Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1251117

Luminaire Tested: P3AS05R209030DE010 E3D1WH

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1251117
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R209030DE010 E3D1WH
Description:	3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3D1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	627.9 lumens
Efficiency:	N/A
Efficacy:	87.2 lumens/watt
Spacing Criteria (0/90/45):	0.35 / 0.35 / 0.34
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.2
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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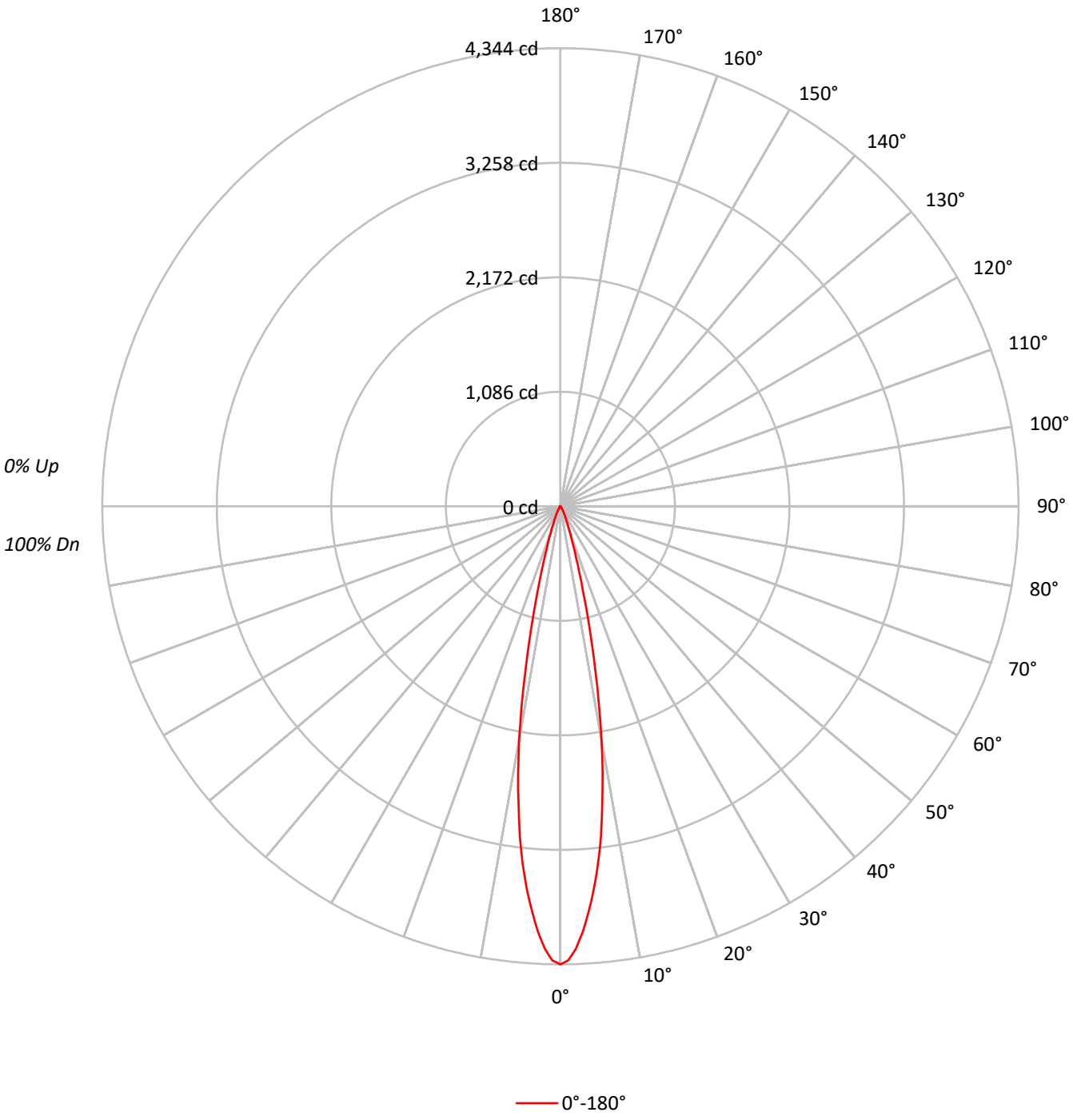
Luminous Intensity Polar Plot



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	114	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	98	96	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93
4	106	101	98	95	105	100	97	95	99	96	94	97	95	93	95	93	92	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	90	89
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	92	89	88	87
7	99	93	90	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85
8	97	91	87	85	96	91	87	85	90	87	85	89	86	84	88	86	84	83
9	95	89	85	83	94	89	85	83	88	85	83	87	84	83	87	84	82	81
10	93	87	84	81	92	87	83	81	86	83	81	86	83	81	85	83	81	80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	952621
5°	802067
10°	500970
15°	187288
20°	64289
25°	26784
30°	12610
35°	5648
40°	2662
45°	1364
50°	512
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1364 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	303.0	48.3
10°-20°	249.6	39.8
20°-30°	56.7	9.0
30°-40°	14.4	2.3
40°-50°	3.6	0.6
50°-60°	0.4	0.1
60°-70°	0.1	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°	609.3	97.0
0°-40°	623.7	99.3
0°-60°	627.8	100.0
0°-90°	627.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	627.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4344	
5°	3644	303
15°	825	250
25°	111	57
35°	21	14
45°	4	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	4344.3
1°	4307.5
2°	4199.0
3°	4043.3
4°	3852.3
5°	3643.8
6°	3411.5
7°	3155.2
8°	2856.1
9°	2559.7
10°	2249.9
11°	1920.1
12°	1590.8
13°	1311.9
14°	1045.3
15°	825.0
16°	651.2
17°	513.7
18°	412.8
19°	335.7
20°	275.5
21°	230.3
22°	192.3
23°	159.8
24°	133.3
25°	110.7
27.5°	72.4
30°	49.8
32.5°	30.7
35°	21.1
37.5°	13.5
40°	9.3
42.5°	6.4
45°	4.4
47.5°	2.9
50°	1.5
52.5°	0.7
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.0
70°	0.0
72.5°	0.0

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CANDELA DISTRIBUTION (continued):

	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)