

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: P1320566

Luminaire Tested: LDSQA3D02R15B2750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320566
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R15B2750DE010 3LSQPHRLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

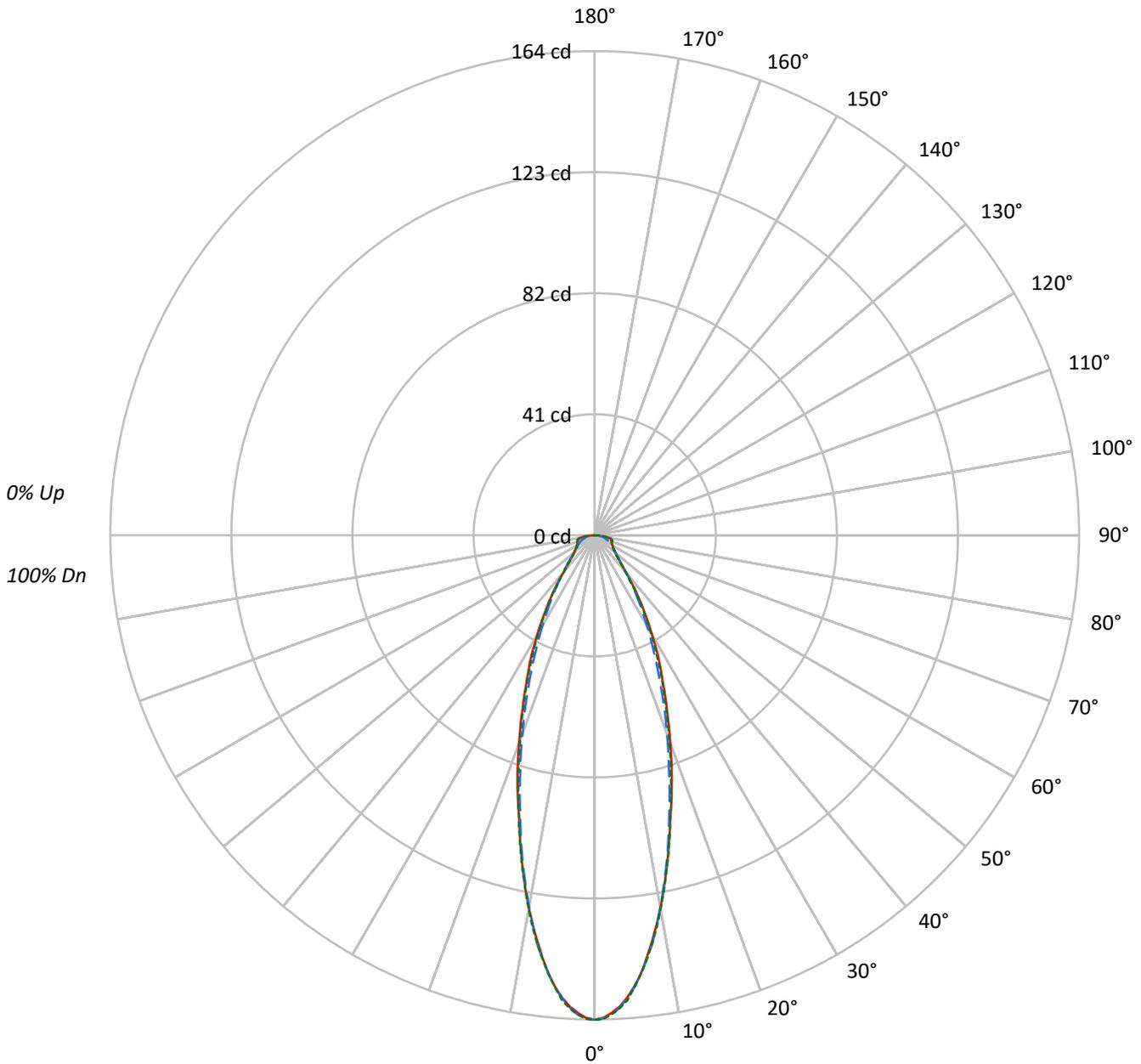
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 110.1 lumens
Efficiency: N/A
Efficacy: 38.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
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 | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99 | 96 | 97 | 95 | 94 | 94 | 92 | 91 | 89 |
| 2 | 104 | 98 | 93 | 88 | 102 | 96 | 91 | 87 | 93 | 89 | 85 | 90 | 86 | 83 | 87 | 84 | 82 | 80 |
| 3 | 98 | 90 | 84 | 79 | 96 | 88 | 83 | 78 | 86 | 81 | 77 | 83 | 79 | 75 | 81 | 77 | 74 | 72 |
| 4 | 92 | 83 | 76 | 71 | 90 | 82 | 76 | 71 | 79 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 68 | 66 |
| 5 | 87 | 77 | 70 | 65 | 85 | 76 | 70 | 65 | 74 | 69 | 64 | 72 | 68 | 64 | 71 | 67 | 63 | 61 |
| 6 | 82 | 72 | 65 | 60 | 81 | 71 | 65 | 60 | 70 | 64 | 60 | 68 | 63 | 59 | 67 | 62 | 59 | 57 |
| 7 | 78 | 68 | 61 | 56 | 77 | 67 | 60 | 56 | 66 | 60 | 56 | 64 | 59 | 55 | 63 | 58 | 55 | 53 |
| 8 | 74 | 64 | 57 | 52 | 73 | 63 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 50 |
| 9 | 71 | 60 | 54 | 49 | 70 | 60 | 53 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 47 |
| 10 | 68 | 57 | 51 | 47 | 66 | 57 | 51 | 46 | 56 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 46 | 45 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 28262 | 28262 | 28262 |
| 5° | 26537 | 26572 | 26572 |
| 10° | 22420 | 22350 | 22489 |
| 15° | 17634 | 17384 | 17669 |
| 20° | 13709 | 13086 | 13526 |
| 25° | 10337 | 9615 | 10185 |
| 30° | 7696 | 7020 | 7537 |
| 35° | 5487 | 5109 | 5403 |
| 40° | 3710 | 3755 | 3665 |
| 45° | 2777 | 2923 | 2777 |
| 50° | 2411 | 2411 | 2411 |
| 55° | 2342 | 2222 | 2342 |
| 60° | 2411 | 2204 | 2342 |
| 65° | 2608 | 2282 | 2608 |
| 70° | 3122 | 2316 | 3122 |
| 75° | 3993 | 2396 | 3993 |
| 80° | 4959 | 2579 | 4761 |
| 85° | 3952 | 2371 | 4347 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 4959 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 13.8 | 12.6 |
| 10°-20° | 27.4 | 24.9 |
| 20°-30° | 24.2 | 22.0 |
| 30°-40° | 15.9 | 14.4 |
| 40°-50° | 9.3 | 8.5 |
| 50°-60° | 6.9 | 6.2 |
| 60°-70° | 5.8 | 5.3 |
| 70°-80° | 4.8 | 4.4 |
| 80°-90° | 2.0 | 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° | 65.4 | 59.4 |
| 0°-40° | 81.2 | 73.8 |
| 0°-60° | 97.4 | 88.5 |
| 0°-90° | 110.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 110.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 164 | 164 | 164 | 164 | 164 | |
| 5° | 154 | 154 | 154 | 154 | 154 | 14 |
| 15° | 99 | 99 | 98 | 99 | 99 | 28 |
| 25° | 54 | 53 | 51 | 52 | 54 | 25 |
| 35° | 26 | 25 | 24 | 25 | 26 | 16 |
| 45° | 11 | 12 | 12 | 12 | 11 | 9 |
| 55° | 8 | 8 | 7 | 8 | 8 | 7 |
| 65° | 6 | 6 | 6 | 6 | 6 | 6 |
| 75° | 6 | 4 | 4 | 5 | 6 | 6 |
| 85° | 2 | 2 | 1 | 2 | 2 | 2 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1320566

CATALOG NUMBER: LDSQA3D02R15B2750DE010 3LSQPHRLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 164.1 | 164.1 | 164.1 | 164.1 | 164.1 |
| 1° | 163.5 | 163.7 | 163.7 | 163.9 | 163.9 |
| 2° | 161.9 | 162.3 | 162.5 | 162.5 | 162.5 |
| 3° | 159.9 | 160.1 | 160.3 | 160.5 | 160.5 |
| 4° | 157.1 | 157.3 | 157.3 | 157.7 | 157.9 |
| 5° | 153.5 | 153.5 | 153.7 | 153.9 | 153.7 |
| 6° | 149.3 | 149.3 | 149.5 | 149.5 | 149.5 |
| 7° | 144.3 | 144.5 | 144.7 | 144.9 | 144.7 |
| 8° | 139.0 | 139.2 | 139.8 | 139.8 | 139.6 |
| 9° | 133.6 | 133.8 | 133.8 | 134.4 | 134.4 |
| 10° | 128.2 | 128.2 | 127.8 | 128.2 | 128.6 |
| 12.5° | 113.6 | 113.4 | 112.8 | 113.4 | 113.8 |
| 15° | 98.9 | 98.9 | 97.5 | 98.7 | 99.1 |
| 17.5° | 86.9 | 85.1 | 83.7 | 84.9 | 85.9 |
| 20° | 74.8 | 73.0 | 71.4 | 72.6 | 73.8 |
| 22.5° | 63.8 | 62.4 | 60.4 | 61.6 | 63.0 |
| 25° | 54.4 | 52.6 | 50.6 | 52.0 | 53.6 |
| 27.5° | 46.7 | 44.3 | 42.3 | 43.9 | 45.3 |
| 30° | 38.7 | 37.1 | 35.3 | 36.5 | 37.9 |
| 32.5° | 31.9 | 30.7 | 29.3 | 30.3 | 31.5 |
| 35° | 26.1 | 25.1 | 24.3 | 24.9 | 25.7 |
| 37.5° | 20.9 | 20.5 | 20.1 | 20.3 | 20.3 |
| 40° | 16.5 | 16.7 | 16.7 | 16.7 | 16.3 |
| 42.5° | 13.6 | 13.8 | 14.2 | 13.8 | 13.6 |
| 45° | 11.4 | 11.6 | 12.0 | 11.6 | 11.4 |
| 47.5° | 10.0 | 10.2 | 10.4 | 10.0 | 10.0 |
| 50° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 52.5° | 8.4 | 8.2 | 8.2 | 8.2 | 8.4 |
| 55° | 7.8 | 7.6 | 7.4 | 7.6 | 7.8 |
| 57.5° | 7.2 | 7.0 | 6.8 | 7.0 | 7.2 |
| 60° | 7.0 | 6.6 | 6.4 | 6.6 | 6.8 |
| 62.5° | 6.6 | 6.2 | 6.0 | 6.2 | 6.6 |
| 65° | 6.4 | 5.8 | 5.6 | 5.8 | 6.4 |
| 67.5° | 6.2 | 5.4 | 5.0 | 5.4 | 6.2 |
| 70° | 6.2 | 5.0 | 4.6 | 5.2 | 6.2 |
| 72.5° | 6.0 | 4.8 | 4.0 | 4.8 | 6.0 |
| 75° | 6.0 | 4.4 | 3.6 | 4.6 | 6.0 |
| 77.5° | 5.6 | 4.0 | 3.0 | 4.2 | 5.6 |
| 80° | 5.0 | 3.6 | 2.6 | 3.8 | 4.8 |
| 82.5° | 3.6 | 3.0 | 2.0 | 3.0 | 3.6 |
| 85° | 2.0 | 2.2 | 1.2 | 2.0 | 2.2 |
| 87.5° | 0.2 | 0.6 | 0.4 | 1.2 | 1.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)