

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: P1253212

Luminaire Tested: P3AS24R609030D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253212
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609030D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

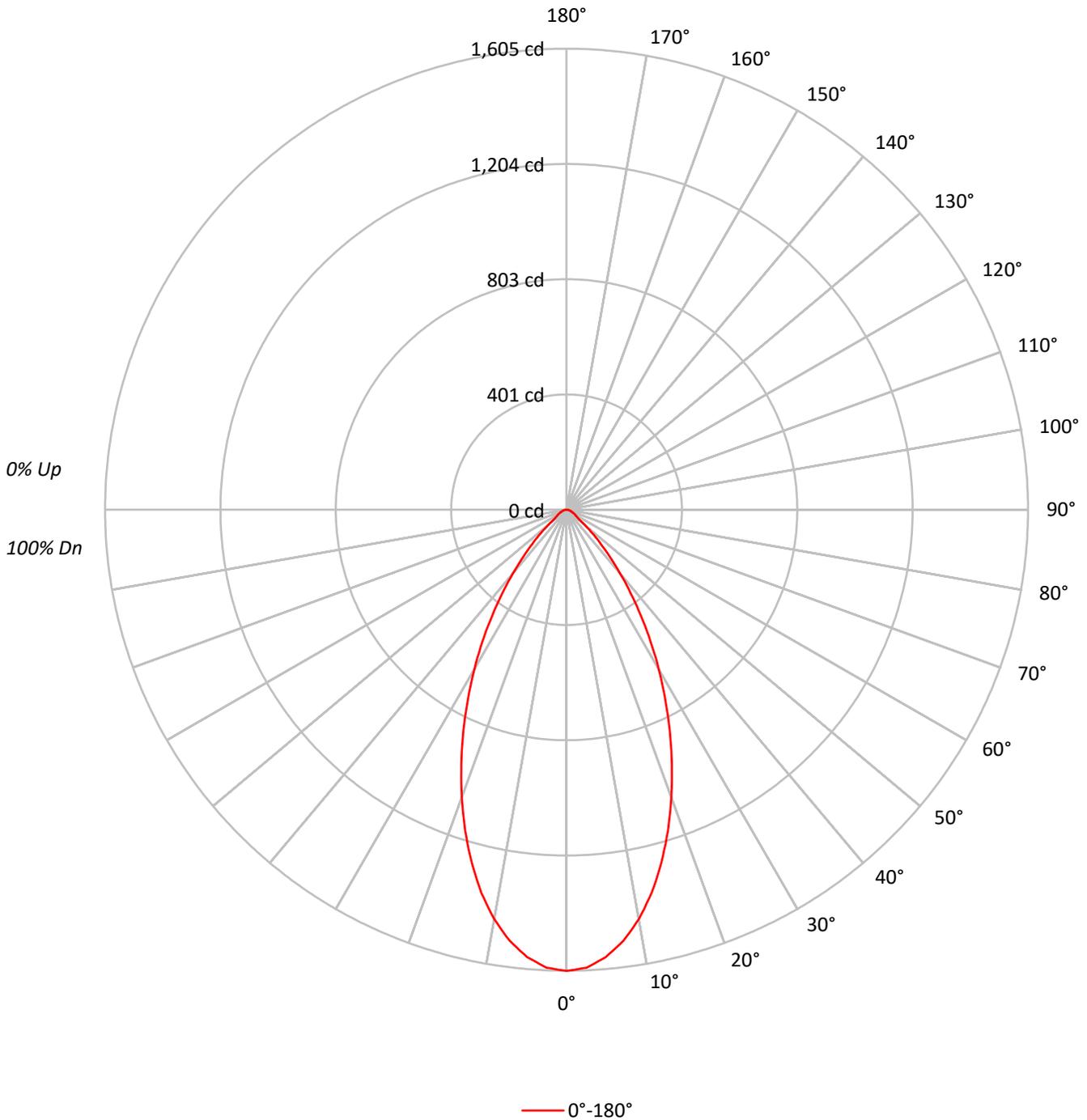
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1389.0 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352011
5°	344111
10°	322172
15°	289037
20°	248545
25°	205512
30°	162405
35°	120595
40°	83041
45°	52098
50°	28656
55°	16783
60°	15087
65°	12868
70°	11028
75°	11353
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 52098 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.5	10.5
10°-20°	353.6	25.5
20°-30°	387.8	27.9
30°-40°	282.6	20.3
40°-50°	133.5	9.6
50°-60°	43.7	3.1
60°-70°	24.8	1.8
70°-80°	13.3	1.0
80°-90°	4.1	0.3
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°	887.0	63.9
0°-40°	1169.5	84.2
0°-60°	1346.8	97.0
0°-90°	1389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1605	
5°	1563	146
15°	1273	354
25°	849	388
35°	450	283
45°	168	133
55°	44	44
65°	25	25
75°	13	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1605.3
2.5°	1595.8
5°	1563.3
7.5°	1513.7
10°	1446.9
12.5°	1366.7
15°	1273.2
17.5°	1172.0
20°	1065.1
22.5°	956.3
25°	849.4
27.5°	742.5
30°	641.4
32.5°	544.0
35°	450.5
37.5°	366.5
40°	290.1
42.5°	223.3
45°	168.0
47.5°	122.2
50°	84.0
52.5°	55.4
55°	43.9
57.5°	38.2
60°	34.4
62.5°	28.6
65°	24.8
67.5°	21.0
70°	17.2
72.5°	15.3
75°	13.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)