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: P1290758

Luminaire Tested: P3A05R60W2N902765DE010 E3CB1MW_3500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1290758
	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:	P3A05R60W2N902765DE010 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:	519.0 lumens
Efficiency:	N/A
Efficacy:	88.0 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):	5.9
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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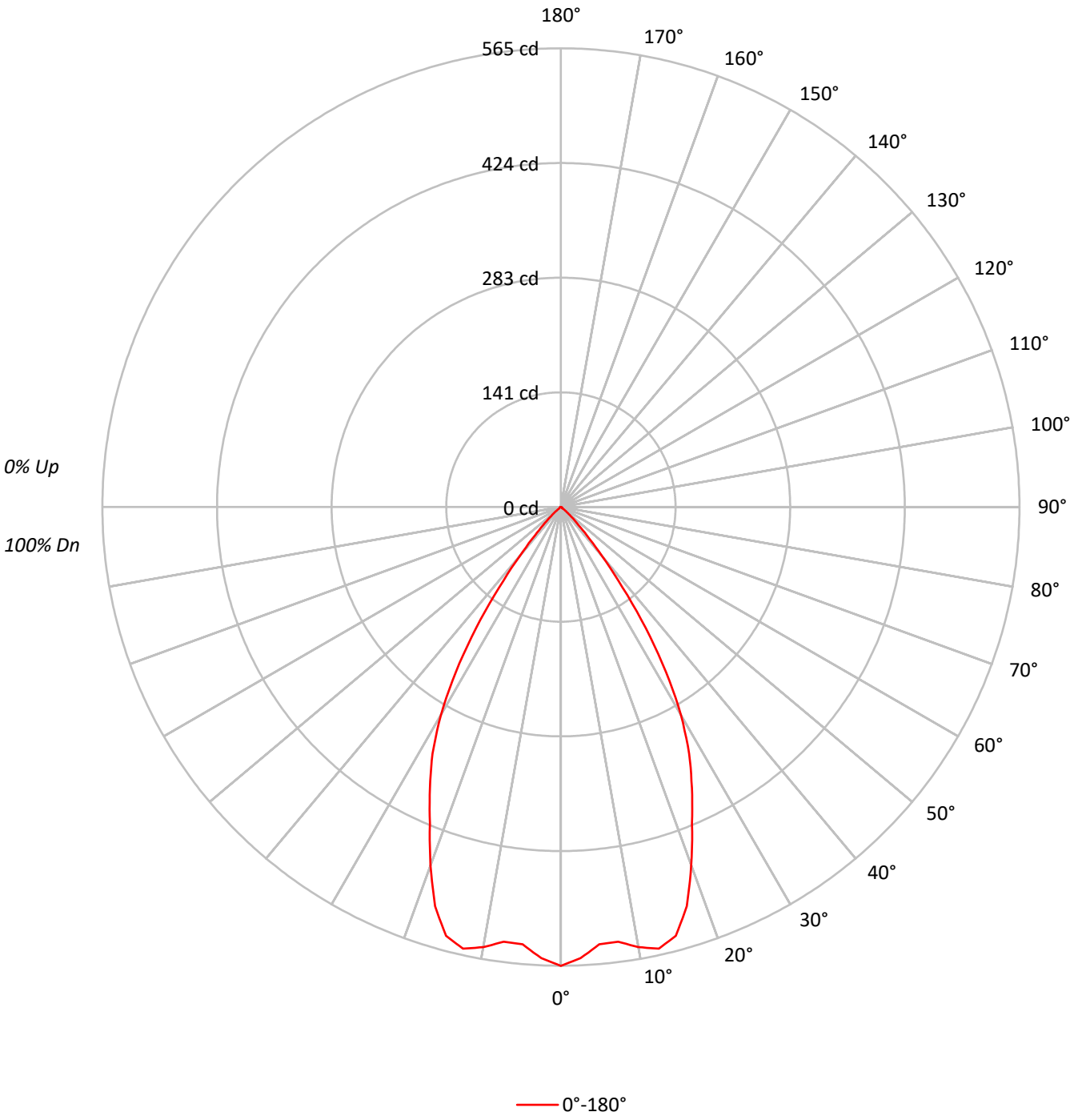
Luminous Intensity Polar Plot



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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°	123937
5°	119018
10°	122532
15°	124110
20°	109583
25°	92352
30°	74898
35°	48774
40°	22413
45°	8590
50°	2866
55°	765
60°	702
65°	623
70°	513
75°	678
80°	505
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8590 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.0	10.0
10°-20°	149.7	28.8
20°-30°	174.6	33.6
30°-40°	112.7	21.7
40°-50°	25.3	4.9
50°-60°	2.5	0.5
60°-70°	1.2	0.2
70°-80°	0.7	0.1
80°-90°	0.3	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°	376.4	72.5
0°-40°	489.0	94.2
0°-60°	516.8	99.6
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	565	
5°	541	52
15°	547	150
25°	382	175
35°	182	113
45°	28	25
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	565.2
2.5°	556.0
5°	540.7
7.5°	539.9
10°	550.3
12.5°	557.2
15°	546.7
17.5°	515.4
20°	469.6
22.5°	421.9
25°	381.7
27.5°	342.4
30°	295.8
32.5°	241.2
35°	182.2
37.5°	124.4
40°	78.3
42.5°	47.0
45°	27.7
47.5°	16.1
50°	8.4
52.5°	2.8
55°	2.0
57.5°	1.6
60°	1.6
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)