

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: P1262415

Luminaire Tested: P3AS09R559727DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262415
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559727DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

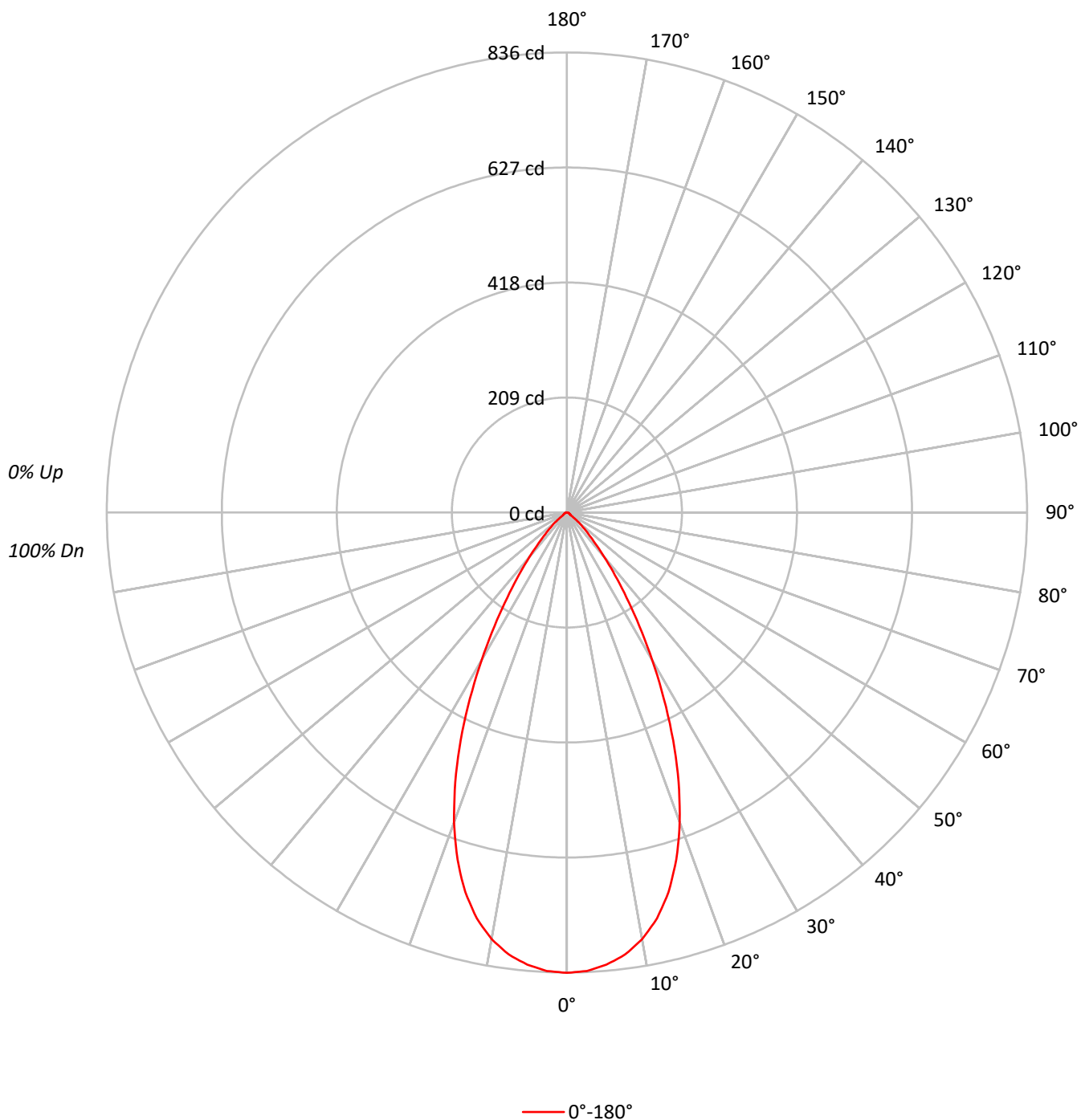
Lumens per Lamp: N/A
Luminaire Lumens: 668.0 lumens
Efficiency: N/A
Efficacy: 60.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	183428
5°	181576
10°	175347
15°	162067
20°	139849
25°	110474
30°	78366
35°	50514
40°	30343
45°	17118
50°	9211
55°	3288
60°	2938
65°	2854
70°	2757
75°	2626
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	11.6
10°-20°	197.4	29.6
20°-30°	206.9	31.0
30°-40°	120.7	18.1
40°-50°	45.2	6.8
50°-60°	10.6	1.6
60°-70°	5.4	0.8
70°-80°	3.3	0.5
80°-90°	0.9	0.1
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°	481.9	72.1
0°-40°	602.6	90.2
0°-60°	658.4	98.6
0°-90°	668.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	668.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	836	
5°	825	78
15°	714	197
25°	457	207
35°	189	121
45°	55	45
55°	9	11
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	836.5
2.5°	834.0
5°	824.9
7.5°	810.1
10°	787.5
12.5°	755.6
15°	713.9
17.5°	661.2
20°	599.3
22.5°	530.1
25°	456.6
27.5°	381.2
30°	309.5
32.5°	244.5
35°	188.7
37.5°	143.4
40°	106.0
42.5°	76.0
45°	55.2
47.5°	39.8
50°	27.0
52.5°	15.3
55°	8.6
57.5°	7.4
60°	6.7
62.5°	6.1
65°	5.5
67.5°	4.9
70°	4.3
72.5°	3.7
75°	3.1
77.5°	2.5
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)