

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: P1261037

Luminaire Tested: P3AS24R309050D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261037
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309050D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

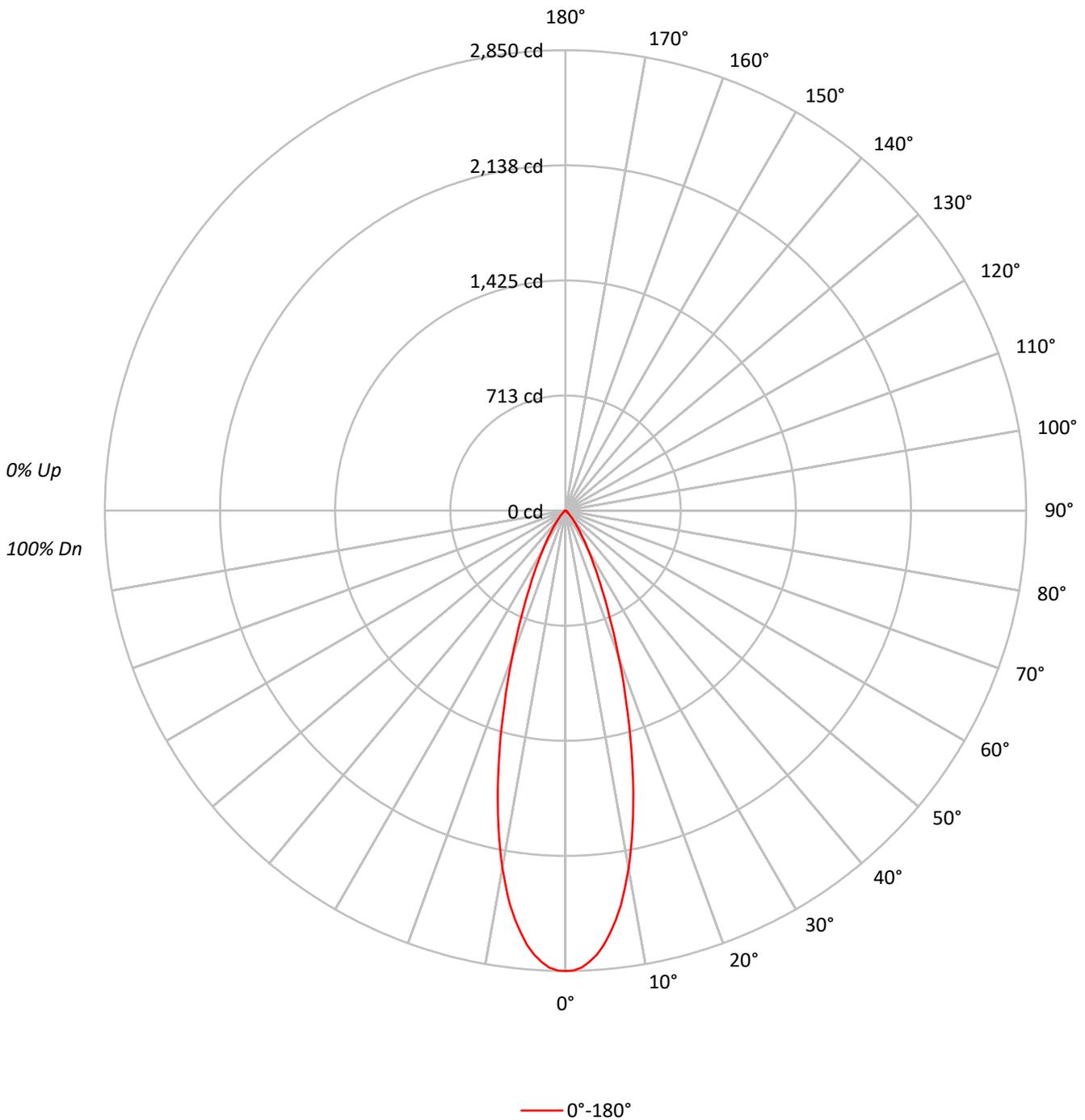
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1071.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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

TEST NUMBER: P1261037
CATALOG NUMBER: P3AS24R309050D010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1261037
 CATALOG NUMBER: P3AS24R309050D010 E3DL1GPH

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	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	624972
5°	594826
10°	500347
15°	360819
20°	223809
25°	127290
30°	70694
35°	38467
40°	20267
45°	10978
50°	5868
55°	3861
60°	3552
65°	3684
70°	3270
75°	2542
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10978 cd/sqm



TEST NUMBER: P1261037
 CATALOG NUMBER: P3AS24R309050D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.3	22.7
10°-20°	432.5	40.4
20°-30°	250.0	23.3
30°-40°	94.9	8.9
40°-50°	29.1	2.7
50°-60°	9.8	0.9
60°-70°	6.7	0.6
70°-80°	3.6	0.3
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°	925.8	86.5
0°-40°	1020.7	95.3
0°-60°	1059.6	98.9
0°-90°	1071.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1071.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2850	
5°	2702	243
15°	1589	433
25°	526	250
35°	144	95
45°	35	29
55°	10	10
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1261037
CATALOG NUMBER: P3AS24R309050D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2850.1
1°	2848.0
2°	2830.8
3°	2798.5
4°	2758.0
5°	2702.3
6°	2631.5
7°	2552.6
8°	2464.6
9°	2359.4
10°	2247.1
11°	2125.7
12°	1997.2
13°	1862.6
14°	1726.0
15°	1589.4
17.5°	1253.5
20°	959.1
22.5°	711.2
25°	526.1
27.5°	382.4
30°	279.2
32.5°	201.3
35°	143.7
37.5°	100.2
40°	70.8
42.5°	49.6
45°	35.4
47.5°	24.3
50°	17.2
52.5°	12.1
55°	10.1
57.5°	9.1
60°	8.1
62.5°	7.1
65°	7.1
67.5°	6.1
70°	5.1
72.5°	4.0
75°	3.0
77.5°	3.0
80°	2.0
82.5°	2.0
85°	1.0
87.5°	0.0



TEST NUMBER: P1261037
CATALOG NUMBER: P3AS24R309050D010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)