

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: P1297073

Luminaire Tested: P3AS13R40W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40W2N902750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

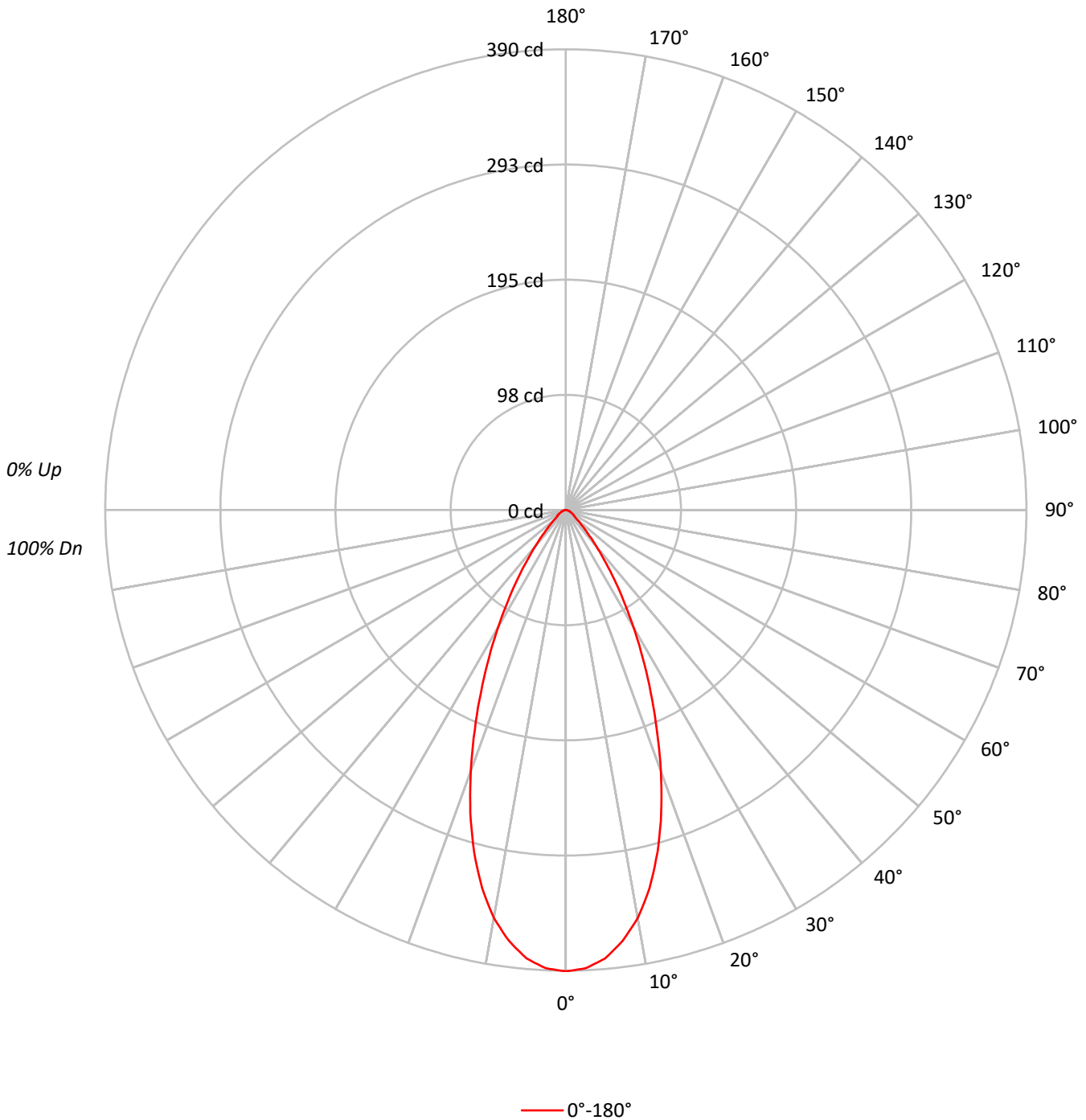
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 275.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
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 | 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 | 95 | 105 | 101 | 97 | 94 | 97 | 94 | 91 | 94 | 92 | 89 | 92 | 89 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 85 | 83 | 86 | 84 | 81 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 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 | 78 | 72 | 68 | 76 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 73 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 62 | 61 | 61 | 61 | 61 |
| 8 | 79 | 70 | 64 | 60 | 78 | 69 | 64 | 60 | 68 | 63 | 59 | 67 | 63 | 59 | 66 | 62 | 59 | 58 | 58 | 58 | 58 |
| 9 | 76 | 66 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 60 | 56 | 64 | 59 | 56 | 63 | 59 | 56 | 54 | 54 | 54 | 54 |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | 51 | 51 | 51 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 85629 |
| 5° | 83887 |
| 10° | 78110 |
| 15° | 68082 |
| 20° | 54861 |
| 25° | 41131 |
| 30° | 28916 |
| 35° | 18953 |
| 40° | 11479 |
| 45° | 6853 |
| 50° | 4094 |
| 55° | 3288 |
| 60° | 2938 |
| 65° | 2542 |
| 70° | 2372 |
| 75° | 1864 |
| 80° | 1894 |
| 85° | 1761 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6853 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 35.4 | 12.9 |
| 10°-20° | 82.6 | 30.0 |
| 20°-30° | 77.8 | 28.3 |
| 30°-40° | 45.0 | 16.4 |
| 40°-50° | 18.0 | 6.5 |
| 50°-60° | 7.9 | 2.9 |
| 60°-70° | 4.9 | 1.8 |
| 70°-80° | 2.6 | 0.9 |
| 80°-90° | 0.8 | 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° | 195.8 | 71.2 |
| 0°-40° | 240.8 | 87.6 |
| 0°-60° | 266.7 | 97.0 |
| 0°-90° | 275.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 275.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 390 | |
| 5° | 381 | 35 |
| 15° | 300 | 83 |
| 25° | 170 | 78 |
| 35° | 71 | 45 |
| 45° | 22 | 18 |
| 55° | 9 | 8 |
| 65° | 5 | 5 |
| 75° | 2 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 390.5 |
| 2.5° | 388.3 |
| 5° | 381.1 |
| 7.5° | 368.0 |
| 10° | 350.8 |
| 12.5° | 327.6 |
| 15° | 299.9 |
| 17.5° | 268.8 |
| 20° | 235.1 |
| 22.5° | 201.4 |
| 25° | 170.0 |
| 27.5° | 140.8 |
| 30° | 114.2 |
| 32.5° | 91.0 |
| 35° | 70.8 |
| 37.5° | 53.5 |
| 40° | 40.1 |
| 42.5° | 30.0 |
| 45° | 22.1 |
| 47.5° | 16.1 |
| 50° | 12.0 |
| 52.5° | 9.7 |
| 55° | 8.6 |
| 57.5° | 7.9 |
| 60° | 6.7 |
| 62.5° | 5.6 |
| 65° | 4.9 |
| 67.5° | 4.1 |
| 70° | 3.7 |
| 72.5° | 3.0 |
| 75° | 2.2 |
| 77.5° | 1.9 |
| 80° | 1.5 |
| 82.5° | 1.1 |
| 85° | 0.7 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)