 55° | 5.4 | 5.4 | 5.4 | 5.7 | 5.7 |
| 57.5° | 4.5 | 4.5 | 4.8 | 4.8 | 4.8 |
| 60° | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 |
| 62.5° | 3.4 | 3.4 | 3.6 | 3.6 | 3.6 |
| 65° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 67.5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 |
| 70° | 2.0 | 2.0 | 2.0 | 2.3 | 2.3 |
| 72.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 1.4 | 1.4 | 1.4 | 1.6 | 1.6 |
| 77.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 80° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 82.5° | 0.5 | 0.5 | 0.7 | 0.7 | 0.7 |
| 85° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 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)