

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: P1323483

Luminaire Tested: LDSQA3D02R359030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

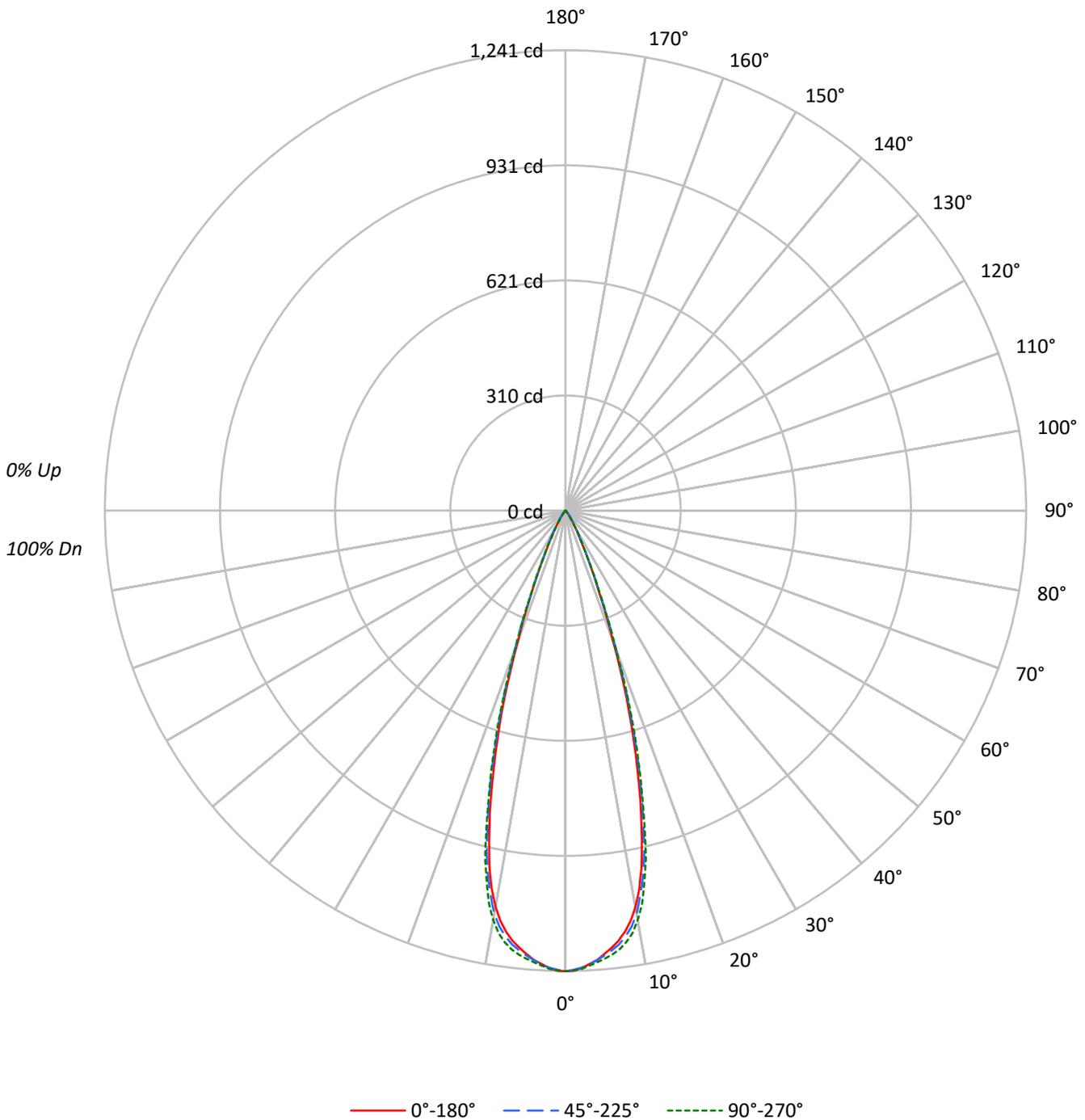
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 417.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
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: P1323483

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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 | 115 | 113 | 111 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 99 | 98 | 98 | 98 | 98 | 96 |
| 2 | 111 | 107 | 104 | 101 | 109 | 105 | 103 | 100 | 102 | 100 | 98 | 99 | 98 | 96 | 97 | 95 | 94 | 94 | 94 | 94 | 93 |
| 3 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 95 | 98 | 96 | 93 | 96 | 94 | 92 | 94 | 92 | 90 | 94 | 92 | 90 | 89 |
| 4 | 103 | 98 | 94 | 91 | 102 | 97 | 93 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 89 | 87 | 91 | 89 | 87 | 86 |
| 5 | 100 | 94 | 90 | 86 | 99 | 93 | 89 | 86 | 91 | 88 | 85 | 90 | 87 | 85 | 89 | 86 | 84 | 89 | 86 | 84 | 83 |
| 6 | 97 | 90 | 86 | 83 | 96 | 90 | 86 | 83 | 88 | 85 | 82 | 87 | 84 | 82 | 86 | 83 | 81 | 86 | 83 | 81 | 80 |
| 7 | 94 | 87 | 83 | 80 | 93 | 87 | 82 | 79 | 85 | 82 | 79 | 84 | 81 | 79 | 83 | 81 | 78 | 83 | 81 | 78 | 77 |
| 8 | 91 | 84 | 80 | 77 | 90 | 84 | 79 | 77 | 83 | 79 | 76 | 82 | 78 | 76 | 81 | 78 | 76 | 81 | 78 | 76 | 75 |
| 9 | 88 | 81 | 77 | 74 | 88 | 81 | 77 | 74 | 80 | 76 | 74 | 79 | 76 | 74 | 79 | 76 | 73 | 79 | 76 | 73 | 72 |
| 10 | 86 | 79 | 75 | 72 | 85 | 78 | 74 | 72 | 78 | 74 | 71 | 77 | 74 | 71 | 76 | 73 | 71 | 76 | 73 | 71 | 70 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 213797 | 213797 | 213797 |
| 5° | 207474 | 208200 | 209618 |
| 10° | 189779 | 193084 | 196040 |
| 15° | 136220 | 141212 | 142674 |
| 20° | 68527 | 72522 | 72705 |
| 25° | 25977 | 26775 | 26908 |
| 30° | 10540 | 12111 | 10361 |
| 35° | 3826 | 5824 | 3700 |
| 40° | 1619 | 2496 | 1529 |
| 45° | 390 | 1023 | 390 |
| 50° | 268 | 429 | 268 |
| 55° | 300 | 300 | 300 |
| 60° | 344 | 344 | 344 |
| 65° | 285 | 285 | 285 |
| 70° | 151 | 151 | 151 |
| 75° | 200 | 200 | 200 |
| 80° | 298 | 298 | 298 |
| 85° | 0 | 0 | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1023 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 112.2 | 26.9 |
| 10°-20° | 209.1 | 50.1 |
| 20°-30° | 75.2 | 18.0 |
| 30°-40° | 15.8 | 3.8 |
| 40°-50° | 2.7 | 0.7 |
| 50°-60° | 0.9 | 0.2 |
| 60°-70° | 0.7 | 0.2 |
| 70°-80° | 0.3 | 0.1 |
| 80°-90° | 0.1 | 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° | 396.5 | 95.1 |
| 0°-40° | 412.3 | 98.9 |
| 0°-60° | 416.0 | 99.7 |
| 0°-90° | 417.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 417.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|------|-------|------|-------|------|------|
| 0° | 1241 | 1241 | 1241 | 1241 | 1241 | |
| 5° | 1200 | 1202 | 1204 | 1212 | 1212 | 111 |
| 15° | 764 | 777 | 792 | 800 | 800 | 203 |
| 25° | 137 | 139 | 141 | 142 | 142 | 73 |
| 35° | 18 | 22 | 28 | 21 | 18 | 14 |
| 45° | 2 | 3 | 4 | 3 | 2 | 2 |
| 55° | 1 | 1 | 1 | 1 | 1 | 1 |
| 65° | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P1323483

CATALOG NUMBER: LDSQA3D02R359030D2WDE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|--------|--------|--------|--------|--------|
| 0° | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 |
| 1° | 1240.8 | 1240.8 | 1238.2 | 1241.1 | 1240.1 |
| 2° | 1233.9 | 1234.6 | 1233.0 | 1236.5 | 1236.2 |
| 3° | 1224.5 | 1226.1 | 1224.8 | 1230.0 | 1228.4 |
| 4° | 1214.4 | 1215.7 | 1215.1 | 1221.6 | 1220.9 |
| 5° | 1200.1 | 1202.4 | 1204.3 | 1212.5 | 1212.5 |
| 6° | 1185.4 | 1187.7 | 1192.0 | 1200.7 | 1203.7 |
| 7° | 1168.5 | 1171.5 | 1178.3 | 1190.0 | 1192.0 |
| 8° | 1147.0 | 1150.3 | 1159.7 | 1172.4 | 1175.0 |
| 9° | 1120.4 | 1125.2 | 1136.0 | 1151.3 | 1152.9 |
| 10° | 1085.2 | 1089.1 | 1104.1 | 1116.8 | 1121.0 |
| 11° | 1039.7 | 1042.9 | 1056.3 | 1076.8 | 1079.4 |
| 12° | 984.3 | 988.3 | 1005.5 | 1018.8 | 1021.4 |
| 13° | 914.4 | 921.9 | 942.7 | 955.7 | 962.9 |
| 14° | 842.5 | 852.6 | 867.5 | 886.1 | 881.5 |
| 15° | 764.0 | 777.4 | 792.0 | 800.5 | 800.2 |
| 17.5° | 571.7 | 579.5 | 592.6 | 597.4 | 603.9 |
| 20° | 373.9 | 384.0 | 395.7 | 400.2 | 396.7 |
| 22.5° | 232.0 | 234.6 | 238.2 | 240.1 | 239.5 |
| 25° | 136.7 | 138.6 | 140.9 | 142.2 | 141.6 |
| 27.5° | 82.3 | 86.9 | 90.1 | 86.2 | 84.0 |
| 30° | 53.0 | 55.0 | 60.9 | 55.6 | 52.1 |
| 32.5° | 31.6 | 36.1 | 41.0 | 34.8 | 30.3 |
| 35° | 18.2 | 21.5 | 27.7 | 21.2 | 17.6 |
| 37.5° | 11.7 | 13.3 | 17.9 | 13.0 | 11.4 |
| 40° | 7.2 | 9.1 | 11.1 | 8.5 | 6.8 |
| 42.5° | 3.6 | 5.5 | 6.5 | 4.9 | 3.6 |
| 45° | 1.6 | 2.6 | 4.2 | 2.6 | 1.6 |
| 47.5° | 1.0 | 1.3 | 2.6 | 1.3 | 1.0 |
| 50° | 1.0 | 1.0 | 1.6 | 1.0 | 1.0 |
| 52.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 55° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 57.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 60° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 62.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 65° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 67.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 70° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 72.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 75° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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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)