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: P1276318

Luminaire Tested: P3AS13R709835DE010 E3DL1GPH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1276318
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R709835DE010 E3DL1GPH
Description:	3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	374.0 lumens
Efficiency:	N/A
Efficacy:	25.8 lumens/watt
Spacing Criteria (0/90/45):	0.97 / 0.97 / 0.98
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	14.5
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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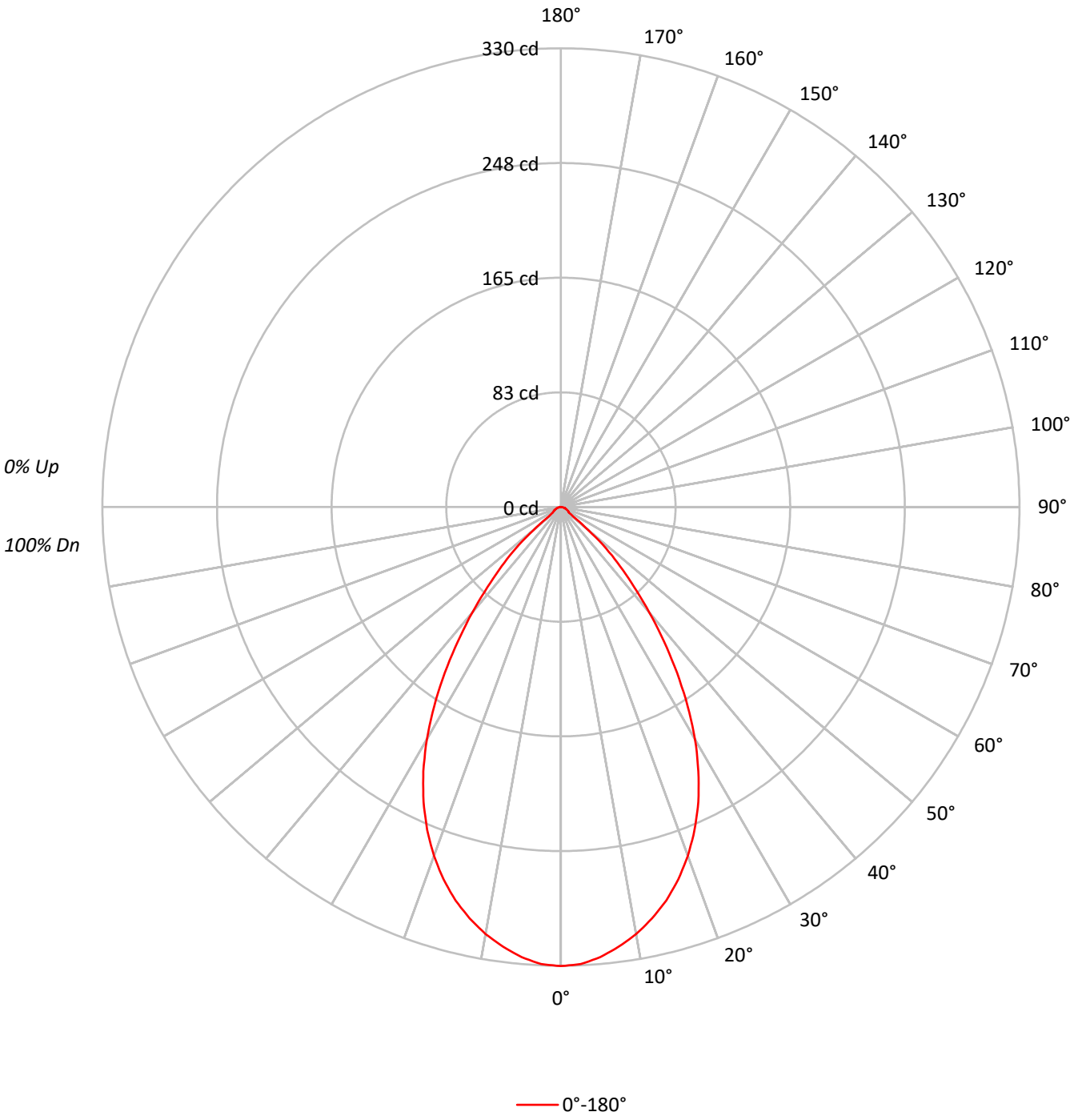
Luminous Intensity Polar Plot



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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	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72406
5°	71538
10°	69471
15°	66516
20°	62305
25°	56616
30°	48894
35°	38976
40°	28396
45°	18669
50°	8733
55°	2714
60°	2588
65°	2491
70°	2372
75°	2542
80°	2399
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 18669 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	8.2
10°-20°	82.0	21.9
20°-30°	106.6	28.5
30°-40°	90.4	24.2
40°-50°	46.6	12.5
50°-60°	9.0	2.4
60°-70°	4.9	1.3
70°-80°	3.0	0.8
80°-90°	0.9	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°	219.2	58.6
0°-40°	309.6	82.8
0°-60°	365.3	97.7
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	330	
5°	325	31
15°	293	82
25°	234	107
35°	146	90
45°	60	47
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	330.2
2.5°	329.1
5°	325.0
7.5°	319.0
10°	312.0
12.5°	303.1
15°	293.0
17.5°	280.8
20°	267.0
22.5°	251.4
25°	234.0
27.5°	214.3
30°	193.1
32.5°	169.7
35°	145.6
37.5°	121.8
40°	99.2
42.5°	78.0
45°	60.2
47.5°	44.2
50°	25.6
52.5°	11.1
55°	7.1
57.5°	6.7
60°	5.9
62.5°	5.6
65°	4.8
67.5°	4.5
70°	3.7
72.5°	3.3
75°	3.0
77.5°	2.2
80°	1.9
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)