

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: P1253255

Luminaire Tested: P3AS24R709030D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253255
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709030D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

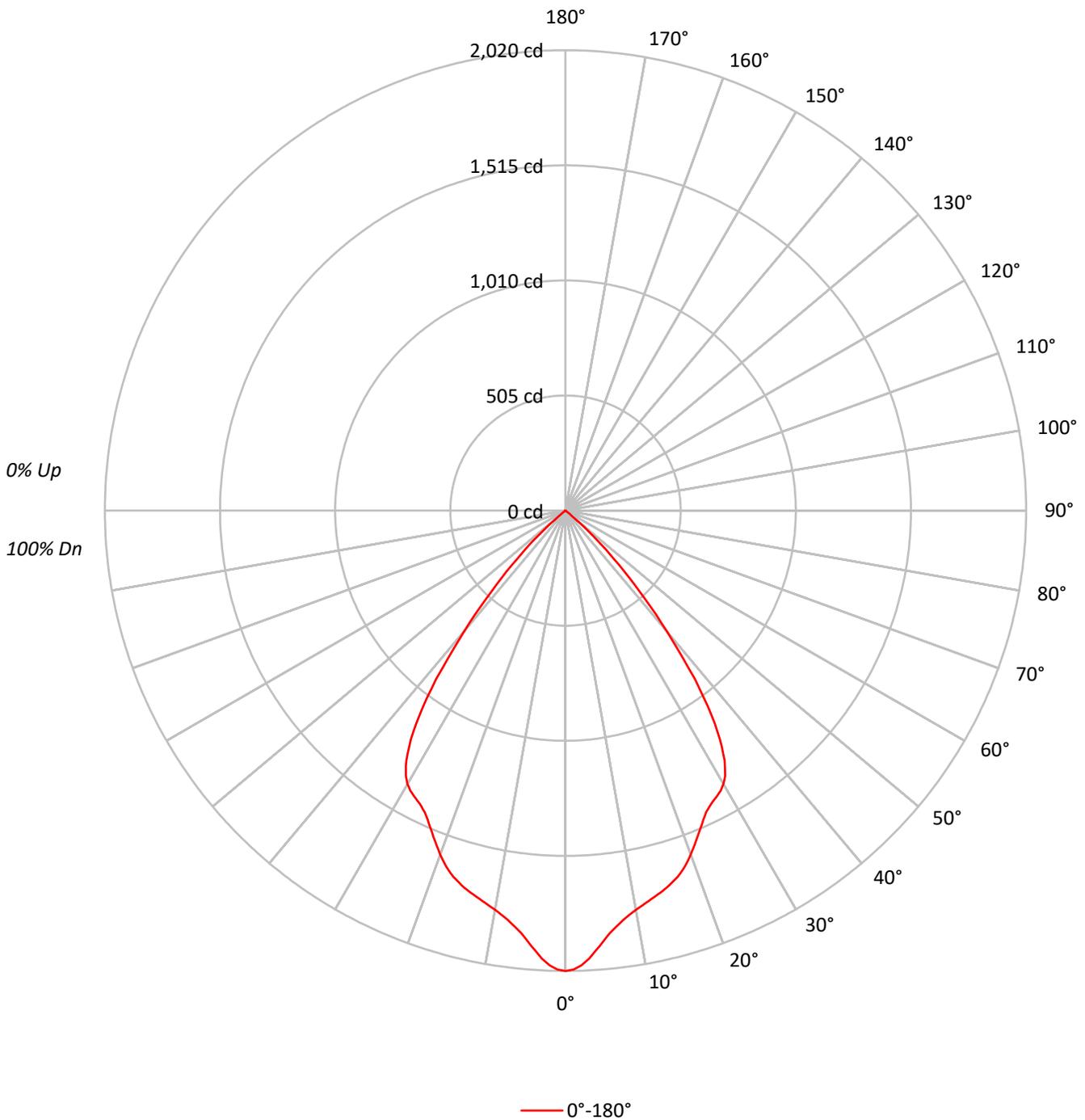
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2278.0 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79				79
4	95	87	81	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57				57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	442947
5°	417652
10°	396029
15°	388901
20°	374859
25°	353367
30°	350839
35°	305544
40°	197656
45°	93436
50°	13100
55°	1070
60°	833
65°	986
70°	577
75°	763
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 93436 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.2	7.8
10°-20°	481.1	21.1
20°-30°	680.6	29.9
30°-40°	683.9	30.0
40°-50°	246.0	10.8
50°-60°	6.6	0.3
60°-70°	1.5	0.1
70°-80°	1.0	0.0
80°-90°	0.1	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°	1338.8	58.8
0°-40°	2022.8	88.8
0°-60°	2275.4	99.9
0°-90°	2278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2020	
5°	1897	177
15°	1713	481
25°	1460	681
35°	1141	684
45°	301	246
55°	3	7
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2020.0
1°	2014.4
2°	1996.6
3°	1968.5
4°	1933.0
5°	1897.4
6°	1863.7
7°	1837.5
8°	1814.1
9°	1795.4
10°	1778.6
11°	1764.6
12°	1751.5
13°	1738.4
14°	1726.2
15°	1713.1
16°	1697.2
17°	1680.4
18°	1659.8
19°	1634.5
20°	1606.4
21°	1575.6
22°	1544.7
23°	1514.7
24°	1485.7
25°	1460.5
26°	1442.7
27°	1428.7
28°	1417.4
29°	1404.3
30°	1385.6
31°	1358.5
32°	1320.1
32.5°	1298.6
33°	1269.6
34°	1212.5
35°	1141.4
36°	1062.8
37°	974.0
37.5°	932.8
38°	876.7
39°	776.6
40°	690.5
42.5°	478.1
45°	301.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	161.9
50°	38.4
52.5°	4.7
55°	2.8
57.5°	2.8
60°	1.9
62.5°	1.9
65°	1.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)