

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: P1323891

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQPHRL1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323891
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: LDSQA3D13R259030D2WDE010 3LSQPHRL1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

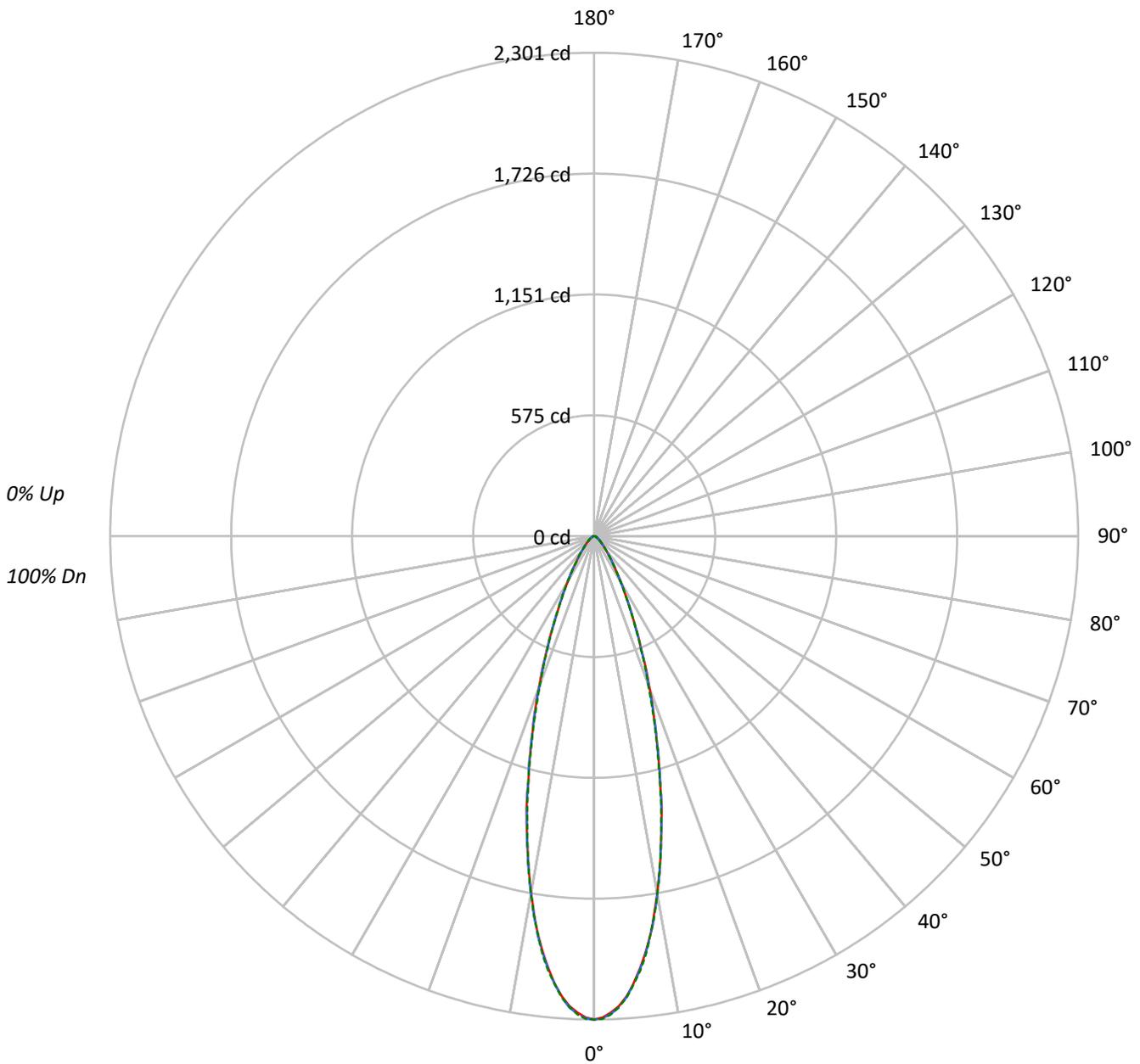
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 922.0 lumens
Efficiency: N/A
Efficacy: 45.9 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): 20.1
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 | | | | |
| 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 | 72 | 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° | 396302 | 396302 | 396302 |
| 5° | 369895 | 370275 | 370448 |
| 10° | 301720 | 302646 | 302646 |
| 15° | 215491 | 216650 | 215491 |
| 20° | 141031 | 139656 | 137677 |
| 25° | 83859 | 84258 | 83859 |
| 30° | 50512 | 50512 | 50293 |
| 35° | 30780 | 30990 | 30780 |
| 40° | 19604 | 19852 | 19852 |
| 45° | 13639 | 13639 | 13639 |
| 50° | 9806 | 10101 | 10101 |
| 55° | 7747 | 7747 | 8077 |
| 60° | 6303 | 6682 | 6682 |
| 65° | 5705 | 5705 | 5705 |
| 70° | 4884 | 4884 | 5438 |
| 75° | 4325 | 4325 | 4991 |
| 80° | 4265 | 4265 | 4265 |
| 85° | 2174 | 2174 | 2174 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13639 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 191.2 | 20.7 |
| 10°-20° | 333.3 | 36.1 |
| 20°-30° | 209.5 | 22.7 |
| 30°-40° | 95.9 | 10.4 |
| 40°-50° | 44.8 | 4.9 |
| 50°-60° | 24.1 | 2.6 |
| 60°-70° | 14.2 | 1.5 |
| 70°-80° | 7.4 | 0.8 |
| 80°-90° | 1.7 | 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° | 734.1 | 79.6 |
| 0°-40° | 829.9 | 90.0 |
| 0°-60° | 898.8 | 97.5 |
| 0°-90° | 922.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 922.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 2301 | 2301 | 2301 | 2301 | 2301 | |
| 5° | 2140 | 2144 | 2142 | 2144 | 2143 | 191 |
| 15° | 1209 | 1216 | 1215 | 1217 | 1209 | 333 |
| 25° | 441 | 447 | 443 | 443 | 441 | 210 |
| 35° | 146 | 146 | 147 | 147 | 146 | 96 |
| 45° | 56 | 56 | 56 | 56 | 56 | 44 |
| 55° | 26 | 26 | 26 | 27 | 27 | 24 |
| 65° | 14 | 14 | 14 | 14 | 14 | 14 |
| 75° | 6 | 6 | 6 | 8 | 8 | 7 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1323891

CATALOG NUMBER: LDSQA3D13R259030D2WDE010 3LSQPHRL1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 2301.1 | 2301.1 | 2301.1 | 2301.1 | 2301.1 |
| 1° | 2291.4 | 2293.5 | 2295.7 | 2298.9 | 2297.8 |
| 2° | 2269.8 | 2274.2 | 2275.2 | 2279.5 | 2278.5 |
| 3° | 2240.8 | 2239.7 | 2248.3 | 2248.3 | 2242.9 |
| 4° | 2195.6 | 2197.7 | 2199.9 | 2202.0 | 2203.1 |
| 5° | 2139.6 | 2143.9 | 2141.8 | 2143.9 | 2142.8 |
| 6° | 2070.7 | 2077.2 | 2076.1 | 2078.3 | 2081.5 |
| 7° | 1997.6 | 2001.9 | 2001.9 | 1999.7 | 2008.3 |
| 8° | 1917.9 | 1914.7 | 1920.1 | 1917.9 | 1916.8 |
| 9° | 1823.2 | 1829.7 | 1830.7 | 1825.4 | 1827.5 |
| 10° | 1725.3 | 1729.6 | 1730.6 | 1733.9 | 1730.6 |
| 11° | 1628.4 | 1628.4 | 1630.5 | 1635.9 | 1627.3 |
| 12° | 1522.9 | 1532.6 | 1522.9 | 1527.2 | 1522.9 |
| 13° | 1422.8 | 1425.0 | 1422.8 | 1421.7 | 1414.2 |
| 14° | 1328.1 | 1320.6 | 1322.7 | 1314.1 | 1315.2 |
| 15° | 1208.6 | 1216.2 | 1215.1 | 1217.3 | 1208.6 |
| 17.5° | 971.9 | 976.2 | 975.1 | 972.9 | 962.2 |
| 20° | 769.5 | 769.5 | 762.0 | 757.7 | 751.2 |
| 22.5° | 587.6 | 585.5 | 582.3 | 579.0 | 581.2 |
| 25° | 441.3 | 446.7 | 443.4 | 443.4 | 441.3 |
| 27.5° | 333.6 | 340.1 | 334.7 | 331.5 | 333.6 |
| 30° | 254.0 | 256.2 | 254.0 | 252.9 | 252.9 |
| 32.5° | 191.6 | 192.7 | 191.6 | 191.6 | 191.6 |
| 35° | 146.4 | 146.4 | 147.4 | 147.4 | 146.4 |
| 37.5° | 113.0 | 113.0 | 113.0 | 113.0 | 114.1 |
| 40° | 87.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| 42.5° | 68.9 | 70.0 | 70.0 | 70.0 | 70.0 |
| 45° | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| 47.5° | 45.2 | 45.2 | 45.2 | 45.2 | 46.3 |
| 50° | 36.6 | 37.7 | 37.7 | 37.7 | 37.7 |
| 52.5° | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 |
| 55° | 25.8 | 25.8 | 25.8 | 26.9 | 26.9 |
| 57.5° | 21.5 | 21.5 | 22.6 | 22.6 | 22.6 |
| 60° | 18.3 | 19.4 | 19.4 | 19.4 | 19.4 |
| 62.5° | 16.1 | 16.1 | 17.2 | 17.2 | 17.2 |
| 65° | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| 67.5° | 11.8 | 11.8 | 11.8 | 11.8 | 12.9 |
| 70° | 9.7 | 9.7 | 9.7 | 10.8 | 10.8 |
| 72.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.6 |
| 75° | 6.5 | 6.5 | 6.5 | 7.5 | 7.5 |
| 77.5° | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| 80° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 82.5° | 2.2 | 2.2 | 3.2 | 3.2 | 3.2 |
| 85° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 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)