

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: P1291409

Luminaire Tested: P3AS05R70W2N902765DE010 E3D1LI_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291409
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70W2N902765DE010 E3D1LI_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 6500K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

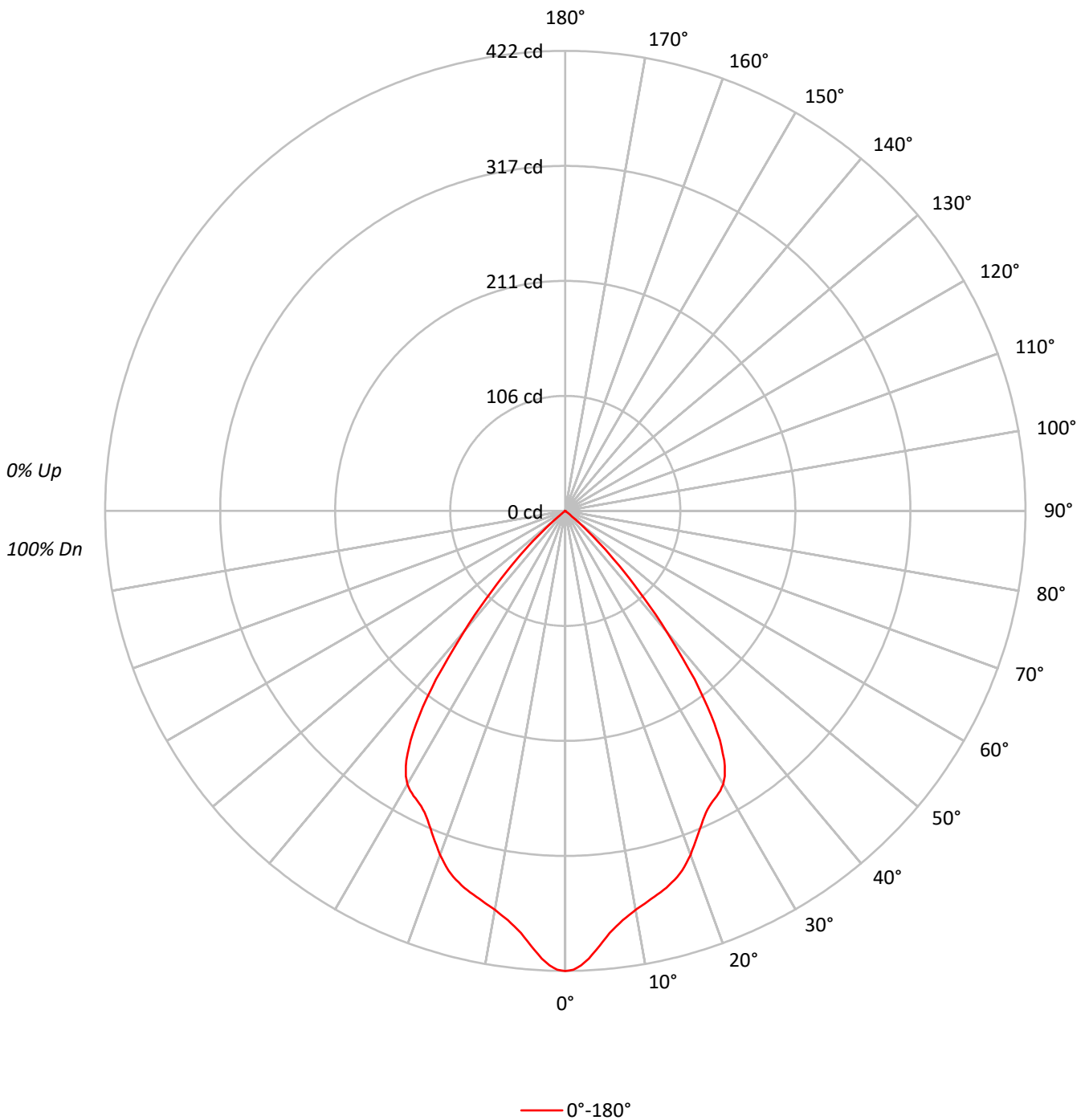
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 476.0 lumens
Efficiency: N/A
Efficacy: 80.7 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
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: P1291409
CATALOG NUMBER: P3AS05R70W2N902765DE010 E3D1LI_6500K

Luminous Intensity Polar Plot





TEST NUMBER: P1291409

CATALOG NUMBER: P3AS05R70W2N902765DE010 E3D1LI_6500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	7.8
10°-20°	100.5	21.1
20°-30°	142.2	29.9
30°-40°	142.9	30.0
40°-50°	51.4	10.8
50°-60°	1.4	0.3
60°-70°	0.3	0.1
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	279.8	58.8
0°-40°	422.7	88.8
0°-60°	475.5	99.9
0°-90°	476.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	476.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	422	
5°	396	37
15°	358	101
25°	305	142
35°	238	143
45°	63	51
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1291409

CATALOG NUMBER: P3AS05R70W2N902765DE010 E3D1LI_6500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	422.1
1°	420.9
2°	417.2
3°	411.3
4°	403.9
5°	396.5
6°	389.4
7°	384.0
8°	379.1
9°	375.2
10°	371.6
11°	368.7
12°	366.0
13°	363.2
14°	360.7
15°	358.0
16°	354.6
17°	351.1
18°	346.8
19°	341.5
20°	335.7
21°	329.2
22°	322.8
23°	316.5
24°	310.5
25°	305.2
26°	301.5
27°	298.5
28°	296.2
29°	293.4
30°	289.5
31°	283.9
32°	275.9
32.5°	271.4
33°	265.3
34°	253.4
35°	238.5
36°	222.1
37°	203.5
37.5°	194.9
38°	183.2
39°	162.3
40°	144.3
42.5°	99.9
45°	63.0



TEST NUMBER: P1291409

CATALOG NUMBER: P3AS05R70W2N902765DE010 E3D1LI_6500K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	33.8
50°	8.0
52.5°	1.0
55°	0.6
57.5°	0.6
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.2
80°	0.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)