

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: P1268624

Luminaire Tested: P3A02R309740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268624
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: P3A02R309740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

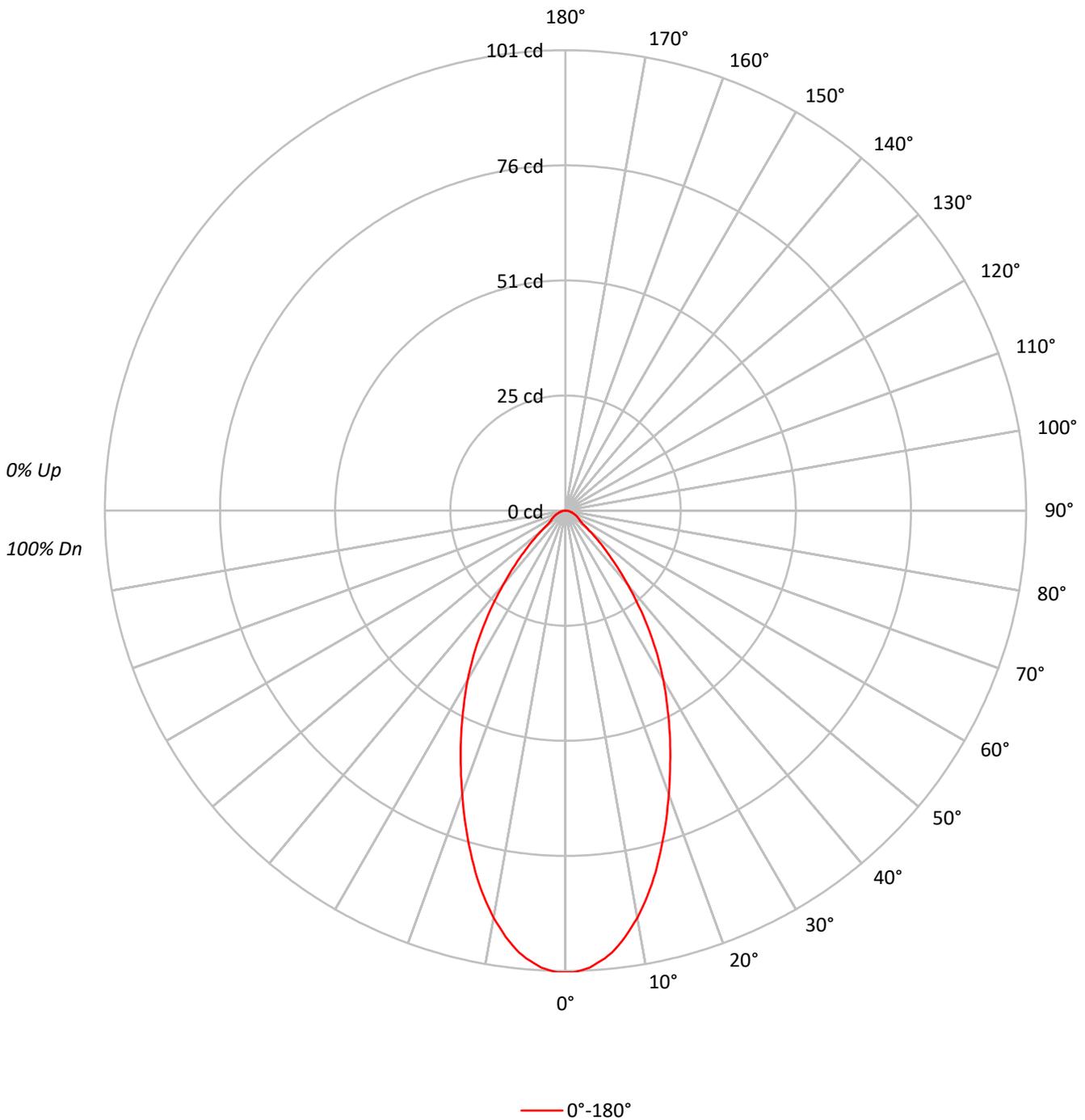
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 93.9 lumens
Efficiency: N/A
Efficacy: 26.1 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): 3.6
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
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	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	86	79	75	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	77	71	67	75	70	66	73	69	66	64			64
6	84	74	67	63	82	73	67	62	72	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	54	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°	22213
5°	21704
10°	20196
15°	17957
20°	15448
25°	13089
30°	10862
35°	8513
40°	6097
45°	4000
50°	2286
55°	1491
60°	1403
65°	1297
70°	1154
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4000 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	9.7
10°-20°	22.0	23.4
20°-30°	24.8	26.4
30°-40°	19.8	21.1
40°-50°	10.2	10.8
50°-60°	3.8	4.1
60°-70°	2.5	2.7
70°-80°	1.3	1.4
80°-90°	0.4	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°	55.9	59.6
0°-40°	75.7	80.6
0°-60°	89.7	95.5
0°-90°	93.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	93.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	101	
5°	99	9
15°	79	22
25°	54	25
35°	32	20
45°	13	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	101.3
1°	101.3
2°	100.9
3°	100.4
4°	99.5
5°	98.6
6°	97.5
7°	96.0
8°	94.4
9°	92.5
10°	90.7
11°	88.6
12°	86.4
13°	84.1
14°	81.7
15°	79.1
17.5°	72.7
20°	66.2
22.5°	60.0
25°	54.1
27.5°	48.3
30°	42.9
32.5°	37.4
35°	31.8
37.5°	26.4
40°	21.3
42.5°	16.8
45°	12.9
47.5°	9.6
50°	6.7
52.5°	4.7
55°	3.9
57.5°	3.6
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)