

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: P1259916

Luminaire Tested: P3AS13R209050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

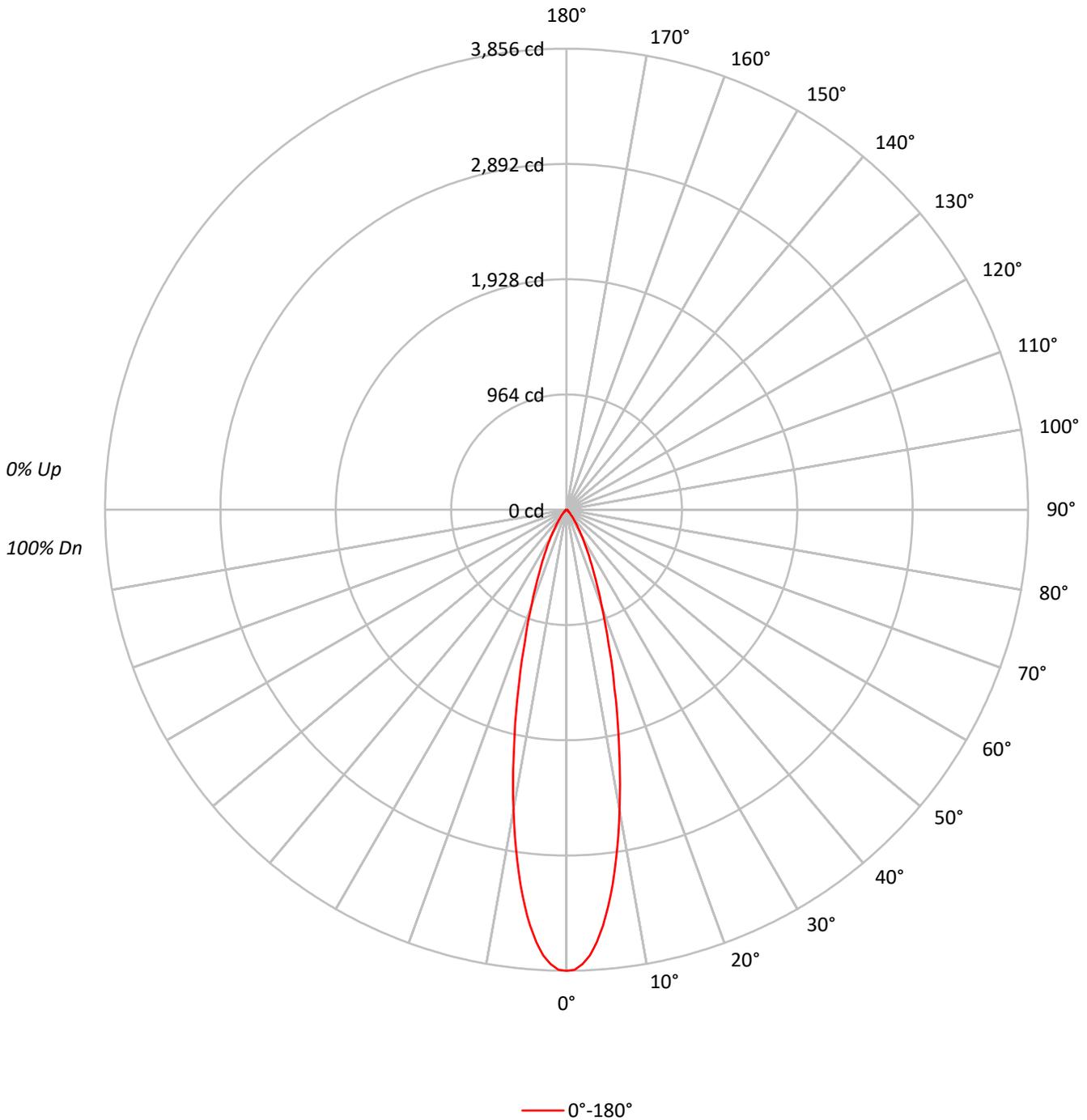
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1099.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	845546
5°	768631
10°	568059
15°	351398
20°	200684
25°	114563
30°	64238
35°	34961
40°	19150
45°	10544
50°	6141
55°	4473
60°	4210
65°	3840
70°	3398
75°	3558
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10544 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	302.4	27.5
10°-20°	431.7	39.3
20°-30°	225.3	20.5
30°-40°	87.1	7.9
40°-50°	28.3	2.6
50°-60°	11.1	1.0
60°-70°	7.4	0.7
70°-80°	4.3	0.4
80°-90°	1.5	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°	959.3	87.3
0°-40°	1046.5	95.2
0°-60°	1085.9	98.8
0°-90°	1099.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1099.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3856	
5°	3492	302
15°	1548	432
25°	474	225
35°	131	87
45°	34	28
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3856.0
1°	3848.6
2°	3803.0
3°	3732.9
4°	3624.6
5°	3491.9
6°	3334.8
7°	3160.6
8°	2958.9
9°	2762.5
10°	2551.2
12.5°	2027.8
15°	1547.9
17.5°	1158.3
20°	860.0
22.5°	637.0
25°	473.5
27.5°	349.3
30°	253.7
32.5°	183.7
35°	130.6
37.5°	94.5
40°	66.9
42.5°	47.8
45°	34.0
47.5°	24.4
50°	18.0
52.5°	13.8
55°	11.7
57.5°	10.6
60°	9.6
62.5°	8.5
65°	7.4
67.5°	6.4
70°	5.3
72.5°	5.3
75°	4.2
77.5°	3.2
80°	2.1
82.5°	2.1
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)