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: P1287599

Luminaire Tested: P3AS17R509030D2WDE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1287599
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R509030D2WDE010 E3DLP1GPH
Description:	3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	521.0 lumens
Efficiency:	N/A
Efficacy:	19.1 lumens/watt
Spacing Criteria (0/90/45):	0.75 / 0.75 / 0.77
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	27.3
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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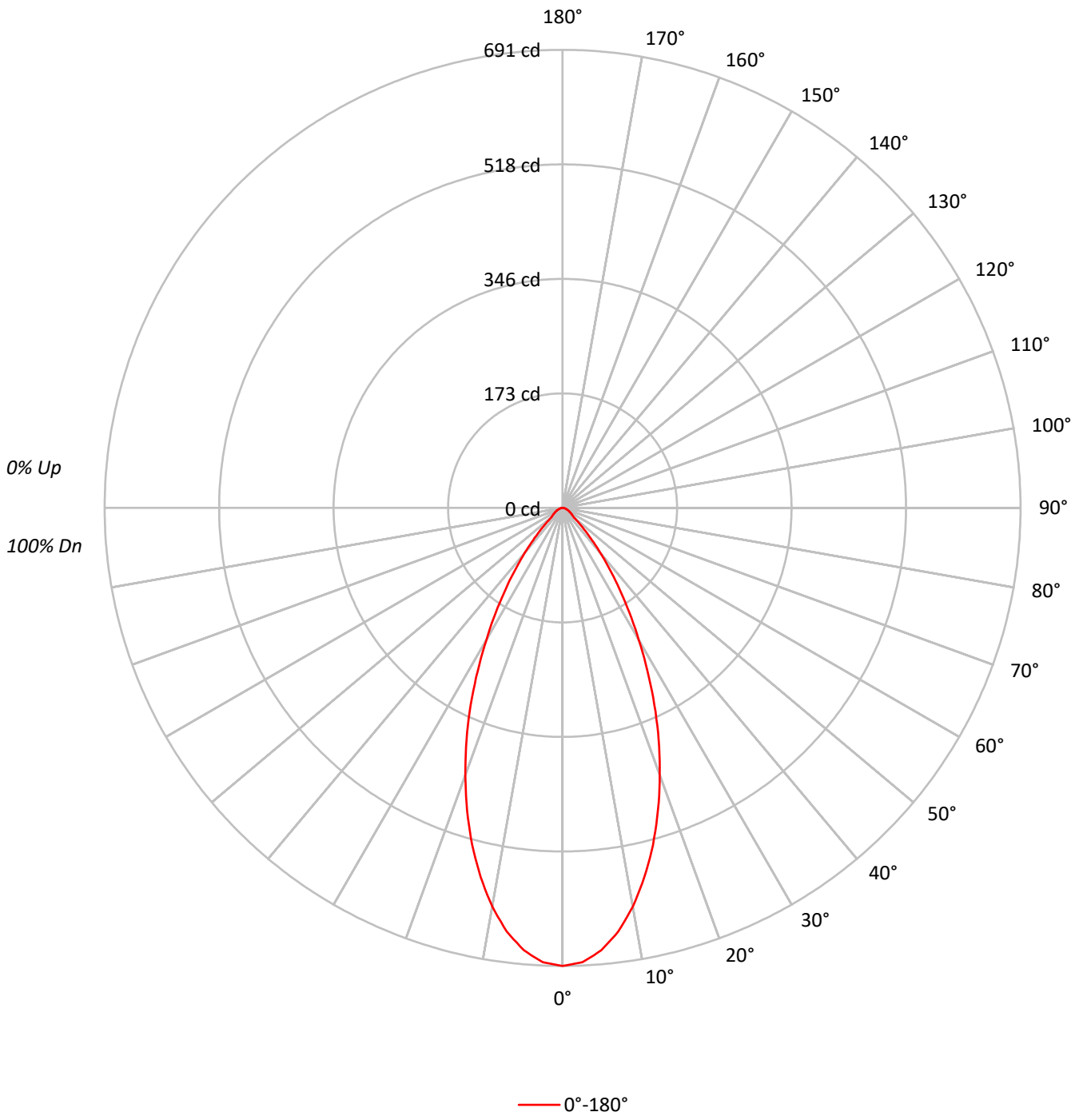
Luminous Intensity Polar Plot



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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	111	108	106	103	104	102	100	100	99	97	97	95	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151523
5°	147457
10°	135981
15°	119569
20°	100039
25°	79335
30°	58211
35°	40020
40°	25419
45°	14203
50°	7710
55°	6461
60°	5570
65°	5137
70°	4552
75°	4151
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.1	11.9
10°-20°	145.9	28.0
20°-30°	149.2	28.6
30°-40°	94.6	18.2
40°-50°	37.6	7.2
50°-60°	15.3	2.9
60°-70°	9.8	1.9
70°-80°	5.0	1.0
80°-90°	1.5	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°	357.2	68.6
0°-40°	451.8	86.7
0°-60°	504.7	96.9
0°-90°	521.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	521.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	691	
5°	670	62
15°	527	146
25°	328	149
35°	150	95
45°	46	38
55°	17	15
65°	10	10
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	691.0
2.5°	686.1
5°	669.9
7.5°	644.5
10°	610.7
12.5°	570.5
15°	526.7
17.5°	478.8
20°	428.7
22.5°	378.7
25°	327.9
27.5°	277.1
30°	229.9
32.5°	187.6
35°	149.5
37.5°	117.1
40°	88.8
42.5°	65.6
45°	45.8
47.5°	31.0
50°	22.6
52.5°	19.0
55°	16.9
57.5°	14.8
60°	12.7
62.5°	11.3
65°	9.9
67.5°	8.5
70°	7.1
72.5°	5.6
75°	4.9
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)