

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: P1320897

Luminaire Tested: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320897
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: LDSQA3D02R35B2750DE010 3LSQPHRLP1MW_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 80CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

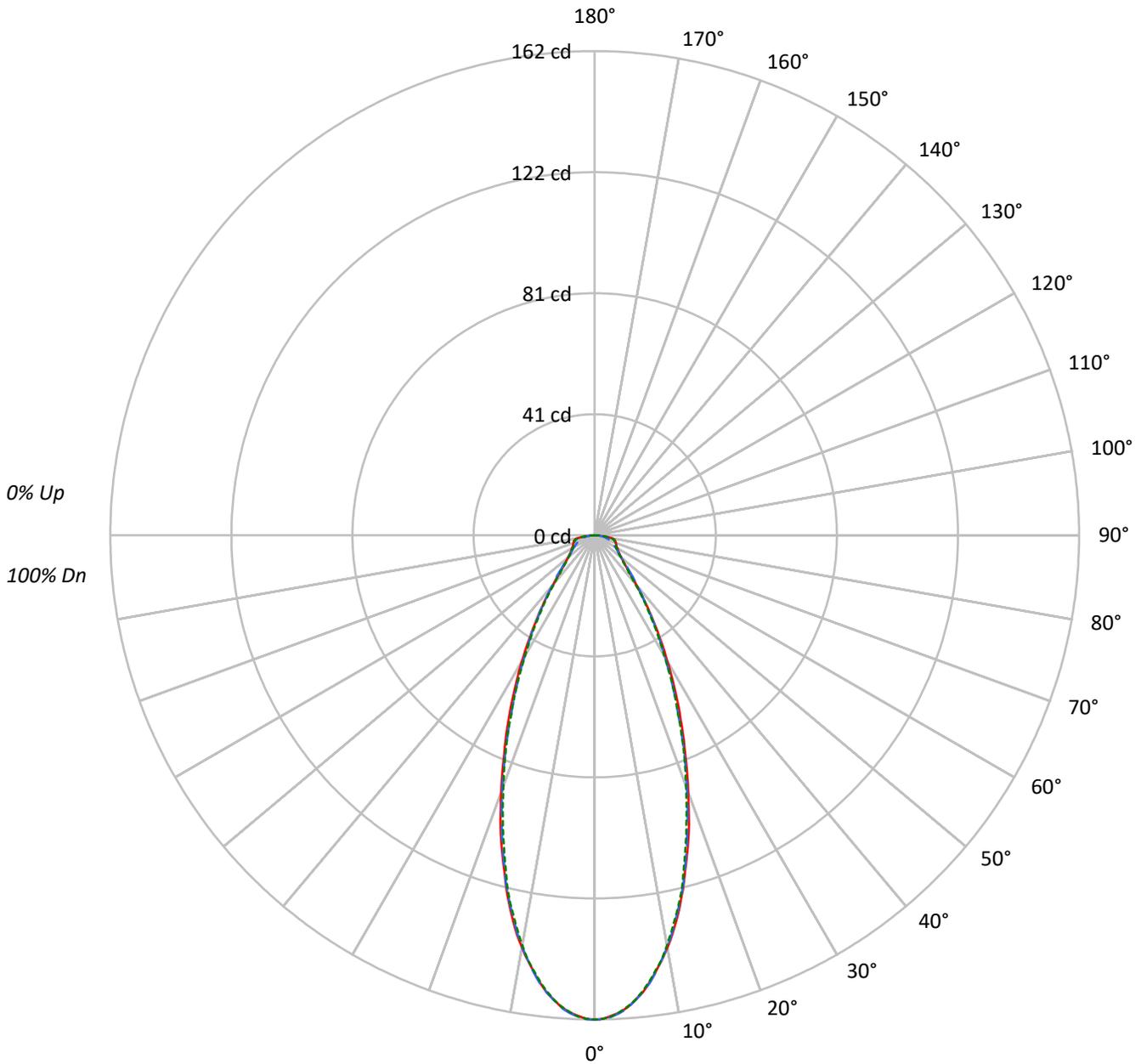
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 134.0 lumens
Efficiency: N/A
Efficacy: 46.2 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): 2.9
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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 |
| 2 | 104 | 98 | 92 | 88 | 101 | 96 | 91 | 87 | 92 | 88 | 85 | 89 | 86 | 83 | 86 | 84 | 81 | 79 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 |
| 4 | 92 | 82 | 75 | 70 | 90 | 81 | 75 | 70 | 79 | 73 | 69 | 77 | 72 | 68 | 75 | 71 | 67 | 65 |
| 5 | 86 | 76 | 69 | 64 | 84 | 75 | 69 | 64 | 73 | 68 | 63 | 72 | 67 | 63 | 70 | 65 | 62 | 60 |
| 6 | 82 | 71 | 64 | 59 | 80 | 70 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 56 |
| 7 | 77 | 66 | 60 | 55 | 76 | 66 | 59 | 54 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 |
| 8 | 73 | 62 | 56 | 51 | 72 | 62 | 55 | 51 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 49 |
| 9 | 70 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 47 | 56 | 51 | 47 | 55 | 51 | 47 | 46 |
| 10 | 66 | 56 | 49 | 45 | 65 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 53 | 48 | 44 | 43 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 27900 | 27900 | 27900 |
| 5° | 26969 | 27004 | 26969 |
| 10° | 24501 | 24466 | 24361 |
| 15° | 20807 | 20736 | 20540 |
| 20° | 16751 | 16531 | 16367 |
| 25° | 12941 | 12561 | 12561 |
| 30° | 9645 | 9327 | 9247 |
| 35° | 6938 | 6854 | 6686 |
| 40° | 4856 | 4991 | 4676 |
| 45° | 3629 | 3824 | 3532 |
| 50° | 3108 | 3108 | 3054 |
| 55° | 2943 | 2822 | 2883 |
| 60° | 3031 | 2756 | 2893 |
| 65° | 3260 | 2730 | 3179 |
| 70° | 3777 | 2870 | 3676 |
| 75° | 4724 | 2994 | 4591 |
| 80° | 6050 | 3273 | 5455 |
| 85° | 4742 | 3162 | 4742 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 6050 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.4 | 10.7 |
| 10°-20° | 32.1 | 24.0 |
| 20°-30° | 30.7 | 22.9 |
| 30°-40° | 20.6 | 15.4 |
| 40°-50° | 12.1 | 9.0 |
| 50°-60° | 8.7 | 6.5 |
| 60°-70° | 7.2 | 5.4 |
| 70°-80° | 5.9 | 4.4 |
| 80°-90° | 2.4 | 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° | 77.1 | 57.6 |
| 0°-40° | 97.7 | 72.9 |
| 0°-60° | 118.5 | 88.4 |
| 0°-90° | 134.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 134.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 162 | 162 | 162 | 162 | 162 | |
| 5° | 156 | 156 | 156 | 156 | 156 | 14 |
| 15° | 117 | 117 | 116 | 116 | 115 | 32 |
| 25° | 68 | 67 | 66 | 66 | 66 | 31 |
| 35° | 33 | 33 | 33 | 32 | 32 | 21 |
| 45° | 15 | 15 | 16 | 15 | 14 | 12 |
| 55° | 10 | 10 | 9 | 9 | 10 | 9 |
| 65° | 8 | 7 | 7 | 7 | 8 | 8 |
| 75° | 7 | 6 | 4 | 6 | 7 | 7 |
| 85° | 2 | 3 | 2 | 3 | 2 | 3 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1320897

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CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 162.0 | 162.0 | 162.0 | 162.0 | 162.0 |
| 1° | 161.8 | 162.0 | 162.0 | 161.8 | 161.8 |
| 2° | 160.9 | 161.3 | 161.1 | 160.9 | 161.1 |
| 3° | 159.9 | 160.3 | 160.1 | 159.9 | 159.7 |
| 4° | 158.3 | 158.7 | 158.5 | 158.1 | 158.1 |
| 5° | 156.0 | 156.5 | 156.2 | 156.0 | 156.0 |
| 6° | 153.8 | 154.2 | 153.8 | 153.4 | 153.4 |
| 7° | 150.7 | 151.4 | 150.9 | 150.5 | 150.3 |
| 8° | 147.3 | 147.9 | 147.5 | 147.3 | 146.9 |
| 9° | 143.8 | 144.2 | 143.6 | 143.6 | 143.6 |
| 10° | 140.1 | 140.3 | 139.9 | 139.3 | 139.3 |
| 11° | 136.1 | 135.8 | 135.6 | 135.2 | 134.8 |
| 12° | 131.6 | 131.6 | 131.0 | 130.5 | 130.3 |
| 13° | 126.9 | 126.7 | 126.3 | 125.9 | 125.9 |
| 14° | 122.0 | 122.0 | 121.6 | 120.8 | 121.0 |
| 15° | 116.7 | 116.9 | 116.3 | 115.5 | 115.2 |
| 17.5° | 104.6 | 104.2 | 103.2 | 102.6 | 102.0 |
| 20° | 91.4 | 91.2 | 90.2 | 89.5 | 89.3 |
| 22.5° | 79.1 | 78.9 | 77.9 | 77.3 | 77.7 |
| 25° | 68.1 | 67.3 | 66.1 | 66.1 | 66.1 |
| 27.5° | 57.9 | 56.9 | 56.1 | 55.7 | 56.1 |
| 30° | 48.5 | 47.7 | 46.9 | 46.7 | 46.5 |
| 32.5° | 40.2 | 39.8 | 39.4 | 38.8 | 38.8 |
| 35° | 33.0 | 33.0 | 32.6 | 32.0 | 31.8 |
| 37.5° | 26.9 | 27.1 | 26.9 | 26.3 | 26.1 |
| 40° | 21.6 | 22.0 | 22.2 | 21.6 | 20.8 |
| 42.5° | 17.7 | 18.4 | 18.8 | 17.7 | 17.1 |
| 45° | 14.9 | 15.3 | 15.7 | 14.9 | 14.5 |
| 47.5° | 13.1 | 13.3 | 13.5 | 12.9 | 12.6 |
| 50° | 11.6 | 11.6 | 11.6 | 11.4 | 11.4 |
| 52.5° | 10.6 | 10.6 | 10.4 | 10.2 | 10.2 |
| 55° | 9.8 | 9.6 | 9.4 | 9.4 | 9.6 |
| 57.5° | 9.2 | 9.0 | 8.6 | 8.8 | 9.0 |
| 60° | 8.8 | 8.4 | 8.0 | 8.2 | 8.4 |
| 62.5° | 8.2 | 7.8 | 7.3 | 7.5 | 8.0 |
| 65° | 8.0 | 7.1 | 6.7 | 7.1 | 7.8 |
| 67.5° | 7.8 | 6.7 | 6.1 | 6.7 | 7.5 |
| 70° | 7.5 | 6.3 | 5.7 | 6.3 | 7.3 |
| 72.5° | 7.3 | 5.9 | 5.1 | 5.9 | 7.1 |
| 75° | 7.1 | 5.5 | 4.5 | 5.5 | 6.9 |
| 77.5° | 6.7 | 5.1 | 3.9 | 5.1 | 6.3 |
| 80° | 6.1 | 4.7 | 3.3 | 4.5 | 5.5 |
| 82.5° | 4.5 | 3.9 | 2.7 | 3.9 | 4.1 |
| 85° | 2.4 | 2.7 | 1.6 | 2.7 | 2.4 |
| 87.5° | 0.2 | 0.4 | 0.4 | 1.2 | 0.8 |



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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)