

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: P1286580

Luminaire Tested: P3AS05R559030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286580
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

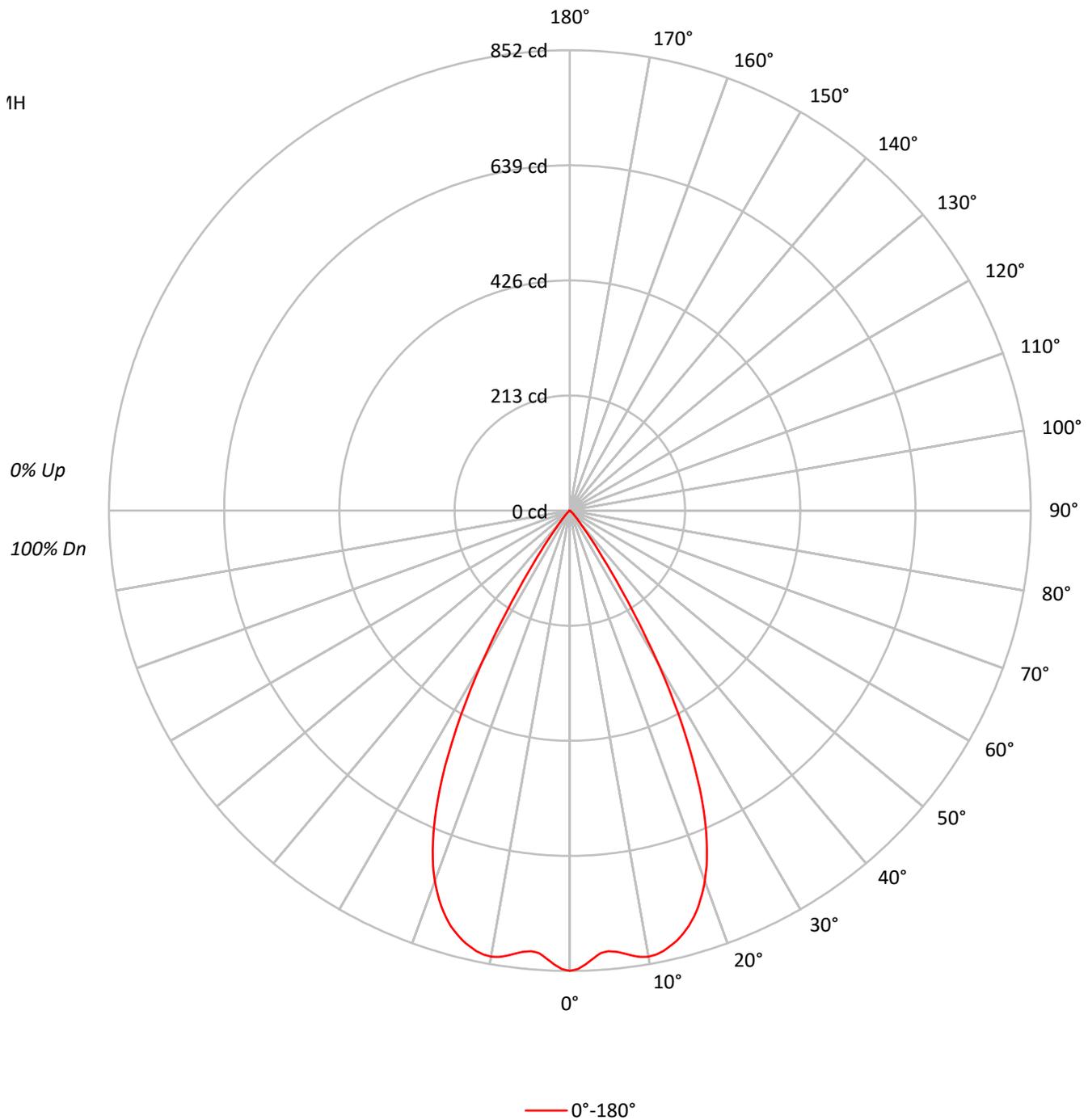
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 643.9 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	100	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79	79	79	79
5	95	88	83	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75	75	75	75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71	71	71	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67	67	67	67
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63	63	63	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57	57	57	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186761
5°	180145
10°	186592
15°	183951
20°	170255
25°	137693
30°	82519
35°	27974
40°	7700
45°	3411
50°	989
55°	191
60°	88
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3411 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.2	12.3
10°-20°	225.6	35.0
20°-30°	250.8	38.9
30°-40°	78.1	12.1
40°-50°	9.4	1.5
50°-60°	0.7	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	555.6	86.3
0°-40°	633.6	98.4
0°-60°	643.7	100.0
0°-90°	643.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	643.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	852	
5°	818	79
15°	810	226
25°	569	251
35°	104	78
45°	11	9
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	851.7
1°	848.5
2°	840.2
3°	829.9
4°	820.6
5°	818.4
6°	820.8
7°	826.0
8°	831.8
9°	836.5
10°	838.0
11°	837.0
12°	833.1
13°	826.9
14°	819.9
15°	810.3
16°	799.3
17°	785.4
18°	769.7
19°	750.9
20°	729.6
21°	705.4
22°	676.7
23°	645.2
24°	609.0
25°	569.1
26°	525.3
27°	478.8
28°	429.1
29°	378.0
30°	325.9
31°	273.5
32°	222.4
32.5°	199.6
33°	176.2
34°	136.3
35°	104.5
36°	79.5
37°	59.0
37.5°	50.4
38°	43.8
39°	33.3
40°	26.9
42.5°	17.1
45°	11.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.6
50°	2.9
52.5°	1.0
55°	0.5
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)