

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: P1259974

Luminaire Tested: P3AS13R309050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259974
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

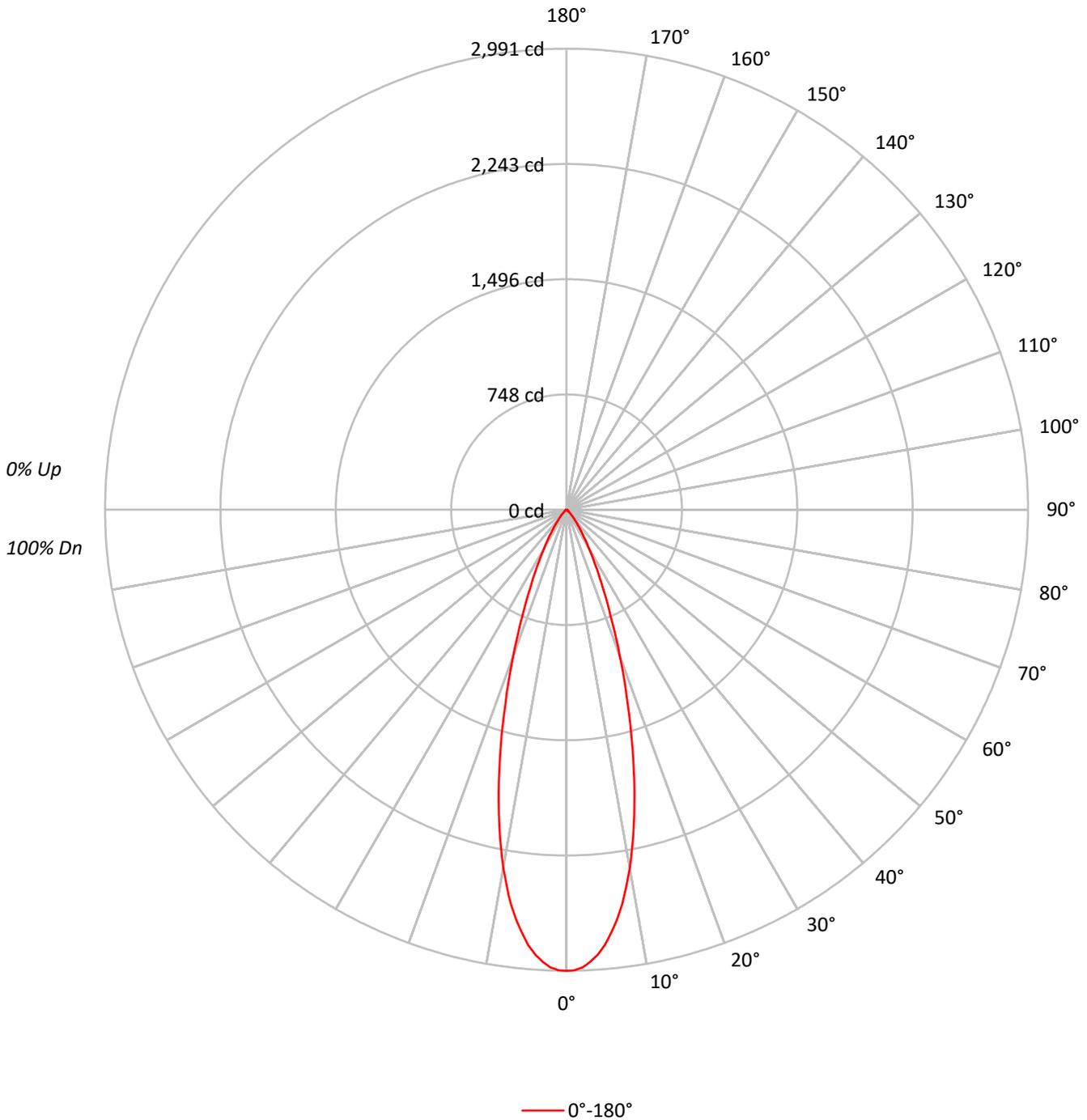
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1124.0 lumens
Efficiency: N/A
Efficacy: 77.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	655890
5°	624277
10°	525107
15°	378685
20°	234894
25°	133580
30°	74214
35°	40368
40°	21268
45°	11536
50°	6175
55°	4052
60°	3728
65°	3840
70°	3398
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11536 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.4	22.7
10°-20°	454.0	40.4
20°-30°	262.4	23.3
30°-40°	99.6	8.9
40°-50°	30.6	2.7
50°-60°	10.3	0.9
60°-70°	7.0	0.6
70°-80°	3.8	0.3
80°-90°	1.2	0.1
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°	971.7	86.4
0°-40°	1071.3	95.3
0°-60°	1112.1	98.9
0°-90°	1124.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1124.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2991	
5°	2836	255
15°	1668	454
25°	552	262
35°	151	100
45°	37	31
55°	11	10
65°	7	7
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2991.1
1°	2989.0
2°	2970.9
3°	2936.9
4°	2894.5
5°	2836.1
6°	2761.7
7°	2678.9
8°	2586.5
9°	2476.1
10°	2358.3
11°	2230.8
12°	2096.0
13°	1954.8
14°	1811.4
15°	1668.1
17.5°	1315.6
20°	1006.6
22.5°	746.4
25°	552.1
27.5°	401.4
30°	293.1
32.5°	211.3
35°	150.8
37.5°	105.1
40°	74.3
42.5°	52.0
45°	37.2
47.5°	25.5
50°	18.1
52.5°	12.7
55°	10.6
57.5°	9.6
60°	8.5
62.5°	7.4
65°	7.4
67.5°	6.4
70°	5.3
72.5°	4.2
75°	3.2
77.5°	3.2
80°	2.1
82.5°	2.1
85°	1.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)