

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: P1292800

Luminaire Tested: P3AS09R30W2N902765DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292800
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30W2N902765DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

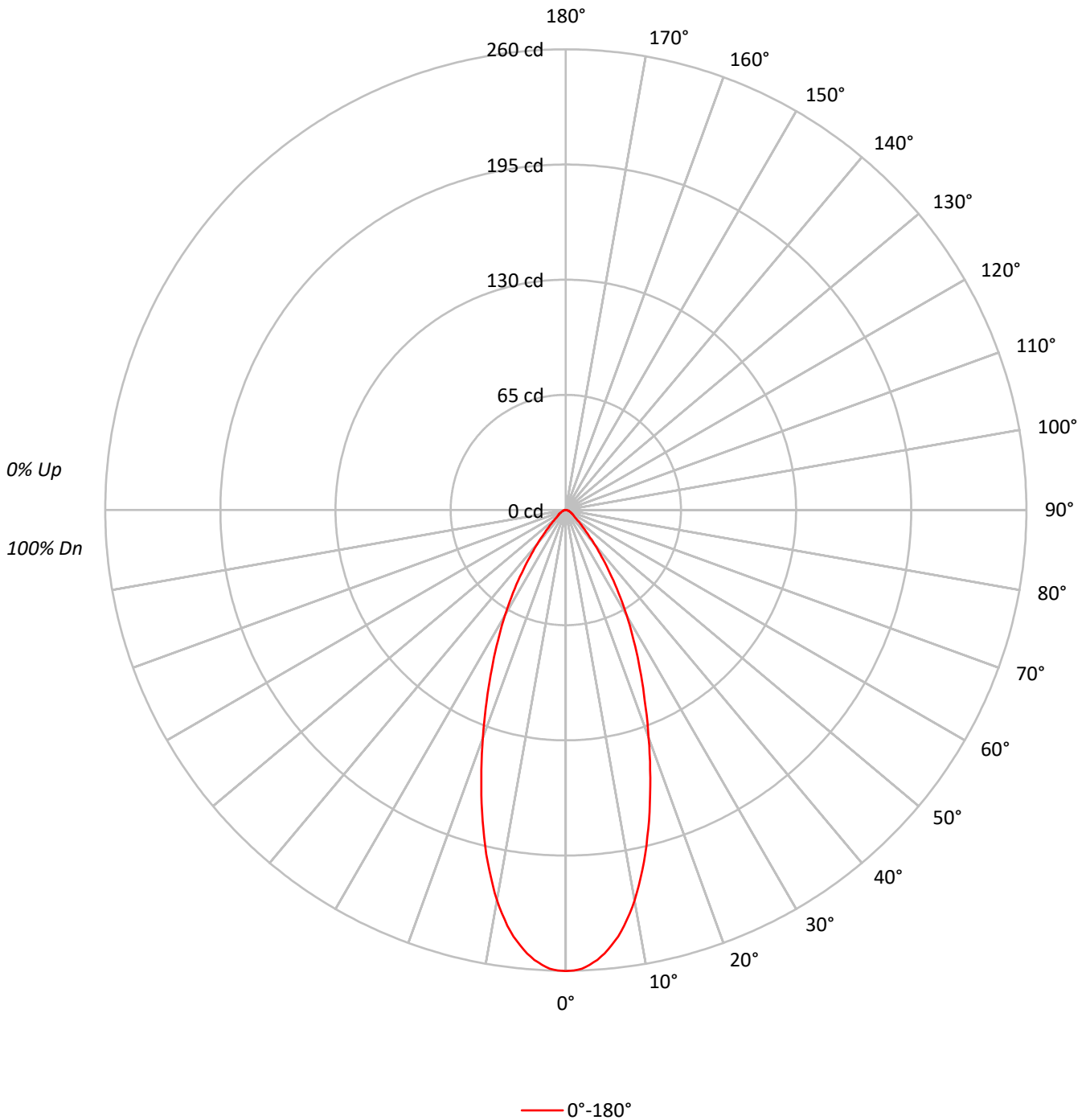
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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 | 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 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 84 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | 74 | 74 | 74 |
| 5 | 92 | 84 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 67 | 63 | 70 | 66 | 63 | 61 | 61 | 61 | 61 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 69 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | 58 | 58 | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 63 | 59 | 56 | 55 | 55 | 55 | 55 |
| 10 | 73 | 63 | 58 | 54 | 72 | 63 | 57 | 54 | 62 | 57 | 53 | 61 | 57 | 53 | 60 | 56 | 53 | 52 | 52 | 52 | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 57057 |
| 5° | 55294 |
| 10° | 49810 |
| 15° | 41203 |
| 20° | 31899 |
| 25° | 23929 |
| 30° | 17370 |
| 35° | 11564 |
| 40° | 7128 |
| 45° | 4186 |
| 50° | 2559 |
| 55° | 2064 |
| 60° | 1798 |
| 65° | 1453 |
| 70° | 1346 |
| 75° | 1356 |
| 80° | 1010 |
| 85° | 1258 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4186 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 23.1 | 13.8 |
| 10°-20° | 50.0 | 29.9 |
| 20°-30° | 45.5 | 27.2 |
| 30°-40° | 27.5 | 16.5 |
| 40°-50° | 11.0 | 6.6 |
| 50°-60° | 4.9 | 2.9 |
| 60°-70° | 2.9 | 1.8 |
| 70°-80° | 1.6 | 1.0 |
| 80°-90° | 0.5 | 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° | 118.6 | 71.0 |
| 0°-40° | 146.1 | 87.5 |
| 0°-60° | 162.0 | 97.0 |
| 0°-90° | 167.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 167.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 260 | |
| 5° | 251 | 23 |
| 15° | 182 | 50 |
| 25° | 99 | 45 |
| 35° | 43 | 27 |
| 45° | 14 | 11 |
| 55° | 5 | 5 |
| 65° | 3 | 3 |
| 75° | 2 | 2 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 260.2 |
| 1° | 260.0 |
| 2° | 259.0 |
| 3° | 257.1 |
| 4° | 254.5 |
| 5° | 251.2 |
| 6° | 247.0 |
| 7° | 242.6 |
| 8° | 236.9 |
| 9° | 230.5 |
| 10° | 223.7 |
| 11° | 216.0 |
| 12° | 207.7 |
| 13° | 199.4 |
| 14° | 190.3 |
| 15° | 181.5 |
| 17.5° | 158.5 |
| 20° | 136.7 |
| 22.5° | 116.5 |
| 25° | 98.9 |
| 27.5° | 82.9 |
| 30° | 68.6 |
| 32.5° | 55.4 |
| 35° | 43.2 |
| 37.5° | 33.1 |
| 40° | 24.9 |
| 42.5° | 18.1 |
| 45° | 13.5 |
| 47.5° | 10.1 |
| 50° | 7.5 |
| 52.5° | 6.0 |
| 55° | 5.4 |
| 57.5° | 4.7 |
| 60° | 4.1 |
| 62.5° | 3.4 |
| 65° | 2.8 |
| 67.5° | 2.6 |
| 70° | 2.1 |
| 72.5° | 1.8 |
| 75° | 1.6 |
| 77.5° | 1.3 |
| 80° | 0.8 |
| 82.5° | 0.5 |
| 85° | 0.5 |
| 87.5° | 0.3 |



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)