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: P1300986

Luminaire Tested: P3AS17R40W2N902765DE010 E3DL1MW_6500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1300986
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R40W2N902765DE010 E3DL1MW_6500K
Description:	3in Adjustable Tunable White LED luminaire with, R40 optic, 6500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1404.0 lumens
Efficiency:	N/A
Efficacy:	72.4 lumens/watt
Spacing Criteria (0/90/45):	0.65 / 0.65 / 0.63
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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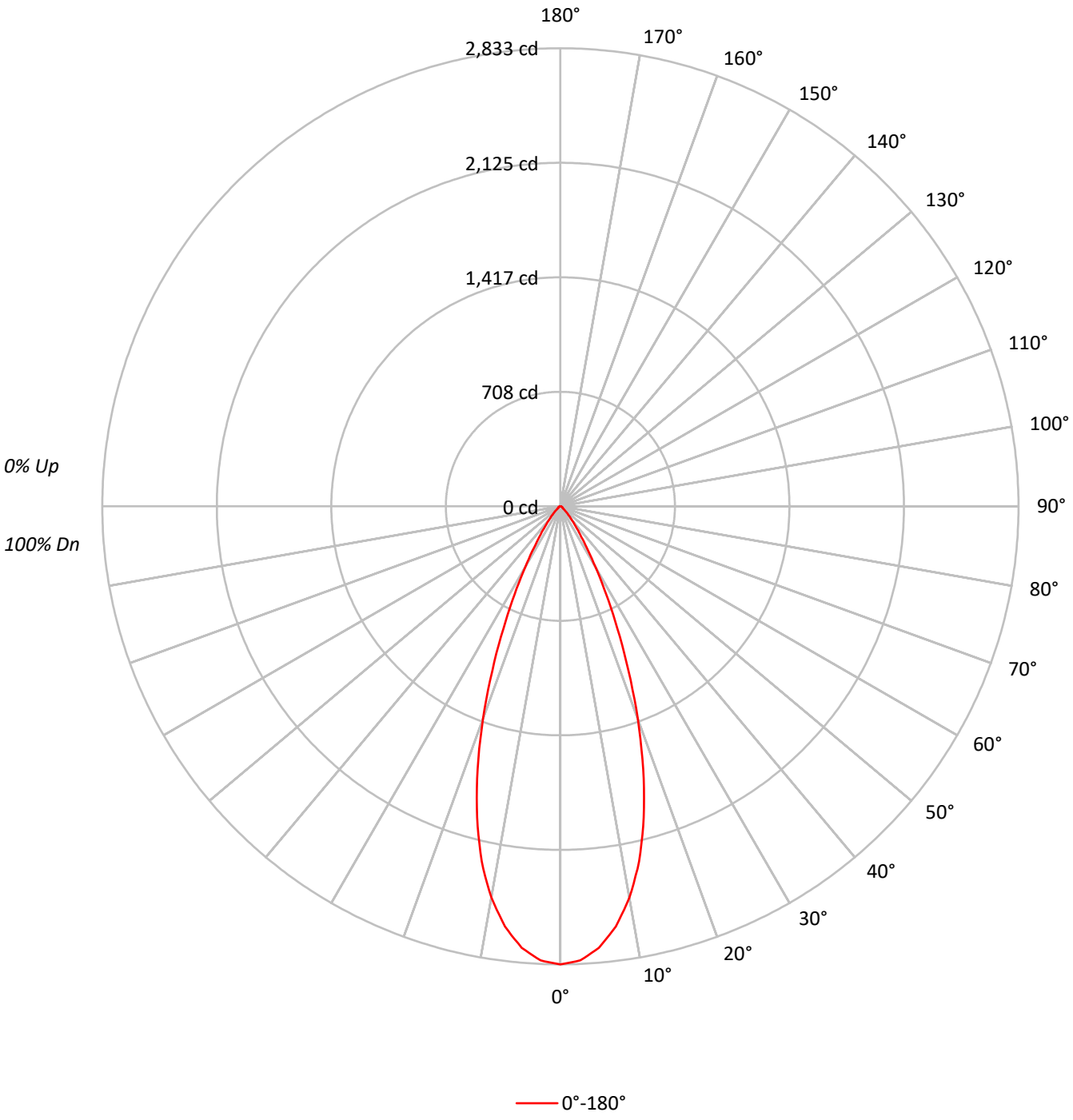
Luminous Intensity Polar Plot



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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	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	621266
5°	603212
10°	547396
15°	452216
20°	326205
25°	201762
30°	109232
35°	56456
40°	30715
45°	17180
50°	8631
55°	6461
60°	5833
65°	5604
70°	5386
75°	5083
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 17180 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.6	18.0
10°-20°	542.4	38.6
20°-30°	387.1	27.6
30°-40°	142.5	10.2
40°-50°	44.9	3.2
50°-60°	15.6	1.1
60°-70°	10.7	0.8
70°-80°	6.3	0.5
80°-90°	1.8	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°	1182.1	84.2
0°-40°	1324.6	94.3
0°-60°	1385.1	98.7
0°-90°	1404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1404.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2833	
5°	2740	253
15°	1992	542
25°	834	387
35°	211	143
45°	55	45
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2833.2
2.5°	2811.5
5°	2740.4
7.5°	2622.3
10°	2458.4
12.5°	2249.9
15°	1992.0
17.5°	1702.8
20°	1397.9
22.5°	1097.8
25°	833.9
27.5°	612.2
30°	431.4
32.5°	302.5
35°	210.9
37.5°	149.4
40°	107.3
42.5°	77.1
45°	55.4
47.5°	37.4
50°	25.3
52.5°	18.1
55°	16.9
57.5°	15.7
60°	13.3
62.5°	12.1
65°	10.8
67.5°	9.6
70°	8.4
72.5°	7.2
75°	6.0
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)