

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: P1316124

Luminaire Tested: LDSQA3D02R359740DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316124
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359740DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

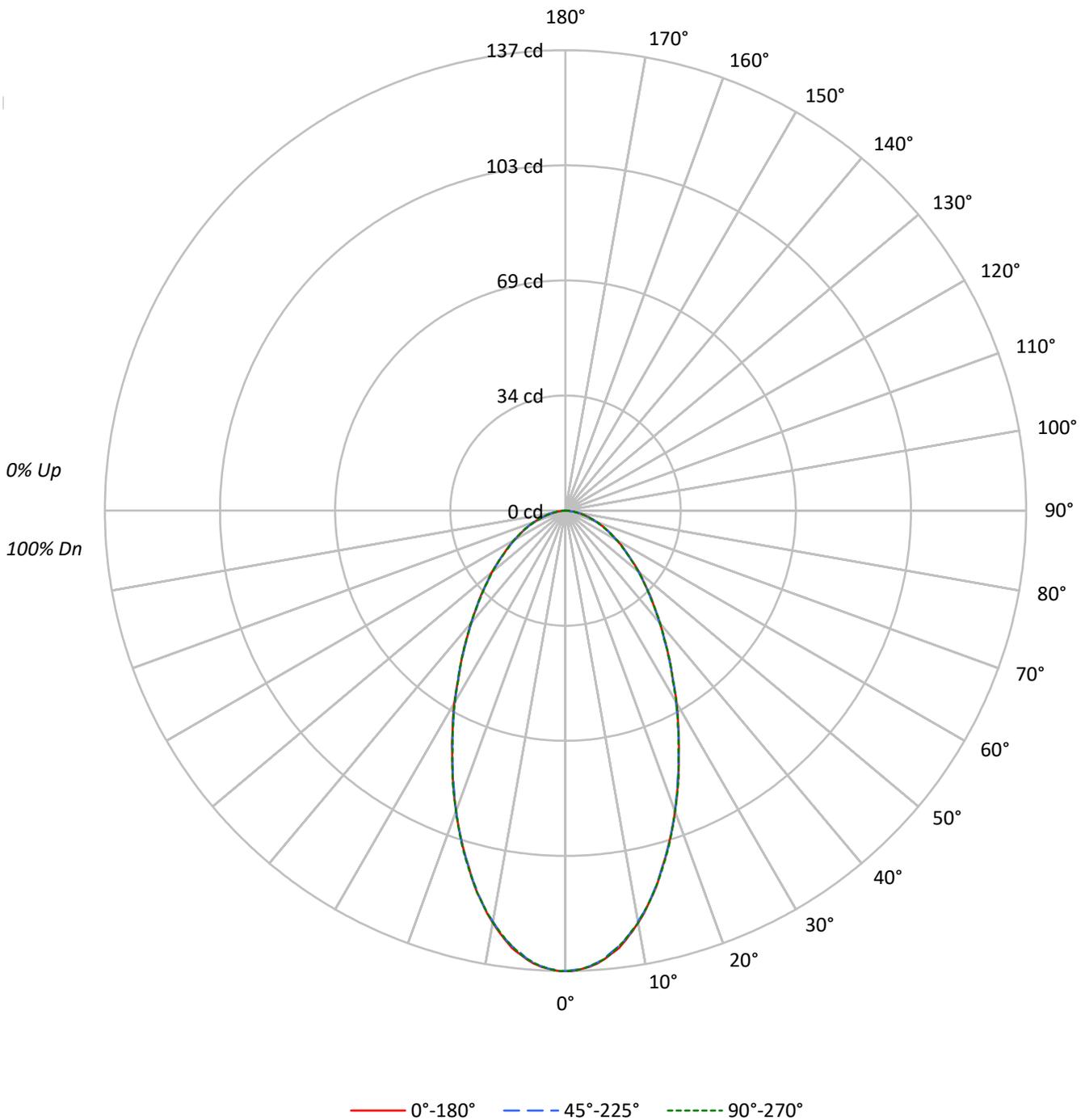
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1316124

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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 | 103 | 100 | 108 | 105 | 101 | 99 | 100 | 98 | 95 | 97 | 95 | 93 | 93 | 91 | 90 | 93 | 91 | 90 | 88 |
| 2 | 103 | 96 | 90 | 85 | 100 | 94 | 89 | 84 | 90 | 86 | 82 | 87 | 84 | 81 | 84 | 81 | 79 | 84 | 81 | 79 | 77 |
| 3 | 95 | 86 | 79 | 74 | 93 | 85 | 78 | 73 | 82 | 76 | 72 | 79 | 75 | 71 | 77 | 73 | 70 | 77 | 73 | 70 | 68 |
| 4 | 88 | 78 | 71 | 65 | 86 | 77 | 70 | 64 | 75 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 70 | 66 | 62 | 60 |
| 5 | 82 | 71 | 64 | 58 | 80 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 56 | 65 | 60 | 56 | 65 | 60 | 56 | 54 |
| 6 | 77 | 65 | 58 | 52 | 75 | 64 | 57 | 52 | 63 | 56 | 51 | 61 | 55 | 51 | 60 | 55 | 51 | 60 | 55 | 51 | 49 |
| 7 | 72 | 60 | 53 | 47 | 71 | 60 | 52 | 47 | 58 | 52 | 47 | 57 | 51 | 46 | 55 | 50 | 46 | 55 | 50 | 46 | 44 |
| 8 | 68 | 56 | 48 | 43 | 66 | 55 | 48 | 43 | 54 | 47 | 43 | 53 | 47 | 43 | 52 | 46 | 42 | 52 | 46 | 42 | 41 |
| 9 | 64 | 52 | 45 | 40 | 63 | 51 | 44 | 40 | 50 | 44 | 39 | 49 | 44 | 39 | 48 | 43 | 39 | 48 | 43 | 39 | 37 |
| 10 | 60 | 49 | 41 | 37 | 59 | 48 | 41 | 37 | 47 | 41 | 37 | 46 | 41 | 36 | 45 | 40 | 36 | 45 | 40 | 36 | 35 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 23595 | 23595 | 23595 |
| 5° | 23149 | 23114 | 23149 |
| 10° | 21772 | 21720 | 21772 |
| 15° | 19702 | 19702 | 19755 |
| 20° | 17448 | 17448 | 17448 |
| 25° | 15164 | 15126 | 15126 |
| 30° | 13145 | 13065 | 13105 |
| 35° | 11311 | 11269 | 11311 |
| 40° | 9825 | 9780 | 9825 |
| 45° | 8622 | 8573 | 8573 |
| 50° | 7663 | 7582 | 7582 |
| 55° | 6726 | 6726 | 6726 |
| 60° | 6097 | 6028 | 6097 |
| 65° | 5501 | 5501 | 5501 |
| 70° | 4884 | 4884 | 4884 |
| 75° | 4392 | 4259 | 4392 |
| 80° | 3769 | 3769 | 3769 |
| 85° | 2371 | 2371 | 2371 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8622 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------------|--------------|--------------|
| 0°-10° | 12.5 | 6.8 |
| 10°-20° | 30.8 | 16.8 |
| 20°-30° | 36.6 | 20.0 |
| 30°-40° | 33.7 | 18.4 |
| 40°-50° | 27.3 | 14.9 |
| 50°-60° | 20.2 | 11.0 |
| 60°-70° | 13.4 | 7.3 |
| 70°-80° | 6.9 | 3.8 |
| 80°-90° | 1.6 | 0.9 |
| 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° | 79.9 | 43.7 |
| 0°-40° | 113.6 | 62.1 |
| 0°-60° | 161.1 | 88.0 |
| 0°-90° | 183.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 183.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 137 | 137 | 137 | 137 | 137 | |
| 5° | 134 | 134 | 134 | 134 | 134 | 12 |
| 15° | 110 | 110 | 110 | 110 | 111 | 31 |
| 25° | 80 | 80 | 80 | 80 | 80 | 37 |
| 35° | 54 | 54 | 54 | 54 | 54 | 34 |
| 45° | 35 | 35 | 35 | 35 | 35 | 27 |
| 55° | 22 | 22 | 22 | 22 | 22 | 20 |
| 65° | 14 | 14 | 14 | 14 | 14 | 13 |
| 75° | 7 | 7 | 6 | 7 | 7 | 7 |
| 85° | 1 | 1 | 1 | 1 | 1 | 2 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 137.0 | 137.0 | 137.0 | 137.0 | 137.0 |
| 1° | 137.0 | 136.7 | 136.7 | 136.7 | 137.0 |
| 2° | 136.5 | 136.5 | 136.5 | 136.5 | 136.5 |
| 3° | 136.0 | 135.8 | 135.8 | 135.8 | 135.8 |
| 4° | 135.1 | 134.9 | 134.9 | 134.9 | 134.9 |
| 5° | 133.9 | 133.7 | 133.7 | 133.7 | 133.9 |
| 6° | 132.5 | 132.3 | 132.0 | 132.0 | 132.3 |
| 7° | 131.1 | 130.6 | 130.6 | 130.6 | 130.6 |
| 8° | 129.0 | 128.7 | 128.7 | 128.7 | 128.7 |
| 9° | 126.8 | 126.4 | 126.6 | 126.6 | 126.6 |
| 10° | 124.5 | 124.2 | 124.2 | 124.2 | 124.5 |
| 11° | 122.1 | 121.9 | 121.9 | 121.6 | 121.9 |
| 12° | 119.3 | 119.3 | 119.3 | 119.3 | 119.3 |
| 13° | 116.7 | 116.4 | 116.4 | 116.4 | 116.7 |
| 14° | 113.8 | 113.6 | 113.6 | 113.6 | 113.6 |
| 15° | 110.5 | 110.5 | 110.5 | 110.5 | 110.8 |
| 17.5° | 103.0 | 102.7 | 103.0 | 103.0 | 103.2 |
| 20° | 95.2 | 94.9 | 95.2 | 95.2 | 95.2 |
| 22.5° | 87.4 | 87.4 | 87.1 | 87.4 | 87.6 |
| 25° | 79.8 | 79.6 | 79.6 | 79.8 | 79.6 |
| 27.5° | 72.7 | 72.5 | 72.5 | 72.5 | 72.5 |
| 30° | 66.1 | 65.7 | 65.7 | 65.9 | 65.9 |
| 32.5° | 59.3 | 59.3 | 59.5 | 59.3 | 59.3 |
| 35° | 53.8 | 53.6 | 53.6 | 53.8 | 53.8 |
| 37.5° | 48.4 | 48.2 | 48.2 | 48.4 | 48.4 |
| 40° | 43.7 | 43.7 | 43.5 | 43.7 | 43.7 |
| 42.5° | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| 45° | 35.4 | 35.2 | 35.2 | 35.2 | 35.2 |
| 47.5° | 31.6 | 31.6 | 31.6 | 31.4 | 31.6 |
| 50° | 28.6 | 28.3 | 28.3 | 28.3 | 28.3 |
| 52.5° | 25.3 | 25.3 | 25.3 | 25.3 | 25.3 |
| 55° | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 |
| 57.5° | 20.1 | 19.8 | 19.8 | 19.8 | 19.8 |
| 60° | 17.7 | 17.7 | 17.5 | 17.7 | 17.7 |
| 62.5° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| 65° | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| 67.5° | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 |
| 70° | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| 72.5° | 8.3 | 8.0 | 8.0 | 8.0 | 8.0 |
| 75° | 6.6 | 6.6 | 6.4 | 6.6 | 6.6 |
| 77.5° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 80° | 3.8 | 3.8 | 3.8 | 3.5 | 3.8 |
| 82.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 85° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 87.5° | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 |



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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)