

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: P1289006

Luminaire Tested: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289006
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902765DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

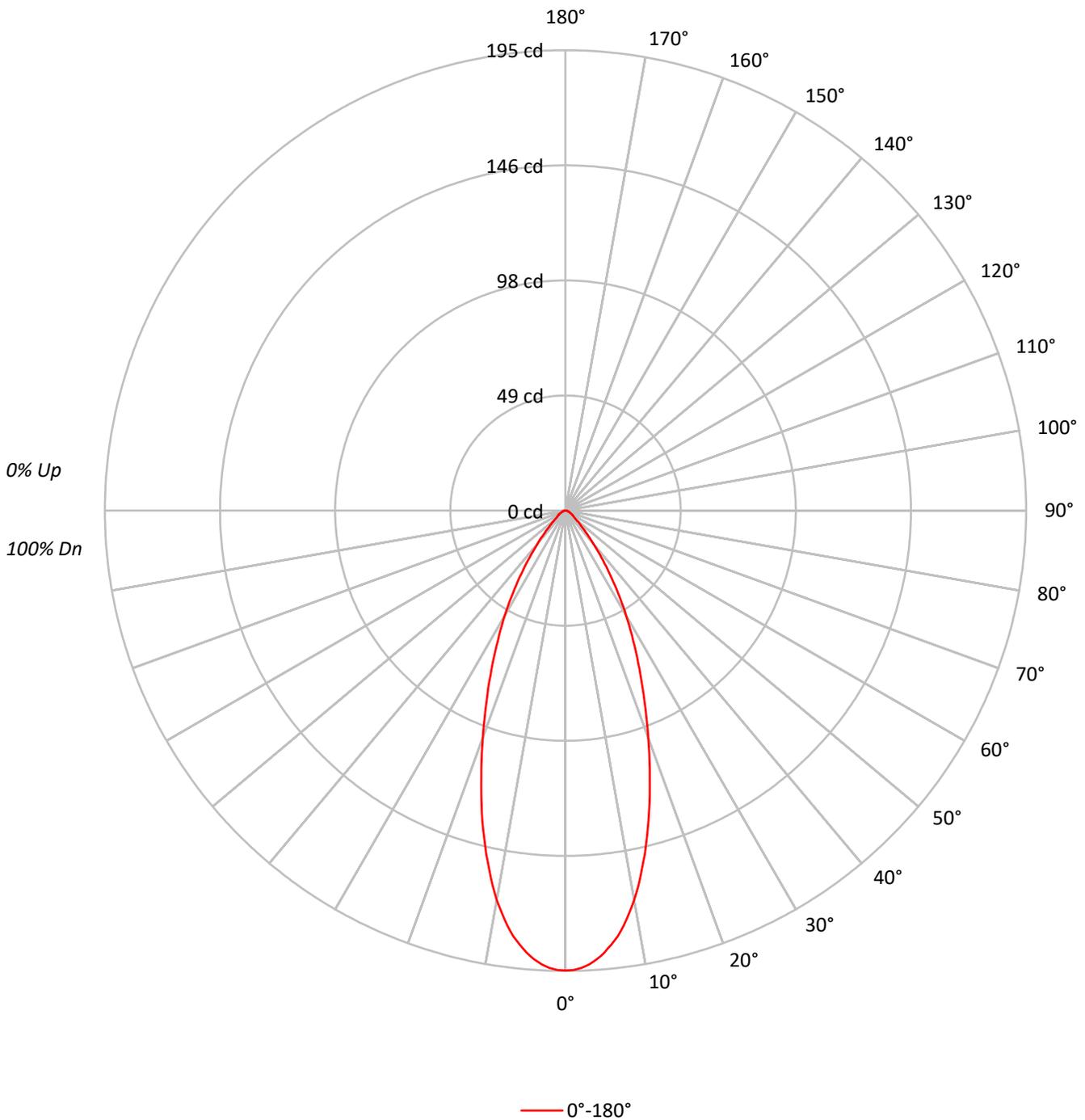
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 125.1 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1289006
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1289006

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

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 | 50 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | 100 | 100 | 100 | 100 |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 104 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 95 | 93 | 93 | 93 | 93 | 93 |
| 2 | 107 | 102 | 98 | 95 | 105 | 101 | 97 | 94 | 97 | 94 | 92 | 94 | 92 | 90 | 92 | 90 | 88 | 86 | 86 | 86 | 86 | 86 |
| 3 | 102 | 95 | 90 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 84 | 89 | 86 | 83 | 87 | 84 | 81 | 80 | 80 | 80 | 80 | 80 |
| 4 | 97 | 89 | 83 | 79 | 95 | 88 | 83 | 79 | 86 | 81 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 | 74 | 74 | 74 | 74 |
| 5 | 92 | 84 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 70 | 70 | 70 | 70 | 70 |
| 6 | 88 | 79 | 73 | 68 | 86 | 78 | 72 | 68 | 76 | 71 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 | 65 | 65 | 65 | 65 |
| 7 | 83 | 74 | 68 | 64 | 82 | 74 | 68 | 64 | 72 | 67 | 63 | 71 | 66 | 63 | 70 | 66 | 63 | 61 | 61 | 61 | 61 | 61 |
| 8 | 80 | 70 | 64 | 60 | 78 | 70 | 64 | 60 | 68 | 63 | 60 | 67 | 63 | 60 | 67 | 62 | 59 | 58 | 58 | 58 | 58 | 58 |
| 9 | 76 | 67 | 61 | 57 | 75 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 60 | 56 | 63 | 59 | 56 | 55 | 55 | 55 | 55 | 55 |
| 10 | 73 | 63 | 58 | 54 | 72 | 63 | 57 | 54 | 62 | 57 | 53 | 61 | 57 | 53 | 60 | 56 | 53 | 52 | 52 | 52 | 52 | 52 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|-------|
| | 0° |
| 0° | 42716 |
| 5° | 41382 |
| 10° | 37296 |
| 15° | 30851 |
| 20° | 23872 |
| 25° | 17904 |
| 30° | 13015 |
| 35° | 8673 |
| 40° | 5324 |
| 45° | 3132 |
| 50° | 1910 |
| 55° | 1567 |
| 60° | 1360 |
| 65° | 1090 |
| 70° | 1026 |
| 75° | 1017 |
| 80° | 758 |
| 85° | 1006 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3132 cd/sqm



TEST NUMBER: P1289006

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 17.3 | 13.8 |
| 10°-20° | 37.4 | 29.9 |
| 20°-30° | 34.0 | 27.2 |
| 30°-40° | 20.6 | 16.5 |
| 40°-50° | 8.3 | 6.6 |
| 50°-60° | 3.7 | 2.9 |
| 60°-70° | 2.2 | 1.7 |
| 70°-80° | 1.2 | 1.0 |
| 80°-90° | 0.4 | 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° | 88.7 | 71.0 |
| 0°-40° | 109.3 | 87.4 |
| 0°-60° | 121.3 | 97.0 |
| 0°-90° | 125.1 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 125.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 195 | |
| 5° | 188 | 17 |
| 15° | 136 | 37 |
| 25° | 74 | 34 |
| 35° | 32 | 21 |
| 45° | 10 | 8 |
| 55° | 4 | 4 |
| 65° | 2 | 2 |
| 75° | 1 | 1 |
| 85° | 0 | 0 |
| 90° | 0 | |



TEST NUMBER: P1289006

CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 194.8 |
| 1° | 194.6 |
| 2° | 193.8 |
| 3° | 192.5 |
| 4° | 190.5 |
| 5° | 188.0 |
| 6° | 184.9 |
| 7° | 181.6 |
| 8° | 177.4 |
| 9° | 172.5 |
| 10° | 167.5 |
| 11° | 161.7 |
| 12° | 155.4 |
| 13° | 149.2 |
| 14° | 142.5 |
| 15° | 135.9 |
| 17.5° | 118.6 |
| 20° | 102.3 |
| 22.5° | 87.2 |
| 25° | 74.0 |
| 27.5° | 62.0 |
| 30° | 51.4 |
| 32.5° | 41.5 |
| 35° | 32.4 |
| 37.5° | 24.8 |
| 40° | 18.6 |
| 42.5° | 13.6 |
| 45° | 10.1 |
| 47.5° | 7.6 |
| 50° | 5.6 |
| 52.5° | 4.5 |
| 55° | 4.1 |
| 57.5° | 3.5 |
| 60° | 3.1 |
| 62.5° | 2.5 |
| 65° | 2.1 |
| 67.5° | 1.9 |
| 70° | 1.6 |
| 72.5° | 1.4 |
| 75° | 1.2 |
| 77.5° | 1.0 |
| 80° | 0.6 |
| 82.5° | 0.4 |
| 85° | 0.4 |
| 87.5° | 0.2 |



TEST NUMBER: P1289006
CATALOG NUMBER: P3A05R30W2N902765DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (continued):



(END OF REPORT)