

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: P1246658

Luminaire Tested: P3A09R609024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246658
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

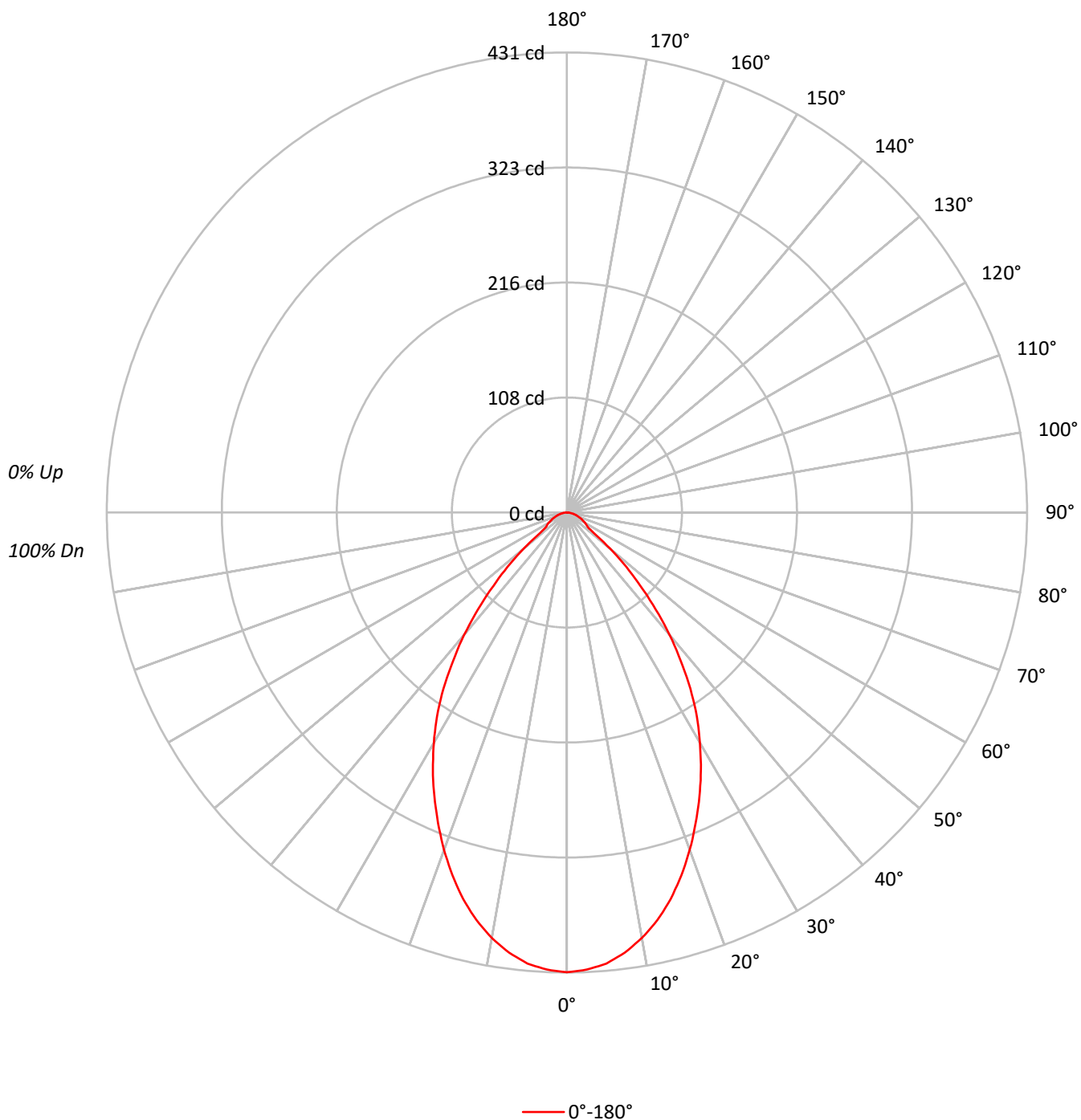
Lumens per Lamp: N/A
Luminaire Lumens: 532.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94444
5°	93374
10°	90134
15°	85154
20°	78500
25°	71085
30°	63098
35°	53940
40°	42880
45°	30236
50°	18046
55°	9137
60°	8771
65°	8042
70°	7437
75°	7117
80°	6566
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30236 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.9	7.5
10°-20°	104.8	19.7
20°-30°	134.6	25.3
30°-40°	124.8	23.5
40°-50°	76.0	14.3
50°-60°	25.3	4.8
60°-70°	15.4	2.9
70°-80°	8.7	1.6
80°-90°	2.4	0.5
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°	279.3	52.5
0°-40°	404.1	76.0
0°-60°	505.4	95.0
0°-90°	532.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	532.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	431	
5°	424	40
15°	375	105
25°	294	135
35°	202	125
45°	98	76
55°	24	25
65°	16	15
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	430.7
2.5°	428.7
5°	424.2
7.5°	415.8
10°	404.8
12.5°	391.3
15°	375.1
17.5°	356.4
20°	336.4
22.5°	315.1
25°	293.8
27.5°	271.8
30°	249.2
32.5°	226.6
35°	201.5
37.5°	175.0
40°	149.8
42.5°	123.3
45°	97.5
47.5°	75.5
50°	52.9
52.5°	31.6
55°	23.9
57.5°	22.0
60°	20.0
62.5°	17.4
65°	15.5
67.5°	13.6
70°	11.6
72.5°	9.7
75°	8.4
77.5°	6.5
80°	5.2
82.5°	3.2
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)