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: P1302111

Luminaire Tested: P3AS17R60W2N902750DE010 E3DLP1LI_3500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1302111
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R60W2N902750DE010 E3DLP1LI_3500K
Description:	3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	881.0 lumens
Efficiency:	N/A
Efficacy:	45.4 lumens/watt
Spacing Criteria (0/90/45):	0.79 / 0.79 / 0.83
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	19.4
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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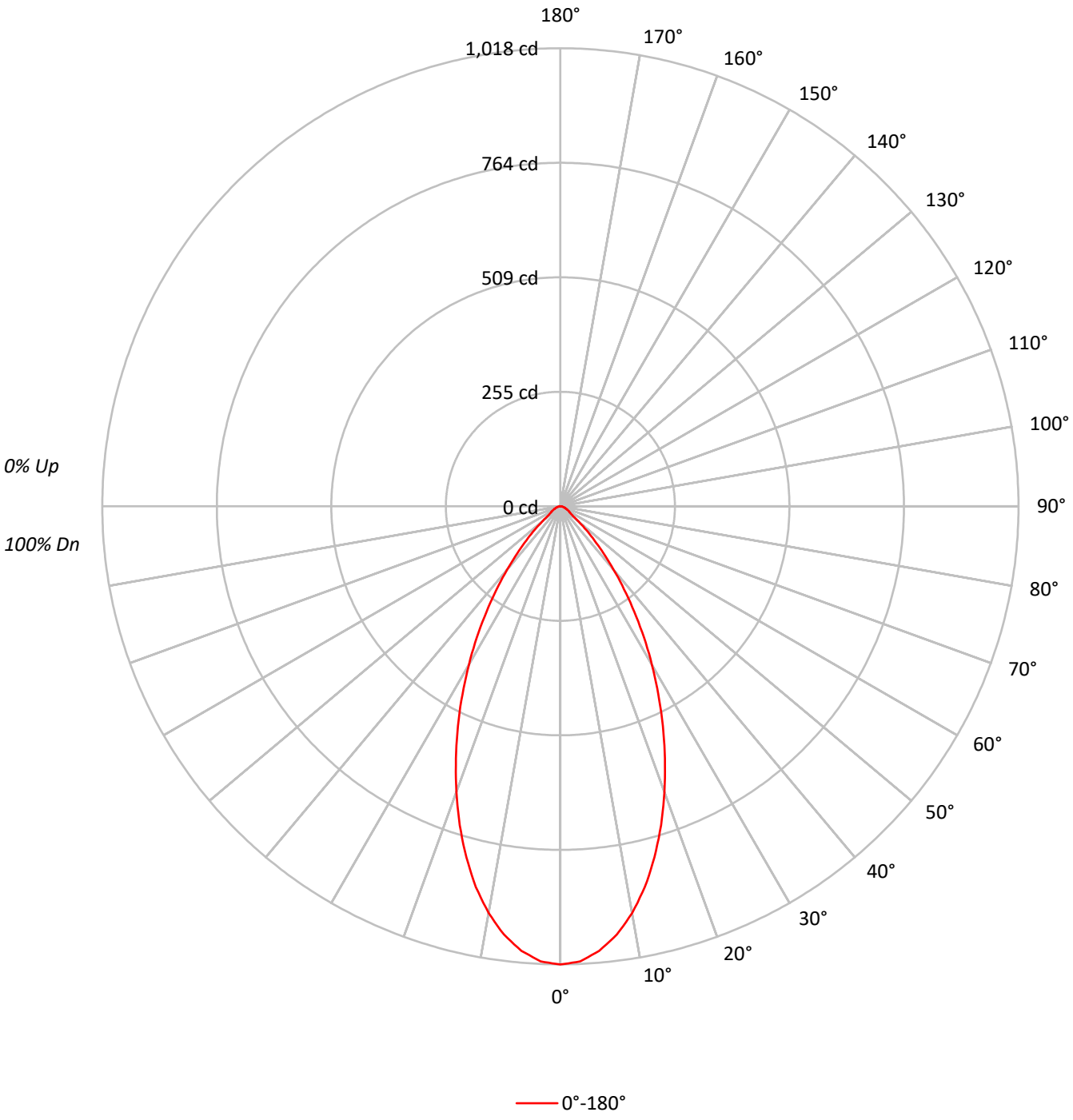
Luminous Intensity Polar Plot



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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	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223272
5°	218269
10°	204338
15°	183315
20°	157654
25°	130362
30°	103003
35°	76480
40°	52670
45°	33027
50°	18183
55°	10628
60°	9561
65°	8146
70°	6988
75°	7202
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 33027 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	10.5
10°-20°	224.3	25.5
20°-30°	246.0	27.9
30°-40°	179.2	20.3
40°-50°	84.7	9.6
50°-60°	27.7	3.1
60°-70°	15.7	1.8
70°-80°	8.5	1.0
80°-90°	2.6	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°	562.6	63.9
0°-40°	741.8	84.2
0°-60°	854.2	97.0
0°-90°	881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1018	
5°	992	92
15°	808	224
25°	539	246
35°	286	179
45°	106	85
55°	28	28
65°	16	16
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1018.2
2.5°	1012.2
5°	991.6
7.5°	960.1
10°	917.7
12.5°	866.9
15°	807.5
17.5°	743.4
20°	675.6
22.5°	606.6
25°	538.8
27.5°	471.0
30°	406.8
32.5°	345.1
35°	285.7
37.5°	232.5
40°	184.0
42.5°	141.7
45°	106.5
47.5°	77.5
50°	53.3
52.5°	35.1
55°	27.8
57.5°	24.2
60°	21.8
62.5°	18.2
65°	15.7
67.5°	13.3
70°	10.9
72.5°	9.7
75°	8.5
77.5°	6.1
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)