

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: P1284916

Luminaire Tested: P3AS13R35B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

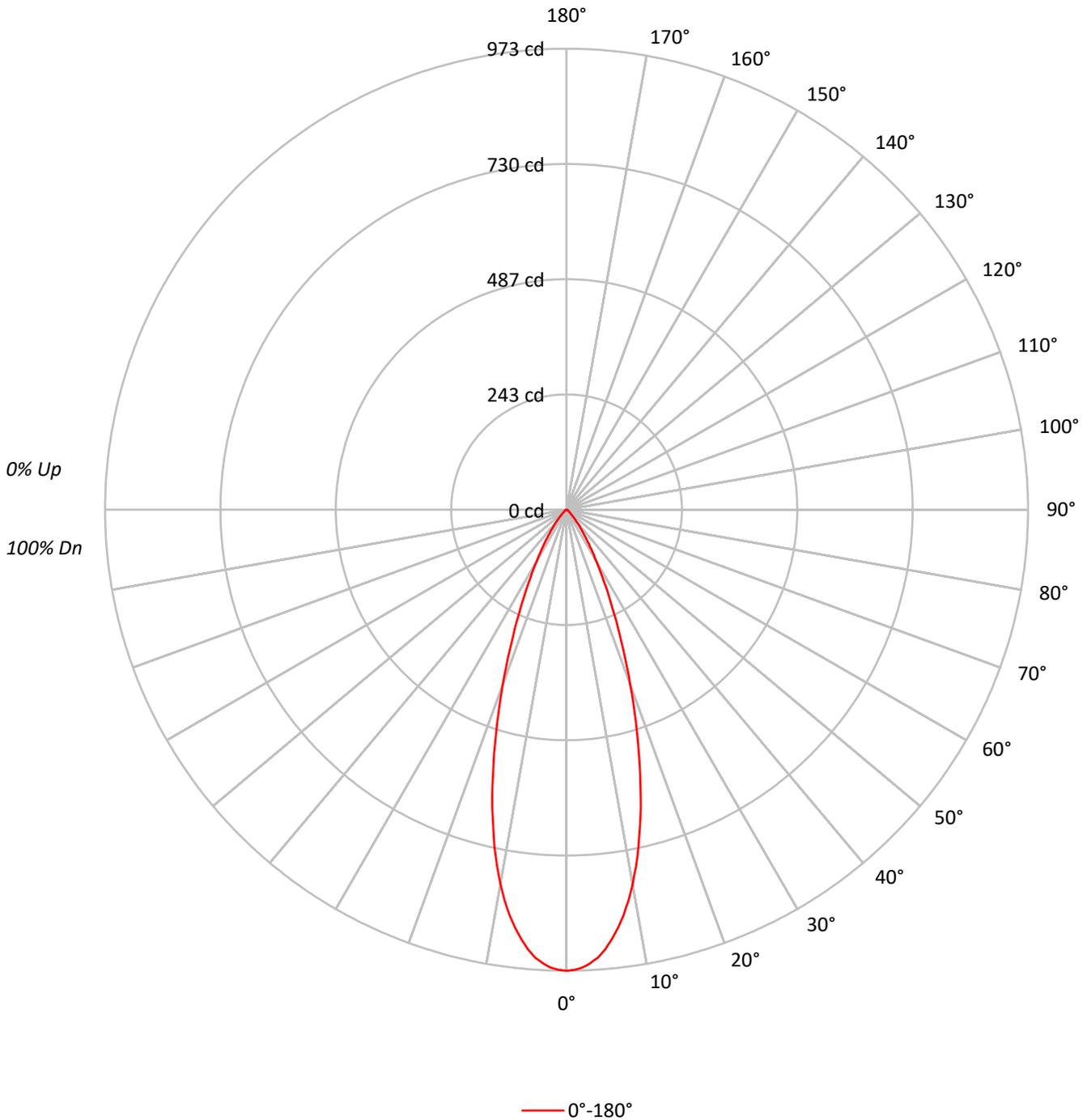
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 422.9 lumens
Efficiency: N/A
Efficacy: 22.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1284916
CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1284916
 CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1GPH_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 | 100 | | |
| 1 | 114 | 112 | 109 | 107 | 112 | 109 | 107 | 106 | 105 | 104 | 102 | 102 | 100 | 99 | 98 | 97 | 96 | 95 | | |
| 2 | 109 | 105 | 101 | 98 | 107 | 103 | 100 | 97 | 100 | 97 | 95 | 97 | 95 | 93 | 94 | 93 | 91 | 90 | | |
| 3 | 105 | 99 | 95 | 91 | 103 | 98 | 94 | 90 | 95 | 92 | 89 | 93 | 90 | 88 | 91 | 88 | 86 | 85 | | |
| 4 | 100 | 94 | 89 | 85 | 99 | 93 | 88 | 85 | 91 | 87 | 84 | 89 | 85 | 83 | 87 | 84 | 82 | 80 | | |
| 5 | 96 | 89 | 84 | 80 | 95 | 88 | 83 | 80 | 86 | 82 | 79 | 85 | 81 | 78 | 83 | 80 | 78 | 77 | | |
| 6 | 92 | 85 | 80 | 76 | 91 | 84 | 79 | 76 | 83 | 78 | 75 | 81 | 77 | 75 | 80 | 77 | 74 | 73 | | |
| 7 | 89 | 81 | 76 | 72 | 88 | 80 | 75 | 72 | 79 | 75 | 72 | 78 | 74 | 71 | 77 | 73 | 71 | 70 | | |
| 8 | 85 | 77 | 72 | 69 | 84 | 77 | 72 | 69 | 76 | 71 | 68 | 75 | 71 | 68 | 74 | 70 | 68 | 67 | | |
| 9 | 82 | 74 | 69 | 66 | 81 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 65 | 71 | 68 | 65 | 64 | | |
| 10 | 79 | 71 | 66 | 63 | 78 | 71 | 66 | 63 | 70 | 66 | 63 | 69 | 65 | 62 | 69 | 65 | 62 | 61 | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 213338 |
| 5° | 205040 |
| 10° | 178643 |
| 15° | 136823 |
| 20° | 91545 |
| 25° | 55382 |
| 30° | 31777 |
| 35° | 17775 |
| 40° | 9446 |
| 45° | 4869 |
| 50° | 2320 |
| 55° | 1835 |
| 60° | 1754 |
| 65° | 1453 |
| 70° | 1539 |
| 75° | 1356 |
| 80° | 1515 |
| 85° | 1006 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4869 cd/sqm



TEST NUMBER: P1284916

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 84.8 | 20.0 |
| 10°-20° | 164.2 | 38.8 |
| 20°-30° | 107.5 | 25.4 |
| 30°-40° | 43.6 | 10.3 |
| 40°-50° | 13.1 | 3.1 |
| 50°-60° | 4.4 | 1.0 |
| 60°-70° | 3.0 | 0.7 |
| 70°-80° | 1.7 | 0.4 |
| 80°-90° | 0.6 | 0.1 |
| 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° | 356.5 | 84.3 |
| 0°-40° | 400.1 | 94.6 |
| 0°-60° | 417.6 | 98.7 |
| 0°-90° | 422.9 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 422.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 973 | |
| 5° | 932 | 85 |
| 15° | 603 | 164 |
| 25° | 229 | 108 |
| 35° | 66 | 44 |
| 45° | 16 | 13 |
| 55° | 5 | 4 |
| 65° | 3 | 3 |
| 75° | 2 | 2 |
| 85° | 0 | 1 |
| 90° | 0 | |



TEST NUMBER: P1284916
CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 972.9 |
| 1° | 971.3 |
| 2° | 966.9 |
| 3° | 958.0 |
| 4° | 947.6 |
| 5° | 931.5 |
| 6° | 911.4 |
| 7° | 888.8 |
| 8° | 863.5 |
| 9° | 834.5 |
| 10° | 802.3 |
| 11° | 766.5 |
| 12° | 729.1 |
| 13° | 687.2 |
| 14° | 647.4 |
| 15° | 602.7 |
| 17.5° | 494.5 |
| 20° | 392.3 |
| 22.5° | 301.8 |
| 25° | 228.9 |
| 27.5° | 170.6 |
| 30° | 125.5 |
| 32.5° | 92.1 |
| 35° | 66.4 |
| 37.5° | 47.1 |
| 40° | 33.0 |
| 42.5° | 22.9 |
| 45° | 15.7 |
| 47.5° | 10.5 |
| 50° | 6.8 |
| 52.5° | 5.2 |
| 55° | 4.8 |
| 57.5° | 4.4 |
| 60° | 4.0 |
| 62.5° | 3.6 |
| 65° | 2.8 |
| 67.5° | 2.4 |
| 70° | 2.4 |
| 72.5° | 2.0 |
| 75° | 1.6 |
| 77.5° | 1.2 |
| 80° | 1.2 |
| 82.5° | 0.8 |
| 85° | 0.4 |
| 87.5° | 0.4 |



TEST NUMBER: P1284916
CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)