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: P1264250

Luminaire Tested: P3A05R259730DE010 E3DLD1WMH
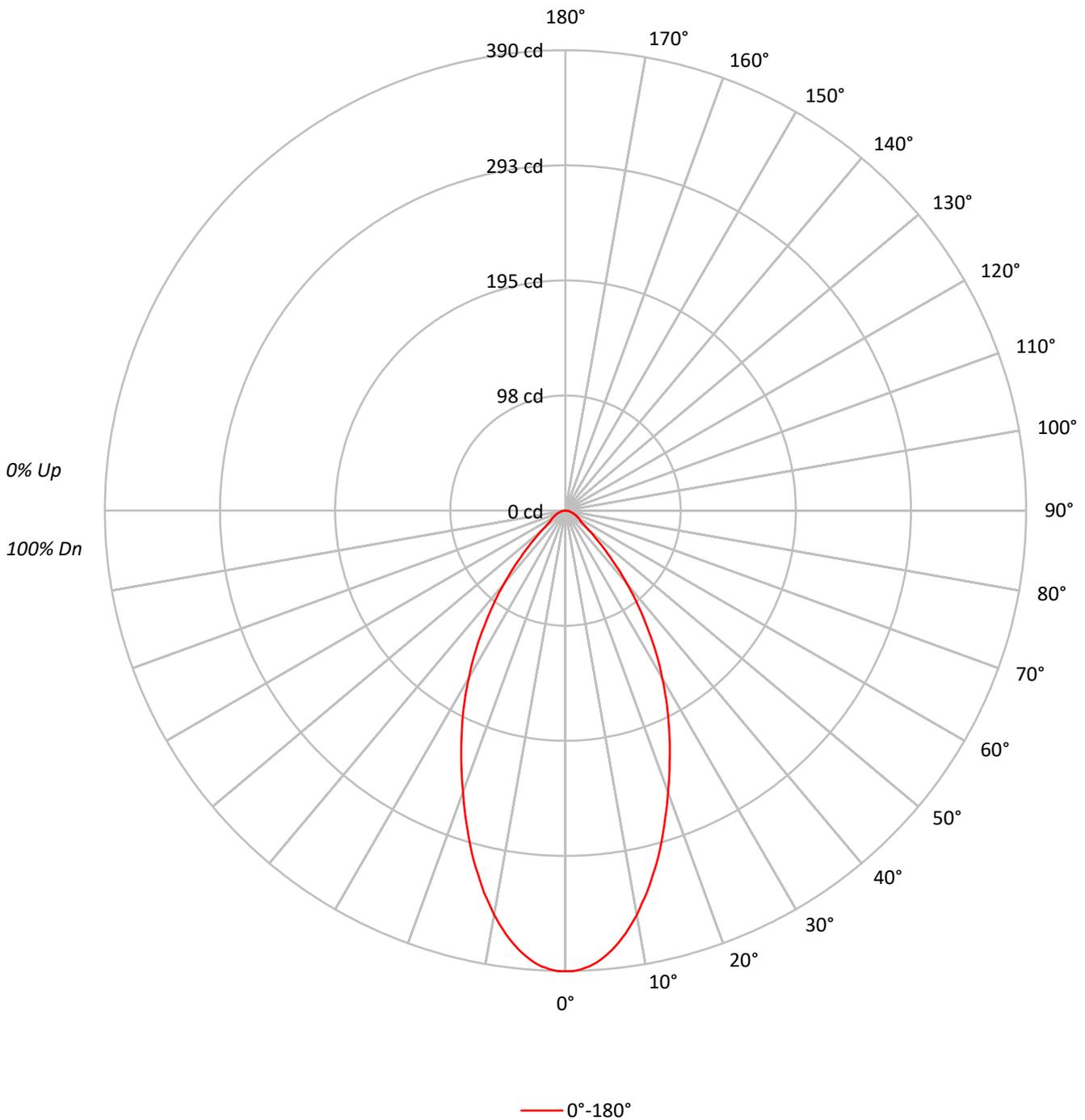
Issue Date: 1/30/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1264250
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A05R259730DE010 E3DLD1WMH
Description:	3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	360.0 lumens
Efficiency:	N/A
Efficacy:	50.0 lumens/watt
Spacing Criteria (0/90/45):	0.78 / 0.78 / 0.85
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	7.2
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

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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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85563
5°	83513
10°	77398
15°	68922
20°	59225
25°	50350
30°	41449
35°	32284
40°	23244
45°	14730
50°	8733
55°	6002
60°	5526
65°	5137
70°	4616
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14730 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.2	9.8
10°-20°	84.3	23.4
20°-30°	95.2	26.5
30°-40°	75.3	20.9
40°-50°	38.0	10.6
50°-60°	15.3	4.2
60°-70°	9.8	2.7
70°-80°	5.4	1.5
80°-90°	1.5	0.4
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°	214.7	59.6
0°-40°	290.0	80.6
0°-60°	343.3	95.4
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	390	
5°	379	35
15°	304	84
25°	208	95
35°	121	75
45°	48	38
55°	16	15
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	390.2
1°	390.2
2°	388.8
3°	386.6
4°	383.5
5°	379.4
6°	374.5
7°	368.7
8°	362.4
9°	355.2
10°	347.6
11°	339.1
12°	331.0
13°	321.6
14°	312.6
15°	303.6
17.5°	278.5
20°	253.8
22.5°	230.5
25°	208.1
27.5°	186.1
30°	163.7
32.5°	142.6
35°	120.6
37.5°	100.5
40°	81.2
42.5°	63.2
45°	47.5
47.5°	35.4
50°	25.6
52.5°	19.3
55°	15.7
57.5°	14.4
60°	12.6
62.5°	11.2
65°	9.9
67.5°	8.5
70°	7.2
72.5°	6.3
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)