

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: P1262690

Luminaire Tested: P3A13R309727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262690
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: P3A13R309727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

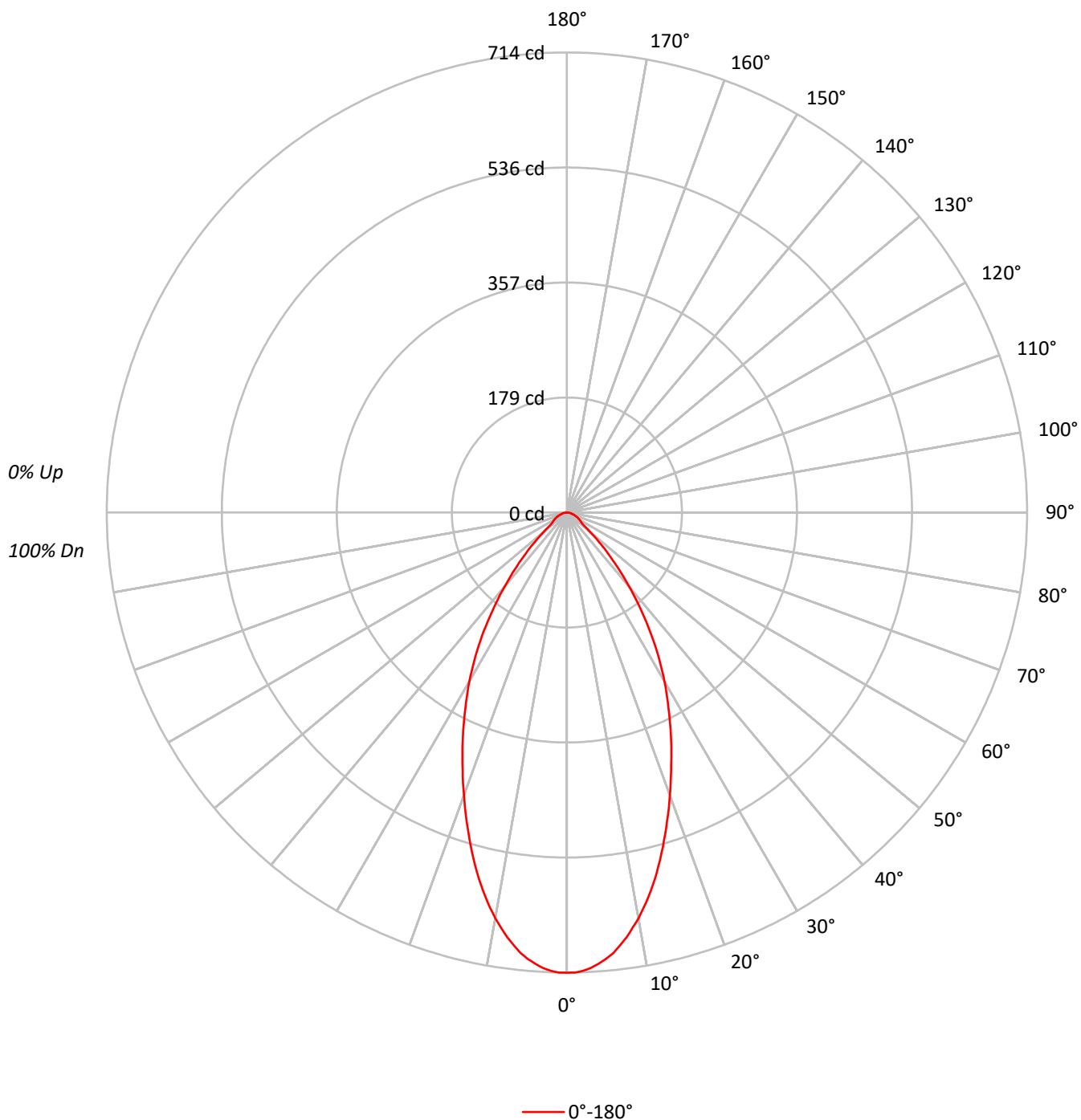
Lumens per Lamp: N/A
Luminaire Lumens: 663.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	156632
5°	153114
10°	142393
15°	126698
20°	108976
25°	92328
30°	76619
35°	60097
40°	43081
45°	28251
50°	16102
55°	10590
60°	9999
65°	9288
70°	8335
75°	7540
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28251 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	9.7
10°-20°	155.1	23.4
20°-30°	174.9	26.4
30°-40°	139.6	21.1
40°-50°	71.8	10.8
50°-60°	27.0	4.1
60°-70°	17.7	2.7
70°-80°	9.5	1.4
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°	394.6	59.5
0°-40°	534.2	80.6
0°-60°	633.0	95.5
0°-90°	663.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	663.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	714	
5°	696	65
15°	558	155
25°	382	175
35°	224	140
45°	91	72
55°	28	27
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	714.3
1°	714.3
2°	711.9
3°	707.8
4°	702.1
5°	695.6
6°	687.5
7°	676.9
8°	665.5
9°	652.5
10°	639.5
11°	624.8
12°	609.4
13°	593.1
14°	576.0
15°	558.1
17.5°	512.5
20°	467.0
22.5°	423.1
25°	381.6
27.5°	340.9
30°	302.6
32.5°	263.6
35°	224.5
37.5°	186.3
40°	150.5
42.5°	118.8
45°	91.1
47.5°	67.5
50°	47.2
52.5°	33.4
55°	27.7
57.5°	25.2
60°	22.8
62.5°	20.3
65°	17.9
67.5°	15.5
70°	13.0
72.5°	10.6
75°	8.9
77.5°	7.3
80°	5.7
82.5°	4.1
85°	2.4
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)