

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: P1258408

Luminaire Tested: P3AS24R259040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258408
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

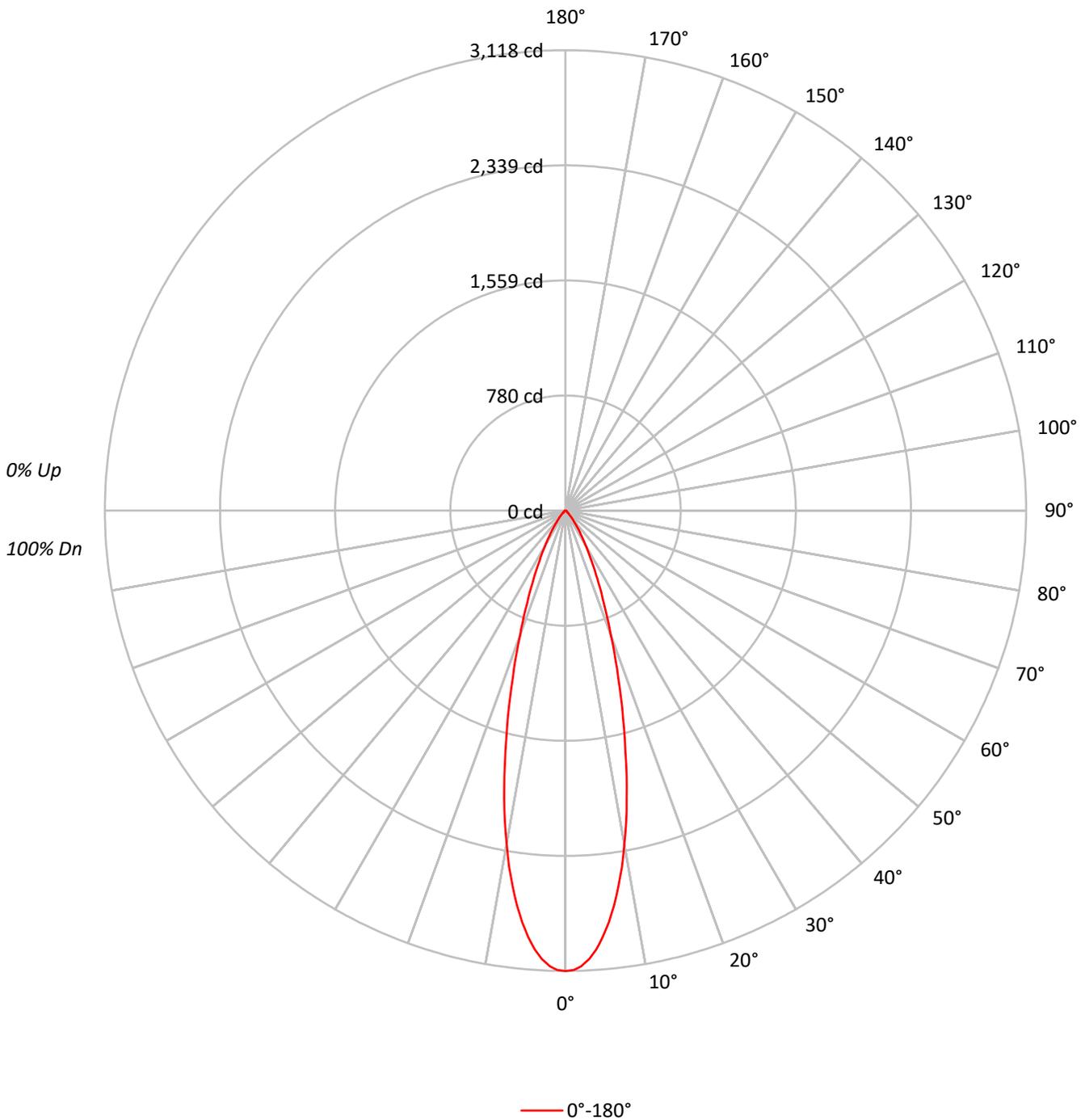
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1065.9 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	683805
5°	637969
10°	511057
15°	346903
20°	209925
25°	122741
30°	69909
35°	38441
40°	20410
45°	10730
50°	6243
55°	4664
60°	4035
65°	4203
70°	3911
75°	3474
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10730 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.2	24.1
10°-20°	420.1	39.4
20°-30°	240.1	22.5
30°-40°	94.7	8.9
40°-50°	29.0	2.7
50°-60°	11.5	1.1
60°-70°	7.7	0.7
70°-80°	4.3	0.4
80°-90°	1.4	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°	917.4	86.1
0°-40°	1012.1	95.0
0°-60°	1052.6	98.7
0°-90°	1065.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1065.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3118	
5°	2898	257
15°	1528	420
25°	507	240
35°	144	95
45°	35	29
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3118.4
1°	3112.3
2°	3086.8
3°	3042.0
4°	2979.8
5°	2898.3
6°	2802.6
7°	2694.6
8°	2569.3
9°	2440.9
10°	2295.2
11°	2151.6
12°	1993.7
13°	1837.8
14°	1677.9
15°	1528.1
17.5°	1184.8
20°	899.6
22.5°	675.4
25°	507.3
27.5°	375.9
30°	276.1
32.5°	199.7
35°	143.6
37.5°	101.9
40°	71.3
42.5°	48.9
45°	34.6
47.5°	24.4
50°	18.3
52.5°	14.3
55°	12.2
57.5°	11.2
60°	9.2
62.5°	8.1
65°	8.1
67.5°	7.1
70°	6.1
72.5°	5.1
75°	4.1
77.5°	3.1
80°	2.0
82.5°	2.0
85°	1.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)