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: P1267944

Luminaire Tested: P3AS17R559735DE010 E3DLP1WMH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1267944
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R559735DE010 E3DLP1WMH
Description:	3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	873.0 lumens
Efficiency:	N/A
Efficacy:	41.2 lumens/watt
Spacing Criteria (0/90/45):	0.77 / 0.77 / 0.8
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	21.2
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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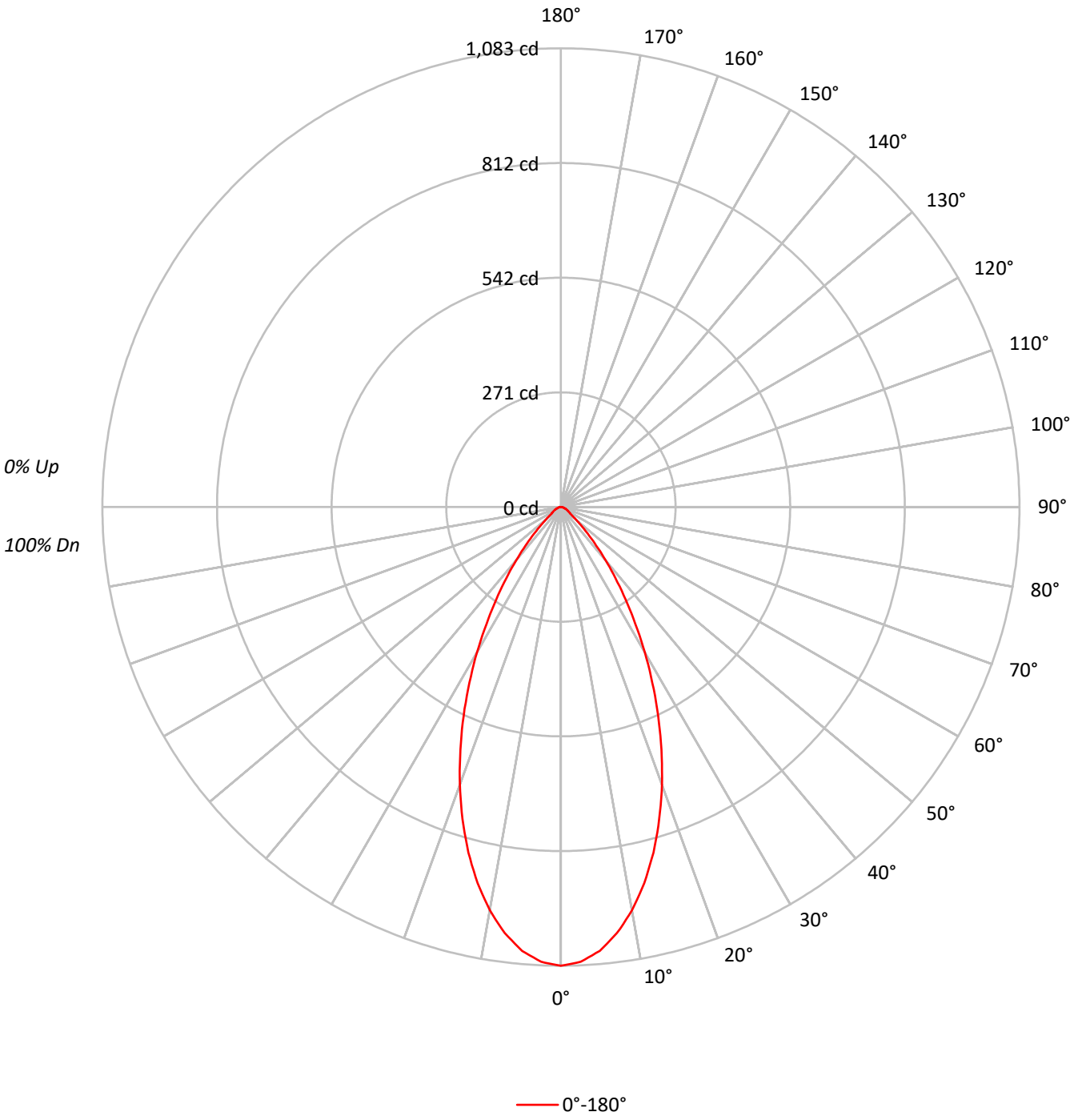
Luminous Intensity Polar Plot



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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	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	237481
5°	231520
10°	215249
15°	191670
20°	162881
25°	131451
30°	100218
35°	71286
40°	47031
45°	27910
50°	16375
55°	10093
60°	8947
65°	8094
70°	6924
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 27910 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	11.2
10°-20°	234.1	26.8
20°-30°	247.9	28.4
30°-40°	167.5	19.2
40°-50°	73.4	8.4
50°-60°	26.3	3.0
60°-70°	15.4	1.8
70°-80°	8.1	0.9
80°-90°	2.6	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°	579.7	66.4
0°-40°	747.2	85.6
0°-60°	846.9	97.0
0°-90°	873.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	873.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1083	
5°	1052	98
15°	844	234
25°	543	248
35°	266	168
45°	90	73
55°	26	26
65°	16	15
75°	7	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1083.0
2.5°	1074.6
5°	1051.8
7.5°	1014.6
10°	966.7
12.5°	909.1
15°	844.3
17.5°	772.4
20°	698.0
22.5°	620.1
25°	543.3
27.5°	467.7
30°	395.8
32.5°	327.4
35°	266.3
37.5°	211.1
40°	164.3
42.5°	123.5
45°	90.0
47.5°	66.0
50°	48.0
52.5°	33.6
55°	26.4
57.5°	24.0
60°	20.4
62.5°	18.0
65°	15.6
67.5°	13.2
70°	10.8
72.5°	9.6
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)