

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: P1271985

Luminaire Tested: P3AS13R359827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

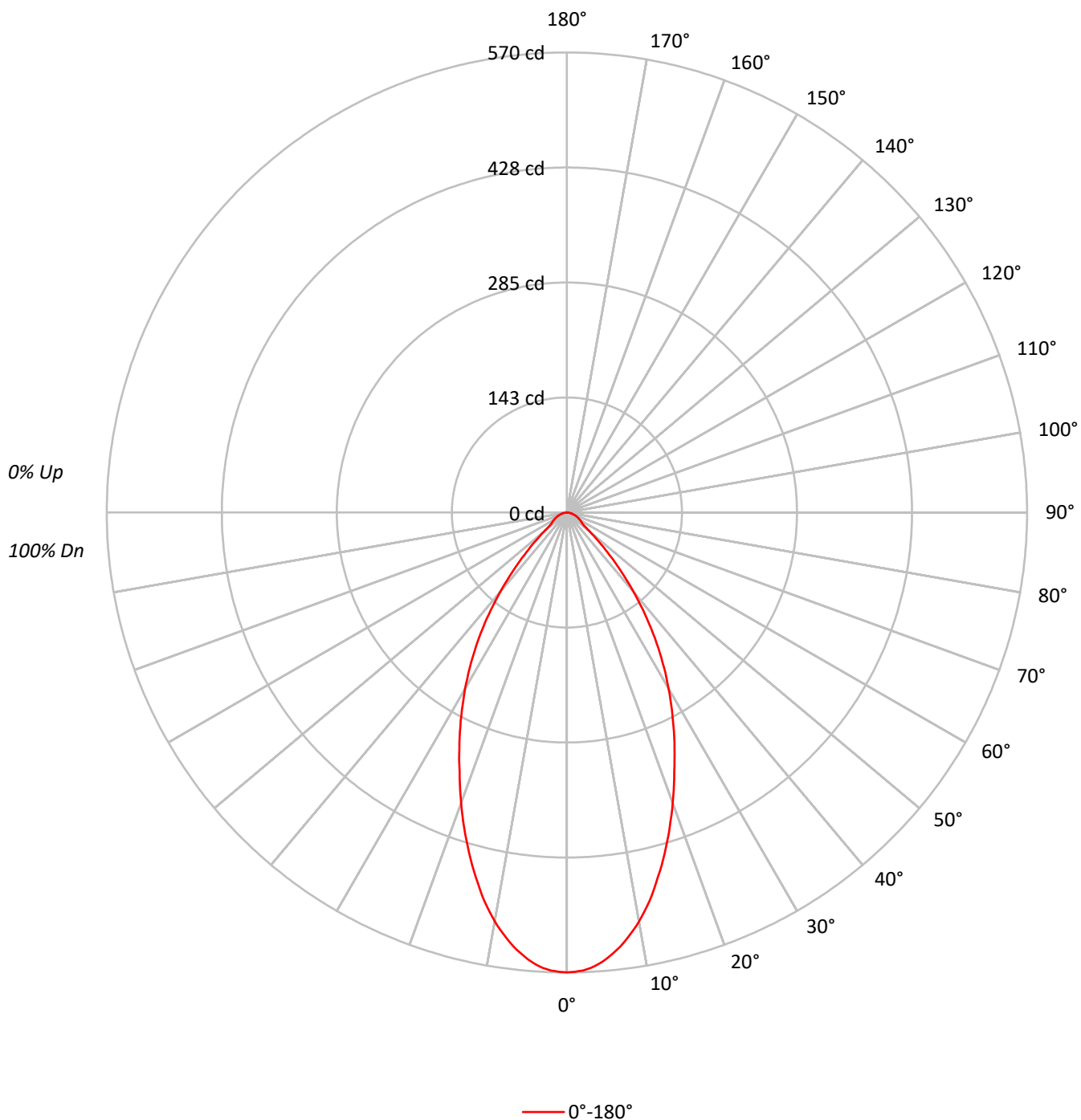
Lumens per Lamp: N/A
Luminaire Lumens: 547.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124946
5°	122298
10°	114538
15°	102816
20°	89444
25°	76214
30°	63833
35°	50835
40°	36755
45°	23258
50°	12690
55°	8793
60°	8289
65°	7731
70°	7373
75°	6270
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23258 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	9.5
10°-20°	126.0	23.0
20°-30°	144.4	26.4
30°-40°	117.8	21.5
40°-50°	59.4	10.9
50°-60°	22.1	4.0
60°-70°	14.8	2.7
70°-80°	8.2	1.5
80°-90°	2.5	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°	322.2	58.9
0°-40°	440.0	80.4
0°-60°	521.5	95.3
0°-90°	547.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	556	52
15°	453	126
25°	315	144
35°	190	118
45°	75	59
55°	23	22
65°	15	15
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	569.8
1°	569.1
2°	567.8
3°	565.1
4°	561.0
5°	555.6
6°	548.9
7°	542.1
8°	533.3
9°	524.5
10°	514.4
11°	503.6
12°	492.1
13°	479.2
14°	465.7
15°	452.9
17.5°	418.4
20°	383.3
22.5°	347.4
25°	315.0
27.5°	283.2
30°	252.1
32.5°	221.0
35°	189.9
37.5°	158.8
40°	128.4
42.5°	100.0
45°	75.0
47.5°	54.1
50°	37.2
52.5°	27.0
55°	23.0
57.5°	21.0
60°	18.9
62.5°	16.9
65°	14.9
67.5°	12.8
70°	11.5
72.5°	9.5
75°	7.4
77.5°	6.1
80°	4.7
82.5°	3.4
85°	2.0
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)