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: P1293006

Luminaire Tested: P3A09R35W2N902765DE010 E3CB1MW_2700K

Issue Date: 1/30/2026

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Test Information

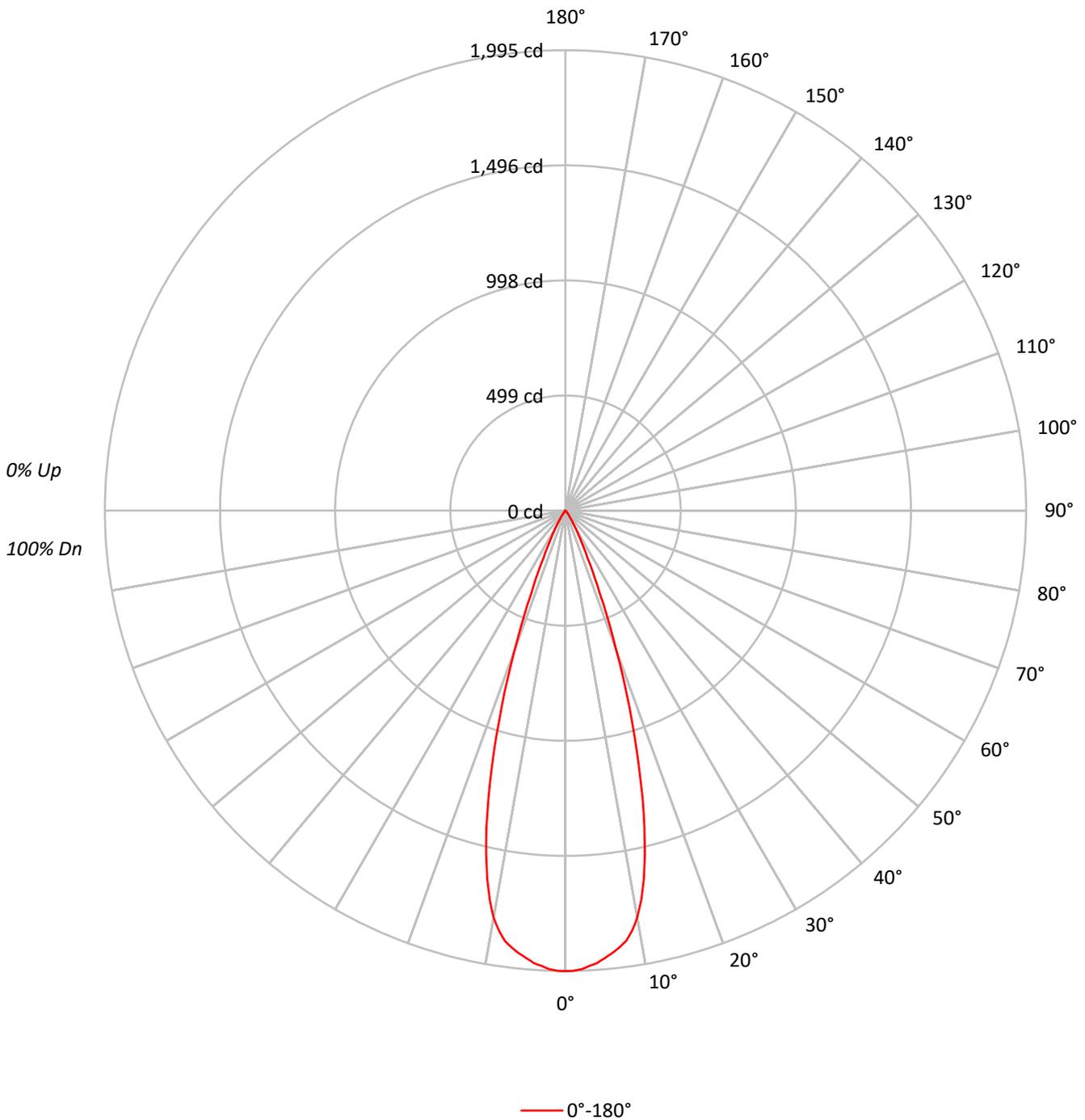|	
Test Method:	LM-79-2019
Report Number:	P1293006
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A09R35W2N902765DE010 E3CB1MW_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3CB1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	671.0 lumens
Efficiency:	N/A
Efficacy:	74.6 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.52
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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COOPER
Lighting Solutions

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Luminous Intensity Polar Plot

0% Up

100% Dn

1,995 cd
1,496 cd
998 cd
499 cd
0 cd

180°
170°
160°
150°
140°
130°
120°
110°
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°

—— 0°-180°

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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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	437531
5°	428614
10°	398746
15°	292351
20°	149696
25°	53955
30°	21016
35°	7362
40°	3034
45°	806
50°	716
55°	803
60°	702
65°	571
70°	705
75°	932
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 932 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.5	27.1
10°-20°	340.6	50.8
20°-30°	120.6	18.0
30°-40°	21.1	3.1
40°-50°	3.1	0.5
50°-60°	1.7	0.3
60°-70°	1.3	0.2
70°-80°	0.9	0.1
80°-90°	0.2	0.0
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°	642.7	95.8
0°-40°	663.8	98.9
0°-60°	668.6	99.6
0°-90°	671.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1995	
5°	1947	182
15°	1288	341
25°	223	121
35°	28	21
45°	3	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1995.3
1°	1994.8
2°	1988.5
3°	1976.3
4°	1965.2
5°	1947.2
6°	1928.7
7°	1908.1
8°	1882.8
9°	1843.1
10°	1790.8
11°	1718.4
12°	1631.2
13°	1527.7
14°	1413.5
15°	1287.8
17.5°	959.1
20°	641.5
22.5°	386.8
25°	223.0
27.5°	133.2
30°	83.0
32.5°	48.1
35°	27.5
37.5°	17.4
40°	10.6
42.5°	5.3
45°	2.6
47.5°	2.1
50°	2.1
52.5°	2.1
55°	2.1
57.5°	1.6
60°	1.6
62.5°	1.6
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)