

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: P1291496

Luminaire Tested: P3AS05R70W2N902765DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291496
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70W2N902765DE010 E3DLP1WMH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3500K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

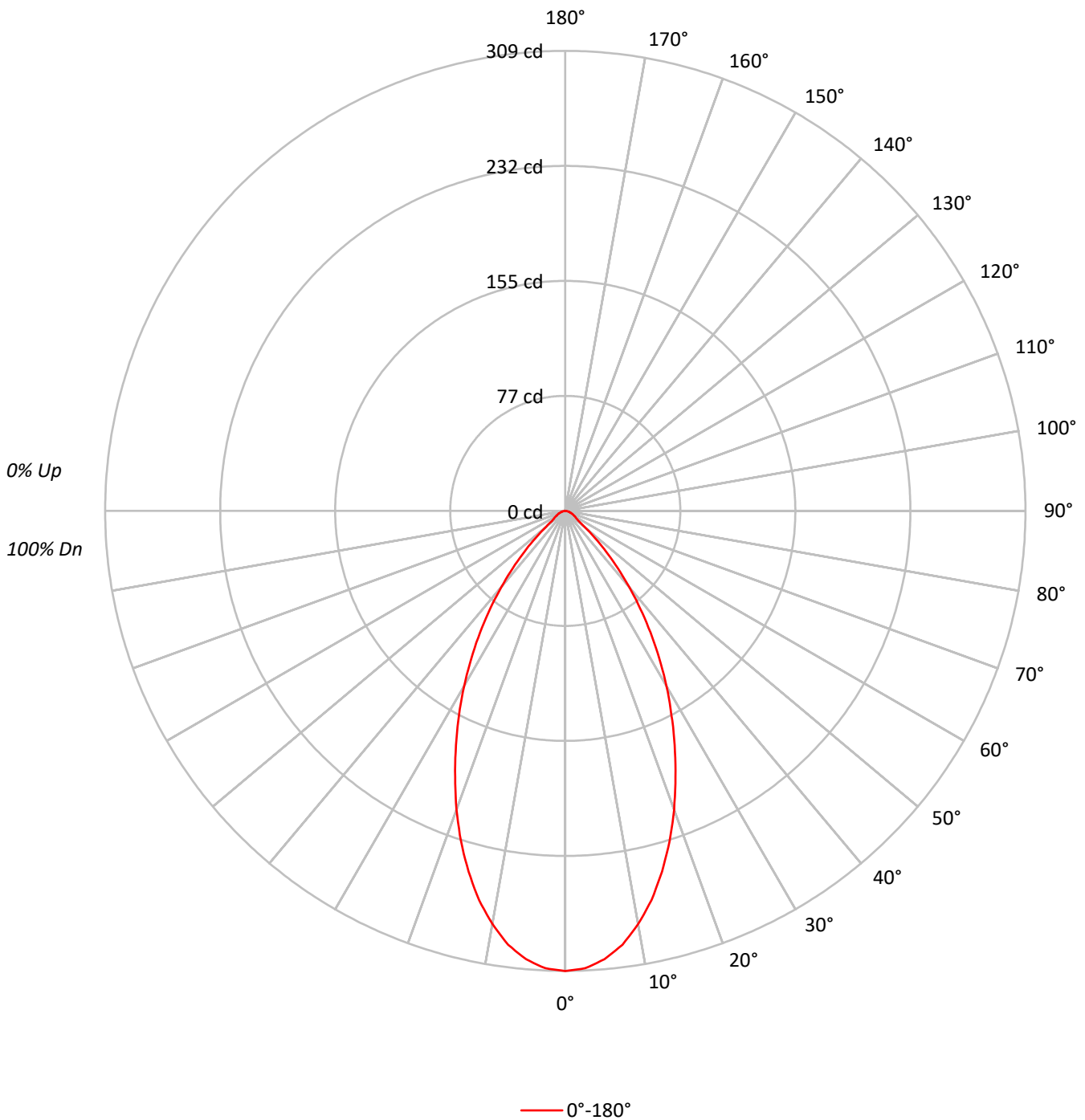
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 289.0 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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





TEST NUMBER: P1291496

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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 | 104 | 110 | 107 | 105 | 103 | 103 | 101 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 | | | |
| 2 | 106 | 101 | 97 | 93 | 104 | 99 | 95 | 92 | 96 | 93 | 90 | 93 | 90 | 88 | 90 | 88 | 86 | 84 | | | |
| 3 | 100 | 93 | 88 | 83 | 98 | 92 | 87 | 83 | 89 | 85 | 81 | 87 | 83 | 80 | 84 | 81 | 79 | 77 | | | |
| 4 | 95 | 86 | 80 | 76 | 93 | 85 | 80 | 75 | 83 | 78 | 74 | 81 | 77 | 73 | 79 | 76 | 73 | 71 | | | |
| 5 | 89 | 80 | 74 | 69 | 88 | 79 | 73 | 69 | 78 | 72 | 68 | 76 | 71 | 68 | 74 | 70 | 67 | 65 | | | |
| 6 | 85 | 75 | 68 | 64 | 83 | 74 | 68 | 64 | 73 | 67 | 63 | 71 | 66 | 63 | 70 | 65 | 62 | 61 | | | |
| 7 | 80 | 70 | 64 | 59 | 79 | 69 | 63 | 59 | 68 | 62 | 58 | 67 | 62 | 58 | 66 | 61 | 58 | 56 | | | |
| 8 | 76 | 66 | 59 | 55 | 75 | 65 | 59 | 55 | 64 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 52 | | | |
| 9 | 72 | 62 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 55 | 51 | 59 | 54 | 51 | 58 | 54 | 50 | 49 | | | |
| 10 | 69 | 58 | 52 | 48 | 67 | 58 | 52 | 48 | 57 | 51 | 48 | 56 | 51 | 48 | 55 | 51 | 47 | 46 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 67780 |
| 5° | 66542 |
| 10° | 62747 |
| 15° | 56936 |
| 20° | 49821 |
| 25° | 42027 |
| 30° | 34410 |
| 35° | 26689 |
| 40° | 19093 |
| 45° | 12094 |
| 50° | 6038 |
| 55° | 3670 |
| 60° | 3158 |
| 65° | 2906 |
| 70° | 2565 |
| 75° | 2372 |
| 80° | 2020 |
| 85° | 2013 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12094 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.2 | 9.8 |
| 10°-20° | 69.8 | 24.2 |
| 20°-30° | 79.5 | 27.5 |
| 30°-40° | 62.2 | 21.5 |
| 40°-50° | 30.5 | 10.6 |
| 50°-60° | 9.4 | 3.2 |
| 60°-70° | 5.5 | 1.9 |
| 70°-80° | 3.0 | 1.0 |
| 80°-90° | 0.9 | 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° | 177.5 | 61.4 |
| 0°-40° | 239.7 | 82.9 |
| 0°-60° | 279.6 | 96.8 |
| 0°-90° | 289.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 289.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 309 | |
| 5° | 302 | 28 |
| 15° | 251 | 70 |
| 25° | 174 | 80 |
| 35° | 100 | 62 |
| 45° | 39 | 31 |
| 55° | 10 | 9 |
| 65° | 6 | 6 |
| 75° | 3 | 3 |
| 85° | 1 | 1 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 309.1 |
| 2.5° | 307.5 |
| 5° | 302.3 |
| 7.5° | 293.9 |
| 10° | 281.8 |
| 12.5° | 267.7 |
| 15° | 250.8 |
| 17.5° | 232.8 |
| 20° | 213.5 |
| 22.5° | 193.4 |
| 25° | 173.7 |
| 27.5° | 154.4 |
| 30° | 135.9 |
| 32.5° | 117.4 |
| 35° | 99.7 |
| 37.5° | 82.8 |
| 40° | 66.7 |
| 42.5° | 51.9 |
| 45° | 39.0 |
| 47.5° | 27.3 |
| 50° | 17.7 |
| 52.5° | 11.7 |
| 55° | 9.6 |
| 57.5° | 8.4 |
| 60° | 7.2 |
| 62.5° | 6.4 |
| 65° | 5.6 |
| 67.5° | 4.8 |
| 70° | 4.0 |
| 72.5° | 3.2 |
| 75° | 2.8 |
| 77.5° | 2.4 |
| 80° | 1.6 |
| 82.5° | 1.2 |
| 85° | 0.8 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)