

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: P1273713

Luminaire Tested: P3A09R359830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273713
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

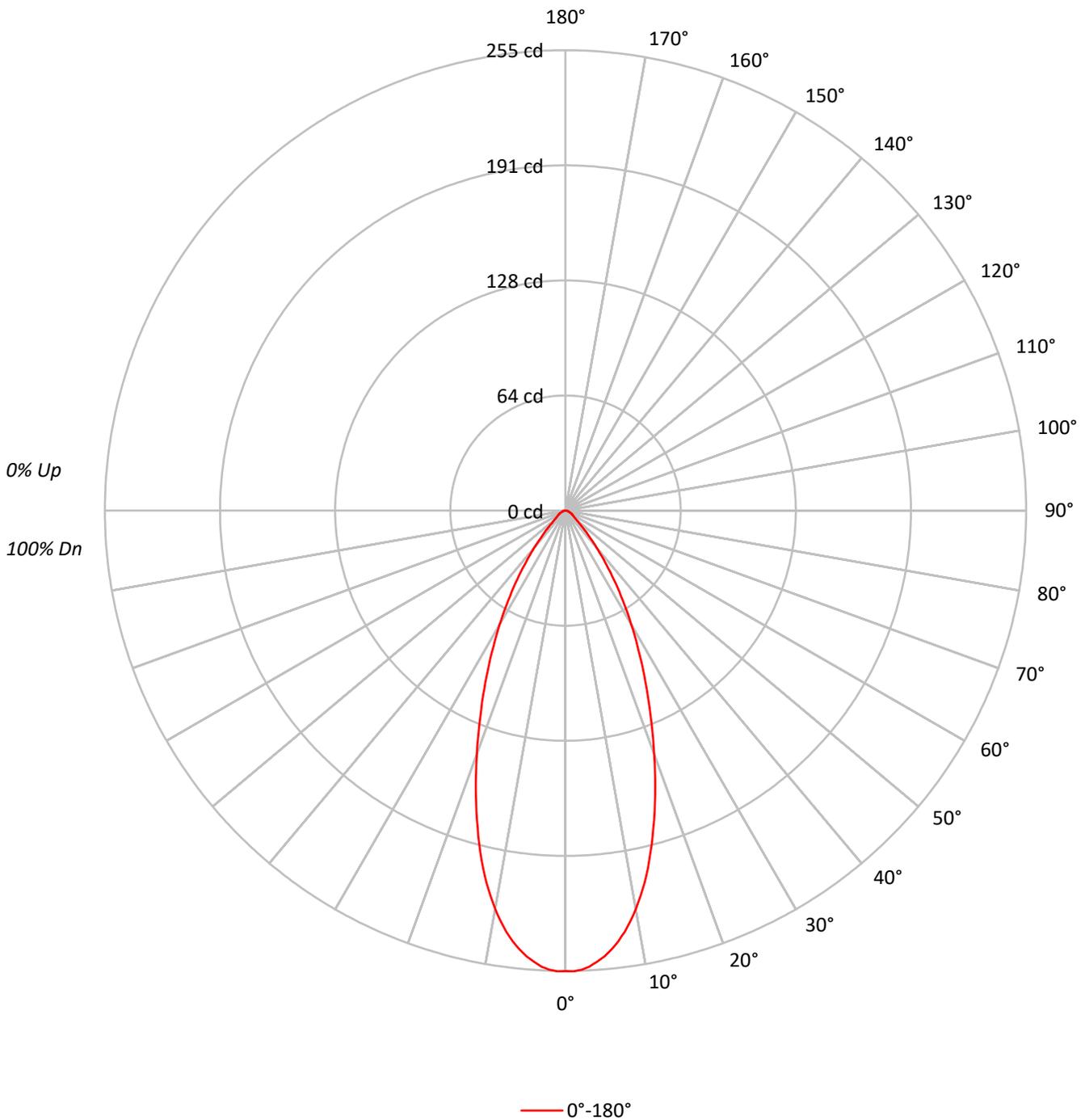
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 174.0 lumens
Efficiency: N/A
Efficacy: 15.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80				80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61				61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57				57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55939
5°	54545
10°	49877
15°	42338
20°	33510
25°	25356
30°	18459
35°	12474
40°	7672
45°	4404
50°	2661
55°	2141
60°	1886
65°	1660
70°	1346
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4404 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	13.2
10°-20°	51.4	29.5
20°-30°	48.1	27.6
30°-40°	29.4	16.9
40°-50°	11.6	6.7
50°-60°	5.1	2.9
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.6	0.3
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°	122.4	70.4
0°-40°	151.8	87.3
0°-60°	168.5	96.9
0°-90°	174.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	174.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	255	
5°	248	23
15°	186	51
25°	105	48
35°	47	29
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	255.1
1°	255.3
2°	254.5
3°	252.9
4°	250.5
5°	247.8
6°	244.3
7°	240.3
8°	235.5
9°	230.1
10°	224.0
11°	217.5
12°	210.6
13°	203.1
14°	194.8
15°	186.5
17.5°	165.0
20°	143.6
22.5°	123.0
25°	104.8
27.5°	87.9
30°	72.9
32.5°	58.9
35°	46.6
37.5°	35.6
40°	26.8
42.5°	19.3
45°	14.2
47.5°	10.2
50°	7.8
52.5°	6.4
55°	5.6
57.5°	4.8
60°	4.3
62.5°	3.8
65°	3.2
67.5°	2.7
70°	2.1
72.5°	1.9
75°	1.6
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)