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: P1302353

Luminaire Tested: P3AS17R65W2N902750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1302353
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab:	INNOVATION CENTER
Issue Date:	1/29/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R65W2N902750DE010 E3D1WMH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1291.0 lumens
Efficiency:	N/A
Efficacy:	66.5 lumens/watt
Spacing Criteria (0/90/45):	0.92 / 0.92 / 0.88
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	19.4
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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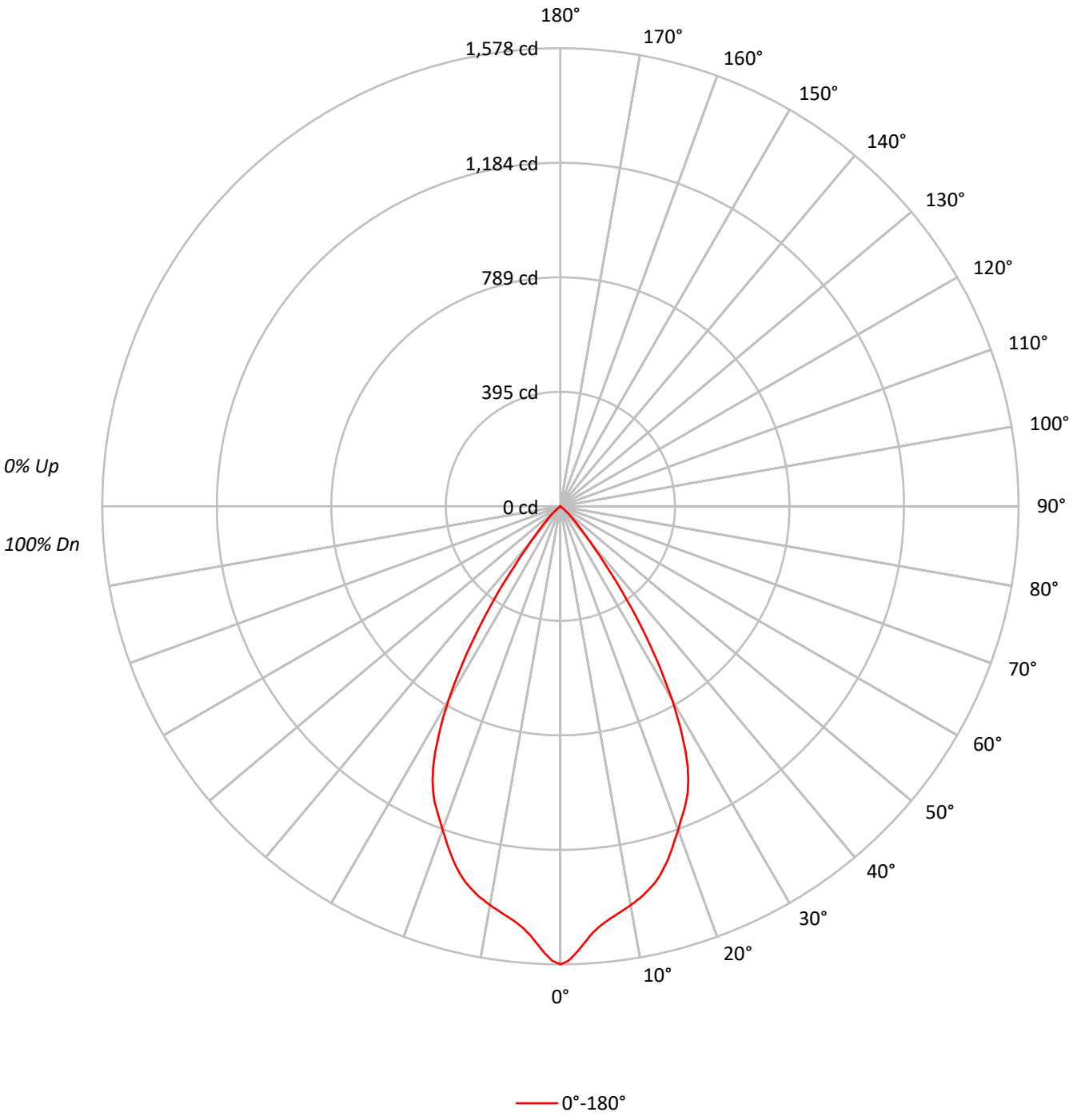
Luminous Intensity Polar Plot



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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	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	345937
5°	321197
10°	310615
15°	299343
20°	276757
25°	252160
30°	194815
35°	112939
40°	44798
45°	19103
50°	4537
55°	612
60°	482
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19103 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.6	10.7
10°-20°	367.4	28.5
20°-30°	465.0	36.0
30°-40°	264.8	20.5
40°-50°	52.6	4.1
50°-60°	2.8	0.2
60°-70°	0.7	0.1
70°-80°	0.1	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°	970.1	75.1
0°-40°	1234.9	95.6
0°-60°	1290.3	99.9
0°-90°	1291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1291.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1578	
5°	1459	138
15°	1319	367
25°	1042	465
35°	422	265
45°	62	53
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1577.6
1°	1565.9
2°	1540.4
3°	1510.7
4°	1481.5
5°	1459.2
6°	1442.8
7°	1429.5
8°	1417.9
9°	1406.2
10°	1395.0
11°	1382.8
12°	1370.1
13°	1354.7
14°	1338.3
15°	1318.6
16°	1295.3
17°	1269.8
18°	1242.2
19°	1213.0
20°	1186.0
21°	1158.4
22°	1133.4
23°	1107.4
24°	1077.2
25°	1042.2
26°	1000.2
27°	949.8
28°	893.1
29°	832.6
30°	769.4
31°	699.9
32°	630.9
32.5°	595.4
33°	560.9
34°	490.8
35°	421.9
36°	358.2
37°	295.0
37.5°	262.7
38°	236.7
39°	191.6
40°	156.5
42.5°	96.6
45°	61.6

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	*36.1*
50°	*13.3*
52.5°	*2.7*
55°	*1.6*
57.5°	*1.1*
60°	*1.1*
62.5°	*1.1*
65°	*0.5*
67.5°	*0.5*
70°	*0.5*
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)