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: P1274800

Luminaire Tested: P3AS20R459830D010 E3DLD1H

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1274800
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS20R459830D010 E3DLD1H
Description:	3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1325.0 lumens
Efficiency:	N/A
Efficacy:	48.4 lumens/watt
Spacing Criteria (0/90/45):	0.84 / 0.84 / 0.92
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	27.4
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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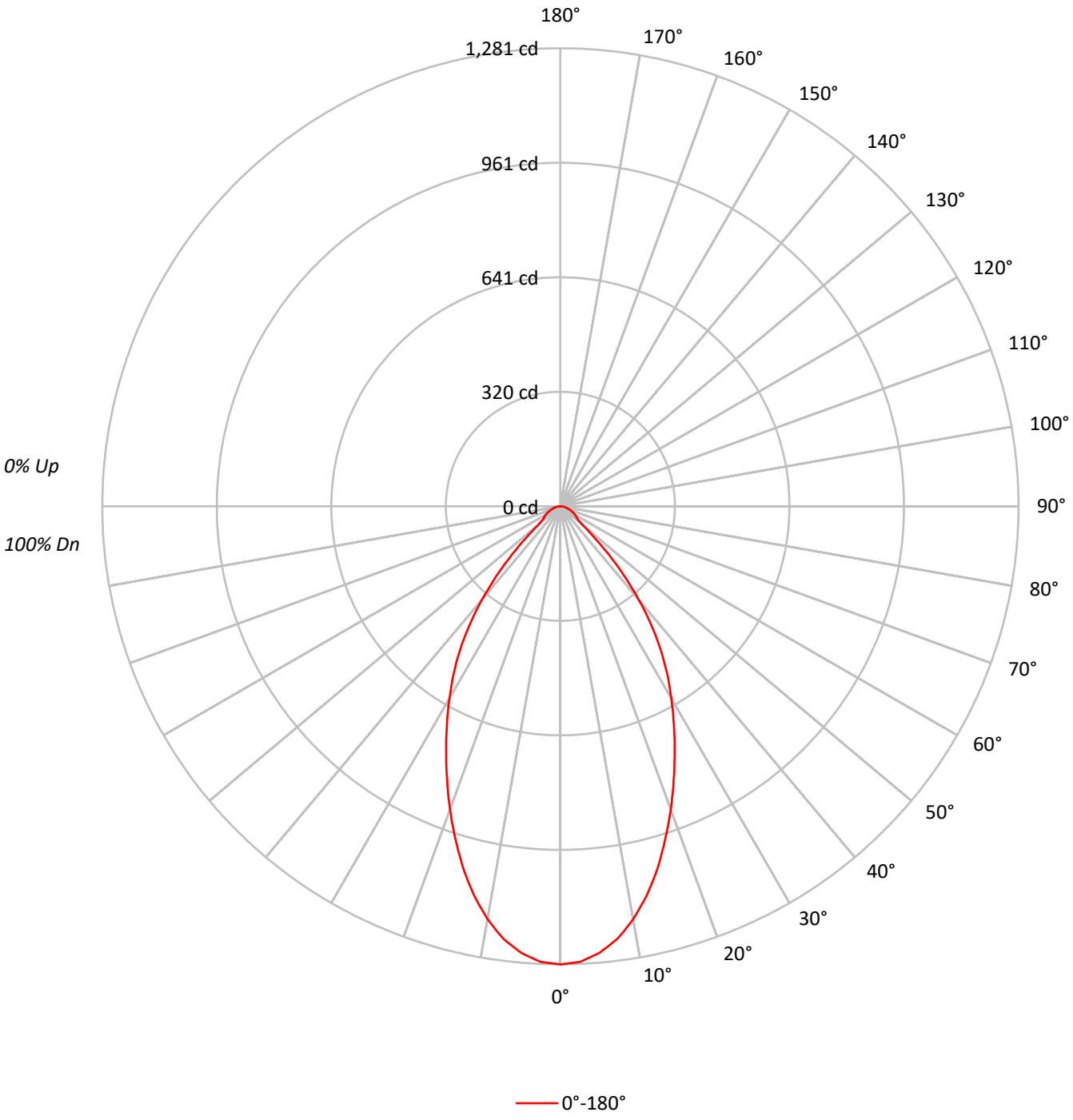
Luminous Intensity Polar Plot



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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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280920
5°	275962
10°	261117
15°	238140
20°	210578
25°	182890
30°	156986
35°	130794
40°	97468
45°	59665
50°	27598
55°	21600
60°	20744
65°	18990
70°	17631
75°	16860
80°	15406
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 59665 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.1	8.8
10°-20°	292.1	22.0
20°-30°	347.0	26.2
30°-40°	301.5	22.8
40°-50°	151.2	11.4
50°-60°	52.5	4.0
60°-70°	36.8	2.8
70°-80°	20.6	1.6
80°-90°	6.3	0.5
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°	756.2	57.1
0°-40°	1057.7	79.8
0°-60°	1261.4	95.2
0°-90°	1325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1281	
5°	1254	117
15°	1049	292
25°	756	347
35°	489	302
45°	192	151
55°	56	52
65°	37	37
75°	20	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1281.1
2.5°	1275.0
5°	1253.7
7.5°	1220.1
10°	1172.7
12.5°	1114.7
15°	1049.0
17.5°	975.7
20°	902.4
22.5°	827.6
25°	755.9
27.5°	687.1
30°	620.0
32.5°	555.8
35°	488.6
37.5°	416.9
40°	340.5
42.5°	265.7
45°	192.4
47.5°	126.7
50°	80.9
52.5°	62.6
55°	56.5
57.5°	51.9
60°	47.3
62.5°	42.8
65°	36.6
67.5°	32.1
70°	27.5
72.5°	22.9
75°	19.9
77.5°	15.3
80°	12.2
82.5°	9.2
85°	4.6
87.5°	3.1
90°	0.0

(END OF REPORT)