

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: P1247244

Luminaire Tested: P3AS17R259024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247244
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: P3AS17R259024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

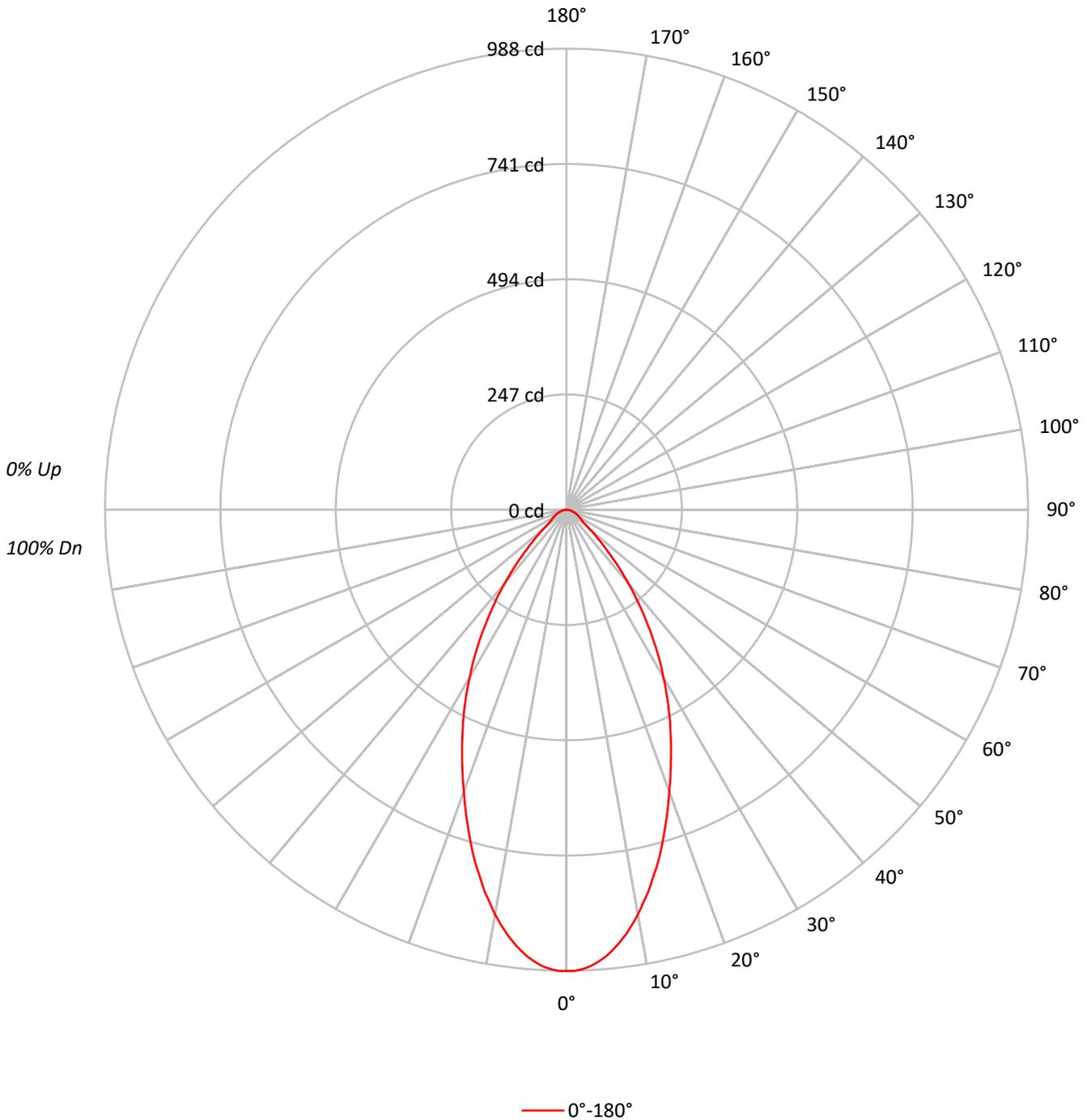
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 43.0 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): 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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76	76	76	76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70	70	70	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48	48	48	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	216759
5°	211578
10°	196055
15°	174621
20°	150070
25°	127556
30°	105003
35°	81807
40°	58853
45°	37337
50°	22106
55°	15216
60°	13946
65°	12972
70°	11669
75°	10590
80°	10102
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37337 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	9.8
10°-20°	213.5	23.4
20°-30°	241.3	26.5
30°-40°	190.8	20.9
40°-50°	96.4	10.6
50°-60°	38.6	4.2
60°-70°	24.7	2.7
70°-80°	13.6	1.5
80°-90°	3.9	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°	543.9	59.6
0°-40°	734.8	80.6
0°-60°	869.8	95.4
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	988	
5°	961	89
15°	769	214
25°	527	241
35°	306	191
45°	120	96
55°	40	39
65°	25	25
75°	12	14
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	988.5
1°	988.5
2°	985.1
3°	979.4
4°	971.4
5°	961.2
6°	948.7
7°	933.9
8°	918.0
9°	899.8
10°	880.5
11°	858.9
12°	838.5
13°	814.6
14°	791.9
15°	769.2
17.5°	705.6
20°	643.1
22.5°	584.0
25°	527.2
27.5°	471.5
30°	414.7
32.5°	361.3
35°	305.6
37.5°	254.5
40°	205.6
42.5°	160.2
45°	120.4
47.5°	89.8
50°	64.8
52.5°	48.9
55°	39.8
57.5°	36.4
60°	31.8
62.5°	28.4
65°	25.0
67.5°	21.6
70°	18.2
72.5°	15.9
75°	12.5
77.5°	10.2
80°	8.0
82.5°	5.7
85°	3.4
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)