

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: P1256973

Luminaire Tested: P3AS09R309040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256973
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: P3AS09R309040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

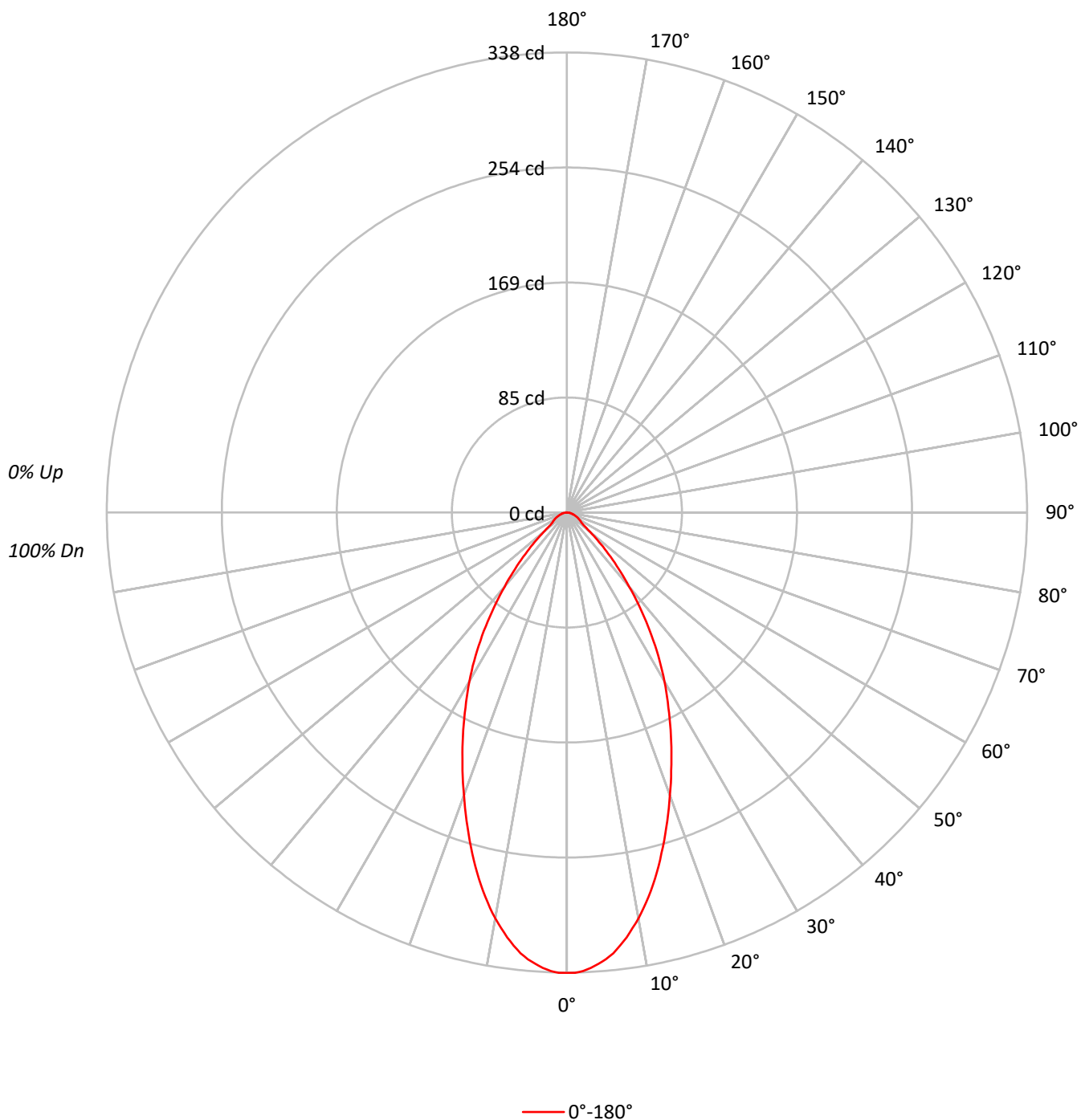
Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74183
5°	72507
10°	67445
15°	60000
20°	51618
25°	43720
30°	36284
35°	28456
40°	20410
45°	13397
50°	7607
55°	5008
60°	4736
65°	4410
70°	3975
75°	3558
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	9.7
10°-20°	73.5	23.4
20°-30°	82.8	26.4
30°-40°	66.1	21.1
40°-50°	34.0	10.8
50°-60°	12.8	4.1
60°-70°	8.4	2.7
70°-80°	4.5	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°	186.9	59.5
0°-40°	253.0	80.6
0°-60°	299.8	95.5
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	329	31
15°	264	73
25°	181	83
35°	106	66
45°	43	34
55°	13	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	338.3
1°	338.3
2°	337.1
3°	335.2
4°	332.5
5°	329.4
6°	325.6
7°	320.6
8°	315.2
9°	309.0
10°	302.9
11°	295.9
12°	288.6
13°	280.9
14°	272.8
15°	264.3
17.5°	242.7
20°	221.2
22.5°	200.4
25°	180.7
27.5°	161.4
30°	143.3
32.5°	124.8
35°	106.3
37.5°	88.2
40°	71.3
42.5°	56.3
45°	43.2
47.5°	32.0
50°	22.3
52.5°	15.8
55°	13.1
57.5°	11.9
60°	10.8
62.5°	9.6
65°	8.5
67.5°	7.3
70°	6.2
72.5°	5.0
75°	4.2
77.5°	3.5
80°	2.7
82.5°	1.9
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)