

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: P1264624

Luminaire Tested: P3A09R259730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264624
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: P3A09R259730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

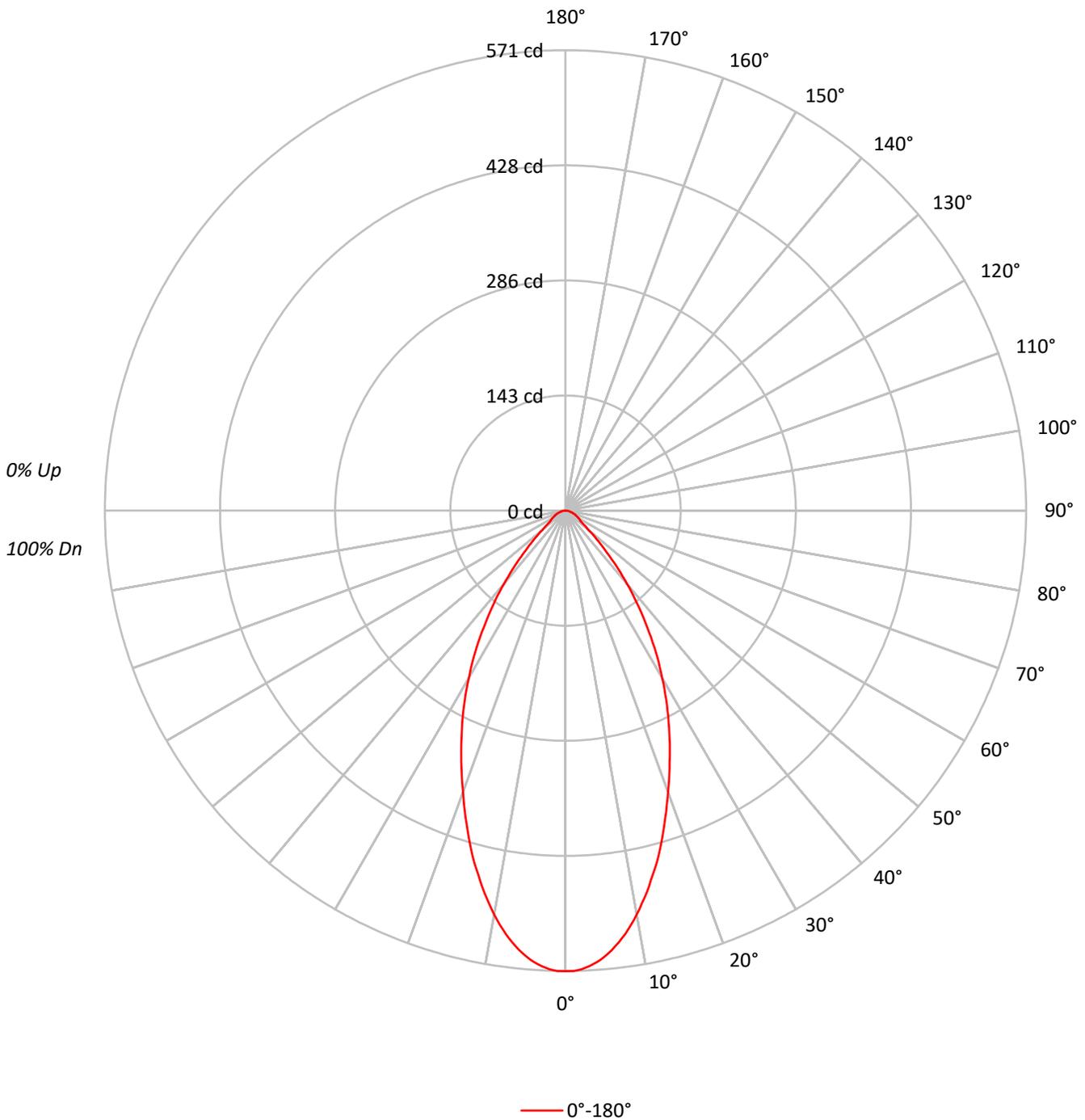
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 527.0 lumens
Efficiency: N/A
Efficacy: 47.5 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 (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	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°	125253
5°	122254
10°	113291
15°	100909
20°	86714
25°	73698
30°	60668
35°	47274
40°	34007
45°	21584
50°	12759
55°	8793
60°	8070
65°	7472
70°	6732
75°	6100
80°	5809
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21584 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.5	9.8
10°-20°	123.4	23.4
20°-30°	139.4	26.5
30°-40°	110.3	20.9
40°-50°	55.7	10.6
50°-60°	22.3	4.2
60°-70°	14.3	2.7
70°-80°	7.9	1.5
80°-90°	2.3	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°	314.3	59.6
0°-40°	424.6	80.6
0°-60°	502.6	95.4
0°-90°	527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	527.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	571	
5°	555	52
15°	444	123
25°	305	139
35°	177	110
45°	70	56
55°	23	22
65°	14	14
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	571.2
1°	571.2
2°	569.2
3°	565.9
4°	561.3
5°	555.4
6°	548.2
7°	539.7
8°	530.5
9°	520.0
10°	508.8
11°	496.3
12°	484.5
13°	470.7
14°	457.6
15°	444.5
17.5°	407.7
20°	371.6
22.5°	337.5
25°	304.6
27.5°	272.5
30°	239.6
32.5°	208.8
35°	176.6
37.5°	147.1
40°	118.8
42.5°	92.6
45°	69.6
47.5°	51.9
50°	37.4
52.5°	28.2
55°	23.0
57.5°	21.0
60°	18.4
62.5°	16.4
65°	14.4
67.5°	12.5
70°	10.5
72.5°	9.2
75°	7.2
77.5°	5.9
80°	4.6
82.5°	3.3
85°	2.0
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)