

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: P1269381

Luminaire Tested: P3A09R259740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

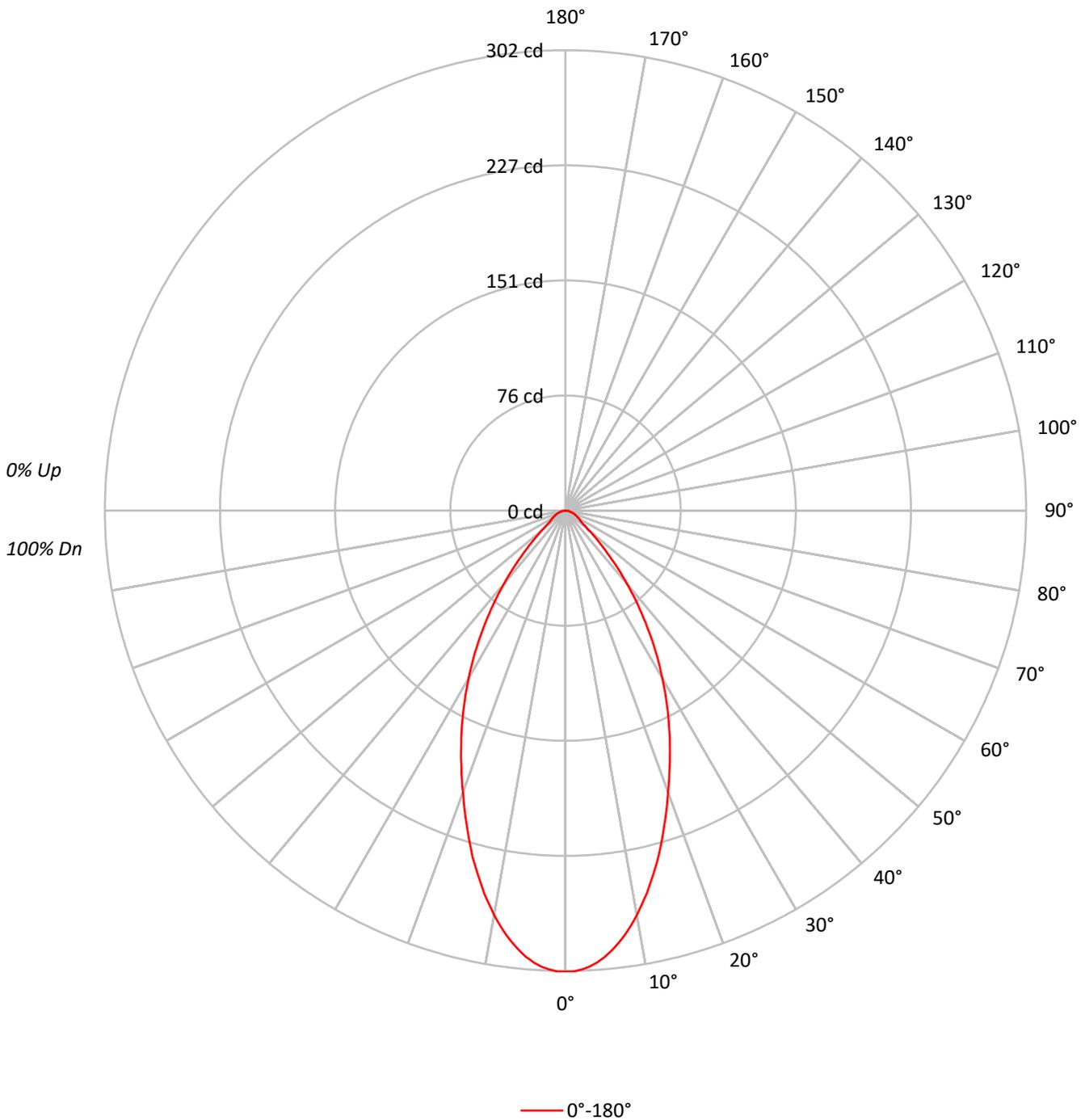
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 278.9 lumens
Efficiency: N/A
Efficacy: 25.1 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): 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	100	100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76	76	76	76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70	70	70	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48	48	48	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66310
5°	64715
10°	59986
15°	53417
20°	45901
25°	39026
30°	32132
35°	25029
40°	18005
45°	11412
50°	6755
55°	4664
60°	4254
65°	3943
70°	3590
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11412 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	9.8
10°-20°	65.3	23.4
20°-30°	73.8	26.5
30°-40°	58.4	20.9
40°-50°	29.5	10.6
50°-60°	11.8	4.2
60°-70°	7.6	2.7
70°-80°	4.2	1.5
80°-90°	1.1	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°	166.4	59.7
0°-40°	224.8	80.6
0°-60°	266.1	95.4
0°-90°	278.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	302	
5°	294	27
15°	235	65
25°	161	74
35°	94	58
45°	37	29
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	302.4
1°	302.4
2°	301.3
3°	299.6
4°	297.2
5°	294.0
6°	290.2
7°	285.7
8°	280.8
9°	275.3
10°	269.4
11°	262.8
12°	256.5
13°	249.2
14°	242.3
15°	235.3
17.5°	215.8
20°	196.7
22.5°	178.7
25°	161.3
27.5°	144.2
30°	126.9
32.5°	110.5
35°	93.5
37.5°	77.9
40°	62.9
42.5°	49.0
45°	36.8
47.5°	27.5
50°	19.8
52.5°	14.9
55°	12.2
57.5°	11.1
60°	9.7
62.5°	8.7
65°	7.6
67.5°	6.6
70°	5.6
72.5°	4.9
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)