

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: P1274340

Luminaire Tested: P3AS17R259830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274340
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

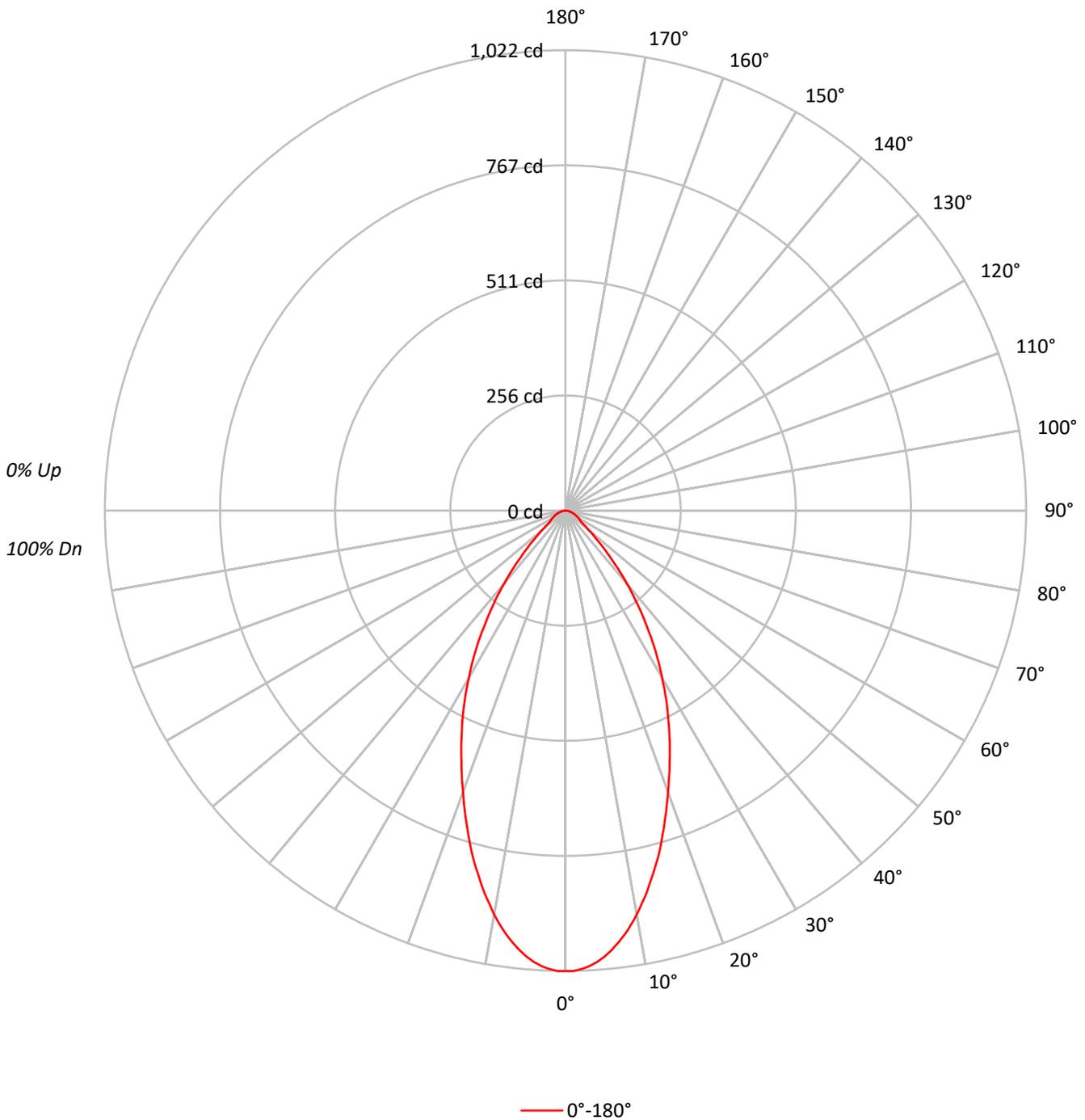
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 943.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224127
5°	218776
10°	202735
15°	180546
20°	155157
25°	131887
30°	108574
35°	84591
40°	60857
45°	38609
50°	22856
55°	15713
60°	14429
65°	13387
70°	12053
75°	10929
80°	10355
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 38609 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	9.8
10°-20°	220.8	23.4
20°-30°	249.5	26.5
30°-40°	197.3	20.9
40°-50°	99.7	10.6
50°-60°	39.9	4.2
60°-70°	25.6	2.7
70°-80°	14.1	1.5
80°-90°	4.0	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°	562.4	59.6
0°-40°	759.7	80.6
0°-60°	899.3	95.4
0°-90°	943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1022	
5°	994	92
15°	795	221
25°	545	249
35°	316	197
45°	124	100
55°	41	40
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1022.1
1°	1022.1
2°	1018.5
3°	1012.7
4°	1004.4
5°	993.9
6°	980.9
7°	965.7
8°	949.2
9°	930.4
10°	910.5
11°	888.1
12°	867.0
13°	842.3
14°	818.8
15°	795.3
17.5°	729.5
20°	664.9
22.5°	603.8
25°	545.1
27.5°	487.5
30°	428.8
32.5°	373.6
35°	316.0
37.5°	263.2
40°	212.6
42.5°	165.6
45°	124.5
47.5°	92.8
50°	67.0
52.5°	50.5
55°	41.1
57.5°	37.6
60°	32.9
62.5°	29.4
65°	25.8
67.5°	22.3
70°	18.8
72.5°	16.4
75°	12.9
77.5°	10.6
80°	8.2
82.5°	5.9
85°	3.5
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)