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: P1245534

Luminaire Tested: P3AS02R109024DE010 E3D1GPH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1245534
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R109024DE010 E3D1GPH
Description:	3in Adjustable LED luminaire with, R10 optic, 2400K CCT AND, 90CRI , E3D1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	255.0 lumens
Efficiency:	N/A
Efficacy:	67.1 lumens/watt
Spacing Criteria (0/90/45):	0.18 / 0.18 / 0.18
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	3.8
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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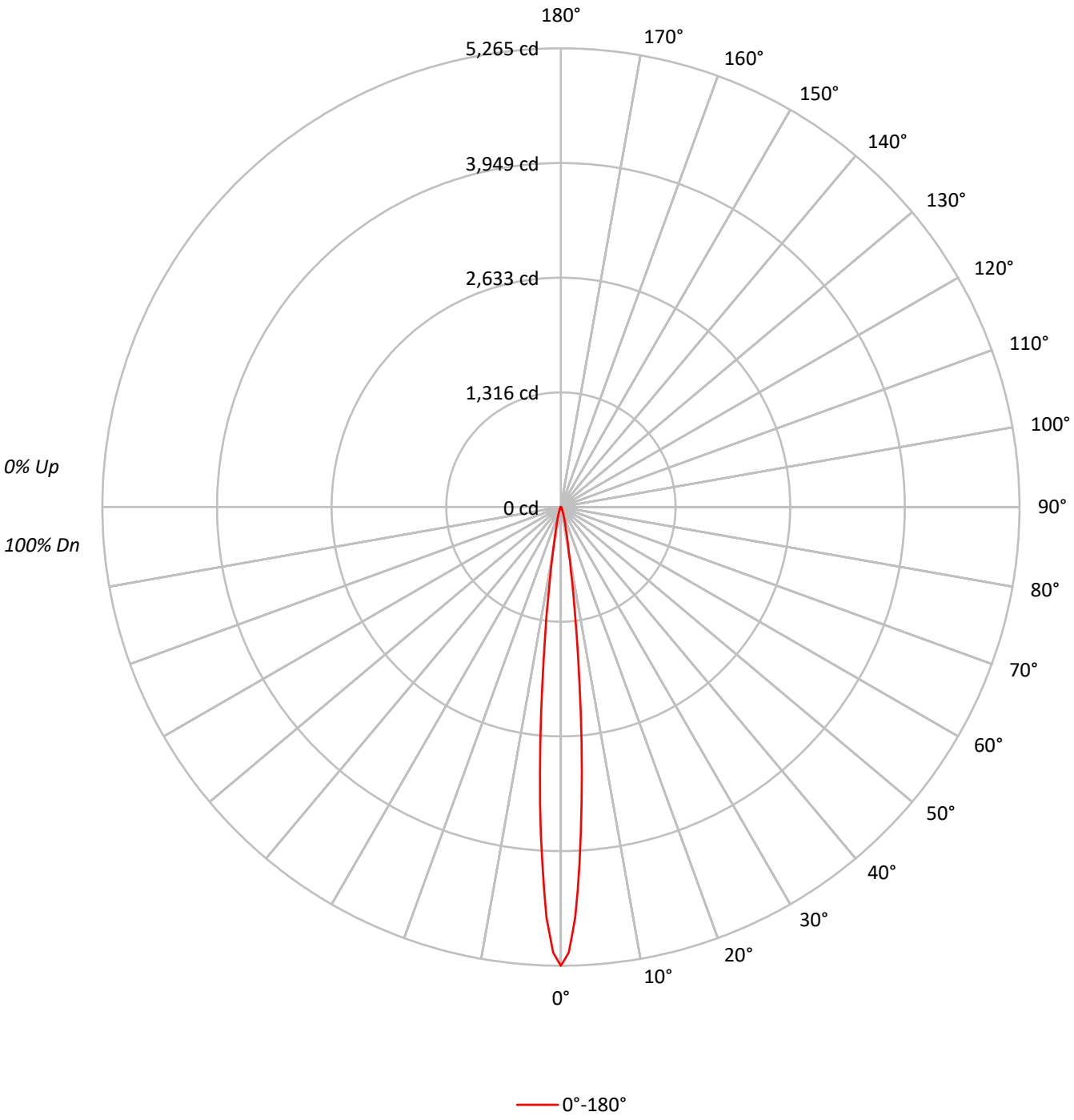
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	116	114	113	111	114	112	111	110	108	107	106	105	104	103	101	101	100	99
2	113	110	108	106	111	109	107	105	106	104	103	103	102	101	100	99	98	97
3	111	107	104	102	109	106	103	101	104	102	100	101	100	98	99	98	97	96
4	109	105	102	99	107	104	101	99	102	99	98	100	98	97	98	97	96	95
5	107	102	99	97	105	101	99	97	100	98	96	99	97	95	97	96	94	93
6	105	100	97	95	104	100	97	95	98	96	94	97	95	94	96	95	93	92
7	103	99	96	93	102	98	95	93	97	95	93	96	94	92	95	93	92	91
8	102	97	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90
9	100	96	93	91	100	95	93	91	95	92	90	94	92	90	93	91	90	89
10	99	94	92	90	98	94	91	90	94	91	89	93	91	89	92	91	89	88

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1154600
5°	596455
10°	117232
15°	36913
20°	16125
25°	7138
30°	3849
35°	2034
40°	716
45°	248
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 47.5°
Luminance: 260 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.3	71.5
10°-20°	51.8	20.3
20°-30°	15.1	5.9
30°-40°	5.0	1.9
40°-50°	0.9	0.3
50°-60°	0.0	0.0
60°-70°	0.0	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°	249.2	97.7
0°-40°	254.2	99.7
0°-60°	255.0	100.0
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5265	
5°	2710	182
15°	163	52
25°	30	15
35°	8	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	5265.4
1°	5113.7
2°	4717.0
3°	4094.5
4°	3413.9
5°	2709.7
6°	2043.5
7°	1480.0
8°	1041.1
9°	732.0
10°	526.5
11°	390.0
12°	299.9
13°	240.9
14°	196.3
15°	162.6
17.5°	107.8
20°	69.1
22.5°	43.8
25°	29.5
27.5°	21.1
30°	15.2
32.5°	11.0
35°	7.6
37.5°	5.1
40°	2.5
42.5°	1.7
45°	0.8
47.5°	0.8
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
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

TEST NUMBER: P1245534
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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)