

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: P1292094

Luminaire Tested: P3AS09R20W2N902765DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292094
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R20W2N902765DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

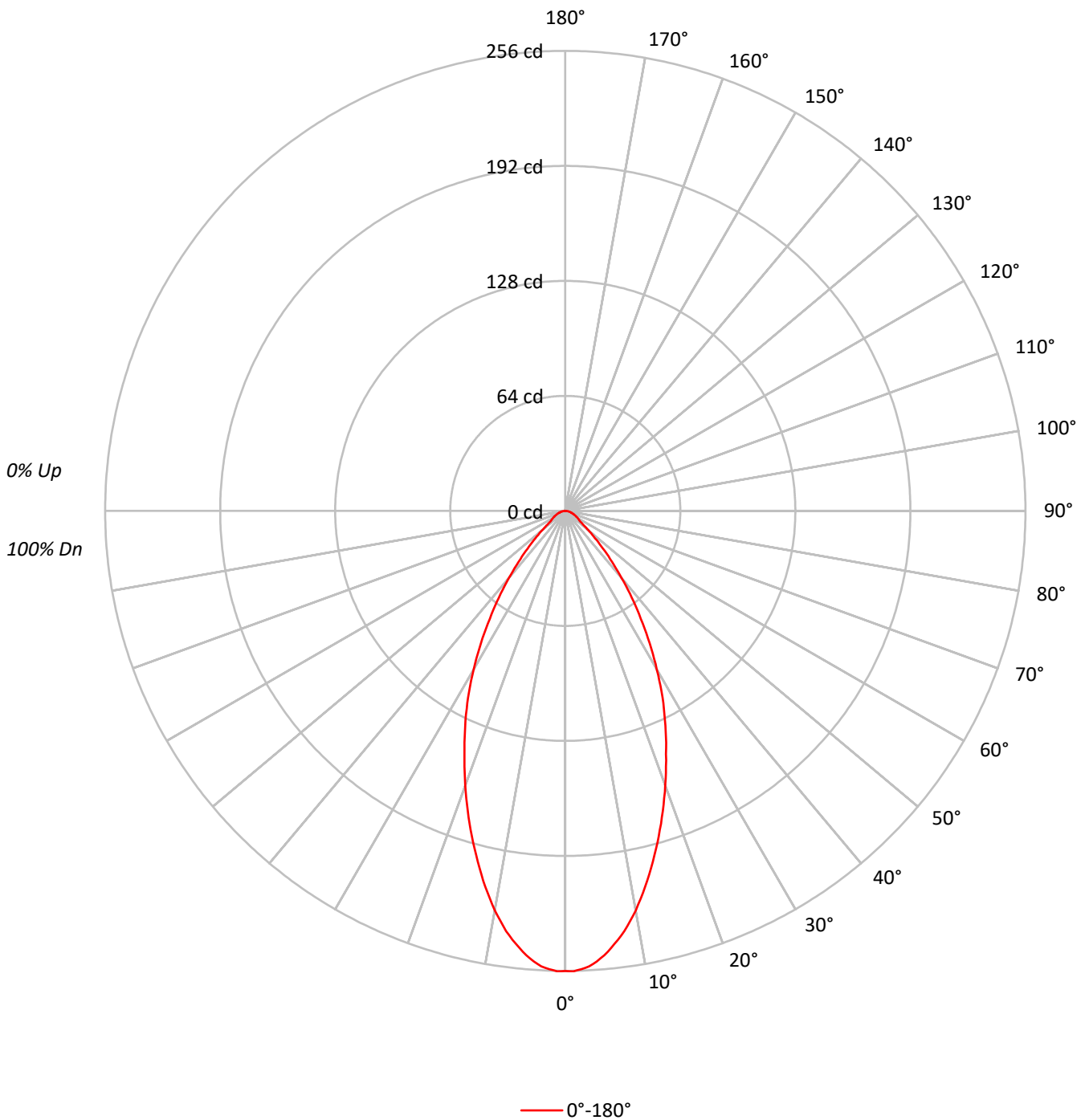
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 227.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 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 | 100 | 100 | 100 |
| 1 | 113 | 109 | 106 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 91 | 91 | 91 | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 90 | 87 | 85 | 83 | 83 | 83 | 83 |
| 3 | 100 | 93 | 87 | 82 | 98 | 91 | 86 | 82 | 88 | 84 | 80 | 86 | 82 | 79 | 84 | 81 | 78 | 76 | 76 | 76 | 76 |
| 4 | 94 | 86 | 79 | 75 | 92 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 76 | 72 | 78 | 75 | 72 | 70 | 70 | 70 | 70 |
| 5 | 89 | 80 | 73 | 68 | 87 | 79 | 73 | 68 | 77 | 71 | 67 | 75 | 70 | 67 | 73 | 69 | 66 | 65 | 65 | 65 | 65 |
| 6 | 84 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | 60 | 60 | 60 |
| 7 | 80 | 69 | 63 | 58 | 78 | 69 | 62 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | 55 | 55 | 55 |
| 8 | 75 | 65 | 59 | 54 | 74 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 53 | 61 | 57 | 53 | 52 | 52 | 52 | 52 |
| 9 | 72 | 61 | 55 | 50 | 70 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 48 | 48 | 48 | 48 |
| 10 | 68 | 58 | 51 | 47 | 67 | 57 | 51 | 47 | 56 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 47 | 45 | 45 | 45 | 45 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 56158 |
| 5° | 54655 |
| 10° | 50277 |
| 15° | 44245 |
| 20° | 37943 |
| 25° | 31889 |
| 30° | 25776 |
| 35° | 19595 |
| 40° | 13940 |
| 45° | 9210 |
| 50° | 5697 |
| 55° | 3747 |
| 60° | 3421 |
| 65° | 3165 |
| 70° | 2949 |
| 75° | 2711 |
| 80° | 2526 |
| 85° | 2264 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9210 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 23.0 | 10.1 |
| 10°-20° | 54.3 | 23.9 |
| 20°-30° | 60.2 | 26.5 |
| 30°-40° | 45.9 | 20.2 |
| 40°-50° | 23.5 | 10.4 |
| 50°-60° | 9.7 | 4.3 |
| 60°-70° | 6.0 | 2.7 |
| 70°-80° | 3.4 | 1.5 |
| 80°-90° | 1.0 | 0.4 |
| 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° | 137.5 | 60.6 |
| 0°-40° | 183.4 | 80.8 |
| 0°-60° | 216.6 | 95.4 |
| 0°-90° | 227.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 227.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 256 | |
| 5° | 248 | 23 |
| 15° | 195 | 54 |
| 25° | 132 | 60 |
| 35° | 73 | 46 |
| 45° | 30 | 24 |
| 55° | 10 | 10 |
| 65° | 6 | 6 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 256.1 |
| 1° | 256.3 |
| 2° | 255.2 |
| 3° | 253.8 |
| 4° | 251.4 |
| 5° | 248.3 |
| 6° | 244.5 |
| 7° | 240.5 |
| 8° | 236.2 |
| 9° | 231.0 |
| 10° | 225.8 |
| 12.5° | 210.8 |
| 15° | 194.9 |
| 17.5° | 178.8 |
| 20° | 162.6 |
| 22.5° | 146.5 |
| 25° | 131.8 |
| 27.5° | 117.1 |
| 30° | 101.8 |
| 32.5° | 87.4 |
| 35° | 73.2 |
| 37.5° | 60.8 |
| 40° | 48.7 |
| 42.5° | 38.4 |
| 45° | 29.7 |
| 47.5° | 22.5 |
| 50° | 16.7 |
| 52.5° | 12.4 |
| 55° | 9.8 |
| 57.5° | 8.9 |
| 60° | 7.8 |
| 62.5° | 6.9 |
| 65° | 6.1 |
| 67.5° | 5.2 |
| 70° | 4.6 |
| 72.5° | 3.7 |
| 75° | 3.2 |
| 77.5° | 2.6 |
| 80° | 2.0 |
| 82.5° | 1.4 |
| 85° | 0.9 |
| 87.5° | 0.3 |
| 90° | 0.0 |

(END OF REPORT)