

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: P1260470

Luminaire Tested: P3AS17R509050DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

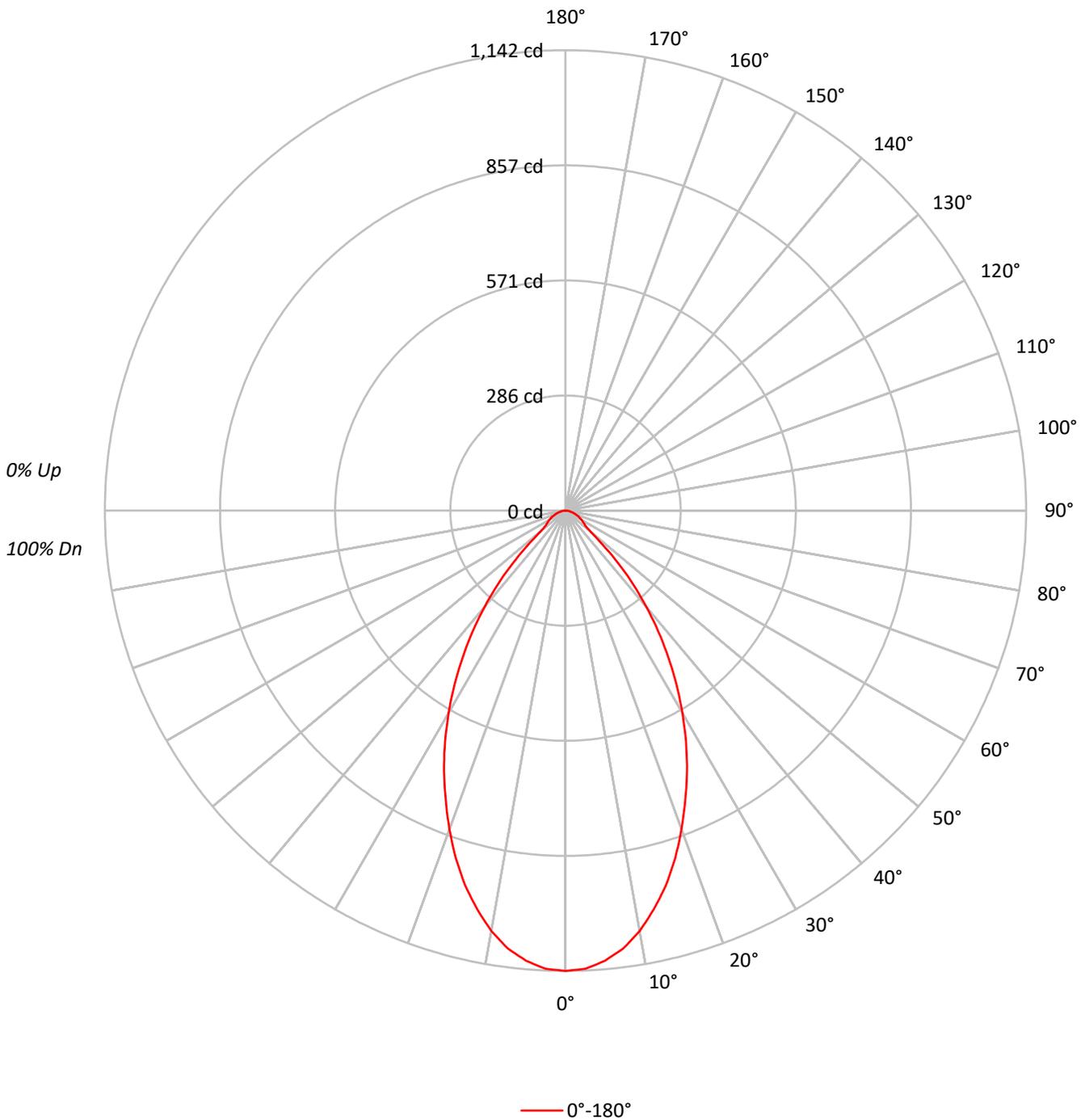
Test Method: LM-79-2019  
Report Number: P1260470  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R509050DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLD1MW 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			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	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			43

**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)