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: P1268315

Luminaire Tested: P3A20R559735D010 E3DLD1WH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1268315
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A20R559735D010 E3DLD1WH
Description:	3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1333.0 lumens
Efficiency:	N/A
Efficacy:	46.3 lumens/watt
Spacing Criteria (0/90/45):	0.91 / 0.91 / 0.97
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	28.8
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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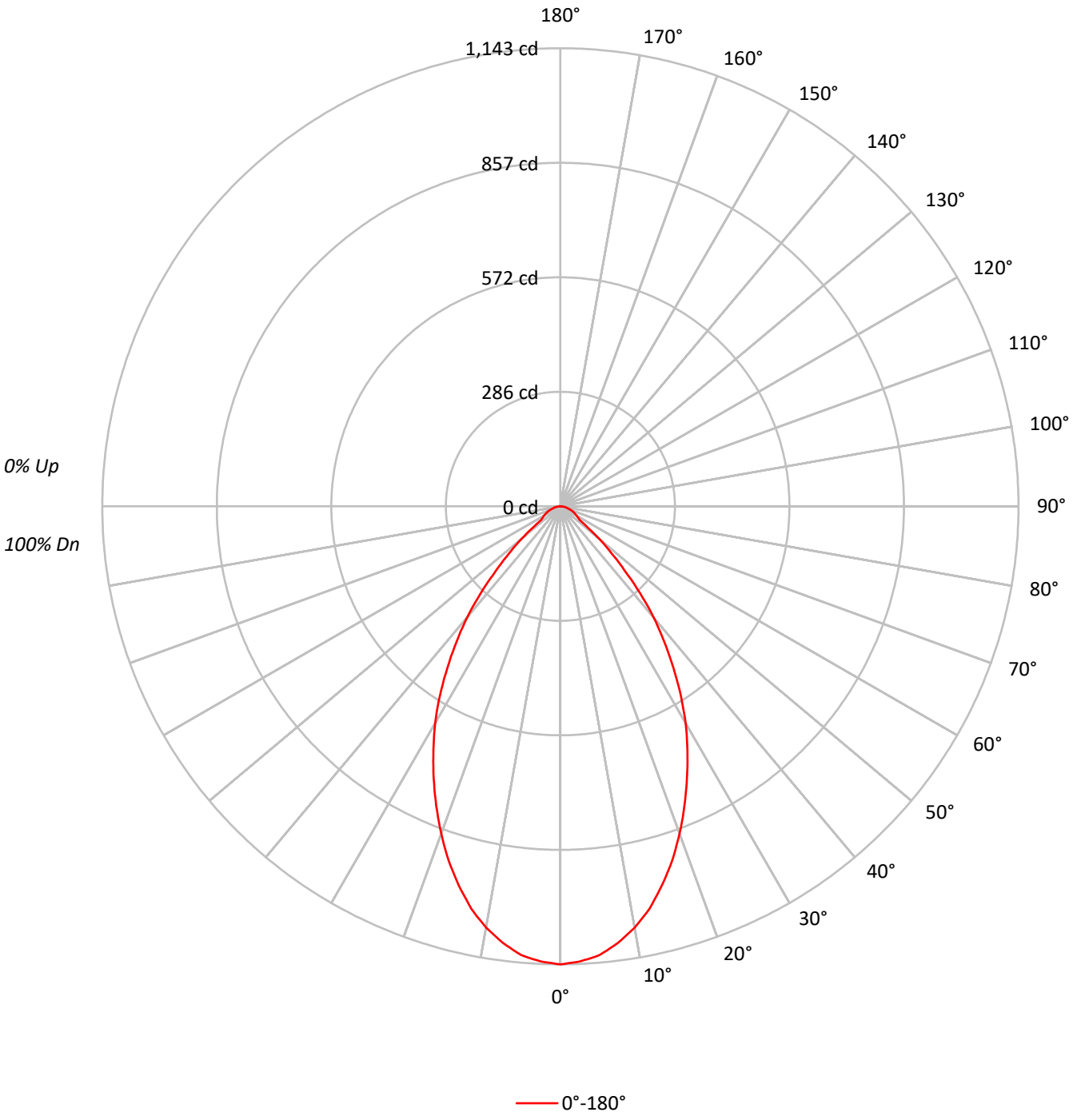
Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	250638
5°	247435
10°	237671
15°	222317
20°	202808
25°	180930
30°	158252
35°	131490
40°	103651
45°	70302
50°	42984
55°	22288
60°	20700
65°	19613
70°	18144
75°	16013
80°	15911
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 70302 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.4	7.9
10°-20°	273.7	20.5
20°-30°	342.7	25.7
30°-40°	306.0	23.0
40°-50°	179.2	13.4
50°-60°	61.9	4.6
60°-70°	37.4	2.8
70°-80°	20.7	1.6
80°-90°	6.0	0.4
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°	721.9	54.2
0°-40°	1027.8	77.1
0°-60°	1268.9	95.2
0°-90°	1333.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1333.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1143	
5°	1124	105
15°	979	274
25°	748	343
35°	491	306
45°	227	179
55°	58	62
65°	38	37
75°	19	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1143.0
2.5°	1136.7
5°	1124.1
7.5°	1098.9
10°	1067.4
12.5°	1028.1
15°	979.3
17.5°	927.3
20°	869.1
22.5°	809.2
25°	747.8
27.5°	686.4
30°	625.0
32.5°	558.9
35°	491.2
37.5°	425.1
40°	362.1
42.5°	294.4
45°	226.7
47.5°	173.2
50°	126.0
52.5°	81.9
55°	58.3
57.5°	52.0
60°	47.2
62.5°	42.5
65°	37.8
67.5°	33.1
70°	28.3
72.5°	23.6
75°	18.9
77.5°	15.7
80°	12.6
82.5°	7.9
85°	4.7
87.5°	3.1
90°	0.0

(END OF REPORT)