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: P1300692

Luminaire Tested: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

COOPER
Lighting Solutions

Test Information

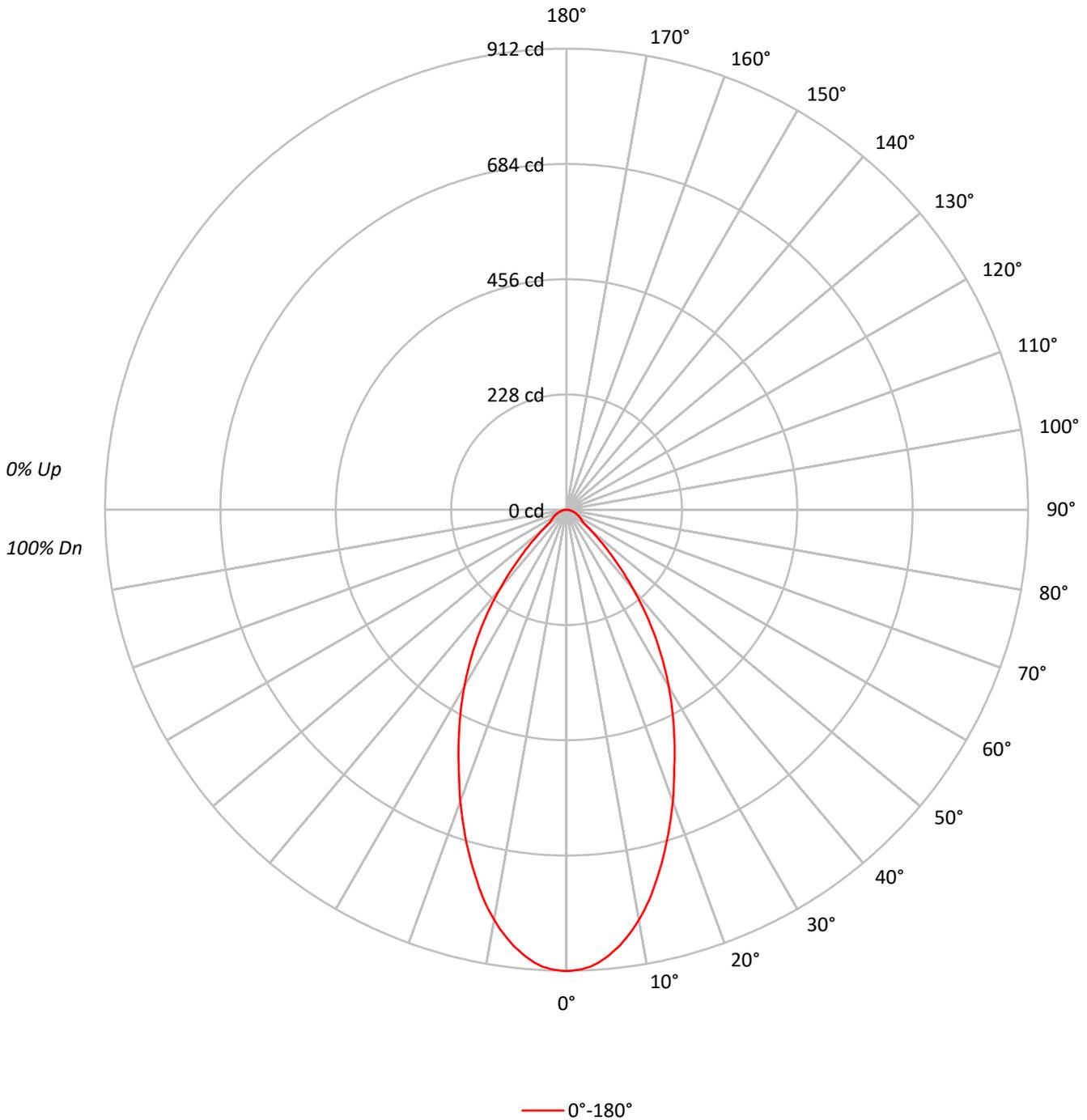|	
Test Method:	LM-79-2019
Report Number:	P1300692
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A17R35W2N902765DE010 E3DLD1WMH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	876.0 lumens
Efficiency:	N/A
Efficacy:	45.2 lumens/watt
Spacing Criteria (0/90/45):	0.8 / 0.8 / 0.87
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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

COOPER
Lighting Solutions

TEST NUMBER: P1300692
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

Luminous Intensity Polar Plot

0% Up

100% Dn

0°-180°

TEST NUMBER: P1300692
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200094
5°	195861
10°	183430
15°	164655
20°	143232
25°	122039
30°	102244
35°	81432
40°	58882
45°	37275
50°	20298
55°	14069
60°	13288
65°	12349
70°	11797
75°	10082
80°	9597
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 37275 cd/sqm

COOPER
Lighting Solutions

TEST NUMBER: P1300692
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

ZONAL LUMENS:				CANDELA DISTRIBUTION:		
Zone	Lumens	% Fixture			0°	Flux
0°-10°	82.8	9.5		0°	912	
10°-20°	201.8	23.0		5°	890	83
20°-30°	231.3	26.4		15°	725	202
30°-40°	188.8	21.5		25°	504	231
40°-50°	95.2	10.9		35°	304	189
50°-60°	35.4	4.0		45°	120	95
60°-70°	23.7	2.7		55°	37	35
70°-80°	13.1	1.5		65°	24	24
80°-90°	4.0	0.5		75°	12	13
90°-100°	0.0	0.0		85°	3	4
100°-110°	0.0	0.0		90°	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°	515.9	58.9				
0°-40°	704.7	80.4				
0°-60°	835.2	95.3				
0°-90°	876.0	100.0				
90°-120°	0.0	0.0				
90°-150°	0.0	0.0				
90°-180°	0.0	0.0				
0°-180°	876.0	100.0				

TEST NUMBER: P1300692
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	912.5
1°	911.5
2°	909.3
3°	905.0
4°	898.5
5°	889.8
6°	879.0
7°	868.2
8°	854.1
9°	840.0
10°	823.8
11°	806.5
12°	788.1
13°	767.5
14°	745.8
15°	725.3
17.5°	670.1
20°	613.8
22.5°	556.4
25°	504.4
27.5°	453.6
30°	403.8
32.5°	354.0
35°	304.2
37.5°	254.4
40°	205.7
42.5°	160.2
45°	120.2
47.5°	86.6
50°	59.5
52.5°	43.3
55°	36.8
57.5°	33.6
60°	30.3
62.5°	27.1
65°	23.8
67.5°	20.6
70°	18.4
72.5°	15.2
75°	11.9
77.5°	9.7
80°	7.6
82.5°	5.4
85°	3.2
87.5°	2.2

TEST NUMBER: P1300692
CATALOG NUMBER: P3A17R35W2N902765DE010 E3DLD1WMH_2700K

CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)