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: METALUX

Report Number: P1555022

Luminaire Tested: 22CGTS-L3C3 4000 - LOW

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1555022
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2605-799-3)
Test Lab:	INNOVATION CENTER
Issue Date:	9/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	22CGTS-L3C3 4000 - LOW
Description:	CGT Selectable Lumens and CCT, Backlit Panel, 2x2 4000 LOW
Light Source:	
Ballast/Driver:	-

Summary

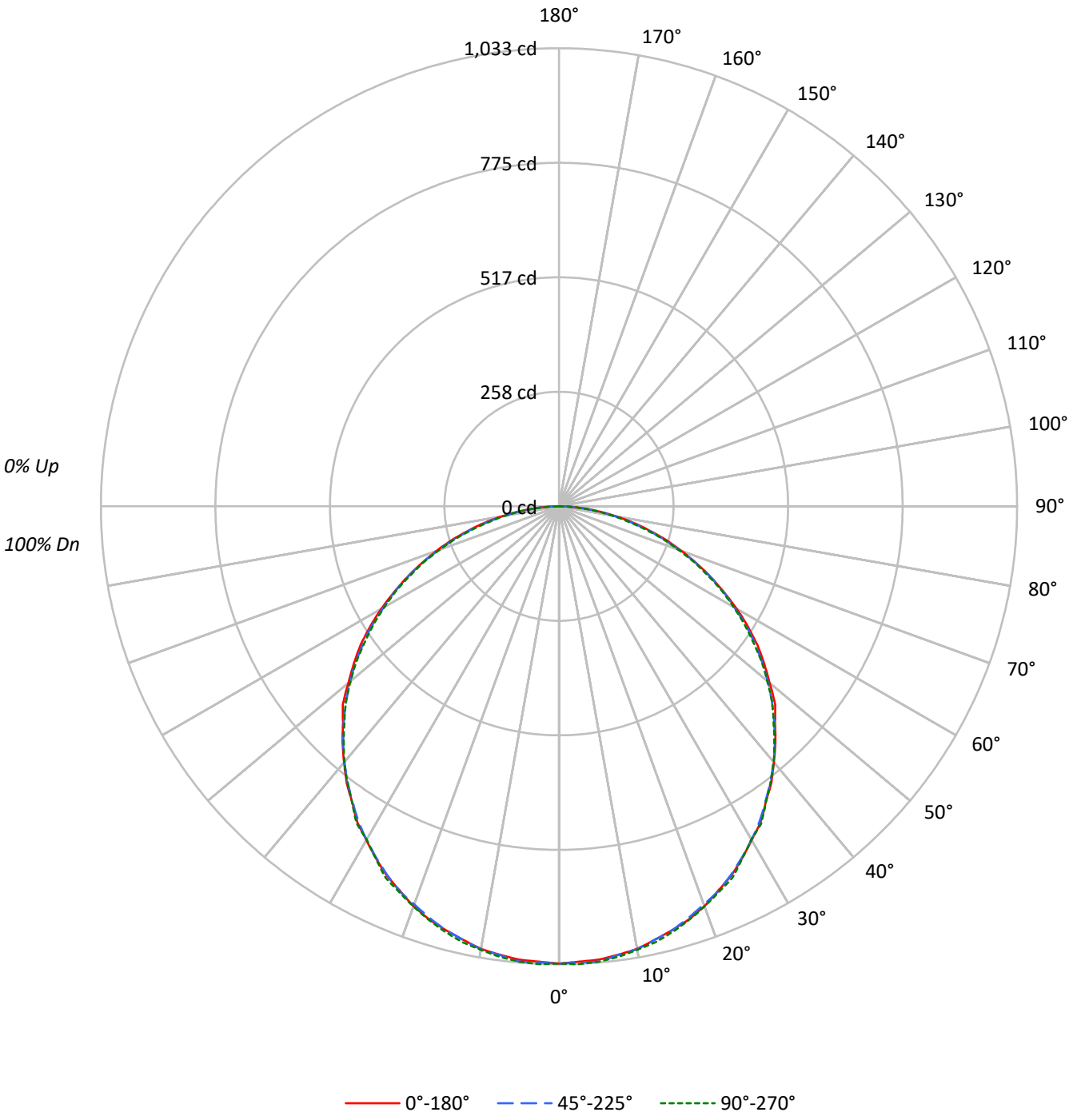
Lumens per Lamp:	N/A
Luminaire Lumens:	2976.0 lumens
Efficiency:	N/A
Efficacy:	147.3 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.26 / 1.37
Luminous Opening:	Rectangular (W 2' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	20.2
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	28.75 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	109	104	99	95	106	101	97	94	97	94	91	93	90	88	90	87	85	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2775	2775	2775
5°	2772	2784	2784
10°	2770	2772	2775
15°	2755	2755	2767
20°	2747	2735	2749
25°	2729	2722	2746
30°	2700	2698	2696
35°	2671	2667	2674
40°	2648	2643	2646
45°	2622	2611	2603
50°	2595	2574	2568
55°	2563	2527	2507
60°	2492	2458	2447
65°	2404	2395	2360
70°	2316	2282	2249
75°	2195	2157	2092
80°	2035	1970	1914
85°	1788	1744	1680

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 47.5°
Luminance: 2634 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	3.3
10°-20°	279.5	9.4
20°-30°	423.2	14.2
30°-40°	510.0	17.1
40°-50°	530.6	17.8
50°-60°	481.9	16.2
60°-70°	370.6	12.5
70°-80°	218.7	7.3
80°-90°	63.8	2.1
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°	800.4	26.9
0°-40°	1310.4	44.0
0°-60°	2322.8	78.1
0°-90°	2976.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2976.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1031	1031	1031	1031	1031	
5°	1026	1029	1031	1029	1031	98
15°	989	992	989	991	993	279
25°	919	916	917	922	925	423
35°	813	817	812	816	814	510
45°	689	692	686	688	684	533
55°	546	541	539	539	534	487
65°	378	376	376	371	371	374
75°	211	210	208	204	201	224
85°	58	57	56	54	54	66
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1031.3	1031.3	1031.3	1031.3	*1031.3*
2.5°	*1027.7*	*1028.5*	*1029.2*	*1027.7*	*1033.4*
5°	1026.3	1029.2	1030.6	1029.2	*1030.6*
7.5°	1020.0	1020.7	1020.7	1023.5	*1024.9*
10°	1013.6	1012.2	1014.3	1016.5	*1015.7*
12.5°	1000.9	1000.9	1000.9	1003.7	*1006.6*
15°	988.9	992.5	988.9	991.0	*993.2*
17.5°	976.2	975.5	972.7	977.6	*977.6*
20°	959.3	956.5	955.0	960.0	*960.0*
22.5°	938.1	941.6	939.5	939.5	*941.6*
25°	919.0	916.2	916.9	921.9	*924.7*
27.5°	894.3	897.2	892.9	895.0	*895.0*
30°	868.9	870.3	868.2	871.0	*867.5*
32.5°	845.6	845.6	842.1	844.2	*848.5*
35°	813.2	816.7	811.8	816.0	*813.9*
37.5°	786.3	787.0	783.5	787.0	*783.5*
40°	753.9	753.9	752.5	753.9	*753.2*
42.5°	722.1	722.1	720.0	721.4	*718.6*
45°	688.9	691.8	686.1	688.2	*684.0*
47.5°	661.4	655.0	650.8	652.9	*651.5*
50°	619.8	617.6	614.8	616.2	*613.4*
52.5°	583.0	578.1	577.4	576.0	*576.0*
55°	546.3	541.4	538.6	539.3	*534.3*
57.5°	504.7	501.2	499.8	497.6	*496.2*
60°	463.1	460.9	456.7	456.0	*454.6*
62.5°	419.3	419.3	417.2	415.8	*415.1*
65°	377.6	376.2	376.2	370.6	*370.6*
67.5°	334.6	334.6	333.2	328.2	*330.3*
70°	294.3	291.5	290.1	288.0	*285.9*
72.5°	253.4	250.6	247.1	245.6	*245.6*
75°	211.1	209.6	207.5	204.0	*201.2*
77.5°	172.2	168.7	165.2	163.1	*160.9*
80°	131.3	129.9	127.1	124.2	*123.5*
82.5°	94.6	93.2	91.1	88.2	*88.9*
85°	57.9	57.2	56.5	54.4	*54.4*
87.5°	25.4	24.7	24.0	22.6	*23.3*
90°	0.0	0.0	0.0	0.0	*0.0*

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CIE UGR TABLE:

Reflectances:											
	Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
	Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.4	17.1	15.8	17.4	17.7	15.4	17.0	15.7	17.3	17.6
	3H	17.3	18.8	17.7	19.1	19.5	17.2	18.7	17.6	19.0	19.4
	4H	18.0	19.4	18.4	19.8	20.2	17.9	19.3	18.3	19.7	20.0
	6H	18.6	19.9	19.0	20.3	20.6	18.4	19.7	18.8	20.1	20.5
	8H	18.8	20.0	19.2	20.4	20.8	18.6	19.8	19.0	20.2	20.6
	12H	18.9	20.1	19.3	20.5	20.9	18.7	19.9	19.1	20.3	20.7
4H	2H	16.1	17.5	16.5	17.8	18.2	16.0	17.4	16.4	17.8	18.2
	3H	18.2	19.3	18.6	19.7	20.1	18.1	19.3	18.5	19.7	20.1
	4H	19.0	20.1	19.5	20.5	20.9	18.9	20.0	19.3	20.4	20.8
	6H	19.7	20.7	20.2	21.1	21.5	19.6	20.5	20.0	20.9	21.4
	8H	20.0	20.8	20.4	21.3	21.7	19.8	20.7	20.2	21.1	21.6
	12H	20.1	20.9	20.6	21.4	21.9	19.9	20.7	20.4	21.2	21.7
8H	4H	19.3	20.2	19.8	20.7	21.1	19.2	20.1	19.7	20.6	21.0
	6H	20.2	20.9	20.7	21.4	21.9	20.0	20.8	20.5	21.2	21.7
	8H	20.5	21.2	21.0	21.7	22.1	20.3	21.0	20.8	21.5	22.0
	12H	20.8	21.3	21.3	21.8	22.4	20.6	21.2	21.1	21.6	22.2
12H	4H	19.4	20.2	19.9	20.7	21.1	19.3	20.1	19.8	20.6	21.0
	6H	20.2	20.9	20.8	21.4	21.9	20.1	20.8	20.6	21.2	21.8
	8H	20.6	21.2	21.1	21.7	22.3	20.5	21.0	21.0	21.5	22.1

(END OF REPORT)