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: P1263218

Luminaire Tested: P3AS17R659727DE010 E3CB1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1263218
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R659727DE010 E3CB1MW
Description:	3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3CB1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1333.0 lumens
Efficiency:	N/A
Efficacy:	62.9 lumens/watt
Spacing Criteria (0/90/45):	0.98 / 0.98 / 0.9
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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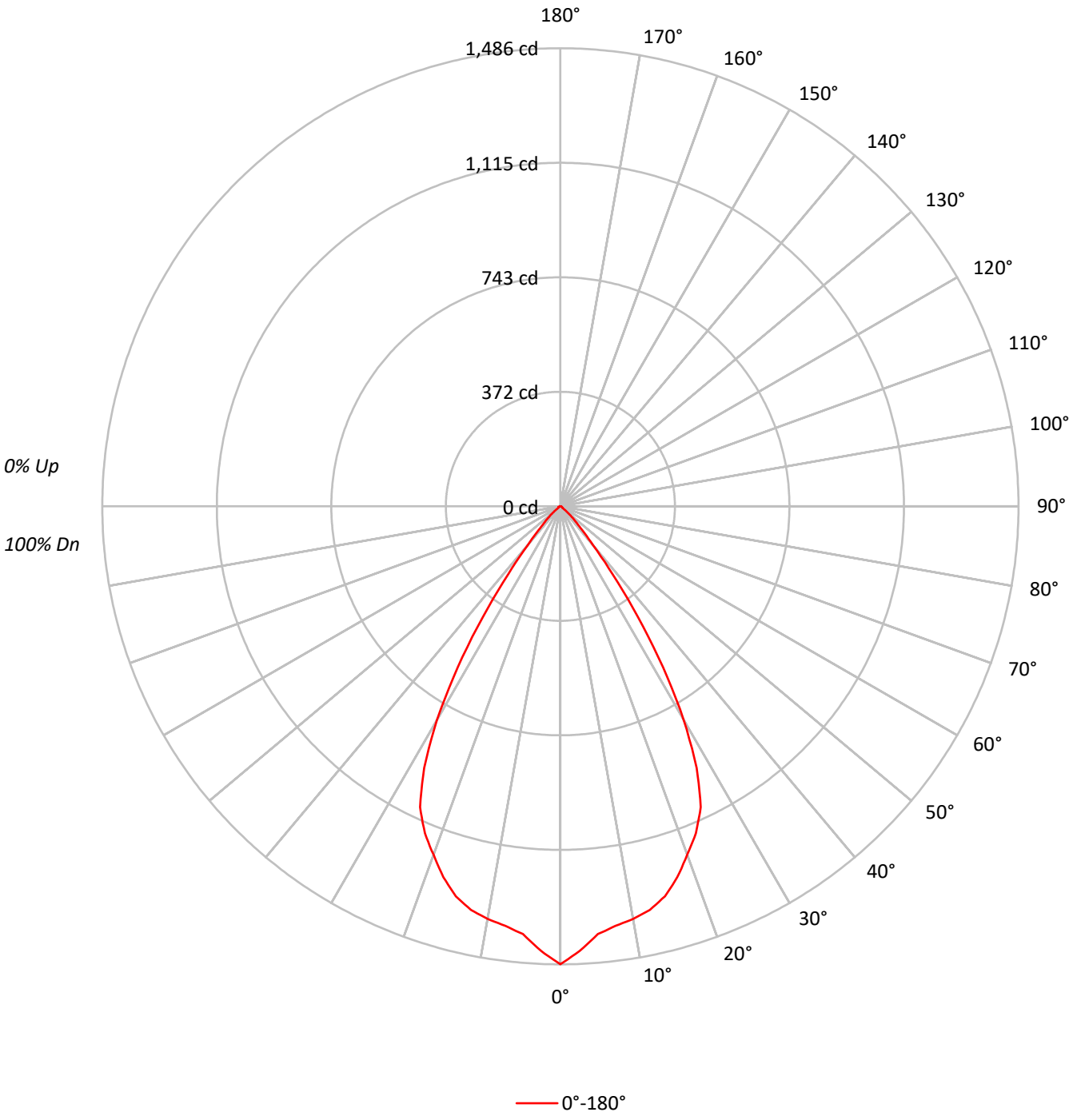
Luminous Intensity Polar Plot



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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	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	325763
5°	306603
10°	302689
15°	297346
20°	280748
25°	260580
30°	202537
35°	117169
40°	47203
45°	21739
50°	8460
55°	3288
60°	2851
65°	2802
70°	2757
75°	2711
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 21739 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.4	9.9
10°-20°	365.8	27.4
20°-30°	478.8	35.9
30°-40°	277.3	20.8
40°-50°	59.4	4.5
50°-60°	9.7	0.7
60°-70°	5.3	0.4
70°-80°	3.1	0.2
80°-90°	1.2	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°	977.0	73.3
0°-40°	1254.3	94.1
0°-60°	1323.4	99.3
0°-90°	1333.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1333.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1486	
5°	1393	132
15°	1310	366
25°	1077	479
35°	438	277
45°	70	59
55°	9	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1485.6
2.5°	1443.5
5°	1392.9
7.5°	1372.4
10°	1359.4
12.5°	1341.1
15°	1309.8
17.5°	1261.3
20°	1203.1
22.5°	1148.1
25°	1077.0
27.5°	957.3
30°	799.9
32.5°	619.9
35°	437.7
37.5°	277.1
40°	164.9
42.5°	103.5
45°	70.1
47.5°	45.3
50°	24.8
52.5°	11.9
55°	8.6
57.5°	7.5
60°	6.5
62.5°	6.5
65°	5.4
67.5°	4.3
70°	4.3
72.5°	3.2
75°	3.2
77.5°	2.2
80°	2.2
82.5°	1.1
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)