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: P1292238

Luminaire Tested: P3AS09R25W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1292238
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R25W2N902750DE010 E3DLD1GPH_4000K
Description:	3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	233.0 lumens
Efficiency:	N/A
Efficacy:	25.9 lumens/watt
Spacing Criteria (0/90/45):	0.78 / 0.78 / 0.85
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	9
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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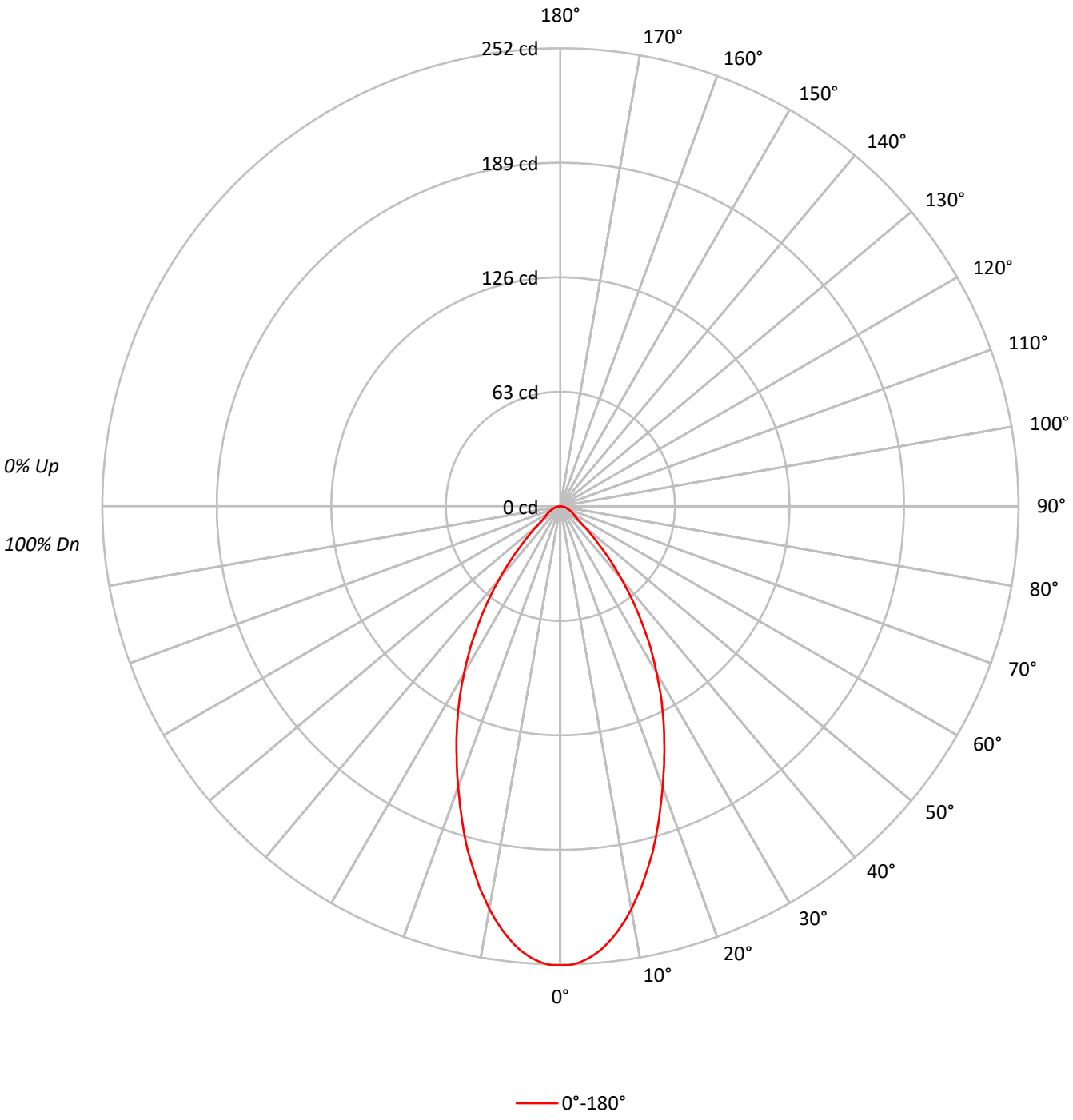
Luminous Intensity Polar Plot



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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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55368
5°	54061
10°	50099
15°	44609
20°	38340
25°	32591
30°	26814
35°	20907
40°	15028
45°	9551
50°	5629
55°	3900
60°	3552
65°	3321
70°	2949
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	9.8
10°-20°	54.6	23.4
20°-30°	61.6	26.5
30°-40°	48.7	20.9
40°-50°	24.6	10.6
50°-60°	9.9	4.2
60°-70°	6.3	2.7
70°-80°	3.5	1.5
80°-90°	1.0	0.4
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°	139.0	59.6
0°-40°	187.7	80.6
0°-60°	222.2	95.4
0°-90°	233.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	233.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	252	
5°	246	23
15°	196	55
25°	135	62
35°	78	49
45°	31	25
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	252.5
1°	252.5
2°	251.7
3°	250.2
4°	248.2
5°	245.6
6°	242.4
7°	238.6
8°	234.5
9°	229.9
10°	225.0
11°	219.4
12°	214.2
13°	208.1
14°	202.3
15°	196.5
17.5°	180.3
20°	164.3
22.5°	149.2
25°	134.7
27.5°	120.5
30°	105.9
32.5°	92.3
35°	78.1
37.5°	65.0
40°	52.5
42.5°	40.9
45°	30.8
47.5°	22.9
50°	16.5
52.5°	12.5
55°	10.2
57.5°	9.3
60°	8.1
62.5°	7.3
65°	6.4
67.5°	5.5
70°	4.6
72.5°	4.1
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.5
85°	0.9
87.5°	0.3

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)