

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: P1250327

Luminaire Tested: P3AS24R309027D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250327
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: P3AS24R309027D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

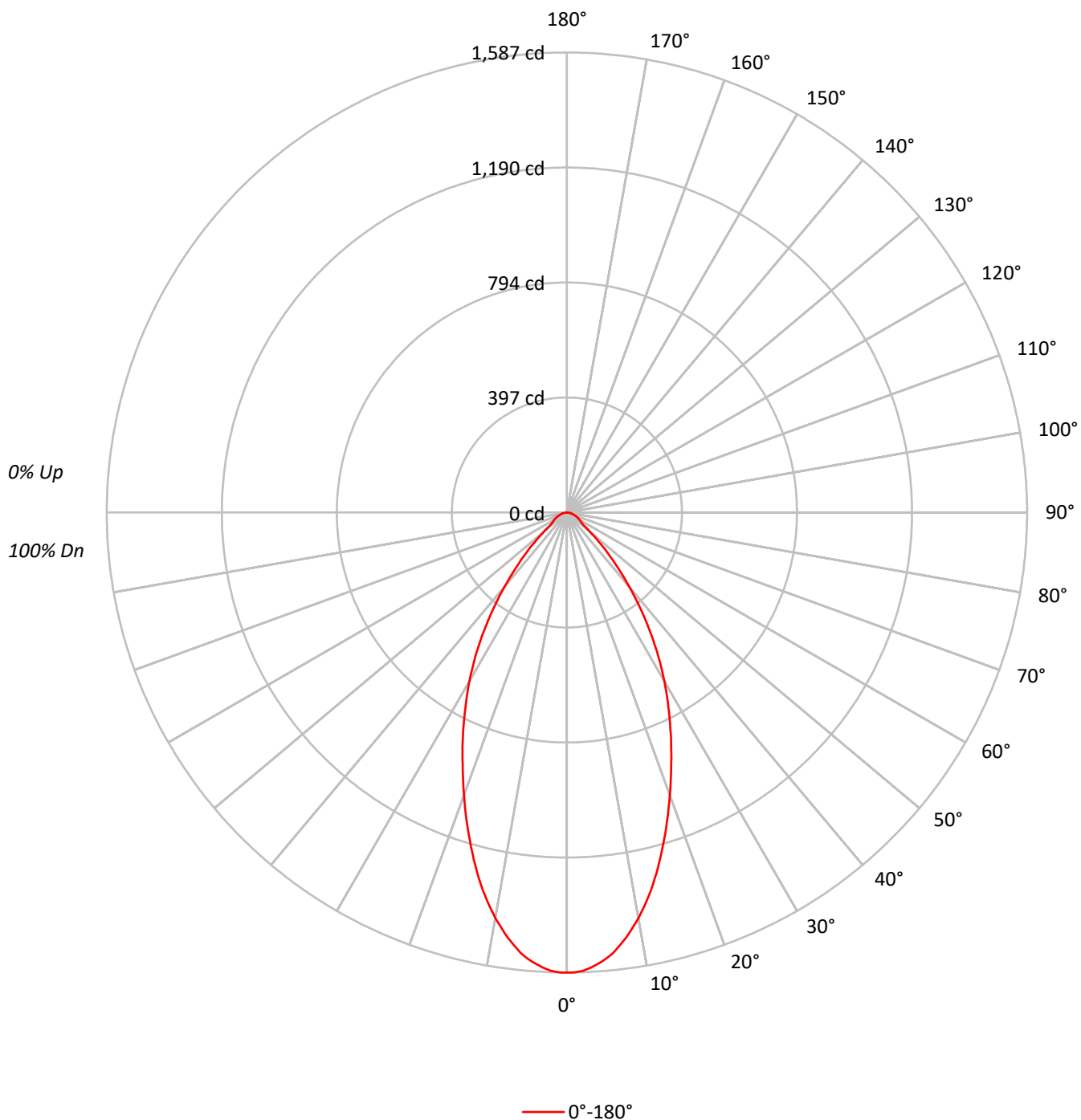
Lumens per Lamp: N/A
Luminaire Lumens: 1473.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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		84
4	94	85	79	74	92	84	79	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°	347998
5°	340171
10°	316338
15°	281500
20°	242104
25°	205101
30°	170254
35°	133552
40°	95722
45°	62766
50°	35751
55°	23512
60°	22191
65°	20651
70°	18529
75°	16860
80°	16037
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62766 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.5	9.7
10°-20°	344.7	23.4
20°-30°	388.5	26.4
30°-40°	310.2	21.1
40°-50°	159.4	10.8
50°-60°	60.0	4.1
60°-70°	39.3	2.7
70°-80°	21.2	1.4
80°-90°	6.1	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°	876.6	59.5
0°-40°	1186.9	80.6
0°-60°	1406.3	95.5
0°-90°	1473.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1473.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1587	
5°	1545	143
15°	1240	345
25°	848	388
35°	499	310
45°	202	159
55°	62	60
65°	40	39
75°	20	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1587.0
1°	1587.0
2°	1581.6
3°	1572.5
4°	1559.9
5°	1545.4
6°	1527.4
7°	1503.9
8°	1478.5
9°	1449.6
10°	1420.7
11°	1388.2
12°	1353.8
13°	1317.7
14°	1279.7
15°	1240.0
17.5°	1138.7
20°	1037.5
22.5°	939.9
25°	847.7
27.5°	757.3
30°	672.4
32.5°	585.6
35°	498.9
37.5°	413.9
40°	334.4
42.5°	263.9
45°	202.4
47.5°	150.0
50°	104.8
52.5°	74.1
55°	61.5
57.5°	56.0
60°	50.6
62.5°	45.2
65°	39.8
67.5°	34.3
70°	28.9
72.5°	23.5
75°	19.9
77.5°	16.3
80°	12.7
82.5°	9.0
85°	5.4
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)