

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: P1267028

Luminaire Tested: P3A09R309735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267028
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

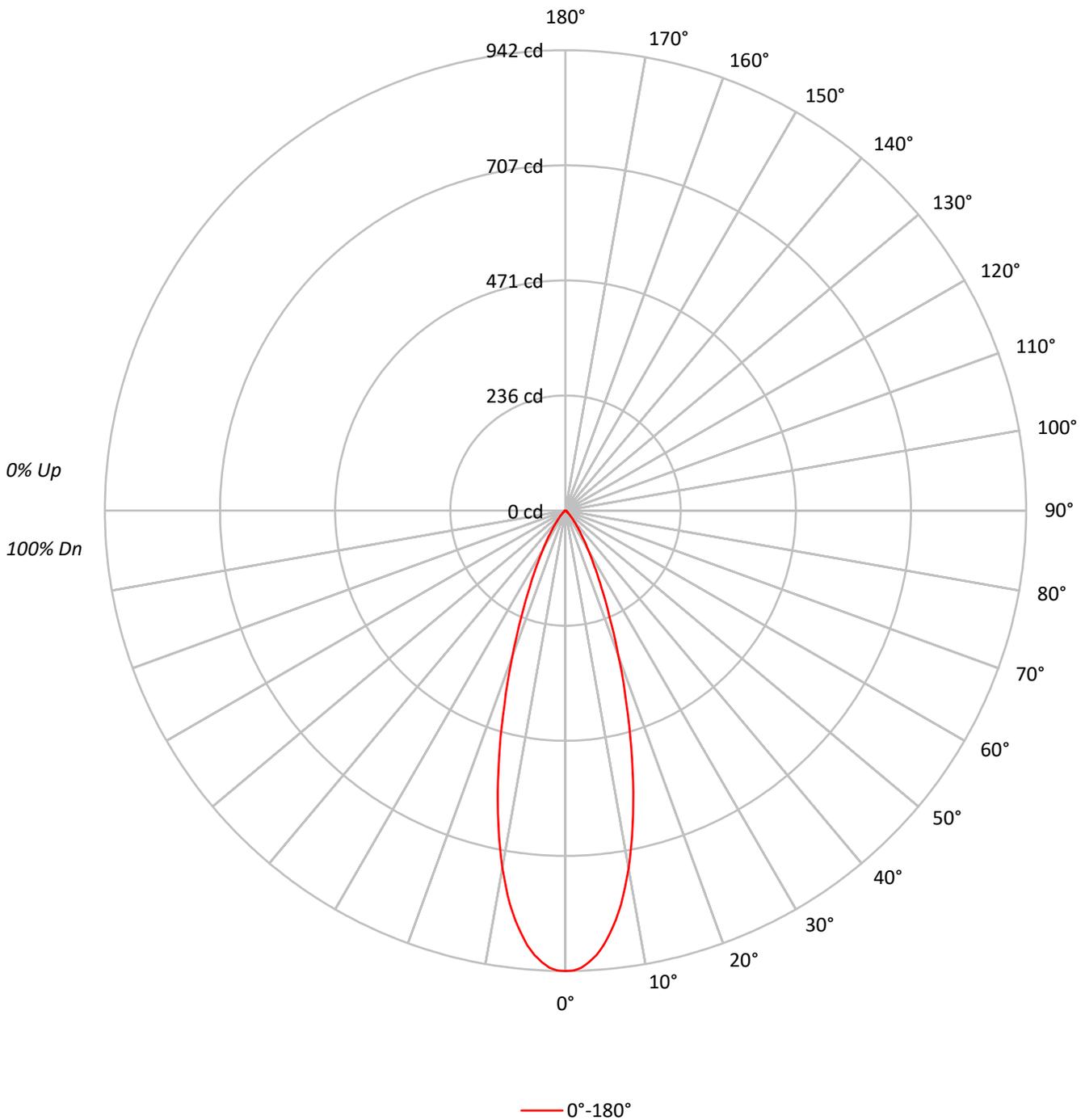
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 354.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206562
5°	196610
10°	165372
15°	119274
20°	73973
25°	42075
30°	23371
35°	12715
40°	6698
45°	3628
50°	1944
55°	1262
60°	1184
65°	1193
70°	1090
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3628 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	22.7
10°-20°	143.0	40.4
20°-30°	82.6	23.3
30°-40°	31.4	8.9
40°-50°	9.6	2.7
50°-60°	3.2	0.9
60°-70°	2.2	0.6
70°-80°	1.2	0.3
80°-90°	0.4	0.1
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°	306.0	86.5
0°-40°	337.4	95.3
0°-60°	350.2	98.9
0°-90°	354.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	354.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	942	
5°	893	80
15°	525	143
25°	174	83
35°	48	31
45°	12	10
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	942.0
1°	941.4
2°	935.7
3°	925.0
4°	911.6
5°	893.2
6°	869.8
7°	843.7
8°	814.6
9°	779.8
10°	742.7
11°	702.6
12°	660.1
13°	615.6
14°	570.5
15°	525.4
17.5°	414.3
20°	317.0
22.5°	235.1
25°	173.9
27.5°	126.4
30°	92.3
32.5°	66.5
35°	47.5
37.5°	33.1
40°	23.4
42.5°	16.4
45°	11.7
47.5°	8.0
50°	5.7
52.5°	4.0
55°	3.3
57.5°	3.0
60°	2.7
62.5°	2.3
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.3
75°	1.0
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)