

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: P1261124

Luminaire Tested: P3AS24R459050D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261124
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459050D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

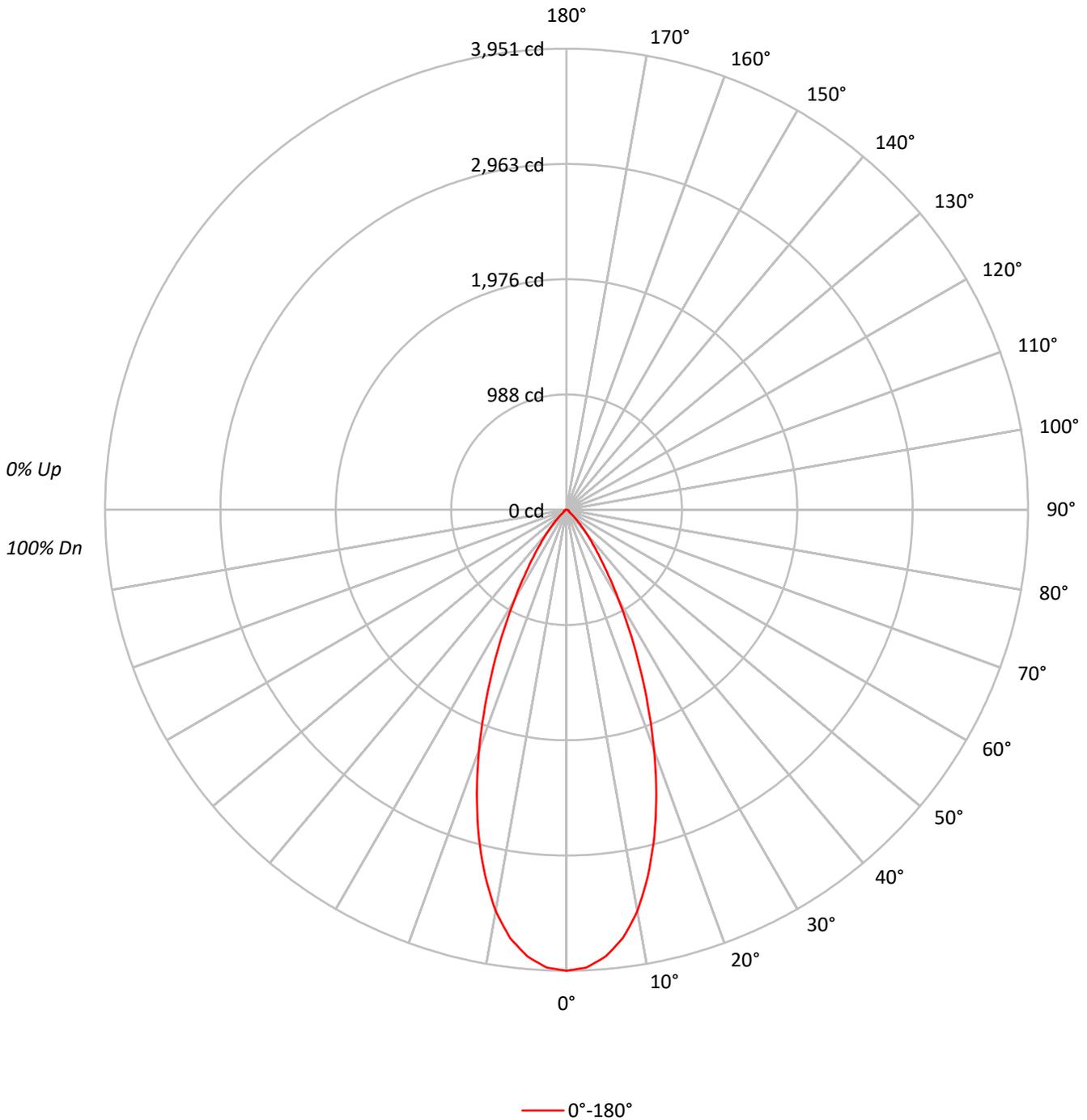
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2307.0 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
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	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	93	91	90	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	89	86	84	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	81	78	75	74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	77	74	71	70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	74	70	67	66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	70	67	64	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	67	63	61	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	866356
5°	846047
10°	777741
15°	658982
20°	511301
25°	357408
30°	225149
35°	132561
40°	74998
45°	36469
50°	12656
55°	10246
60°	9955
65°	9651
70°	9232
75°	8727
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36469 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.8	15.4
10°-20°	797.1	34.6
20°-30°	676.9	29.3
30°-40°	322.9	14.0
40°-50°	97.3	4.2
50°-60°	24.7	1.1
60°-70°	18.4	0.8
70°-80°	10.9	0.5
80°-90°	3.1	0.1
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°	1829.8	79.3
0°-40°	2152.8	93.3
0°-60°	2274.7	98.6
0°-90°	2307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3951	
5°	3844	356
15°	2903	797
25°	1477	677
35°	495	323
45°	118	97
55°	27	25
65°	19	18
75°	10	11
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3950.9
2.5°	3926.2
5°	3843.6
7.5°	3701.3
10°	3492.9
12.5°	3216.4
15°	2902.8
17.5°	2554.2
20°	2191.1
22.5°	1821.8
25°	1477.2
27.5°	1163.6
30°	889.2
32.5°	668.5
35°	495.2
37.5°	365.2
40°	262.0
42.5°	181.6
45°	117.6
47.5°	66.0
50°	37.1
52.5°	28.9
55°	26.8
57.5°	24.8
60°	22.7
62.5°	20.6
65°	18.6
67.5°	16.5
70°	14.4
72.5°	12.4
75°	10.3
77.5°	8.3
80°	6.2
82.5°	4.1
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)