

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: P1260947

Luminaire Tested: P3AS24R159050D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260947
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 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

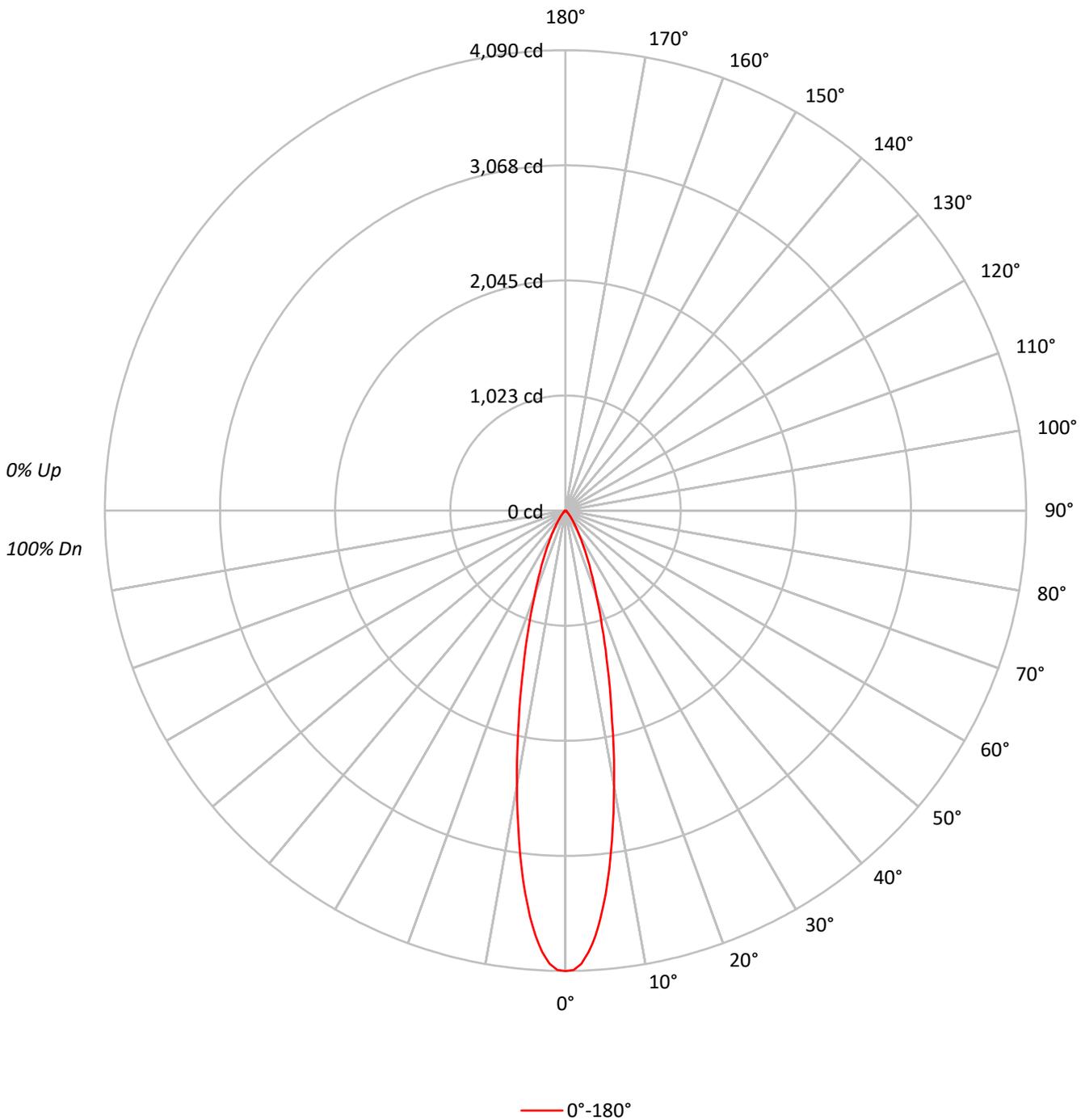
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1050.0 lumens
Efficiency: N/A
Efficacy: 36.5 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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	89	87	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	74	70	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	896968
5°	796212
10°	552940
15°	326994
20°	186240
25°	106458
30°	58895
35°	31400
40°	17375
45°	9396
50°	5868
55°	4626
60°	3991
65°	3684
70°	3270
75°	3389
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9396 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.6	29.3
10°-20°	405.9	38.7
20°-30°	209.0	19.9
30°-40°	78.5	7.5
40°-50°	25.7	2.4
50°-60°	11.0	1.1
60°-70°	7.0	0.7
70°-80°	4.1	0.4
80°-90°	1.1	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°	922.5	87.9
0°-40°	1001.0	95.3
0°-60°	1037.8	98.8
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4090	
5°	3617	308
15°	1440	406
25°	440	209
35°	117	78
45°	30	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4090.5
1°	4082.4
2°	4028.8
3°	3926.7
4°	3792.1
5°	3617.2
6°	3418.9
7°	3201.4
8°	2959.7
9°	2721.0
10°	2483.3
12.5°	1910.7
15°	1440.4
17.5°	1078.3
20°	798.1
22.5°	595.8
25°	440.0
27.5°	320.6
30°	232.6
32.5°	164.9
35°	117.3
37.5°	84.0
40°	60.7
42.5°	43.5
45°	30.3
47.5°	22.3
50°	17.2
52.5°	14.2
55°	12.1
57.5°	10.1
60°	9.1
62.5°	8.1
65°	7.1
67.5°	6.1
70°	5.1
72.5°	5.1
75°	4.0
77.5°	3.0
80°	2.0
82.5°	2.0
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)