

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: P1286562

Luminaire Tested: P3AS05R509030D2WDE010 E3DLD1WH

Issue Date: 1/30/2026

**Test Information**

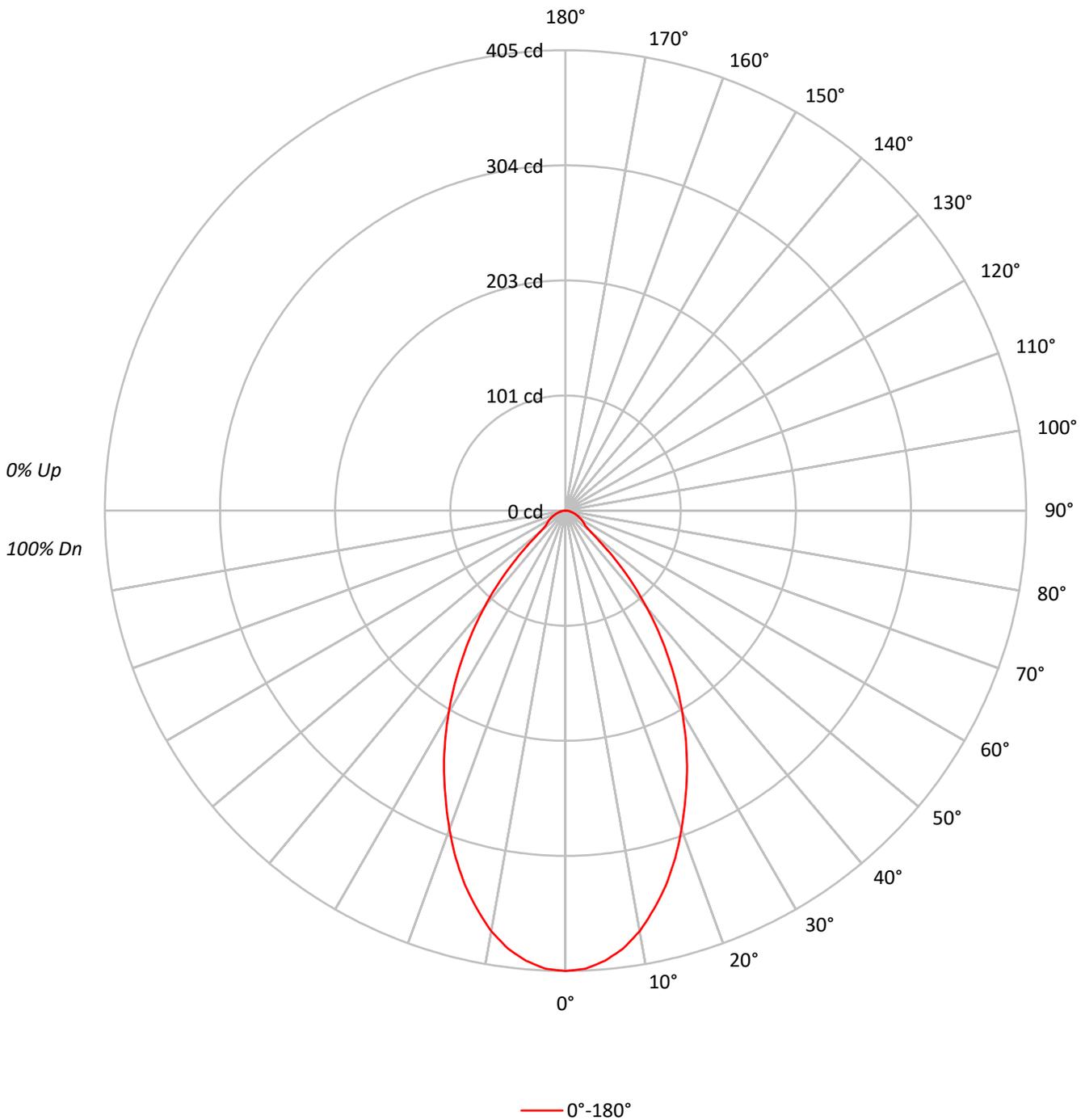
Test Method: LM-79-2019  
Report Number: P1286562  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R509030D2WDE010 E3DLD1WH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 437.1 lumens  
Efficiency: N/A  
Efficacy: 39.4 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): 11.1  
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				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°	88809
5°	87497
10°	83632
15°	77458
20°	69609
25°	61189
30°	52033
35°	42188
40°	31688
45°	20405
50°	9688
55°	7646
60°	7236
65°	6745
70°	6091
75°	5507
80°	5051
85°	5032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20405 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.3	8.5
10°-20°	95.1	21.8
20°-30°	115.6	26.4
30°-40°	98.0	22.4
40°-50°	50.9	11.6
50°-60°	18.4	4.2
60°-70°	12.7	2.9
70°-80°	6.9	1.6
80°-90°	2.2	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°	247.9	56.7
0°-40°	345.9	79.2
0°-60°	415.2	95.0
0°-90°	437.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	405	
5°	398	37
15°	341	95
25°	253	116
35°	158	98
45°	66	51
55°	20	18
65°	13	13
75°	6	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	405.0
2.5°	403.5
5°	397.5
7.5°	388.5
10°	375.6
12.5°	359.1
15°	341.2
17.5°	320.7
20°	298.3
22.5°	275.3
25°	252.9
27.5°	229.4
30°	205.5
32.5°	181.5
35°	157.6
37.5°	134.2
40°	110.7
42.5°	88.3
45°	65.8
47.5°	43.9
50°	28.4
52.5°	21.9
55°	20.0
57.5°	18.0
60°	16.5
62.5°	14.5
65°	13.0
67.5°	11.0
70°	9.5
72.5°	8.0
75°	6.5
77.5°	5.0
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)