

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: P1274592

Luminaire Tested: P3AS17R709830DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274592
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: P3AS17R709830DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

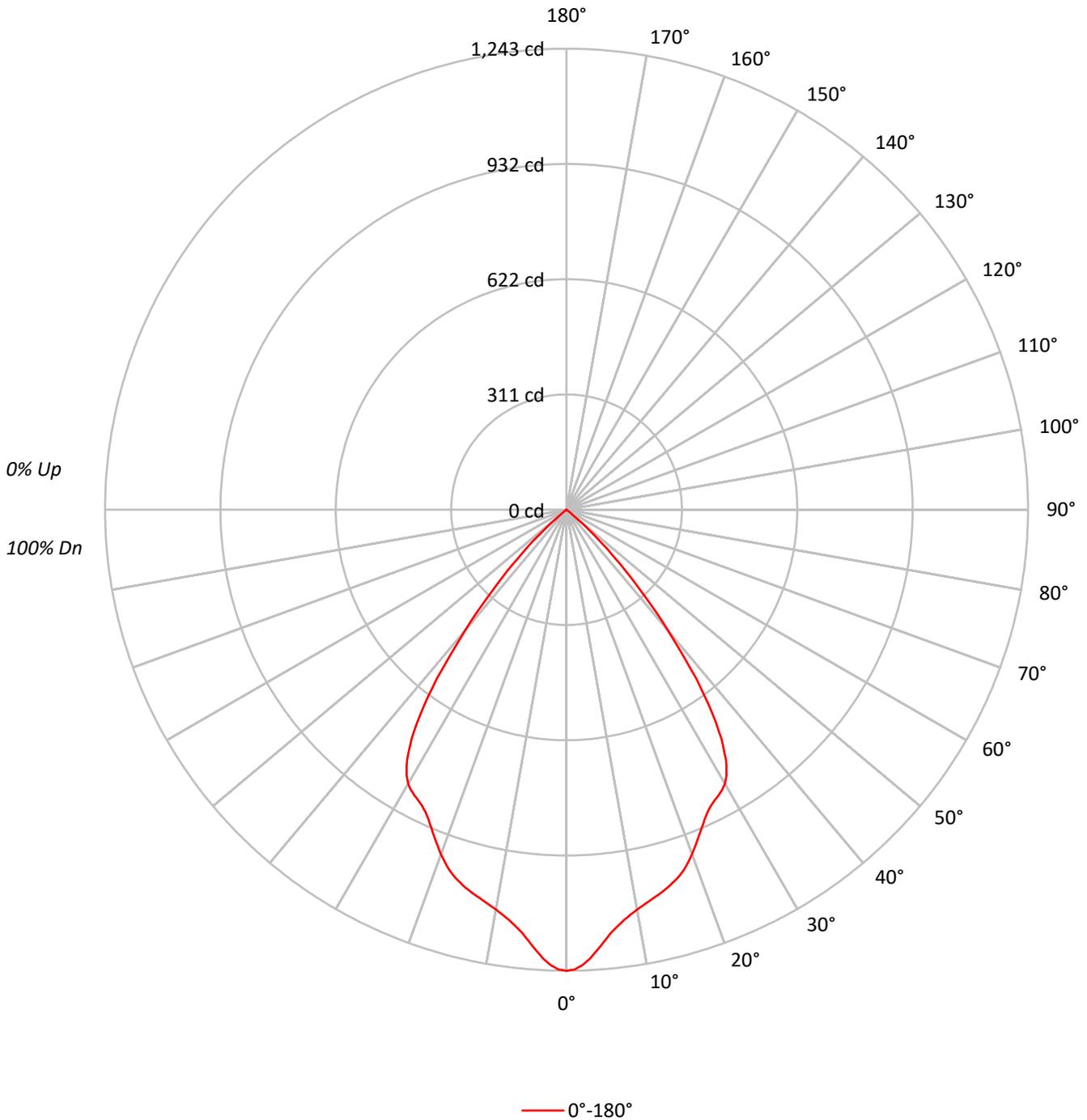
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1402.1 lumens
Efficiency: N/A
Efficacy: 68.7 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): 20.4
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				
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	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79	79	79	79
4	95	87	81	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57	57	57	57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52	52	52	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	272610
5°	257054
10°	243727
15°	239343
20°	230717
25°	217488
30°	215932
35°	188054
40°	121657
45°	57494
50°	8051
55°	650
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 57494 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.0	7.8
10°-20°	296.1	21.1
20°-30°	418.9	29.9
30°-40°	420.9	30.0
40°-50°	151.4	10.8
50°-60°	4.1	0.3
60°-70°	1.0	0.1
70°-80°	0.6	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°	824.0	58.8
0°-40°	1244.9	88.8
0°-60°	1400.4	99.9
0°-90°	1402.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1402.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1243	
5°	1168	109
15°	1054	296
25°	899	419
35°	702	421
45°	185	151
55°	2	4
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1243.2
1°	1239.7
2°	1228.8
3°	1211.5
4°	1189.6
5°	1167.8
6°	1147.0
7°	1130.9
8°	1116.5
9°	1105.0
10°	1094.6
11°	1086.0
12°	1077.9
13°	1069.9
14°	1062.4
15°	1054.3
16°	1044.5
17°	1034.2
18°	1021.5
19°	1006.0
20°	988.7
21°	969.7
22°	950.7
23°	932.3
24°	914.4
25°	898.9
26°	887.9
27°	879.3
28°	872.4
29°	864.3
30°	852.8
31°	836.1
32°	812.5
32.5°	799.2
33°	781.4
34°	746.3
35°	702.5
36°	654.1
37°	599.4
37.5°	574.1
38°	539.5
39°	477.9
40°	425.0
42.5°	294.2
45°	185.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	99.6
50°	23.6
52.5°	2.9
55°	1.7
57.5°	1.7
60°	1.2
62.5°	1.2
65°	1.2
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)