

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: P1264770

Luminaire Tested: P3A09R509730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264770
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: P3A09R509730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

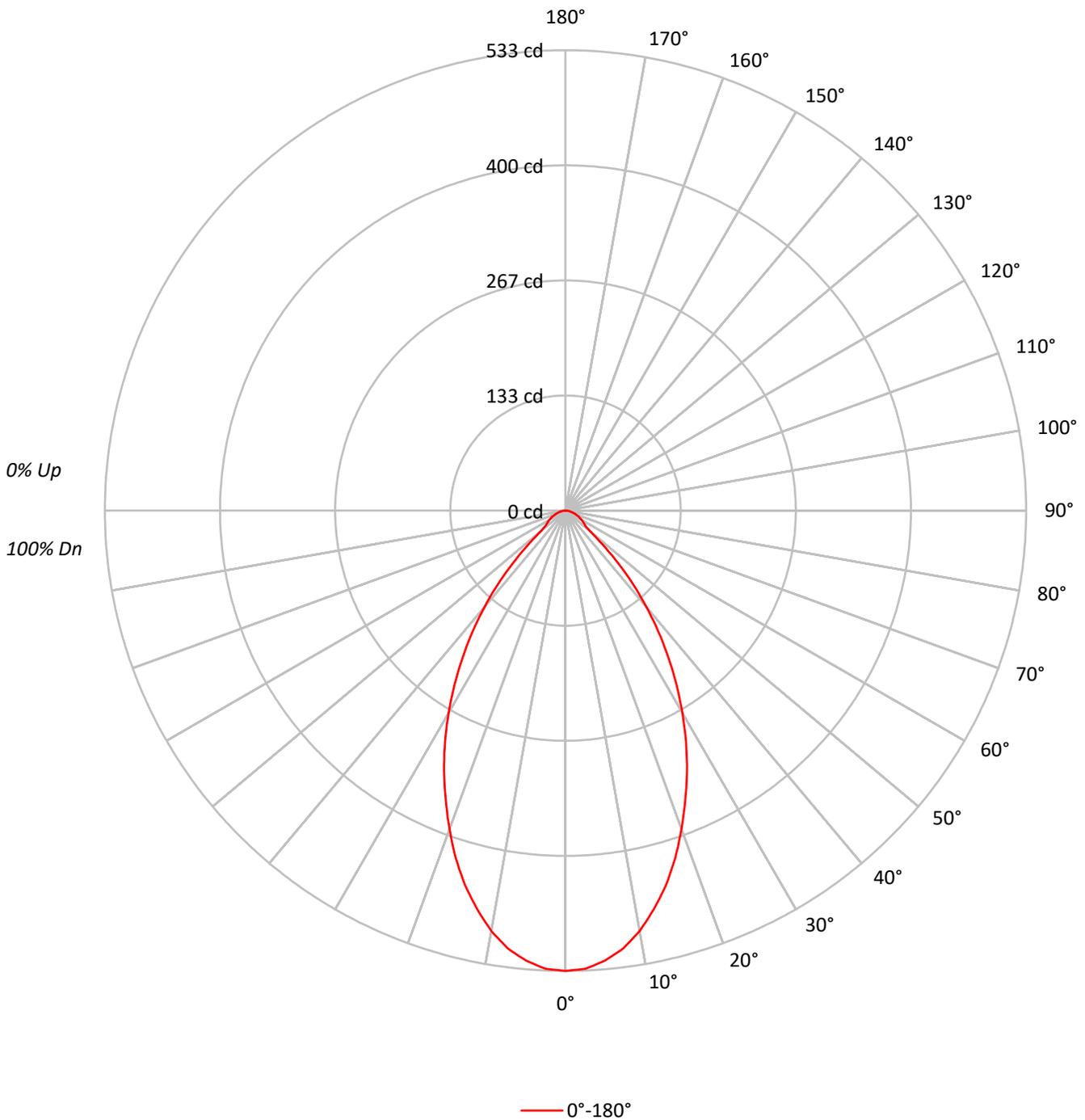
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 51.8 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				
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°	116855
5°	115122
10°	110040
15°	101908
20°	91568
25°	80497
30°	68466
35°	55519
40°	41707
45°	26856
50°	12759
55°	10055
60°	9517
65°	8873
70°	8014
75°	7202
80°	6693
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26856 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	8.5
10°-20°	125.2	21.8
20°-30°	152.1	26.4
30°-40°	129.0	22.4
40°-50°	67.0	11.7
50°-60°	24.2	4.2
60°-70°	16.7	2.9
70°-80°	9.1	1.6
80°-90°	2.8	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°	326.2	56.7
0°-40°	455.2	79.2
0°-60°	546.4	95.0
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	533	
5°	523	49
15°	449	125
25°	333	152
35°	207	129
45°	87	67
55°	26	24
65°	17	17
75°	8	9
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	532.9
2.5°	530.9
5°	523.0
7.5°	511.2
10°	494.2
12.5°	472.5
15°	448.9
17.5°	422.0
20°	392.4
22.5°	362.3
25°	332.7
27.5°	301.9
30°	270.4
32.5°	238.9
35°	207.4
37.5°	176.5
40°	145.7
42.5°	116.2
45°	86.6
47.5°	57.8
50°	37.4
52.5°	28.9
55°	26.3
57.5°	23.6
60°	21.7
62.5°	19.0
65°	17.1
67.5°	14.4
70°	12.5
72.5°	10.5
75°	8.5
77.5°	6.6
80°	5.3
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)