

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: P1247276

Luminaire Tested: P3A17R309024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247276
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: P3A17R309024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

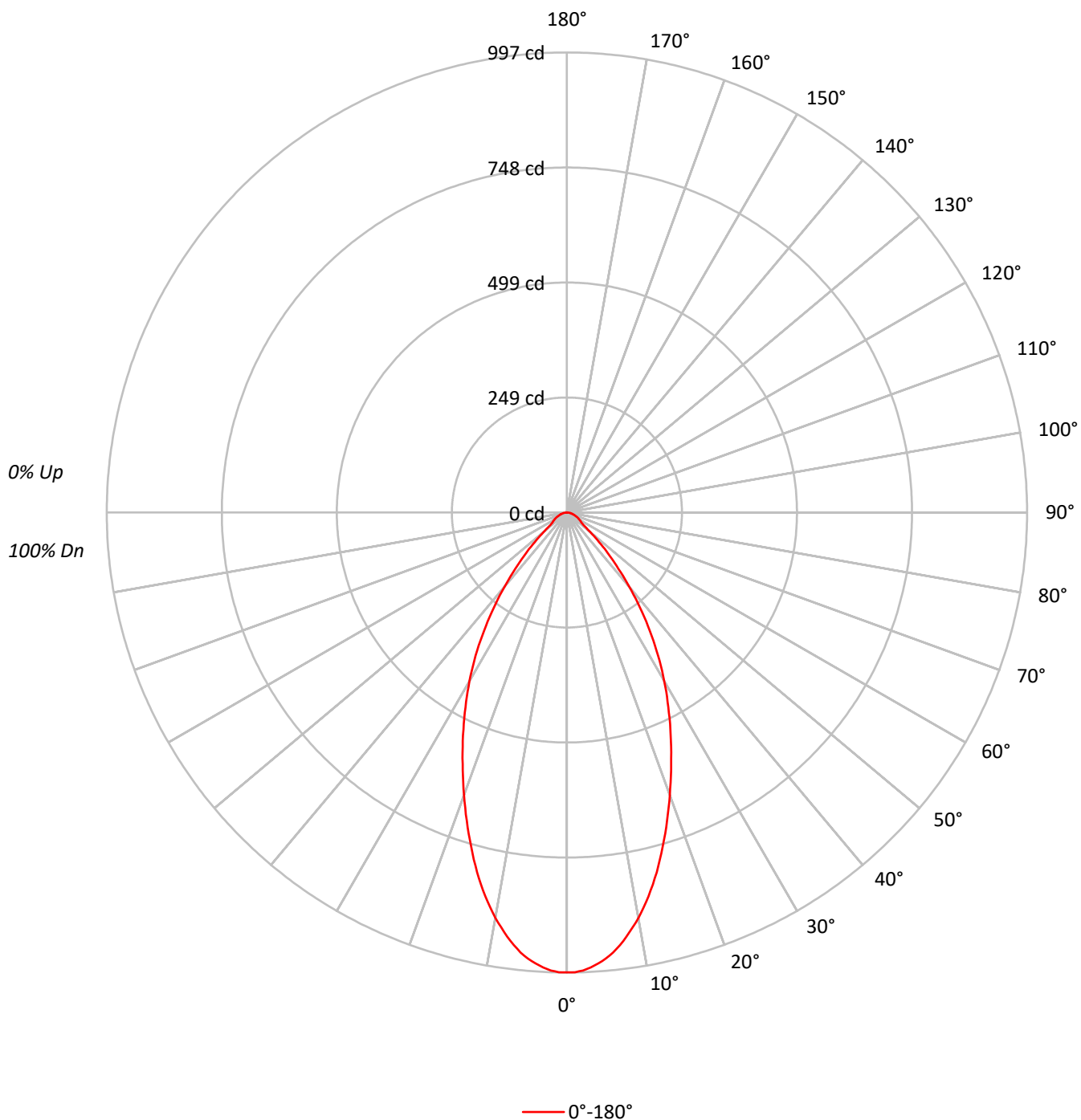
Lumens per Lamp: N/A
Luminaire Lumens: 925.0 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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°	218535
5°	213625
10°	198660
15°	176777
20°	152030
25°	128790
30°	106903
35°	83868
40°	60113
45°	39415
50°	22447
55°	14757
60°	13946
65°	12972
70°	11669
75°	10590
80°	9976
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39415 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	9.7
10°-20°	216.5	23.4
20°-30°	243.9	26.4
30°-40°	194.8	21.1
40°-50°	100.1	10.8
50°-60°	37.7	4.1
60°-70°	24.7	2.7
70°-80°	13.3	1.4
80°-90°	3.8	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°	550.5	59.5
0°-40°	745.3	80.6
0°-60°	883.1	95.5
0°-90°	925.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	925.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	997	
5°	970	90
15°	779	216
25°	532	244
35°	313	195
45°	127	100
55°	39	38
65°	25	25
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	996.6
1°	996.6
2°	993.2
3°	987.5
4°	979.6
5°	970.5
6°	959.1
7°	944.4
8°	928.5
9°	910.3
10°	892.2
11°	871.7
12°	850.2
13°	827.5
14°	803.6
15°	778.7
17.5°	715.1
20°	651.5
22.5°	590.2
25°	532.3
27.5°	475.6
30°	422.2
32.5°	367.8
35°	313.3
37.5°	259.9
40°	210.0
42.5°	165.7
45°	127.1
47.5°	94.2
50°	65.8
52.5°	46.5
55°	38.6
57.5°	35.2
60°	31.8
62.5°	28.4
65°	25.0
67.5°	21.6
70°	18.2
72.5°	14.8
75°	12.5
77.5°	10.2
80°	7.9
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)