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: P1275084

Luminaire Tested: P3AS02R359835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1275084
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R359835DE010 E3DL1MW
Description:	3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	196.0 lumens
Efficiency:	N/A
Efficacy:	54.5 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.58
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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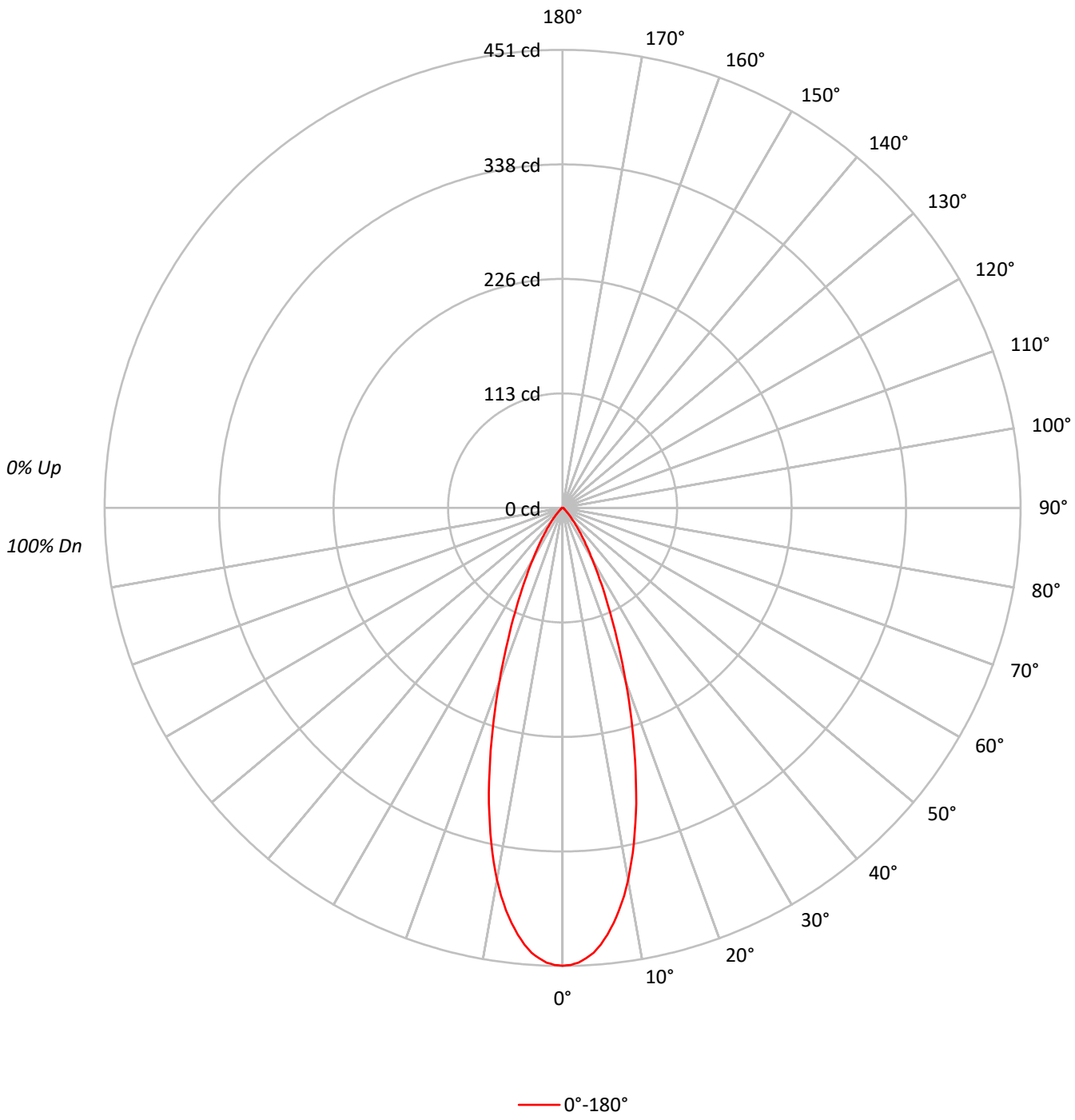
Luminous Intensity Polar Plot



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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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	98852
5°	95003
10°	82786
15°	63406
20°	42424
25°	25671
30°	14736
35°	8245
40°	4380
45°	2264
50°	1092
55°	841
60°	833
65°	675
70°	705
75°	593
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2264 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.3	20.0
10°-20°	76.1	38.8
20°-30°	49.8	25.4
30°-40°	20.2	10.3
40°-50°	6.1	3.1
50°-60°	2.1	1.1
60°-70°	1.4	0.7
70°-80°	0.8	0.4
80°-90°	0.3	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°	165.2	84.3
0°-40°	185.4	94.6
0°-60°	193.5	98.7
0°-90°	196.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	196.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	451	
5°	432	39
15°	279	76
25°	106	50
35°	31	20
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	450.8
1°	450.1
2°	448.0
3°	443.9
4°	439.1
5°	431.6
6°	422.3
7°	411.8
8°	400.1
9°	386.7
10°	371.8
11°	355.2
12°	337.8
13°	318.4
14°	300.0
15°	279.3
17.5°	229.1
20°	181.8
22.5°	139.8
25°	106.1
27.5°	79.1
30°	58.2
32.5°	42.7
35°	30.8
37.5°	21.8
40°	15.3
42.5°	10.6
45°	7.3
47.5°	4.8
50°	3.2
52.5°	2.4
55°	2.2
57.5°	2.1
60°	1.9
62.5°	1.7
65°	1.3
67.5°	1.1
70°	1.1
72.5°	0.9
75°	0.7
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)