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: P1293343

Luminaire Tested: P3AS09R40W2N902765DE010 E3D1H_2700K

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1293343
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R40W2N902765DE010 E3D1H_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3D1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	740.0 lumens
Efficiency:	N/A
Efficacy:	82.2 lumens/watt
Spacing Criteria (0/90/45):	0.7 / 0.7 / 0.6
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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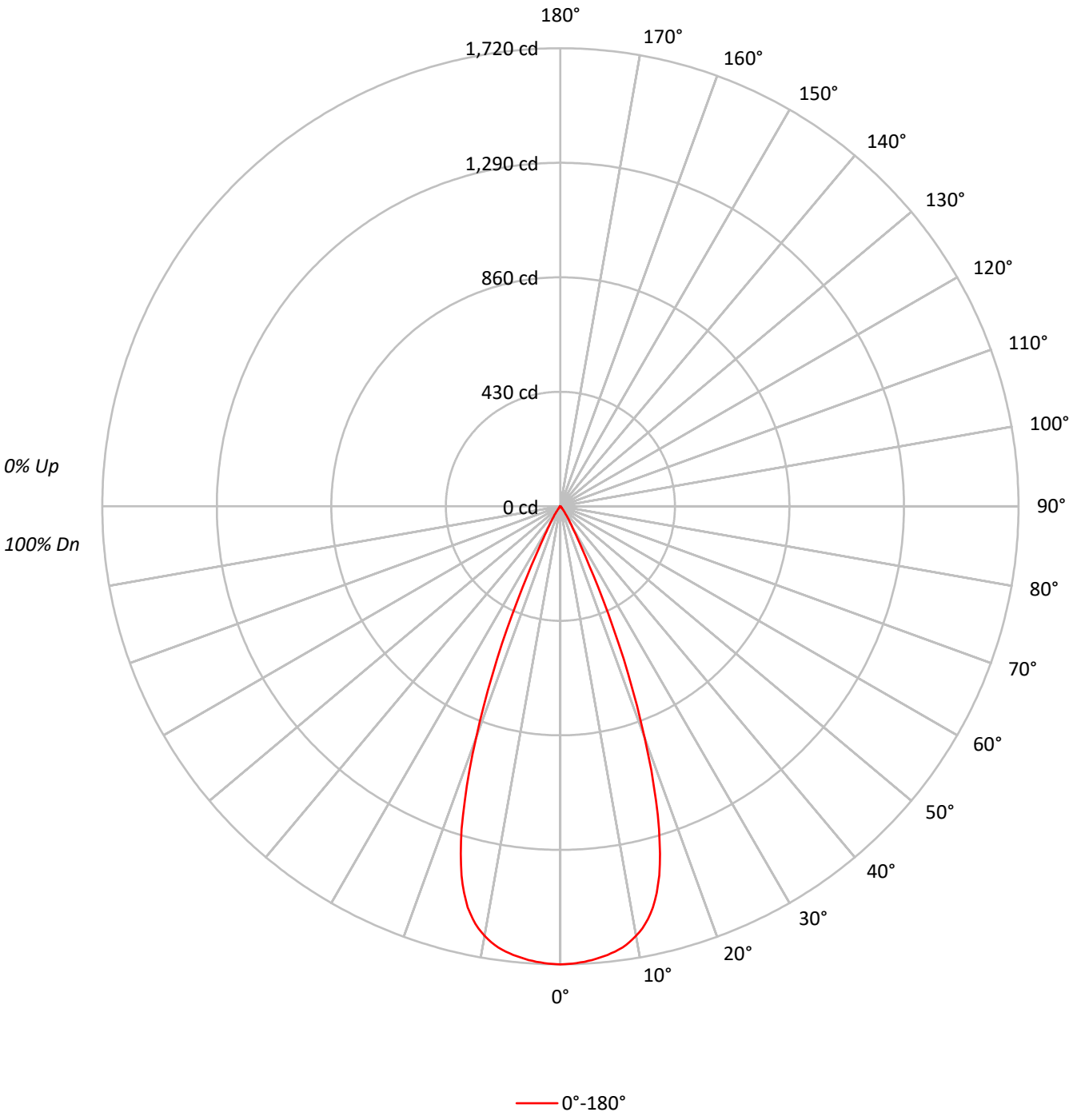
Luminous Intensity Polar Plot



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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	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	377185
5°	374465
10°	364678
15°	325745
20°	215992
25°	80908
30°	21649
35°	8459
40°	3034
45°	1458
50°	443
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.5	21.7
10°-20°	380.2	51.4
20°-30°	172.4	23.3
30°-40°	22.3	3.0
40°-50°	3.9	0.5
50°-60°	0.5	0.1
60°-70°	0.2	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°	713.2	96.4
0°-40°	735.5	99.4
0°-60°	739.9	100.0
0°-90°	740.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1720	
5°	1701	161
15°	1435	380
25°	334	172
35°	32	22
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1720.1
1°	1719.1
2°	1716.5
3°	1712.6
4°	1707.7
5°	1701.2
6°	1693.7
7°	1684.4
8°	1673.0
9°	1657.5
10°	1637.8
11°	1614.7
12°	1583.9
13°	1545.8
14°	1496.1
15°	1434.9
16°	1356.9
17°	1268.1
18°	1161.4
19°	1048.7
20°	925.6
21°	802.6
22°	681.3
23°	560.6
24°	442.0
25°	334.4
26°	247.7
27°	181.3
28°	136.3
29°	106.0
30°	85.5
31°	70.7
32°	59.1
32.5°	53.9
33°	48.7
34°	39.6
35°	31.6
36°	24.9
37°	19.7
37.5°	17.6
38°	15.5
39°	13.0
40°	10.6
42.5°	7.0
45°	4.7

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	*2.8*
50°	*1.3*
52.5°	*0.5*
55°	*0.5*
57.5°	*0.3*
60°	*0.3*
62.5°	*0.3*
65°	*0.3*
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*
90°	*0.0*

(END OF REPORT)