

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: P1257118

Luminaire Tested: P3AS09R559040DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257118
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559040DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

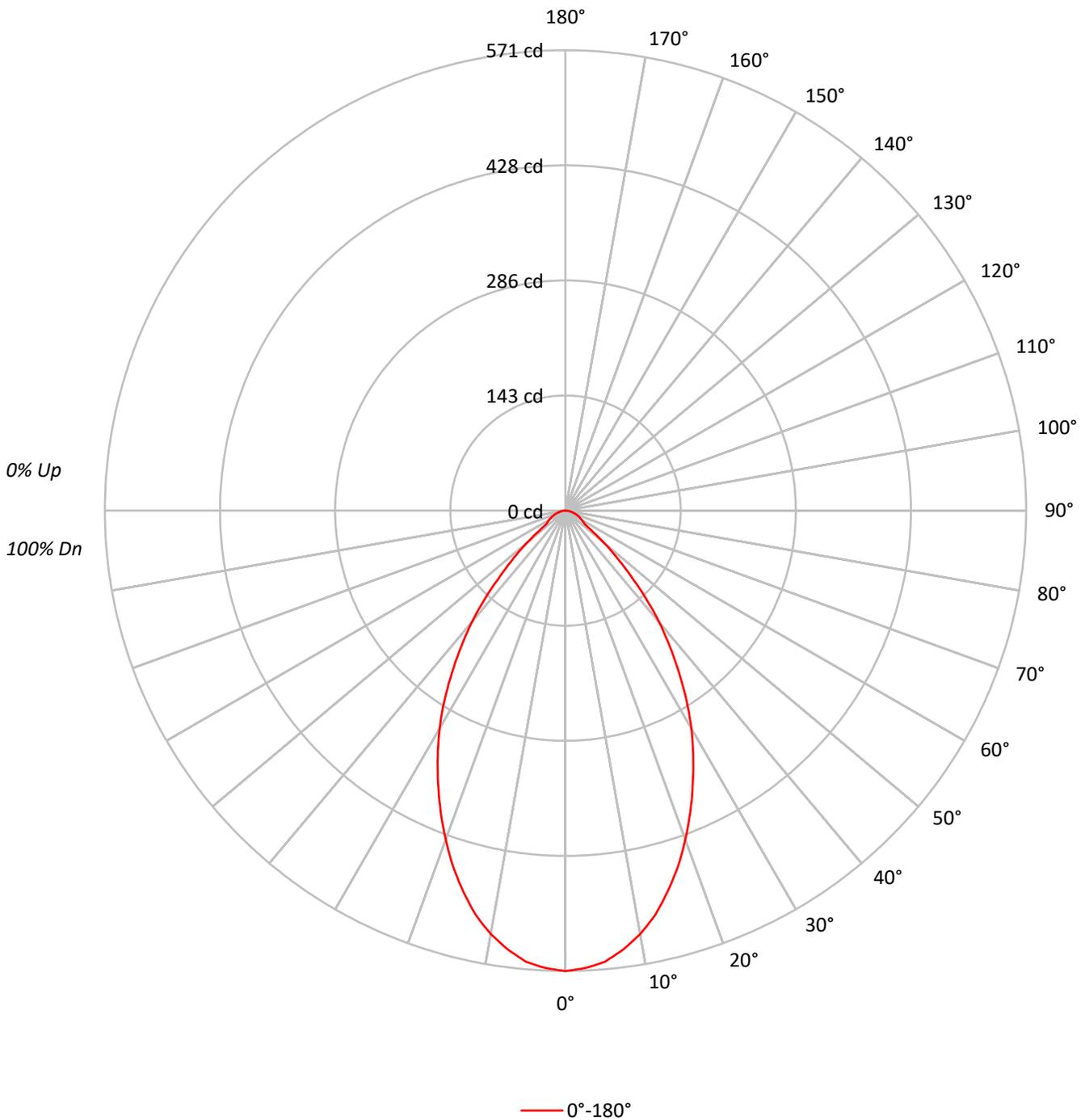
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 666.0 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
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

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Luminous Intensity Polar Plot





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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			100
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125231
5°	123618
10°	118746
15°	111079
20°	101322
25°	90392
30°	79075
35°	65692
40°	51783
45°	35135
50°	21458
55°	11125
60°	10350
65°	9806
70°	9104
75°	7964
80°	7956
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 35135 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	7.9
10°-20°	136.8	20.5
20°-30°	171.2	25.7
30°-40°	152.9	23.0
40°-50°	89.5	13.4
50°-60°	30.9	4.6
60°-70°	18.7	2.8
70°-80°	10.4	1.6
80°-90°	3.0	0.5
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°	360.7	54.2
0°-40°	513.5	77.1
0°-60°	634.0	95.2
0°-90°	666.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	666.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	571	
5°	562	53
15°	489	137
25°	374	171
35°	245	153
45°	113	90
55°	29	31
65°	19	19
75°	9	10
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	571.1
2.5°	567.9
5°	561.6
7.5°	549.0
10°	533.3
12.5°	513.7
15°	489.3
17.5°	463.3
20°	434.2
22.5°	404.3
25°	373.6
27.5°	343.0
30°	312.3
32.5°	279.2
35°	245.4
37.5°	212.4
40°	180.9
42.5°	147.1
45°	113.3
47.5°	86.5
50°	62.9
52.5°	40.9
55°	29.1
57.5°	26.0
60°	23.6
62.5°	21.2
65°	18.9
67.5°	16.5
70°	14.2
72.5°	11.8
75°	9.4
77.5°	7.9
80°	6.3
82.5°	3.9
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)