

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: P1261270

Luminaire Tested: P3AS24R709050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261270
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

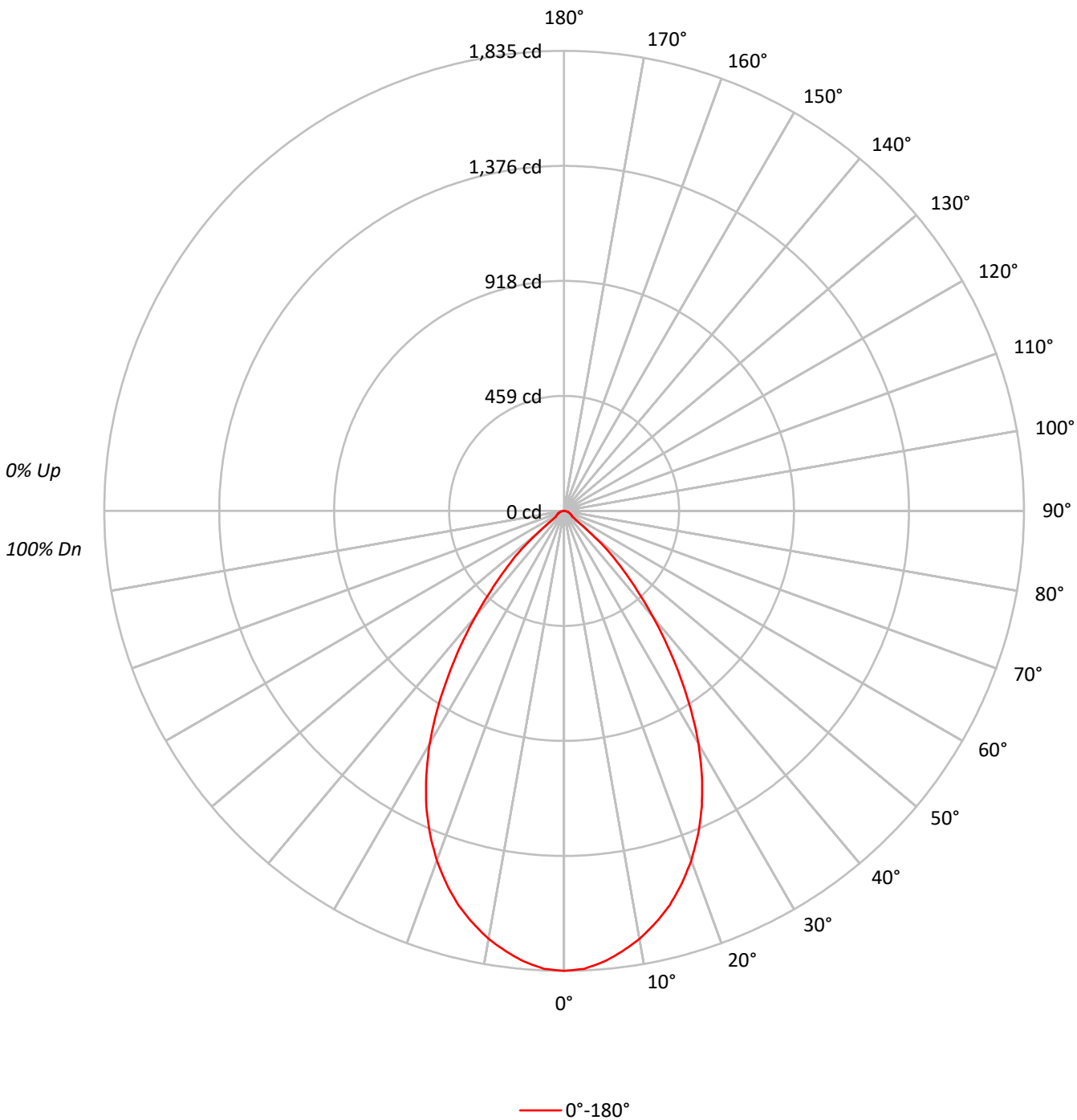
Lumens per Lamp: N/A
Luminaire Lumens: 2078.0 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	402292
5°	397468
10°	385965
15°	369628
20°	346227
25°	314558
30°	271713
35°	216536
40°	157724
45°	103670
50°	48578
55°	14986
60°	14473
65°	13906
70°	13207
75°	13979
80°	13007
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 103670 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.0	8.2
10°-20°	455.7	21.9
20°-30°	592.3	28.5
30°-40°	502.5	24.2
40°-50°	259.1	12.5
50°-60°	49.9	2.4
60°-70°	27.1	1.3
70°-80°	16.6	0.8
80°-90°	4.8	0.2
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°	1218.0	58.6
0°-40°	1720.5	82.8
0°-60°	2029.6	97.7
0°-90°	2078.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2078.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1835	
5°	1806	170
15°	1628	456
25°	1300	592
35°	809	503
45°	334	259
55°	39	50
65°	27	27
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1834.6
2.5°	1828.4
5°	1805.7
7.5°	1772.6
10°	1733.4
12.5°	1683.9
15°	1628.2
17.5°	1560.1
20°	1483.7
22.5°	1397.1
25°	1300.1
27.5°	1190.7
30°	1073.1
32.5°	943.1
35°	808.9
37.5°	676.9
40°	551.0
42.5°	433.4
45°	334.3
47.5°	245.6
50°	142.4
52.5°	61.9
55°	39.2
57.5°	37.1
60°	33.0
62.5°	31.0
65°	26.8
67.5°	24.8
70°	20.6
72.5°	18.6
75°	16.5
77.5°	12.4
80°	10.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)