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: P1249167

Luminaire Tested: P3AS13R159027DE010 E3DL1WH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1249167
	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:	P3AS13R159027DE010 E3DL1WH
Description:	3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	559.0 lumens
Efficiency:	N/A
Efficacy:	38.3 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):	14.6
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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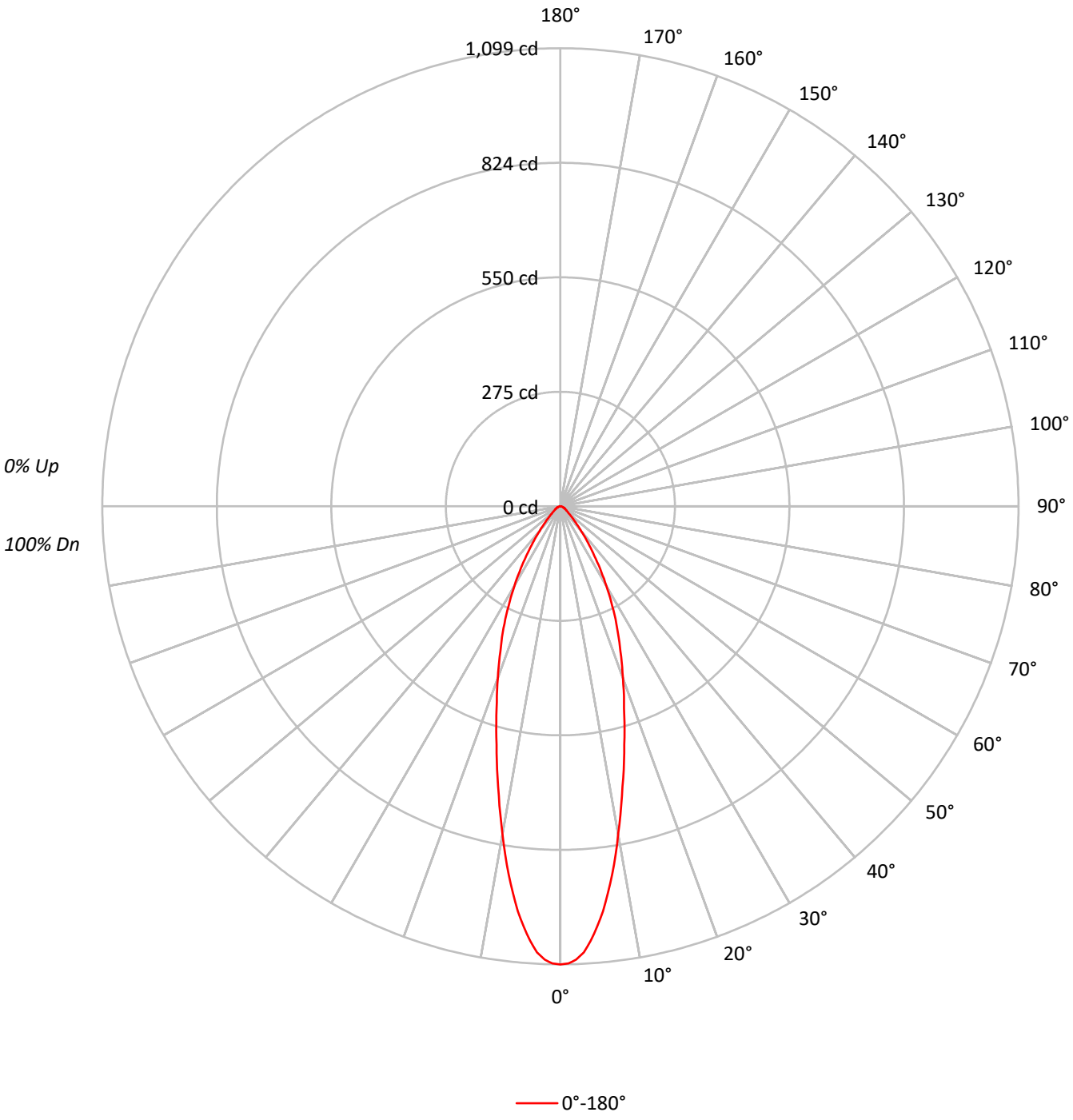
Luminous Intensity Polar Plot



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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°	241055
5°	222782
10°	177864
15°	134371
20°	102302
25°	77980
30°	55857
35°	36460
40°	22356
45°	13521
50°	8972
55°	6958
60°	5964
65°	5189
70°	4680
75°	4575
80°	3410
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13521 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.7	16.0
10°-20°	165.4	29.6
20°-30°	147.3	26.3
30°-40°	87.1	15.6
40°-50°	35.8	6.4
50°-60°	16.8	3.0
60°-70°	10.2	1.8
70°-80°	5.4	1.0
80°-90°	1.3	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°	402.4	72.0
0°-40°	489.5	87.6
0°-60°	542.1	97.0
0°-90°	559.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	559.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1099	
5°	1012	90
15°	592	165
25°	322	147
35°	136	87
45°	44	36
55°	18	17
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1099.3
1°	1096.6
2°	1088.4
3°	1072.1
4°	1044.8
5°	1012.1
6°	976.7
7°	935.0
8°	891.4
9°	846.9
10°	798.8
12.5°	689.0
15°	591.9
17.5°	508.3
20°	438.4
22.5°	376.7
25°	322.3
27.5°	269.6
30°	220.6
32.5°	176.1
35°	136.2
37.5°	104.4
40°	78.1
42.5°	58.1
45°	43.6
47.5°	33.6
50°	26.3
52.5°	21.8
55°	18.2
57.5°	15.4
60°	13.6
62.5°	11.8
65°	10.0
67.5°	9.1
70°	7.3
72.5°	6.4
75°	5.4
77.5°	3.6
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)