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: P1555024

Luminaire Tested: 22CGTS-L3C3 5000 - LOW

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1555024
	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 5000 - LOW
Description:	CGT Selectable Lumens and CCT, Backlit Panel, 2x2 5000 LOW
Light Source:	
Ballast/Driver:	-

Summary

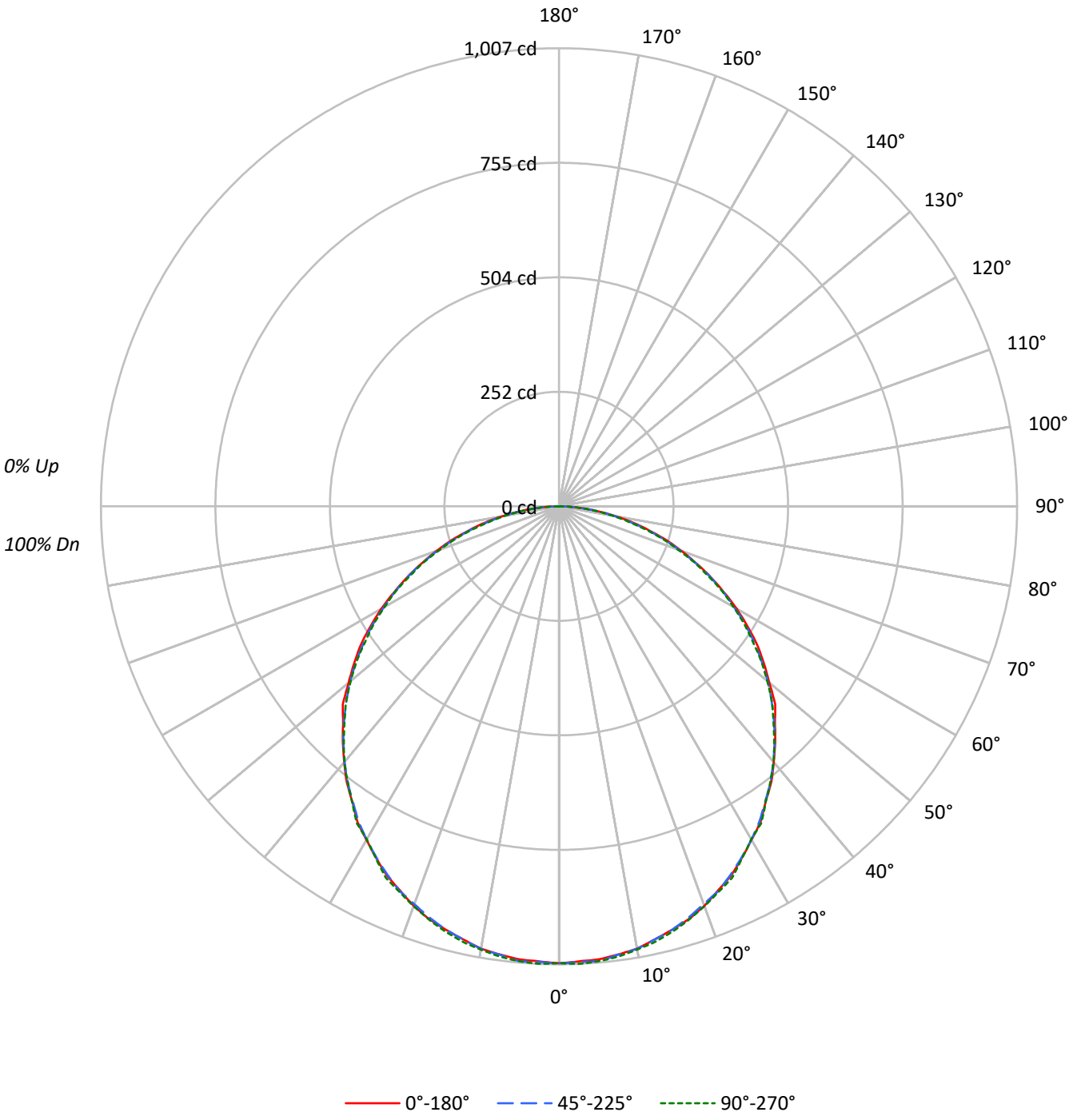
Lumens per Lamp:	N/A
Luminaire Lumens:	2899.0 lumens
Efficiency:	N/A
Efficacy:	138.7 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.26 / 1.37
Luminous Opening:	Rectangular (W 2' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	20.9
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
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°	2703	2703	2703
5°	2701	2712	2712
10°	2698	2700	2704
15°	2684	2684	2695
20°	2676	2664	2678
25°	2658	2652	2675
30°	2630	2628	2626
35°	2602	2598	2604
40°	2580	2575	2577
45°	2554	2544	2536
50°	2527	2507	2501
55°	2497	2461	2442
60°	2428	2394	2383
65°	2343	2334	2299
70°	2256	2223	2191
75°	2138	2102	2038
80°	1982	1918	1864
85°	1741	1698	1633

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 47.5°
Luminance: 2566 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.2	3.3
10°-20°	272.2	9.4
20°-30°	412.3	14.2
30°-40°	496.8	17.1
40°-50°	516.8	17.8
50°-60°	469.4	16.2
60°-70°	361.0	12.5
70°-80°	213.1	7.4
80°-90°	62.2	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°	779.7	26.9
0°-40°	1276.5	44.0
0°-60°	2262.8	78.1
0°-90°	2899.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2899.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1005	1005	1005	1005	1005	
5°	1000	1002	1004	1002	1004	95
15°	963	967	963	965	968	272
25°	895	892	893	898	901	412
35°	792	796	791	795	793	497
45°	671	674	668	670	666	519
55°	532	527	525	525	520	474
65°	368	366	366	361	361	364
75°	206	204	202	199	196	218
85°	56	56	55	53	53	65
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1004.6	1004.6	1004.6	1004.6	*1004.6*
2.5°	*1001.2*	*1001.8*	*1002.5*	*1001.2*	*1006.7*
5°	999.8	1002.5	1003.9	1002.5	*1003.9*
7.5°	993.6	994.3	994.3	997.0	*998.4*
10°	987.4	986.0	988.1	990.2	*989.5*
12.5°	975.0	975.0	975.0	977.8	*980.5*
15°	963.3	966.8	963.3	965.4	*967.5*
17.5°	951.0	950.3	947.5	952.3	*952.3*
20°	934.5	931.7	930.3	935.1	*935.1*
22.5°	913.8	917.3	915.2	915.2	*917.3*
25°	895.3	892.5	893.2	898.0	*900.8*
27.5°	871.2	873.9	869.8	871.9	*871.9*
30°	846.4	847.8	845.8	848.5	*845.1*
32.5°	823.8	823.8	820.3	822.4	*826.5*
35°	792.1	795.6	790.7	794.9	*792.8*
37.5°	766.0	766.7	763.2	766.7	*763.2*
40°	734.4	734.4	733.0	734.4	*733.7*
42.5°	703.4	703.4	701.4	702.7	*700.0*
45°	671.1	673.9	668.4	670.4	*666.3*
47.5°	644.3	638.1	634.0	636.0	*634.7*
50°	603.7	601.7	598.9	600.3	*597.5*
52.5°	568.0	563.2	562.5	561.1	*561.1*
55°	532.2	527.4	524.6	525.3	*520.5*
57.5°	491.6	488.2	486.8	484.8	*483.4*
60°	451.1	449.0	444.9	444.2	*442.8*
62.5°	408.4	408.4	406.4	405.0	*404.3*
65°	367.9	366.5	366.5	361.0	*361.0*
67.5°	325.9	325.9	324.6	319.7	*321.8*
70°	286.7	284.0	282.6	280.5	*278.5*
72.5°	246.9	244.1	240.7	239.3	*239.3*
75°	205.6	204.2	202.2	198.7	*196.0*
77.5°	167.8	164.3	160.9	158.8	*156.8*
80°	127.9	126.5	123.8	121.0	*120.3*
82.5°	92.1	90.8	88.7	86.0	*86.6*
85°	56.4	55.7	55.0	52.9	*52.9*
87.5°	24.8	24.1	23.4	22.0	*22.7*
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	15.3	17.0	15.7	17.3	17.6	15.3	16.9	15.6	17.2	17.6
	3H	17.2	18.7	17.6	19.0	19.4	17.1	18.6	17.5	18.9	19.3
	4H	17.9	19.3	18.3	19.7	20.1	17.8	19.2	18.2	19.6	19.9
	6H	18.5	19.8	18.9	20.2	20.5	18.3	19.6	18.7	20.0	20.4
	8H	18.7	19.9	19.1	20.3	20.7	18.5	19.7	18.9	20.1	20.5
	12H	18.8	20.0	19.2	20.4	20.8	18.6	19.8	19.0	20.2	20.6
4H	2H	16.0	17.4	16.4	17.7	18.1	15.9	17.3	16.3	17.7	18.1
	3H	18.1	19.3	18.5	19.7	20.1	18.0	19.2	18.4	19.6	20.0
	4H	18.9	20.0	19.4	20.4	20.9	18.8	19.9	19.3	20.3	20.7
	6H	19.6	20.6	20.1	21.0	21.5	19.5	20.4	19.9	20.8	21.3
	8H	19.9	20.7	20.3	21.2	21.7	19.7	20.6	20.2	21.0	21.5
	12H	20.0	20.8	20.5	21.3	21.8	19.9	20.7	20.3	21.1	21.6
8H	4H	19.3	20.1	19.7	20.6	21.0	19.2	20.0	19.6	20.5	20.9
	6H	20.1	20.8	20.6	21.3	21.8	19.9	20.7	20.4	21.2	21.6
	8H	20.4	21.1	20.9	21.6	22.1	20.2	20.9	20.7	21.4	21.9
	12H	20.7	21.2	21.2	21.7	22.3	20.5	21.1	21.0	21.6	22.1
12H	4H	19.3	20.1	19.8	20.6	21.0	19.2	20.0	19.7	20.5	20.9
	6H	20.2	20.8	20.7	21.3	21.8	20.0	20.7	20.5	21.1	21.7
	8H	20.5	21.1	21.0	21.6	22.2	20.4	20.9	20.9	21.4	22.0

(END OF REPORT)