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: P1288683

Luminaire Tested: P3AS05R25W2N902765DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

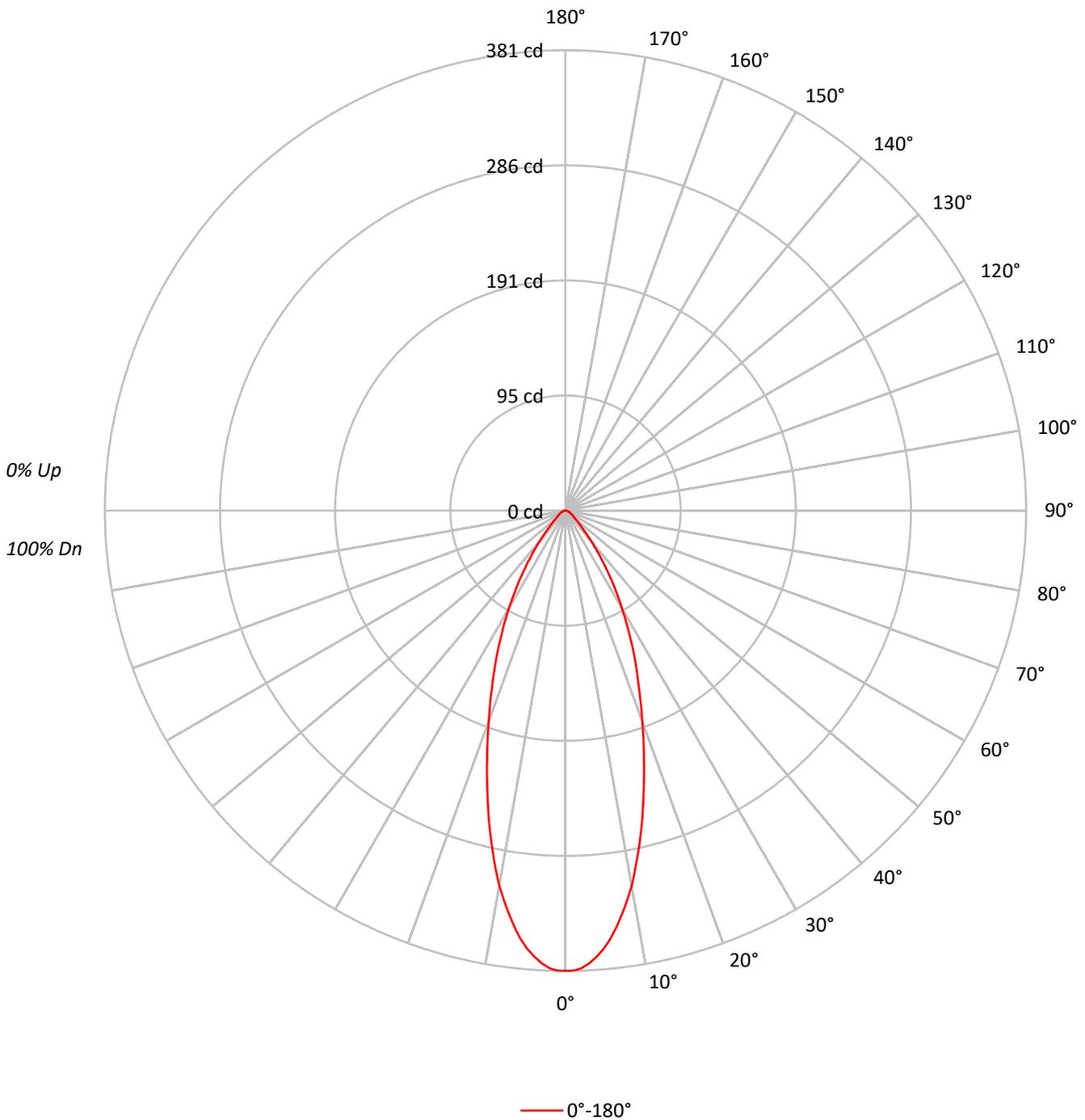|	
Test Method:	LM-79-2019
Report Number:	P1288683
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R25W2N902765DE010 E3DLP1WMH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	230.0 lumens
Efficiency:	N/A
Efficacy:	39.0 lumens/watt
Spacing Criteria (0/90/45):	0.62 / 0.62 / 0.68
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

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	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	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	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83502
5°	80101
10°	70184
15°	56413
20°	43334
25°	32784
30°	23700
35°	15740
40°	9532
45°	5551
50°	3548
55°	2867
60°	2500
65°	2231
70°	1859
75°	1864
80°	1389
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	14.4
10°-20°	68.7	29.9
20°-30°	62.1	27.0
30°-40°	37.3	16.2
40°-50°	14.8	6.4
50°-60°	6.8	3.0
60°-70°	4.2	1.8
70°-80°	2.2	1.0
80°-90°	0.6	0.3
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°	164.0	71.3
0°-40°	201.3	87.5
0°-60°	222.9	96.9
0°-90°	230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	381	
5°	364	33
15°	248	69
25°	136	62
35°	59	37
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	380.8
1°	380.8
2°	379.0
3°	375.1
4°	370.0
5°	363.9
6°	356.1
7°	347.1
8°	336.7
9°	326.3
10°	315.2
11°	302.3
12°	289.0
13°	275.7
14°	262.5
15°	248.5
17.5°	215.5
20°	185.7
22.5°	158.8
25°	135.5
27.5°	113.7
30°	93.6
32.5°	75.3
35°	58.8
37.5°	44.8
40°	33.3
42.5°	24.4
45°	17.9
47.5°	13.6
50°	10.4
52.5°	8.6
55°	7.5
57.5°	6.5
60°	5.7
62.5°	4.7
65°	4.3
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.2
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)