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: P1270206

Luminaire Tested: P3AS17R359740DE010 E3DLP1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1270206
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R359740DE010 E3DLP1MW
Description:	3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	809.0 lumens
Efficiency:	N/A
Efficacy:	38.2 lumens/watt
Spacing Criteria (0/90/45):	0.69 / 0.69 / 0.72
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	21.2
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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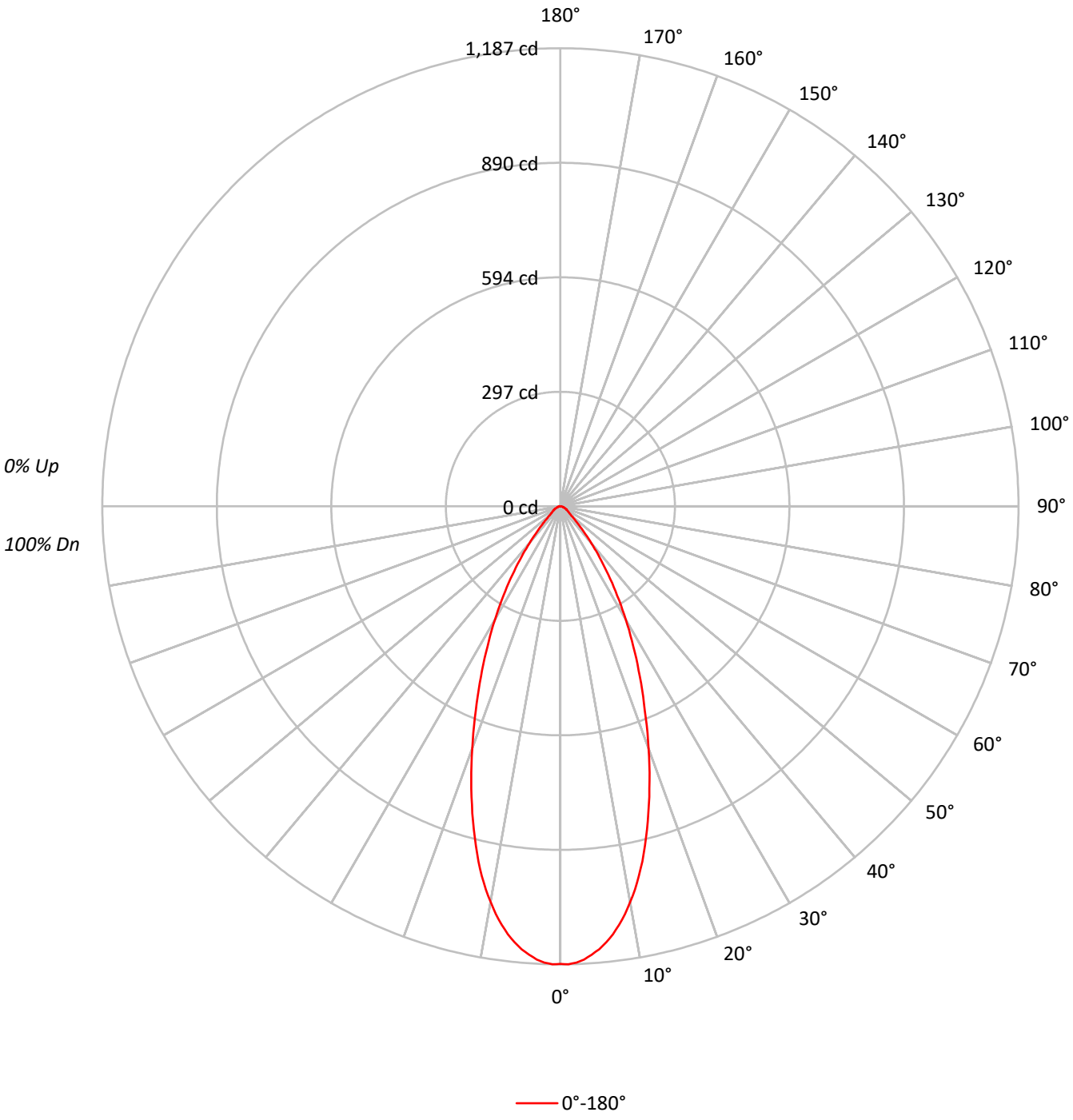
Luminous Intensity Polar Plot



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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	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	260045
5°	253620
10°	231882
15°	196823
20°	155810
25°	117829
30°	85785
35°	58009
40°	35667
45°	20467
50°	12315
55°	10016
60°	8727
65°	7731
70°	6411
75°	6354
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 20467 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.5	13.2
10°-20°	239.0	29.5
20°-30°	223.6	27.6
30°-40°	136.8	16.9
40°-50°	53.9	6.7
50°-60°	23.8	2.9
60°-70°	14.8	1.8
70°-80°	7.9	1.0
80°-90°	2.7	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°	569.1	70.3
0°-40°	705.9	87.3
0°-60°	783.6	96.9
0°-90°	809.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	809.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1186	
5°	1152	106
15°	867	239
25°	487	224
35°	217	137
45°	66	54
55°	26	24
65°	15	15
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1185.9
1°	1187.1
2°	1183.4
3°	1175.9
4°	1164.7
5°	1152.2
6°	1136.0
7°	1117.3
8°	1094.9
9°	1070.0
10°	1041.4
11°	1011.5
12°	979.1
13°	944.2
14°	905.6
15°	867.0
17.5°	767.3
20°	667.7
22.5°	571.8
25°	487.0
27.5°	408.6
30°	338.8
32.5°	274.0
35°	216.7
37.5°	165.7
40°	124.6
42.5°	89.7
45°	66.0
47.5°	47.3
50°	36.1
52.5°	29.9
55°	26.2
57.5°	22.4
60°	19.9
62.5°	17.4
65°	14.9
67.5°	12.5
70°	10.0
72.5°	8.7
75°	7.5
77.5°	6.2
80°	5.0
82.5°	3.7
85°	2.5
87.5°	1.2

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)