

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: P1269037

Luminaire Tested: P3A05R309740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269037
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

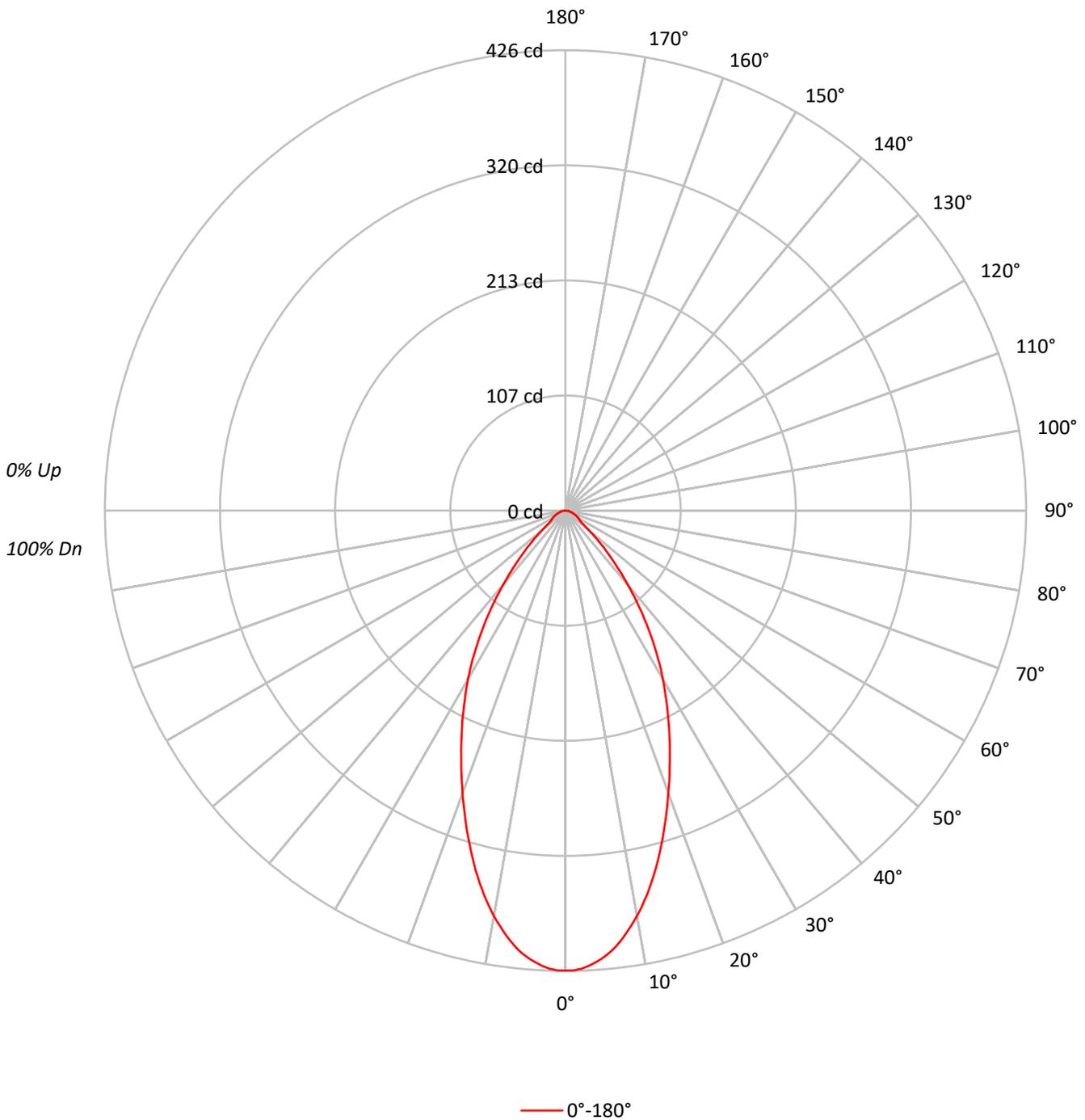
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 395.0 lumens
Efficiency: N/A
Efficacy: 54.9 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): 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				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	84	80	78	76				76
4	94	85	79	74	92	84	79	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°	93326
5°	91217
10°	84835
15°	75483
20°	64919
25°	54995
30°	45653
35°	35817
40°	25677
45°	16839
50°	9586
55°	6308
60°	5964
65°	5552
70°	5001
75°	4490
80°	4293
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16839 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.5	9.7
10°-20°	92.4	23.4
20°-30°	104.2	26.4
30°-40°	83.2	21.1
40°-50°	42.8	10.8
50°-60°	16.1	4.1
60°-70°	10.6	2.7
70°-80°	5.7	1.4
80°-90°	1.7	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°	235.1	59.5
0°-40°	318.3	80.6
0°-60°	377.1	95.5
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	426	
5°	414	38
15°	332	92
25°	227	104
35°	134	83
45°	54	43
55°	16	16
65°	11	11
75°	5	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	425.6
1°	425.6
2°	424.1
3°	421.7
4°	418.3
5°	414.4
6°	409.6
7°	403.3
8°	396.5
9°	388.7
10°	381.0
11°	372.3
12°	363.0
13°	353.3
14°	343.2
15°	332.5
17.5°	305.4
20°	278.2
22.5°	252.0
25°	227.3
27.5°	203.1
30°	180.3
32.5°	157.0
35°	133.8
37.5°	111.0
40°	89.7
42.5°	70.8
45°	54.3
47.5°	40.2
50°	28.1
52.5°	19.9
55°	16.5
57.5°	15.0
60°	13.6
62.5°	12.1
65°	10.7
67.5°	9.2
70°	7.8
72.5°	6.3
75°	5.3
77.5°	4.4
80°	3.4
82.5°	2.4
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)