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: P1302143

Luminaire Tested: P3AS17R60W2N902765DE010 E3CB1MW_3500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1302143
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R60W2N902765DE010 E3CB1MW_3500K
Description:	3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3CB1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1566.9 lumens
Efficiency:	N/A
Efficacy:	80.8 lumens/watt
Spacing Criteria (0/90/45):	0.94 / 0.94 / 0.91
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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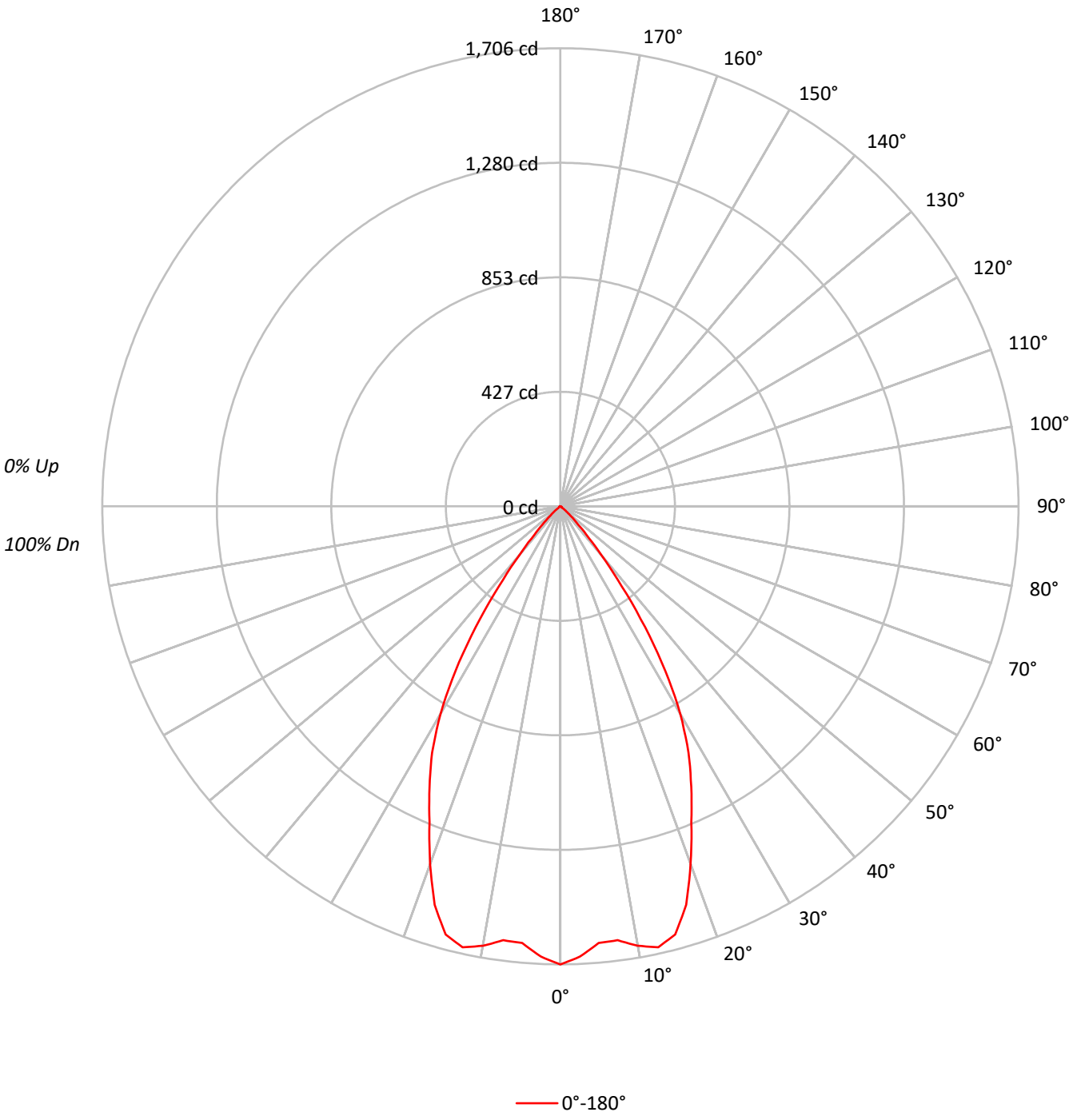
Luminous Intensity Polar Plot



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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	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	63	59	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	374181
5°	359343
10°	369978
15°	374735
20°	330895
25°	278871
30°	226161
35°	147284
40°	67641
45°	25925
50°	8699
55°	2332
60°	2105
65°	1868
70°	1539
75°	2033
80°	1515
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 25925 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.1	10.0
10°-20°	452.0	28.8
20°-30°	527.3	33.6
30°-40°	340.2	21.7
40°-50°	76.2	4.9
50°-60°	7.6	0.5
60°-70°	3.6	0.2
70°-80°	2.1	0.1
80°-90°	0.8	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°	1136.4	72.5
0°-40°	1476.6	94.2
0°-60°	1560.5	99.6
0°-90°	1566.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1566.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1706	
5°	1632	157
15°	1651	452
25°	1153	527
35°	550	340
45°	84	76
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1706.4
2.5°	1678.6
5°	1632.5
7.5°	1630.1
10°	1661.6
12.5°	1682.2
15°	1650.7
17.5°	1556.2
20°	1418.0
22.5°	1273.8
25°	1152.6
27.5°	1033.8
30°	893.2
32.5°	728.4
35°	550.2
37.5°	375.7
40°	236.3
42.5°	141.8
45°	83.6
47.5°	48.5
50°	25.5
52.5°	8.5
55°	6.1
57.5°	4.8
60°	4.8
62.5°	3.6
65°	3.6
67.5°	3.6
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)