

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: P1252676

Luminaire Tested: P3AS20R309030D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252676
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: P3AS20R309030D010 E3D1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

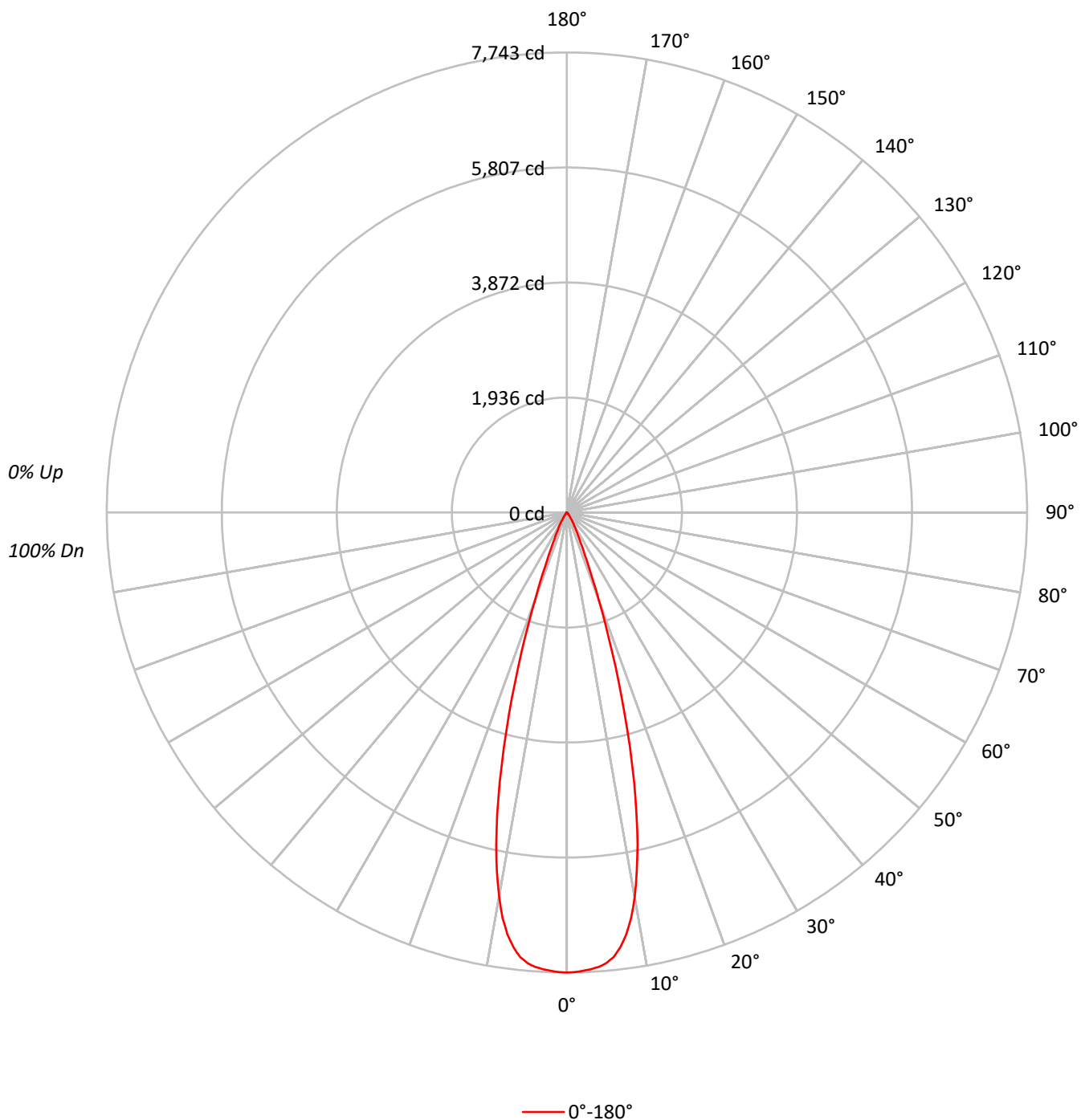
Lumens per Lamp: N/A
Luminaire Lumens: 2134.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		88
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1697868
5°	1675739
10°	1463077
15°	929949
20°	368442
25°	123055
30°	57249
35°	25939
40°	9962
45°	4869
50°	1399
55°	650
60°	351
65°	415
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4869 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	696.0	32.6
10°-20°	1079.4	50.6
20°-30°	278.3	13.0
30°-40°	65.4	3.1
40°-50°	12.7	0.6
50°-60°	1.5	0.1
60°-70°	0.7	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°	2053.7	96.2
0°-40°	2119.1	99.3
0°-60°	2133.3	100.0
0°-90°	2134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2134.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7743	
5°	7613	696
15°	4096	1079
25°	509	278
35°	97	65
45°	16	13
55°	2	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7742.9
1°	7737.1
2°	7718.9
3°	7698.2
4°	7667.6
5°	7612.9
6°	7524.2
7°	7376.8
8°	7175.5
9°	6912.9
10°	6570.8
11°	6164.0
12°	5720.0
13°	5208.9
14°	4673.8
15°	4096.4
16°	3530.6
17°	2985.5
18°	2462.8
19°	1983.2
20°	1578.9
21°	1242.6
22°	977.5
23°	773.7
24°	619.6
25°	508.6
26°	424.1
27°	360.3
28°	311.5
29°	266.7
30°	226.1
32.5°	142.5
35°	96.9
37.5°	60.5
40°	34.8
42.5°	23.2
45°	15.7
47.5°	9.1
50°	4.1
52.5°	1.7
55°	1.7
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8

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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.8
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)