

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: P1316293

Luminaire Tested: LDSQA3D05R359740DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359740DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

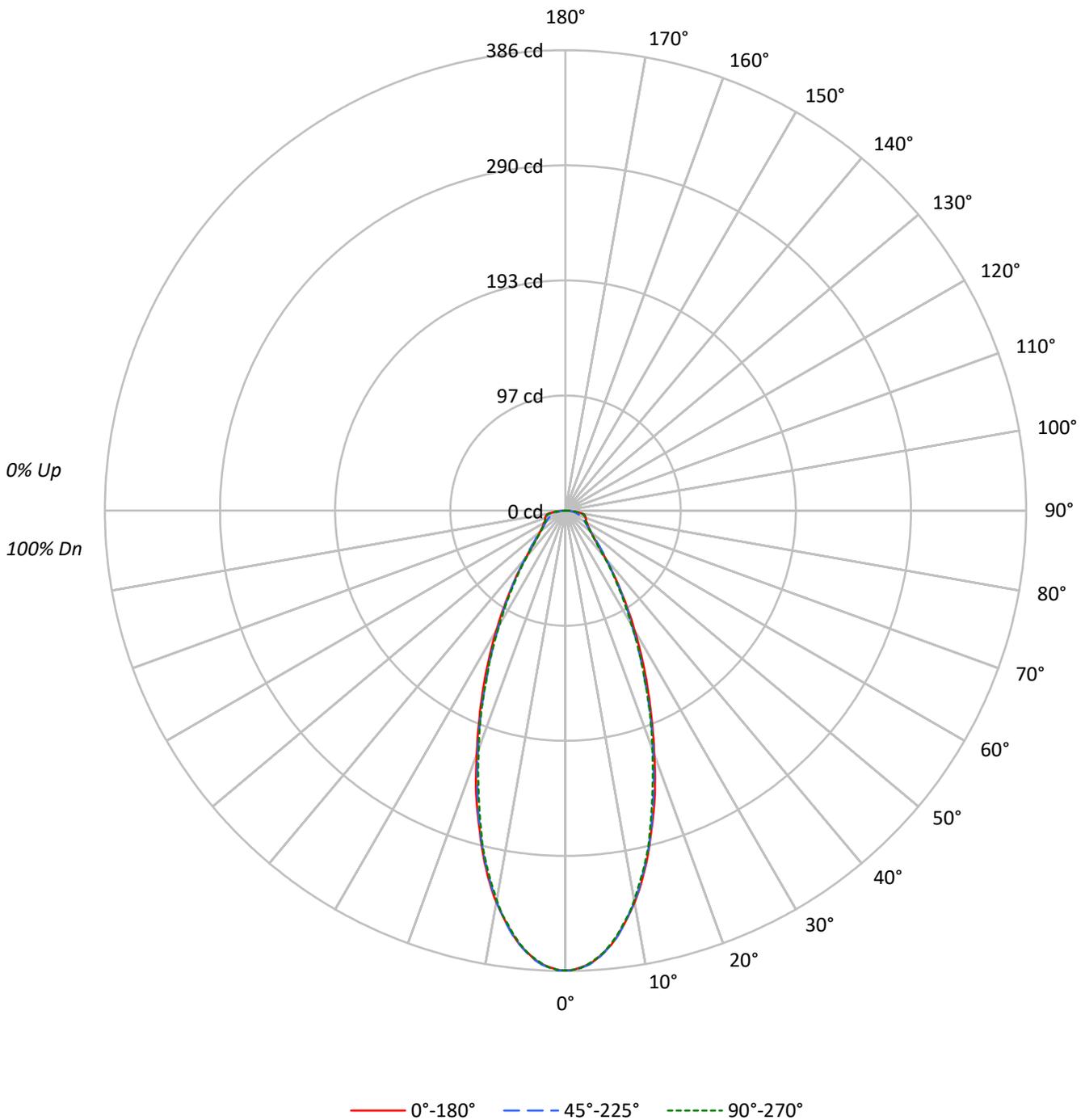
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
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





TEST NUMBER: P1316293

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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 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 91 | 91 | 91 | 89 |
| 2 | 104 | 98 | 92 | 88 | 101 | 96 | 91 | 87 | 92 | 88 | 85 | 89 | 86 | 83 | 86 | 84 | 81 | 81 | 81 | 81 | 79 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 74 | 74 | 74 | 72 |
| 4 | 92 | 82 | 75 | 70 | 90 | 81 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 67 | 67 | 67 | 67 | 65 |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 69 | 64 | 73 | 68 | 63 | 72 | 67 | 63 | 70 | 65 | 62 | 62 | 62 | 62 | 60 |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 57 | 57 | 57 | 56 |
| 7 | 77 | 66 | 60 | 55 | 76 | 66 | 59 | 54 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 54 | 54 | 54 | 52 |
| 8 | 73 | 62 | 56 | 51 | 72 | 62 | 55 | 51 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 50 | 50 | 50 | 49 |
| 9 | 70 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 47 | 56 | 51 | 47 | 55 | 51 | 47 | 47 | 47 | 47 | 46 |
| 10 | 66 | 56 | 49 | 45 | 65 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 53 | 48 | 44 | 44 | 44 | 44 | 43 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 66409 | 66409 | 66409 |
| 5° | 64225 | 64312 | 64225 |
| 10° | 58340 | 58252 | 58008 |
| 15° | 49531 | 49353 | 48925 |
| 20° | 39862 | 39331 | 38983 |
| 25° | 30822 | 29891 | 29891 |
| 30° | 22989 | 22213 | 22014 |
| 35° | 16546 | 16336 | 15937 |
| 40° | 11578 | 11893 | 11129 |
| 45° | 8622 | 9109 | 8403 |
| 50° | 7422 | 7422 | 7288 |
| 55° | 6996 | 6696 | 6846 |
| 60° | 7199 | 6510 | 6854 |
| 65° | 7702 | 6520 | 7539 |
| 70° | 9064 | 6848 | 8812 |
| 75° | 11312 | 7120 | 10979 |
| 80° | 14480 | 7736 | 12992 |
| 85° | 11461 | 7707 | 11461 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14480 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------------|--------------|--------------|
| 0°-10° | 34.2 | 10.7 |
| 10°-20° | 76.4 | 24.0 |
| 20°-30° | 73.0 | 22.9 |
| 30°-40° | 49.0 | 15.4 |
| 40°-50° | 28.8 | 9.0 |
| 50°-60° | 20.6 | 6.5 |
| 60°-70° | 17.1 | 5.4 |
| 70°-80° | 14.0 | 4.4 |
| 80°-90° | 5.8 | 1.8 |
| 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° | 183.6 | 57.6 |
| 0°-40° | 232.7 | 72.9 |
| 0°-60° | 282.0 | 88.4 |
| 0°-90° | 319.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 319.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 386 | 386 | 386 | 386 | 386 | |
| 5° | 372 | 372 | 372 | 372 | 372 | 34 |
| 15° | 278 | 278 | 277 | 275 | 274 | 77 |
| 25° | 162 | 160 | 157 | 157 | 157 | 74 |
| 35° | 79 | 79 | 78 | 76 | 76 | 50 |
| 45° | 35 | 36 | 37 | 35 | 34 | 28 |
| 55° | 23 | 23 | 22 | 22 | 23 | 21 |
| 65° | 19 | 17 | 16 | 17 | 18 | 19 |
| 75° | 17 | 13 | 11 | 13 | 16 | 18 |
| 85° | 6 | 6 | 4 | 6 | 6 | 7 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 385.6 | 385.6 | 385.6 | 385.6 | 385.6 |
| 1° | 385.1 | 385.6 | 385.6 | 385.1 | 385.1 |
| 2° | 383.1 | 384.1 | 383.6 | 383.1 | 383.6 |
| 3° | 380.7 | 381.7 | 381.2 | 380.7 | 380.2 |
| 4° | 376.8 | 377.8 | 377.3 | 376.3 | 376.3 |
| 5° | 371.5 | 372.4 | 372.0 | 371.5 | 371.5 |
| 6° | 366.1 | 367.1 | 366.1 | 365.2 | 365.2 |
| 7° | 358.9 | 360.3 | 359.3 | 358.4 | 357.9 |
| 8° | 350.6 | 352.1 | 351.1 | 350.6 | 349.6 |
| 9° | 342.3 | 343.3 | 341.9 | 341.9 | 341.9 |
| 10° | 333.6 | 334.1 | 333.1 | 331.7 | 331.7 |
| 11° | 323.9 | 323.4 | 322.9 | 321.9 | 321.0 |
| 12° | 313.2 | 313.2 | 311.7 | 310.8 | 310.3 |
| 13° | 302.0 | 301.6 | 300.6 | 299.6 | 299.6 |
| 14° | 290.4 | 290.4 | 289.4 | 287.5 | 288.0 |
| 15° | 277.8 | 278.2 | 276.8 | 274.8 | 274.4 |
| 17.5° | 249.1 | 248.1 | 245.7 | 244.3 | 242.8 |
| 20° | 217.5 | 217.1 | 214.6 | 213.2 | 212.7 |
| 22.5° | 188.4 | 187.9 | 185.5 | 184.0 | 185.0 |
| 25° | 162.2 | 160.2 | 157.3 | 157.3 | 157.3 |
| 27.5° | 137.9 | 135.5 | 133.5 | 132.6 | 133.5 |
| 30° | 115.6 | 113.6 | 111.7 | 111.2 | 110.7 |
| 32.5° | 95.7 | 94.7 | 93.7 | 92.3 | 92.3 |
| 35° | 78.7 | 78.7 | 77.7 | 76.2 | 75.8 |
| 37.5° | 64.1 | 64.6 | 64.1 | 62.6 | 62.2 |
| 40° | 51.5 | 52.4 | 52.9 | 51.5 | 49.5 |
| 42.5° | 42.2 | 43.7 | 44.7 | 42.2 | 40.8 |
| 45° | 35.4 | 36.4 | 37.4 | 35.4 | 34.5 |
| 47.5° | 31.1 | 31.6 | 32.0 | 30.6 | 30.1 |
| 50° | 27.7 | 27.7 | 27.7 | 27.2 | 27.2 |
| 52.5° | 25.3 | 25.3 | 24.8 | 24.3 | 24.3 |
| 55° | 23.3 | 22.8 | 22.3 | 22.3 | 22.8 |
| 57.5° | 21.9 | 21.4 | 20.4 | 20.9 | 21.4 |
| 60° | 20.9 | 19.9 | 18.9 | 19.4 | 19.9 |
| 62.5° | 19.4 | 18.5 | 17.5 | 18.0 | 18.9 |
| 65° | 18.9 | 17.0 | 16.0 | 17.0 | 18.5 |
| 67.5° | 18.5 | 16.0 | 14.6 | 16.0 | 18.0 |
| 70° | 18.0 | 15.1 | 13.6 | 15.1 | 17.5 |
| 72.5° | 17.5 | 14.1 | 12.1 | 14.1 | 17.0 |
| 75° | 17.0 | 13.1 | 10.7 | 13.1 | 16.5 |
| 77.5° | 16.0 | 12.1 | 9.2 | 12.1 | 15.1 |
| 80° | 14.6 | 11.2 | 7.8 | 10.7 | 13.1 |
| 82.5° | 10.7 | 9.2 | 6.3 | 9.2 | 9.7 |
| 85° | 5.8 | 6.3 | 3.9 | 6.3 | 5.8 |
| 87.5° | 0.5 | 1.0 | 1.0 | 2.9 | 1.9 |



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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)