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: P1264618

Luminaire Tested: P3A09R259730DE010 E3DL1H

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1264618
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R259730DE010 E3DL1H
Description:	3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	687.1 lumens
Efficiency:	N/A
Efficacy:	61.9 lumens/watt
Spacing Criteria (0/90/45):	0.49 / 0.49 / 0.51
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	11.1
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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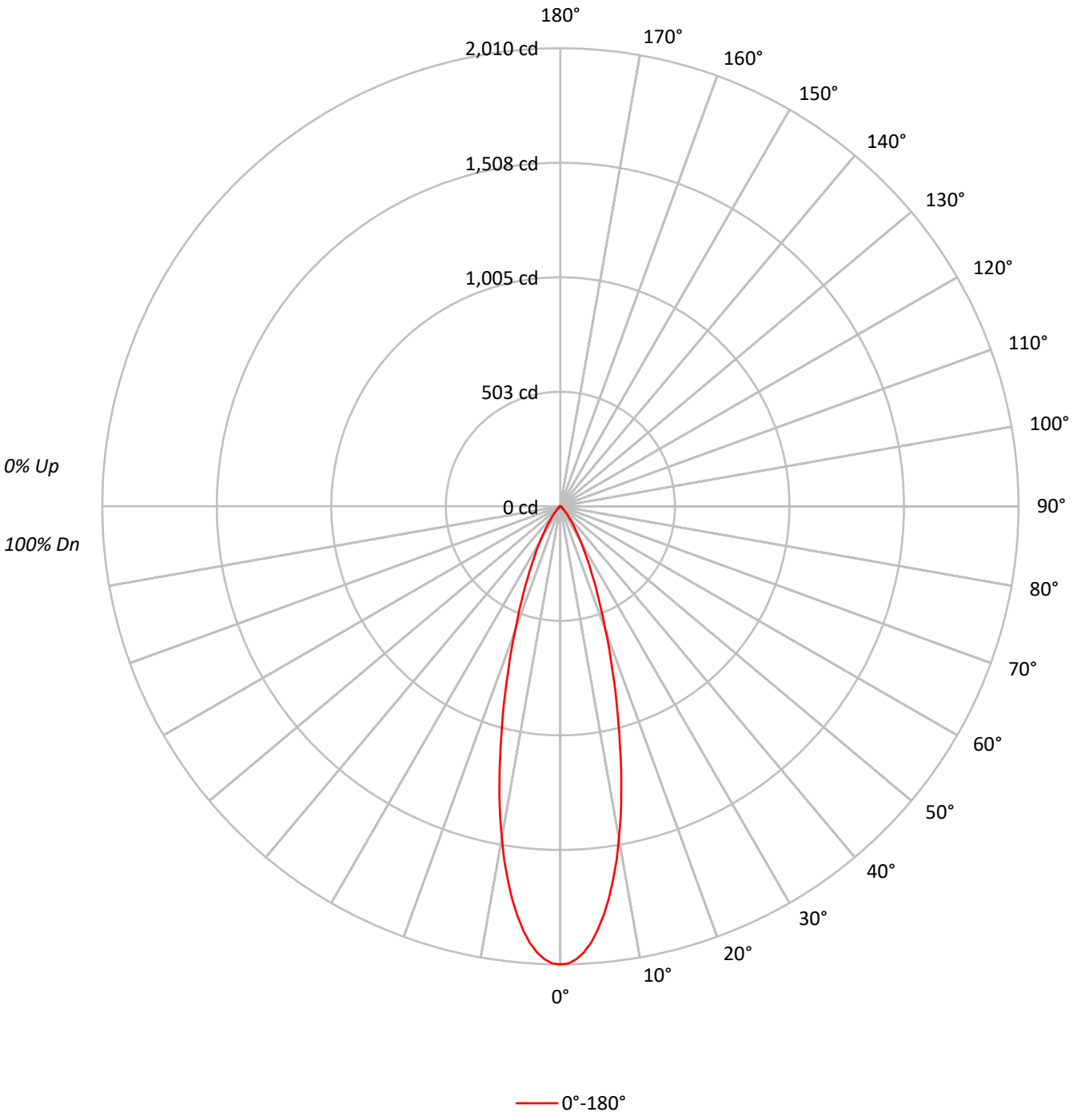
Luminous Intensity Polar Plot



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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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	440688
5°	411159
10°	329364
15°	223565
20°	135275
25°	79117
30°	45045
35°	24788
40°	13168
45°	6915
50°	4025
55°	3020
60°	2588
65°	2750
70°	2500
75°	2203
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.8	24.1
10°-20°	270.8	39.4
20°-30°	154.7	22.5
30°-40°	61.1	8.9
40°-50°	18.7	2.7
50°-60°	7.4	1.1
60°-70°	5.0	0.7
70°-80°	2.8	0.4
80°-90°	0.9	0.1
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°	591.2	86.1
0°-40°	652.3	94.9
0°-60°	678.4	98.7
0°-90°	687.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	687.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2010	
5°	1868	166
15°	985	271
25°	327	155
35°	93	61
45°	22	19
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2009.7
1°	2005.7
2°	1989.3
3°	1960.4
4°	1920.4
5°	1867.9
6°	1806.2
7°	1736.6
8°	1655.8
9°	1573.1
10°	1479.2
11°	1386.6
12°	1284.9
13°	1184.4
14°	1081.3
15°	984.8
17.5°	763.6
20°	579.7
22.5°	435.3
25°	327.0
27.5°	242.3
30°	177.9
32.5°	128.7
35°	92.6
37.5°	65.7
40°	46.0
42.5°	31.5
45°	22.3
47.5°	15.8
50°	11.8
52.5°	9.2
55°	7.9
57.5°	7.2
60°	5.9
62.5°	5.3
65°	5.3
67.5°	4.6
70°	3.9
72.5°	3.3
75°	2.6
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.7

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)