

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: P1292988

Luminaire Tested: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292988
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

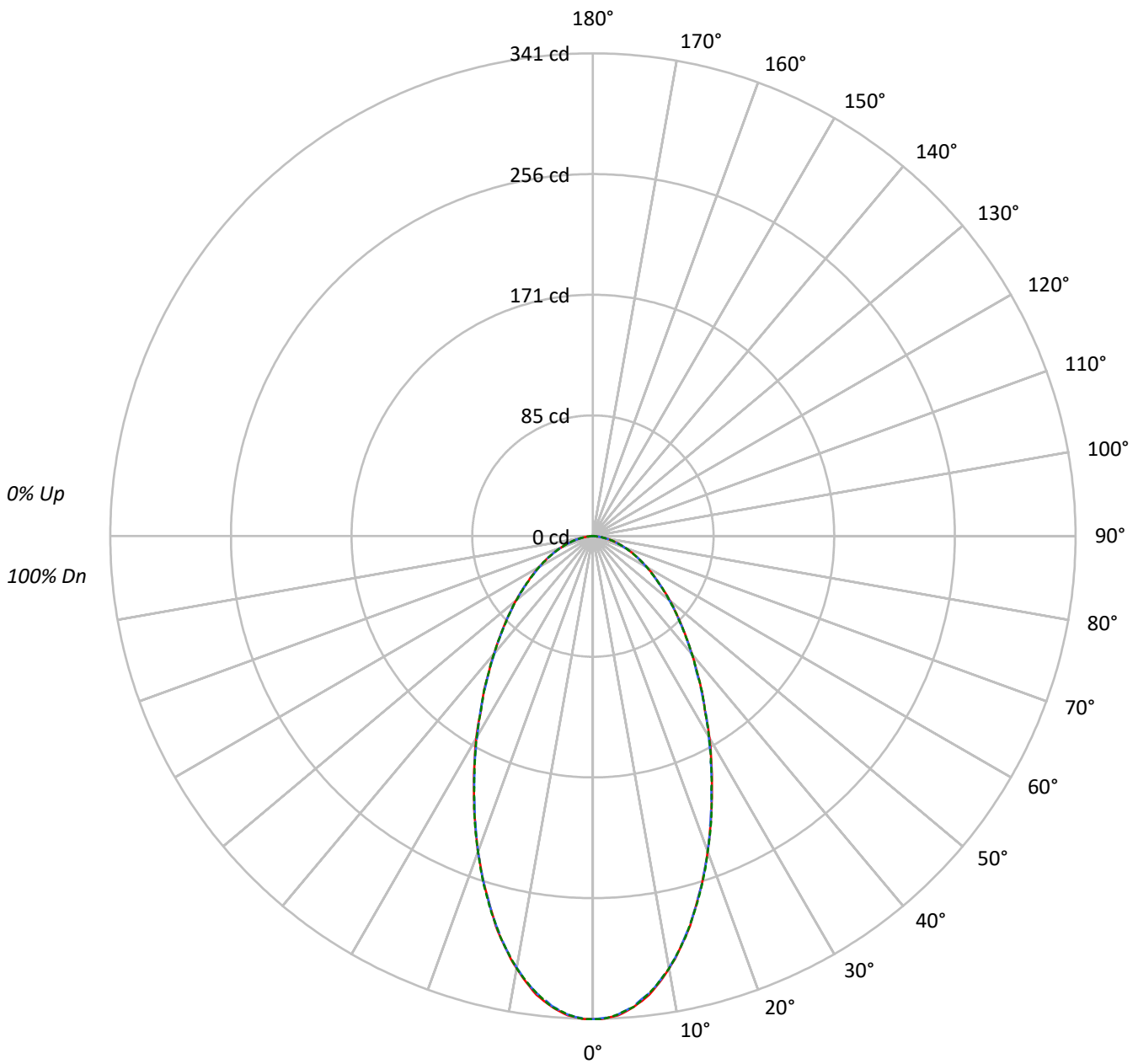
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 456.0 lumens
Efficiency: N/A
Efficacy: 50.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
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

TEST NUMBER: P1292988
CATALOG NUMBER: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1292988

CATALOG NUMBER: P3AS09R35W2N902750DE010 E3PHLD1MW_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 |
| RCR | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 100 | |
| 1 | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99 | 100 | 98 | 95 | 97 | 95 | 93 | 93 | 91 | 90 | 90 | 88 | |
| 2 | 103 | 96 | 90 | 85 | 100 | 94 | 89 | 84 | 90 | 86 | 82 | 87 | 84 | 81 | 84 | 81 | 79 | 79 | 77 | |
| 3 | 95 | 86 | 79 | 74 | 93 | 85 | 78 | 73 | 82 | 76 | 72 | 79 | 75 | 71 | 77 | 73 | 70 | 70 | 68 | |
| 4 | 88 | 78 | 71 | 65 | 86 | 77 | 70 | 65 | 75 | 68 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 62 | 60 | |
| 5 | 82 | 71 | 64 | 58 | 80 | 70 | 63 | 58 | 68 | 62 | 57 | 66 | 61 | 56 | 65 | 60 | 56 | 56 | 54 | |
| 6 | 77 | 65 | 58 | 52 | 75 | 65 | 57 | 52 | 63 | 56 | 51 | 61 | 55 | 51 | 60 | 55 | 51 | 51 | 49 | |
| 7 | 72 | 60 | 53 | 47 | 71 | 60 | 52 | 47 | 58 | 52 | 47 | 57 | 51 | 46 | 55 | 50 | 46 | 46 | 44 | |
| 8 | 68 | 56 | 48 | 43 | 66 | 55 | 48 | 43 | 54 | 47 | 43 | 53 | 47 | 43 | 52 | 46 | 42 | 42 | 41 | |
| 9 | 64 | 52 | 45 | 40 | 63 | 51 | 44 | 40 | 50 | 44 | 39 | 49 | 44 | 39 | 48 | 43 | 39 | 39 | 38 | |
| 10 | 60 | 49 | 42 | 37 | 59 | 48 | 41 | 37 | 47 | 41 | 37 | 46 | 41 | 36 | 45 | 40 | 36 | 36 | 35 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|-------|-------|-------|
| 0° | 74840 | 74840 | 74840 |
| 5° | 73453 | 73321 | 73453 |
| 10° | 69048 | 68937 | 69048 |
| 15° | 62520 | 62520 | 62656 |
| 20° | 55351 | 55351 | 55351 |
| 25° | 48124 | 47979 | 47979 |
| 30° | 41728 | 41424 | 41576 |
| 35° | 35924 | 35764 | 35924 |
| 40° | 31173 | 31001 | 31173 |
| 45° | 27383 | 27197 | 27197 |
| 50° | 24289 | 24084 | 24084 |
| 55° | 21371 | 21371 | 21371 |
| 60° | 19341 | 19077 | 19341 |
| 65° | 17382 | 17382 | 17382 |
| 70° | 15451 | 15451 | 15451 |
| 75° | 13979 | 13471 | 13979 |
| 80° | 11870 | 11870 | 11870 |
| 85° | 7296 | 7296 | 7296 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27383 cd/sqm



TEST NUMBER: P1292988

CATALOG NUMBER: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 31.0 | 6.8 |
| 10°-20° | 76.8 | 16.8 |
| 20°-30° | 91.3 | 20.0 |
| 30°-40° | 83.9 | 18.4 |
| 40°-50° | 68.1 | 14.9 |
| 50°-60° | 50.4 | 11.1 |
| 60°-70° | 33.3 | 7.3 |
| 70°-80° | 17.3 | 3.8 |
| 80°-90° | 3.9 | 0.8 |
| 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° | 199.2 | 43.7 |
| 0°-40° | 283.1 | 62.1 |
| 0°-60° | 401.6 | 88.1 |
| 0°-90° | 456.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 456.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|-----|-----|-------|-----|-------|-----|------|
| 0° | 341 | 341 | 341 | 341 | 341 | |
| 5° | 334 | 333 | 333 | 333 | 334 | 31 |
| 15° | 275 | 275 | 275 | 275 | 276 | 77 |
| 25° | 199 | 198 | 198 | 199 | 198 | 91 |
| 35° | 134 | 134 | 134 | 134 | 134 | 84 |
| 45° | 88 | 88 | 88 | 88 | 88 | 68 |
| 55° | 56 | 56 | 56 | 56 | 56 | 51 |
| 65° | 34 | 34 | 34 | 34 | 34 | 33 |
| 75° | 16 | 16 | 16 | 16 | 16 | 17 |
| 85° | 3 | 3 | 3 | 3 | 3 | 4 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P1292988

CATALOG NUMBER: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-------|-------|-------|-------|-------|-------|
| 0° | 341.3 | 341.3 | 341.3 | 341.3 | 341.3 |
| 1° | 341.3 | 340.7 | 340.7 | 340.7 | 341.3 |
| 2° | 340.2 | 340.2 | 340.2 | 340.2 | 340.2 |
| 3° | 339.0 | 338.4 | 338.4 | 338.4 | 338.4 |
| 4° | 336.6 | 336.0 | 336.0 | 336.0 | 336.0 |
| 5° | 333.7 | 333.1 | 333.1 | 333.1 | 333.7 |
| 6° | 330.2 | 329.6 | 329.0 | 329.0 | 329.6 |
| 7° | 326.6 | 325.4 | 325.4 | 325.4 | 325.4 |
| 8° | 321.3 | 320.7 | 320.7 | 320.7 | 320.7 |
| 9° | 316.0 | 314.9 | 315.4 | 315.4 | 315.4 |
| 10° | 310.1 | 309.6 | 309.6 | 309.6 | 310.1 |
| 11° | 304.3 | 303.7 | 303.7 | 303.1 | 303.7 |
| 12° | 297.2 | 297.2 | 297.2 | 297.2 | 297.2 |
| 13° | 290.7 | 290.1 | 290.1 | 290.1 | 290.7 |
| 14° | 283.7 | 283.1 | 283.1 | 283.1 | 283.1 |
| 15° | 275.4 | 275.4 | 275.4 | 275.4 | 276.0 |
| 17.5° | 256.6 | 256.0 | 256.6 | 256.6 | 257.2 |
| 20° | 237.2 | 236.6 | 237.2 | 237.2 | 237.2 |
| 22.5° | 217.7 | 217.7 | 217.2 | 217.7 | 218.3 |
| 25° | 198.9 | 198.3 | 198.3 | 198.9 | 198.3 |
| 27.5° | 181.3 | 180.7 | 180.7 | 180.7 | 180.7 |
| 30° | 164.8 | 163.6 | 163.6 | 164.2 | 164.2 |
| 32.5° | 147.7 | 147.7 | 148.3 | 147.7 | 147.7 |
| 35° | 134.2 | 133.6 | 133.6 | 134.2 | 134.2 |
| 37.5° | 120.6 | 120.1 | 120.1 | 120.6 | 120.6 |
| 40° | 108.9 | 108.9 | 108.3 | 108.9 | 108.9 |
| 42.5° | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 45° | 88.3 | 87.7 | 87.7 | 87.7 | 87.7 |
| 47.5° | 78.9 | 78.9 | 78.9 | 78.3 | 78.9 |
| 50° | 71.2 | 70.6 | 70.6 | 70.6 | 70.6 |
| 52.5° | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| 55° | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| 57.5° | 50.0 | 49.4 | 49.4 | 49.4 | 49.4 |
| 60° | 44.1 | 44.1 | 43.5 | 44.1 | 44.1 |
| 62.5° | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 |
| 65° | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 |
| 67.5° | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |
| 70° | 24.1 | 24.1 | 24.1 | 24.1 | 24.1 |
| 72.5° | 20.6 | 20.0 | 20.0 | 20.0 | 20.0 |
| 75° | 16.5 | 16.5 | 15.9 | 16.5 | 16.5 |
| 77.5° | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 |
| 80° | 9.4 | 9.4 | 9.4 | 8.8 | 9.4 |
| 82.5° | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 85° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 87.5° | 0.6 | 0.6 | 0.6 | 1.2 | 1.2 |



TEST NUMBER: P1292988

CATALOG NUMBER: P3AS09R35W2N902750DE010 E3PHLD1MW_5000K

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° |
|-----|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)