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: P1264360

Luminaire Tested: P3AS05R459730DE010 E3DL1WH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1264360
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R459730DE010 E3DL1WH
Description:	3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	323.9 lumens
Efficiency:	N/A
Efficacy:	45.0 lumens/watt
Spacing Criteria (0/90/45):	0.73 / 0.73 / 0.76
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.2
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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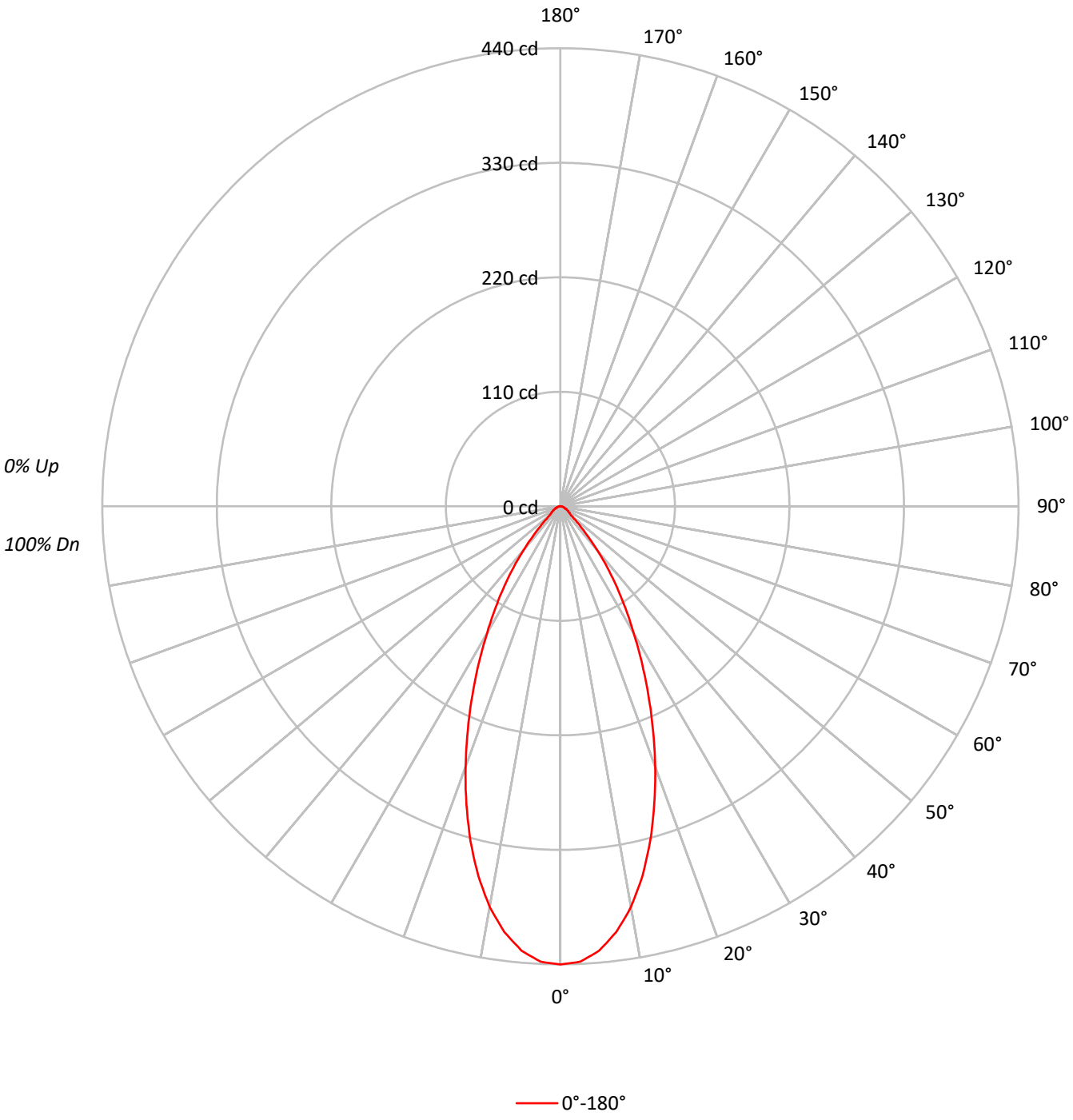
Luminous Intensity Polar Plot



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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	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86
3	102	95	90	86	100	93	89	85	91	87	83	88	85	82	86	83	81	79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	62	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96505
5°	94299
10°	86995
15°	75642
20°	62142
25°	48342
30°	35702
35°	25136
40°	15687
45°	8497
50°	4605
55°	3938
60°	3552
65°	3009
70°	2565
75°	2626
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	12.2
10°-20°	92.1	28.4
20°-30°	91.4	28.2
30°-40°	58.9	18.2
40°-50°	22.7	7.0
50°-60°	9.2	2.8
60°-70°	5.8	1.8
70°-80°	3.1	1.0
80°-90°	1.0	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°	223.2	68.9
0°-40°	282.2	87.1
0°-60°	314.1	97.0
0°-90°	323.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	323.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	440	
5°	428	40
15°	333	92
25°	200	91
35°	94	59
45°	27	23
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	440.1
2.5°	437.9
5°	428.4
7.5°	412.3
10°	390.7
12.5°	363.8
15°	333.2
17.5°	300.0
20°	266.3
22.5°	232.2
25°	199.8
27.5°	169.3
30°	141.0
32.5°	116.3
35°	93.9
37.5°	73.7
40°	54.8
42.5°	39.5
45°	27.4
47.5°	18.4
50°	13.5
52.5°	11.2
55°	10.3
57.5°	9.0
60°	8.1
62.5°	6.7
65°	5.8
67.5°	4.9
70°	4.0
72.5°	3.6
75°	3.1
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)