

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: P1262631

Luminaire Tested: P3A13R209727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262631
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R209727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

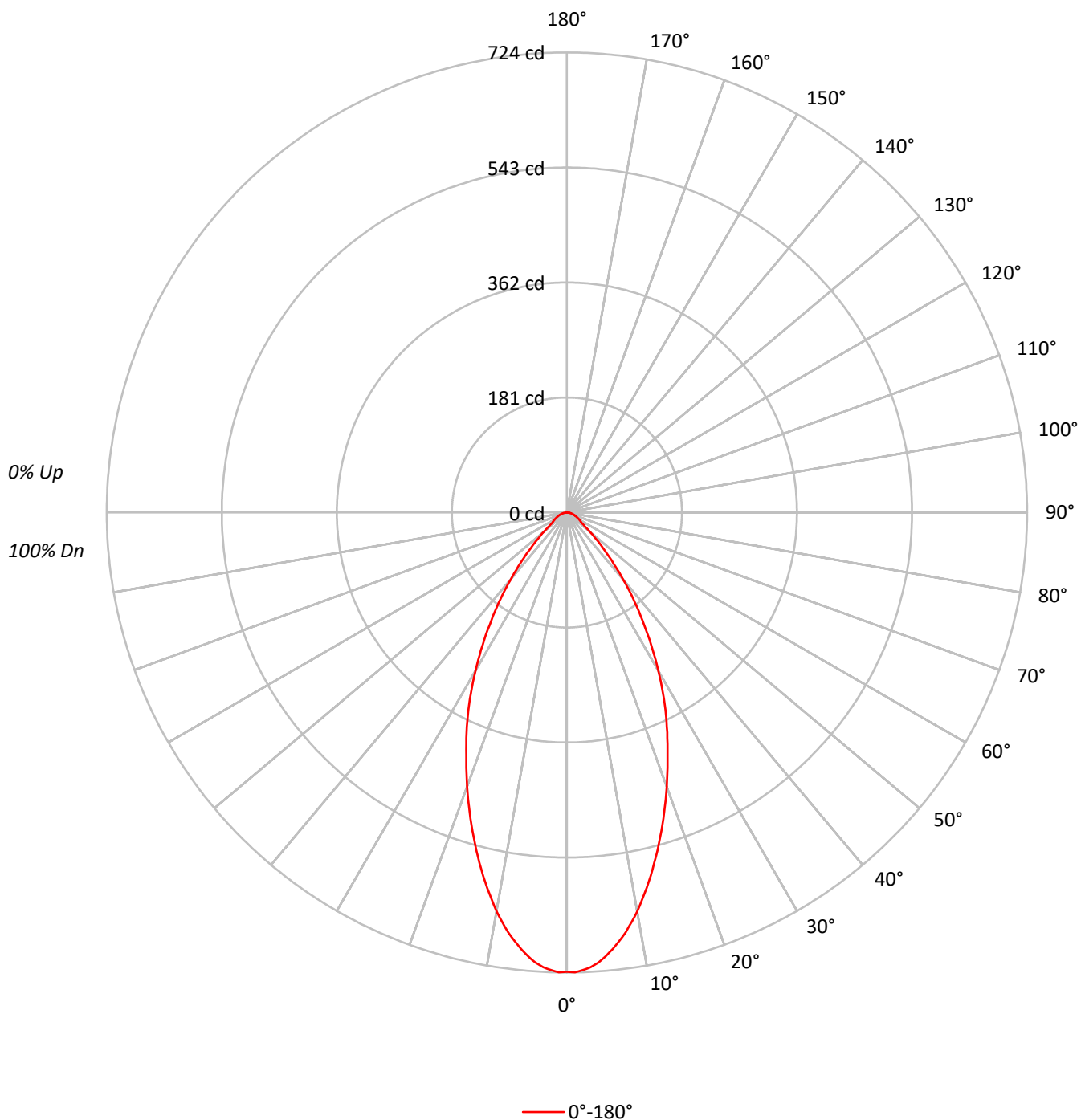
Lumens per Lamp: N/A
Luminaire Lumens: 641.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	158562
5°	154325
10°	141970
15°	124950
20°	107156
25°	90029
30°	72771
35°	55359
40°	39388
45°	26018
50°	16102
55°	10590
60°	9648
65°	8873
70°	8335
75°	7625
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26018 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.9	10.1
10°-20°	153.2	23.9
20°-30°	170.1	26.5
30°-40°	129.7	20.2
40°-50°	66.4	10.4
50°-60°	27.3	4.3
60°-70°	17.0	2.7
70°-80°	9.6	1.5
80°-90°	2.8	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°	388.2	60.6
0°-40°	517.9	80.8
0°-60°	611.6	95.4
0°-90°	641.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	641.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	723	
5°	701	65
15°	550	153
25°	372	170
35°	207	130
45°	84	66
55°	28	27
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	723.1
1°	723.9
2°	720.6
3°	716.5
4°	710.0
5°	701.1
6°	690.5
7°	679.1
8°	666.9
9°	652.2
10°	637.6
12.5°	595.2
15°	550.4
17.5°	504.8
20°	459.2
22.5°	413.6
25°	372.1
27.5°	330.6
30°	287.4
32.5°	246.7
35°	206.8
37.5°	171.8
40°	137.6
42.5°	108.3
45°	83.9
47.5°	63.5
50°	47.2
52.5°	35.0
55°	27.7
57.5°	25.2
60°	22.0
62.5°	19.5
65°	17.1
67.5°	14.7
70°	13.0
72.5°	10.6
75°	9.0
77.5°	7.3
80°	5.7
82.5°	4.1
85°	2.4
87.5°	0.8
90°	0.0

(END OF REPORT)