

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: P1287503

Luminaire Tested: P3AS17R359030D2WDE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359030D2WDE010 E3DL1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

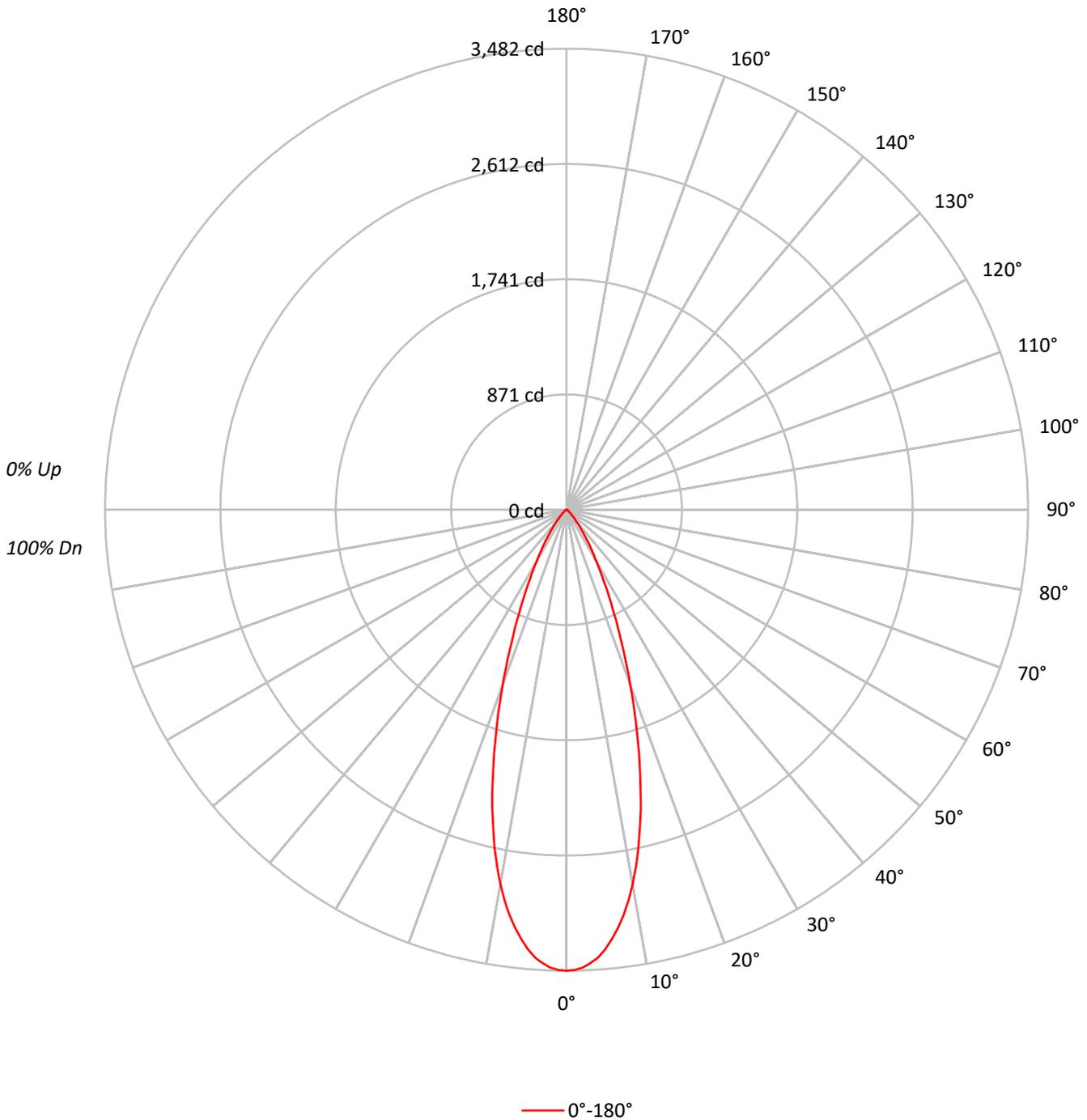
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1513.9 lumens
Efficiency: N/A
Efficacy: 55.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	763601
5°	733852
10°	639423
15°	489742
20°	327652
25°	198253
30°	113764
35°	63604
40°	33806
45°	17428
50°	8358
55°	6614
60°	6315
65°	5241
70°	5514
75°	4914
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17428 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.3	20.0
10°-20°	587.8	38.8
20°-30°	384.8	25.4
30°-40°	156.1	10.3
40°-50°	46.8	3.1
50°-60°	15.9	1.1
60°-70°	10.7	0.7
70°-80°	6.3	0.4
80°-90°	2.1	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°	1276.0	84.3
0°-40°	1432.1	94.6
0°-60°	1494.9	98.7
0°-90°	1513.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1513.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3482	
5°	3334	303
15°	2157	588
25°	819	385
35°	238	156
45°	56	47
55°	17	16
65°	10	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3482.3
1°	3476.5
2°	3460.7
3°	3429.0
4°	3391.5
5°	3333.9
6°	3261.9
7°	3181.3
8°	3090.6
9°	2986.9
10°	2871.7
11°	2743.5
12°	2609.5
13°	2459.8
14°	2317.2
15°	2157.3
17.5°	1769.9
20°	1404.1
22.5°	1080.1
25°	819.4
27.5°	610.6
30°	449.3
32.5°	329.8
35°	237.6
37.5°	168.5
40°	118.1
42.5°	82.1
45°	56.2
47.5°	37.4
50°	24.5
52.5°	18.7
55°	17.3
57.5°	15.8
60°	14.4
62.5°	13.0
65°	10.1
67.5°	8.6
70°	8.6
72.5°	7.2
75°	5.8
77.5°	4.3
80°	4.3
82.5°	2.9
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)