

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: P1314781

Luminaire Tested: LDSQA3D17R259730DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259730DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

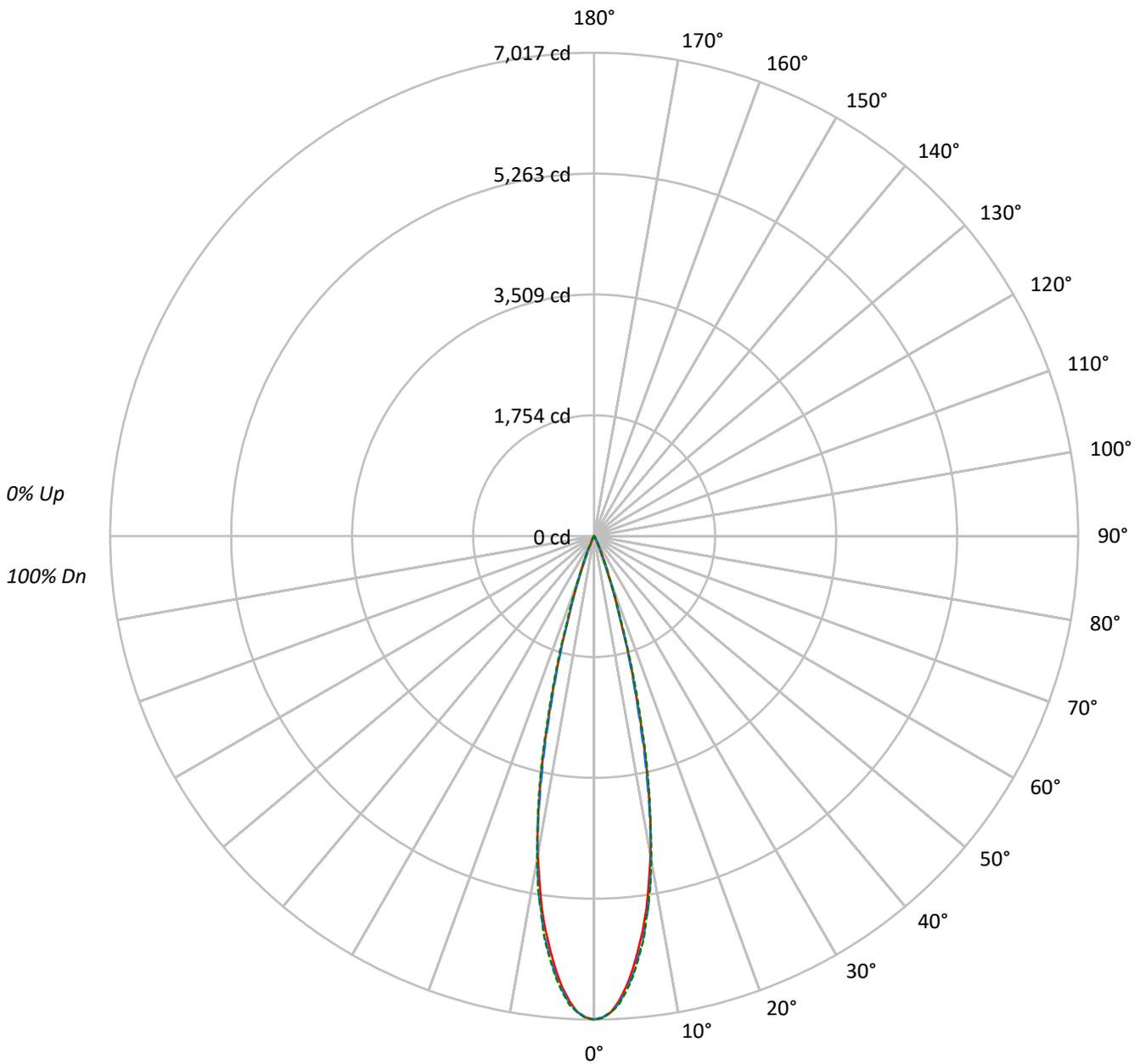
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1295.0 lumens
Efficiency: N/A
Efficacy: 61.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
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 | 112 | 110 | 113 | 111 | 110 | 108 | 107 | 106 | 105 | 104 | 103 | 102 | 100 | 100 | 99 | 99 | 99 | 99 | 97 |
| 2 | 112 | 109 | 106 | 104 | 110 | 107 | 105 | 103 | 104 | 102 | 101 | 101 | 100 | 98 | 99 | 97 | 96 | 96 | 96 | 96 | 95 |
| 3 | 109 | 105 | 102 | 99 | 107 | 104 | 101 | 98 | 101 | 99 | 97 | 99 | 97 | 95 | 97 | 95 | 94 | 94 | 94 | 94 | 93 |
| 4 | 106 | 101 | 98 | 95 | 105 | 100 | 97 | 95 | 99 | 96 | 94 | 97 | 94 | 93 | 95 | 93 | 92 | 92 | 92 | 92 | 91 |
| 5 | 104 | 98 | 95 | 92 | 102 | 98 | 94 | 92 | 96 | 93 | 91 | 95 | 92 | 90 | 93 | 91 | 89 | 89 | 89 | 89 | 88 |
| 6 | 101 | 96 | 92 | 89 | 100 | 95 | 92 | 89 | 94 | 91 | 89 | 93 | 90 | 88 | 91 | 89 | 87 | 87 | 87 | 87 | 86 |
| 7 | 99 | 93 | 89 | 87 | 98 | 93 | 89 | 87 | 92 | 89 | 86 | 91 | 88 | 86 | 90 | 87 | 86 | 86 | 86 | 86 | 85 |
| 8 | 97 | 91 | 87 | 85 | 96 | 90 | 87 | 85 | 90 | 86 | 84 | 89 | 86 | 84 | 88 | 85 | 84 | 84 | 84 | 84 | 83 |
| 9 | 95 | 89 | 85 | 83 | 94 | 88 | 85 | 83 | 88 | 85 | 82 | 87 | 84 | 82 | 86 | 84 | 82 | 82 | 82 | 82 | 81 |
| 10 | 93 | 87 | 83 | 81 | 92 | 86 | 83 | 81 | 86 | 83 | 81 | 85 | 82 | 80 | 85 | 82 | 80 | 80 | 80 | 80 | 80 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|---------|---------|---------|
| 0° | 1208486 | 1208486 | 1208486 |
| 5° | 1095129 | 1105104 | 1110498 |
| 10° | 823263 | 829121 | 832968 |
| 15° | 407643 | 395483 | 421835 |
| 20° | 115115 | 117021 | 118304 |
| 25° | 19972 | 37739 | 23696 |
| 30° | 7815 | 8034 | 8273 |
| 35° | 2418 | 2670 | 2670 |
| 40° | 787 | 1034 | 787 |
| 45° | 560 | 292 | 560 |
| 50° | 322 | 0 | 322 |
| 55° | 360 | 0 | 360 |
| 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: 0°

Vertical Angle: 45°

Luminance: 560 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 557.4 | 43.0 |
| 10°-20° | 628.6 | 48.5 |
| 20°-30° | 97.5 | 7.5 |
| 30°-40° | 9.9 | 0.8 |
| 40°-50° | 1.4 | 0.1 |
| 50°-60° | 0.2 | 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° | 1283.6 | 99.1 |
| 0°-40° | 1293.4 | 99.9 |
| 0°-60° | 1295.0 | 100.0 |
| 0°-90° | 1295.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1295.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 7017 | 7017 | 7017 | 7017 | 7017 | |
| 5° | 6335 | 6346 | 6392 | 6418 | 6424 | 552 |
| 15° | 2286 | 2270 | 2218 | 2317 | 2366 | 626 |
| 25° | 105 | 156 | 199 | 151 | 125 | 88 |
| 35° | 12 | 13 | 13 | 14 | 13 | 9 |
| 45° | 2 | 1 | 1 | 1 | 2 | 2 |
| 55° | 1 | 0 | 0 | 0 | 1 | 1 |
| 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 |



TEST NUMBER: P1314781

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 7017.0 | 7017.0 | 7017.0 | 7017.0 | 7017.0 |
| 1° | 6988.1 | 6997.4 | 6987.0 | 6998.5 | 6997.4 |
| 2° | 6915.4 | 6924.6 | 6911.9 | 6918.8 | 6918.8 |
| 3° | 6766.4 | 6786.0 | 6797.6 | 6805.7 | 6812.6 |
| 4° | 6570.1 | 6592.1 | 6609.4 | 6630.2 | 6630.2 |
| 5° | 6334.6 | 6346.1 | 6392.3 | 6417.7 | 6423.5 |
| 6° | 6054.0 | 6100.2 | 6134.8 | 6185.6 | 6154.4 |
| 7° | 5773.4 | 5811.5 | 5860.0 | 5868.1 | 5890.0 |
| 8° | 5454.7 | 5495.1 | 5540.1 | 5532.1 | 5513.6 |
| 9° | 5066.7 | 5125.6 | 5178.7 | 5161.4 | 5184.5 |
| 10° | 4707.6 | 4743.4 | 4741.1 | 4723.8 | 4763.1 |
| 11° | 4290.8 | 4298.9 | 4253.8 | 4324.3 | 4281.5 |
| 12° | 3796.6 | 3803.5 | 3745.8 | 3815.1 | 3858.9 |
| 13° | 3323.2 | 3307.0 | 3227.3 | 3318.5 | 3374.0 |
| 14° | 2778.2 | 2783.9 | 2682.3 | 2859.0 | 2845.1 |
| 15° | 2286.3 | 2270.1 | 2218.1 | 2317.4 | 2365.9 |
| 17.5° | 1218.2 | 1228.6 | 1215.9 | 1265.5 | 1296.7 |
| 20° | 628.1 | 645.5 | 638.5 | 659.3 | 645.5 |
| 22.5° | 325.6 | 349.9 | 356.8 | 340.6 | 296.8 |
| 25° | 105.1 | 155.9 | 198.6 | 151.3 | 124.7 |
| 27.5° | 63.5 | 62.4 | 97.0 | 67.0 | 68.1 |
| 30° | 39.3 | 38.1 | 40.4 | 40.4 | 41.6 |
| 32.5° | 21.9 | 23.1 | 21.9 | 24.2 | 23.1 |
| 35° | 11.5 | 12.7 | 12.7 | 13.9 | 12.7 |
| 37.5° | 6.9 | 8.1 | 8.1 | 8.1 | 6.9 |
| 40° | 3.5 | 4.6 | 4.6 | 3.5 | 3.5 |
| 42.5° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 45° | 2.3 | 1.2 | 1.2 | 1.2 | 2.3 |
| 47.5° | 1.2 | 1.2 | 0.0 | 1.2 | 1.2 |
| 50° | 1.2 | 1.2 | 0.0 | 1.2 | 1.2 |
| 52.5° | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 |
| 55° | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 |
| 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)