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: P1288880

Luminaire Tested: P3A05R30W2N902765DE010 E3CB1MW_3000K

Issue Date: 1/30/2026

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Test Information

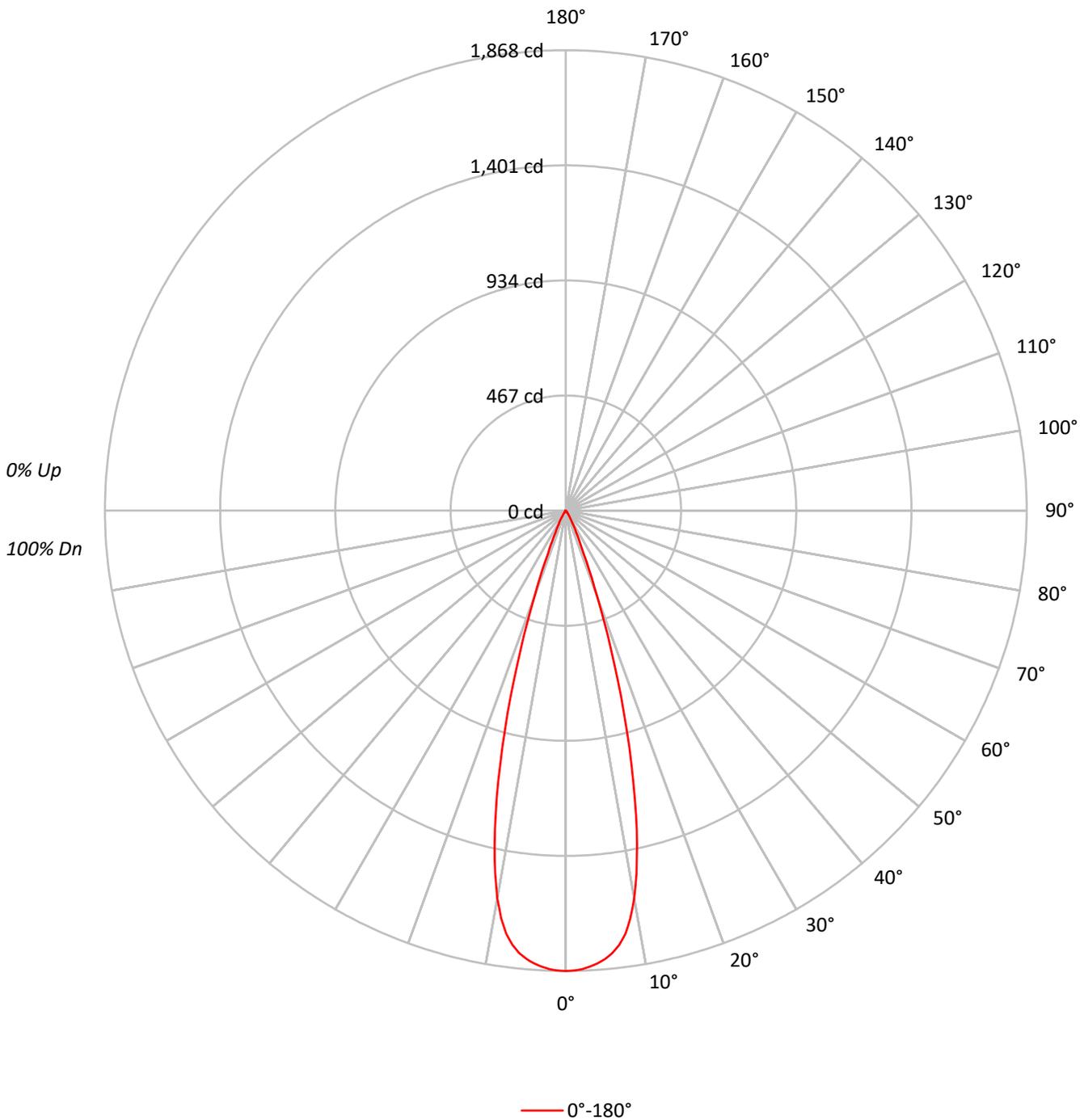|	
Test Method:	LM-79-2019
Report Number:	P1288880
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A05R30W2N902765DE010 E3CB1MW_3000K
Description:	3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3CB1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	503.0 lumens
Efficiency:	N/A
Efficacy:	85.3 lumens/watt
Spacing Criteria (0/90/45):	0.53 / 0.53 / 0.47
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

Scaled Data Report

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Luminous Intensity Polar Plot

0% Up

100% Dn

—— 0°-180°

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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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	85
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	77
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	409616
5°	401870
10°	355749
15°	225404
20°	85547
25°	25332
30°	10002
35°	3078
40°	1345
45°	496
50°	409
55°	306
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 505 cd/sqm

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ZONAL LUMENS:				CANDELA DISTRIBUTION:		
Zone	Lumens	% Fixture			0°	Flux
0°-10°	167.8	33.4		0°	1868	
10°-20°	261.6	52.0		5°	1826	168
20°-30°	60.7	12.1		15°	993	262
30°-40°	9.4	1.9		25°	105	61
40°-50°	1.6	0.3		35°	12	9
50°-60°	0.8	0.2		45°	2	2
60°-70°	0.6	0.1		55°	1	1
70°-80°	0.4	0.1		65°	1	1
80°-90°	0.1	0.0		75°	0	0
90°-100°	0.0	0.0		85°	0	0
100°-110°	0.0	0.0		90°	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°	490.1	97.4				
0°-40°	499.5	99.3				
0°-60°	501.9	99.8				
0°-90°	503.0	100.0				
90°-120°	0.0	0.0				
90°-150°	0.0	0.0				
90°-180°	0.0	0.0				
0°-180°	503.0	100.0				

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1868.0
1°	1866.8
2°	1861.7
3°	1853.0
4°	1841.9
5°	1825.7
6°	1805.6
7°	1775.5
8°	1734.4
9°	1674.0
10°	1597.7
11°	1499.4
12°	1388.3
13°	1265.1
14°	1129.6
15°	992.9
17.5°	649.5
20°	366.6
22.5°	187.3
25°	104.7
27.5°	64.4
30°	39.5
32.5°	21.3
35°	11.5
37.5°	7.5
40°	4.7
42.5°	2.8
45°	1.6
47.5°	1.2
50°	1.2
52.5°	0.8
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)