

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: P1252186

Luminaire Tested: P3AS13R709030DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252186
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: P3AS13R709030DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

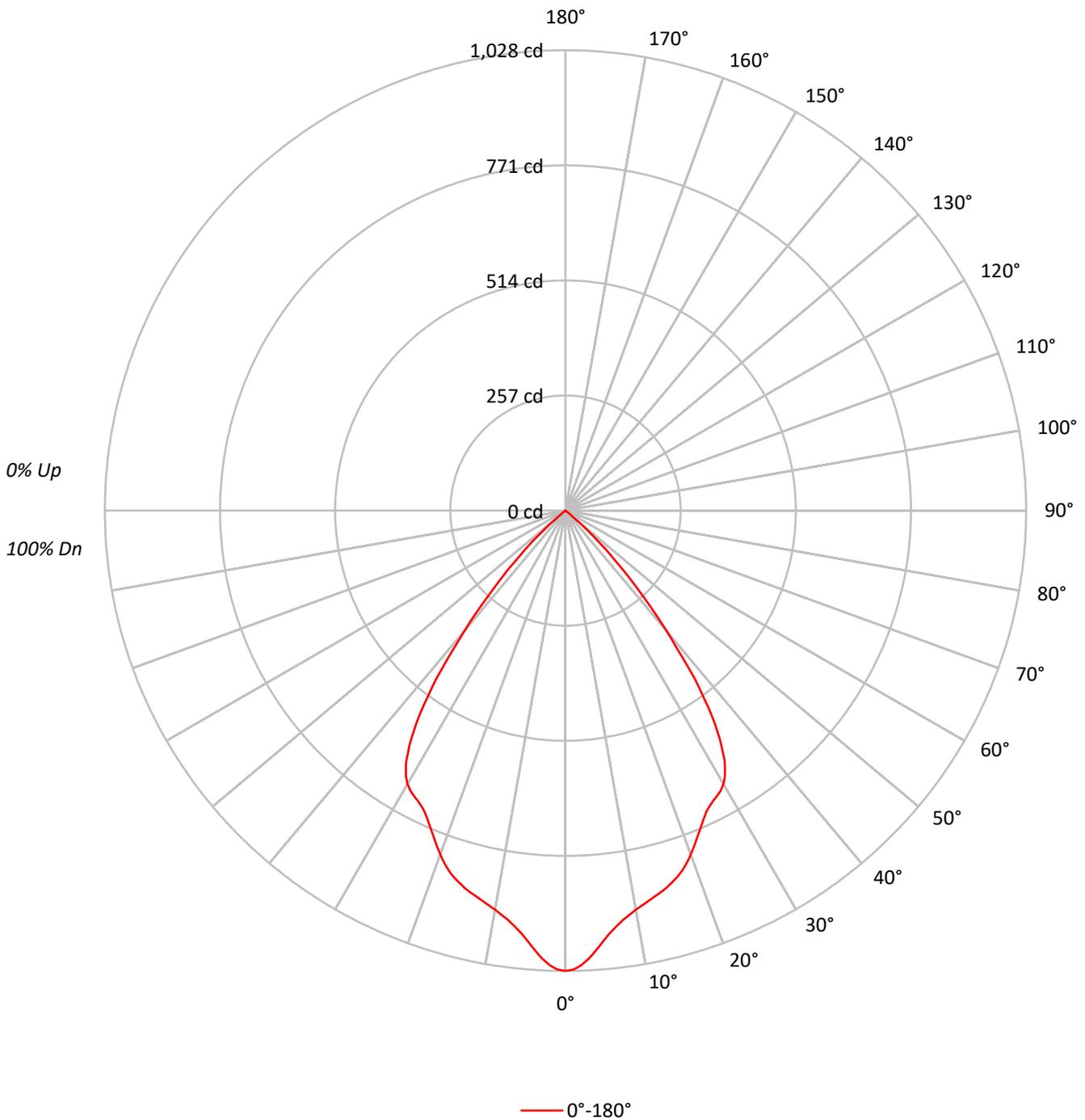
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1159.1 lumens
Efficiency: N/A
Efficacy: 79.4 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): 14.6
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: P1252186
CATALOG NUMBER: P3AS13R709030DE010 E3D1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1252186

CATALOG NUMBER: P3AS13R709030DE010 E3D1LI

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			
4	95	87	81	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	225355
5°	212502
10°	201488
15°	197867
20°	190720
25°	179793
30°	178508
35°	155449
40°	100560
45°	47540
50°	6652
55°	535
60°	439
65°	519
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 47540 cd/sqm



TEST NUMBER: P1252186
 CATALOG NUMBER: P3AS13R709030DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	7.8
10°-20°	244.8	21.1
20°-30°	346.3	29.9
30°-40°	348.0	30.0
40°-50°	125.1	10.8
50°-60°	3.4	0.3
60°-70°	0.8	0.1
70°-80°	0.5	0.0
80°-90°	0.1	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°	681.2	58.8
0°-40°	1029.2	88.8
0°-60°	1157.7	99.9
0°-90°	1159.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1159.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1028	
5°	965	90
15°	872	245
25°	743	346
35°	581	348
45°	153	125
55°	1	3
65°	1	1
75°	0	1
85°	0	0
90°	0	



TEST NUMBER: P1252186

CATALOG NUMBER: P3AS13R709030DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1027.7
1°	1024.9
2°	1015.8
3°	1001.5
4°	983.5
5°	965.4
6°	948.2
7°	934.9
8°	923.0
9°	913.5
10°	904.9
11°	897.8
12°	891.1
13°	884.4
14°	878.3
15°	871.6
16°	863.5
17°	854.9
18°	844.5
19°	831.6
20°	817.3
21°	801.6
22°	785.9
23°	770.7
24°	755.9
25°	743.1
26°	734.0
27°	726.9
28°	721.2
29°	714.5
30°	705.0
31°	691.2
32°	671.7
32.5°	660.7
33°	646.0
34°	616.9
35°	580.7
36°	540.8
37°	495.5
37.5°	474.6
38°	446.0
39°	395.1
40°	351.3
42.5°	243.2
45°	153.3



TEST NUMBER: P1252186
CATALOG NUMBER: P3AS13R709030DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	82.4
50°	19.5
52.5°	2.4
55°	1.4
57.5°	1.4
60°	1.0
62.5°	1.0
65°	1.0
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)