

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: P1274026

Luminaire Tested: P3A13R309830DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274026
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: P3A13R309830DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

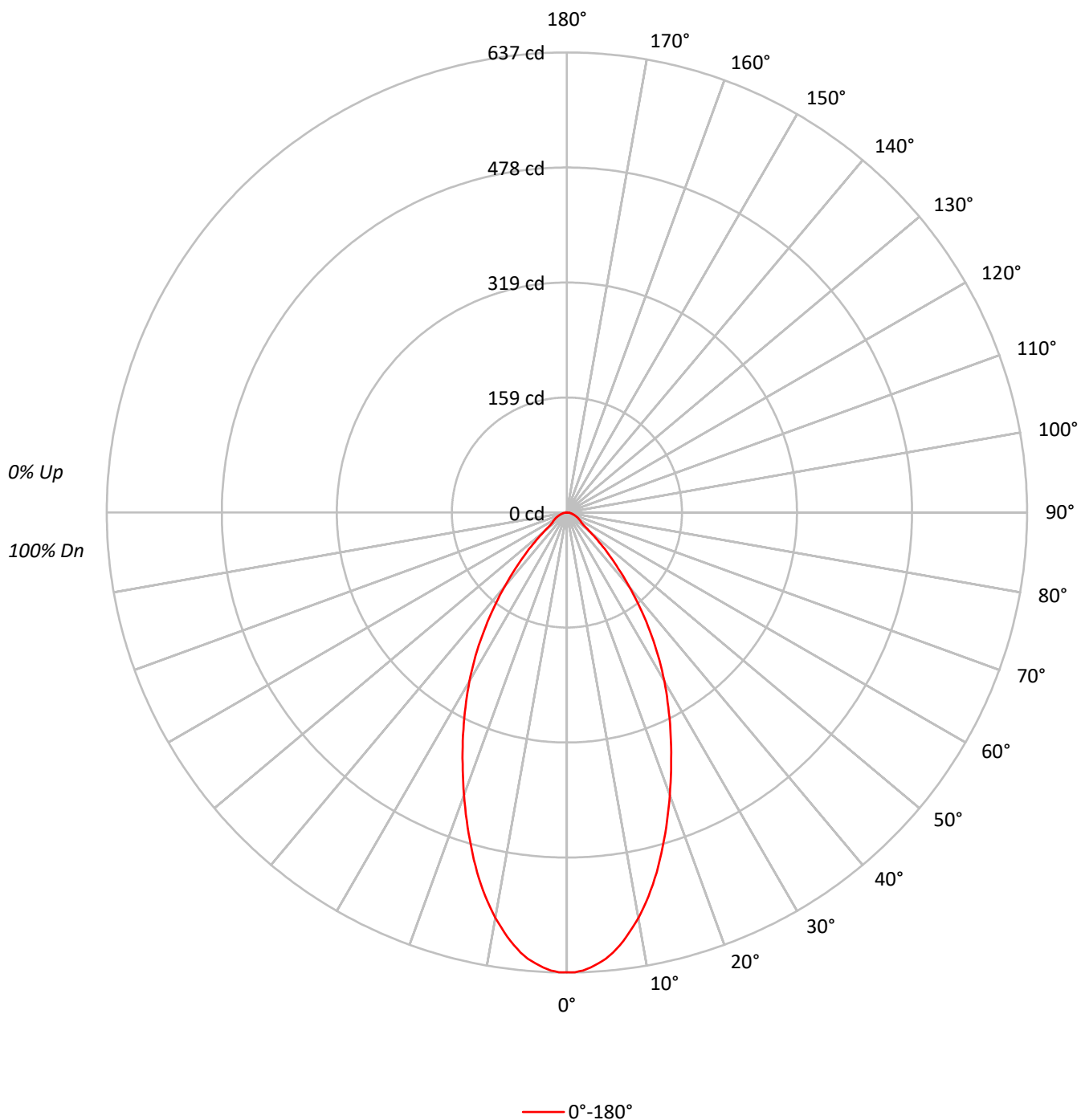
Lumens per Lamp: N/A
Luminaire Lumens: 591.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	139616
5°	136495
10°	126918
15°	112940
20°	97145
25°	82287
30°	68314
35°	53592
40°	38415
45°	25181
50°	14362
55°	9443
60°	8903
65°	8302
70°	7437
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25181 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	9.7
10°-20°	138.3	23.4
20°-30°	155.9	26.4
30°-40°	124.5	21.1
40°-50°	64.0	10.8
50°-60°	24.1	4.1
60°-70°	15.8	2.7
70°-80°	8.5	1.4
80°-90°	2.5	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°	351.7	59.5
0°-40°	476.2	80.6
0°-60°	564.3	95.5
0°-90°	591.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	591.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	637	
5°	620	58
15°	498	138
25°	340	156
35°	200	124
45°	81	64
55°	25	24
65°	16	16
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	636.7
1°	636.7
2°	634.6
3°	630.9
4°	625.9
5°	620.1
6°	612.8
7°	603.4
8°	593.2
9°	581.6
10°	570.0
11°	557.0
12°	543.2
13°	528.7
14°	513.5
15°	497.5
17.5°	456.9
20°	416.3
22.5°	377.1
25°	340.1
27.5°	303.9
30°	269.8
32.5°	235.0
35°	200.2
37.5°	166.1
40°	134.2
42.5°	105.9
45°	81.2
47.5°	60.2
50°	42.1
52.5°	29.7
55°	24.7
57.5°	22.5
60°	20.3
62.5°	18.1
65°	16.0
67.5°	13.8
70°	11.6
72.5°	9.4
75°	8.0
77.5°	6.5
80°	5.1
82.5°	3.6
85°	2.2
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)