

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: P1261151

Luminaire Tested: P3AS24R509050D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261151
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: P3AS24R509050D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

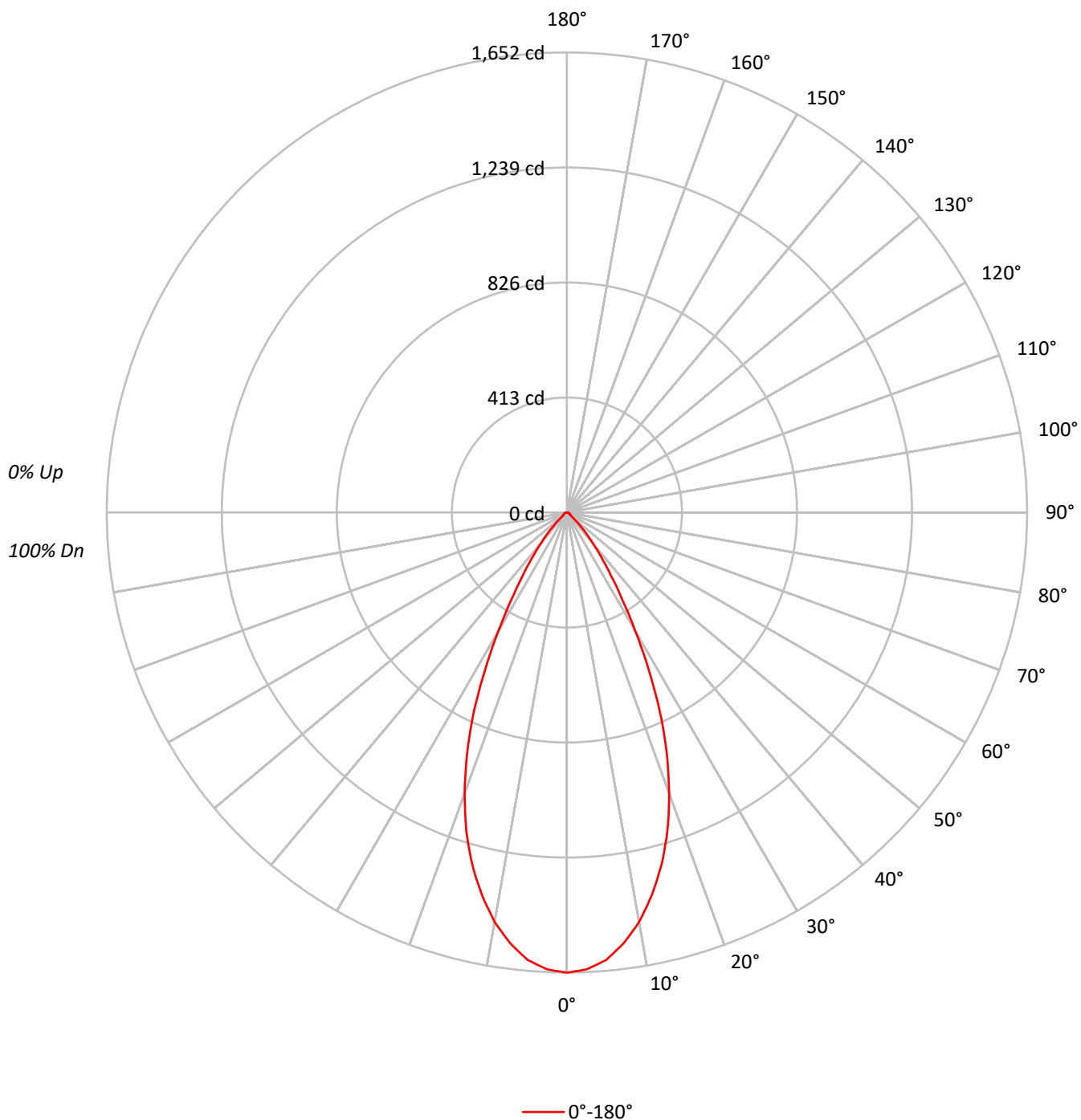
Lumens per Lamp: N/A
Luminaire Lumens: 1138.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	362317
5°	355007
10°	332526
15°	297686
20°	250505
25°	191188
30°	124247
35°	73669
40°	42565
45°	21336
50°	7949
55°	6193
60°	5789
65°	5241
70°	5193
75°	5168
80°	5051
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21336 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.0	13.2
10°-20°	362.6	31.9
20°-30°	355.8	31.3
30°-40°	179.2	15.7
40°-50°	56.6	5.0
50°-60°	14.7	1.3
60°-70°	10.4	0.9
70°-80°	6.4	0.6
80°-90°	2.2	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°	868.4	76.3
0°-40°	1047.7	92.1
0°-60°	1119.0	98.3
0°-90°	1138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1652	
5°	1613	150
15°	1311	363
25°	790	356
35°	275	179
45°	69	57
55°	16	15
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1652.3
2.5°	1642.2
5°	1612.8
7.5°	1560.2
10°	1493.4
12.5°	1407.4
15°	1311.3
17.5°	1200.0
20°	1073.5
22.5°	936.9
25°	790.2
27.5°	634.4
30°	490.7
32.5°	369.3
35°	275.2
37.5°	203.4
40°	148.7
42.5°	105.2
45°	68.8
47.5°	39.5
50°	23.3
52.5°	17.2
55°	16.2
57.5°	14.2
60°	13.2
62.5°	12.1
65°	10.1
67.5°	9.1
70°	8.1
72.5°	7.1
75°	6.1
77.5°	5.1
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)