

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: P1298486

Luminaire Tested: P3AS13R60W2N902765DE010 E3DLP1LI_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298486
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60W2N902765DE010 E3DLP1LI_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

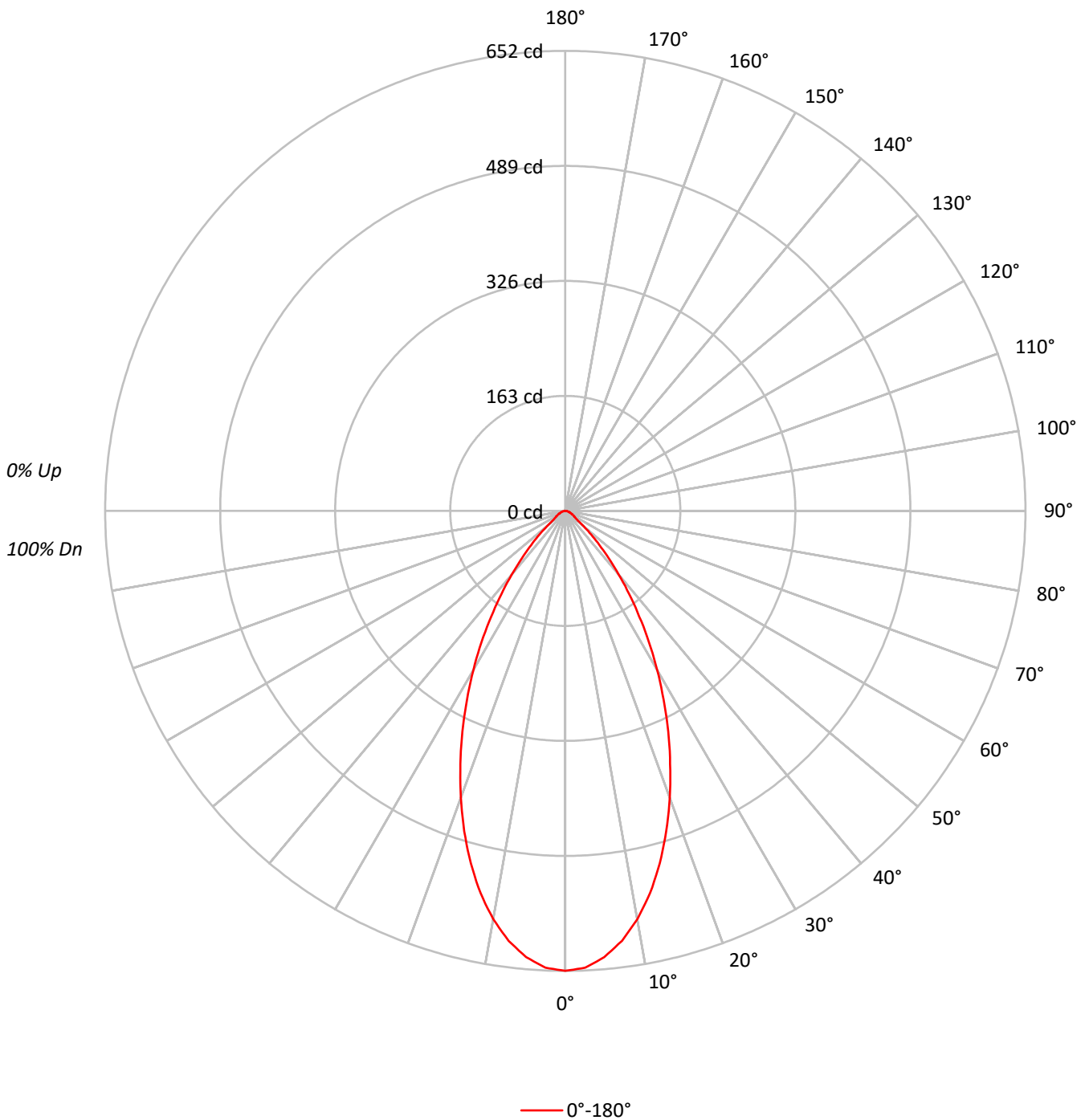
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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 | | | | 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 | 96 | 95 | 94 | 92 | | | | 92 |
| 2 | 107 | 101 | 97 | 93 | 104 | 100 | 96 | 92 | 96 | 93 | 90 | 93 | 91 | 88 | 91 | 88 | 86 | 85 | | | | 85 |
| 3 | 101 | 94 | 88 | 84 | 99 | 92 | 87 | 83 | 90 | 86 | 82 | 87 | 84 | 81 | 85 | 82 | 80 | 78 | | | | 78 |
| 4 | 95 | 87 | 81 | 77 | 93 | 86 | 80 | 76 | 84 | 79 | 75 | 82 | 78 | 74 | 80 | 76 | 73 | 72 | | | | 72 |
| 5 | 90 | 81 | 75 | 70 | 88 | 80 | 74 | 70 | 78 | 73 | 69 | 77 | 72 | 69 | 75 | 71 | 68 | 66 | | | | 66 |
| 6 | 85 | 76 | 69 | 65 | 84 | 75 | 69 | 65 | 73 | 68 | 64 | 72 | 67 | 64 | 71 | 66 | 63 | 62 | | | | 62 |
| 7 | 81 | 71 | 65 | 60 | 79 | 70 | 64 | 60 | 69 | 64 | 60 | 68 | 63 | 59 | 67 | 62 | 59 | 57 | | | | 57 |
| 8 | 77 | 67 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 55 | 63 | 58 | 55 | 54 | | | | 54 |
| 9 | 73 | 63 | 57 | 52 | 72 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 60 | 55 | 52 | 50 | | | | 50 |
| 10 | 69 | 59 | 53 | 49 | 68 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 56 | 52 | 49 | 47 | | | | 47 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 142927 |
| 5° | 139731 |
| 10° | 130815 |
| 15° | 117367 |
| 20° | 100925 |
| 25° | 83448 |
| 30° | 65934 |
| 35° | 48961 |
| 40° | 33720 |
| 45° | 21149 |
| 50° | 11633 |
| 55° | 6805 |
| 60° | 6140 |
| 65° | 5241 |
| 70° | 4488 |
| 75° | 4575 |
| 80° | 3915 |
| 85° | 4026 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21149 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 59.1 | 10.5 |
| 10°-20° | 143.6 | 25.5 |
| 20°-30° | 157.5 | 27.9 |
| 30°-40° | 114.7 | 20.3 |
| 40°-50° | 54.2 | 9.6 |
| 50°-60° | 17.8 | 3.1 |
| 60°-70° | 10.1 | 1.8 |
| 70°-80° | 5.4 | 1.0 |
| 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° | 360.2 | 63.9 |
| 0°-40° | 474.9 | 84.2 |
| 0°-60° | 546.8 | 97.0 |
| 0°-90° | 564.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 564.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 652 | |
| 5° | 635 | 59 |
| 15° | 517 | 144 |
| 25° | 345 | 157 |
| 35° | 183 | 115 |
| 45° | 68 | 54 |
| 55° | 18 | 18 |
| 65° | 10 | 10 |
| 75° | 5 | 5 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 651.8 |
| 2.5° | 648.0 |
| 5° | 634.8 |
| 7.5° | 614.6 |
| 10° | 587.5 |
| 12.5° | 555.0 |
| 15° | 517.0 |
| 17.5° | 475.9 |
| 20° | 432.5 |
| 22.5° | 388.3 |
| 25° | 344.9 |
| 27.5° | 301.5 |
| 30° | 260.4 |
| 32.5° | 220.9 |
| 35° | 182.9 |
| 37.5° | 148.8 |
| 40° | 117.8 |
| 42.5° | 90.7 |
| 45° | 68.2 |
| 47.5° | 49.6 |
| 50° | 34.1 |
| 52.5° | 22.5 |
| 55° | 17.8 |
| 57.5° | 15.5 |
| 60° | 14.0 |
| 62.5° | 11.6 |
| 65° | 10.1 |
| 67.5° | 8.5 |
| 70° | 7.0 |
| 72.5° | 6.2 |
| 75° | 5.4 |
| 77.5° | 3.9 |
| 80° | 3.1 |
| 82.5° | 2.3 |
| 85° | 1.6 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)