

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: P1292924

Luminaire Tested: P3AS09R35W2N902750DE010 E3DLD1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292924
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35W2N902750DE010 E3DLD1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

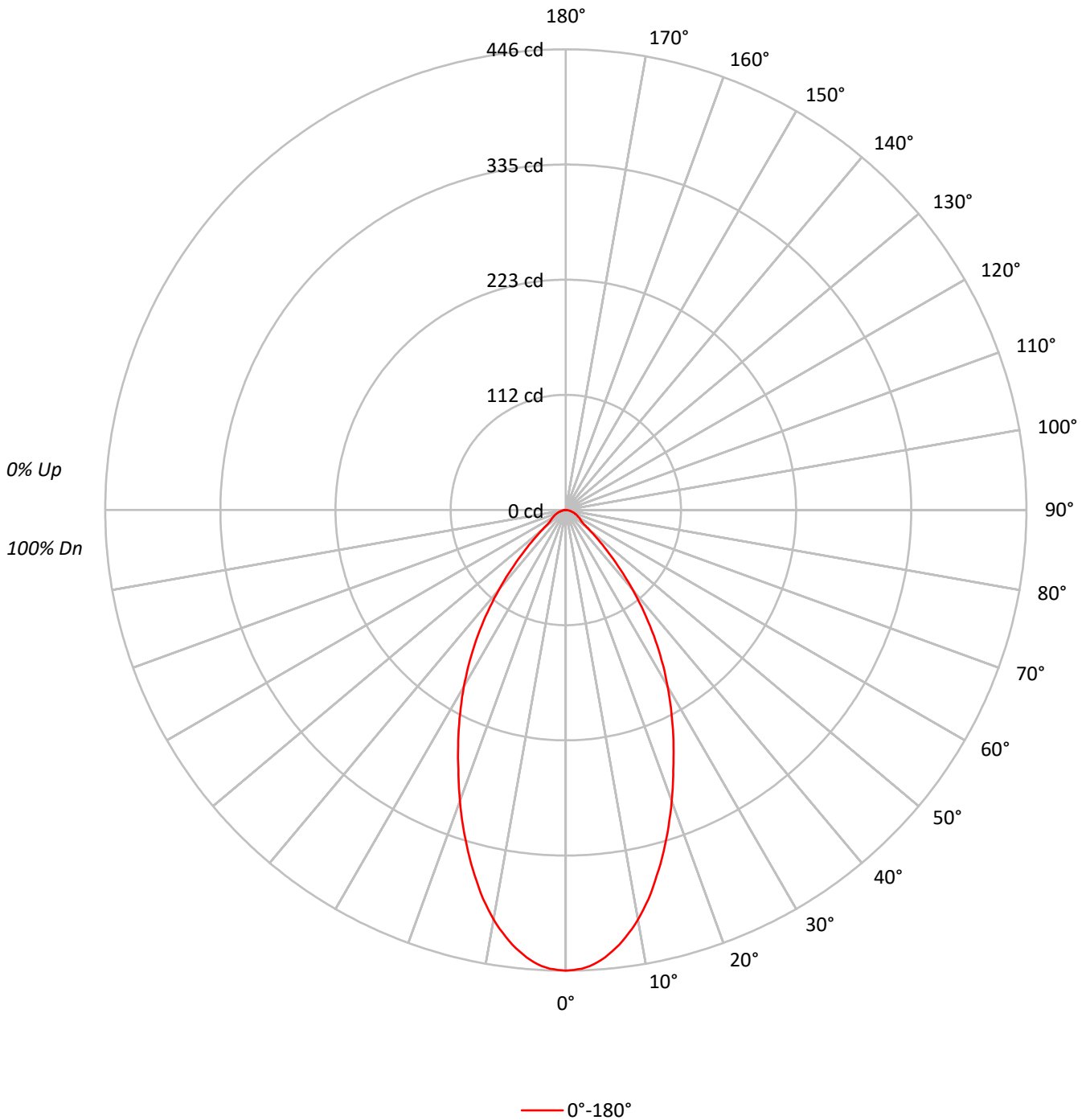
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 428.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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: P1292924
CATALOG NUMBER: P3AS09R35W2N902750DE010 E3DLD1H_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1292924
 CATALOG NUMBER: P3AS09R35W2N902750DE010 E3DLD1H_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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | |
| 1 | 112 | 109 | 106 | 104 | 110 | 107 | 104 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 94 | 93 | 91 | | | |
| 2 | 106 | 100 | 96 | 92 | 104 | 98 | 94 | 91 | 95 | 92 | 89 | 92 | 89 | 87 | 89 | 87 | 85 | 83 | | | |
| 3 | 100 | 92 | 87 | 82 | 98 | 91 | 86 | 81 | 88 | 84 | 80 | 86 | 82 | 79 | 83 | 80 | 78 | 76 | | | |
| 4 | 94 | 85 | 79 | 74 | 92 | 84 | 78 | 74 | 82 | 77 | 73 | 80 | 75 | 72 | 78 | 74 | 71 | 69 | | | |
| 5 | 89 | 79 | 73 | 68 | 87 | 78 | 72 | 67 | 76 | 71 | 67 | 75 | 70 | 66 | 73 | 69 | 66 | 64 | | | |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 67 | 62 | 71 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 61 | 59 | | | |
| 7 | 79 | 69 | 62 | 57 | 78 | 68 | 62 | 57 | 67 | 61 | 57 | 65 | 60 | 57 | 64 | 60 | 56 | 55 | | | |
| 8 | 75 | 64 | 58 | 53 | 74 | 64 | 57 | 53 | 63 | 57 | 53 | 62 | 56 | 53 | 61 | 56 | 52 | 51 | | | |
| 9 | 71 | 60 | 54 | 50 | 70 | 60 | 54 | 50 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 48 | | | |
| 10 | 67 | 57 | 51 | 46 | 66 | 56 | 50 | 46 | 56 | 50 | 46 | 55 | 50 | 46 | 54 | 49 | 46 | 45 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 97777 |
| 5° | 95707 |
| 10° | 89622 |
| 15° | 80454 |
| 20° | 69983 |
| 25° | 59641 |
| 30° | 49957 |
| 35° | 39779 |
| 40° | 28768 |
| 45° | 18203 |
| 50° | 9927 |
| 55° | 6881 |
| 60° | 6491 |
| 65° | 6019 |
| 70° | 5770 |
| 75° | 4914 |
| 80° | 4672 |
| 85° | 4026 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18203 cd/sqm



TEST NUMBER: P1292924

CATALOG NUMBER: P3AS09R35W2N902750DE010 E3DLD1H_2700K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.5 | 9.5 |
| 10°-20° | 98.6 | 23.0 |
| 20°-30° | 113.0 | 26.4 |
| 30°-40° | 92.2 | 21.5 |
| 40°-50° | 46.5 | 10.9 |
| 50°-60° | 17.3 | 4.0 |
| 60°-70° | 11.6 | 2.7 |
| 70°-80° | 6.4 | 1.5 |
| 80°-90° | 1.9 | 0.5 |
| 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° | 252.1 | 58.9 |
| 0°-40° | 344.3 | 80.4 |
| 0°-60° | 408.1 | 95.3 |
| 0°-90° | 428.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 428.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 446 | |
| 5° | 435 | 40 |
| 15° | 354 | 99 |
| 25° | 246 | 113 |
| 35° | 149 | 92 |
| 45° | 59 | 47 |
| 55° | 18 | 17 |
| 65° | 12 | 12 |
| 75° | 6 | 6 |
| 85° | 2 | 2 |
| 90° | 0 | |



TEST NUMBER: P1292924
CATALOG NUMBER: P3AS09R35W2N902750DE010 E3DLD1H_2700K

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 445.9 |
| 1° | 445.3 |
| 2° | 444.3 |
| 3° | 442.2 |
| 4° | 439.0 |
| 5° | 434.8 |
| 6° | 429.5 |
| 7° | 424.2 |
| 8° | 417.3 |
| 9° | 410.4 |
| 10° | 402.5 |
| 11° | 394.0 |
| 12° | 385.0 |
| 13° | 375.0 |
| 14° | 364.4 |
| 15° | 354.4 |
| 17.5° | 327.4 |
| 20° | 299.9 |
| 22.5° | 271.9 |
| 25° | 246.5 |
| 27.5° | 221.6 |
| 30° | 197.3 |
| 32.5° | 172.9 |
| 35° | 148.6 |
| 37.5° | 124.3 |
| 40° | 100.5 |
| 42.5° | 78.3 |
| 45° | 58.7 |
| 47.5° | 42.3 |
| 50° | 29.1 |
| 52.5° | 21.2 |
| 55° | 18.0 |
| 57.5° | 16.4 |
| 60° | 14.8 |
| 62.5° | 13.2 |
| 65° | 11.6 |
| 67.5° | 10.0 |
| 70° | 9.0 |
| 72.5° | 7.4 |
| 75° | 5.8 |
| 77.5° | 4.8 |
| 80° | 3.7 |
| 82.5° | 2.6 |
| 85° | 1.6 |
| 87.5° | 1.1 |



TEST NUMBER: P1292924
CATALOG NUMBER: P3AS09R35W2N902750DE010 E3DLD1H_2700K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)