

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: P1246452

Luminaire Tested: P3A09R259024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246452
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: P3A09R259024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

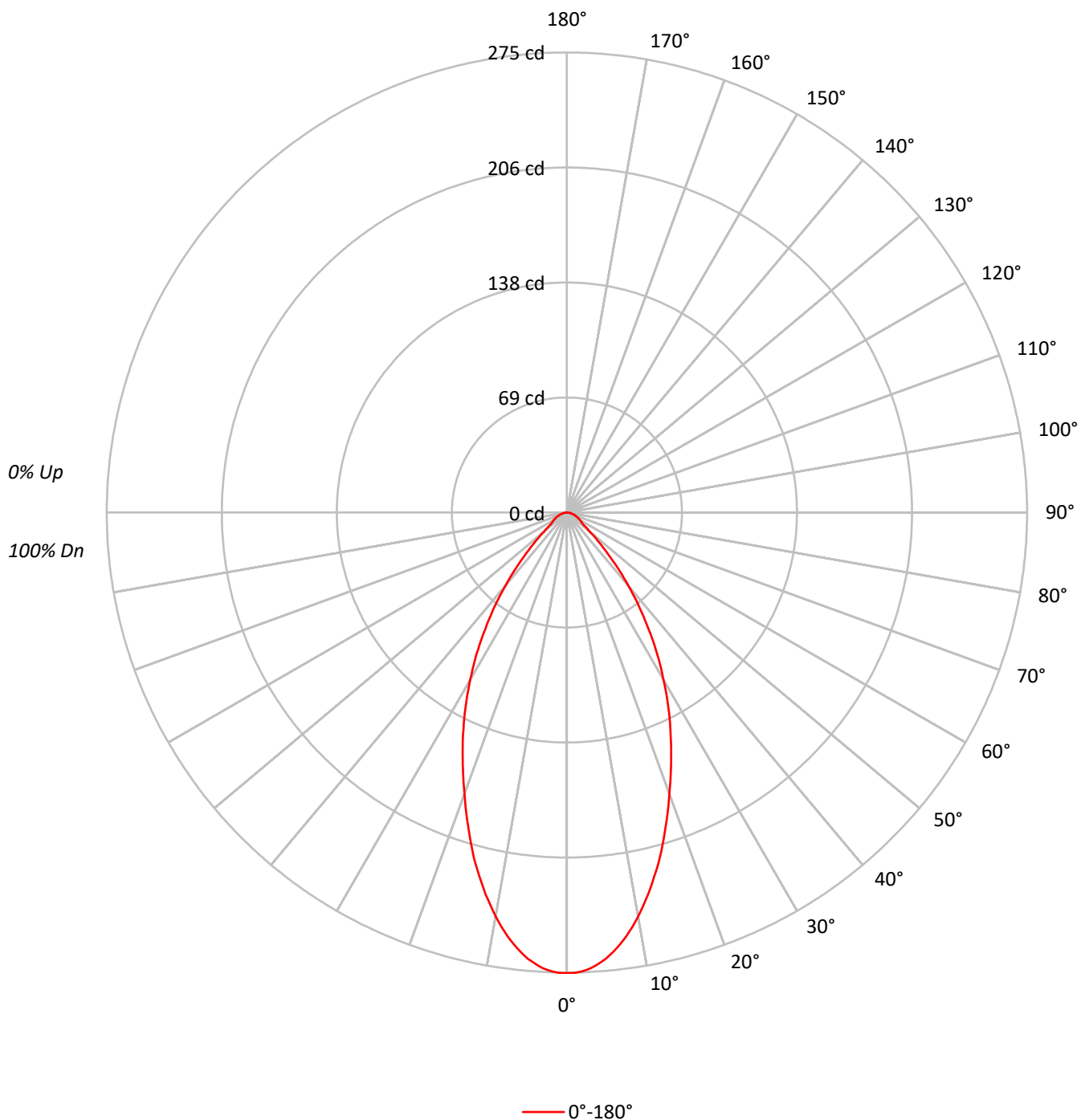
Lumens per Lamp: N/A
Luminaire Lumens: 254.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1246452

CATALOG NUMBER: P3A09R259024DE010 E3DLD1GPH

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		83
4	94	85	79	74	92	84	78	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°	60368
5°	58926
10°	54597
15°	48627
20°	41794
25°	35518
30°	29245
35°	22781
40°	16402
45°	10389
50°	6141
55°	4244
60°	3903
65°	3632
70°	3270
75°	2965
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10389 cd/sqm

TEST NUMBER: P1246452

CATALOG NUMBER: P3A09R259024DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	9.8
10°-20°	59.5	23.4
20°-30°	67.2	26.5
30°-40°	53.1	20.9
40°-50°	26.8	10.6
50°-60°	10.8	4.2
60°-70°	6.9	2.7
70°-80°	3.8	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°	151.5	59.6
0°-40°	204.6	80.6
0°-60°	242.2	95.4
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	275	
5°	268	25
15°	214	59
25°	147	67
35°	85	53
45°	34	27
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	275.3
1°	275.3
2°	274.3
3°	272.8
4°	270.5
5°	267.7
6°	264.2
7°	260.1
8°	255.7
9°	250.6
10°	245.2
11°	239.2
12°	233.5
13°	226.9
14°	220.6
15°	214.2
17.5°	196.5
20°	179.1
22.5°	162.6
25°	146.8
27.5°	131.3
30°	115.5
32.5°	100.6
35°	85.1
37.5°	70.9
40°	57.3
42.5°	44.6
45°	33.5
47.5°	25.0
50°	18.0
52.5°	13.6
55°	11.1
57.5°	10.1
60°	8.9
62.5°	7.9
65°	7.0
67.5°	6.0
70°	5.1
72.5°	4.4
75°	3.5
77.5°	2.8
80°	2.2
82.5°	1.6
85°	0.9
87.5°	0.3



TEST NUMBER: P1246452

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)