

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: P1261157

Luminaire Tested: P3AS24R509050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261157
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

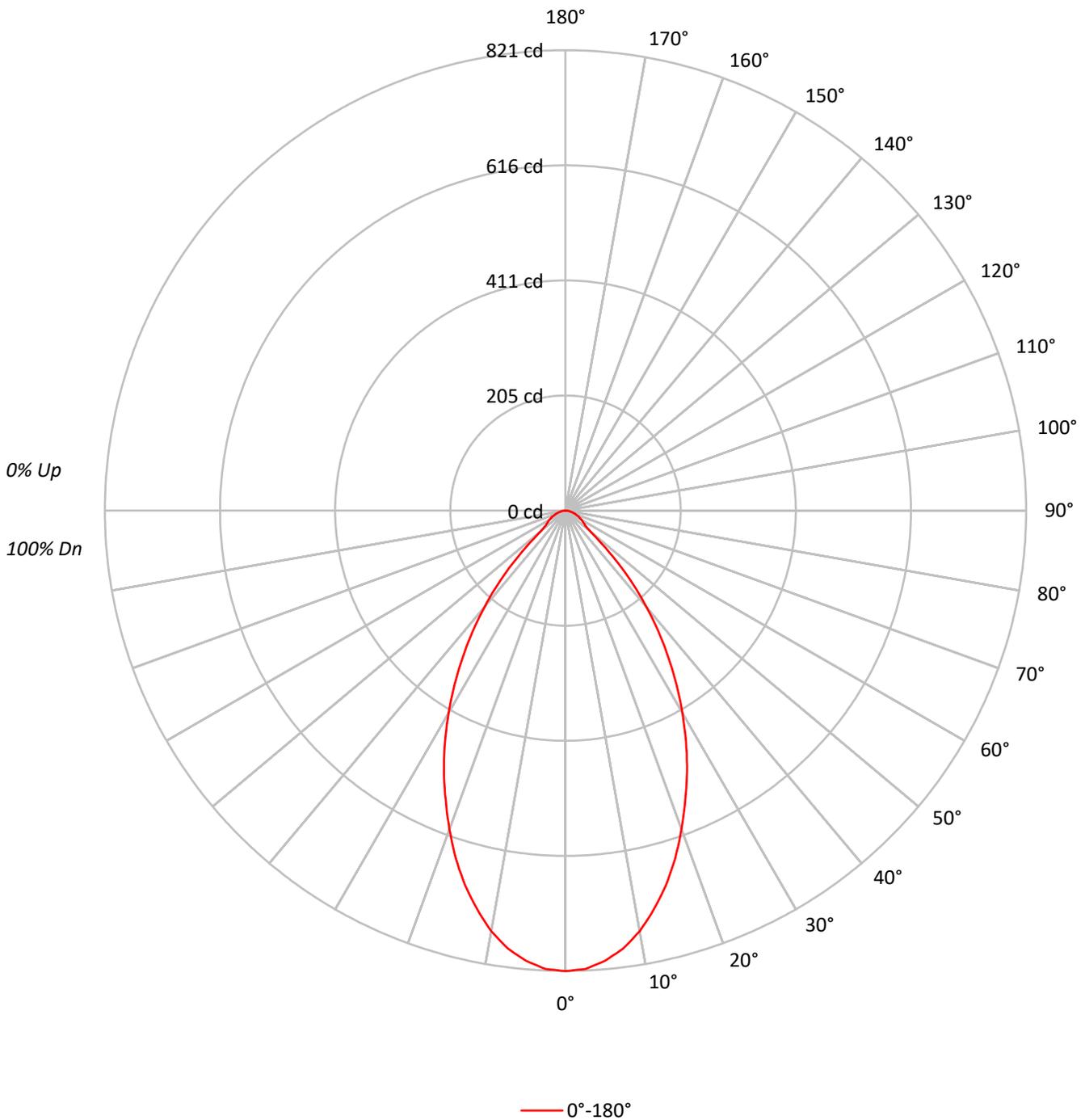
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 886.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
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	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91	91	91	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83	83	83	83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75	75	75	75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69	69	69	69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63	63	63	63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58	58	58	58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53	53	53	53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50	50	50	50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46	46	46	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43	43	43	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180051
5°	177393
10°	169536
15°	157027
20°	141109
25°	124047
30°	105485
35°	85528
40°	64263
45°	41400
50°	19650
55°	15445
60°	14648
65°	13646
70°	12310
75°	11099
80°	10229
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41400 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	8.5
10°-20°	192.8	21.8
20°-30°	234.3	26.4
30°-40°	198.7	22.4
40°-50°	103.2	11.7
50°-60°	37.2	4.2
60°-70°	25.7	2.9
70°-80°	14.0	1.6
80°-90°	4.4	0.5
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°	502.7	56.7
0°-40°	701.4	79.2
0°-60°	841.8	95.0
0°-90°	886.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	886.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	821	
5°	806	76
15°	692	193
25°	513	234
35°	320	199
45°	134	103
55°	40	37
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	821.1
2.5°	818.1
5°	805.9
7.5°	787.7
10°	761.4
12.5°	728.1
15°	691.7
17.5°	650.2
20°	604.7
22.5°	558.2
25°	512.7
27.5°	465.2
30°	416.6
32.5°	368.1
35°	319.5
37.5°	272.0
40°	224.5
42.5°	179.0
45°	133.5
47.5°	89.0
50°	57.6
52.5°	44.5
55°	40.4
57.5°	36.4
60°	33.4
62.5°	29.3
65°	26.3
67.5°	22.2
70°	19.2
72.5°	16.2
75°	13.1
77.5°	10.1
80°	8.1
82.5°	6.1
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)