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: P#

Luminaire Tested: LDSQRT3D17R129035DE010 3LSQCBUSR1MW

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P#
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	LDSQRT3D17R129035DE010 3LSQCBUSR1MW
Description:	3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , 3LSQCBUSR1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1449.0 lumens
Efficiency:	N/A
Efficacy:	63.3 lumens/watt
Spacing Criteria (0/90/45):	0.22 / 0.22 / 0.22
Luminous Opening:	Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	22.9
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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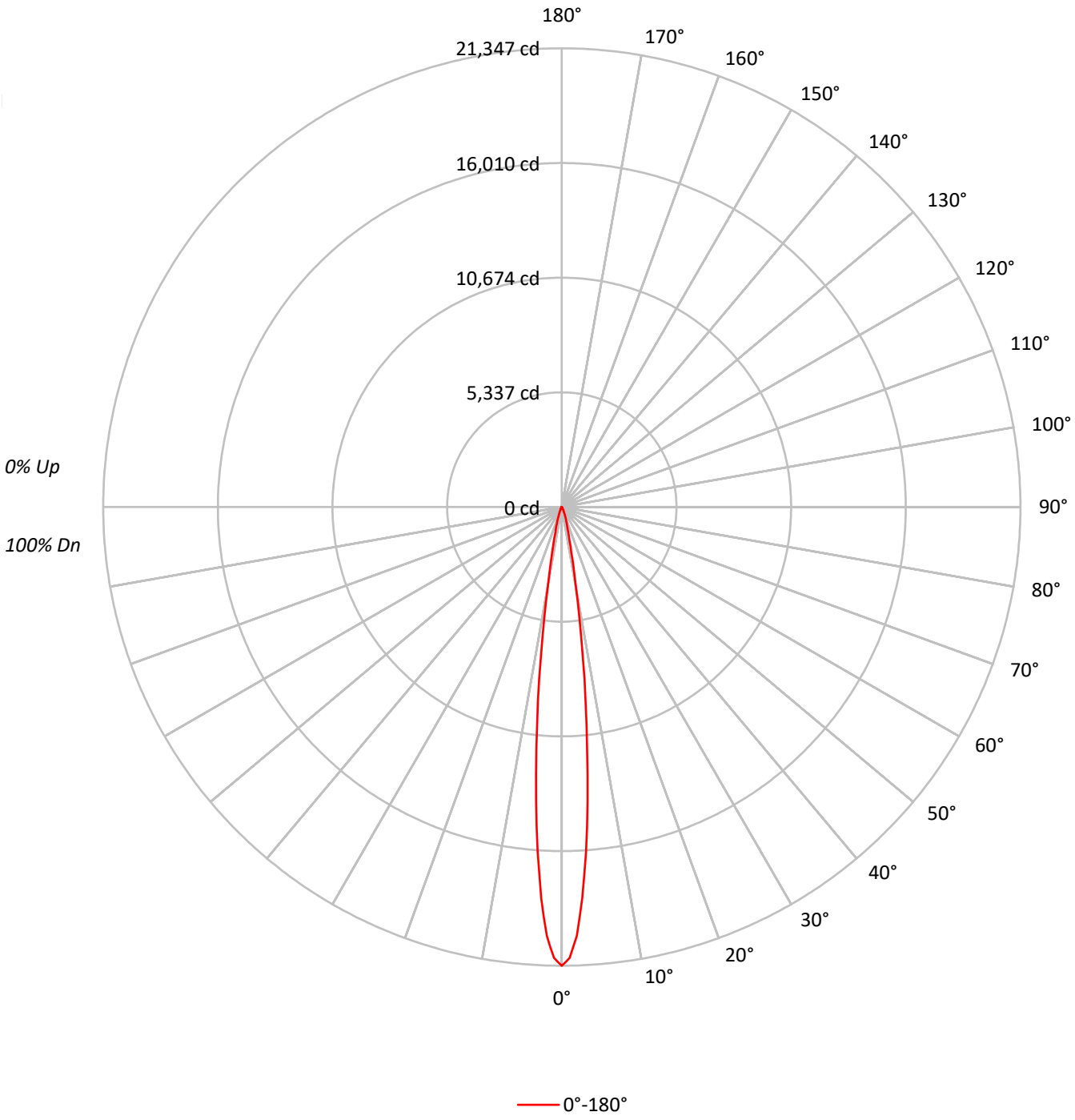
Luminous Intensity Polar Plot



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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	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3676471
5°	2375482
10°	670243
15°	189513
20°	79230
25°	35079
30°	17918
35°	9461
40°	4047
45°	1096
50°	1206
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 50°
Luminance: 1206 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	968.1	66.8
10°-20°	351.2	24.2
20°-30°	94.0	6.5
30°-40°	29.6	2.0
40°-50°	5.5	0.4
50°-60°	0.5	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1413.4	97.5
0°-40°	1443.0	99.6
0°-60°	1449.0	100.0
0°-90°	1449.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1449.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	21347	
5°	13741	968
15°	1063	351
25°	185	94
35°	45	30
45°	4	6
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	21347.2
1°	20986.9
2°	19973.6
3°	18239.7
4°	16087.0
5°	13740.6
6°	11295.1
7°	9106.3
8°	7007.6
9°	5215.2
10°	3832.6
11°	2823.8
12°	2125.7
13°	1648.3
14°	1306.1
15°	1062.9
17.5°	675.5
20°	432.3
22.5°	279.2
25°	184.6
27.5°	126.1
30°	90.1
32.5°	63.1
35°	45.0
37.5°	31.5
40°	18.0
42.5°	9.0
45°	4.5
47.5°	4.5
50°	4.5
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0

TEST NUMBER: P#
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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)