

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: P1287482

Luminaire Tested: P3AS17R309030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287482
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: P3AS17R309030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

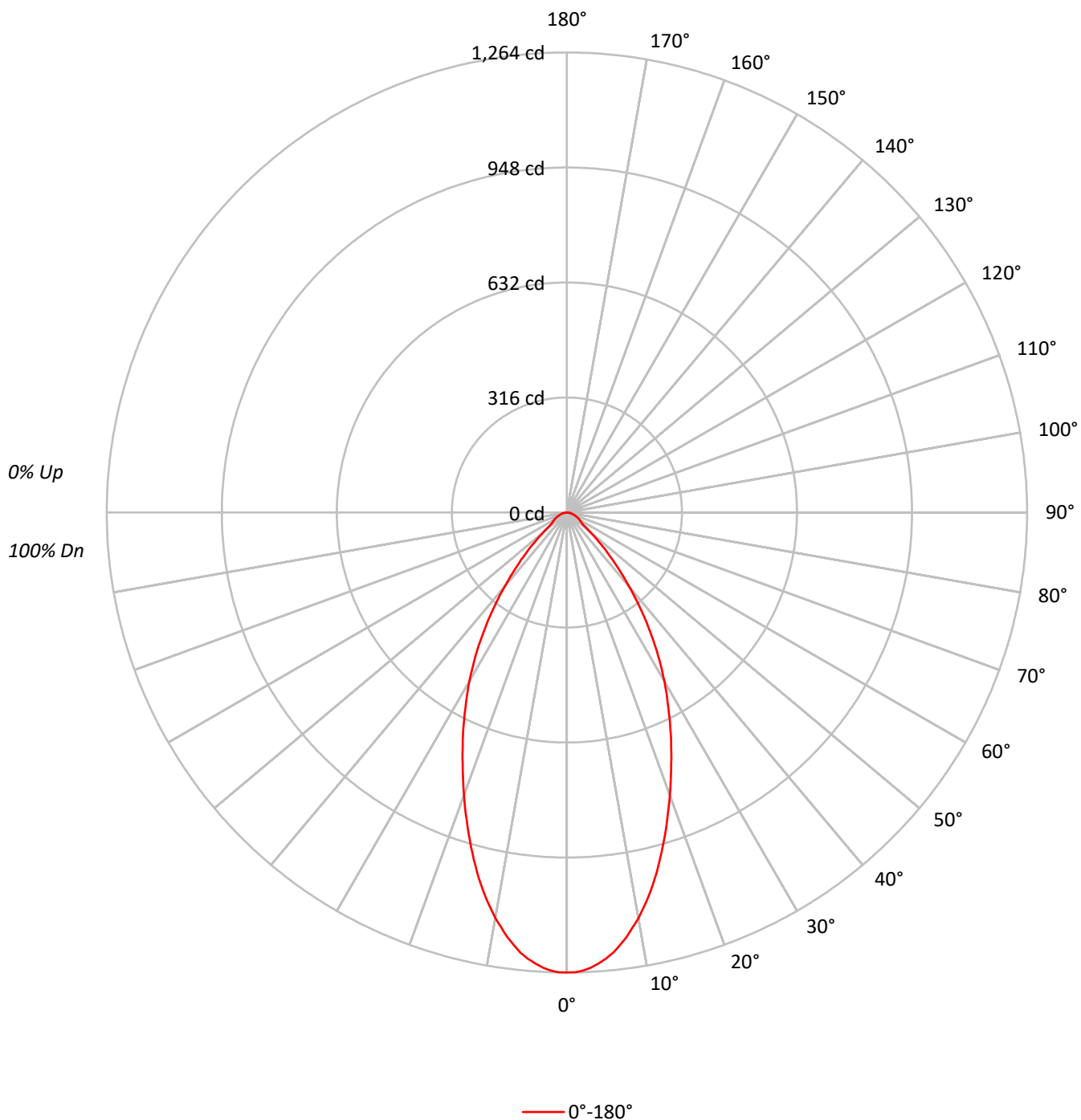
Lumens per Lamp: N/A
Luminaire Lumens: 1173.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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°	277127
5°	270900
10°	251921
15°	224156
20°	192797
25°	163340
30°	135590
35°	106354
40°	76229
45°	49990
50°	28485
55°	18695
60°	17674
65°	16448
70°	14746
75°	13386
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49990 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.3	9.7
10°-20°	274.5	23.4
20°-30°	309.4	26.4
30°-40°	247.1	21.1
40°-50°	127.0	10.8
50°-60°	47.8	4.1
60°-70°	31.3	2.7
70°-80°	16.9	1.4
80°-90°	4.9	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°	698.1	59.5
0°-40°	945.2	80.6
0°-60°	1119.9	95.5
0°-90°	1173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1264	
5°	1231	114
15°	987	274
25°	675	309
35°	397	247
45°	161	127
55°	49	48
65°	32	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1263.8
1°	1263.8
2°	1259.5
3°	1252.3
4°	1242.2
5°	1230.7
6°	1216.3
7°	1197.6
8°	1177.4
9°	1154.4
10°	1131.4
11°	1105.4
12°	1078.1
13°	1049.3
14°	1019.1
15°	987.4
17.5°	906.8
20°	826.2
22.5°	748.5
25°	675.1
27.5°	603.1
30°	535.5
32.5°	466.4
35°	397.3
37.5°	329.6
40°	266.3
42.5°	210.2
45°	161.2
47.5°	119.5
50°	83.5
52.5°	59.0
55°	48.9
57.5°	44.6
60°	40.3
62.5°	36.0
65°	31.7
67.5°	27.3
70°	23.0
72.5°	18.7
75°	15.8
77.5°	13.0
80°	10.1
82.5°	7.2
85°	4.3
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)