

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: P1286822

Luminaire Tested: P3AS09R359030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286822
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359030D2WDE010 E3DLD1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

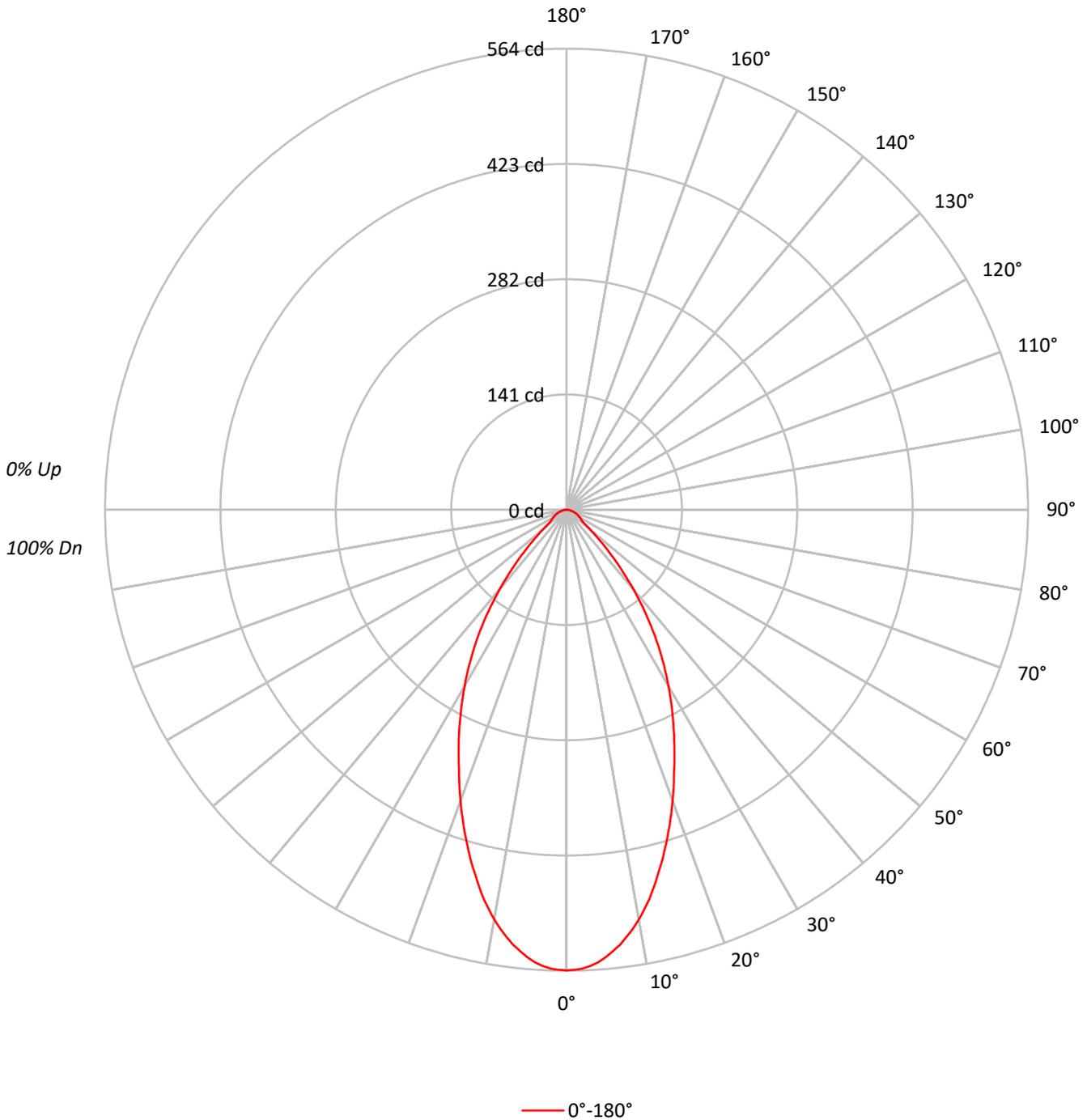
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 541.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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				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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123587
5°	120955
10°	113291
15°	101680
20°	88464
25°	75367
30°	63149
35°	50299
40°	36354
45°	23010
50°	12554
55°	8678
60°	8201
65°	7627
70°	7309
75°	6270
80°	5935
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23010 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.1	9.5
10°-20°	124.6	23.0
20°-30°	142.8	26.4
30°-40°	116.6	21.5
40°-50°	58.8	10.9
50°-60°	21.8	4.0
60°-70°	14.6	2.7
70°-80°	8.1	1.5
80°-90°	2.4	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°	318.6	58.9
0°-40°	435.2	80.4
0°-60°	515.8	95.3
0°-90°	541.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	541.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	564	
5°	550	51
15°	448	125
25°	312	143
35°	188	117
45°	74	59
55°	23	22
65°	15	15
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	563.6
1°	562.9
2°	561.6
3°	558.9
4°	554.9
5°	549.5
6°	542.8
7°	536.2
8°	527.5
9°	518.8
10°	508.8
11°	498.1
12°	486.7
13°	474.0
14°	460.6
15°	447.9
17.5°	413.8
20°	379.1
22.5°	343.6
25°	311.5
27.5°	280.1
30°	249.4
32.5°	218.6
35°	187.9
37.5°	157.1
40°	127.0
42.5°	98.9
45°	74.2
47.5°	53.5
50°	36.8
52.5°	26.7
55°	22.7
57.5°	20.7
60°	18.7
62.5°	16.7
65°	14.7
67.5°	12.7
70°	11.4
72.5°	9.4
75°	7.4
77.5°	6.0
80°	4.7
82.5°	3.3
85°	2.0
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)