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: P1253517

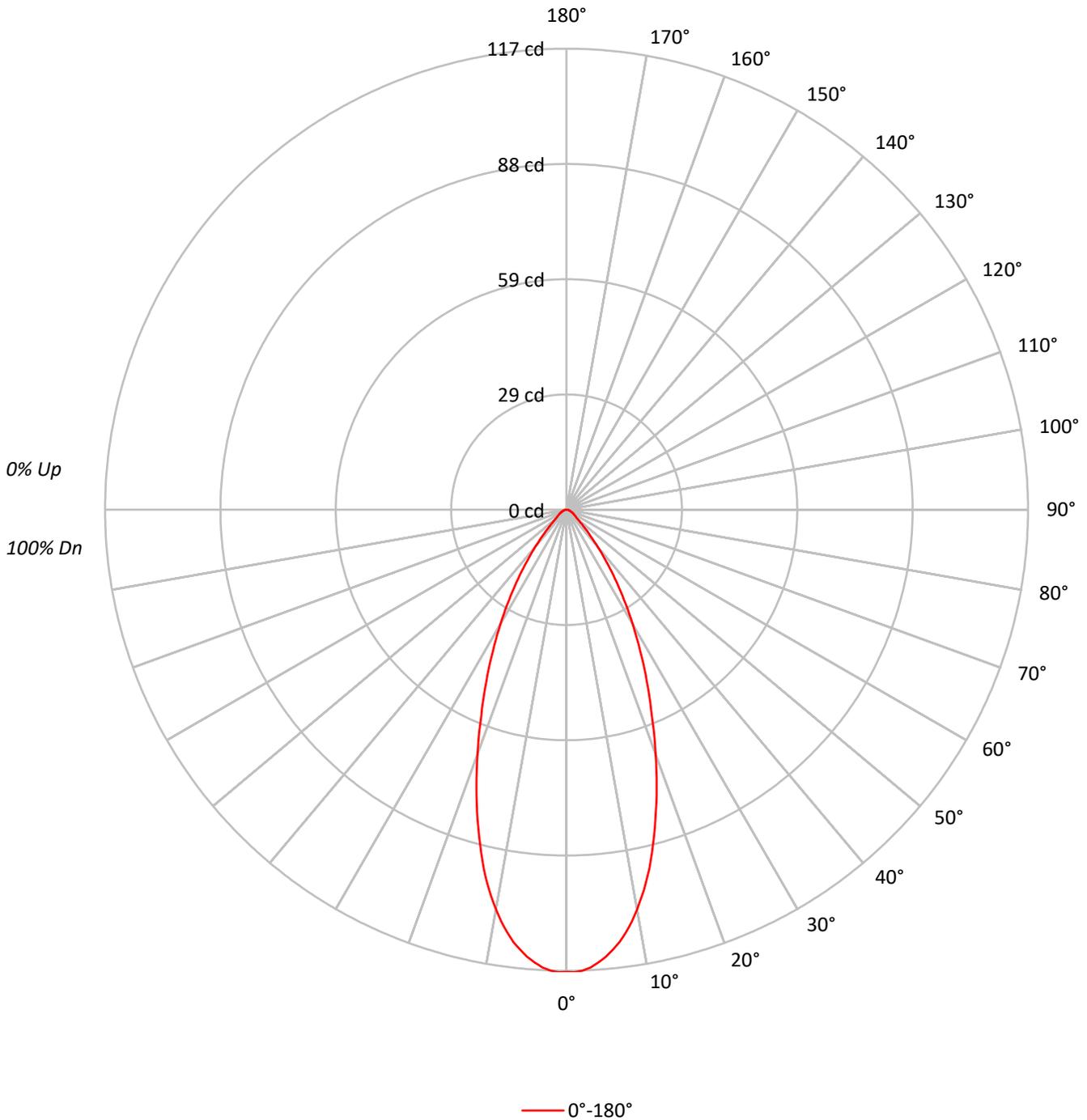Luminaire Tested: P3AS02R359035DE010 E3DLP1GPH

Issue Date: 1/30/2026

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COOPER
Lighting Solutions

Test Information

Test Method:	LM-79-2019
Report Number:	P1253517
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS02R359035DE010 E3DLP1GPH
Description:	3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	80.0 lumens
Efficiency:	N/A
Efficacy:	22.2 lumens/watt
Spacing Criteria (0/90/45):	0.69 / 0.69 / 0.72
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

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Luminous Intensity Polar Plot

0% Up

100% Dn

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	100	100	99	97	97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25722
5°	25071
10°	22934
15°	19455
20°	15401
25°	11662
30°	8482
35°	5729
40°	3521
45°	2016
50°	1228
55°	994
60°	877
65°	778
70°	641
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2016 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	13.2
10°-20°	23.6	29.5
20°-30°	22.1	27.6
30°-40°	13.5	16.9
40°-50°	5.3	6.7
50°-60°	2.4	3.0
60°-70°	1.5	1.8
70°-80°	0.8	1.0
80°-90°	0.3	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°	56.3	70.3
0°-40°	69.8	87.3
0°-60°	77.5	96.9
0°-90°	80.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	80.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	117	
5°	114	11
15°	86	24
25°	48	22
35°	21	14
45°	6	5
55°	3	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	117.3
1°	117.4
2°	117.0
3°	116.3
4°	115.2
5°	113.9
6°	112.3
7°	110.5
8°	108.3
9°	105.8
10°	103.0
11°	100.0
12°	96.8
13°	93.4
14°	89.6
15°	85.7
17.5°	75.9
20°	66.0
22.5°	56.5
25°	48.2
27.5°	40.4
30°	33.5
32.5°	27.1
35°	21.4
37.5°	16.4
40°	12.3
42.5°	8.9
45°	6.5
47.5°	4.7
50°	3.6
52.5°	3.0
55°	2.6
57.5°	2.2
60°	2.0
62.5°	1.7
65°	1.5
67.5°	1.2
70°	1.0
72.5°	0.9
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)