

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: P1255163

Luminaire Tested: P3AS17R509035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255163
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: P3AS17R509035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

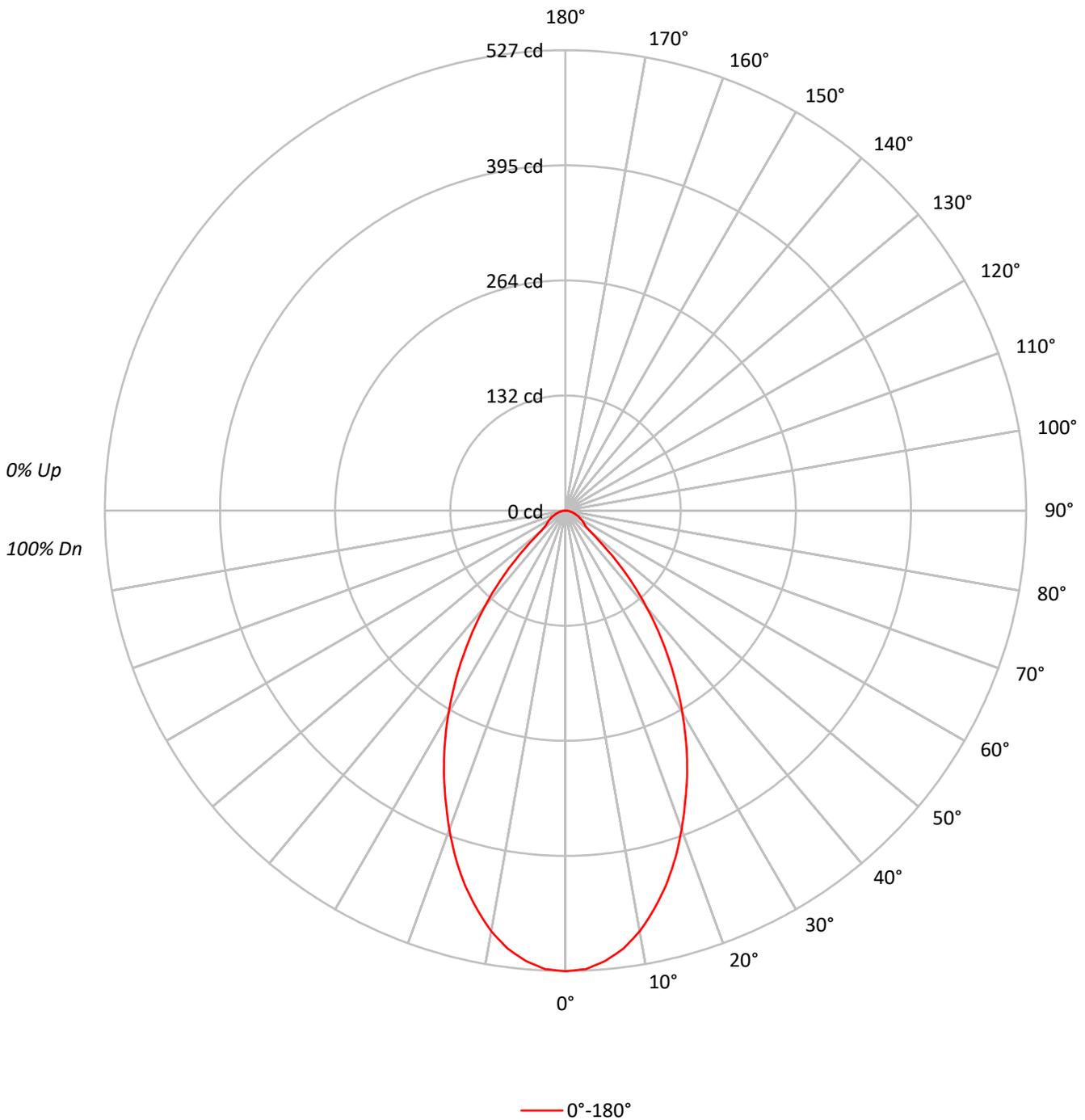
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 569.0 lumens
Efficiency: N/A
Efficacy: 26.8 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): 21.2
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				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
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83				83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75				75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69				69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63				63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58				58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53				53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50				50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46				46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43				43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115627
5°	113933
10°	108882
15°	100841
20°	90611
25°	79674
30°	67757
35°	54930
40°	41277
45°	26576
50°	12622
55°	9940
60°	9385
65°	8769
70°	7886
75°	7117
80°	6566
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26576 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.5	8.5
10°-20°	123.8	21.8
20°-30°	150.5	26.4
30°-40°	127.6	22.4
40°-50°	66.3	11.6
50°-60°	23.9	4.2
60°-70°	16.5	2.9
70°-80°	9.0	1.6
80°-90°	2.8	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°	322.8	56.7
0°-40°	450.5	79.2
0°-60°	540.6	95.0
0°-90°	569.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	569.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	527	
5°	518	49
15°	444	124
25°	329	150
35°	205	128
45°	86	66
55°	26	24
65°	17	17
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	527.3
2.5°	525.4
5°	517.6
7.5°	505.9
10°	489.0
12.5°	467.6
15°	444.2
17.5°	417.6
20°	388.3
22.5°	358.5
25°	329.3
27.5°	298.7
30°	267.6
32.5°	236.4
35°	205.2
37.5°	174.7
40°	144.2
42.5°	114.9
45°	85.7
47.5°	57.1
50°	37.0
52.5°	28.6
55°	26.0
57.5°	23.4
60°	21.4
62.5°	18.8
65°	16.9
67.5°	14.3
70°	12.3
72.5°	10.4
75°	8.4
77.5°	6.5
80°	5.2
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)