

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: P1293536

Luminaire Tested: P3AS09R45W2N902750DE010 E3DL1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293536
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R45W2N902750DE010 E3DL1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

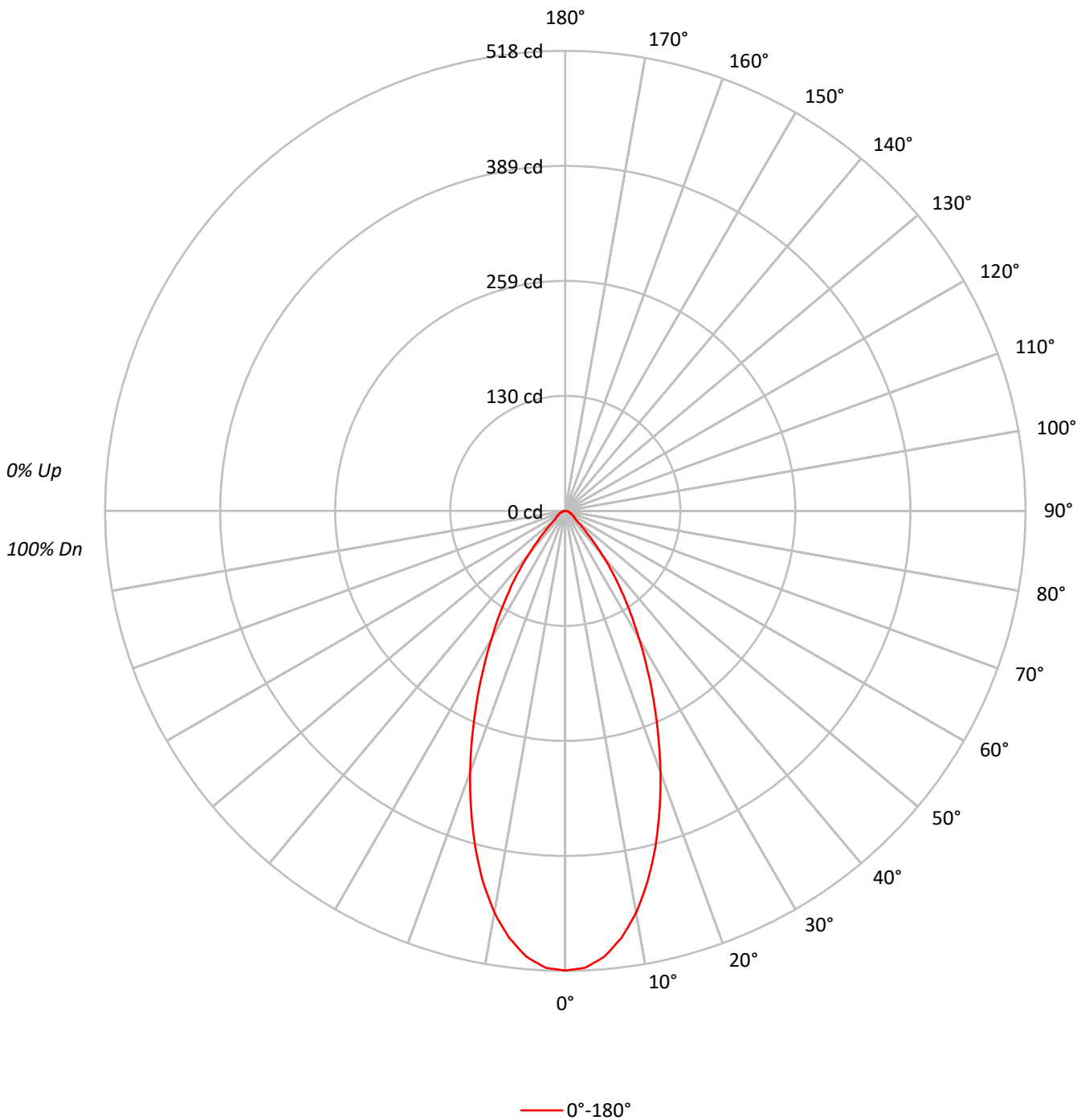
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 381.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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: P1293536
CATALOG NUMBER: P3AS09R45W2N902750DE010 E3DL1WH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1293536

CATALOG NUMBER: P3AS09R45W2N902750DE010 E3DL1WH_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | 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 | | | | 100 |
| 1 | 113 | 110 | 107 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | | | 93 |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 86 | | | | 86 |
| 3 | 102 | 95 | 90 | 85 | 100 | 93 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 82 | 86 | 83 | 81 | 79 | | | | 79 |
| 4 | 96 | 88 | 83 | 78 | 94 | 87 | 82 | 78 | 85 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 74 | | | | 74 |
| 5 | 91 | 83 | 77 | 72 | 90 | 82 | 76 | 72 | 80 | 75 | 71 | 78 | 74 | 71 | 77 | 73 | 70 | 69 | | | | 69 |
| 6 | 87 | 78 | 72 | 67 | 85 | 77 | 71 | 67 | 75 | 70 | 66 | 74 | 69 | 66 | 73 | 69 | 66 | 64 | | | | 64 |
| 7 | 83 | 73 | 67 | 63 | 81 | 72 | 67 | 63 | 71 | 66 | 62 | 70 | 65 | 62 | 69 | 65 | 61 | 60 | | | | 60 |
| 8 | 79 | 69 | 63 | 59 | 77 | 68 | 63 | 59 | 67 | 62 | 58 | 66 | 62 | 58 | 65 | 61 | 58 | 56 | | | | 56 |
| 9 | 75 | 65 | 59 | 55 | 74 | 65 | 59 | 55 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 53 | | | | 53 |
| 10 | 72 | 62 | 56 | 52 | 71 | 61 | 56 | 52 | 61 | 55 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 | | | | 50 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 113478 |
| 5° | 110896 |
| 10° | 102292 |
| 15° | 88945 |
| 20° | 73086 |
| 25° | 56858 |
| 30° | 41981 |
| 35° | 29553 |
| 40° | 18435 |
| 45° | 9986 |
| 50° | 5390 |
| 55° | 4626 |
| 60° | 4166 |
| 65° | 3580 |
| 70° | 3077 |
| 75° | 3135 |
| 80° | 2652 |
| 85° | 2768 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9986 cd/sqm



TEST NUMBER: P1293536

CATALOG NUMBER: P3AS09R45W2N902750DE010 E3DL1WH_2700K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 46.7 | 12.2 |
| 10°-20° | 108.3 | 28.4 |
| 20°-30° | 107.5 | 28.2 |
| 30°-40° | 69.3 | 18.2 |
| 40°-50° | 26.7 | 7.0 |
| 50°-60° | 10.8 | 2.8 |
| 60°-70° | 6.9 | 1.8 |
| 70°-80° | 3.7 | 1.0 |
| 80°-90° | 1.2 | 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° | 262.5 | 68.9 |
| 0°-40° | 331.8 | 87.1 |
| 0°-60° | 369.3 | 96.9 |
| 0°-90° | 381.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 381.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 518 | |
| 5° | 504 | 47 |
| 15° | 392 | 108 |
| 25° | 235 | 108 |
| 35° | 110 | 69 |
| 45° | 32 | 27 |
| 55° | 12 | 11 |
| 65° | 7 | 7 |
| 75° | 4 | 4 |
| 85° | 1 | 1 |
| 90° | 0 | |



TEST NUMBER: P1293536
CATALOG NUMBER: P3AS09R45W2N902750DE010 E3DL1WH_2700K

CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 517.5 |
| 2.5° | 514.9 |
| 5° | 503.8 |
| 7.5° | 484.8 |
| 10° | 459.4 |
| 12.5° | 427.8 |
| 15° | 391.8 |
| 17.5° | 352.8 |
| 20° | 313.2 |
| 22.5° | 273.0 |
| 25° | 235.0 |
| 27.5° | 199.1 |
| 30° | 165.8 |
| 32.5° | 136.8 |
| 35° | 110.4 |
| 37.5° | 86.6 |
| 40° | 64.4 |
| 42.5° | 46.5 |
| 45° | 32.2 |
| 47.5° | 21.7 |
| 50° | 15.8 |
| 52.5° | 13.2 |
| 55° | 12.1 |
| 57.5° | 10.6 |
| 60° | 9.5 |
| 62.5° | 7.9 |
| 65° | 6.9 |
| 67.5° | 5.8 |
| 70° | 4.8 |
| 72.5° | 4.2 |
| 75° | 3.7 |
| 77.5° | 2.6 |
| 80° | 2.1 |
| 82.5° | 1.6 |
| 85° | 1.1 |
| 87.5° | 0.5 |
| 90° | 0.0 |

(END OF REPORT)