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: P1255279

Luminaire Tested: P3AS17R709035DE010 E3DLP1GPH

Issue Date: 1/30/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1255279
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS17R709035DE010 E3DLP1GPH
Description:	3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	467.0 lumens
Efficiency:	N/A
Efficacy:	22.0 lumens/watt
Spacing Criteria (0/90/45):	0.82 / 0.82 / 0.87
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

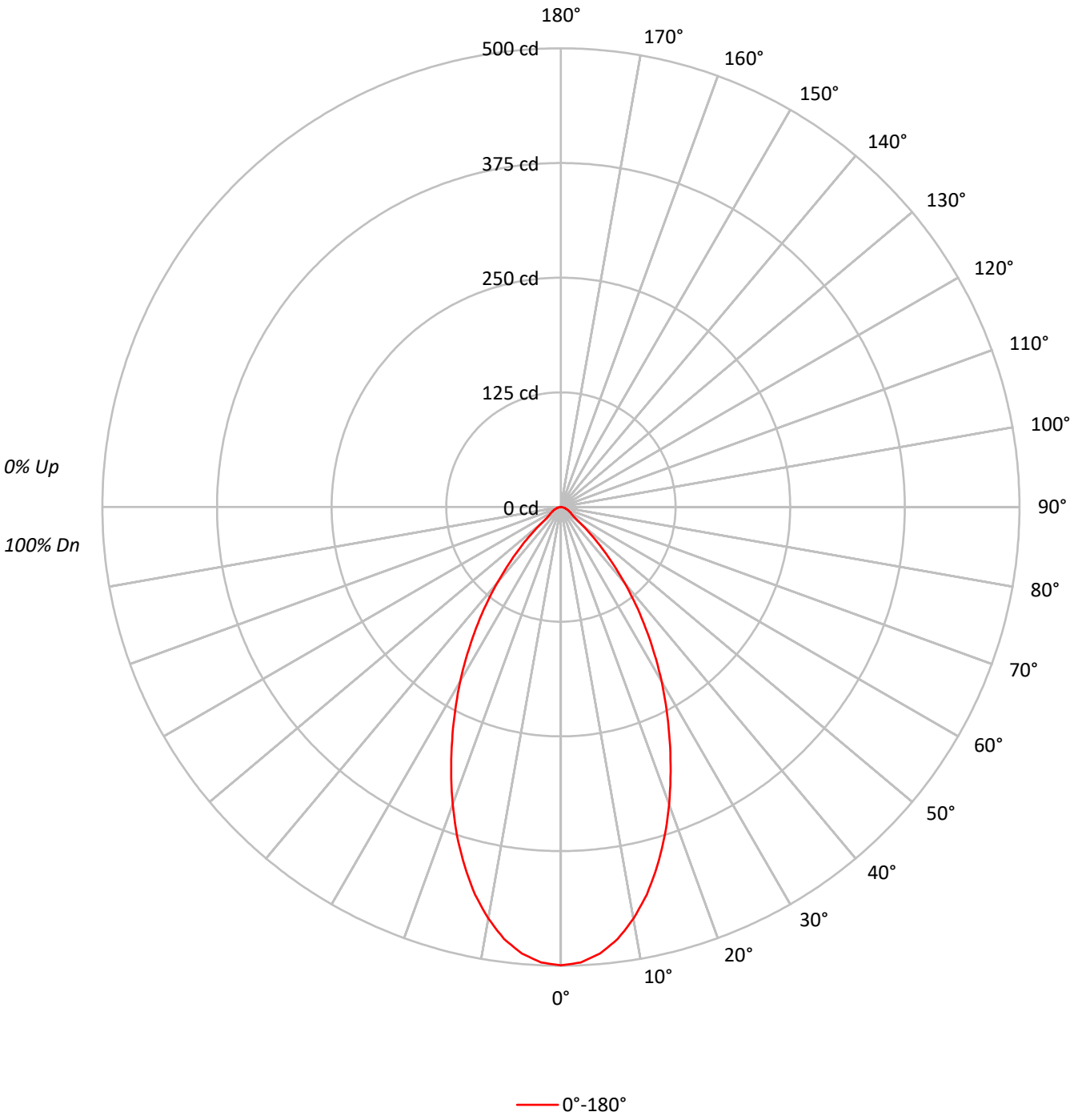
Input Watts (W):	21.2
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1255279
CATALOG NUMBER: P3AS17R709035DE010 E3DLP1GPH

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1255279
CATALOG NUMBER: P3AS17R709035DE010 E3DLP1GPH

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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109531
5°	107528
10°	101401
15°	92032
20°	80484
25°	67891
30°	55603
35°	43125
40°	30858
45°	19537
50°	9757
55°	5964
60°	5131
65°	4722
70°	4167
75°	3813
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19537 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1255279
CATALOG NUMBER: P3AS17R709035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	9.8
10°-20°	112.8	24.2
20°-30°	128.4	27.5
30°-40°	100.4	21.5
40°-50°	49.3	10.6
50°-60°	15.2	3.2
60°-70°	9.0	1.9
70°-80°	4.8	1.0
80°-90°	1.4	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°	286.8	61.4
0°-40°	387.3	82.9
0°-60°	451.8	96.8
0°-90°	467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	467.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	500	
5°	488	46
15°	405	113
25°	281	128
35°	161	100
45°	63	49
55°	16	15
65°	9	9
75°	4	5
85°	1	1
90°	0	

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

Scaled Data Report

TEST NUMBER: P1255279
CATALOG NUMBER: P3AS17R709035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	499.5
2.5°	496.9
5°	488.5
7.5°	474.9
10°	455.4
12.5°	432.6
15°	405.4
17.5°	376.1
20°	344.9
22.5°	312.5
25°	280.6
27.5°	249.4
30°	219.6
32.5°	189.7
35°	161.1
37.5°	133.8
40°	107.8
42.5°	83.8
45°	63.0
47.5°	44.2
50°	28.6
52.5°	18.8
55°	15.6
57.5°	13.6
60°	11.7
62.5°	10.4
65°	9.1
67.5°	7.8
70°	6.5
72.5°	5.2
75°	4.5
77.5°	3.9
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)