

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: P1261046

Luminaire Tested: P3AS24R309050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261046
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: P3AS24R309050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

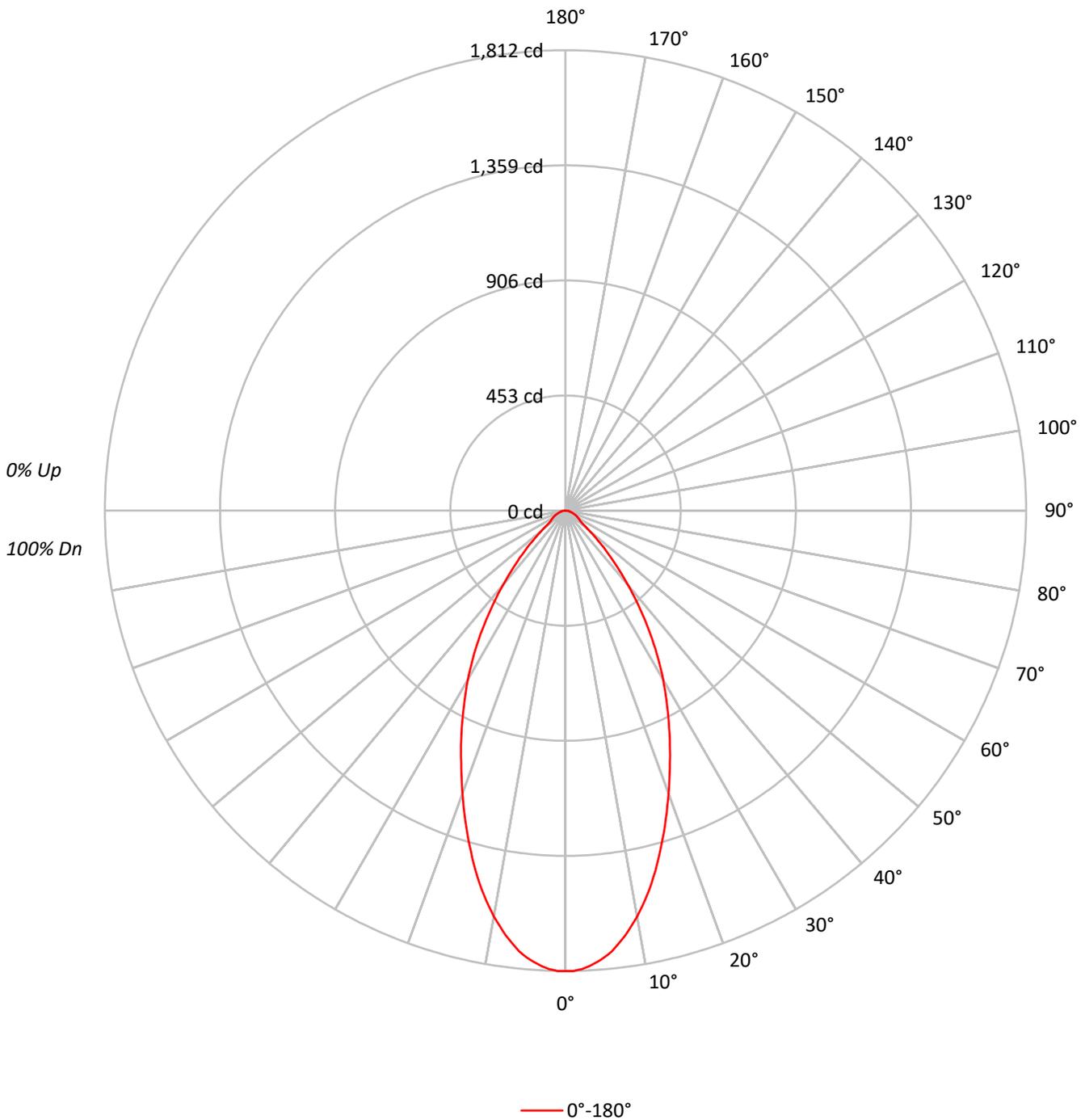
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1682.0 lumens
Efficiency: N/A
Efficacy: 58.4 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): 28.8
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	84	80	78	76			76
4	94	85	79	74	92	84	79	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°	397380
5°	388443
10°	361227
15°	321432
20°	276454
25°	234207
30°	194410
35°	152504
40°	109290
45°	71697
50°	40834
55°	26838
60°	25349
65°	23556
70°	21157
75°	19232
80°	18184
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 71697 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.8	9.7
10°-20°	393.6	23.4
20°-30°	443.6	26.4
30°-40°	354.2	21.1
40°-50°	182.0	10.8
50°-60°	68.5	4.1
60°-70°	44.9	2.7
70°-80°	24.2	1.4
80°-90°	7.0	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°	1001.0	59.5
0°-40°	1355.3	80.6
0°-60°	1605.8	95.5
0°-90°	1682.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1682.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1812	
5°	1765	164
15°	1416	394
25°	968	444
35°	570	354
45°	231	182
55°	70	69
65°	45	45
75°	23	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1812.2
1°	1812.2
2°	1806.0
3°	1795.7
4°	1781.2
5°	1764.7
6°	1744.1
7°	1717.2
8°	1688.3
9°	1655.3
10°	1622.3
11°	1585.1
12°	1545.9
13°	1504.6
14°	1461.3
15°	1415.9
17.5°	1300.3
20°	1184.7
22.5°	1073.3
25°	968.0
27.5°	864.8
30°	767.8
32.5°	668.7
35°	569.7
37.5°	472.7
40°	381.8
42.5°	301.3
45°	231.2
47.5°	171.3
50°	119.7
52.5°	84.6
55°	70.2
57.5°	64.0
60°	57.8
62.5°	51.6
65°	45.4
67.5°	39.2
70°	33.0
72.5°	26.8
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)