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: P1259999

Luminaire Tested: P3AS13R359050DE010 E3DL1GPH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1259999
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R359050DE010 E3DL1GPH
Description:	3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	547.0 lumens
Efficiency:	N/A
Efficacy:	37.5 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.58
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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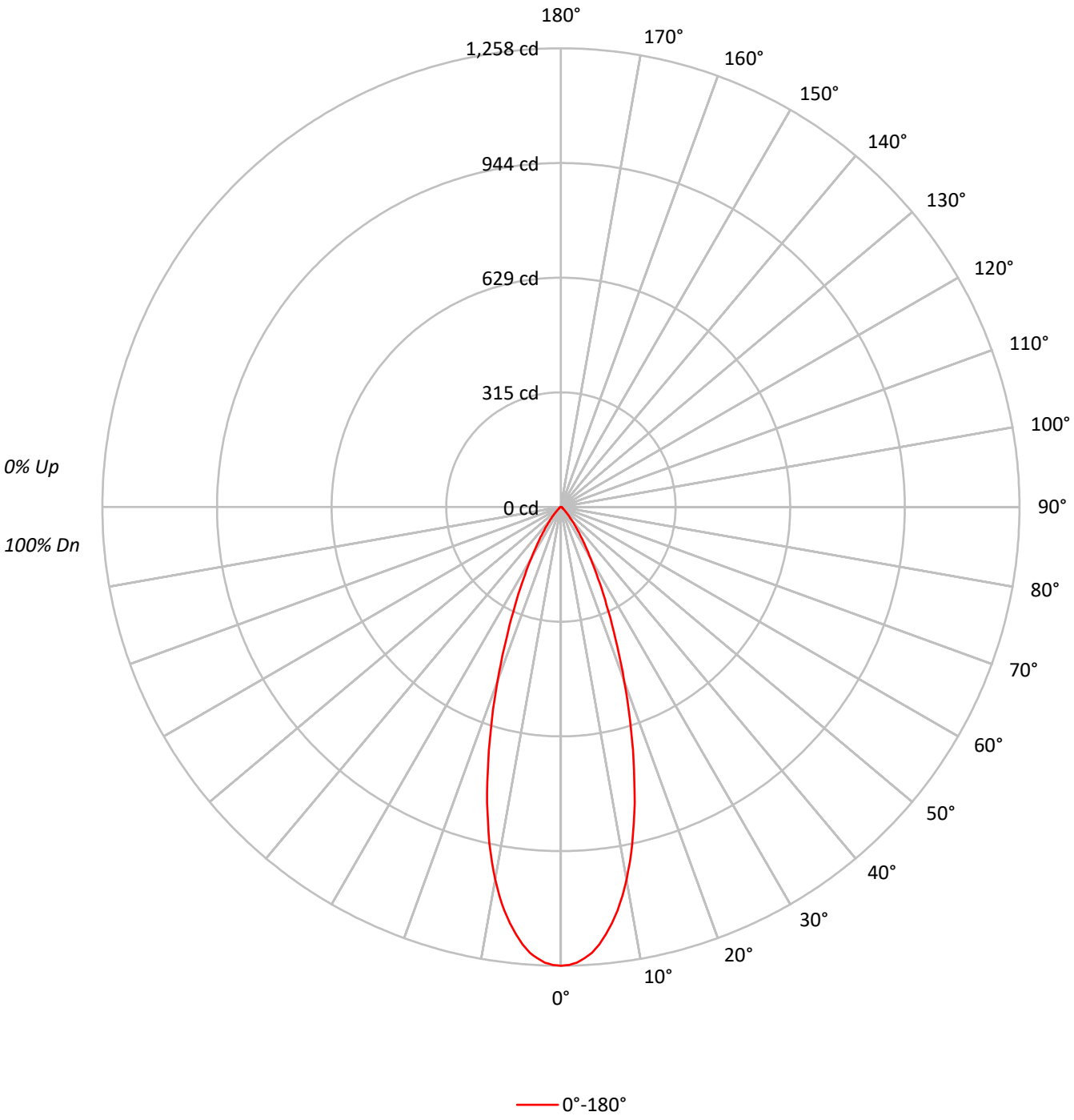
Luminous Intensity Polar Plot



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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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	275877
5°	265132
10°	231013
15°	176936
20°	118380
25°	71641
30°	41095
35°	22995
40°	12223
45°	6295
50°	3002
55°	2370
60°	2281
65°	1868
70°	1988
75°	1779
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6295 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.6	20.0
10°-20°	212.4	38.8
20°-30°	139.0	25.4
30°-40°	56.4	10.3
40°-50°	16.9	3.1
50°-60°	5.7	1.0
60°-70°	3.8	0.7
70°-80°	2.3	0.4
80°-90°	0.8	0.1
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°	461.0	84.3
0°-40°	517.4	94.6
0°-60°	540.1	98.7
0°-90°	547.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1258	
5°	1204	110
15°	779	212
25°	296	139
35°	86	56
45°	20	17
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1258.1
1°	1256.0
2°	1250.3
3°	1238.9
4°	1225.3
5°	1204.5
6°	1178.5
7°	1149.4
8°	1116.6
9°	1079.1
10°	1037.5
11°	991.2
12°	942.8
13°	888.7
14°	837.2
15°	779.4
17.5°	639.5
20°	507.3
22.5°	390.2
25°	296.1
27.5°	220.6
30°	162.3
32.5°	119.2
35°	85.9
37.5°	60.9
40°	42.7
42.5°	29.7
45°	20.3
47.5°	13.5
50°	8.8
52.5°	6.8
55°	6.2
57.5°	5.7
60°	5.2
62.5°	4.7
65°	3.6
67.5°	3.1
70°	3.1
72.5°	2.6
75°	2.1
77.5°	1.6
80°	1.6
82.5°	1.0
85°	0.5
87.5°	0.5

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)