

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: P1286964

Luminaire Tested: P3AS09R609030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286964
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

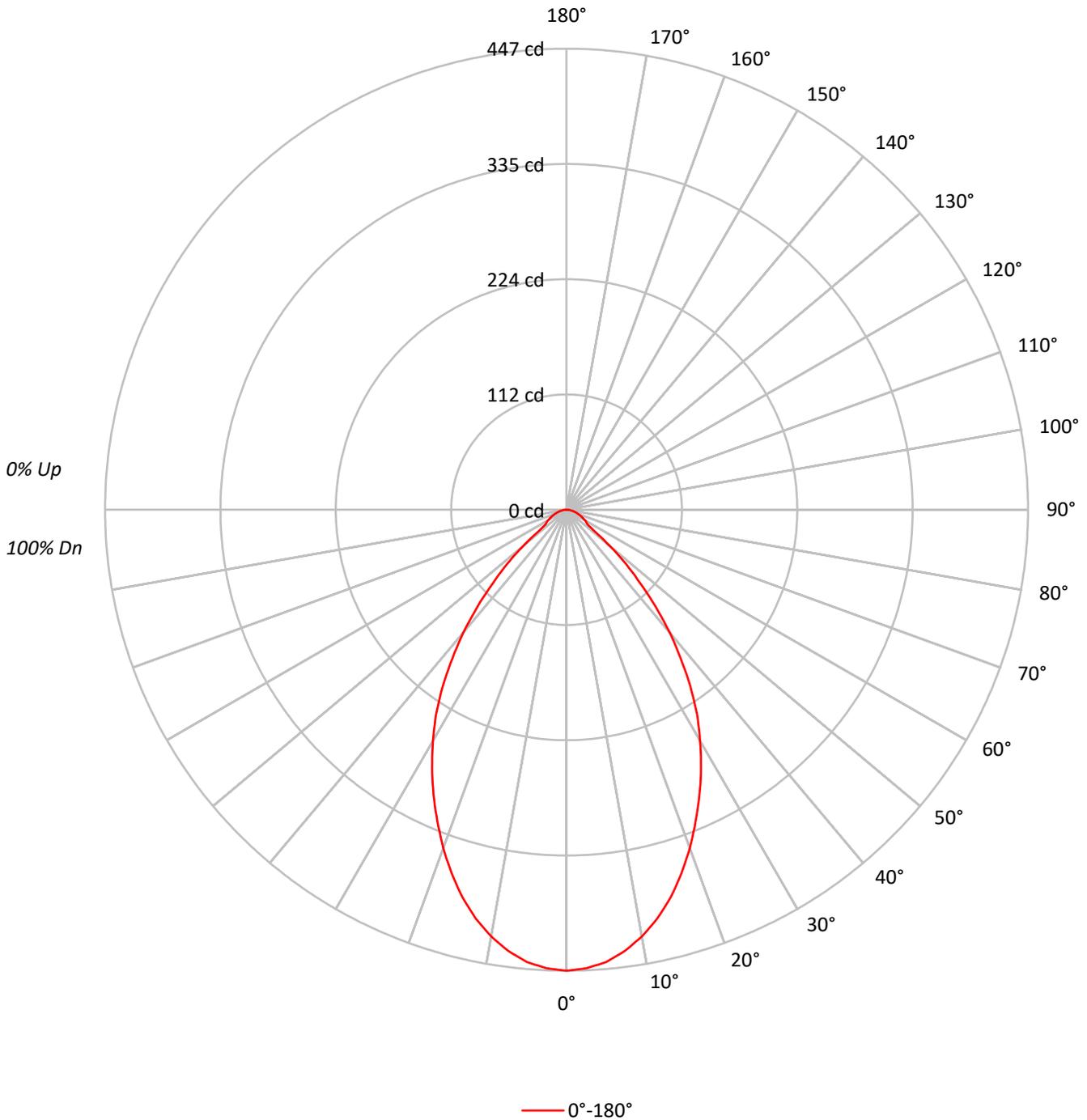
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 552.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97997
5°	96896
10°	93541
15°	88355
20°	81440
25°	73746
30°	65478
35°	55948
40°	44483
45°	31383
50°	18729
55°	9481
60°	9122
65°	8354
70°	7758
75°	7371
80°	6819
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31383 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	7.5
10°-20°	108.8	19.7
20°-30°	139.7	25.3
30°-40°	129.5	23.5
40°-50°	78.9	14.3
50°-60°	26.3	4.8
60°-70°	16.0	2.9
70°-80°	9.0	1.6
80°-90°	2.5	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°	289.8	52.5
0°-40°	419.3	76.0
0°-60°	524.5	95.0
0°-90°	552.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	552.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	447	
5°	440	41
15°	389	109
25°	305	140
35°	209	130
45°	101	79
55°	25	26
65°	16	16
75°	9	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	446.9
2.5°	444.9
5°	440.2
7.5°	431.5
10°	420.1
12.5°	406.0
15°	389.2
17.5°	369.8
20°	349.0
22.5°	326.9
25°	304.8
27.5°	282.1
30°	258.6
32.5°	235.2
35°	209.0
37.5°	181.6
40°	155.4
42.5°	128.0
45°	101.2
47.5°	78.4
50°	54.9
52.5°	32.8
55°	24.8
57.5°	22.8
60°	20.8
62.5°	18.1
65°	16.1
67.5°	14.1
70°	12.1
72.5°	10.0
75°	8.7
77.5°	6.7
80°	5.4
82.5°	3.3
85°	2.0
87.5°	1.3
90°	0.0

(END OF REPORT)