

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: P1258852

Luminaire Tested: P3AS02R309050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258852
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

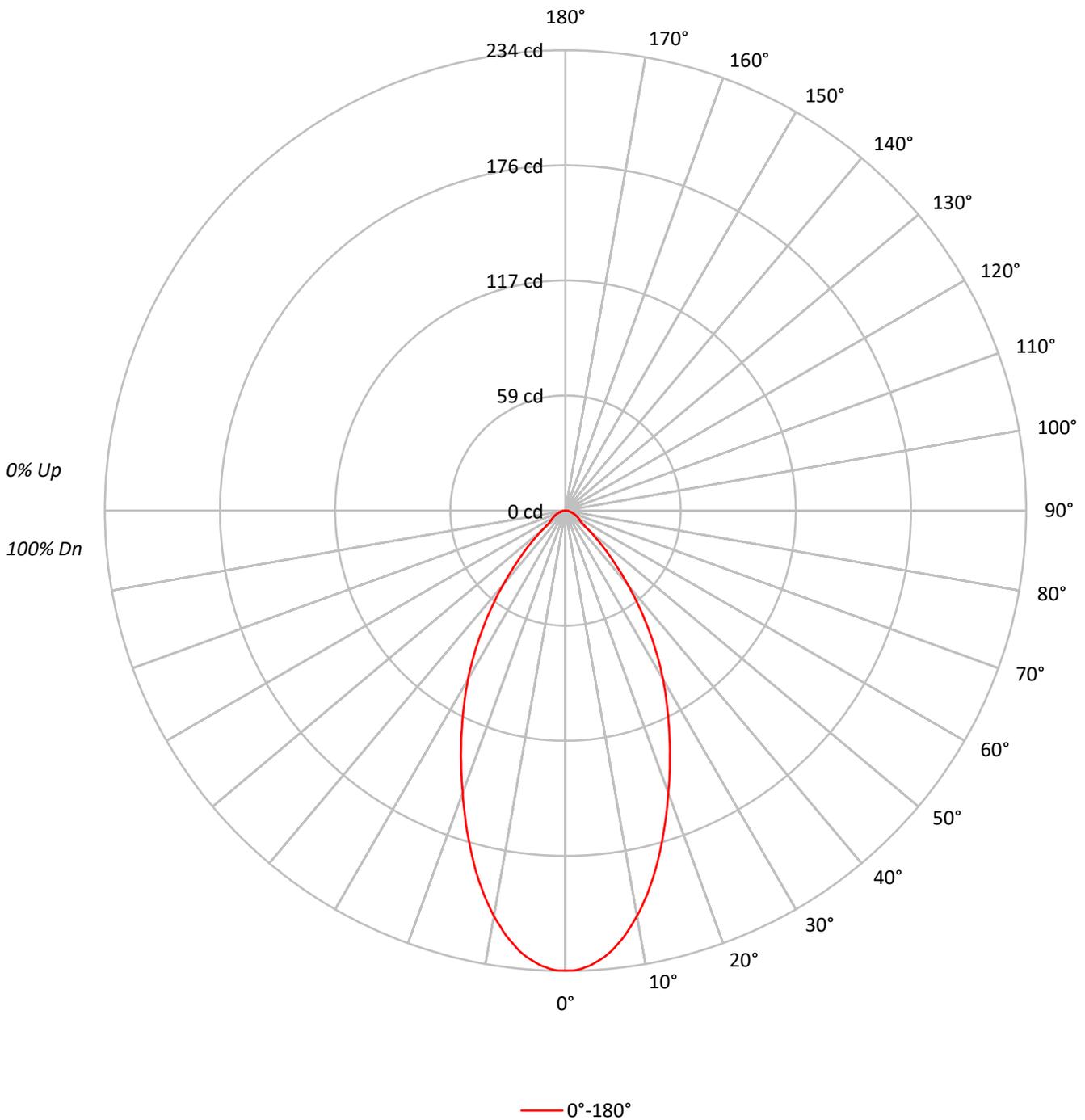
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 217.1 lumens
Efficiency: N/A
Efficacy: 60.3 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): 3.6
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	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51268
5°	50121
10°	46603
15°	41476
20°	35656
25°	30219
30°	25092
35°	19675
40°	14112
45°	9241
50°	5254
55°	3479
60°	3289
65°	3061
70°	2757
75°	2457
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9241 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	9.7
10°-20°	50.8	23.4
20°-30°	57.2	26.4
30°-40°	45.7	21.1
40°-50°	23.5	10.8
50°-60°	8.9	4.1
60°-70°	5.8	2.7
70°-80°	3.1	1.4
80°-90°	0.9	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°	129.2	59.5
0°-40°	174.9	80.5
0°-60°	207.2	95.4
0°-90°	217.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	217.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	234	
5°	228	21
15°	183	51
25°	125	57
35°	74	46
45°	30	23
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	233.8
1°	233.8
2°	233.0
3°	231.7
4°	229.8
5°	227.7
6°	225.0
7°	221.5
8°	217.8
9°	213.6
10°	209.3
11°	204.5
12°	199.4
13°	194.1
14°	188.5
15°	182.7
17.5°	167.8
20°	152.8
22.5°	138.5
25°	124.9
27.5°	111.6
30°	99.1
32.5°	86.3
35°	73.5
37.5°	61.0
40°	49.3
42.5°	38.9
45°	29.8
47.5°	22.1
50°	15.4
52.5°	10.9
55°	9.1
57.5°	8.3
60°	7.5
62.5°	6.7
65°	5.9
67.5°	5.1
70°	4.3
72.5°	3.5
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)