

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: P1262750

Luminaire Tested: P3A13R409727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262750
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: P3A13R409727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

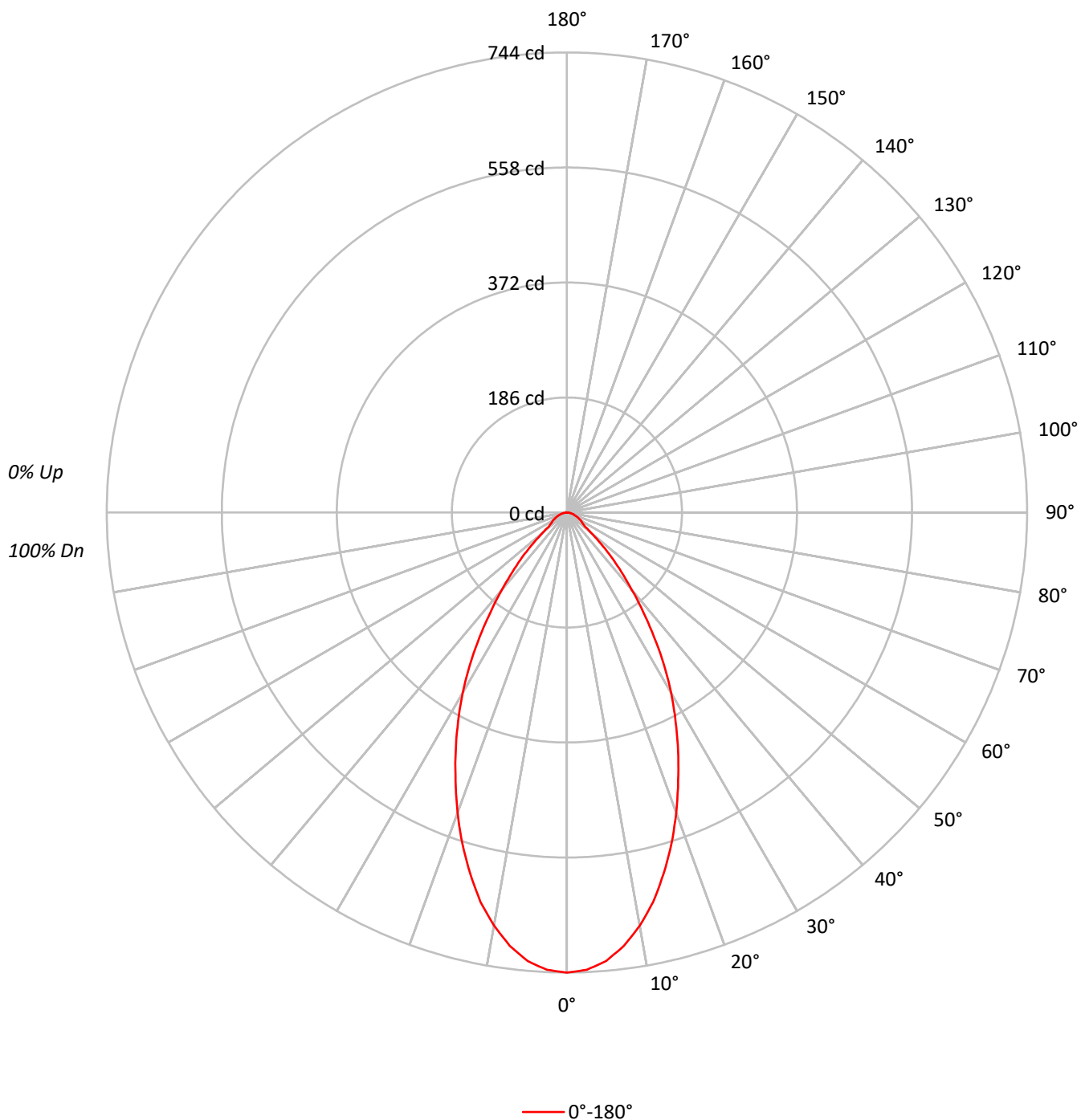
Lumens per Lamp: N/A
Luminaire Lumens: 727.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	58	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°	163189
5°	160246
10°	151055
15°	137186
20°	120527
25°	102925
30°	85254
35°	65745
40°	46802
45°	31538
50°	17193
55°	12119
60°	11403
65°	10533
70°	9361
75°	8981
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31538 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	9.3
10°-20°	168.3	23.2
20°-30°	194.6	26.8
30°-40°	153.4	21.1
40°-50°	78.7	10.8
50°-60°	30.1	4.1
60°-70°	19.9	2.7
70°-80°	10.8	1.5
80°-90°	3.2	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°	430.8	59.3
0°-40°	584.2	80.4
0°-60°	693.0	95.3
0°-90°	727.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	727.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	744	
5°	728	68
15°	604	168
25°	425	195
35°	246	153
45°	102	79
55°	32	30
65°	20	20
75°	11	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	744.2
2.5°	740.2
5°	728.0
7.5°	706.8
10°	678.4
12.5°	645.0
15°	604.3
17.5°	562.0
20°	516.5
22.5°	470.1
25°	425.4
27.5°	380.7
30°	336.7
32.5°	292.0
35°	245.6
37.5°	202.5
40°	163.5
42.5°	130.1
45°	101.7
47.5°	74.0
50°	50.4
52.5°	36.6
55°	31.7
57.5°	28.5
60°	26.0
62.5°	22.8
65°	20.3
67.5°	17.1
70°	14.6
72.5°	12.2
75°	10.6
77.5°	8.1
80°	5.7
82.5°	4.9
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)