

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: P1310060

Luminaire Tested: LDSQA3D05R359035DE010 3LSQPHRL1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310060
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359035DE010 3LSQPHRL1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQPHRL1MB TRIM
Light Source: -
Ballast/Driver: -

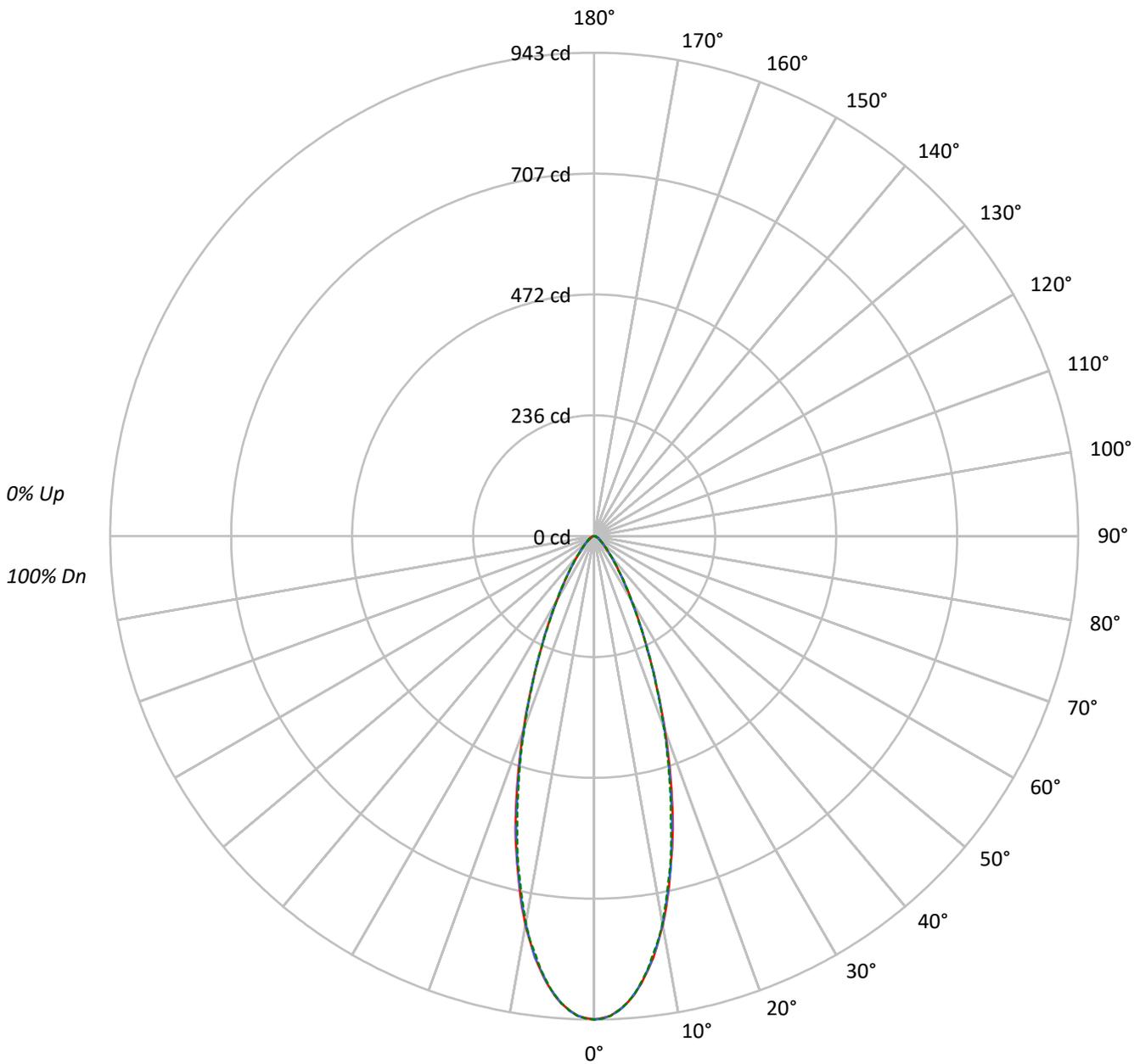
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 465.0 lumens
Efficiency: N/A
Efficacy: 64.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
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

TEST NUMBER: P1310060
CATALOG NUMBER: LDSQA3D05R359035DE010 3LSQPHRL1MB

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1310060

CATALOG NUMBER: LDSQA3D05R359035DE010 3LSQPHRL1MB

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 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 | 114 | 111 | 108 | 106 | 111 | 109 | 106 | 104 | 105 | 103 | 101 | 101 | 99 | 98 | 97 | 96 | 95 | 95 | 95 | 95 | 94 |
| 2 | 108 | 103 | 99 | 96 | 106 | 102 | 98 | 95 | 98 | 95 | 93 | 95 | 93 | 91 | 93 | 91 | 89 | 89 | 89 | 89 | 87 |
| 3 | 103 | 97 | 92 | 88 | 101 | 95 | 91 | 87 | 93 | 89 | 86 | 90 | 87 | 85 | 88 | 86 | 83 | 83 | 83 | 83 | 82 |
| 4 | 98 | 91 | 86 | 82 | 97 | 90 | 85 | 81 | 88 | 84 | 80 | 86 | 82 | 79 | 84 | 81 | 78 | 78 | 78 | 78 | 77 |
| 5 | 94 | 86 | 80 | 76 | 92 | 85 | 80 | 76 | 83 | 79 | 75 | 82 | 78 | 75 | 80 | 77 | 74 | 74 | 74 | 74 | 73 |
| 6 | 90 | 81 | 76 | 72 | 88 | 81 | 75 | 71 | 79 | 74 | 71 | 78 | 74 | 70 | 76 | 73 | 70 | 70 | 70 | 70 | 69 |
| 7 | 86 | 77 | 72 | 68 | 85 | 77 | 71 | 67 | 75 | 71 | 67 | 74 | 70 | 67 | 73 | 69 | 66 | 66 | 66 | 66 | 65 |
| 8 | 82 | 73 | 68 | 64 | 81 | 73 | 68 | 64 | 72 | 67 | 64 | 71 | 67 | 63 | 70 | 66 | 63 | 63 | 63 | 63 | 62 |
| 9 | 79 | 70 | 65 | 61 | 78 | 70 | 64 | 61 | 69 | 64 | 61 | 68 | 63 | 60 | 67 | 63 | 60 | 60 | 60 | 60 | 59 |
| 10 | 76 | 67 | 62 | 58 | 75 | 67 | 61 | 58 | 66 | 61 | 58 | 65 | 61 | 58 | 64 | 60 | 57 | 57 | 57 | 57 | 56 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|--------|--------|--------|
| 0° | 162389 | 162389 | 162389 |
| 5° | 155160 | 154901 | 155160 |
| 10° | 134710 | 134255 | 134080 |
| 15° | 105552 | 104732 | 103074 |
| 20° | 73842 | 73182 | 72705 |
| 25° | 46899 | 47184 | 46899 |
| 30° | 28895 | 29094 | 28895 |
| 35° | 17871 | 17976 | 17976 |
| 40° | 11353 | 11466 | 11466 |
| 45° | 7648 | 7770 | 7916 |
| 50° | 5519 | 5653 | 5653 |
| 55° | 4324 | 4324 | 4324 |
| 60° | 3548 | 3548 | 3548 |
| 65° | 3138 | 3138 | 3138 |
| 70° | 2870 | 2870 | 2870 |
| 75° | 2396 | 2396 | 2396 |
| 80° | 2083 | 2083 | 2083 |
| 85° | 988 | 988 | 1976 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°
 Vertical Angle: 45°
 Luminance: 7916 cd/sqm



TEST NUMBER: P1310060

CATALOG NUMBER: LDSQA3D05R359035DE010 3LSQPHRL1MB

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 81.5 | 17.5 |
| 10°-20° | 160.4 | 34.5 |
| 20°-30° | 115.8 | 24.9 |
| 30°-40° | 55.8 | 12.0 |
| 40°-50° | 25.7 | 5.5 |
| 50°-60° | 13.3 | 2.9 |
| 60°-70° | 7.7 | 1.7 |
| 70°-80° | 3.9 | 0.8 |
| 80°-90° | 0.9 | 0.2 |
| 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° | 357.7 | 76.9 |
| 0°-40° | 413.5 | 88.9 |
| 0°-60° | 452.5 | 97.3 |
| 0°-90° | 465.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 465.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 943 | 943 | 943 | 943 | 943 | |
| 5° | 898 | 900 | 896 | 896 | 898 | 82 |
| 15° | 592 | 591 | 587 | 585 | 578 | 161 |
| 25° | 247 | 247 | 248 | 248 | 247 | 116 |
| 35° | 85 | 85 | 86 | 86 | 86 | 55 |
| 45° | 31 | 32 | 32 | 32 | 32 | 25 |
| 55° | 14 | 14 | 14 | 14 | 14 | 13 |
| 65° | 8 | 8 | 8 | 8 | 8 | 8 |
| 75° | 4 | 4 | 4 | 4 | 4 | 4 |
| 85° | 0 | 0 | 0 | 0 | 1 | 1 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1310060

CATALOG NUMBER: LDSQA3D05R359035DE010 3LSQPHRL1MB

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 942.9 | 942.9 | 942.9 | 942.9 | 942.9 |
| 1° | 940.3 | 941.8 | 941.3 | 941.8 | 941.3 |
| 2° | 935.7 | 936.7 | 935.7 | 936.2 | 936.2 |
| 3° | 925.9 | 926.9 | 926.9 | 926.4 | 925.9 |
| 4° | 914.0 | 916.6 | 914.0 | 914.5 | 913.0 |
| 5° | 897.5 | 899.6 | 896.0 | 896.5 | 897.5 |
| 6° | 877.4 | 878.0 | 876.9 | 876.4 | 875.4 |
| 7° | 854.3 | 856.3 | 852.7 | 853.2 | 852.2 |
| 8° | 829.5 | 829.0 | 829.0 | 826.9 | 823.9 |
| 9° | 799.6 | 801.7 | 798.6 | 797.6 | 798.1 |
| 10° | 770.3 | 770.3 | 767.7 | 765.1 | 766.7 |
| 11° | 736.8 | 735.8 | 734.2 | 730.6 | 729.6 |
| 12° | 700.2 | 702.3 | 697.6 | 696.1 | 692.5 |
| 13° | 662.6 | 665.7 | 663.6 | 658.0 | 658.5 |
| 14° | 627.6 | 625.5 | 623.9 | 622.9 | 619.3 |
| 15° | 592.0 | 591.0 | 587.4 | 584.8 | 578.1 |
| 17.5° | 494.6 | 495.7 | 489.0 | 487.9 | 485.3 |
| 20° | 402.9 | 399.8 | 399.3 | 399.8 | 396.7 |
| 22.5° | 317.9 | 321.0 | 317.4 | 317.9 | 315.8 |
| 25° | 246.8 | 247.3 | 248.3 | 248.3 | 246.8 |
| 27.5° | 191.7 | 191.7 | 190.6 | 191.7 | 190.1 |
| 30° | 145.3 | 145.3 | 146.3 | 147.4 | 145.3 |
| 32.5° | 112.3 | 112.3 | 112.3 | 112.8 | 113.4 |
| 35° | 85.0 | 85.0 | 85.5 | 85.5 | 85.5 |
| 37.5° | 65.4 | 65.9 | 66.5 | 66.5 | 66.5 |
| 40° | 50.5 | 51.0 | 51.0 | 51.5 | 51.0 |
| 42.5° | 40.2 | 40.2 | 40.2 | 40.7 | 40.7 |
| 45° | 31.4 | 31.9 | 31.9 | 32.5 | 32.5 |
| 47.5° | 25.8 | 25.8 | 25.8 | 26.3 | 26.3 |
| 50° | 20.6 | 21.1 | 21.1 | 21.1 | 21.1 |
| 52.5° | 17.0 | 17.0 | 17.5 | 17.5 | 17.5 |
| 55° | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 |
| 57.5° | 11.9 | 12.4 | 12.4 | 12.4 | 12.4 |
| 60° | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 |
| 62.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 65° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| 67.5° | 6.2 | 6.7 | 6.7 | 6.7 | 6.7 |
| 70° | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| 72.5° | 4.1 | 4.6 | 4.6 | 4.6 | 4.6 |
| 75° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 3.1 | 2.6 | 2.6 | 2.6 | 3.1 |
| 80° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 82.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 1.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 |



TEST NUMBER: P1310060
CATALOG NUMBER: LDSQA3D05R359035DE010 3LSQPHRL1MB

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)