

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: P1246394

Luminaire Tested: P3A09R159024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

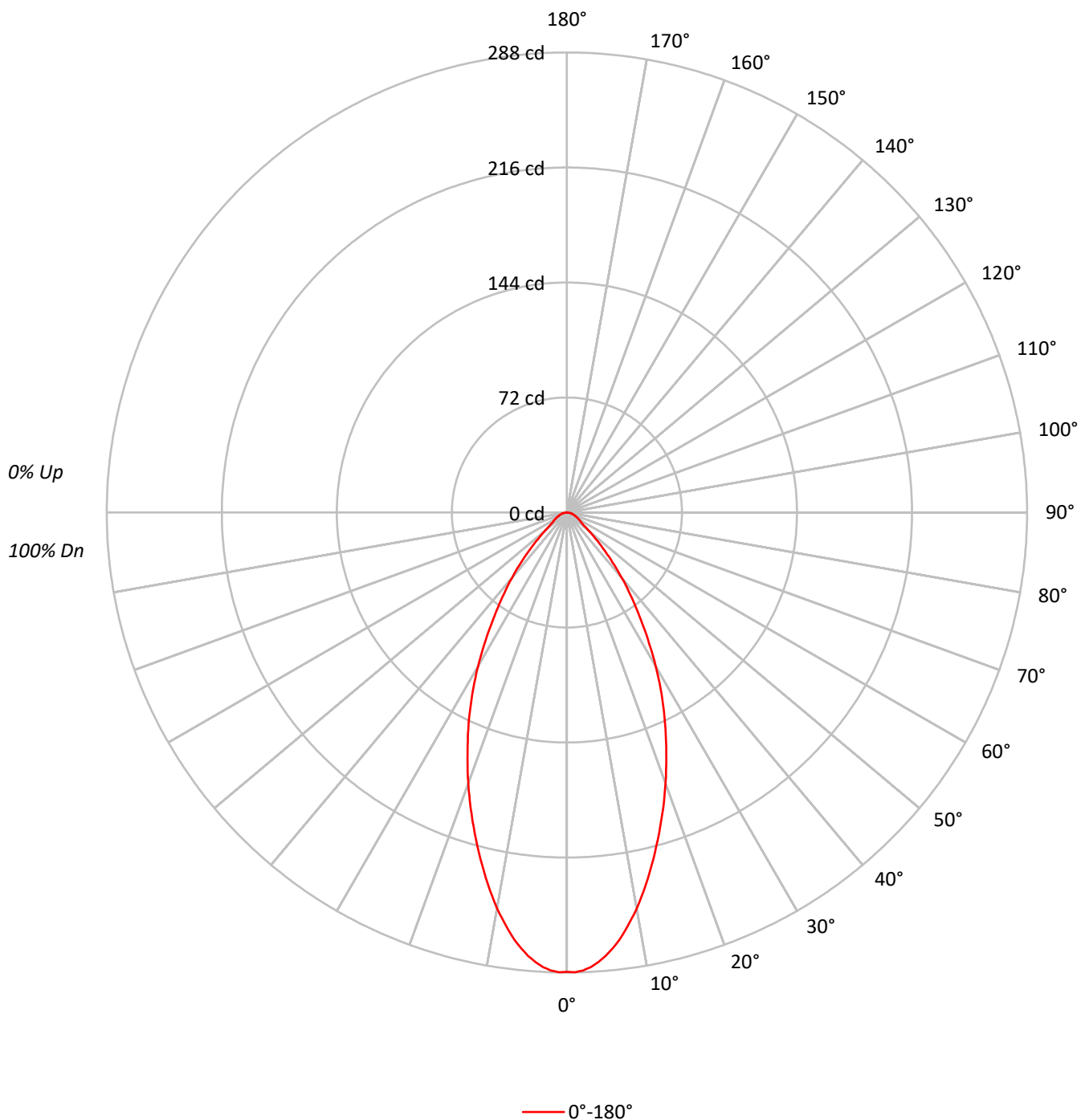
Lumens per Lamp: N/A
Luminaire Lumens: 250.1 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	47	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63065
5°	61347
10°	56067
15°	49104
20°	42120
25°	35179
30°	28156
35°	21121
40°	15314
45°	10017
50°	6277
55°	4244
60°	3772
65°	3476
70°	3270
75°	2965
80°	2778
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10017 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	10.3
10°-20°	60.3	24.1
20°-30°	66.4	26.6
30°-40°	49.7	19.9
40°-50°	25.8	10.3
50°-60°	10.7	4.3
60°-70°	6.6	2.7
70°-80°	3.7	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°	152.4	60.9
0°-40°	202.2	80.8
0°-60°	238.6	95.4
0°-90°	250.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	288	
5°	279	26
15°	216	60
25°	145	66
35°	79	50
45°	32	26
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	287.6
1°	287.9
2°	286.9
3°	285.0
4°	282.2
5°	278.7
6°	274.3
7°	269.5
8°	263.8
9°	257.8
10°	251.8
12.5°	234.4
15°	216.3
17.5°	198.3
20°	180.5
22.5°	162.5
25°	145.4
27.5°	128.3
30°	111.2
32.5°	94.4
35°	78.9
37.5°	65.6
40°	53.5
42.5°	42.4
45°	32.3
47.5°	24.4
50°	18.4
52.5°	13.6
55°	11.1
57.5°	9.8
60°	8.6
62.5°	7.6
65°	6.7
67.5°	5.7
70°	5.1
72.5°	4.1
75°	3.5
77.5°	2.9
80°	2.2
82.5°	1.6
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)