

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: P1297957

Luminaire Tested: P3AS13R55W2N902750DE010 E3DLD1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297957
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55W2N902750DE010 E3DLD1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3500K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

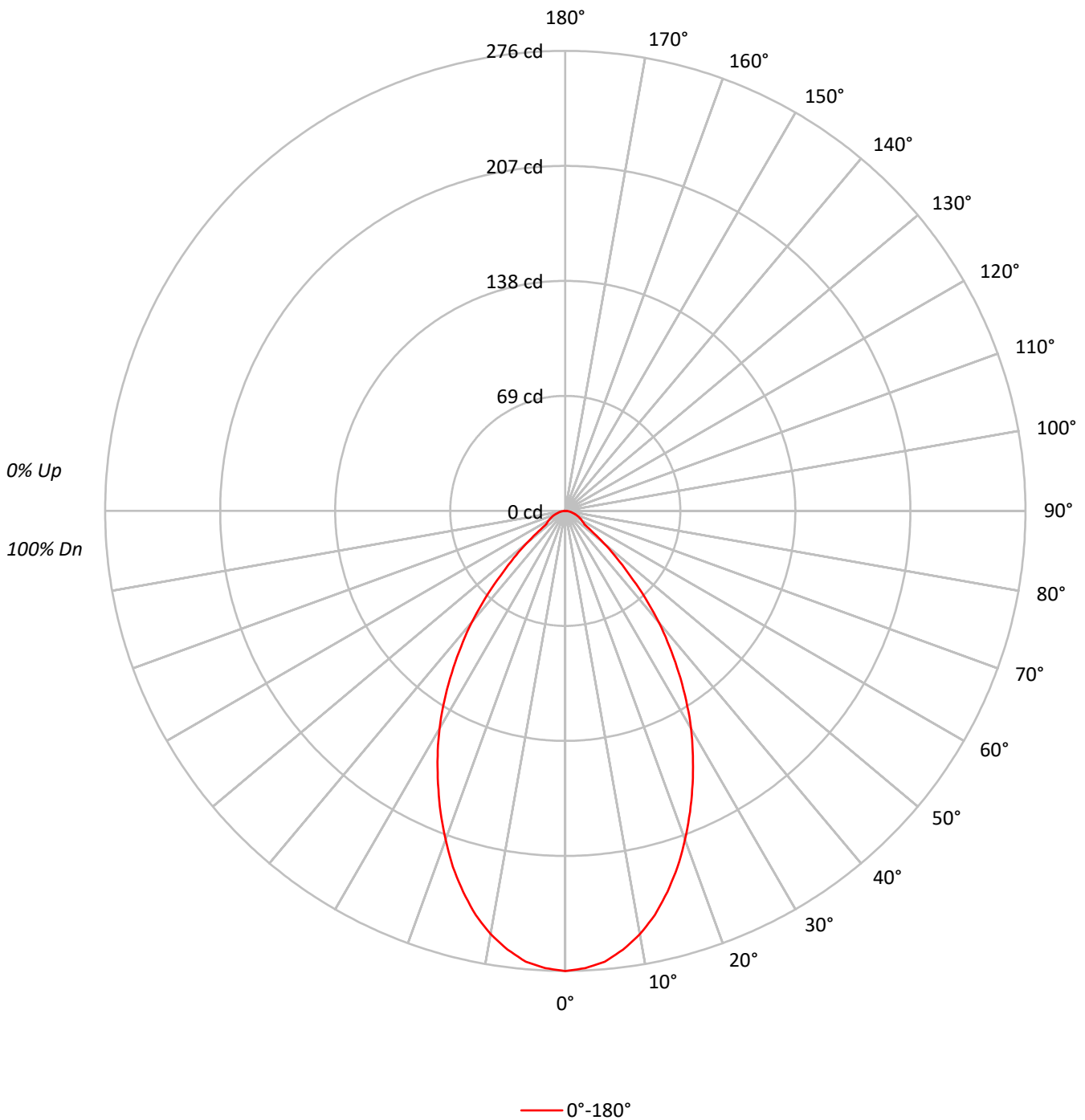
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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





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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 | | | |
| 1 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 102 | 103 | 100 | 98 | 99 | 97 | 96 | 95 | 94 | 93 | 91 | | | |
| 2 | 105 | 100 | 95 | 91 | 103 | 98 | 93 | 90 | 94 | 91 | 88 | 91 | 88 | 86 | 89 | 86 | 84 | 82 | | | |
| 3 | 99 | 91 | 85 | 81 | 97 | 90 | 84 | 80 | 87 | 82 | 79 | 85 | 81 | 77 | 82 | 79 | 76 | 74 | | | |
| 4 | 93 | 84 | 77 | 72 | 91 | 83 | 77 | 72 | 80 | 75 | 71 | 78 | 74 | 70 | 76 | 73 | 69 | 68 | | | |
| 5 | 87 | 77 | 71 | 66 | 85 | 76 | 70 | 65 | 75 | 69 | 65 | 73 | 68 | 64 | 71 | 67 | 64 | 62 | | | |
| 6 | 82 | 72 | 65 | 60 | 80 | 71 | 64 | 60 | 69 | 64 | 59 | 68 | 63 | 59 | 66 | 62 | 58 | 57 | | | |
| 7 | 77 | 67 | 60 | 55 | 76 | 66 | 59 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 | | | |
| 8 | 73 | 62 | 55 | 51 | 72 | 62 | 55 | 51 | 60 | 55 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 48 | | | |
| 9 | 69 | 58 | 51 | 47 | 68 | 58 | 51 | 47 | 57 | 51 | 47 | 56 | 50 | 46 | 55 | 50 | 46 | 45 | | | |
| 10 | 65 | 55 | 48 | 44 | 64 | 54 | 48 | 44 | 53 | 47 | 43 | 52 | 47 | 43 | 52 | 47 | 43 | 42 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 60543 |
| 5° | 59762 |
| 10° | 57403 |
| 15° | 53712 |
| 20° | 48981 |
| 25° | 43696 |
| 30° | 38234 |
| 35° | 31775 |
| 40° | 25047 |
| 45° | 16994 |
| 50° | 10371 |
| 55° | 5390 |
| 60° | 5000 |
| 65° | 4722 |
| 70° | 4360 |
| 75° | 3897 |
| 80° | 3788 |
| 85° | 2768 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16994 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 25.5 | 7.9 |
| 10°-20° | 66.1 | 20.5 |
| 20°-30° | 82.8 | 25.7 |
| 30°-40° | 73.9 | 23.0 |
| 40°-50° | 43.3 | 13.4 |
| 50°-60° | 15.0 | 4.6 |
| 60°-70° | 9.0 | 2.8 |
| 70°-80° | 5.0 | 1.6 |
| 80°-90° | 1.4 | 0.4 |
| 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° | 174.4 | 54.2 |
| 0°-40° | 248.3 | 77.1 |
| 0°-60° | 306.5 | 95.2 |
| 0°-90° | 322.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 322.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 276 | |
| 5° | 272 | 25 |
| 15° | 237 | 66 |
| 25° | 181 | 83 |
| 35° | 119 | 74 |
| 45° | 55 | 43 |
| 55° | 14 | 15 |
| 65° | 9 | 9 |
| 75° | 5 | 5 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 276.1 |
| 2.5° | 274.6 |
| 5° | 271.5 |
| 7.5° | 265.5 |
| 10° | 257.8 |
| 12.5° | 248.3 |
| 15° | 236.6 |
| 17.5° | 224.0 |
| 20° | 209.9 |
| 22.5° | 195.5 |
| 25° | 180.6 |
| 27.5° | 165.8 |
| 30° | 151.0 |
| 32.5° | 135.0 |
| 35° | 118.7 |
| 37.5° | 102.7 |
| 40° | 87.5 |
| 42.5° | 71.1 |
| 45° | 54.8 |
| 47.5° | 41.8 |
| 50° | 30.4 |
| 52.5° | 19.8 |
| 55° | 14.1 |
| 57.5° | 12.6 |
| 60° | 11.4 |
| 62.5° | 10.3 |
| 65° | 9.1 |
| 67.5° | 8.0 |
| 70° | 6.8 |
| 72.5° | 5.7 |
| 75° | 4.6 |
| 77.5° | 3.8 |
| 80° | 3.0 |
| 82.5° | 1.9 |
| 85° | 1.1 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)