

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: P1272302

Luminaire Tested: P3AS17R309827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

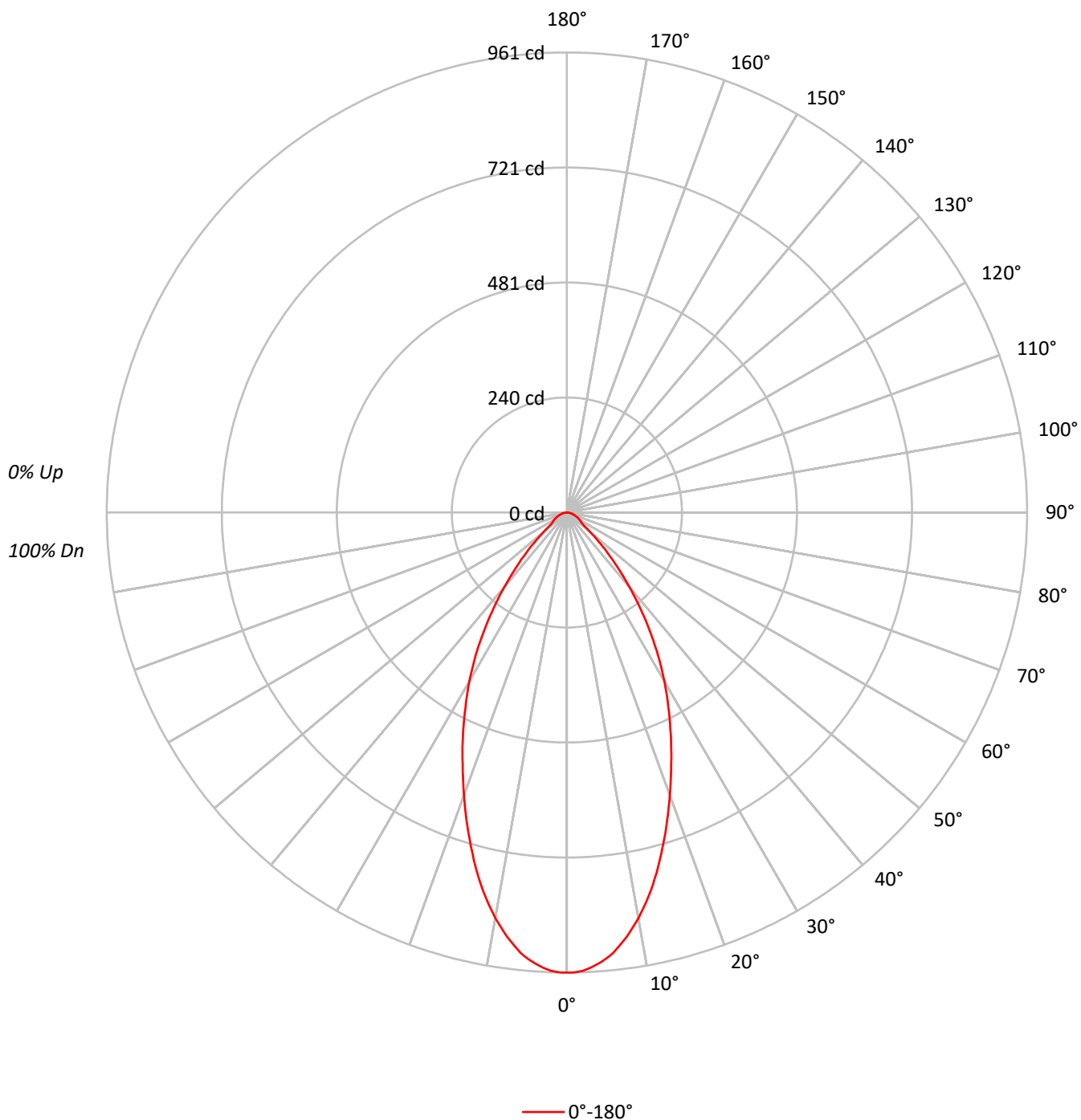
Lumens per Lamp: N/A
Luminaire Lumens: 892.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210729
5°	206009
10°	191557
15°	170466
20°	146616
25°	124217
30°	103104
35°	80870
40°	57966
45°	38019
50°	21662
55°	14222
60°	13420
65°	12505
70°	11220
75°	10167
80°	9723
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38019 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	9.7
10°-20°	208.7	23.4
20°-30°	235.3	26.4
30°-40°	187.9	21.1
40°-50°	96.5	10.8
50°-60°	36.3	4.1
60°-70°	23.8	2.7
70°-80°	12.8	1.4
80°-90°	3.7	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°	530.9	59.5
0°-40°	718.7	80.6
0°-60°	851.6	95.5
0°-90°	892.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	892.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	961	
5°	936	87
15°	751	209
25°	513	235
35°	302	188
45°	123	97
55°	37	36
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	961.0
1°	961.0
2°	957.8
3°	952.3
4°	944.6
5°	935.9
6°	924.9
7°	910.7
8°	895.4
9°	877.8
10°	860.3
11°	840.6
12°	819.8
13°	797.9
14°	775.0
15°	750.9
17.5°	689.6
20°	628.3
22.5°	569.2
25°	513.4
27.5°	458.6
30°	407.2
32.5°	354.6
35°	302.1
37.5°	250.7
40°	202.5
42.5°	159.8
45°	122.6
47.5°	90.8
50°	63.5
52.5°	44.9
55°	37.2
57.5°	33.9
60°	30.6
62.5°	27.4
65°	24.1
67.5°	20.8
70°	17.5
72.5°	14.2
75°	12.0
77.5°	9.9
80°	7.7
82.5°	5.5
85°	3.3
87.5°	1.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)