

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: P1253143

Luminaire Tested: P3AS24R509030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253143
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

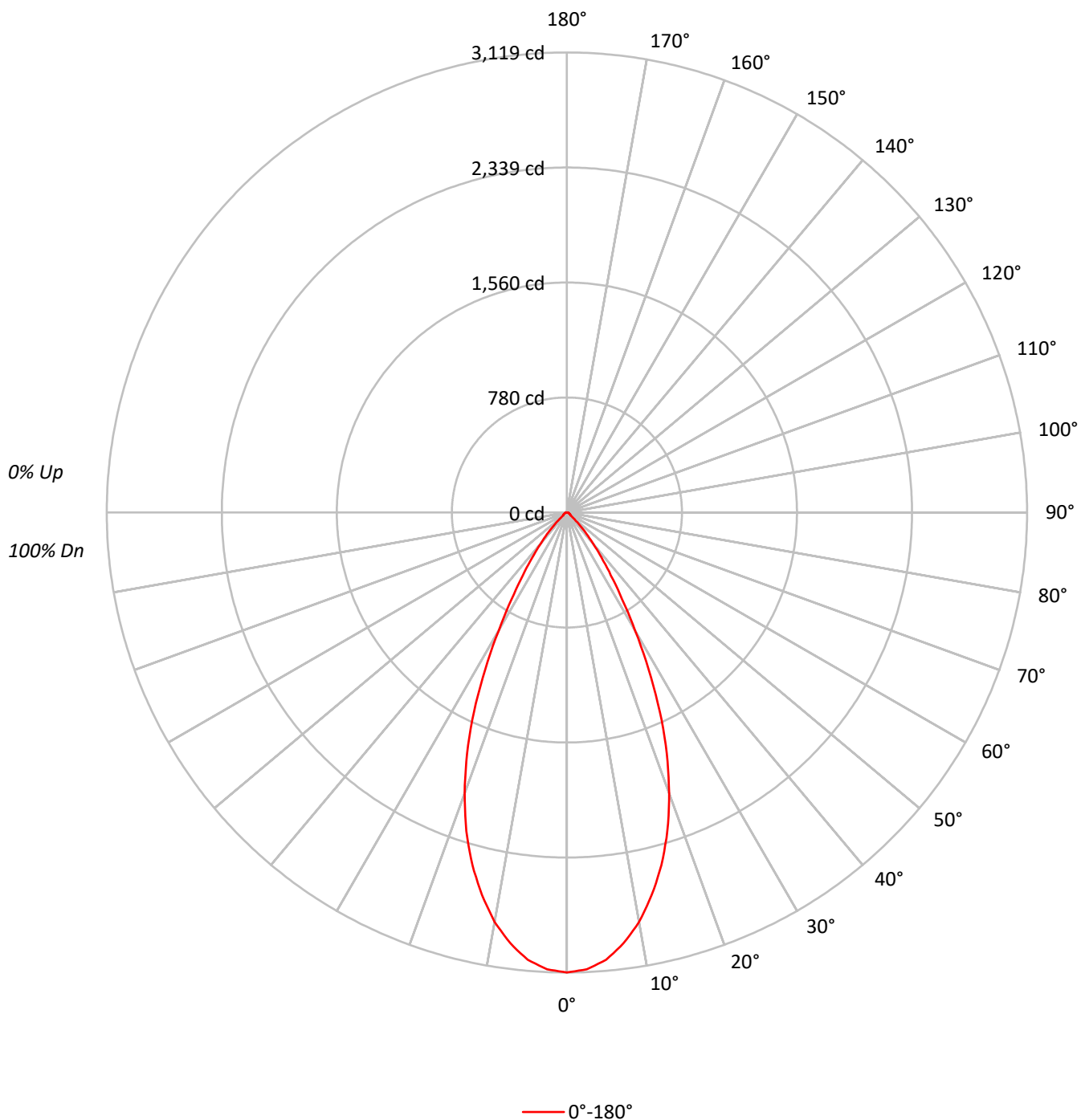
Lumens per Lamp: N/A
Luminaire Lumens: 2148.0 lumens
Efficiency: N/A
Efficacy: 74.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	683893
5°	670106
10°	627666
15°	561887
20°	472844
25°	360892
30°	234542
35°	139066
40°	80351
45°	40283
50°	14976
55°	11699
60°	10876
65°	9910
70°	9809
75°	9743
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40283 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	283.2	13.2
10°-20°	684.5	31.9
20°-30°	671.5	31.3
30°-40°	338.3	15.8
40°-50°	106.9	5.0
50°-60°	27.7	1.3
60°-70°	19.6	0.9
70°-80°	12.1	0.6
80°-90°	4.1	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°	1639.2	76.3
0°-40°	1977.6	92.1
0°-60°	2112.2	98.3
0°-90°	2148.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2148.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3119	
5°	3044	283
15°	2475	684
25°	1492	672
35°	520	338
45°	130	107
55°	31	28
65°	19	20
75°	12	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3118.8
2.5°	3099.7
5°	3044.3
7.5°	2945.0
10°	2818.9
12.5°	2656.6
15°	2475.1
17.5°	2265.1
20°	2026.3
22.5°	1768.5
25°	1491.6
27.5°	1197.5
30°	926.3
32.5°	697.1
35°	519.5
37.5°	383.9
40°	280.7
42.5°	198.6
45°	129.9
47.5°	74.5
50°	43.9
52.5°	32.5
55°	30.6
57.5°	26.7
60°	24.8
62.5°	22.9
65°	19.1
67.5°	17.2
70°	15.3
72.5°	13.4
75°	11.5
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)