

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: P1295029

Luminaire Tested: P3AS09R65W2N902765DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295029
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65W2N902765DE010 E3DLP1WMH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

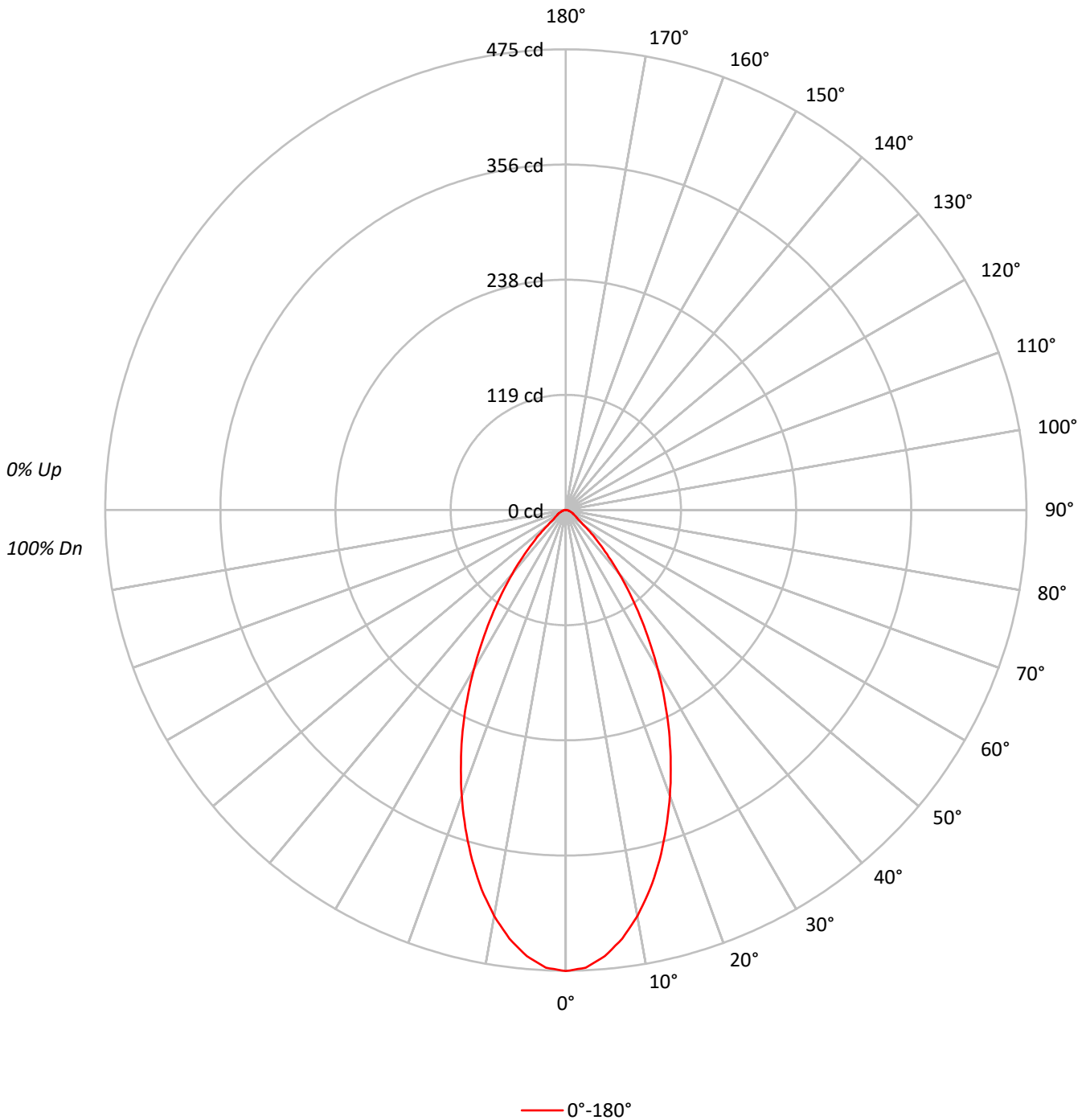
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 410.0 lumens
Efficiency: N/A
Efficacy: 45.6 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): 9
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 | 113 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 | | | |
| 2 | 107 | 101 | 97 | 93 | 104 | 100 | 96 | 92 | 96 | 93 | 90 | 93 | 91 | 88 | 90 | 88 | 86 | 85 | | | |
| 3 | 101 | 94 | 88 | 84 | 99 | 92 | 87 | 83 | 90 | 85 | 82 | 87 | 84 | 81 | 85 | 82 | 79 | 78 | | | |
| 4 | 95 | 87 | 81 | 76 | 93 | 86 | 80 | 76 | 84 | 79 | 75 | 82 | 78 | 74 | 80 | 76 | 73 | 72 | | | |
| 5 | 90 | 81 | 75 | 70 | 88 | 80 | 74 | 70 | 78 | 73 | 69 | 77 | 72 | 69 | 75 | 71 | 68 | 66 | | | |
| 6 | 85 | 76 | 69 | 65 | 84 | 75 | 69 | 65 | 73 | 68 | 64 | 72 | 67 | 64 | 71 | 66 | 63 | 62 | | | |
| 7 | 81 | 71 | 65 | 60 | 79 | 70 | 64 | 60 | 69 | 64 | 60 | 68 | 63 | 59 | 67 | 62 | 59 | 57 | | | |
| 8 | 77 | 67 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 59 | 56 | 64 | 59 | 55 | 63 | 58 | 55 | 54 | | | |
| 9 | 73 | 63 | 57 | 52 | 72 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 | | | |
| 10 | 69 | 59 | 53 | 49 | 68 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 56 | 52 | 49 | 47 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 104224 |
| 5° | 101629 |
| 10° | 94632 |
| 15° | 84813 |
| 20° | 73250 |
| 25° | 60923 |
| 30° | 48033 |
| 35° | 35603 |
| 40° | 24532 |
| 45° | 15226 |
| 50° | 8256 |
| 55° | 5199 |
| 60° | 4386 |
| 65° | 3995 |
| 70° | 3398 |
| 75° | 2965 |
| 80° | 3031 |
| 85° | 3019 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15226 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 42.9 | 10.5 |
| 10°-20° | 103.8 | 25.3 |
| 20°-30° | 114.8 | 28.0 |
| 30°-40° | 83.4 | 20.3 |
| 40°-50° | 39.1 | 9.5 |
| 50°-60° | 13.1 | 3.2 |
| 60°-70° | 7.6 | 1.9 |
| 70°-80° | 4.0 | 1.0 |
| 80°-90° | 1.3 | 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° | 261.5 | 63.8 |
| 0°-40° | 344.9 | 84.1 |
| 0°-60° | 397.1 | 96.9 |
| 0°-90° | 410.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 410.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 475 | |
| 5° | 462 | 43 |
| 15° | 374 | 104 |
| 25° | 252 | 115 |
| 35° | 133 | 83 |
| 45° | 49 | 39 |
| 55° | 14 | 13 |
| 65° | 8 | 8 |
| 75° | 4 | 4 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 475.3 |
| 2.5° | 472.3 |
| 5° | 461.7 |
| 7.5° | 445.7 |
| 10° | 425.0 |
| 12.5° | 400.8 |
| 15° | 373.6 |
| 17.5° | 344.0 |
| 20° | 313.9 |
| 22.5° | 282.6 |
| 25° | 251.8 |
| 27.5° | 220.5 |
| 30° | 189.7 |
| 32.5° | 160.2 |
| 35° | 133.0 |
| 37.5° | 108.2 |
| 40° | 85.7 |
| 42.5° | 65.6 |
| 45° | 49.1 |
| 47.5° | 35.5 |
| 50° | 24.2 |
| 52.5° | 16.6 |
| 55° | 13.6 |
| 57.5° | 11.8 |
| 60° | 10.0 |
| 62.5° | 8.9 |
| 65° | 7.7 |
| 67.5° | 6.5 |
| 70° | 5.3 |
| 72.5° | 4.7 |
| 75° | 3.5 |
| 77.5° | 3.0 |
| 80° | 2.4 |
| 82.5° | 1.8 |
| 85° | 1.2 |
| 87.5° | 0.6 |
| 90° | 0.0 |

(END OF REPORT)