

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: P1250891

Luminaire Tested: P3AS02R509030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250891
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: P3AS02R509030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

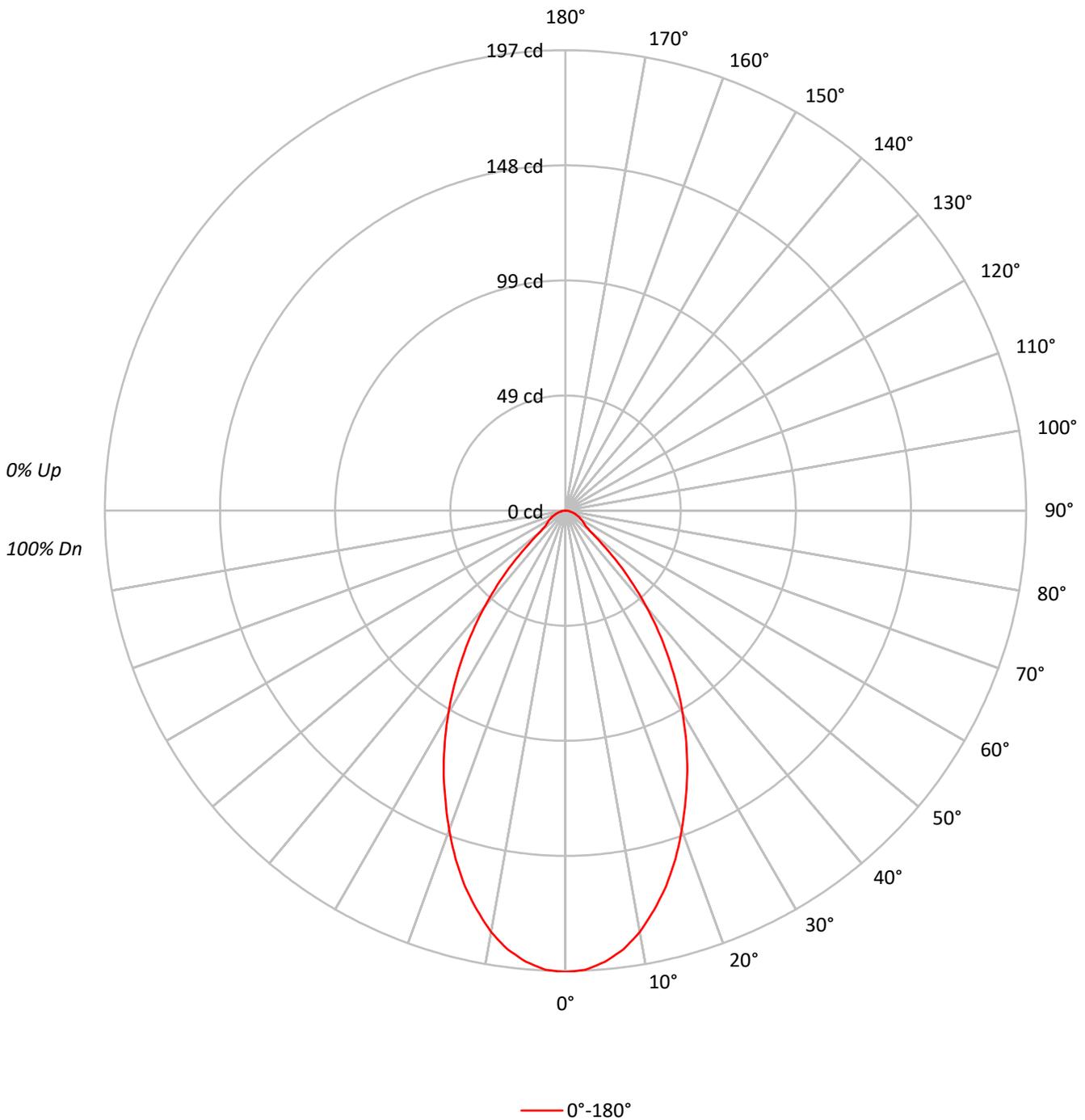
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 213.0 lumens
Efficiency: N/A
Efficacy: 59.2 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): 3.6
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
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°	43286
5°	42659
10°	40770
15°	37753
20°	33930
25°	29832
30°	25371
35°	20559
40°	15458
45°	9955
50°	4742
55°	3708
60°	3508
65°	3269
70°	2949
75°	2711
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9955 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	8.5
10°-20°	46.4	21.8
20°-30°	56.3	26.4
30°-40°	47.8	22.4
40°-50°	24.8	11.7
50°-60°	9.0	4.2
60°-70°	6.2	2.9
70°-80°	3.4	1.6
80°-90°	1.1	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°	120.9	56.7
0°-40°	168.6	79.2
0°-60°	202.4	95.0
0°-90°	213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	197	
5°	194	18
15°	166	46
25°	123	56
35°	77	48
45°	32	25
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	197.4
2.5°	196.7
5°	193.8
7.5°	189.4
10°	183.1
12.5°	175.0
15°	166.3
17.5°	156.3
20°	145.4
22.5°	134.2
25°	123.3
27.5°	111.8
30°	100.2
32.5°	88.5
35°	76.8
37.5°	65.4
40°	54.0
42.5°	43.0
45°	32.1
47.5°	21.4
50°	13.9
52.5°	10.7
55°	9.7
57.5°	8.8
60°	8.0
62.5°	7.0
65°	6.3
67.5°	5.3
70°	4.6
72.5°	3.9
75°	3.2
77.5°	2.4
80°	1.9
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)