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: P1292111

Luminaire Tested: P3AS09R20W2N902765DE010 E3DLD1MW_4000K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1292111
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R20W2N902765DE010 E3DLD1MW_4000K
Description:	3in Adjustable Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	466.0 lumens
Efficiency:	N/A
Efficacy:	51.8 lumens/watt
Spacing Criteria (0/90/45):	0.76 / 0.76 / 0.83
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	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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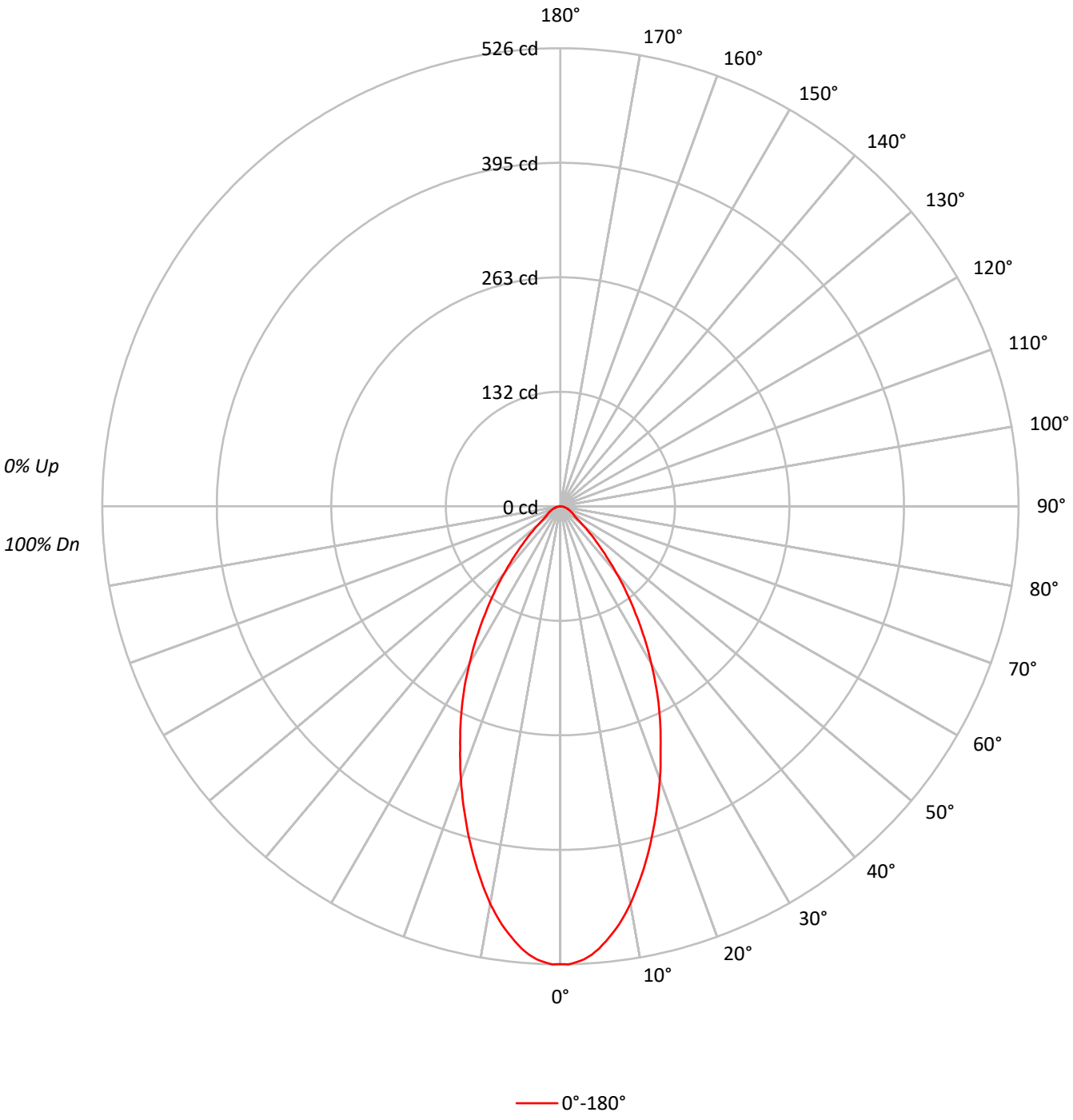
Luminous Intensity Polar Plot



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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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115276
5°	112194
10°	103205
15°	90852
20°	77917
25°	65447
30°	52920
35°	40261
40°	28625
45°	18917
50°	11701
55°	7684
60°	7017
65°	6434
70°	6091
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 18917 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	10.1
10°-20°	111.4	23.9
20°-30°	123.6	26.5
30°-40°	94.3	20.2
40°-50°	48.3	10.4
50°-60°	19.9	4.3
60°-70°	12.4	2.7
70°-80°	6.9	1.5
80°-90°	2.0	0.4
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°	282.2	60.6
0°-40°	376.5	80.8
0°-60°	444.7	95.4
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	526	
5°	510	47
15°	400	111
25°	270	124
35°	150	94
45°	61	48
55°	20	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	525.7
1°	526.2
2°	523.9
3°	520.9
4°	516.2
5°	509.7
6°	502.0
7°	493.7
8°	484.8
9°	474.2
10°	463.5
12.5°	432.7
15°	400.2
17.5°	367.0
20°	333.9
22.5°	300.7
25°	270.5
27.5°	240.3
30°	209.0
32.5°	179.4
35°	150.4
37.5°	124.9
40°	100.0
42.5°	78.7
45°	61.0
47.5°	46.2
50°	34.3
52.5°	25.5
55°	20.1
57.5°	18.4
60°	16.0
62.5°	14.2
65°	12.4
67.5°	10.7
70°	9.5
72.5°	7.7
75°	6.5
77.5°	5.3
80°	4.1
82.5°	3.0
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)