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: P1266192

Luminaire Tested: P3A02R209735DE010 E3DLP1WH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1266192
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3A02R209735DE010 E3DLP1WH
Description:	3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DLP1WH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	235.0 lumens
Efficiency:	N/A
Efficacy:	65.3 lumens/watt
Spacing Criteria (0/90/45):	0.44 / 0.44 / 0.46
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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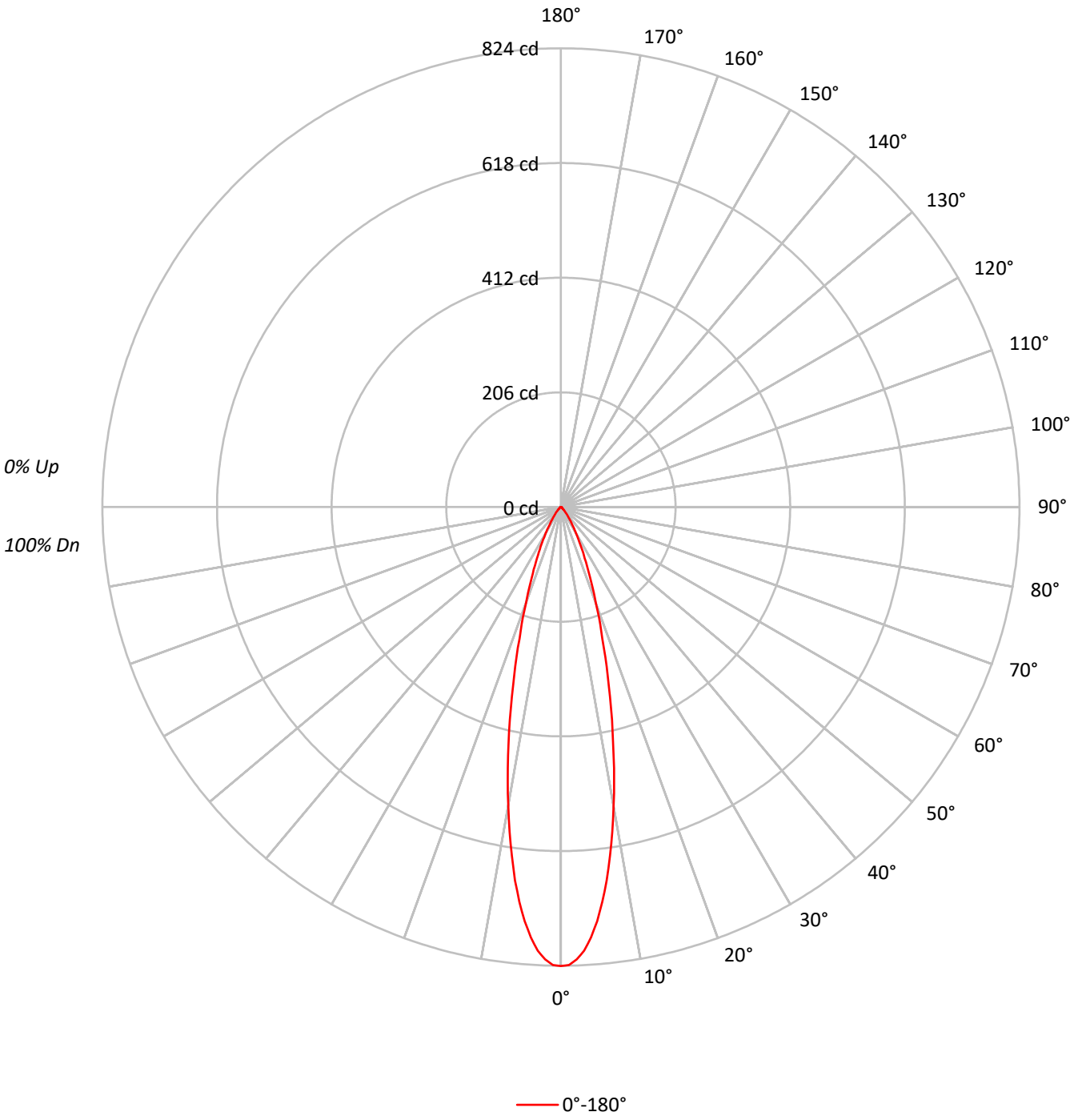
Luminous Intensity Polar Plot



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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	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180797
5°	164362
10°	121463
15°	75142
20°	42914
25°	24509
30°	13749
35°	7469
40°	4093
45°	2264
50°	1330
55°	956
60°	877
65°	830
70°	705
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2264 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	27.5
10°-20°	92.3	39.3
20°-30°	48.2	20.5
30°-40°	18.6	7.9
40°-50°	6.0	2.6
50°-60°	2.4	1.0
60°-70°	1.6	0.7
70°-80°	0.9	0.4
80°-90°	0.3	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°	205.1	87.3
0°-40°	223.8	95.2
0°-60°	232.2	98.8
0°-90°	235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	235.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	824	
5°	747	65
15°	331	92
25°	101	48
35°	28	19
45°	7	6
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	824.5
1°	823.0
2°	813.2
3°	798.2
4°	775.0
5°	746.7
6°	713.1
7°	675.8
8°	632.7
9°	590.7
10°	545.5
12.5°	433.6
15°	331.0
17.5°	247.7
20°	183.9
22.5°	136.2
25°	101.3
27.5°	74.7
30°	54.3
32.5°	39.3
35°	27.9
37.5°	20.2
40°	14.3
42.5°	10.2
45°	7.3
47.5°	5.2
50°	3.9
52.5°	3.0
55°	2.5
57.5°	2.3
60°	2.0
62.5°	1.8
65°	1.6
67.5°	1.4
70°	1.1
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)