

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: P1260950

Luminaire Tested: P3AS24R159050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260950
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

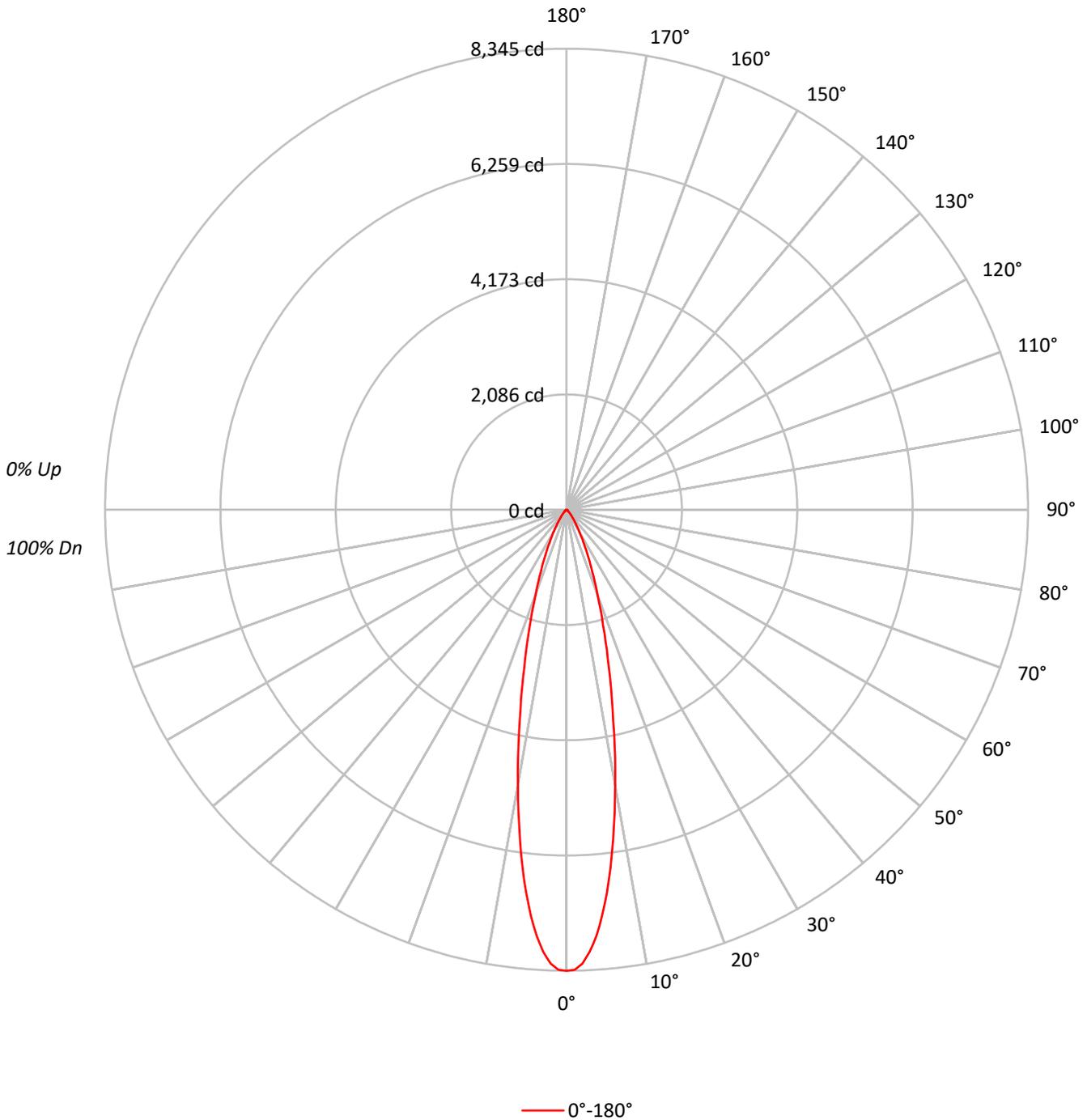
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2142.0 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	93	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	90	88	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	86	85	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	82	81	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	79	78	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	76	75	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	73	72	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	71	70	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	68	67	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	66	65	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1829831
5°	1624253
10°	1127968
15°	667064
20°	379923
25°	217174
30°	120170
35°	64086
40°	35438
45°	19196
50°	11974
55°	9481
60°	8157
65°	7472
70°	6604
75°	7032
80°	5177
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19196 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	627.5	29.3
10°-20°	828.1	38.7
20°-30°	426.4	19.9
30°-40°	160.1	7.5
40°-50°	52.4	2.4
50°-60°	22.5	1.1
60°-70°	14.3	0.7
70°-80°	8.4	0.4
80°-90°	2.2	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°	1882.0	87.9
0°-40°	2042.1	95.3
0°-60°	2117.0	98.8
0°-90°	2142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8345	
5°	7379	627
15°	2938	828
25°	898	426
35°	239	160
45°	62	52
55°	25	23
65°	14	14
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	8344.7
1°	8328.2
2°	8218.8
3°	8010.4
4°	7736.0
5°	7379.0
6°	6974.5
7°	6530.9
8°	6037.7
9°	5550.7
10°	5065.8
12.5°	3897.9
15°	2938.4
17.5°	2199.7
20°	1628.1
22.5°	1215.4
25°	897.6
27.5°	654.1
30°	474.6
32.5°	336.3
35°	239.4
37.5°	171.3
40°	123.8
42.5°	88.7
45°	61.9
47.5°	45.4
50°	35.1
52.5°	28.9
55°	24.8
57.5°	20.6
60°	18.6
62.5°	16.5
65°	14.4
67.5°	12.4
70°	10.3
72.5°	10.3
75°	8.3
77.5°	6.2
80°	4.1
82.5°	4.1
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)