

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: P1261159

Luminaire Tested: P3AS24R509050D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261159
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509050D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

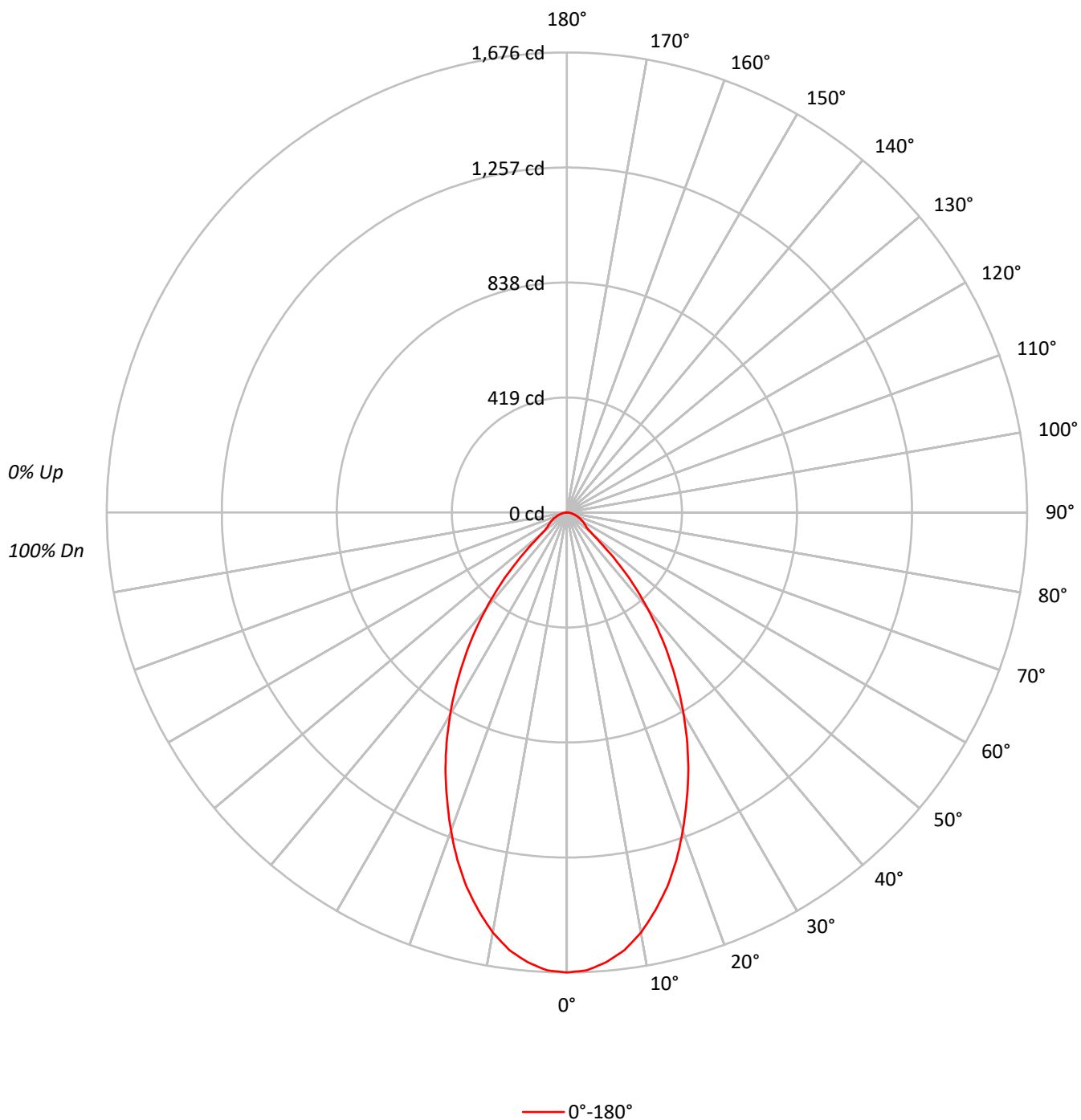
Lumens per Lamp: N/A
Luminaire Lumens: 1808.0 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	367427
5°	362007
10°	345974
15°	320410
20°	287958
25°	253128
30°	215274
35°	174562
40°	131131
45°	84474
50°	40118
55°	31540
60°	29866
65°	27863
70°	25132
75°	22706
80°	20836
85°	20882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 84474 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.2	8.5
10°-20°	393.5	21.8
20°-30°	478.1	26.4
30°-40°	405.5	22.4
40°-50°	210.6	11.6
50°-60°	76.0	4.2
60°-70°	52.6	2.9
70°-80°	28.5	1.6
80°-90°	9.0	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°	1025.8	56.7
0°-40°	1431.3	79.2
0°-60°	1717.9	95.0
0°-90°	1808.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1808.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1676	
5°	1645	154
15°	1411	394
25°	1046	478
35°	652	405
45°	272	211
55°	82	76
65°	54	53
75°	27	29
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1675.6
2.5°	1669.4
5°	1644.6
7.5°	1607.5
10°	1553.8
12.5°	1485.7
15°	1411.4
17.5°	1326.8
20°	1234.0
22.5°	1139.1
25°	1046.2
27.5°	949.2
30°	850.2
32.5°	751.1
35°	652.1
37.5°	555.1
40°	458.1
42.5°	365.2
45°	272.4
47.5°	181.6
50°	117.6
52.5°	90.8
55°	82.5
57.5°	74.3
60°	68.1
62.5°	59.8
65°	53.7
67.5°	45.4
70°	39.2
72.5°	33.0
75°	26.8
77.5°	20.6
80°	16.5
82.5°	12.4
85°	8.3
87.5°	4.1
90°	0.0

(END OF REPORT)