

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: IRiS

Report Number: P1254712

Luminaire Tested: P3AS13R359035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

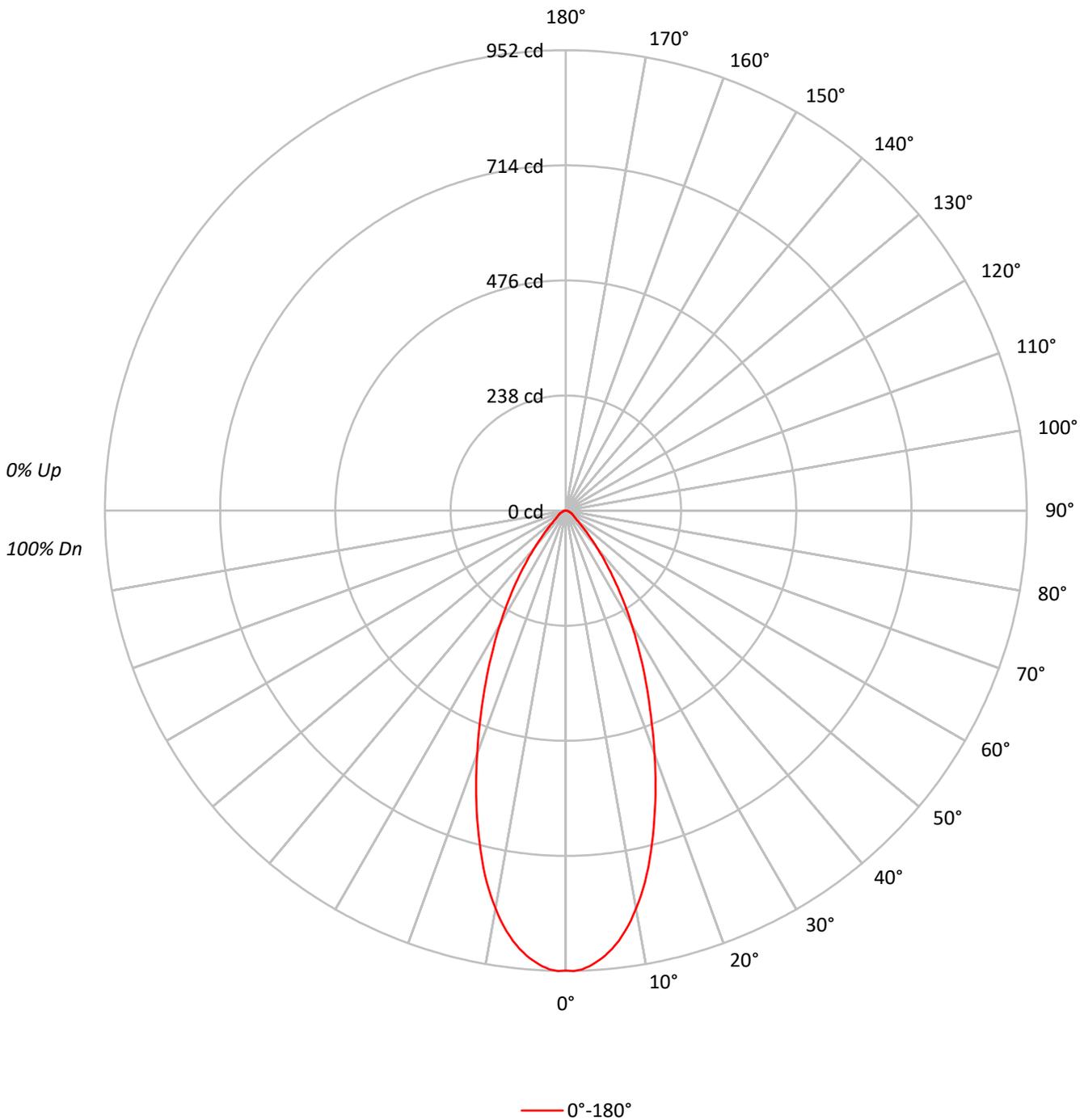
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 649.0 lumens
Efficiency: N/A
Efficacy: 44.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

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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 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 | 100 |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | 93 | 93 | 93 |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 97 | 93 | 97 | 94 | 91 | 94 | 92 | 89 | 91 | 89 | 87 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 85 | 82 | 86 | 84 | 81 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 82 | 78 | 86 | 81 | 77 | 84 | 80 | 77 | 82 | 78 | 76 | 74 | 74 | 74 | 74 |
| 5 | 92 | 83 | 77 | 73 | 90 | 82 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 71 | 77 | 74 | 71 | 69 | 69 | 69 | 69 |
| 6 | 87 | 78 | 72 | 68 | 86 | 77 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 67 | 63 | 71 | 66 | 63 | 69 | 65 | 62 | 61 | 61 | 61 | 61 |
| 8 | 79 | 70 | 64 | 60 | 78 | 69 | 63 | 59 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 59 | 57 | 57 | 57 | 57 |
| 9 | 76 | 66 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 59 | 56 | 64 | 59 | 56 | 63 | 59 | 55 | 54 | 54 | 54 | 54 |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 61 | 56 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | 51 | 51 | 51 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 208602 |
| 5° | 203455 |
| 10° | 186013 |
| 15° | 157890 |
| 20° | 124984 |
| 25° | 94530 |
| 30° | 68821 |
| 35° | 46552 |
| 40° | 28596 |
| 45° | 16436 |
| 50° | 9893 |
| 55° | 8028 |
| 60° | 7017 |
| 65° | 6226 |
| 70° | 5129 |
| 75° | 5083 |
| 80° | 5051 |
| 85° | 5032 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16436 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 85.4 | 13.2 |
| 10°-20° | 191.7 | 29.5 |
| 20°-30° | 179.4 | 27.6 |
| 30°-40° | 109.8 | 16.9 |
| 40°-50° | 43.3 | 6.7 |
| 50°-60° | 19.1 | 2.9 |
| 60°-70° | 11.9 | 1.8 |
| 70°-80° | 6.3 | 1.0 |
| 80°-90° | 2.2 | 0.3 |
| 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° | 456.5 | 70.3 |
| 0°-40° | 566.3 | 87.3 |
| 0°-60° | 628.7 | 96.9 |
| 0°-90° | 649.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 649.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 951 | |
| 5° | 924 | 85 |
| 15° | 696 | 192 |
| 25° | 391 | 179 |
| 35° | 174 | 110 |
| 45° | 53 | 43 |
| 55° | 21 | 19 |
| 65° | 12 | 12 |
| 75° | 6 | 6 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 951.3 |
| 1° | 952.3 |
| 2° | 949.3 |
| 3° | 943.3 |
| 4° | 934.3 |
| 5° | 924.3 |
| 6° | 911.3 |
| 7° | 896.4 |
| 8° | 878.4 |
| 9° | 858.4 |
| 10° | 835.4 |
| 11° | 811.4 |
| 12° | 785.4 |
| 13° | 757.5 |
| 14° | 726.5 |
| 15° | 695.5 |
| 17.5° | 615.6 |
| 20° | 535.6 |
| 22.5° | 458.7 |
| 25° | 390.7 |
| 27.5° | 327.8 |
| 30° | 271.8 |
| 32.5° | 219.8 |
| 35° | 173.9 |
| 37.5° | 132.9 |
| 40° | 99.9 |
| 42.5° | 71.9 |
| 45° | 53.0 |
| 47.5° | 38.0 |
| 50° | 29.0 |
| 52.5° | 24.0 |
| 55° | 21.0 |
| 57.5° | 18.0 |
| 60° | 16.0 |
| 62.5° | 14.0 |
| 65° | 12.0 |
| 67.5° | 10.0 |
| 70° | 8.0 |
| 72.5° | 7.0 |
| 75° | 6.0 |
| 77.5° | 5.0 |
| 80° | 4.0 |
| 82.5° | 3.0 |
| 85° | 2.0 |
| 87.5° | 1.0 |



TEST NUMBER: P1254712
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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)