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: P1296831

Luminaire Tested: P3A13R35W2N902765DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

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Test Information

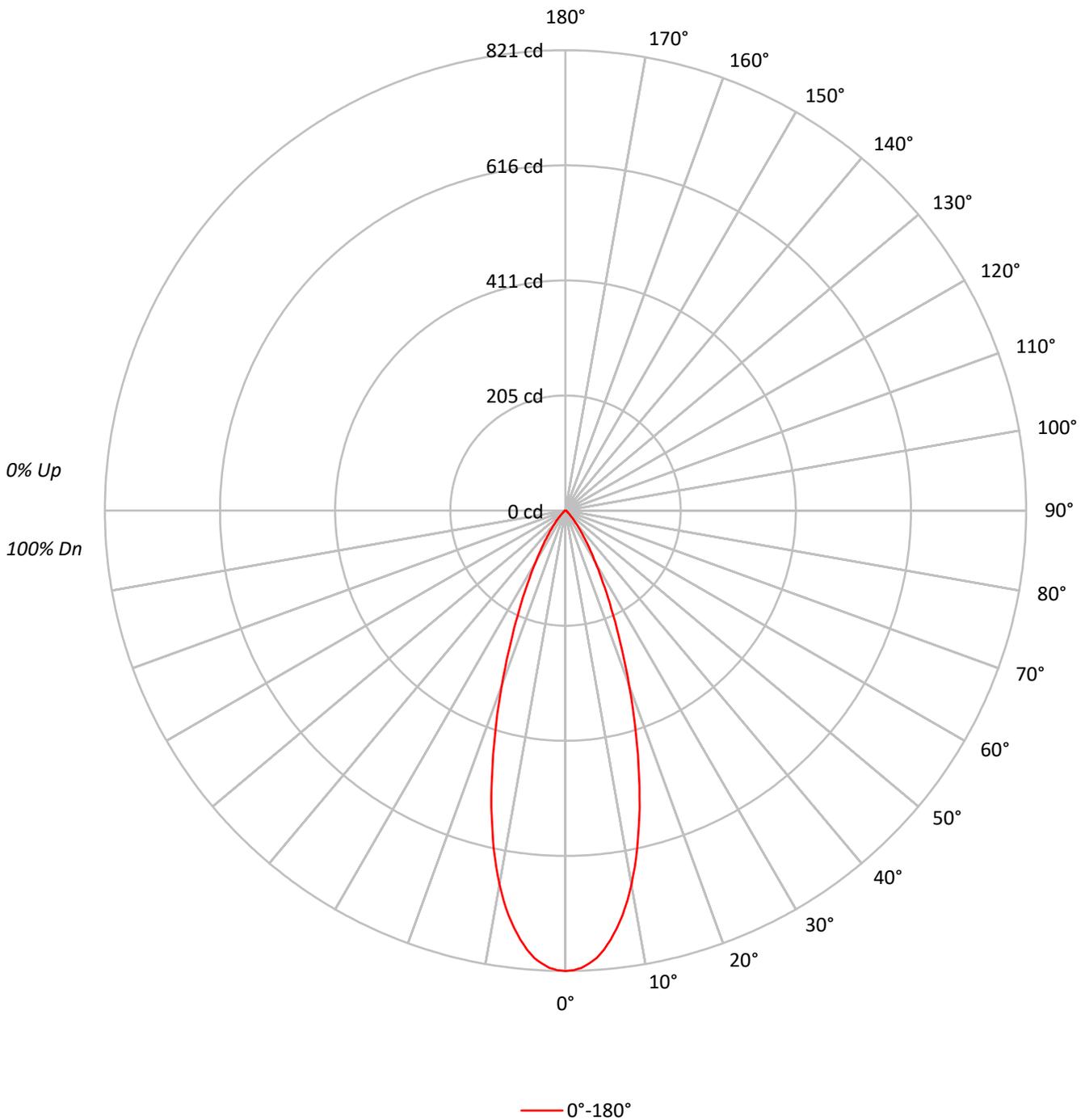|	
Test Method:	LM-79-2019
Report Number:	P1296831
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A13R35W2N902765DE010 E3DL1GPH_2700K
Description:	3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	357.0 lumens
Efficiency:	N/A
Efficacy:	29.0 lumens/watt
Spacing Criteria (0/90/45):	0.58 / 0.58 / 0.58
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct
Input Watts (W):	12.3
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

0% Up

100% Dn

821 cd
616 cd
411 cd
205 cd
0 cd

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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180051
5°	173035
10°	150765
15°	115483
20°	77263
25°	46745
30°	26840
35°	14991
40°	7958
45°	4093
50°	1979
55°	1567
60°	1491
65°	1245
70°	1282
75°	1186
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.5	20.0
10°-20°	138.6	38.8
20°-30°	90.8	25.4
30°-40°	36.8	10.3
40°-50°	11.0	3.1
50°-60°	3.8	1.1
60°-70°	2.5	0.7
70°-80°	1.5	0.4
80°-90°	0.5	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°	300.9	84.3
0°-40°	337.7	94.6
0°-60°	352.5	98.7
0°-90°	357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	357.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	821	
5°	786	72
15°	509	139
25°	193	91
35°	56	37
45°	13	11
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	821.1
1°	819.8
2°	816.0
3°	808.6
4°	799.7
5°	786.1
6°	769.2
7°	750.1
8°	728.8
9°	704.3
10°	677.1
11°	646.9
12°	615.3
13°	580.0
14°	546.4
15°	508.7
17.5°	417.4
20°	331.1
22.5°	254.7
25°	193.2
27.5°	144.0
30°	106.0
32.5°	77.8
35°	56.0
37.5°	39.7
40°	27.8
42.5°	19.4
45°	13.2
47.5°	8.8
50°	5.8
52.5°	4.4
55°	4.1
57.5°	3.7
60°	3.4
62.5°	3.1
65°	2.4
67.5°	2.0
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.0
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)