

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: P1314312

Luminaire Tested: LDSQA3D05R259730DE010 3LSQPHRL1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314312
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: LDSQA3D05R259730DE010 3LSQPHRL1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQPHRL1MMS TRIM
Light Source: -
Ballast/Driver: -

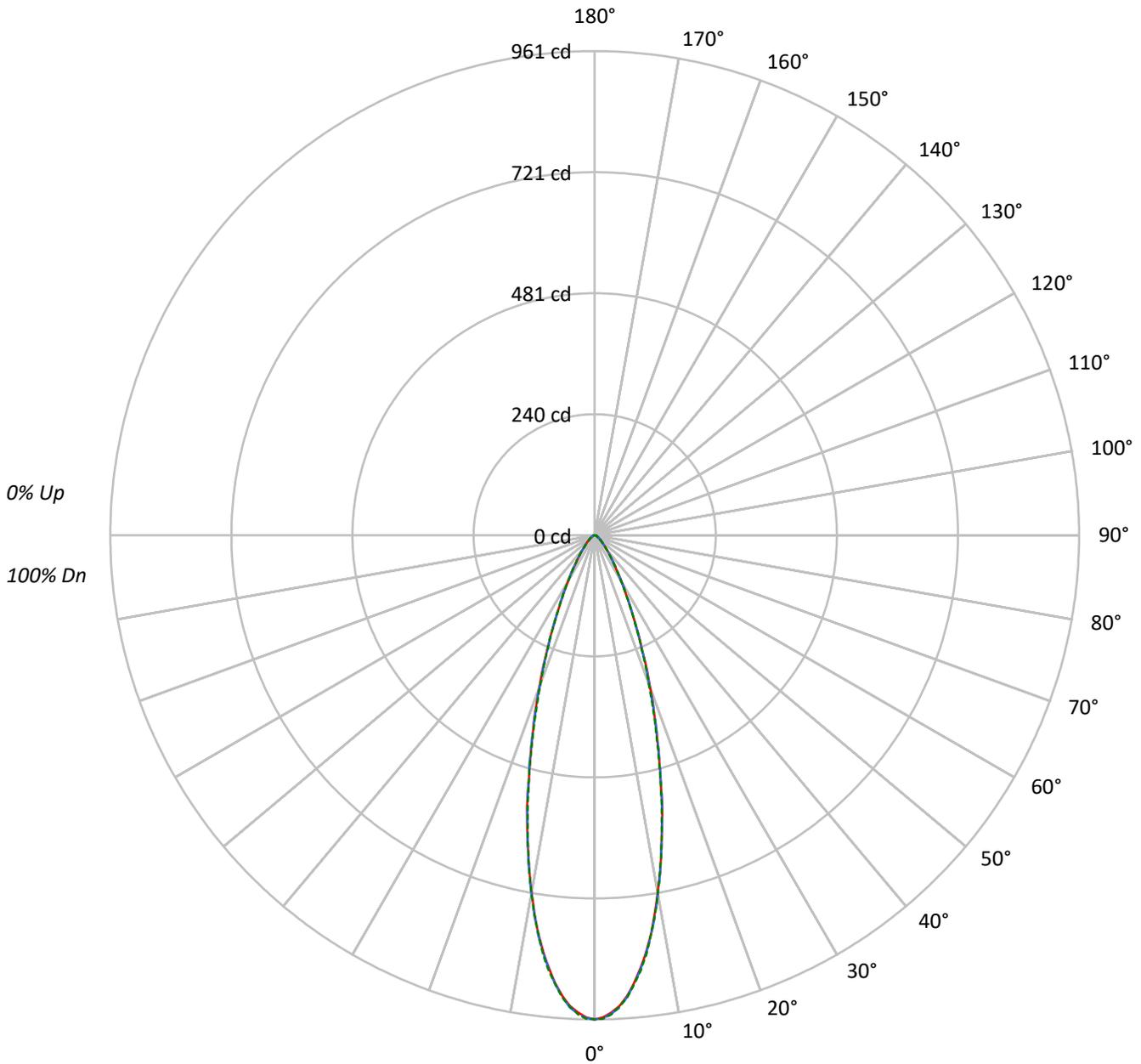
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 384.9 lumens
Efficiency: N/A
Efficacy: 53.5 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): 7.2
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% Up
100% Dn

— 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 | 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° | 165489 | 165489 | 165489 |
| 5° | 154451 | 154607 | 154693 |
| 10° | 125983 | 126385 | 126385 |
| 15° | 89987 | 90468 | 89987 |
| 20° | 58886 | 58318 | 57494 |
| 25° | 35022 | 35193 | 35022 |
| 30° | 21100 | 21100 | 21000 |
| 35° | 12846 | 12951 | 12846 |
| 40° | 8183 | 8296 | 8296 |
| 45° | 5699 | 5699 | 5699 |
| 50° | 4099 | 4207 | 4207 |
| 55° | 3243 | 3243 | 3363 |
| 60° | 2618 | 2790 | 2790 |
| 65° | 2364 | 2364 | 2364 |
| 70° | 2014 | 2014 | 2266 |
| 75° | 1797 | 1797 | 2063 |
| 80° | 1785 | 1785 | 1785 |
| 85° | 790 | 790 | 790 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5699 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 79.8 | 20.7 |
| 10°-20° | 139.2 | 36.2 |
| 20°-30° | 87.5 | 22.7 |
| 30°-40° | 40.0 | 10.4 |
| 40°-50° | 18.7 | 4.9 |
| 50°-60° | 10.0 | 2.6 |
| 60°-70° | 5.9 | 1.5 |
| 70°-80° | 3.1 | 0.8 |
| 80°-90° | 0.7 | 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° | 306.5 | 79.6 |
| 0°-40° | 346.6 | 90.0 |
| 0°-60° | 375.3 | 97.5 |
| 0°-90° | 384.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 384.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 961 | 961 | 961 | 961 | 961 | |
| 5° | 893 | 895 | 894 | 895 | 895 | 80 |
| 15° | 505 | 508 | 507 | 508 | 505 | 139 |
| 25° | 184 | 186 | 185 | 185 | 184 | 88 |
| 35° | 61 | 61 | 62 | 62 | 61 | 40 |
| 45° | 23 | 23 | 23 | 23 | 23 | 19 |
| 55° | 11 | 11 | 11 | 11 | 11 | 10 |
| 65° | 6 | 6 | 6 | 6 | 6 | 6 |
| 75° | 3 | 3 | 3 | 3 | 3 | 3 |
| 85° | 0 | 0 | 0 | 0 | 0 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 960.9 | 960.9 | 960.9 | 960.9 | 960.9 |
| 1° | 956.8 | 957.7 | 958.6 | 960.0 | 959.5 |
| 2° | 947.8 | 949.6 | 950.1 | 951.9 | 951.4 |
| 3° | 935.7 | 935.2 | 938.8 | 938.8 | 936.6 |
| 4° | 916.8 | 917.7 | 918.6 | 919.5 | 920.0 |
| 5° | 893.4 | 895.2 | 894.3 | 895.2 | 894.8 |
| 6° | 864.7 | 867.4 | 866.9 | 867.8 | 869.2 |
| 7° | 834.1 | 835.9 | 835.9 | 835.0 | 838.6 |
| 8° | 800.9 | 799.5 | 801.8 | 800.9 | 800.4 |
| 9° | 761.3 | 764.0 | 764.5 | 762.2 | 763.1 |
| 10° | 720.4 | 722.2 | 722.7 | 724.0 | 722.7 |
| 11° | 680.0 | 680.0 | 680.9 | 683.1 | 679.5 |
| 12° | 635.9 | 640.0 | 635.9 | 637.7 | 635.9 |
| 13° | 594.1 | 595.0 | 594.1 | 593.7 | 590.5 |
| 14° | 554.6 | 551.4 | 552.3 | 548.7 | 549.2 |
| 15° | 504.7 | 507.8 | 507.4 | 508.3 | 504.7 |
| 17.5° | 405.8 | 407.6 | 407.2 | 406.3 | 401.8 |
| 20° | 321.3 | 321.3 | 318.2 | 316.4 | 313.7 |
| 22.5° | 245.4 | 244.5 | 243.1 | 241.8 | 242.7 |
| 25° | 184.3 | 186.5 | 185.2 | 185.2 | 184.3 |
| 27.5° | 139.3 | 142.0 | 139.8 | 138.4 | 139.3 |
| 30° | 106.1 | 107.0 | 106.1 | 105.6 | 105.6 |
| 32.5° | 80.0 | 80.4 | 80.0 | 80.0 | 80.0 |
| 35° | 61.1 | 61.1 | 61.6 | 61.6 | 61.1 |
| 37.5° | 47.2 | 47.2 | 47.2 | 47.2 | 47.6 |
| 40° | 36.4 | 36.9 | 36.9 | 36.9 | 36.9 |
| 42.5° | 28.8 | 29.2 | 29.2 | 29.2 | 29.2 |
| 45° | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 |
| 47.5° | 18.9 | 18.9 | 18.9 | 18.9 | 19.3 |
| 50° | 15.3 | 15.7 | 15.7 | 15.7 | 15.7 |
| 52.5° | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| 55° | 10.8 | 10.8 | 10.8 | 11.2 | 11.2 |
| 57.5° | 9.0 | 9.0 | 9.4 | 9.4 | 9.4 |
| 60° | 7.6 | 8.1 | 8.1 | 8.1 | 8.1 |
| 62.5° | 6.7 | 6.7 | 7.2 | 7.2 | 7.2 |
| 65° | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| 67.5° | 4.9 | 4.9 | 4.9 | 4.9 | 5.4 |
| 70° | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 |
| 72.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 75° | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 0.9 | 0.9 | 1.3 | 1.3 | 1.3 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 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)