

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: P1246484

Luminaire Tested: P3A09R309024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246484
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: P3A09R309024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

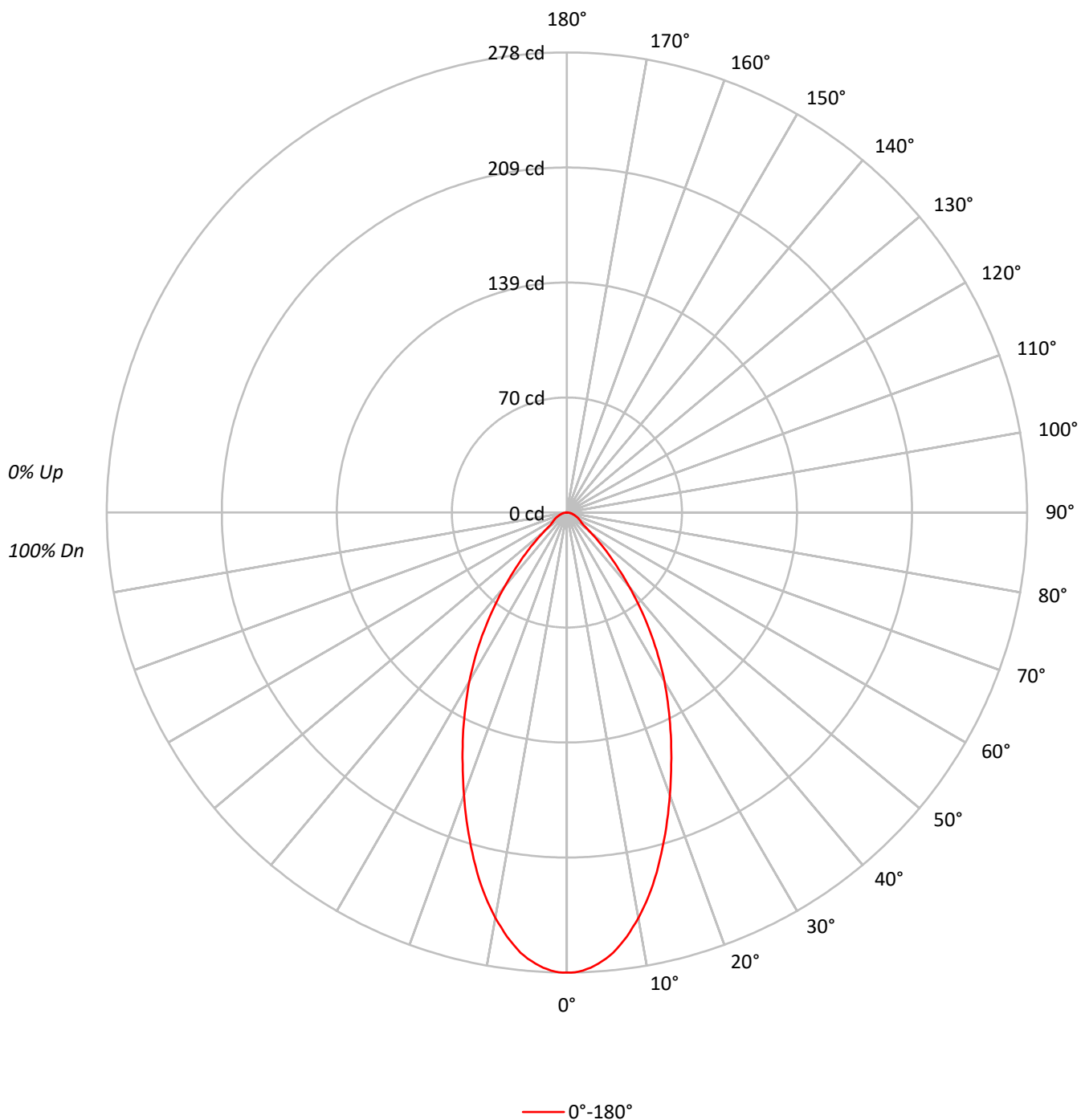
Lumens per Lamp: N/A
Luminaire Lumens: 258.0 lumens
Efficiency: N/A
Efficacy: 23.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	60960
5°	59586
10°	55399
15°	49308
20°	42400
25°	35929
30°	29827
35°	23396
40°	16774
45°	11009
50°	6277
55°	4129
60°	3903
65°	3632
70°	3270
75°	2965
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11009 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.1	9.7
10°-20°	60.4	23.4
20°-30°	68.0	26.4
30°-40°	54.3	21.1
40°-50°	27.9	10.8
50°-60°	10.5	4.1
60°-70°	6.9	2.7
70°-80°	3.7	1.4
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°	153.6	59.5
0°-40°	207.9	80.6
0°-60°	246.4	95.5
0°-90°	258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	278	
5°	271	25
15°	217	60
25°	148	68
35°	87	54
45°	36	28
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	278.0
1°	278.0
2°	277.0
3°	275.4
4°	273.2
5°	270.7
6°	267.5
7°	263.4
8°	259.0
9°	253.9
10°	248.8
11°	243.1
12°	237.1
13°	230.8
14°	224.1
15°	217.2
17.5°	199.5
20°	181.7
22.5°	164.6
25°	148.5
27.5°	132.7
30°	117.8
32.5°	102.6
35°	87.4
37.5°	72.5
40°	58.6
42.5°	46.2
45°	35.5
47.5°	26.3
50°	18.4
52.5°	13.0
55°	10.8
57.5°	9.8
60°	8.9
62.5°	7.9
65°	7.0
67.5°	6.0
70°	5.1
72.5°	4.1
75°	3.5
77.5°	2.8
80°	2.2
82.5°	1.6
85°	0.9
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)