

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: P1259570

Luminaire Tested: P3AS09R309050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259570
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: P3AS09R309050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

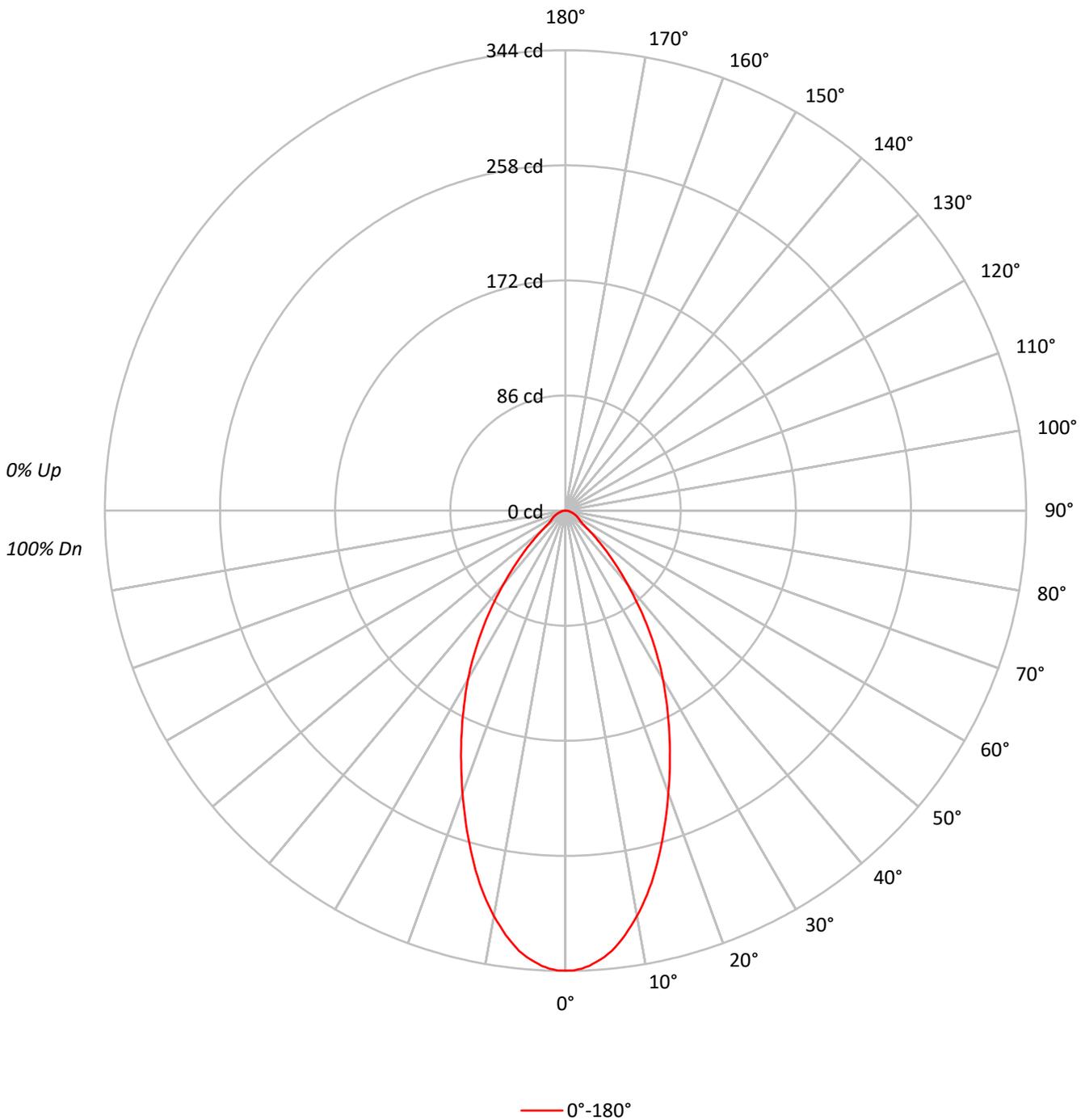
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 28.7 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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	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	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	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	53	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°	75367
5°	73674
10°	68514
15°	60954
20°	52435
25°	44422
30°	36866
35°	28911
40°	20725
45°	13583
50°	7744
55°	5085
60°	4824
65°	4462
70°	4039
75°	3643
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13583 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.1	9.7
10°-20°	74.6	23.4
20°-30°	84.1	26.4
30°-40°	67.2	21.1
40°-50°	34.5	10.8
50°-60°	13.0	4.1
60°-70°	8.5	2.7
70°-80°	4.6	1.4
80°-90°	1.3	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°	189.9	59.5
0°-40°	257.0	80.6
0°-60°	304.5	95.5
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	344	
5°	335	31
15°	268	75
25°	184	84
35°	108	67
45°	44	35
55°	13	13
65°	9	9
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	343.7
1°	343.7
2°	342.5
3°	340.6
4°	337.8
5°	334.7
6°	330.8
7°	325.7
8°	320.2
9°	313.9
10°	307.7
11°	300.6
12°	293.2
13°	285.4
14°	277.1
15°	268.5
17.5°	246.6
20°	224.7
22.5°	203.6
25°	183.6
27.5°	164.0
30°	145.6
32.5°	126.8
35°	108.0
37.5°	89.6
40°	72.4
42.5°	57.2
45°	43.8
47.5°	32.5
50°	22.7
52.5°	16.0
55°	13.3
57.5°	12.1
60°	11.0
62.5°	9.8
65°	8.6
67.5°	7.4
70°	6.3
72.5°	5.1
75°	4.3
77.5°	3.5
80°	2.7
82.5°	2.0
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)