

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: P1246572

Luminaire Tested: P3A09R459024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246572
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R459024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

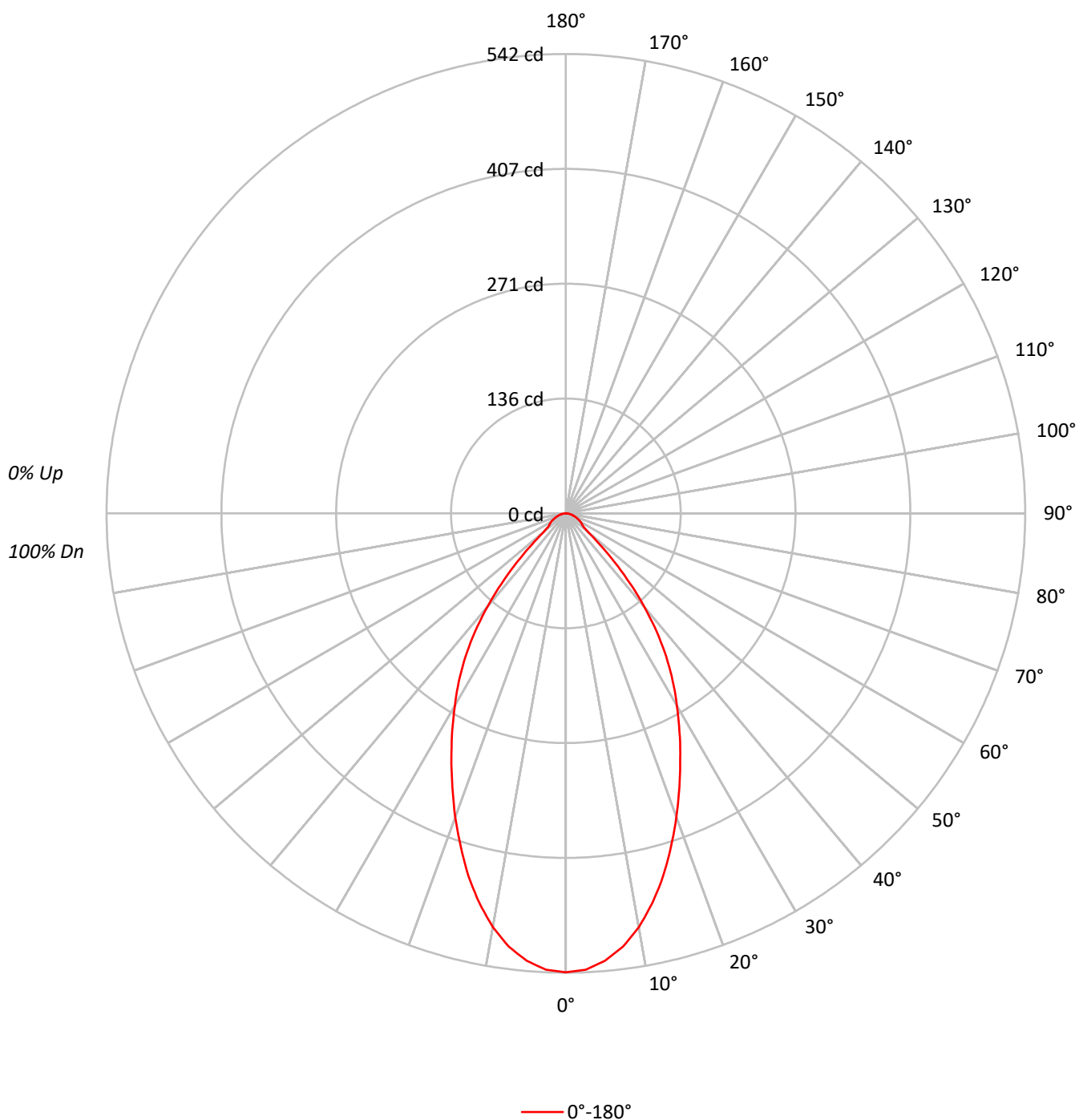
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: P3A09R459024DE010 E3DLD1MW

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	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	118740
5°	116619
10°	110352
15°	100659
20°	89001
25°	77303
30°	66339
35°	55278
40°	41191
45°	25212
50°	11667
55°	9137
60°	8771
65°	8042
70°	7437
75°	7117
80°	6566
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25212 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.5	8.8
10°-20°	123.4	22.0
20°-30°	146.7	26.2
30°-40°	127.4	22.8
40°-50°	63.9	11.4
50°-60°	22.2	4.0
60°-70°	15.6	2.8
70°-80°	8.7	1.6
80°-90°	2.6	0.5
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°	319.6	57.1
0°-40°	447.0	79.8
0°-60°	533.1	95.2
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	542	
5°	530	49
15°	443	123
25°	320	147
35°	206	127
45°	81	64
55°	24	22
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	541.5
2.5°	538.9
5°	529.8
7.5°	515.6
10°	495.6
12.5°	471.1
15°	443.4
17.5°	412.4
20°	381.4
22.5°	349.8
25°	319.5
27.5°	290.4
30°	262.0
32.5°	234.9
35°	206.5
37.5°	176.2
40°	143.9
42.5°	112.3
45°	81.3
47.5°	53.6
50°	34.2
52.5°	26.5
55°	23.9
57.5°	21.9
60°	20.0
62.5°	18.1
65°	15.5
67.5°	13.6
70°	11.6
72.5°	9.7
75°	8.4
77.5°	6.5
80°	5.2
82.5°	3.9
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)