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: P1259057

Luminaire Tested: P3AS02R659050DE010 E3DLP1H

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1259057
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R659050DE010 E3DLP1H
Description:	3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	184.0 lumens
Efficiency:	N/A
Efficacy:	51.1 lumens/watt
Spacing Criteria (0/90/45):	0.79 / 0.79 / 0.83
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	3.6
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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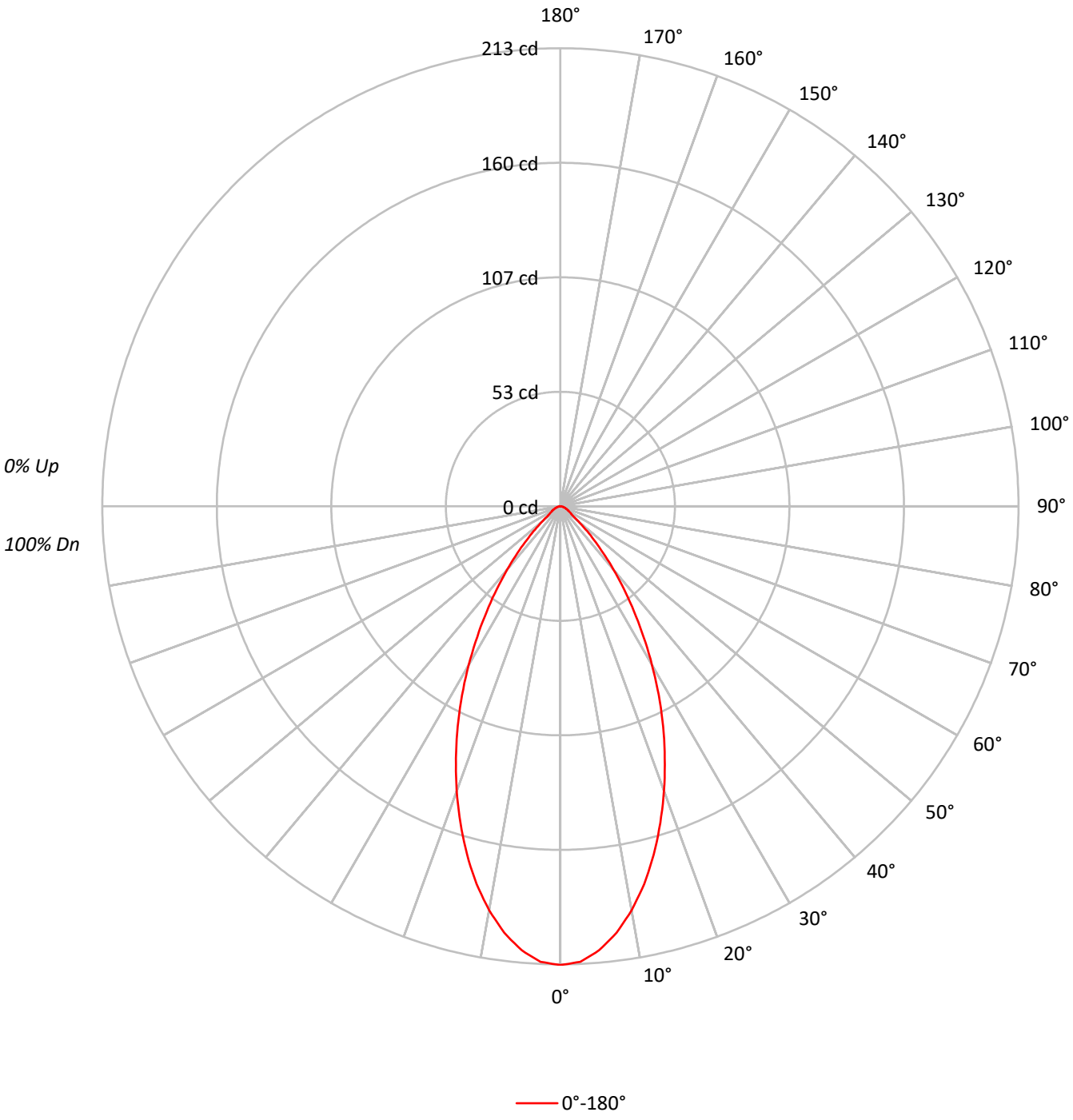
Luminous Intensity Polar Plot



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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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46773
5°	45609
10°	42462
15°	38071
20°	32880
25°	27340
30°	21573
35°	15981
40°	11021
45°	6822
50°	3718
55°	2332
60°	1974
65°	1764
70°	1539
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6822 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	10.5
10°-20°	46.6	25.3
20°-30°	51.5	28.0
30°-40°	37.4	20.3
40°-50°	17.5	9.5
50°-60°	5.9	3.2
60°-70°	3.4	1.8
70°-80°	1.8	1.0
80°-90°	0.6	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°	117.4	63.8
0°-40°	154.8	84.1
0°-60°	178.2	96.9
0°-90°	184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	213	
5°	207	19
15°	168	47
25°	113	52
35°	60	37
45°	22	18
55°	6	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	213.3
2.5°	212.0
5°	207.2
7.5°	200.0
10°	190.7
12.5°	179.9
15°	167.7
17.5°	154.4
20°	140.9
22.5°	126.8
25°	113.0
27.5°	99.0
30°	85.2
32.5°	71.9
35°	59.7
37.5°	48.5
40°	38.5
42.5°	29.4
45°	22.0
47.5°	15.9
50°	10.9
52.5°	7.4
55°	6.1
57.5°	5.3
60°	4.5
62.5°	4.0
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.1
75°	1.6
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)