

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: P1246838

Luminaire Tested: P3A13R209024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246838
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: P3A13R209024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

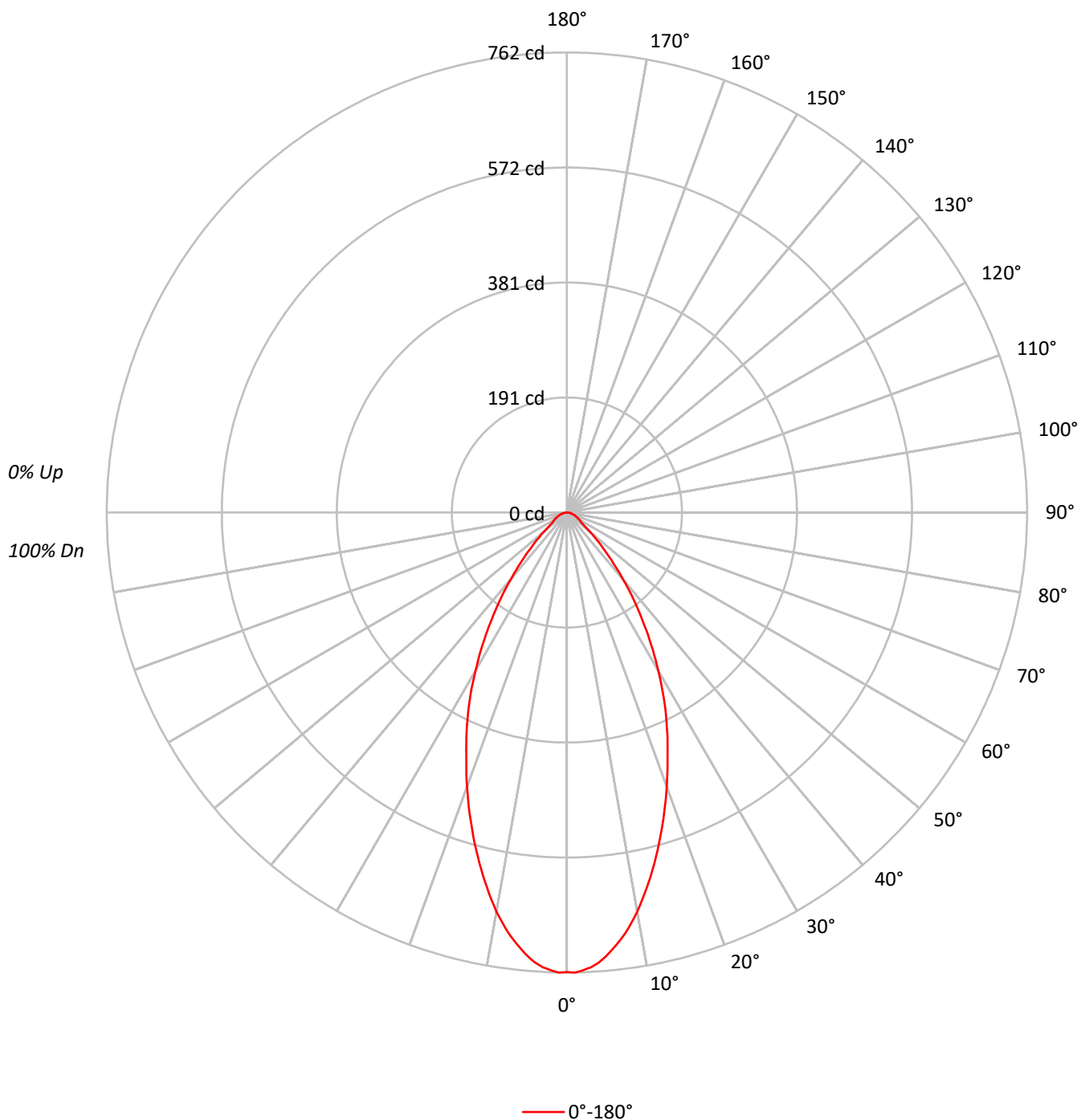
Lumens per Lamp: N/A
Luminaire Lumens: 675.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166960
5°	162513
10°	149496
15°	131579
20°	112850
25°	94796
30°	76645
35°	58303
40°	41478
45°	27383
50°	16955
55°	11163
60°	10175
65°	9340
70°	8784
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27383 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.3	10.1
10°-20°	161.4	23.9
20°-30°	179.1	26.5
30°-40°	136.6	20.2
40°-50°	70.0	10.4
50°-60°	28.8	4.3
60°-70°	17.9	2.7
70°-80°	10.0	1.5
80°-90°	2.9	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°	408.8	60.6
0°-40°	545.4	80.8
0°-60°	644.1	95.4
0°-90°	675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	761	
5°	738	68
15°	580	161
25°	392	179
35°	218	137
45°	88	70
55°	29	29
65°	18	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	761.4
1°	762.3
2°	758.8
3°	754.5
4°	747.7
5°	738.3
6°	727.1
7°	715.1
8°	702.2
9°	686.8
10°	671.4
12.5°	626.8
15°	579.6
17.5°	531.6
20°	483.6
22.5°	435.6
25°	391.8
27.5°	348.1
30°	302.7
32.5°	259.8
35°	217.8
37.5°	180.9
40°	144.9
42.5°	114.0
45°	88.3
47.5°	66.9
50°	49.7
52.5°	36.9
55°	29.2
57.5°	26.6
60°	23.2
62.5°	20.6
65°	18.0
67.5°	15.4
70°	13.7
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)