

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: P1313807

Luminaire Tested: LDSQA3D17R259727DE010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313807
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: LDSQA3D17R259727DE010 3LSQPHR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

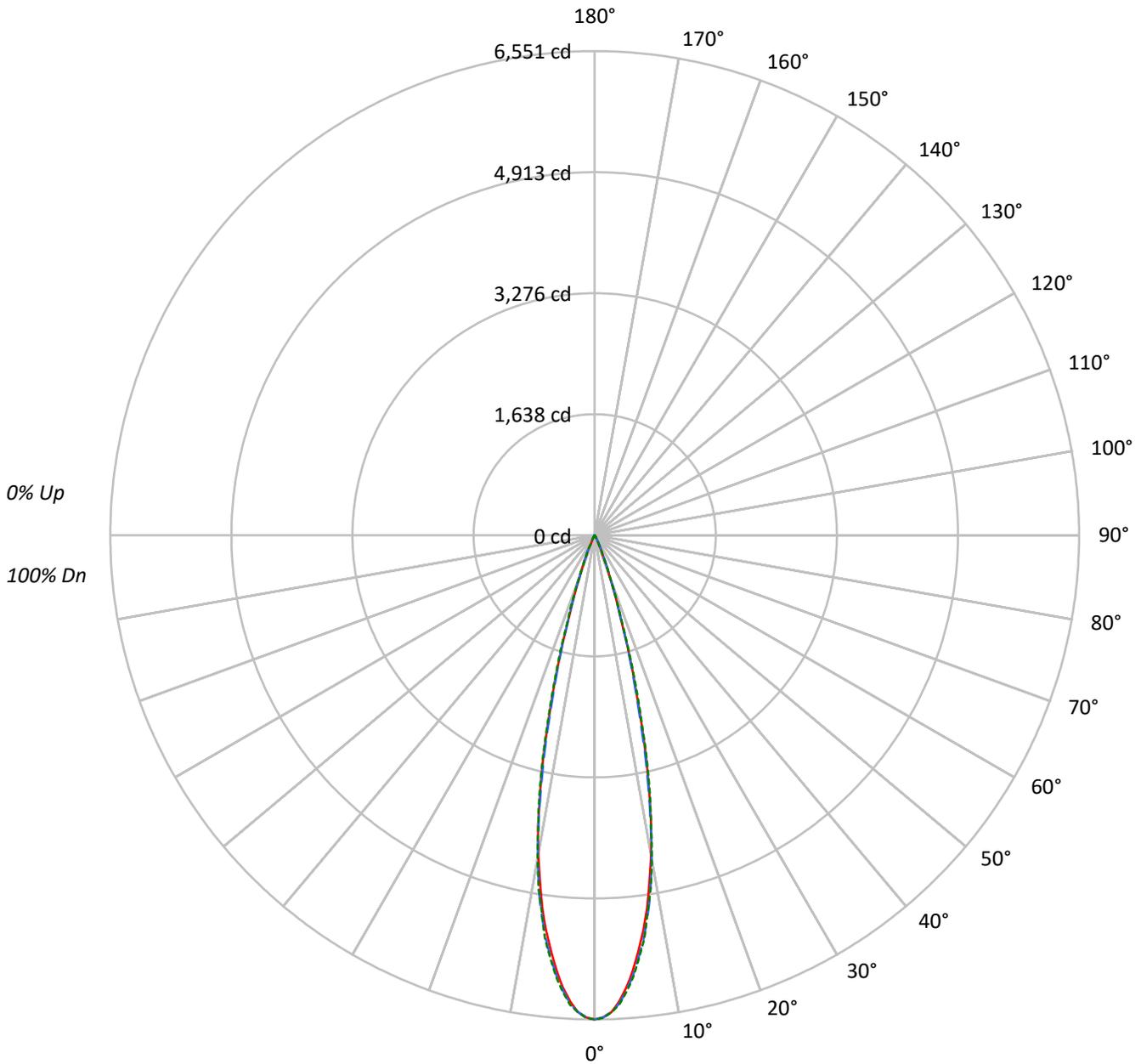
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1209.0 lumens
Efficiency: N/A
Efficacy: 57.0 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 (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 | | | | |
| 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° | 1128231 | 1128231 | 1128231 |
| 5° | 1022398 | 1031716 | 1036747 |
| 10° | 768595 | 774069 | 777636 |
| 15° | 380559 | 369219 | 393825 |
| 20° | 107473 | 109251 | 110442 |
| 25° | 18642 | 35231 | 22119 |
| 30° | 7298 | 7497 | 7716 |
| 35° | 2271 | 2502 | 2502 |
| 40° | 719 | 967 | 719 |
| 45° | 536 | 268 | 536 |
| 50° | 295 | 0 | 295 |
| 55° | 330 | 0 | 330 |
| 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: 536 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 520.4 | 43.0 |
| 10°-20° | 586.9 | 48.5 |
| 20°-30° | 91.0 | 7.5 |
| 30°-40° | 9.2 | 0.8 |
| 40°-50° | 1.3 | 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° | 1198.3 | 99.1 |
| 0°-40° | 1207.5 | 99.9 |
| 0°-60° | 1209.0 | 100.0 |
| 0°-90° | 1209.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1209.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 6551 | 6551 | 6551 | 6551 | 6551 | |
| 5° | 5914 | 5925 | 5968 | 5992 | 5997 | 515 |
| 15° | 2134 | 2119 | 2071 | 2164 | 2209 | 585 |
| 25° | 98 | 146 | 185 | 141 | 116 | 82 |
| 35° | 11 | 12 | 12 | 13 | 12 | 9 |
| 45° | 2 | 1 | 1 | 1 | 2 | 1 |
| 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 |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 6551.0 | 6551.0 | 6551.0 | 6551.0 | 6551.0 |
| 1° | 6524.0 | 6532.7 | 6523.0 | 6533.7 | 6532.7 |
| 2° | 6456.1 | 6464.8 | 6452.9 | 6459.4 | 6459.4 |
| 3° | 6317.1 | 6335.4 | 6346.2 | 6353.7 | 6360.2 |
| 4° | 6133.8 | 6154.3 | 6170.5 | 6189.9 | 6189.9 |
| 5° | 5913.9 | 5924.7 | 5967.8 | 5991.5 | 5996.9 |
| 6° | 5651.9 | 5695.1 | 5727.4 | 5774.8 | 5745.7 |
| 7° | 5390.0 | 5425.6 | 5470.8 | 5478.4 | 5498.9 |
| 8° | 5092.5 | 5130.2 | 5172.2 | 5164.7 | 5147.4 |
| 9° | 4730.3 | 4785.2 | 4834.8 | 4818.6 | 4840.2 |
| 10° | 4395.0 | 4428.4 | 4426.3 | 4410.1 | 4446.7 |
| 11° | 4005.8 | 4013.4 | 3971.3 | 4037.1 | 3997.2 |
| 12° | 3544.5 | 3550.9 | 3497.0 | 3561.7 | 3602.7 |
| 13° | 3102.5 | 3087.4 | 3013.0 | 3098.2 | 3149.9 |
| 14° | 2593.7 | 2599.1 | 2504.2 | 2669.1 | 2656.2 |
| 15° | 2134.4 | 2119.3 | 2070.8 | 2163.5 | 2208.8 |
| 17.5° | 1137.3 | 1147.0 | 1135.1 | 1181.5 | 1210.6 |
| 20° | 586.4 | 602.6 | 596.1 | 615.5 | 602.6 |
| 22.5° | 304.0 | 326.6 | 333.1 | 318.0 | 277.0 |
| 25° | 98.1 | 145.5 | 185.4 | 141.2 | 116.4 |
| 27.5° | 59.3 | 58.2 | 90.6 | 62.5 | 63.6 |
| 30° | 36.7 | 35.6 | 37.7 | 37.7 | 38.8 |
| 32.5° | 20.5 | 21.6 | 20.5 | 22.6 | 21.6 |
| 35° | 10.8 | 11.9 | 11.9 | 12.9 | 11.9 |
| 37.5° | 6.5 | 7.5 | 7.5 | 7.5 | 6.5 |
| 40° | 3.2 | 4.3 | 4.3 | 3.2 | 3.2 |
| 42.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 45° | 2.2 | 1.1 | 1.1 | 1.1 | 2.2 |
| 47.5° | 1.1 | 1.1 | 0.0 | 1.1 | 1.1 |
| 50° | 1.1 | 1.1 | 0.0 | 1.1 | 1.1 |
| 52.5° | 1.1 | 0.0 | 0.0 | 0.0 | 1.1 |
| 55° | 1.1 | 0.0 | 0.0 | 0.0 | 1.1 |
| 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)