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: P1295640

Luminaire Tested: P3AS13R15W2N902765DE010 E3DLP1WMH_6500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1295640
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R15W2N902765DE010 E3DLP1WMH_6500K
Description:	3in Adjustable Tunable White LED luminaire with, R15 optic, 6500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	475.0 lumens
Efficiency:	N/A
Efficacy:	38.6 lumens/watt
Spacing Criteria (0/90/45):	0.52 / 0.52 / 0.61
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	12.3
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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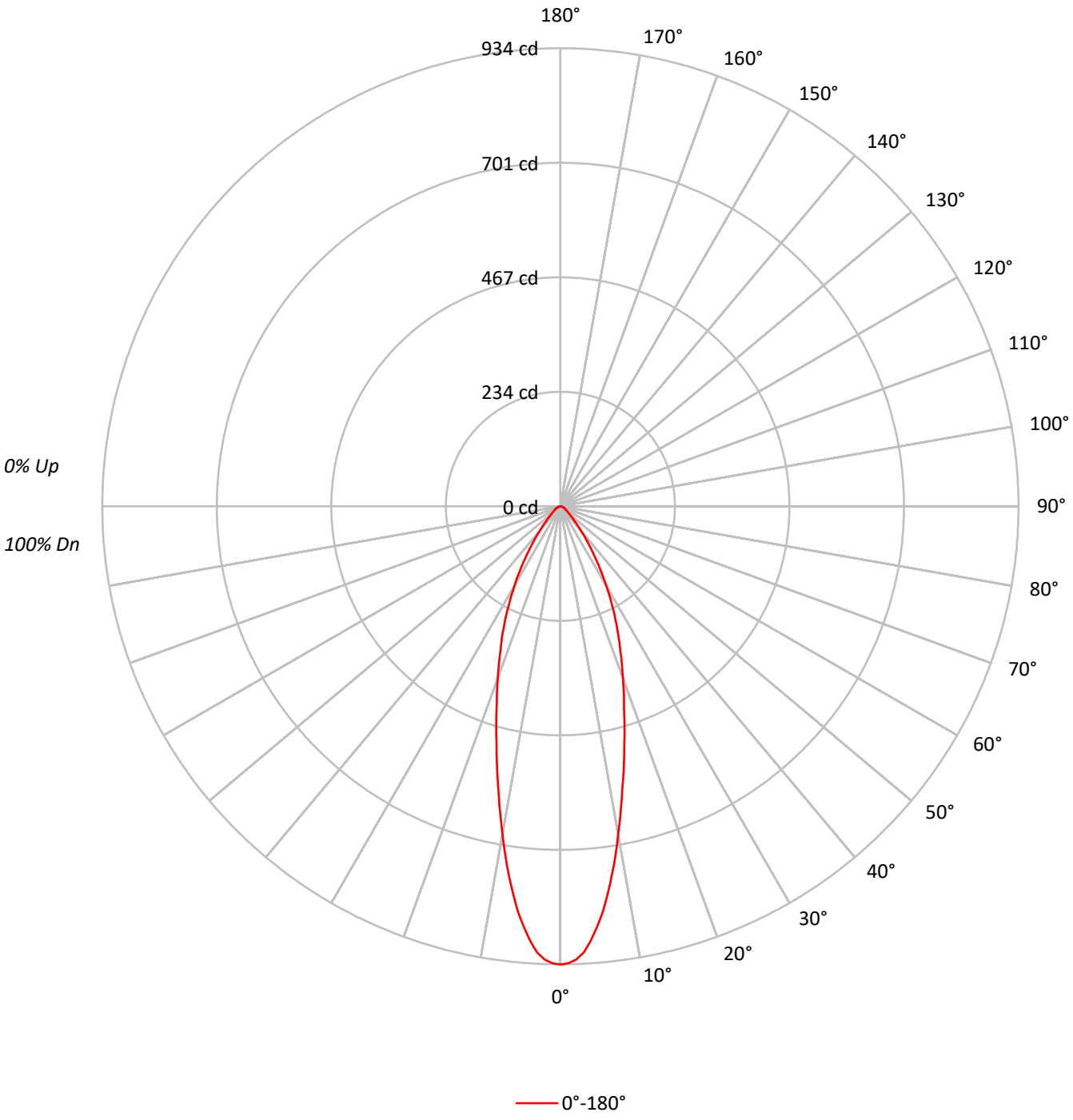
Luminous Intensity Polar Plot



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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	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204830
5°	189324
10°	151144
15°	114166
20°	86948
25°	66246
30°	47450
35°	30972
40°	18978
45°	11474
50°	7642
55°	5887
60°	5087
65°	4410
70°	3975
75°	3897
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11474 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	16.0
10°-20°	140.6	29.6
20°-30°	125.1	26.3
30°-40°	74.0	15.6
40°-50°	30.4	6.4
50°-60°	14.3	3.0
60°-70°	8.7	1.8
70°-80°	4.6	1.0
80°-90°	1.2	0.2
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°	341.9	72.0
0°-40°	415.9	87.6
0°-60°	460.6	97.0
0°-90°	475.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	475.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	934	
5°	860	76
15°	503	141
25°	274	125
35°	116	74
45°	37	30
55°	15	14
65°	8	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	934.1
1°	931.8
2°	924.8
3°	911.0
4°	887.8
5°	860.1
6°	830.0
7°	794.5
8°	757.5
9°	719.7
10°	678.8
12.5°	585.5
15°	502.9
17.5°	432.0
20°	372.6
22.5°	320.1
25°	273.8
27.5°	229.1
30°	187.4
32.5°	149.6
35°	115.7
37.5°	88.7
40°	66.3
42.5°	49.4
45°	37.0
47.5°	28.5
50°	22.4
52.5°	18.5
55°	15.4
57.5°	13.1
60°	11.6
62.5°	10.0
65°	8.5
67.5°	7.7
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.1
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)