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: P1292686

Luminaire Tested: P3A09R30W2N902765DE010 E3CD1MMS_2700K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1292686
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R30W2N902765DE010 E3CD1MMS_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	673.0 lumens
Efficiency:	N/A
Efficacy:	74.8 lumens/watt
Spacing Criteria (0/90/45):	0.53 / 0.53 / 0.47
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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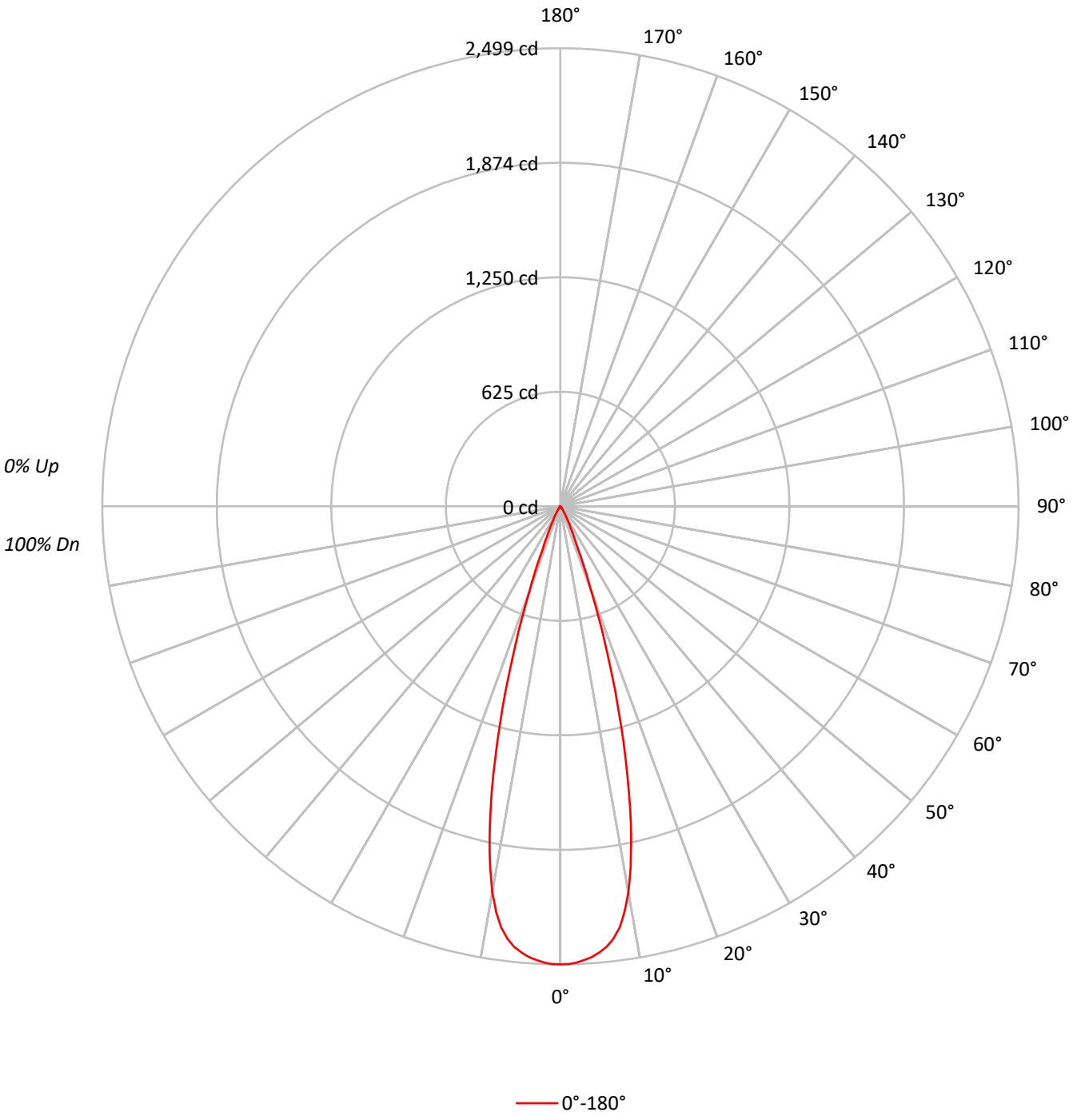
Luminous Intensity Polar Plot



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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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	85
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	77
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	548048
5°	537683
10°	475988
15°	301568
20°	114483
25°	33897
30°	13394
35°	4096
40°	1803
45°	651
50°	546
55°	421
60°	482
65°	571
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 651 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	224.6	33.4
10°-20°	350.0	52.0
20°-30°	81.3	12.1
30°-40°	12.6	1.9
40°-50°	2.1	0.3
50°-60°	1.0	0.2
60°-70°	0.9	0.1
70°-80°	0.5	0.1
80°-90°	0.1	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°	655.8	97.4
0°-40°	668.4	99.3
0°-60°	671.5	99.8
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2499	
5°	2443	225
15°	1328	350
25°	140	81
35°	15	13
45°	2	2
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2499.3
1°	2497.7
2°	2490.8
3°	2479.2
4°	2464.4
5°	2442.7
6°	2415.8
7°	2375.6
8°	2320.6
9°	2239.8
10°	2137.7
11°	2006.1
12°	1857.6
13°	1692.6
14°	1511.3
15°	1328.4
17.5°	869.0
20°	490.6
22.5°	250.6
25°	140.1
27.5°	86.2
30°	52.9
32.5°	28.5
35°	15.3
37.5°	10.0
40°	6.3
42.5°	3.7
45°	2.1
47.5°	1.6
50°	1.6
52.5°	1.1
55°	1.1
57.5°	1.1
60°	1.1
62.5°	1.1
65°	1.1
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)