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: P1287853

Luminaire Tested: P3A05R15W2N902750DE010 E3DLP1WH_3000K

Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1287853
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A05R15W2N902750DE010 E3DLP1WH_3000K
Description:	3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	410.0 lumens
Efficiency:	N/A
Efficacy:	69.5 lumens/watt
Spacing Criteria (0/90/45):	0.4 / 0.4 / 0.43
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	5.9
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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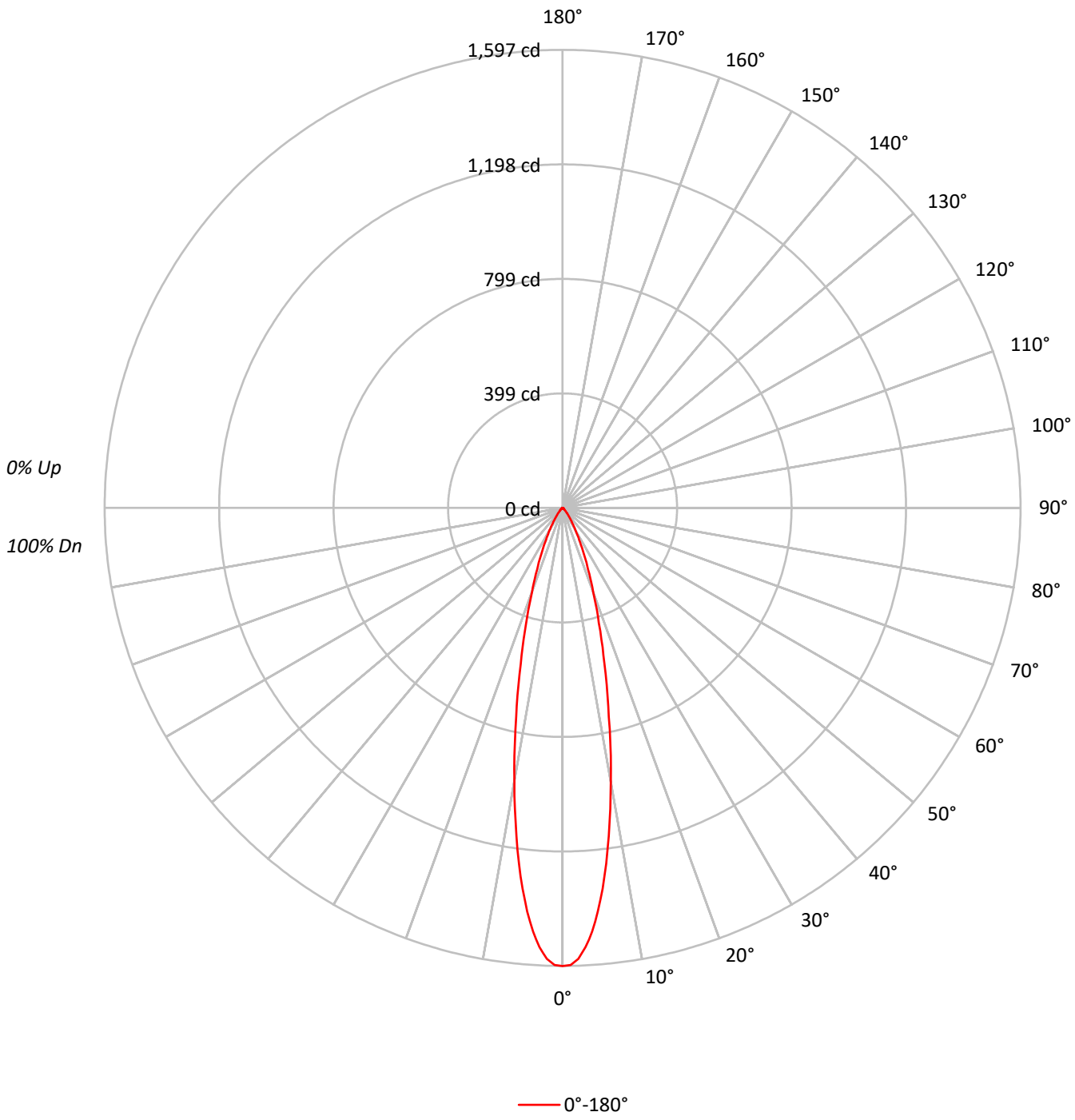
Luminous Intensity Polar Plot



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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	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	350257
5°	310895
10°	215917
15°	127674
20°	72713
25°	41567
30°	22991
35°	12260
40°	6784
45°	3659
50°	2286
55°	1797
60°	1579
65°	1453
70°	1282
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3659 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.1	29.3
10°-20°	158.5	38.7
20°-30°	81.6	19.9
30°-40°	30.6	7.5
40°-50°	10.0	2.4
50°-60°	4.3	1.0
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.4	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°	360.2	87.9
0°-40°	390.9	95.3
0°-60°	405.2	98.8
0°-90°	410.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	410.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1597	
5°	1412	120
15°	562	159
25°	172	82
35°	46	31
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1597.3
1°	1594.1
2°	1573.2
3°	1533.3
4°	1480.7
5°	1412.4
6°	1335.0
7°	1250.1
8°	1155.7
9°	1062.5
10°	969.7
12.5°	746.1
15°	562.4
17.5°	421.0
20°	311.6
22.5°	232.6
25°	171.8
27.5°	125.2
30°	90.8
32.5°	64.4
35°	45.8
37.5°	32.8
40°	23.7
42.5°	17.0
45°	11.8
47.5°	8.7
50°	6.7
52.5°	5.5
55°	4.7
57.5°	3.9
60°	3.6
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.0
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)