

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: P1251531

Luminaire Tested: P3AS09R259030DE010 E3DLD1WH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1251531  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259030DE010 E3DLD1WH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

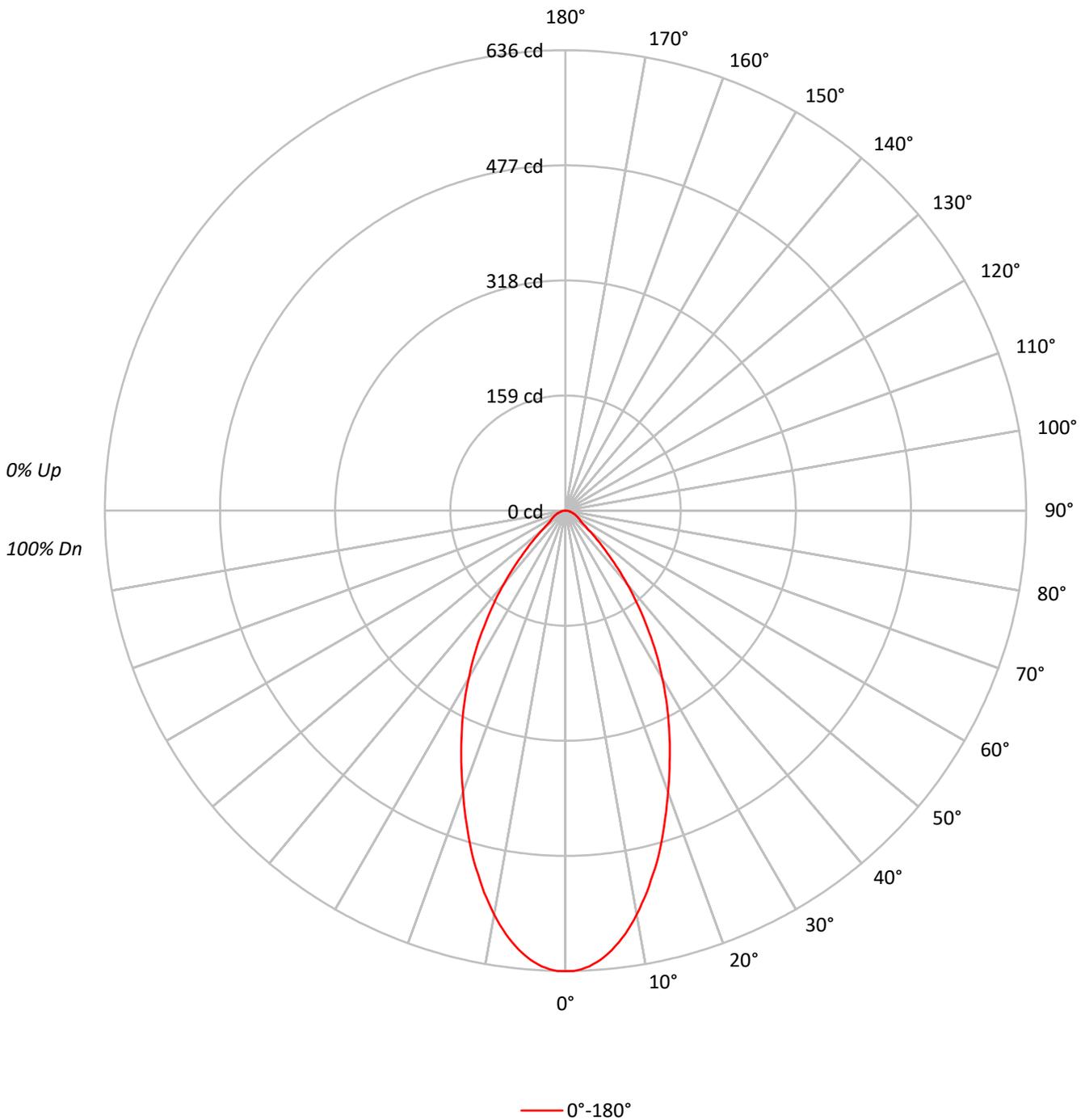
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 587.0 lumens  
Efficiency: N/A  
Efficacy: 52.9 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 11.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	139506
5°	136187
10°	126183
15°	112396
20°	96585
25°	82093
30°	67580
35°	52655
40°	37900
45°	24034
50°	14226
55°	9787
60°	8991
65°	8354
70°	7501
75°	6778
80°	6440
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 24034 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.4	9.8
10°-20°	137.4	23.4
20°-30°	155.3	26.5
30°-40°	122.8	20.9
40°-50°	62.1	10.6
50°-60°	24.8	4.2
60°-70°	15.9	2.7
70°-80°	8.8	1.5
80°-90°	2.5	0.4
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°	350.1	59.6
0°-40°	472.9	80.6
0°-60°	559.8	95.4
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	636	
5°	619	57
15°	495	137
25°	339	155
35°	197	123
45°	78	62
55°	26	25
65°	16	16
75°	8	9
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	636.2
1°	636.2
2°	634.0
3°	630.4
4°	625.2
5°	618.7
6°	610.6
7°	601.1
8°	590.9
9°	579.2
10°	566.7
11°	552.8
12°	539.7
13°	524.3
14°	509.7
15°	495.1
17.5°	454.1
20°	413.9
22.5°	375.9
25°	339.3
27.5°	303.5
30°	266.9
32.5°	232.5
35°	196.7
37.5°	163.8
40°	132.4
42.5°	103.1
45°	77.5
47.5°	57.8
50°	41.7
52.5°	31.4
55°	25.6
57.5°	23.4
60°	20.5
62.5°	18.3
65°	16.1
67.5°	13.9
70°	11.7
72.5°	10.2
75°	8.0
77.5°	6.6
80°	5.1
82.5°	3.7
85°	2.2
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)