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: P1260135

Luminaire Tested: P3AS13R609050DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1260135
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS13R609050DE010 E3CD1MB
Description:	3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1373.0 lumens
Efficiency:	N/A
Efficacy:	94.0 lumens/watt
Spacing Criteria (0/90/45):	0.94 / 0.94 / 0.91
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	14.6
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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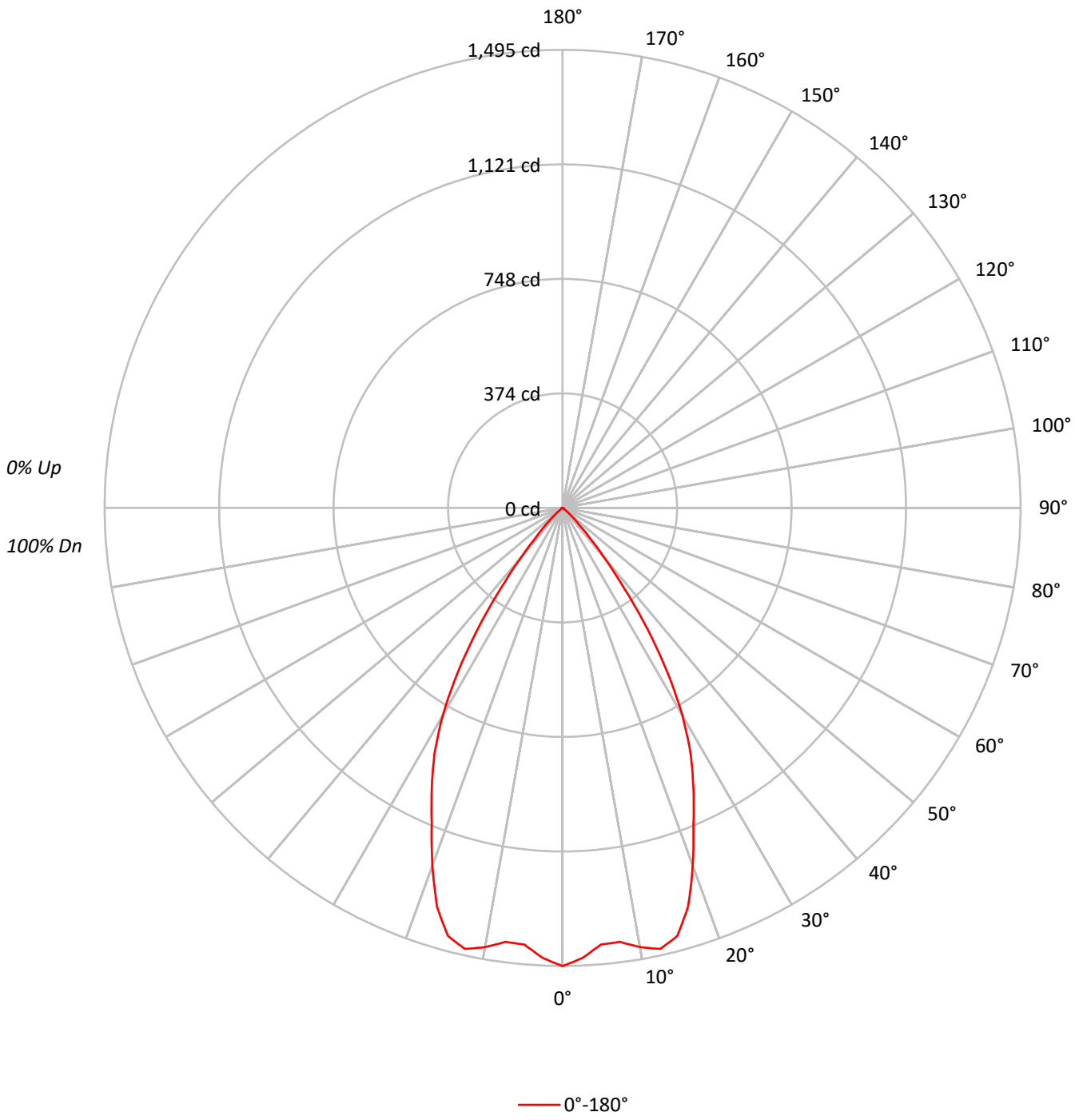
Luminous Intensity Polar Plot



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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	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	327868
5°	314857
10°	324176
15°	328333
20°	289919
25°	244345
30°	198157
35°	129054
40°	59282
45°	22731
50°	7607
55°	2026
60°	1842
65°	1660
70°	1346
75°	1779
80°	1389
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 22731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.7	10.0
10°-20°	396.1	28.8
20°-30°	462.0	33.6
30°-40°	298.1	21.7
40°-50°	66.8	4.9
50°-60°	6.6	0.5
60°-70°	3.2	0.2
70°-80°	1.8	0.1
80°-90°	0.7	0.1
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°	995.7	72.5
0°-40°	1293.8	94.2
0°-60°	1367.3	99.6
0°-90°	1373.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1373.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1495	
5°	1430	138
15°	1446	396
25°	1010	462
35°	482	298
45°	73	67
55°	5	7
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	*1495.2*
2.5°	*1470.8*
5°	*1430.4*
7.5°	*1428.3*
10°	*1455.9*
12.5°	*1473.9*
15°	*1446.3*
17.5°	*1363.5*
20°	*1242.4*
22.5°	*1116.1*
25°	*1009.9*
27.5°	*905.8*
30°	*782.6*
32.5°	*638.2*
35°	*482.1*
37.5°	*329.2*
40°	*207.1*
42.5°	*124.2*
45°	*73.3*
47.5°	*42.5*
50°	*22.3*
52.5°	*7.4*
55°	*5.3*
57.5°	*4.2*
60°	*4.2*
62.5°	*3.2*
65°	*3.2*
67.5°	*3.2*
70°	*2.1*
72.5°	*2.1*
75°	*2.1*
77.5°	*1.1*
80°	*1.1*
82.5°	*1.1*
85°	*1.1*
87.5°	*0.0*
90°	*0.0*

(END OF REPORT)