

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: P1291241

Luminaire Tested: P3AS05R70W2N902750DE010 E3CB1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291241
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70W2N902750DE010 E3CB1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 90CRI ,
E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

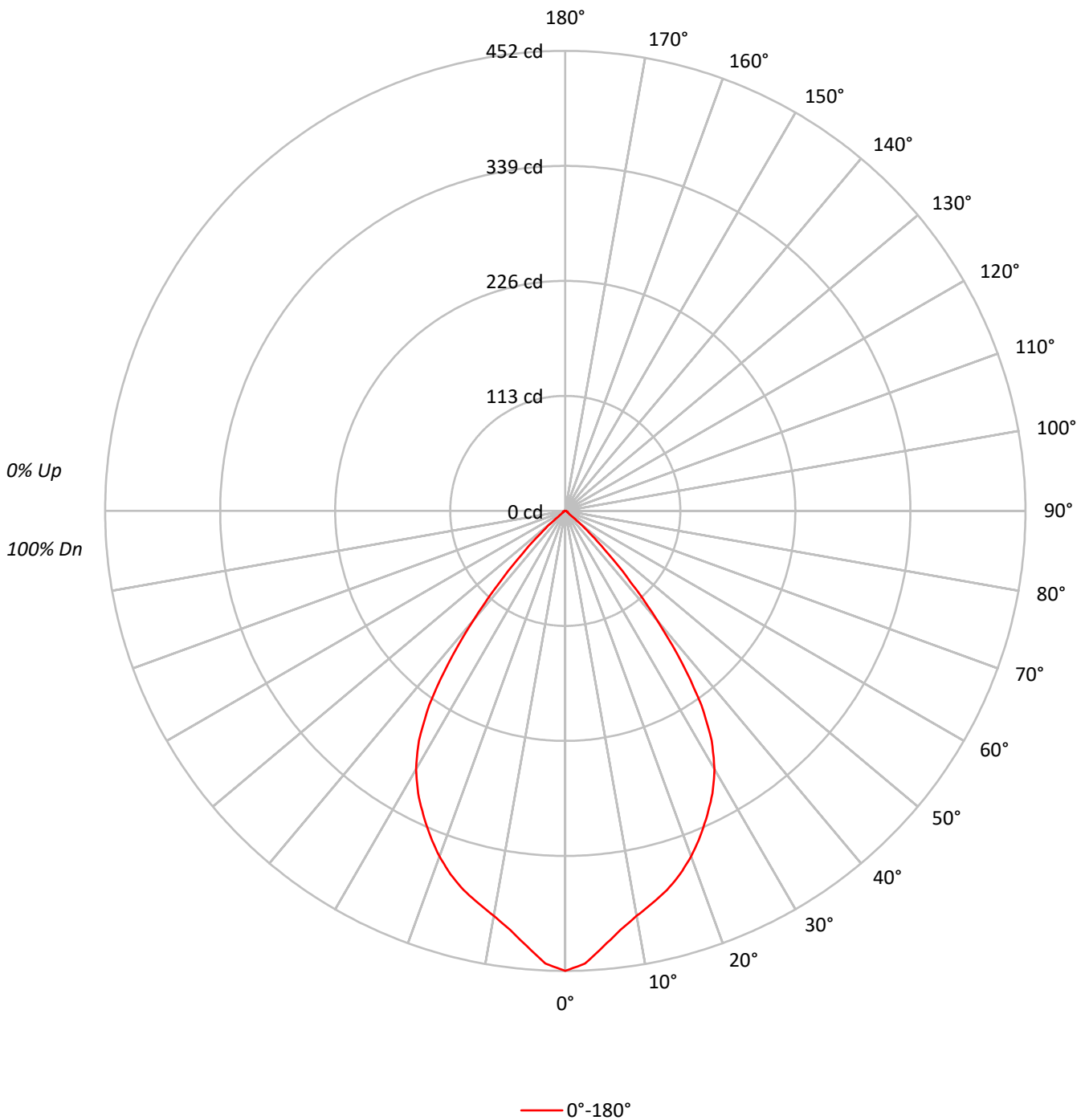
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 499.0 lumens
Efficiency: N/A
Efficacy: 84.6 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
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: P1291241
CATALOG NUMBER: P3AS05R70W2N902750DE010 E3CB1MB_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1291241

CATALOG NUMBER: P3AS05R70W2N902750DE010 E3CB1MB_5000K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 40.2 | 8.1 |
| 10°-20° | 108.4 | 21.7 |
| 20°-30° | 151.4 | 30.3 |
| 30°-40° | 140.4 | 28.1 |
| 40°-50° | 50.3 | 10.1 |
| 50°-60° | 4.3 | 0.9 |
| 60°-70° | 2.1 | 0.4 |
| 70°-80° | 1.4 | 0.3 |
| 80°-90° | 0.5 | 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° | 300.0 | 60.1 |
| 0°-40° | 440.3 | 88.2 |
| 0°-60° | 495.0 | 99.2 |
| 0°-90° | 499.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 499.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 452 | |
| 5° | 430 | 40 |
| 15° | 386 | 108 |
| 25° | 330 | 151 |
| 35° | 233 | 140 |
| 45° | 60 | 50 |
| 55° | 3 | 4 |
| 65° | 2 | 2 |
| 75° | 1 | 1 |
| 85° | 0 | 1 |
| 90° | 0 | |



TEST NUMBER: P1291241
CATALOG NUMBER: P3AS05R70W2N902750DE010 E3CB1MB_5000K

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 451.9 |
| 2.5° | 445.1 |
| 5° | 429.5 |
| 7.5° | 415.2 |
| 10° | 404.0 |
| 12.5° | 394.8 |
| 15° | 385.7 |
| 17.5° | 374.5 |
| 20° | 361.3 |
| 22.5° | 346.2 |
| 25° | 329.8 |
| 27.5° | 313.1 |
| 30° | 293.1 |
| 32.5° | 267.6 |
| 35° | 232.9 |
| 37.5° | 188.6 |
| 40° | 140.4 |
| 42.5° | 95.7 |
| 45° | 60.2 |
| 47.5° | 33.5 |
| 50° | 14.4 |
| 52.5° | 4.8 |
| 55° | 3.2 |
| 57.5° | 2.8 |
| 60° | 2.8 |
| 62.5° | 2.4 |
| 65° | 2.0 |
| 67.5° | 2.0 |
| 70° | 1.6 |
| 72.5° | 1.6 |
| 75° | 1.2 |
| 77.5° | 1.2 |
| 80° | 0.8 |
| 82.5° | 0.8 |
| 85° | 0.4 |
| 87.5° | 0.4 |
| 90° | 0.0 |

(END OF REPORT)