

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: P1286213

Luminaire Tested: P3AS02R509030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

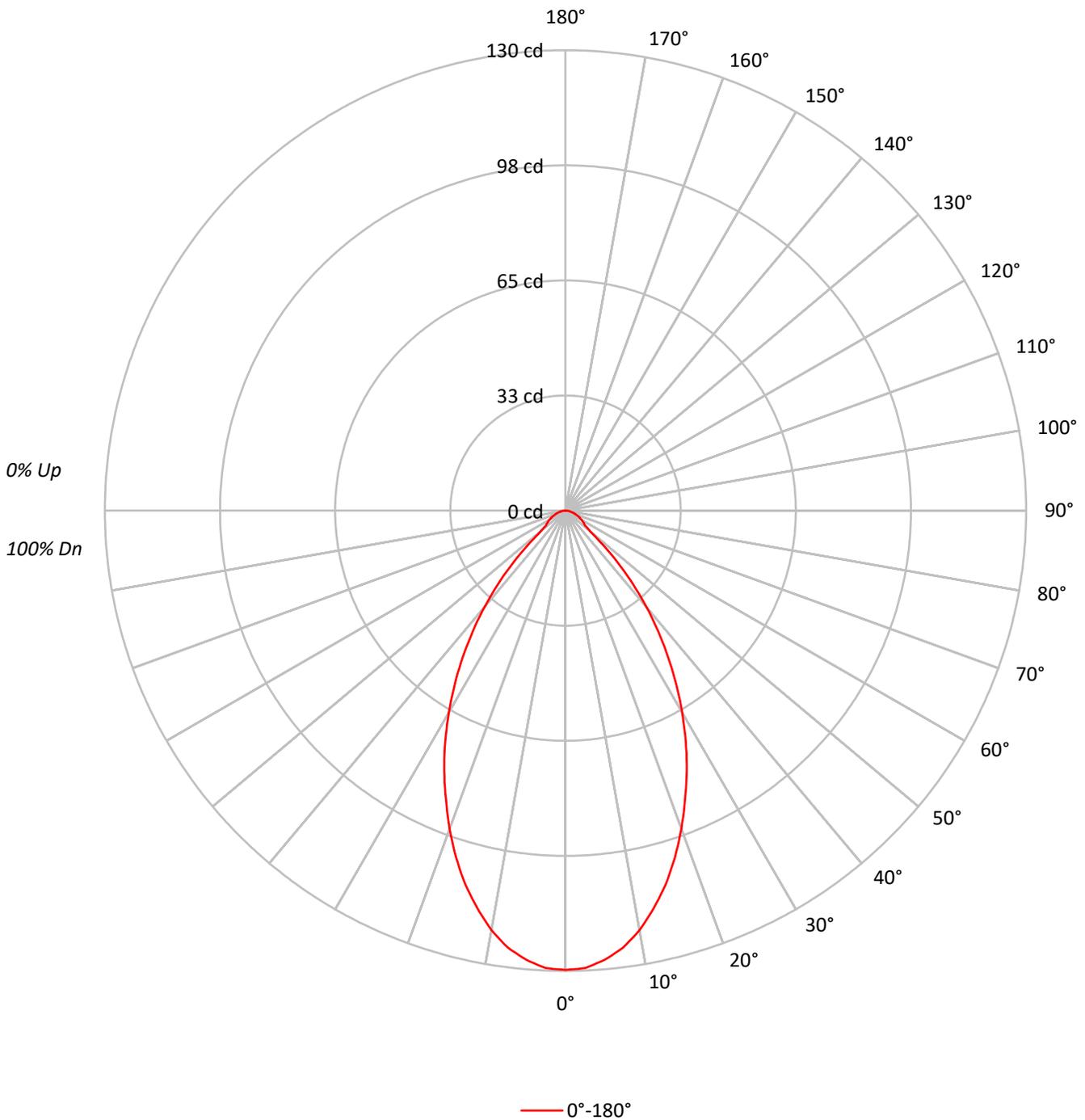
Test Method: LM-79-2019  
Report Number: P1286213  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R509030D2WDE010 E3DLD1GPH  
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 140.0 lumens  
Efficiency: N/A  
Efficacy: 19.5 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): 7.2  
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°	28441
5°	28021
10°	26786
15°	24813
20°	22309
25°	19598
30°	16661
35°	13518
40°	10162
45°	6543
50°	3104
55°	2447
60°	2324
65°	2179
70°	1923
75°	1779
80°	1642
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6543 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	11.9	8.5
10°-20°	30.5	21.8
20°-30°	37.0	26.4
30°-40°	31.4	22.4
40°-50°	16.3	11.7
50°-60°	5.9	4.2
60°-70°	4.1	2.9
70°-80°	2.2	1.6
80°-90°	0.7	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°	79.4	56.7
0°-40°	110.8	79.1
0°-60°	133.1	95.0
0°-90°	140.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	140.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	130	
5°	127	12
15°	109	30
25°	81	37
35°	50	31
45°	21	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	129.7
2.5°	129.3
5°	127.3
7.5°	124.5
10°	120.3
12.5°	115.0
15°	109.3
17.5°	102.7
20°	95.6
22.5°	88.2
25°	81.0
27.5°	73.5
30°	65.8
32.5°	58.2
35°	50.5
37.5°	43.0
40°	35.5
42.5°	28.3
45°	21.1
47.5°	14.1
50°	9.1
52.5°	7.0
55°	6.4
57.5°	5.8
60°	5.3
62.5°	4.6
65°	4.2
67.5°	3.5
70°	3.0
72.5°	2.6
75°	2.1
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)