

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: P1261164

Luminaire Tested: P3AS24R509050D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261164
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509050D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

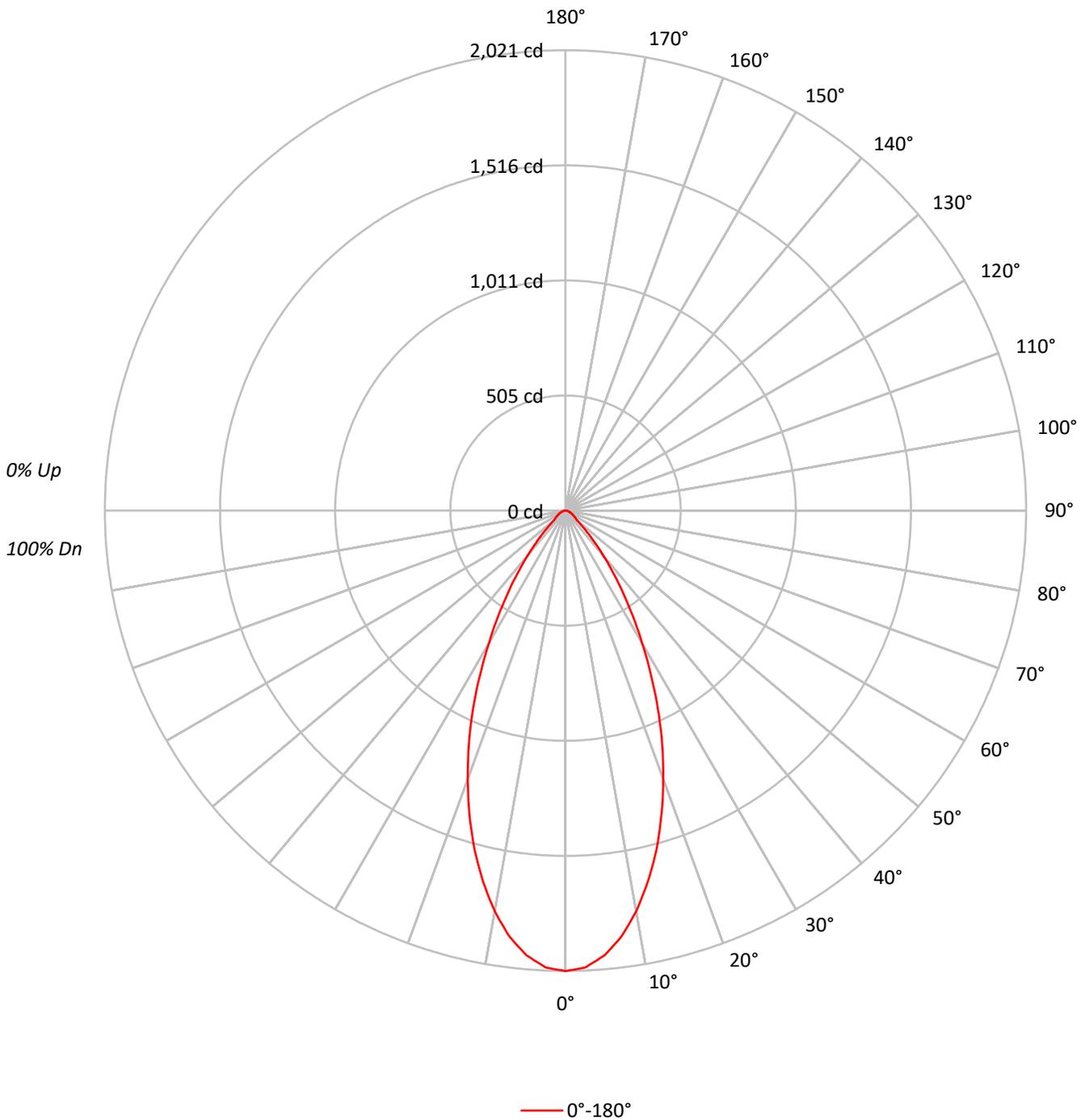
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1524.0 lumens
Efficiency: N/A
Efficacy: 52.9 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
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	111	108	106	103	104	102	100	100	99	97	97	95	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73				73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68				68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64				64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60				60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56				56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53				53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	443254
5°	431322
10°	397721
15°	349786
20°	292649
25°	232054
30°	170254
35°	117062
40°	74397
45°	41586
50°	22515
55°	18924
60°	16271
65°	14995
70°	13207
75°	12200
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41586 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.5	11.9
10°-20°	426.7	28.0
20°-30°	436.5	28.6
30°-40°	276.8	18.2
40°-50°	110.1	7.2
50°-60°	44.6	2.9
60°-70°	28.6	1.9
70°-80°	14.7	1.0
80°-90°	4.5	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°	1044.7	68.6
0°-40°	1321.5	86.7
0°-60°	1476.3	96.9
0°-90°	1524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1524.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2021	
5°	1960	182
15°	1541	427
25°	959	436
35°	437	277
45°	134	110
55°	50	45
65°	29	29
75°	14	15
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2021.4
2.5°	2006.9
5°	1959.5
7.5°	1885.2
10°	1786.2
12.5°	1668.7
15°	1540.8
17.5°	1400.5
20°	1254.1
22.5°	1107.6
25°	959.1
27.5°	810.6
30°	672.4
32.5°	548.7
35°	437.3
37.5°	342.4
40°	259.9
42.5°	191.8
45°	134.1
47.5°	90.8
50°	66.0
52.5°	55.7
55°	49.5
57.5°	43.3
60°	37.1
62.5°	33.0
65°	28.9
67.5°	24.8
70°	20.6
72.5°	16.5
75°	14.4
77.5°	10.3
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)