

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: P1286433

Luminaire Tested: P3AS05R309030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286433
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

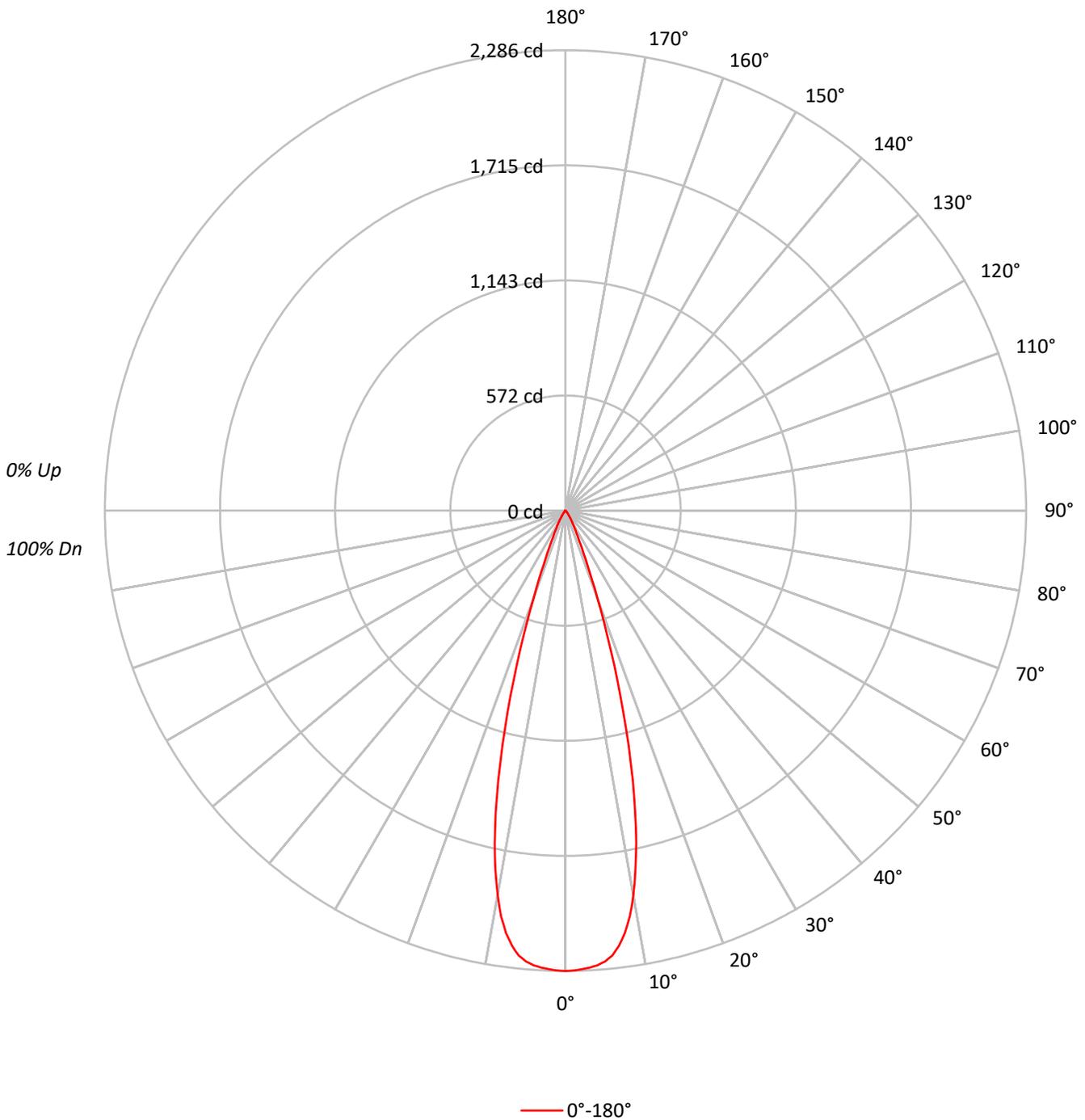
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 56.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
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				
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	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	93	91	89	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	90	88	86	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	88	85	83	82
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	86	83	81	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	84	81	79	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	82	79	77	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	80	77	75	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	501254
5°	494716
10°	431923
15°	274531
20°	108766
25°	36341
30°	16914
35°	7656
40°	2948
45°	1427
50°	409
55°	191
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1427 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.5	32.6
10°-20°	318.7	50.6
20°-30°	82.2	13.0
30°-40°	19.3	3.1
40°-50°	3.8	0.6
50°-60°	0.4	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°	606.3	96.2
0°-40°	625.6	99.3
0°-60°	629.8	100.0
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2286	
5°	2248	205
15°	1209	319
25°	150	82
35°	29	19
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2285.9
1°	2284.2
2°	2278.8
3°	2272.7
4°	2263.6
5°	2247.5
6°	2221.3
7°	2177.8
8°	2118.3
9°	2040.8
10°	1939.8
11°	1819.7
12°	1688.7
13°	1537.8
14°	1379.8
15°	1209.3
16°	1042.3
17°	881.4
18°	727.1
19°	585.5
20°	466.1
21°	366.8
22°	288.6
23°	228.4
24°	182.9
25°	150.2
26°	125.2
27°	106.4
28°	92.0
29°	78.7
30°	66.8
32.5°	42.1
35°	28.6
37.5°	17.9
40°	10.3
42.5°	6.8
45°	4.6
47.5°	2.7
50°	1.2
52.5°	0.5
55°	0.5
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.2
70°	0.0
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)