

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: P1260469

Luminaire Tested: P3AS17R509050DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260469
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: P3AS17R509050DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

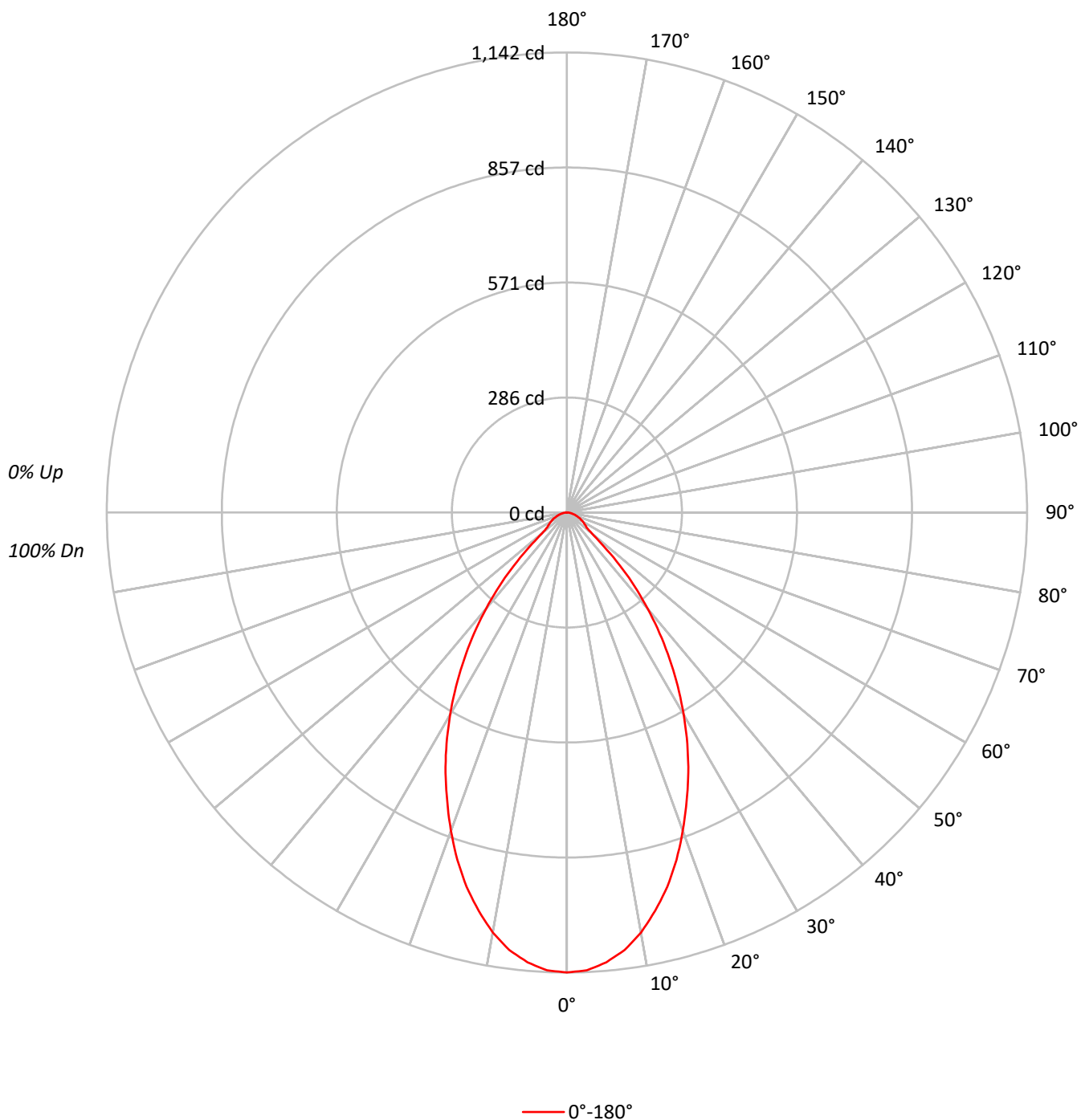
Lumens per Lamp: N/A
Luminaire Lumens: 1232.0 lumens
Efficiency: N/A
Efficacy: 58.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	250375
5°	246687
10°	235756
15°	218344
20°	196227
25°	172486
30°	146681
35°	118936
40°	89367
45°	57556
50°	27325
55°	21485
60°	20349
65°	18990
70°	17118
75°	15504
80°	14143
85°	14089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57556 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.0	8.5
10°-20°	268.2	21.8
20°-30°	325.8	26.4
30°-40°	276.3	22.4
40°-50°	143.5	11.6
50°-60°	51.8	4.2
60°-70°	35.8	2.9
70°-80°	19.5	1.6
80°-90°	6.1	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°	699.0	56.7
0°-40°	975.3	79.2
0°-60°	1170.6	95.0
0°-90°	1232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1232.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1142	
5°	1121	105
15°	962	268
25°	713	326
35°	444	276
45°	186	144
55°	56	52
65°	37	36
75°	18	19
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1141.8
2.5°	1137.5
5°	1120.7
7.5°	1095.4
10°	1058.8
12.5°	1012.4
15°	961.8
17.5°	904.1
20°	840.9
22.5°	776.2
25°	712.9
27.5°	646.8
30°	579.3
32.5°	511.8
35°	444.3
37.5°	378.2
40°	312.2
42.5°	248.9
45°	185.6
47.5°	123.7
50°	80.1
52.5°	61.9
55°	56.2
57.5°	50.6
60°	46.4
62.5°	40.8
65°	36.6
67.5°	30.9
70°	26.7
72.5°	22.5
75°	18.3
77.5°	14.1
80°	11.2
82.5°	8.4
85°	5.6
87.5°	2.8
90°	0.0

(END OF REPORT)