

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: P1260687

Luminaire Tested: P3AS20R309050D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260687
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: P3AS20R309050D010 E3D1H
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

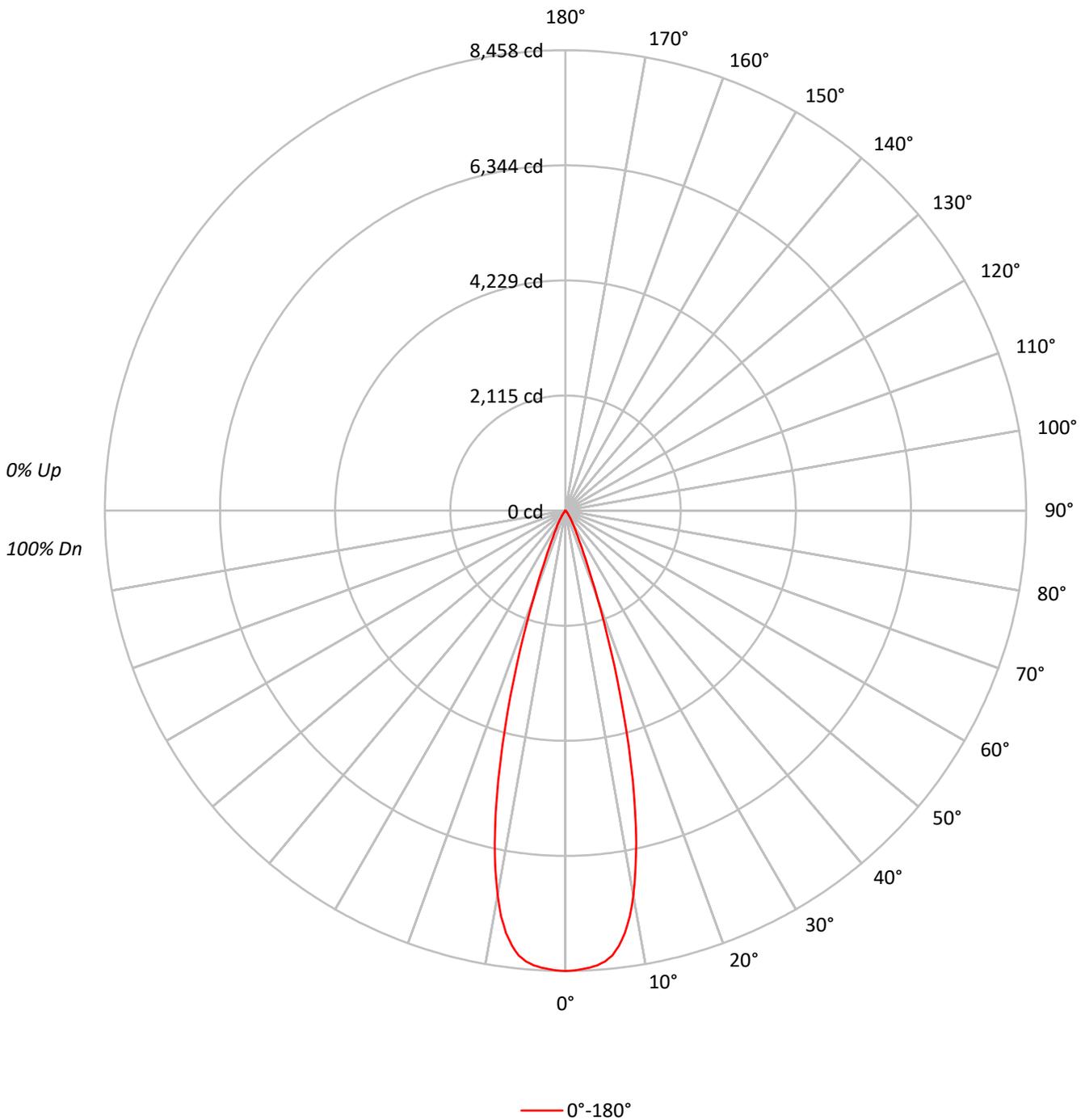
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2331.0 lumens
Efficiency: N/A
Efficacy: 80.9 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): 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				
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	94	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	81	80	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1854610
5°	1830438
10°	1598122
15°	1015783
20°	402465
25°	134427
30°	62541
35°	28349
40°	10878
45°	5334
50°	1535
55°	688
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5334 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	760.3	32.6
10°-20°	1179.0	50.6
20°-30°	304.0	13.0
30°-40°	71.4	3.1
40°-50°	13.9	0.6
50°-60°	1.6	0.1
60°-70°	0.8	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°	2243.3	96.2
0°-40°	2314.7	99.3
0°-60°	2330.2	100.0
0°-90°	2331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8458	
5°	8316	760
15°	4474	1179
25°	556	304
35°	106	71
45°	17	14
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	8457.7
1°	8451.4
2°	8431.5
3°	8408.9
4°	8375.4
5°	8315.7
6°	8218.8
7°	8057.8
8°	7837.9
9°	7551.1
10°	7177.3
11°	6733.1
12°	6248.1
13°	5689.8
14°	5105.2
15°	4474.5
16°	3856.5
17°	3261.1
18°	2690.1
19°	2166.2
20°	1724.7
21°	1357.3
22°	1067.7
23°	845.1
24°	676.8
25°	555.6
26°	463.3
27°	393.6
28°	340.2
29°	291.4
30°	247.0
32.5°	155.6
35°	105.9
37.5°	66.1
40°	38.0
42.5°	25.3
45°	17.2
47.5°	10.0
50°	4.5
52.5°	1.8
55°	1.8
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.9
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)