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: P1263106

Luminaire Tested: P3AS17R459727DE010 E3CB1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1263106
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R459727DE010 E3CB1MW
Description:	3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3CB1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1445.0 lumens
Efficiency:	N/A
Efficacy:	68.2 lumens/watt
Spacing Criteria (0/90/45):	0.72 / 0.72 / 0.66
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	21.2
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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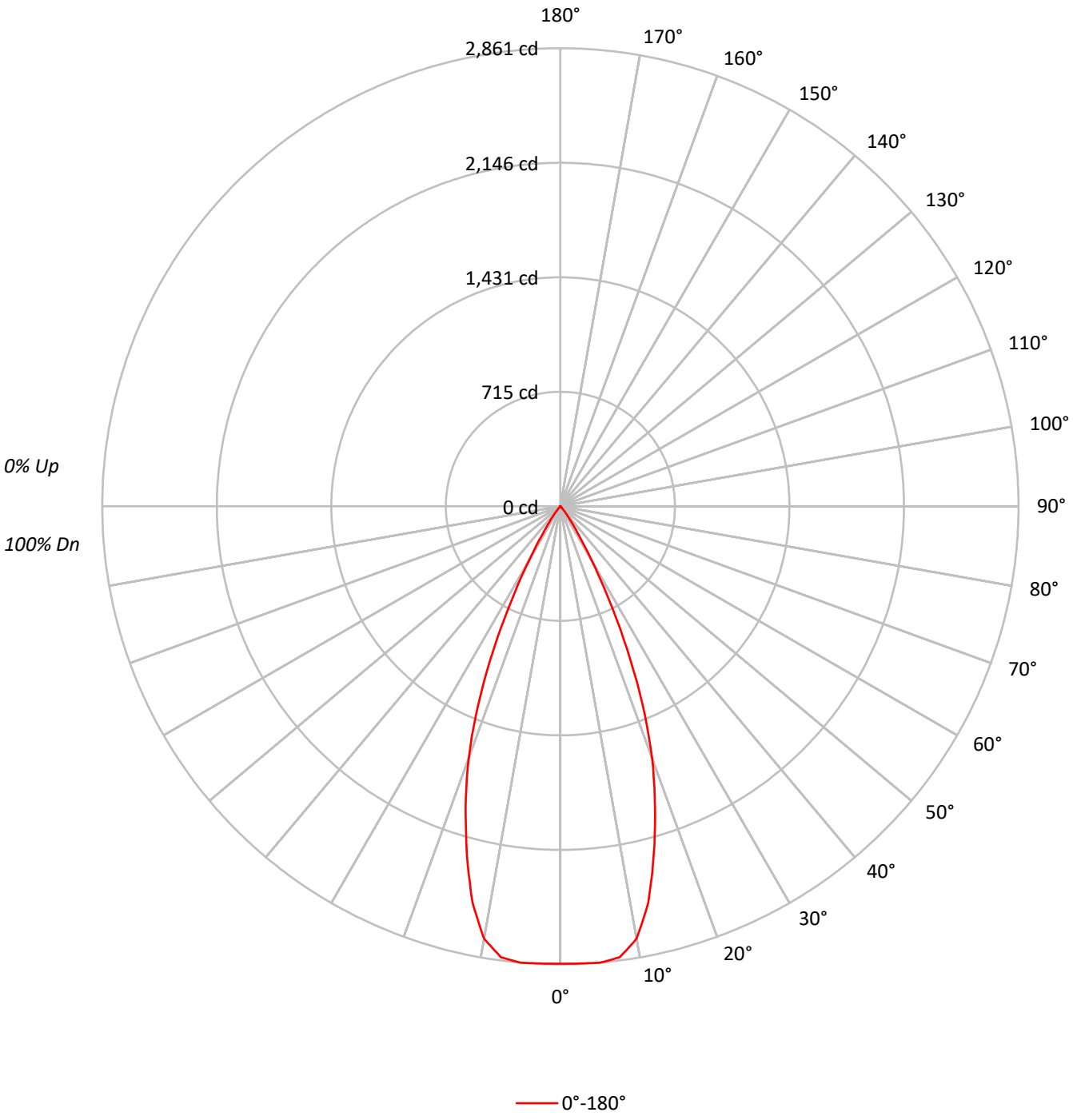
Luminous Intensity Polar Plot



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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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	82
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	79
6	94	87	82	78	93	86	81	78	85	80	77	83	80	77	82	79	76	75
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	626485
5°	629824
10°	610476
15°	511581
20°	391054
25°	238054
30°	99053
35°	31722
40°	9876
45°	2016
50°	1467
55°	1644
60°	1403
65°	1660
70°	1410
75°	1864
80°	1389
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2016 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	269.8	18.7
10°-20°	619.4	42.9
20°-30°	445.9	30.9
30°-40°	92.8	6.4
40°-50°	8.5	0.6
50°-60°	3.5	0.2
60°-70°	2.8	0.2
70°-80°	1.9	0.1
80°-90°	0.4	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°	1335.2	92.4
0°-40°	1427.9	98.8
0°-60°	1439.9	99.6
0°-90°	1445.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1445.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2857	
5°	2861	270
15°	2254	619
25°	984	446
35°	118	93
45°	6	8
55°	4	3
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2857.0
2.5°	2858.1
5°	2861.3
7.5°	2840.8
10°	2741.7
12.5°	2534.8
15°	2253.5
17.5°	1965.7
20°	1675.8
22.5°	1342.8
25°	983.9
27.5°	648.8
30°	391.2
32.5°	218.8
35°	118.5
37.5°	66.8
40°	34.5
42.5°	15.1
45°	6.5
47.5°	4.3
50°	4.3
52.5°	4.3
55°	4.3
57.5°	3.2
60°	3.2
62.5°	3.2
65°	3.2
67.5°	2.2
70°	2.2
72.5°	2.2
75°	2.2
77.5°	1.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)