

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: P1262421

Luminaire Tested: P3AS09R559727DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262421
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: P3AS09R559727DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

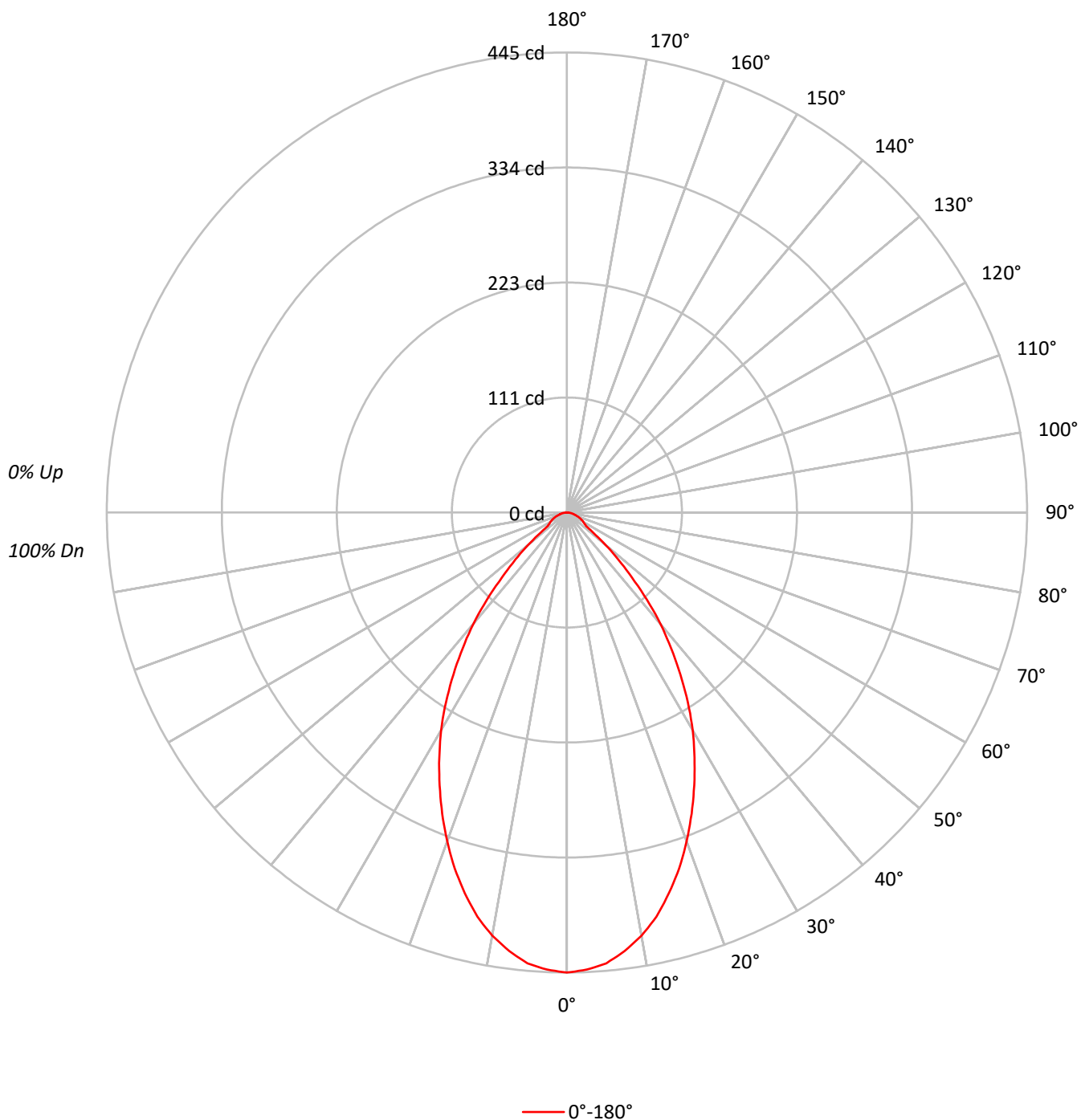
Lumens per Lamp: N/A
Luminaire Lumens: 519.0 lumens
Efficiency: N/A
Efficacy: 46.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97580
5°	96346
10°	92539
15°	86561
20°	78967
25°	70456
30°	61630
35°	51210
40°	40361
45°	27383
50°	16716
55°	8678
60°	8070
65°	7627
70°	7052
75°	6270
80°	6188
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27383 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.0	7.9
10°-20°	106.6	20.5
20°-30°	133.5	25.7
30°-40°	119.1	23.0
40°-50°	69.7	13.4
50°-60°	24.1	4.6
60°-70°	14.6	2.8
70°-80°	8.1	1.6
80°-90°	2.3	0.4
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°	281.1	54.2
0°-40°	400.2	77.1
0°-60°	494.0	95.2
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	445	
5°	438	41
15°	381	107
25°	291	133
35°	191	119
45°	88	70
55°	23	24
65°	15	15
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	445.0
2.5°	442.6
5°	437.7
7.5°	427.9
10°	415.6
12.5°	400.3
15°	381.3
17.5°	361.0
20°	338.4
22.5°	315.1
25°	291.2
27.5°	267.3
30°	243.4
32.5°	217.6
35°	191.3
37.5°	165.5
40°	141.0
42.5°	114.6
45°	88.3
47.5°	67.4
50°	49.0
52.5°	31.9
55°	22.7
57.5°	20.2
60°	18.4
62.5°	16.6
65°	14.7
67.5°	12.9
70°	11.0
72.5°	9.2
75°	7.4
77.5°	6.1
80°	4.9
82.5°	3.1
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)