

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: P1257192

Luminaire Tested: P3AS09R709040DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257192
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: P3AS09R709040DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

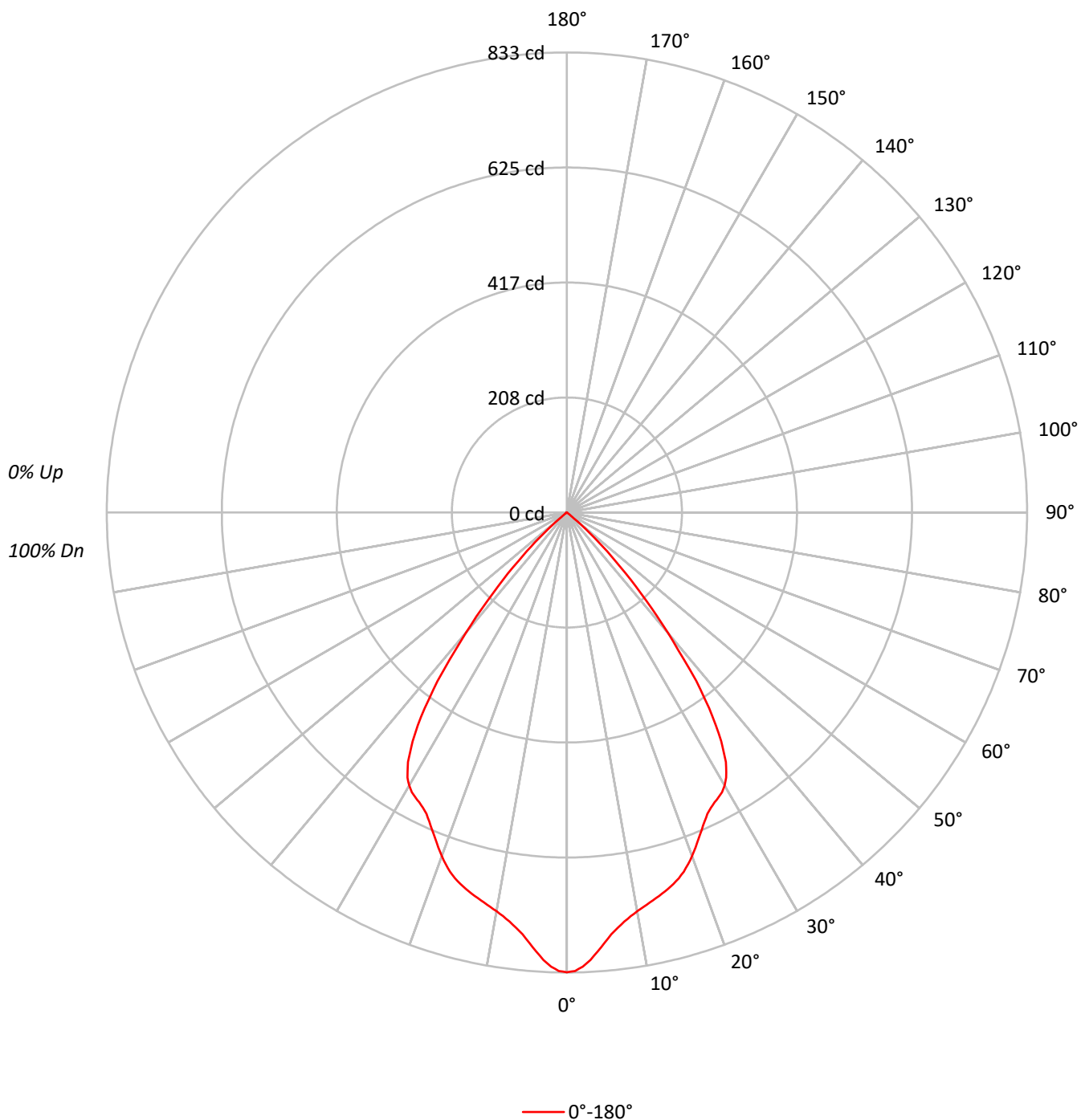
Lumens per Lamp: N/A
Luminaire Lumens: 939.1 lumens
Efficiency: N/A
Efficacy: 84.6 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1257192

CATALOG NUMBER: P3AS09R709040DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1257192

CATALOG NUMBER: P3AS09R709040DE010 E3D1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182573
5°	172155
10°	163235
15°	160296
20°	154527
25°	145654
30°	144630
35°	125949
40°	81467
45°	38516
50°	5390
55°	459
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38516 cd/sqm

TEST NUMBER: P1257192

CATALOG NUMBER: P3AS09R709040DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.0	7.8
10°-20°	198.3	21.1
20°-30°	280.5	29.9
30°-40°	281.9	30.0
40°-50°	101.4	10.8
50°-60°	2.7	0.3
60°-70°	0.6	0.1
70°-80°	0.4	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°	551.9	58.8
0°-40°	833.8	88.8
0°-60°	937.9	99.9
0°-90°	939.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	939.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	833	
5°	782	73
15°	706	198
25°	602	281
35°	470	282
45°	124	101
55°	1	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1257192

CATALOG NUMBER: P3AS09R709040DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	832.6
1°	830.3
2°	823.0
3°	811.4
4°	796.8
5°	782.1
6°	768.2
7°	757.4
8°	747.8
9°	740.1
10°	733.1
11°	727.4
12°	722.0
13°	716.6
14°	711.5
15°	706.1
16°	699.6
17°	692.6
18°	684.2
19°	673.7
20°	662.2
21°	649.5
22°	636.7
23°	624.4
24°	612.4
25°	602.0
26°	594.7
27°	588.9
28°	584.3
29°	578.9
30°	571.2
31°	560.0
32°	544.2
32.5°	535.3
33°	523.3
34°	499.8
35°	470.5
36°	438.1
37°	401.5
37.5°	384.5
38°	361.4
39°	320.1
40°	284.6
42.5°	197.1
45°	124.2



TEST NUMBER: P1257192

CATALOG NUMBER: P3AS09R709040DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	66.7
50°	15.8
52.5°	1.9
55°	1.2
57.5°	1.2
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)