

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: P1263095

Luminaire Tested: P3A17R409727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263095
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R409727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

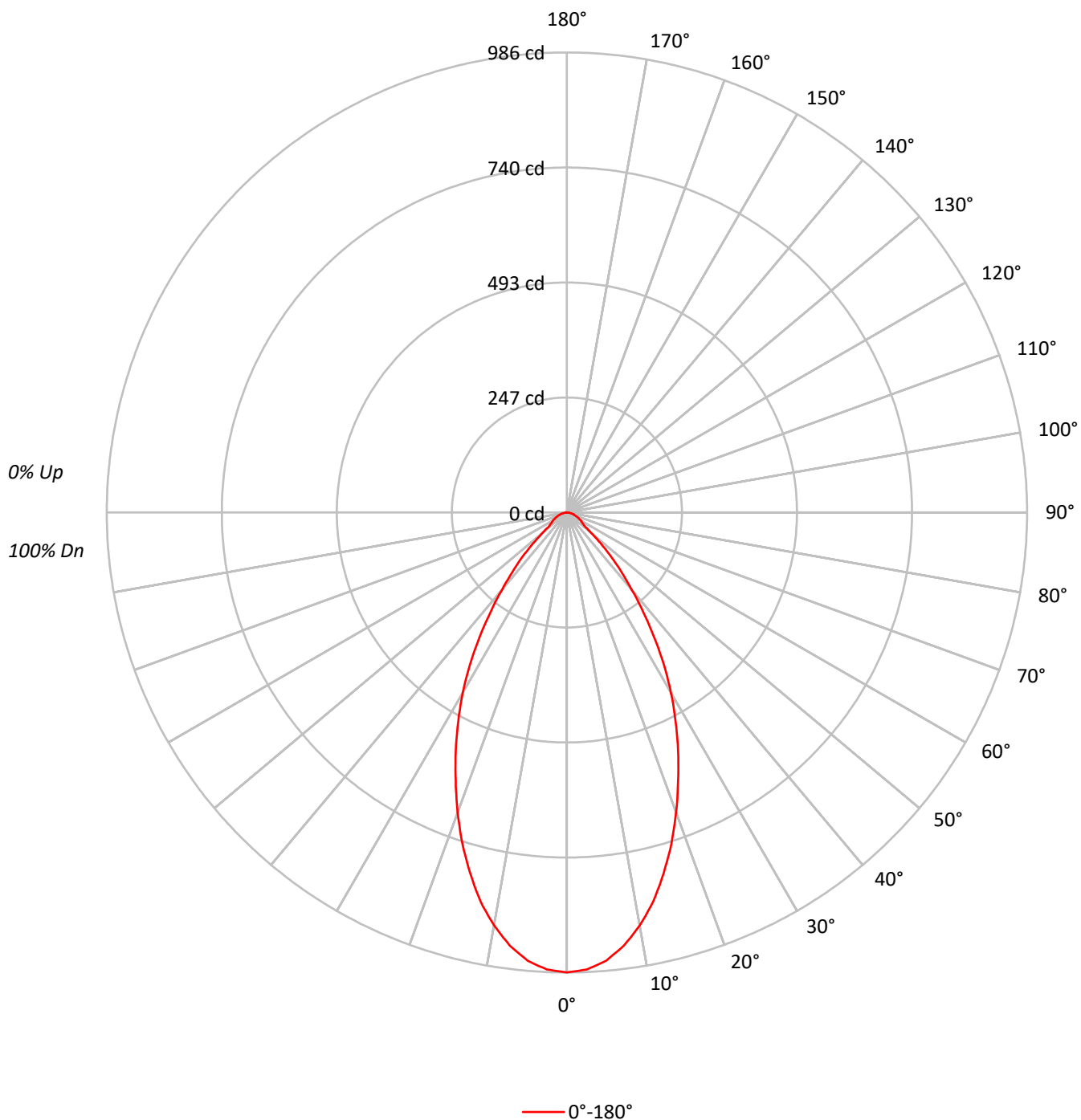
Lumens per Lamp: N/A
Luminaire Lumens: 963.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	216167
5°	212260
10°	200085
15°	181726
20°	159661
25°	136339
30°	112929
35°	87107
40°	62002
45°	41772
50°	22788
55°	16057
60°	15130
65°	13957
70°	12438
75°	11861
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41772 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.9	9.3
10°-20°	223.0	23.2
20°-30°	257.8	26.8
30°-40°	203.2	21.1
40°-50°	104.3	10.8
50°-60°	39.9	4.1
60°-70°	26.4	2.7
70°-80°	14.4	1.5
80°-90°	4.3	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°	570.7	59.3
0°-40°	773.9	80.4
0°-60°	918.0	95.3
0°-90°	963.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	963.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	986	
5°	964	90
15°	800	223
25°	564	258
35°	325	203
45°	135	104
55°	42	40
65°	27	26
75°	14	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	985.8
2.5°	980.4
5°	964.3
7.5°	936.3
10°	898.6
12.5°	854.4
15°	800.5
17.5°	744.5
20°	684.2
22.5°	622.7
25°	563.5
27.5°	504.2
30°	446.0
32.5°	386.8
35°	325.4
37.5°	268.3
40°	216.6
42.5°	172.4
45°	134.7
47.5°	98.0
50°	66.8
52.5°	48.5
55°	42.0
57.5°	37.7
60°	34.5
62.5°	30.2
65°	26.9
67.5°	22.6
70°	19.4
72.5°	16.2
75°	14.0
77.5°	10.8
80°	7.5
82.5°	6.5
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)