

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: P1271294

Luminaire Tested: P3AS05R359827DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359827DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

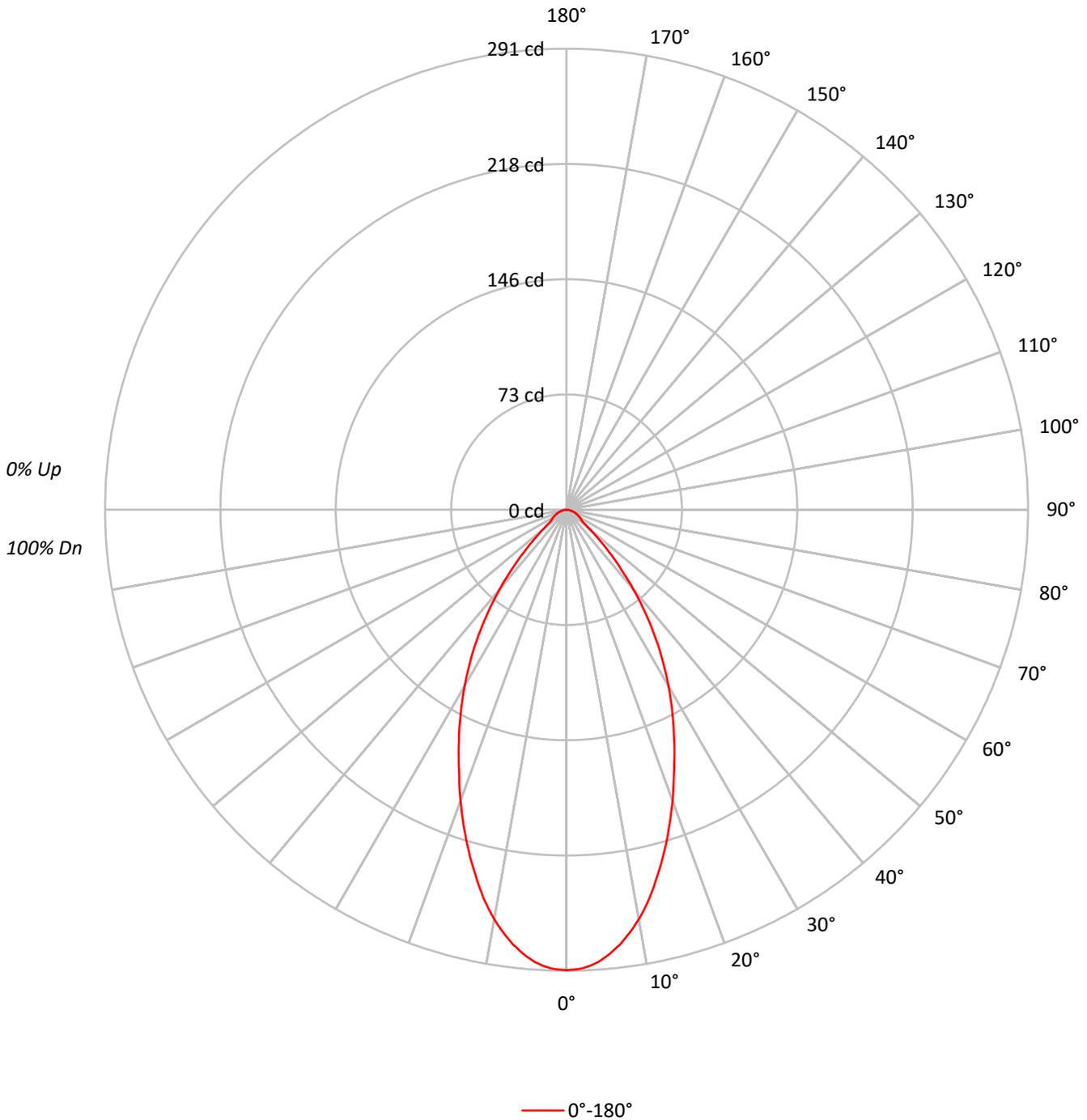
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 279.0 lumens
Efficiency: N/A
Efficacy: 38.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63723
5°	62382
10°	58427
15°	52441
20°	45621
25°	38881
30°	32562
35°	25939
40°	18749
45°	11877
50°	6482
55°	4473
60°	4254
65°	3943
70°	3783
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11877 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	9.5
10°-20°	64.3	23.0
20°-30°	73.7	26.4
30°-40°	60.1	21.5
40°-50°	30.3	10.9
50°-60°	11.3	4.0
60°-70°	7.6	2.7
70°-80°	4.2	1.5
80°-90°	1.3	0.4
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°	164.3	58.9
0°-40°	224.4	80.4
0°-60°	266.0	95.3
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	291	
5°	283	26
15°	231	64
25°	161	74
35°	97	60
45°	38	30
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	290.6
1°	290.3
2°	289.6
3°	288.2
4°	286.2
5°	283.4
6°	280.0
7°	276.5
8°	272.0
9°	267.5
10°	262.4
11°	256.9
12°	251.0
13°	244.4
14°	237.5
15°	231.0
17.5°	213.4
20°	195.5
22.5°	177.2
25°	160.7
27.5°	144.5
30°	128.6
32.5°	112.7
35°	96.9
37.5°	81.0
40°	65.5
42.5°	51.0
45°	38.3
47.5°	27.6
50°	19.0
52.5°	13.8
55°	11.7
57.5°	10.7
60°	9.7
62.5°	8.6
65°	7.6
67.5°	6.6
70°	5.9
72.5°	4.8
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)