

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: P1298164

Luminaire Tested: P3AS13R55W2N902765DE010 E3DLP1H_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298164
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55W2N902765DE010 E3DLP1H_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 6500K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

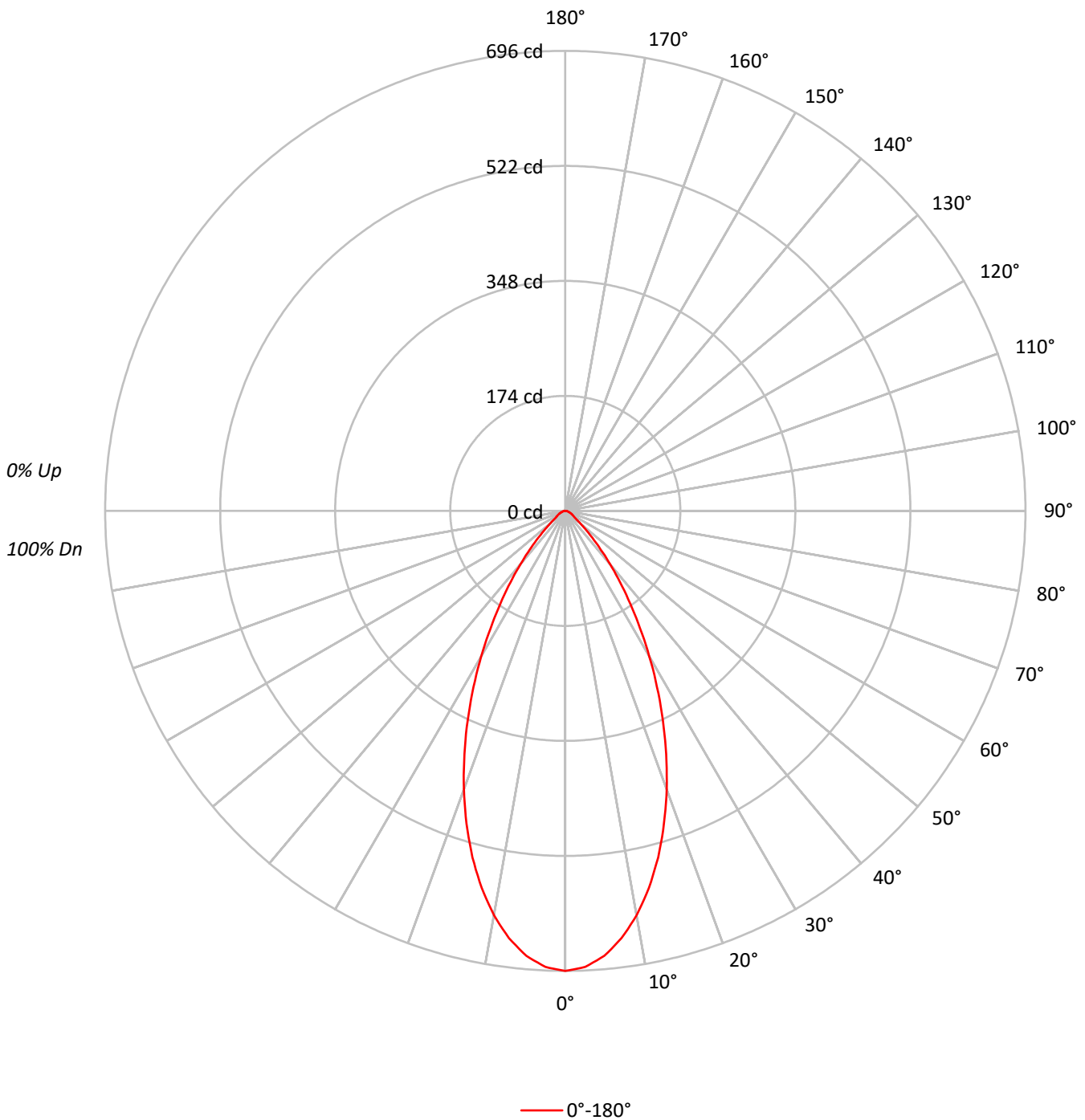
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 561.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
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 | | | 100 |
| 1 | 113 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98 | 97 | 97 | 95 | 94 | 92 | | | 92 |
| 2 | 107 | 102 | 97 | 94 | 105 | 100 | 96 | 93 | 97 | 93 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | | 85 |
| 3 | 101 | 94 | 89 | 85 | 99 | 93 | 88 | 84 | 90 | 86 | 83 | 88 | 84 | 81 | 85 | 83 | 80 | 79 | | | 79 |
| 4 | 96 | 88 | 82 | 77 | 94 | 87 | 81 | 77 | 84 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 73 | | | 73 |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 70 | 76 | 72 | 69 | 67 | | | 67 |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | | 63 |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | | 59 |
| 8 | 78 | 68 | 62 | 57 | 76 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 64 | 60 | 56 | 55 | | | 55 |
| 9 | 74 | 64 | 58 | 54 | 73 | 63 | 58 | 54 | 62 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 52 | | | 52 |
| 10 | 70 | 60 | 55 | 51 | 69 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 54 | 50 | 58 | 53 | 50 | 49 | | | 49 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 152619 |
| 5° | 148778 |
| 10° | 138319 |
| 15° | 123179 |
| 20° | 104682 |
| 25° | 84465 |
| 30° | 64390 |
| 35° | 45802 |
| 40° | 30228 |
| 45° | 17924 |
| 50° | 10507 |
| 55° | 6499 |
| 60° | 5745 |
| 65° | 5189 |
| 70° | 4424 |
| 75° | 3897 |
| 80° | 3915 |
| 85° | 3774 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17924 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 62.8 | 11.2 |
| 10°-20° | 150.4 | 26.8 |
| 20°-30° | 159.3 | 28.4 |
| 30°-40° | 107.6 | 19.2 |
| 40°-50° | 47.2 | 8.4 |
| 50°-60° | 16.9 | 3.0 |
| 60°-70° | 9.9 | 1.8 |
| 70°-80° | 5.2 | 0.9 |
| 80°-90° | 1.7 | 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° | 372.5 | 66.4 |
| 0°-40° | 480.1 | 85.6 |
| 0°-60° | 544.2 | 97.0 |
| 0°-90° | 561.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 561.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 696 | |
| 5° | 676 | 63 |
| 15° | 543 | 150 |
| 25° | 349 | 159 |
| 35° | 171 | 108 |
| 45° | 58 | 47 |
| 55° | 17 | 17 |
| 65° | 10 | 10 |
| 75° | 5 | 5 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 696.0 |
| 2.5° | 690.6 |
| 5° | 675.9 |
| 7.5° | 652.0 |
| 10° | 621.2 |
| 12.5° | 584.2 |
| 15° | 542.6 |
| 17.5° | 496.3 |
| 20° | 448.6 |
| 22.5° | 398.5 |
| 25° | 349.1 |
| 27.5° | 300.6 |
| 30° | 254.3 |
| 32.5° | 210.4 |
| 35° | 171.1 |
| 37.5° | 135.6 |
| 40° | 105.6 |
| 42.5° | 79.4 |
| 45° | 57.8 |
| 47.5° | 42.4 |
| 50° | 30.8 |
| 52.5° | 21.6 |
| 55° | 17.0 |
| 57.5° | 15.4 |
| 60° | 13.1 |
| 62.5° | 11.6 |
| 65° | 10.0 |
| 67.5° | 8.5 |
| 70° | 6.9 |
| 72.5° | 6.2 |
| 75° | 4.6 |
| 77.5° | 3.9 |
| 80° | 3.1 |
| 82.5° | 2.3 |
| 85° | 1.5 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)