

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: P1245665

Luminaire Tested: P3A02R259024DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245665
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: P3A02R259024DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

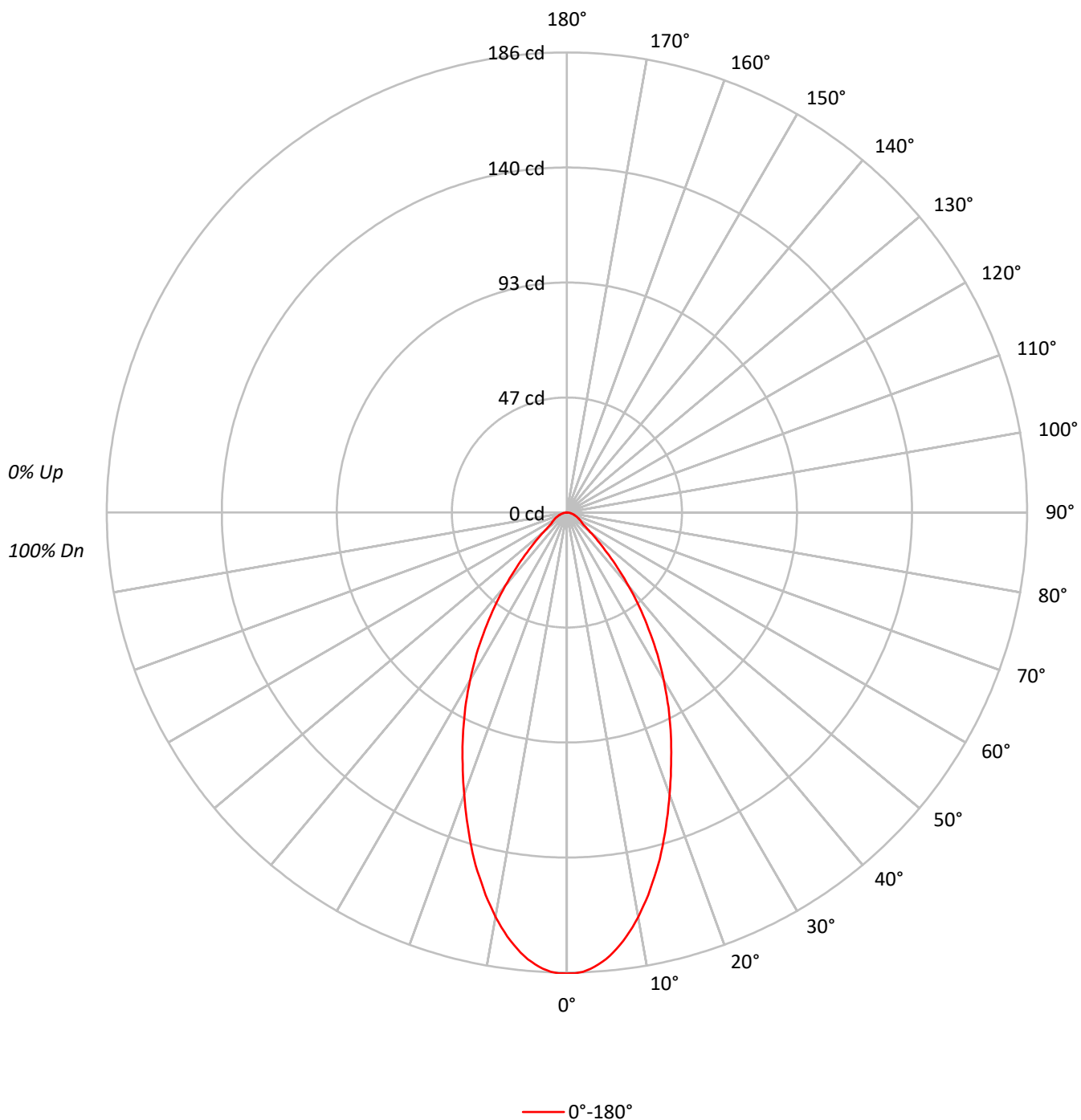
Lumens per Lamp: N/A
Luminaire Lumens: 172.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40874
5°	39907
10°	36984
15°	32940
20°	28306
25°	24050
30°	19801
35°	15419
40°	11107
45°	7039
50°	4162
55°	2867
60°	2631
65°	2439
70°	2180
75°	2033
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7039 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	9.8
10°-20°	40.3	23.4
20°-30°	45.5	26.5
30°-40°	36.0	20.9
40°-50°	18.2	10.6
50°-60°	7.3	4.2
60°-70°	4.7	2.7
70°-80°	2.6	1.5
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°	102.6	59.6
0°-40°	138.6	80.6
0°-60°	164.0	95.4
0°-90°	172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	186	
5°	181	17
15°	145	40
25°	99	45
35°	58	36
45°	23	18
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	186.4
1°	186.4
2°	185.8
3°	184.7
4°	183.2
5°	181.3
6°	178.9
7°	176.1
8°	173.1
9°	169.7
10°	166.1
11°	162.0
12°	158.1
13°	153.6
14°	149.4
15°	145.1
17.5°	133.1
20°	121.3
22.5°	110.1
25°	99.4
27.5°	88.9
30°	78.2
32.5°	68.1
35°	57.6
37.5°	48.0
40°	38.8
42.5°	30.2
45°	22.7
47.5°	16.9
50°	12.2
52.5°	9.2
55°	7.5
57.5°	6.9
60°	6.0
62.5°	5.4
65°	4.7
67.5°	4.1
70°	3.4
72.5°	3.0
75°	2.4
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)