

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: P1310302

Luminaire Tested: LDSQA3D13R129035DE010 3LSQCDR1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R129035DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

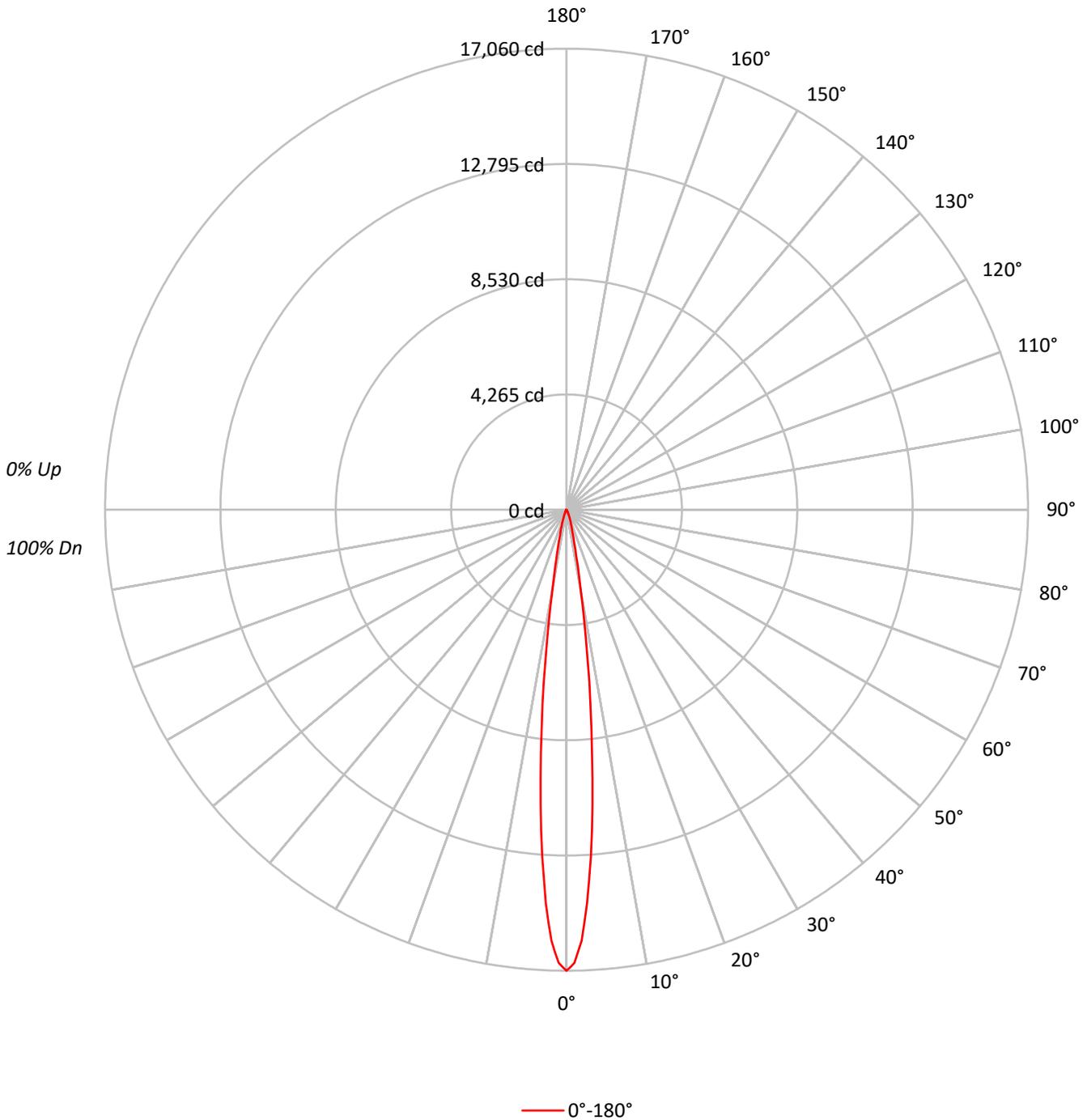
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1158.0 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1310302
CATALOG NUMBER: LDSQA3D13R129035DE010 3LSQCDR1MW

Luminous Intensity Polar Plot





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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 | 116 | 114 | 113 | 111 | 114 | 112 | 111 | 109 | 108 | 107 | 106 | 104 | 104 | 103 | 101 | 101 | 100 | | 98 |
| 2 | 113 | 110 | 108 | 106 | 111 | 108 | 106 | 104 | 105 | 104 | 102 | 103 | 101 | 100 | 100 | 99 | 98 | | 97 |
| 3 | 110 | 107 | 104 | 102 | 109 | 105 | 103 | 101 | 103 | 101 | 99 | 101 | 99 | 98 | 99 | 98 | 96 | | 95 |
| 4 | 108 | 104 | 101 | 98 | 107 | 103 | 100 | 98 | 101 | 99 | 97 | 99 | 97 | 96 | 98 | 96 | 95 | | 94 |
| 5 | 106 | 102 | 98 | 96 | 105 | 101 | 98 | 96 | 99 | 97 | 95 | 98 | 96 | 94 | 97 | 95 | 93 | | 92 |
| 6 | 104 | 99 | 96 | 94 | 103 | 99 | 96 | 94 | 98 | 95 | 93 | 96 | 94 | 93 | 95 | 93 | 92 | | 91 |
| 7 | 102 | 98 | 94 | 92 | 101 | 97 | 94 | 92 | 96 | 93 | 92 | 95 | 93 | 91 | 94 | 92 | 91 | | 90 |
| 8 | 101 | 96 | 93 | 91 | 100 | 95 | 93 | 90 | 95 | 92 | 90 | 94 | 92 | 90 | 93 | 91 | 90 | | 89 |
| 9 | 99 | 94 | 91 | 89 | 98 | 94 | 91 | 89 | 93 | 91 | 89 | 93 | 90 | 89 | 92 | 90 | 88 | | 88 |
| 10 | 98 | 93 | 90 | 88 | 97 | 93 | 90 | 88 | 92 | 90 | 88 | 91 | 89 | 88 | 91 | 89 | 87 | | 87 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|---------|
| | 0° |
| 0° | 2938135 |
| 5° | 1898418 |
| 10° | 535638 |
| 15° | 151446 |
| 20° | 63322 |
| 25° | 28048 |
| 30° | 14318 |
| 35° | 7569 |
| 40° | 3237 |
| 45° | 877 |
| 50° | 965 |
| 55° | 0 |
| 60° | 0 |
| 65° | 0 |
| 70° | 0 |
| 75° | 0 |
| 80° | 0 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 50°
 Luminance: 965 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 773.7 | 66.8 |
| 10°-20° | 280.7 | 24.2 |
| 20°-30° | 75.2 | 6.5 |
| 30°-40° | 23.6 | 2.0 |
| 40°-50° | 4.4 | 0.4 |
| 50°-60° | 0.4 | 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° | 1129.6 | 97.5 |
| 0°-40° | 1153.2 | 99.6 |
| 0°-60° | 1158.0 | 100.0 |
| 0°-90° | 1158.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1158.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-------|------|
| 0° | 17060 | |
| 5° | 10981 | 774 |
| 15° | 849 | 281 |
| 25° | 148 | 75 |
| 35° | 36 | 24 |
| 45° | 4 | 4 |
| 55° | 0 | 0 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|---------|
| 0° | 17060.1 |
| 1° | 16772.2 |
| 2° | 15962.3 |
| 3° | 14576.7 |
| 4° | 12856.3 |
| 5° | 10981.1 |
| 6° | 9026.7 |
| 7° | 7277.5 |
| 8° | 5600.3 |
| 9° | 4167.8 |
| 10° | 3062.9 |
| 11° | 2256.7 |
| 12° | 1698.8 |
| 13° | 1317.3 |
| 14° | 1043.8 |
| 15° | 849.4 |
| 17.5° | 539.9 |
| 20° | 345.5 |
| 22.5° | 223.1 |
| 25° | 147.6 |
| 27.5° | 100.8 |
| 30° | 72.0 |
| 32.5° | 50.4 |
| 35° | 36.0 |
| 37.5° | 25.2 |
| 40° | 14.4 |
| 42.5° | 7.2 |
| 45° | 3.6 |
| 47.5° | 3.6 |
| 50° | 3.6 |
| 52.5° | 0.0 |
| 55° | 0.0 |
| 57.5° | 0.0 |
| 60° | 0.0 |
| 62.5° | 0.0 |
| 65° | 0.0 |
| 67.5° | 0.0 |
| 70° | 0.0 |
| 72.5° | 0.0 |
| 75° | 0.0 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)