

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: P1245697

Luminaire Tested: P3A02R309024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245697
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: P3A02R309024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

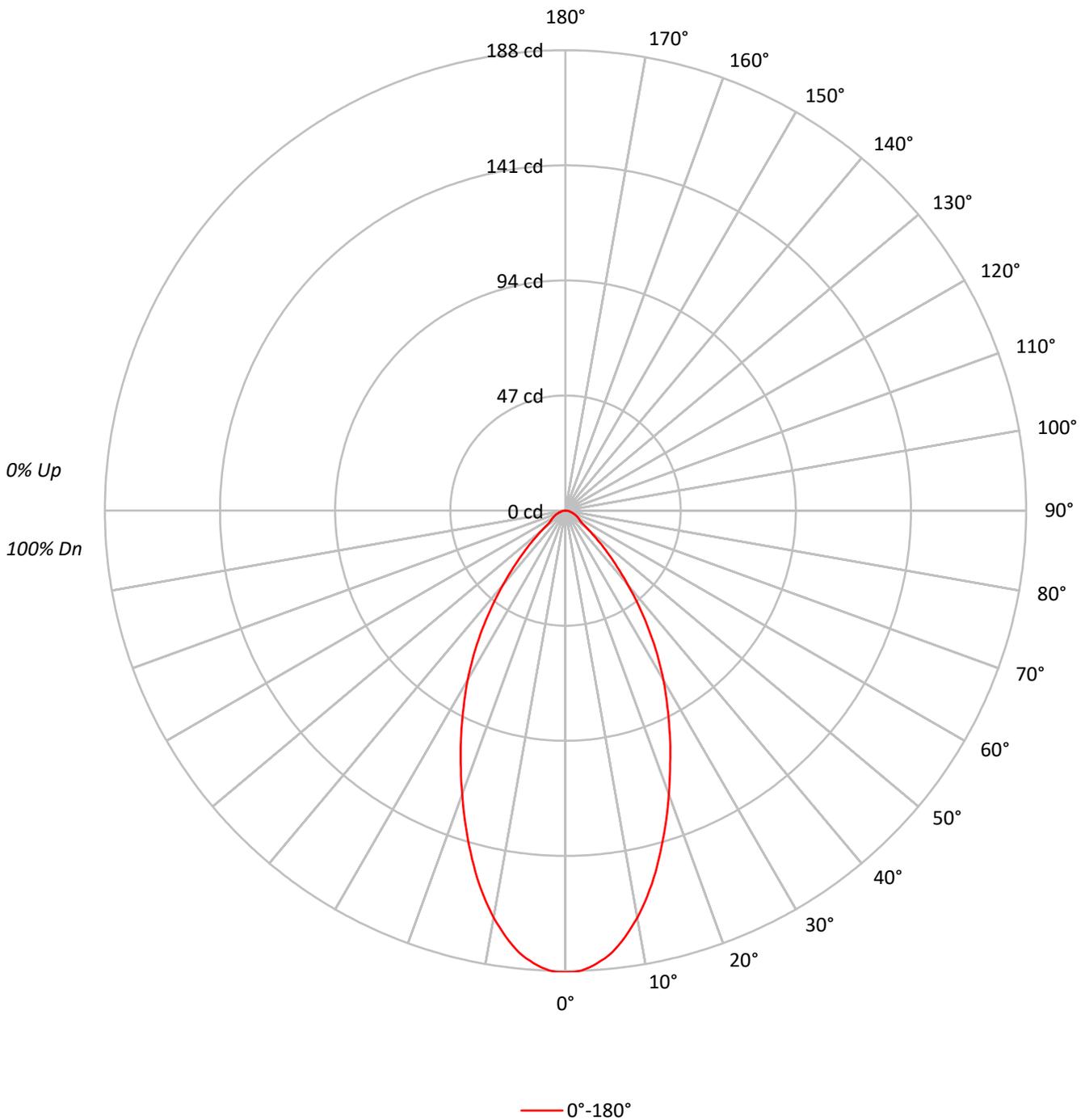
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 175.0 lumens
Efficiency: N/A
Efficacy: 48.6 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): 3.6
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

TEST NUMBER: P1245697
CATALOG NUMBER: P3A02R309024DE010 E3DLD1LI

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100				100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76				76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41334
5°	40414
10°	37586
15°	33439
20°	28773
25°	24364
30°	20231
35°	15874
40°	11364
45°	7474
50°	4264
55°	2791
60°	2631
65°	2439
70°	2180
75°	2033
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7474 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	9.7
10°-20°	41.0	23.4
20°-30°	46.2	26.4
30°-40°	36.9	21.1
40°-50°	19.0	10.8
50°-60°	7.1	4.1
60°-70°	4.7	2.7
70°-80°	2.5	1.4
80°-90°	0.7	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°	104.2	59.5
0°-40°	141.0	80.6
0°-60°	167.1	95.5
0°-90°	175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	175.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	188	
5°	184	17
15°	147	41
25°	101	46
35°	59	37
45°	24	19
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	188.5
1°	188.5
2°	187.9
3°	186.8
4°	185.3
5°	183.6
6°	181.5
7°	178.7
8°	175.7
9°	172.2
10°	168.8
11°	164.9
12°	160.8
13°	156.5
14°	152.0
15°	147.3
17.5°	135.3
20°	123.3
22.5°	111.7
25°	100.7
27.5°	90.0
30°	79.9
32.5°	69.6
35°	59.3
37.5°	49.2
40°	39.7
42.5°	31.4
45°	24.1
47.5°	17.8
50°	12.5
52.5°	8.8
55°	7.3
57.5°	6.7
60°	6.0
62.5°	5.4
65°	4.7
67.5°	4.1
70°	3.4
72.5°	2.8
75°	2.4
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.2



TEST NUMBER: P1245697
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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)