

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: P1299078

Luminaire Tested: P3A13R70W2N902765DE010 E3DLP1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299078
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R70W2N902765DE010 E3DLP1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,
E3DLP1WH TRIM
Light Source: -
Ballast/Driver: -

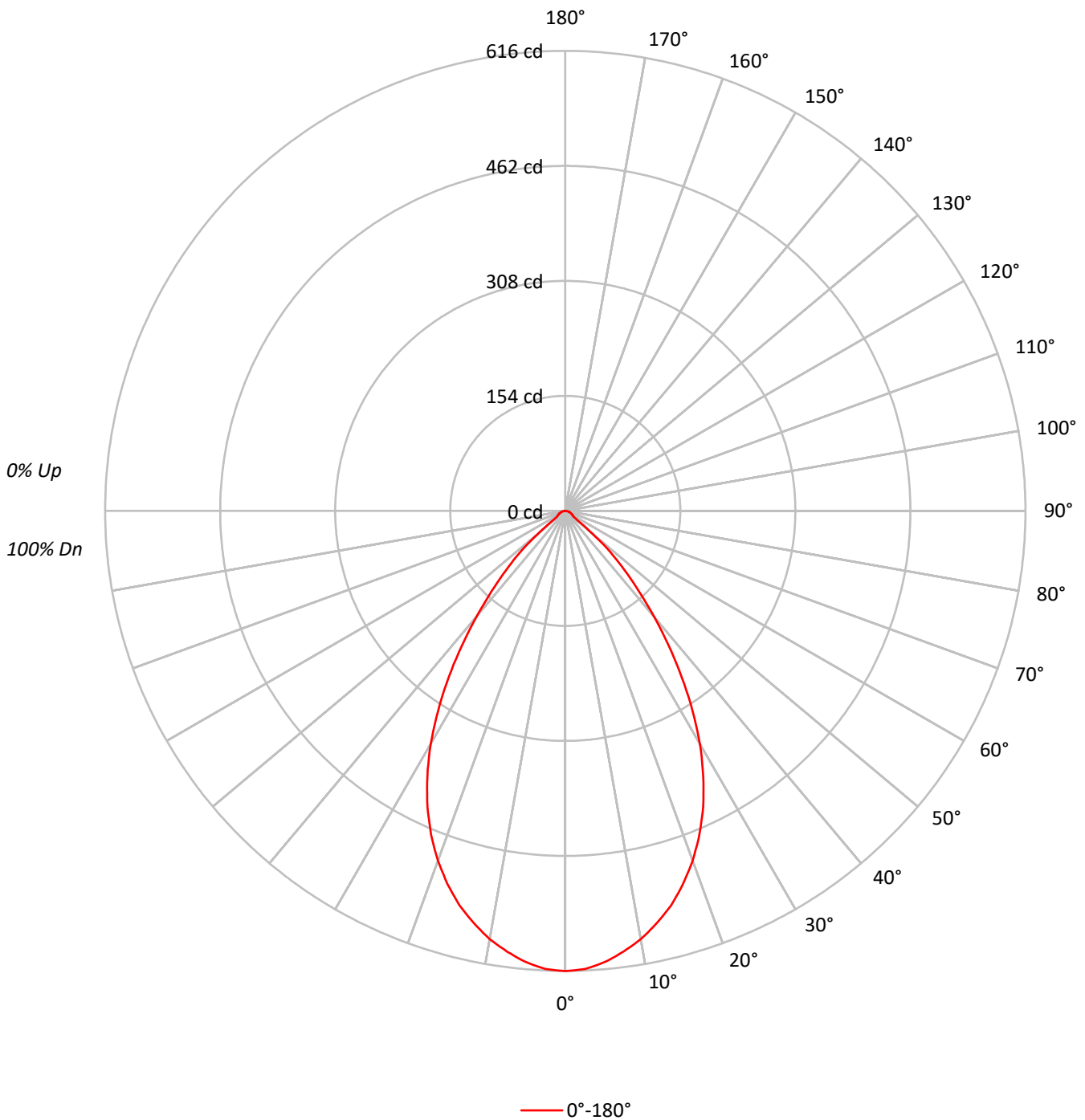
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 698.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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

TEST NUMBER: P1299078
CATALOG NUMBER: P3A13R70W2N902765DE010 E3DLP1WH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1299078
 CATALOG NUMBER: P3A13R70W2N902765DE010 E3DLP1WH_2700K

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 |
| 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 | 96 | 93 | 104 | 99 | 95 | 92 | 96 | 92 | 90 | 93 | 90 | 88 | 90 | 88 | 86 | 84 | | |
| 3 | 100 | 93 | 88 | 83 | 98 | 92 | 87 | 82 | 89 | 85 | 81 | 86 | 83 | 80 | 84 | 81 | 79 | 77 | | |
| 4 | 94 | 86 | 80 | 75 | 93 | 85 | 79 | 75 | 83 | 78 | 74 | 81 | 76 | 73 | 79 | 75 | 72 | 70 | | |
| 5 | 89 | 80 | 73 | 69 | 87 | 79 | 73 | 68 | 77 | 72 | 68 | 75 | 71 | 67 | 74 | 70 | 66 | 65 | | |
| 6 | 84 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | | |
| 7 | 79 | 69 | 62 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 | | |
| 8 | 75 | 65 | 58 | 53 | 74 | 64 | 58 | 53 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 51 | | |
| 9 | 71 | 60 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 48 | | |
| 10 | 67 | 57 | 50 | 46 | 66 | 56 | 50 | 46 | 55 | 50 | 46 | 55 | 49 | 46 | 54 | 49 | 46 | 44 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 135121 |
| 5° | 133502 |
| 10° | 129657 |
| 15° | 124155 |
| 20° | 116303 |
| 25° | 105659 |
| 30° | 91255 |
| 35° | 72732 |
| 40° | 52985 |
| 45° | 34825 |
| 50° | 16307 |
| 55° | 5046 |
| 60° | 4868 |
| 65° | 4670 |
| 70° | 4424 |
| 75° | 4660 |
| 80° | 4420 |
| 85° | 3522 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34825 cd/sqm



TEST NUMBER: P1299078

CATALOG NUMBER: P3A13R70W2N902765DE010 E3DLP1WH_2700K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 57.1 | 8.2 |
| 10°-20° | 153.1 | 21.9 |
| 20°-30° | 198.9 | 28.5 |
| 30°-40° | 168.8 | 24.2 |
| 40°-50° | 87.0 | 12.5 |
| 50°-60° | 16.8 | 2.4 |
| 60°-70° | 9.1 | 1.3 |
| 70°-80° | 5.6 | 0.8 |
| 80°-90° | 1.6 | 0.2 |
| 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° | 409.1 | 58.6 |
| 0°-40° | 577.9 | 82.8 |
| 0°-60° | 681.8 | 97.7 |
| 0°-90° | 698.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 698.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 616 | |
| 5° | 606 | 57 |
| 15° | 547 | 153 |
| 25° | 437 | 199 |
| 35° | 272 | 169 |
| 45° | 112 | 87 |
| 55° | 13 | 17 |
| 65° | 9 | 9 |
| 75° | 6 | 6 |
| 85° | 1 | 2 |
| 90° | 0 | |



TEST NUMBER: P1299078
CATALOG NUMBER: P3A13R70W2N902765DE010 E3DLP1WH_2700K

CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 616.2 |
| 2.5° | 614.1 |
| 5° | 606.5 |
| 7.5° | 595.4 |
| 10° | 582.3 |
| 12.5° | 565.6 |
| 15° | 546.9 |
| 17.5° | 524.0 |
| 20° | 498.4 |
| 22.5° | 469.3 |
| 25° | 436.7 |
| 27.5° | 400.0 |
| 30° | 360.4 |
| 32.5° | 316.8 |
| 35° | 271.7 |
| 37.5° | 227.4 |
| 40° | 185.1 |
| 42.5° | 145.6 |
| 45° | 112.3 |
| 47.5° | 82.5 |
| 50° | 47.8 |
| 52.5° | 20.8 |
| 55° | 13.2 |
| 57.5° | 12.5 |
| 60° | 11.1 |
| 62.5° | 10.4 |
| 65° | 9.0 |
| 67.5° | 8.3 |
| 70° | 6.9 |
| 72.5° | 6.2 |
| 75° | 5.5 |
| 77.5° | 4.2 |
| 80° | 3.5 |
| 82.5° | 2.1 |
| 85° | 1.4 |
| 87.5° | 0.7 |
| 90° | 0.0 |

(END OF REPORT)