

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: P1286876

Luminaire Tested: P3AS09R459030D2WDE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459030D2WDE010 E3DLD1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

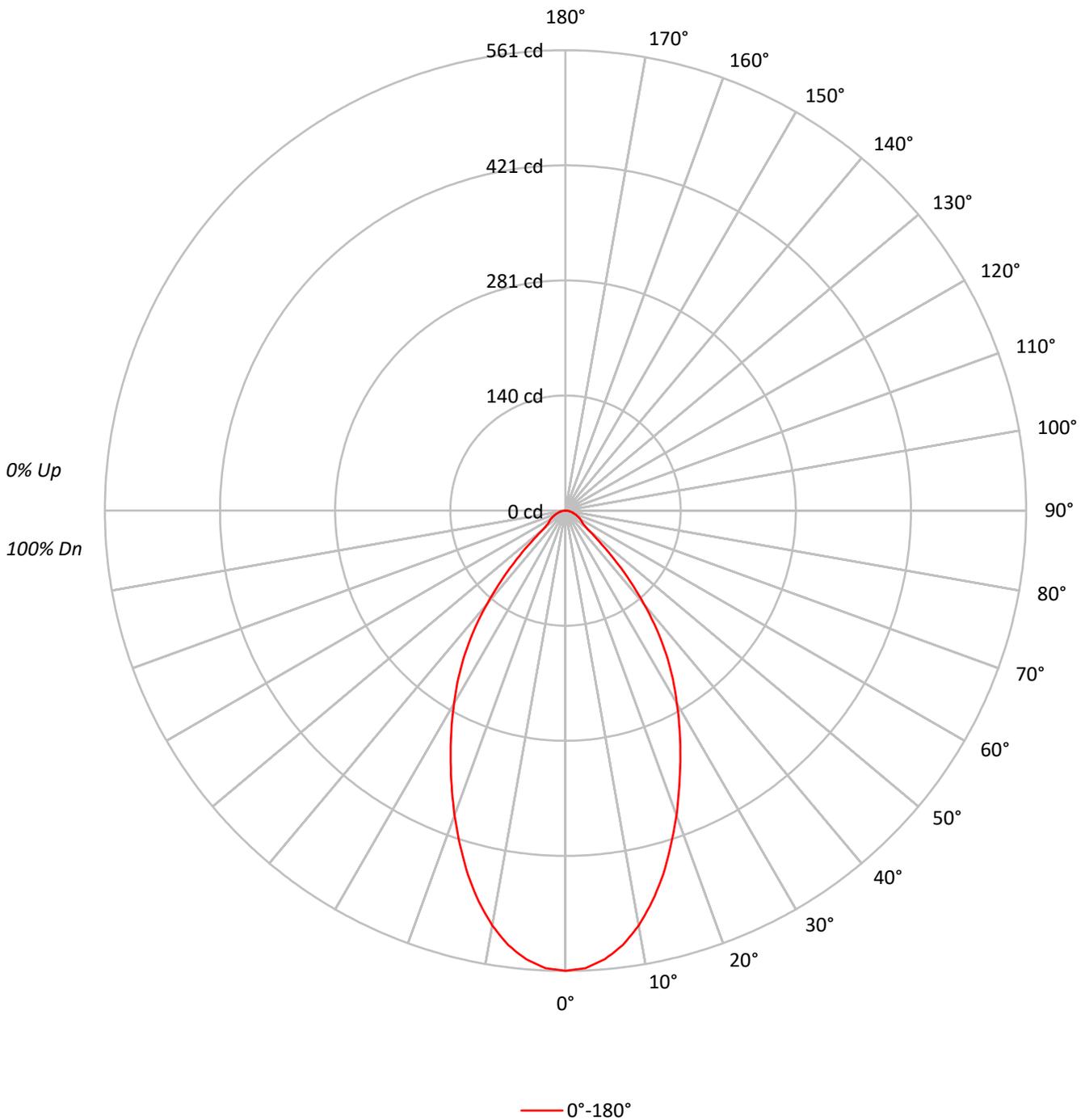
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 579.9 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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				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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	91	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122973
5°	120801
10°	114293
15°	104246
20°	92175
25°	80061
30°	68719
35°	57259
40°	42680
45°	26111
50°	12076
55°	9443
60°	9078
65°	8302
70°	7694
75°	7371
80°	6693
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26111 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	8.8
10°-20°	127.8	22.0
20°-30°	151.9	26.2
30°-40°	132.0	22.8
40°-50°	66.2	11.4
50°-60°	23.0	4.0
60°-70°	16.1	2.8
70°-80°	9.0	1.5
80°-90°	2.7	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°	331.0	57.1
0°-40°	463.0	79.8
0°-60°	552.2	95.2
0°-90°	579.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	579.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	561	
5°	549	51
15°	459	128
25°	331	152
35°	214	132
45°	84	66
55°	25	23
65°	16	16
75°	9	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	560.8
2.5°	558.1
5°	548.8
7.5°	534.1
10°	513.3
12.5°	487.9
15°	459.2
17.5°	427.1
20°	395.0
22.5°	362.3
25°	330.9
27.5°	300.8
30°	271.4
32.5°	243.3
35°	213.9
37.5°	182.5
40°	149.1
42.5°	116.3
45°	84.2
47.5°	55.5
50°	35.4
52.5°	27.4
55°	24.7
57.5°	22.7
60°	20.7
62.5°	18.7
65°	16.0
67.5°	14.0
70°	12.0
72.5°	10.0
75°	8.7
77.5°	6.7
80°	5.3
82.5°	4.0
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)