

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: P1260387

Luminaire Tested: P3AS17R359050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260387
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

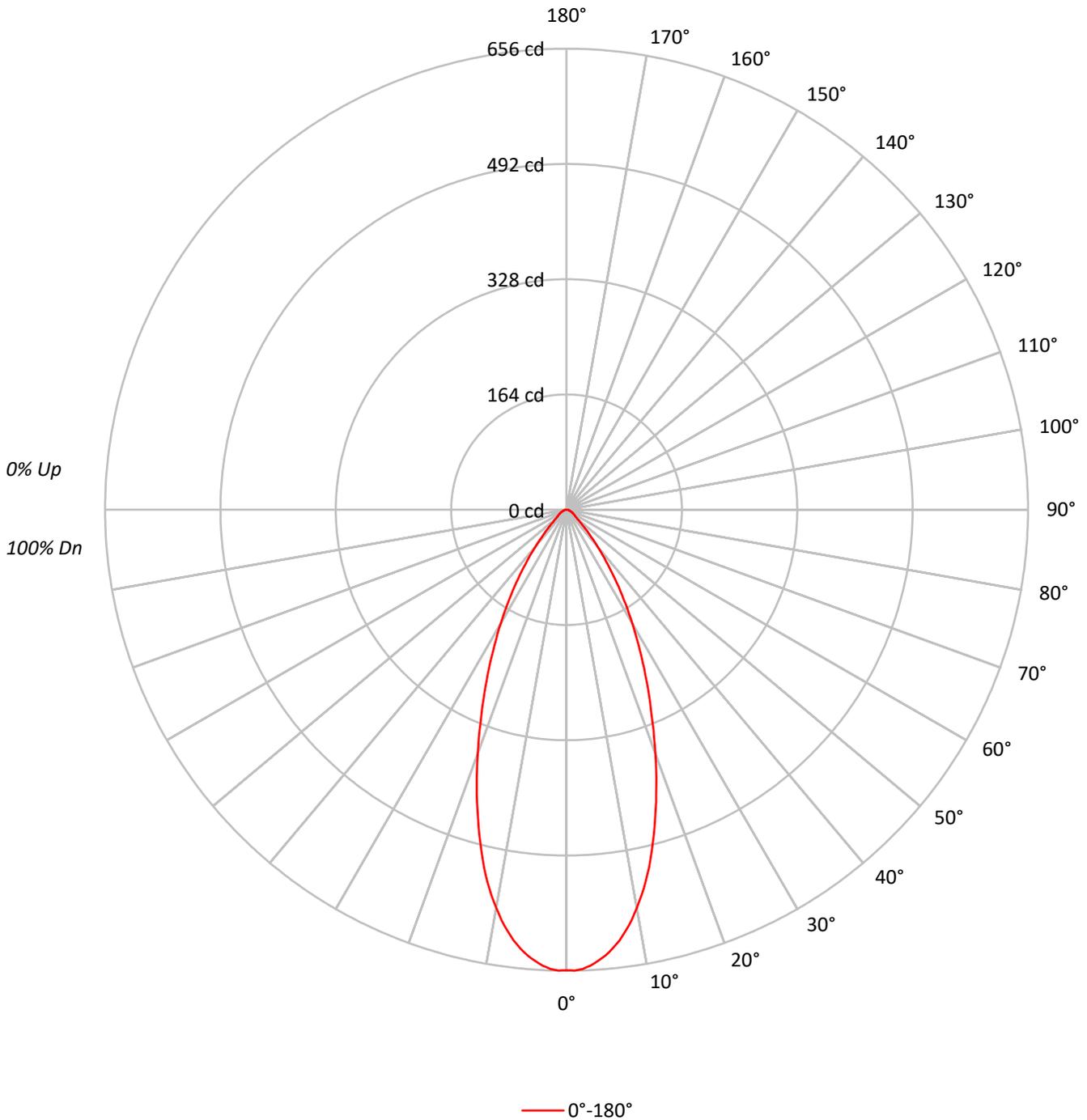
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 447.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	143673
5°	140127
10°	128121
15°	108741
20°	86084
25°	65109
30°	47400
35°	32070
40°	19694
45°	11319
50°	6823
55°	5543
60°	4824
65°	4307
70°	3526
75°	3474
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.8	13.2
10°-20°	132.1	29.5
20°-30°	123.5	27.6
30°-40°	75.6	16.9
40°-50°	29.8	6.7
50°-60°	13.1	2.9
60°-70°	8.2	1.8
70°-80°	4.3	1.0
80°-90°	1.5	0.3
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°	314.4	70.3
0°-40°	390.0	87.2
0°-60°	433.0	96.9
0°-90°	447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	655	
5°	637	59
15°	479	132
25°	269	124
35°	120	76
45°	36	30
55°	14	13
65°	8	8
75°	4	4
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	655.2
1°	655.9
2°	653.8
3°	649.7
4°	643.5
5°	636.6
6°	627.7
7°	617.4
8°	605.0
9°	591.2
10°	575.4
11°	558.9
12°	541.0
13°	521.7
14°	500.4
15°	479.0
17.5°	424.0
20°	368.9
22.5°	315.9
25°	269.1
27.5°	225.7
30°	187.2
32.5°	151.4
35°	119.8
37.5°	91.5
40°	68.8
42.5°	49.6
45°	36.5
47.5°	26.2
50°	20.0
52.5°	16.5
55°	14.5
57.5°	12.4
60°	11.0
62.5°	9.6
65°	8.3
67.5°	6.9
70°	5.5
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)