

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: P1255872

Luminaire Tested: P3A24R559035D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255872
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R559035D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

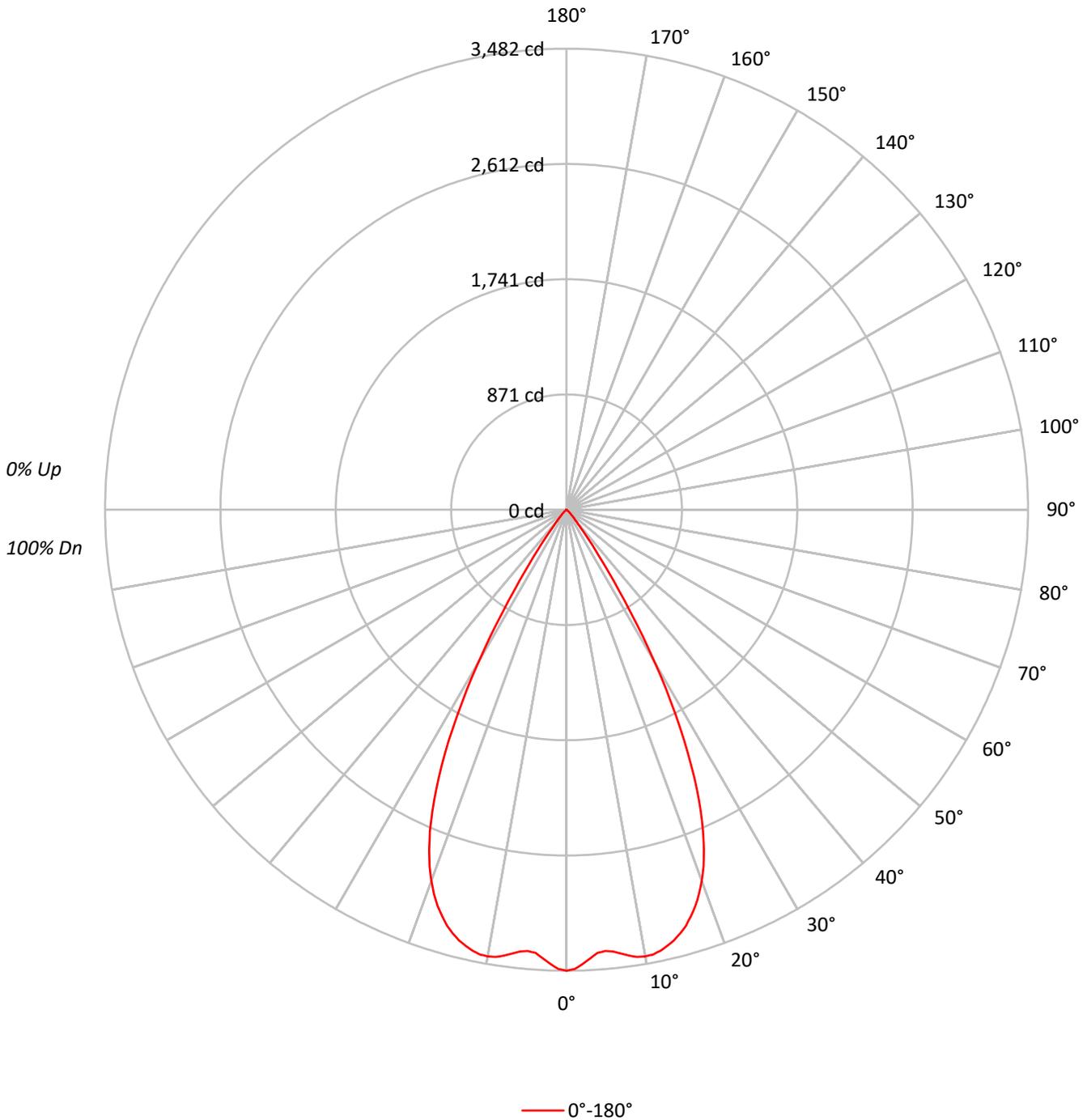
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2633.0 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
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				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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95				95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79				79
5	95	88	83	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75				75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71				71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67				67
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63				63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60				60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57				57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	763535
5°	736516
10°	762845
15°	752104
20°	696071
25°	562944
30°	337368
35°	114331
40°	31488
45°	13955
50°	4094
55°	765
60°	439
65°	519
70°	641
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13955 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	323.7	12.3
10°-20°	922.4	35.0
20°-30°	1025.3	38.9
30°-40°	319.2	12.1
40°-50°	38.3	1.5
50°-60°	2.9	0.1
60°-70°	1.0	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	2271.4	86.3
0°-40°	2590.6	98.4
0°-60°	2631.9	100.0
0°-90°	2633.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2633.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3482	
5°	3346	324
15°	3313	922
25°	2327	1025
35°	427	319
45°	45	38
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3482.0
1°	3469.0
2°	3435.0
3°	3393.0
4°	3355.0
5°	3346.0
6°	3356.0
7°	3377.0
8°	3401.0
9°	3420.0
10°	3426.0
11°	3422.0
12°	3406.0
13°	3381.0
14°	3352.0
15°	3313.0
16°	3268.0
17°	3210.9
18°	3146.9
19°	3069.9
20°	2982.9
21°	2883.8
22°	2766.8
23°	2637.8
24°	2489.7
25°	2326.7
26°	2147.6
27°	1957.6
28°	1754.5
29°	1545.5
30°	1332.4
31°	1118.3
32°	909.3
32.5°	816.2
33°	720.2
34°	557.2
35°	427.1
36°	325.1
37°	241.1
37.5°	206.1
38°	179.1
39°	136.0
40°	110.0
42.5°	70.0
45°	45.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	27.0
50°	12.0
52.5°	4.0
55°	2.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	1.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)