

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: P1262657

Luminaire Tested: P3A13R259727DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262657
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259727DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

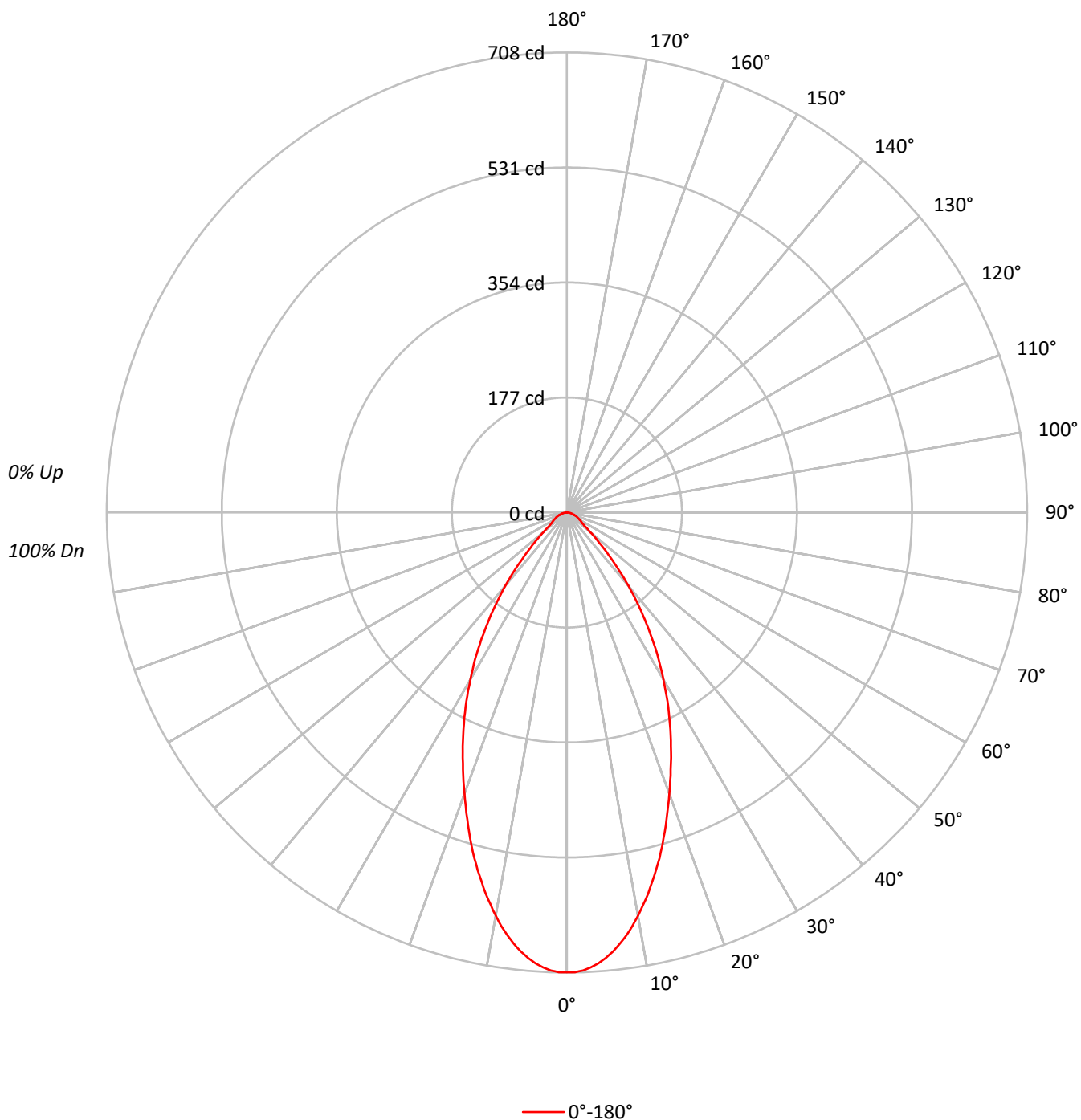
Lumens per Lamp: N/A
Luminaire Lumens: 653.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		83
4	94	85	79	74	92	84	78	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°	155185
5°	151485
10°	140389
15°	125018
20°	107436
25°	91336
30°	75176
35°	58571
40°	42136
45°	26731
50°	15829
55°	10896
60°	9999
65°	9288
70°	8335
75°	7540
80°	7198
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	9.8
10°-20°	152.9	23.4
20°-30°	172.7	26.5
30°-40°	136.6	20.9
40°-50°	69.0	10.6
50°-60°	27.7	4.2
60°-70°	17.7	2.7
70°-80°	9.7	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°	389.5	59.6
0°-40°	526.1	80.6
0°-60°	622.8	95.4
0°-90°	653.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	653.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	708	
5°	688	64
15°	551	153
25°	378	173
35°	219	137
45°	86	69
55°	28	28
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	707.7
1°	707.7
2°	705.3
3°	701.2
4°	695.5
5°	688.2
6°	679.3
7°	668.7
8°	657.3
9°	644.3
10°	630.5
11°	615.0
12°	600.4
13°	583.3
14°	567.0
15°	550.7
17.5°	505.2
20°	460.4
22.5°	418.1
25°	377.5
27.5°	337.6
30°	296.9
32.5°	258.7
35°	218.8
37.5°	182.2
40°	147.2
42.5°	114.7
45°	86.2
47.5°	64.3
50°	46.4
52.5°	35.0
55°	28.5
57.5°	26.0
60°	22.8
62.5°	20.3
65°	17.9
67.5°	15.5
70°	13.0
72.5°	11.4
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)