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: P1261485

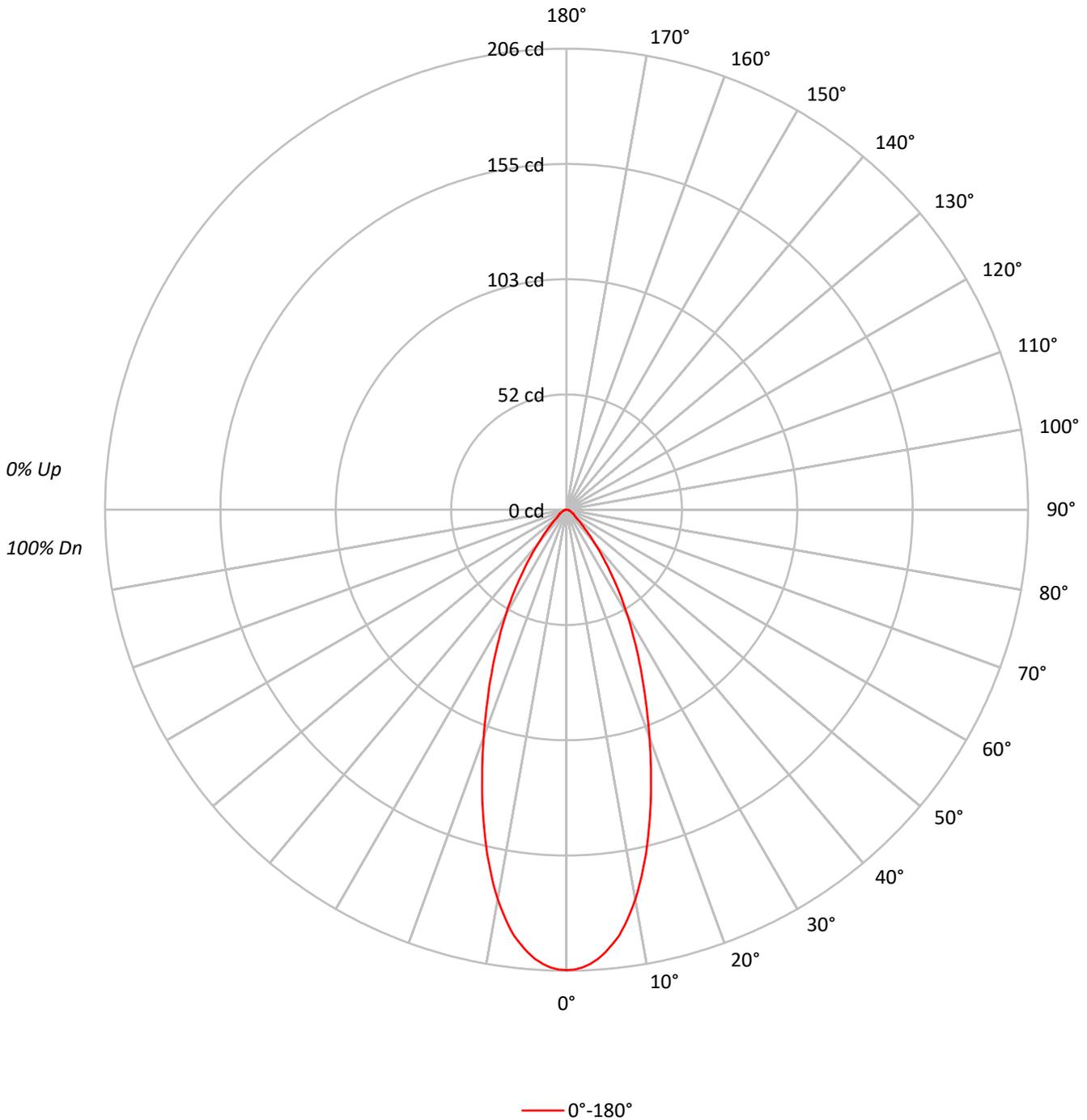Luminaire Tested: P3AS02R309727DE010 E3DL1WH

Issue Date: 1/30/2026

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1261485
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R309727DE010 E3DL1WH
Description:	3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	132.0 lumens
Efficiency:	N/A
Efficacy:	36.7 lumens/watt
Spacing Criteria (0/90/45):	0.66 / 0.66 / 0.7
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	3.6
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

TEST NUMBER: P1261485
CATALOG NUMBER: P3AS02R309727DE010 E3DL1WH

Luminous Intensity Polar Plot

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	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45106
5°	43693
10°	39367
15°	32577
20°	25226
25°	18920
30°	13724
35°	9155
40°	5611
45°	3287
50°	2013
55°	1644
60°	1447
65°	1193
70°	1026
75°	1017
80°	758
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3287 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.3	13.8
10°-20°	39.5	30.0
20°-30°	35.9	27.2
30°-40°	21.7	16.5
40°-50°	8.7	6.6
50°-60°	3.9	2.9
60°-70°	2.3	1.8
70°-80°	1.2	0.9
80°-90°	0.4	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°	93.7	71.0
0°-40°	115.5	87.5
0°-60°	128.0	97.0
0°-90°	132.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	132.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	206	
5°	198	18
15°	144	40
25°	78	36
35°	34	22
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	205.7
1°	205.5
2°	204.7
3°	203.2
4°	201.2
5°	198.5
6°	195.3
7°	191.8
8°	187.3
9°	182.2
10°	176.8
11°	170.7
12°	164.2
13°	157.6
14°	150.4
15°	143.5
17.5°	125.3
20°	108.1
22.5°	92.1
25°	78.2
27.5°	65.5
30°	54.2
32.5°	43.8
35°	34.2
37.5°	26.2
40°	19.6
42.5°	14.3
45°	10.6
47.5°	8.0
50°	5.9
52.5°	4.7
55°	4.3
57.5°	3.7
60°	3.3
62.5°	2.7
65°	2.3
67.5°	2.0
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.6
82.5°	0.4
85°	0.4
87.5°	0.2

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CANDELA DISTRIBUTION (continued):

	0°
90°	0.0

(END OF REPORT)