

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: P1265474

Luminaire Tested: P3A17R409730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265474
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: P3A17R409730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

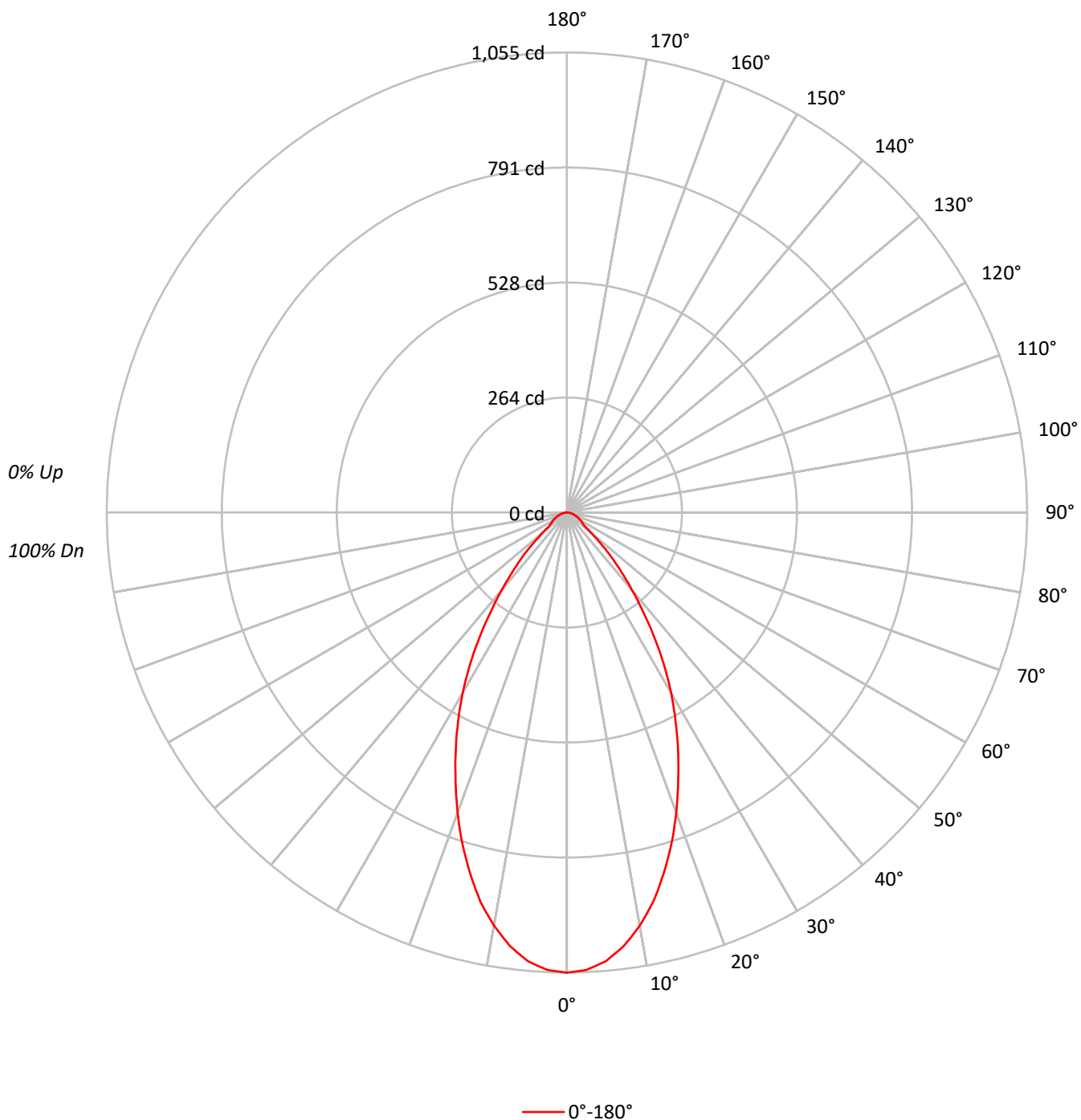
Lumens per Lamp: N/A
Luminaire Lumens: 1031.0 lumens
Efficiency: N/A
Efficacy: 48.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	231429
5°	227250
10°	214202
15°	194553
20°	170932
25°	145968
30°	120905
35°	93264
40°	66382
45°	44718
50°	24392
55°	17204
60°	16183
65°	14943
70°	13336
75°	12709
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44718 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.3	9.3
10°-20°	238.7	23.2
20°-30°	276.0	26.8
30°-40°	217.5	21.1
40°-50°	111.7	10.8
50°-60°	42.7	4.1
60°-70°	28.2	2.7
70°-80°	15.4	1.5
80°-90°	4.6	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°	611.0	59.3
0°-40°	828.5	80.4
0°-60°	982.9	95.3
0°-90°	1031.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1031.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1055	
5°	1032	96
15°	857	239
25°	603	276
35°	348	218
45°	144	112
55°	45	43
65°	29	28
75°	15	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1055.4
2.5°	1049.7
5°	1032.4
7.5°	1002.4
10°	962.0
12.5°	914.7
15°	857.0
17.5°	797.1
20°	732.5
22.5°	666.7
25°	603.3
27.5°	539.8
30°	477.5
32.5°	414.1
35°	348.4
37.5°	287.2
40°	231.9
42.5°	184.6
45°	144.2
47.5°	105.0
50°	71.5
52.5°	51.9
55°	45.0
57.5°	40.4
60°	36.9
62.5°	32.3
65°	28.8
67.5°	24.2
70°	20.8
72.5°	17.3
75°	15.0
77.5°	11.5
80°	8.1
82.5°	6.9
85°	3.5
87.5°	2.3
90°	0.0

(END OF REPORT)