

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: P1302217

Luminaire Tested: P3AS17R60W2N902765DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R60W2N902765DE010 E3DL1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

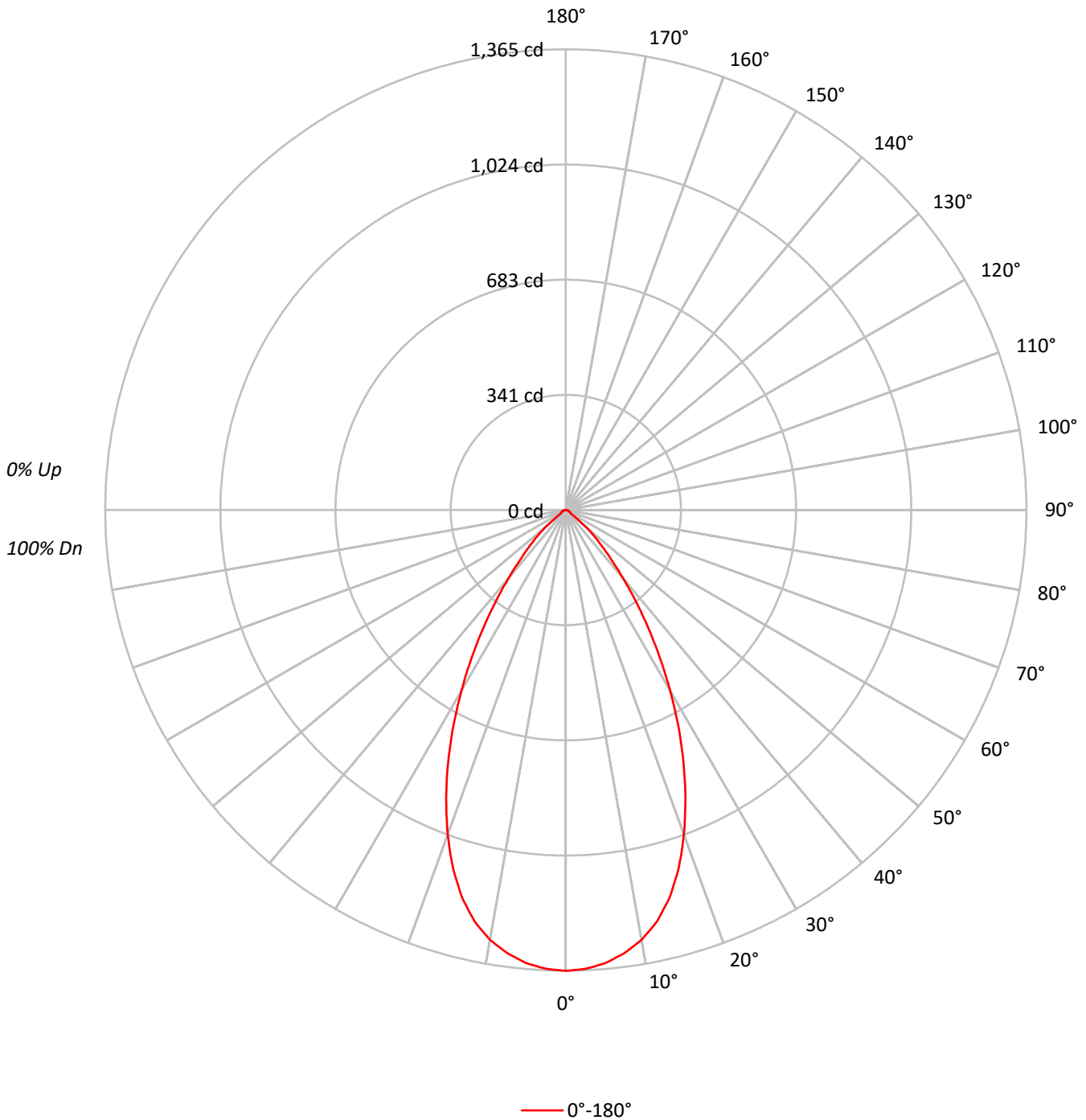
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1268.0 lumens
Efficiency: N/A
Efficacy: 65.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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: P1302217
CATALOG NUMBER: P3AS17R60W2N902765DE010 E3DL1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1302217

CATALOG NUMBER: P3AS17R60W2N902765DE010 E3DL1MW_5000K

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 | 108 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | | |
| 3 | 101 | 95 | 89 | 85 | 99 | 93 | 88 | 84 | 91 | 86 | 83 | 88 | 85 | 82 | 86 | 83 | 80 | 79 | | | |
| 4 | 96 | 88 | 82 | 78 | 94 | 87 | 81 | 77 | 85 | 80 | 76 | 83 | 79 | 75 | 81 | 77 | 75 | 73 | | | |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 68 | | | |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | | |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | | |
| 8 | 77 | 68 | 61 | 57 | 76 | 67 | 61 | 57 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 55 | | | |
| 9 | 74 | 64 | 57 | 53 | 72 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | | |
| 10 | 70 | 60 | 54 | 50 | 69 | 60 | 54 | 50 | 59 | 53 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 299406 |
| 5° | 296587 |
| 10° | 287926 |
| 15° | 269763 |
| 20° | 238767 |
| 25° | 199729 |
| 30° | 156530 |
| 35° | 113555 |
| 40° | 75542 |
| 45° | 47106 |
| 50° | 25483 |
| 55° | 7378 |
| 60° | 6885 |
| 65° | 6278 |
| 70° | 6155 |
| 75° | 6100 |
| 80° | 6061 |
| 85° | 6038 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 47106 cd/sqm



TEST NUMBER: P1302217

CATALOG NUMBER: P3AS17R60W2N902765DE010 E3DL1MW_5000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 126.9 | 10.0 |
| 10°-20° | 329.7 | 26.0 |
| 20°-30° | 375.8 | 29.6 |
| 30°-40° | 266.5 | 21.0 |
| 40°-50° | 120.9 | 9.5 |
| 50°-60° | 25.7 | 2.0 |
| 60°-70° | 12.4 | 1.0 |
| 70°-80° | 7.6 | 0.6 |
| 80°-90° | 2.6 | 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° | 832.3 | 65.6 |
| 0°-40° | 1098.8 | 86.7 |
| 0°-60° | 1245.4 | 98.2 |
| 0°-90° | 1268.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 1268.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1365 | |
| 5° | 1347 | 127 |
| 15° | 1188 | 330 |
| 25° | 826 | 376 |
| 35° | 424 | 266 |
| 45° | 152 | 121 |
| 55° | 19 | 26 |
| 65° | 12 | 12 |
| 75° | 7 | 8 |
| 85° | 2 | 3 |
| 90° | 0 | |



TEST NUMBER: P1302217
CATALOG NUMBER: P3AS17R60W2N902765DE010 E3DL1MW_5000K

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1365.4 |
| 2.5° | 1360.6 |
| 5° | 1347.4 |
| 7.5° | 1324.5 |
| 10° | 1293.1 |
| 12.5° | 1248.5 |
| 15° | 1188.3 |
| 17.5° | 1112.4 |
| 20° | 1023.2 |
| 22.5° | 926.8 |
| 25° | 825.5 |
| 27.5° | 721.9 |
| 30° | 618.2 |
| 32.5° | 519.4 |
| 35° | 424.2 |
| 37.5° | 339.9 |
| 40° | 263.9 |
| 42.5° | 200.1 |
| 45° | 151.9 |
| 47.5° | 113.3 |
| 50° | 74.7 |
| 52.5° | 34.9 |
| 55° | 19.3 |
| 57.5° | 16.9 |
| 60° | 15.7 |
| 62.5° | 14.5 |
| 65° | 12.1 |
| 67.5° | 10.8 |
| 70° | 9.6 |
| 72.5° | 8.4 |
| 75° | 7.2 |
| 77.5° | 6.0 |
| 80° | 4.8 |
| 82.5° | 3.6 |
| 85° | 2.4 |
| 87.5° | 1.2 |
| 90° | 0.0 |

(END OF REPORT)