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: P1245626

Luminaire Tested: P3AS02R209024DE010 E3D1B

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1245626
	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:	P3AS02R209024DE010 E3D1B
Description:	3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3D1B TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	269.0 lumens
Efficiency:	N/A
Efficacy:	74.7 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):	3.6
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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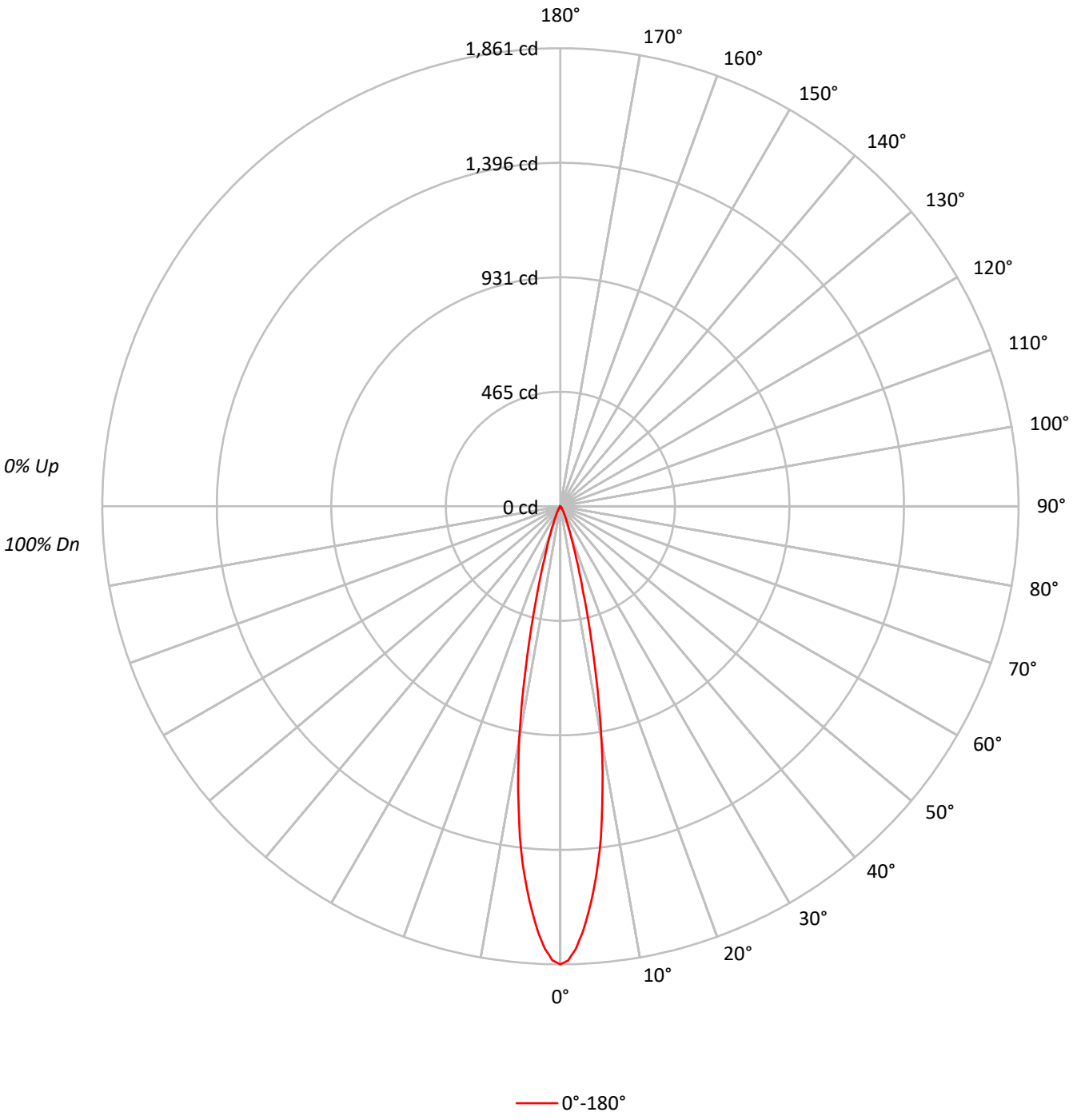
Luminous Intensity Polar Plot



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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°	408059
5°	343561
10°	214581
15°	80227
20°	27536
25°	11468
30°	5419
35°	2409
40°	1145
45°	589
50°	205
55°	38
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 589 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.8	48.3
10°-20°	106.9	39.7
20°-30°	24.3	9.0
30°-40°	6.2	2.3
40°-50°	1.6	0.6
50°-60°	0.2	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°	261.0	97.0
0°-40°	267.2	99.3
0°-60°	268.9	100.0
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1861	
5°	1561	130
15°	353	107
25°	47	24
35°	9	6
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1860.9
1°	1845.1
2°	1798.6
3°	1731.9
4°	1650.1
5°	1560.8
6°	1461.3
7°	1351.5
8°	1223.4
9°	1096.5
10°	963.7
11°	822.5
12°	681.4
13°	562.0
14°	447.7
15°	353.4
16°	278.9
17°	220.0
18°	176.8
19°	143.8
20°	118.0
21°	98.7
22°	82.4
23°	68.5
24°	57.1
25°	47.4
27.5°	31.0
30°	21.4
32.5°	13.1
35°	9.0
37.5°	5.8
40°	4.0
42.5°	2.7
45°	1.9
47.5°	1.3
50°	0.6
52.5°	0.3
55°	0.1
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
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)