

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: P1246446

Luminaire Tested: P3A09R259024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246446
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

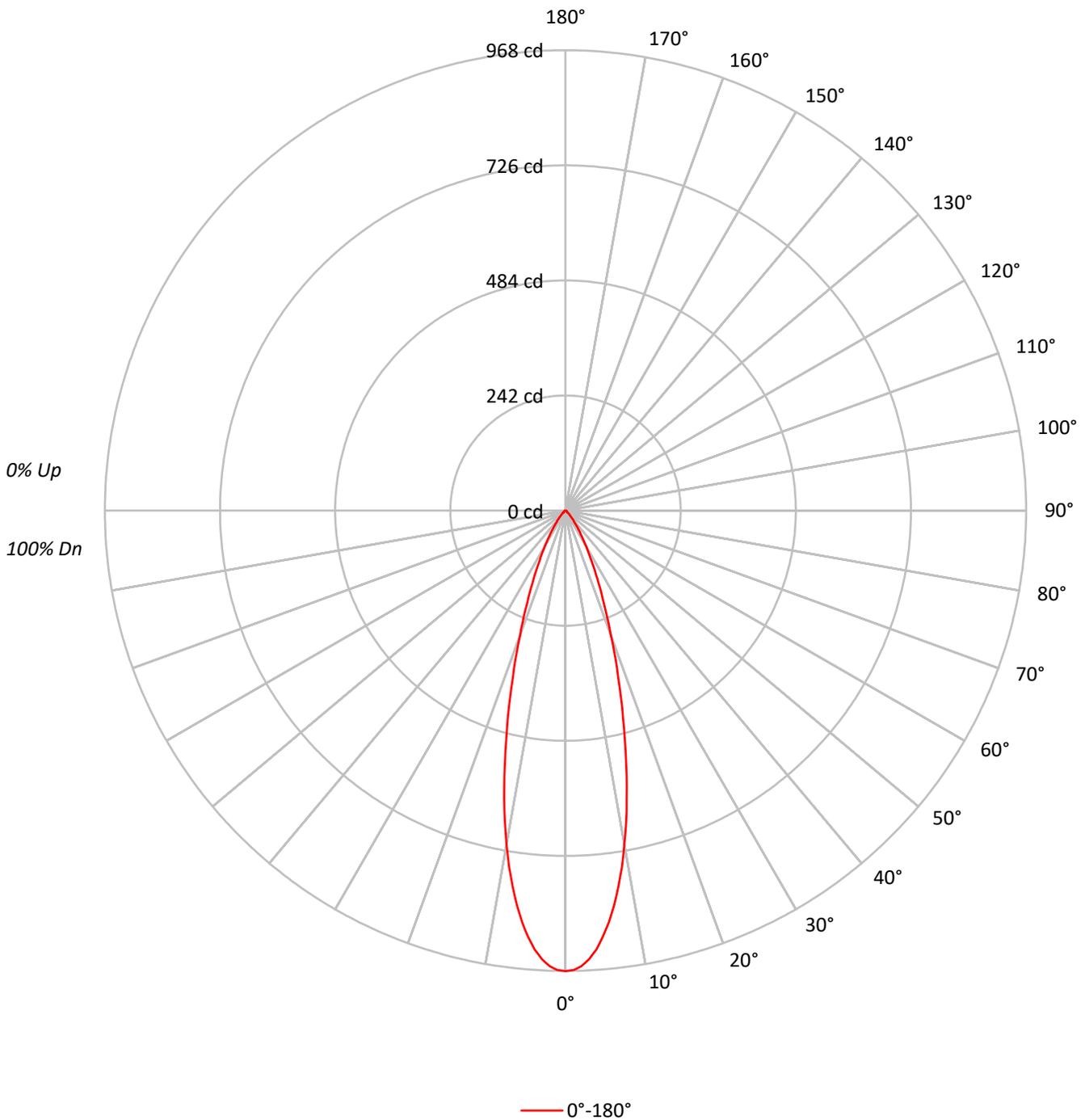
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 330.9 lumens
Efficiency: N/A
Efficacy: 29.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	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	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	212329
5°	198084
10°	158692
15°	107719
20°	65176
25°	38107
30°	21700
35°	11939
40°	6326
45°	3349
50°	1944
55°	1453
60°	1228
65°	1297
70°	1218
75°	1101
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3349 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.9	24.1
10°-20°	130.5	39.4
20°-30°	74.5	22.5
30°-40°	29.4	8.9
40°-50°	9.0	2.7
50°-60°	3.6	1.1
60°-70°	2.4	0.7
70°-80°	1.3	0.4
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°	284.8	86.1
0°-40°	314.2	95.0
0°-60°	326.8	98.8
0°-90°	330.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	968	
5°	900	80
15°	474	130
25°	158	75
35°	45	29
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	968.3
1°	966.4
2°	958.5
3°	944.6
4°	925.3
5°	899.9
6°	870.2
7°	836.7
8°	797.8
9°	757.9
10°	712.7
11°	668.1
12°	619.1
13°	570.7
14°	521.0
15°	474.5
17.5°	367.9
20°	279.3
22.5°	209.7
25°	157.5
27.5°	116.7
30°	85.7
32.5°	62.0
35°	44.6
37.5°	31.6
40°	22.1
42.5°	15.2
45°	10.8
47.5°	7.6
50°	5.7
52.5°	4.4
55°	3.8
57.5°	3.5
60°	2.8
62.5°	2.5
65°	2.5
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.3
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)