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: P1555016

Luminaire Tested: 14CGTS-L3C3 5000 - MEDIUM

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1555016
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2605-800-3)
Test Lab:	INNOVATION CENTER
Issue Date:	9/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	14CGTS-L3C3 5000 - MEDIUM
Description:	CGT Selectable Lumens and CCT, Backlit Panel, 1x4 5000 MEDIUM
Light Source:	
Ballast/Driver:	-

Summary

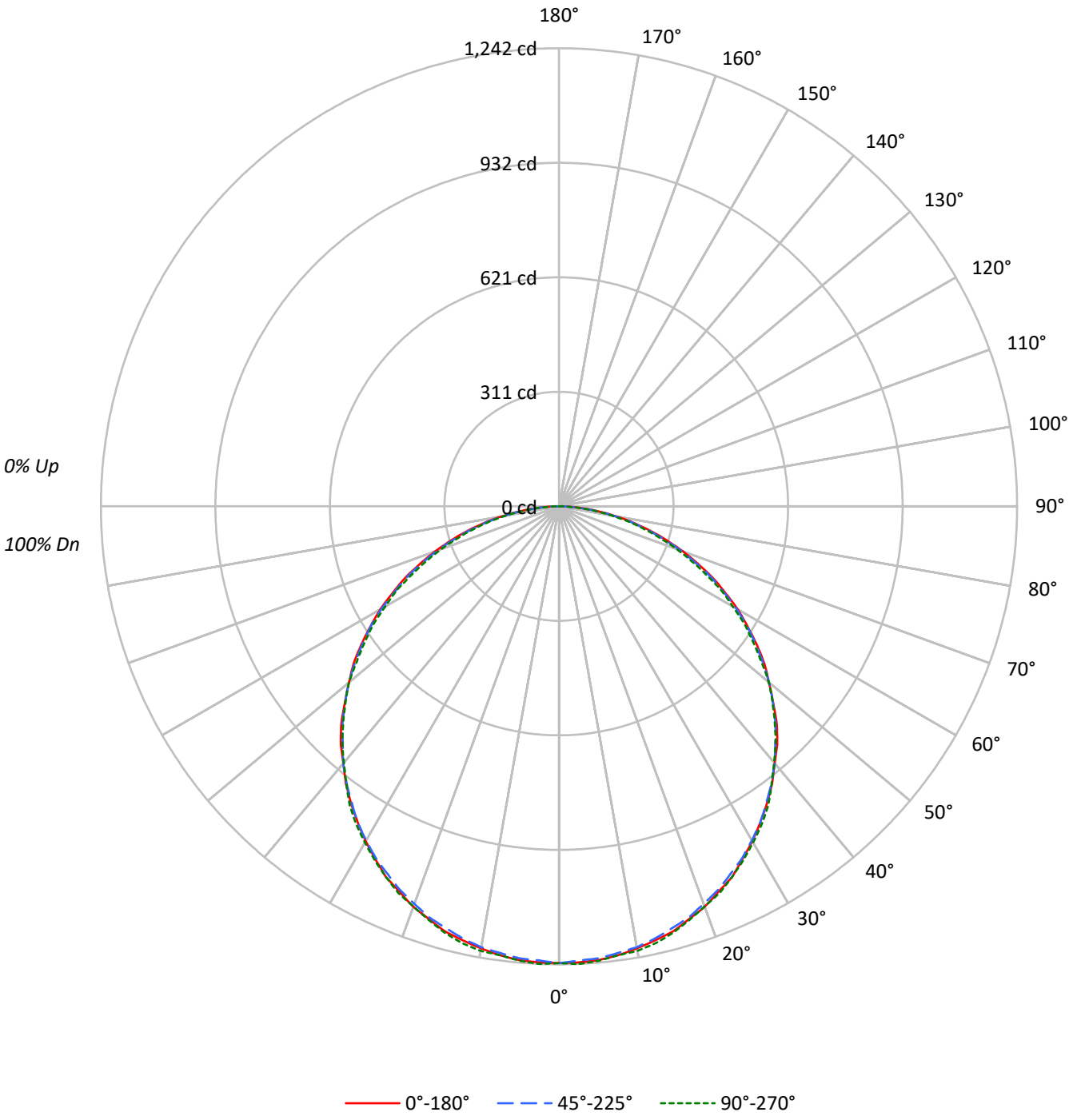
Lumens per Lamp:	N/A
Luminaire Lumens:	3588.0 lumens
Efficiency:	N/A
Efficacy:	133.9 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.26 / 1.38
Luminous Opening:	Rectangular (W 1' x L: 4' x H: 0')
CIE Type:	Direct
Input Watts (W):	26.8
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
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°	3333	3333	3333
5°	3337	3323	3341
10°	3326	3317	3345
15°	3325	3299	3334
20°	3308	3284	3306
25°	3294	3266	3294
30°	3257	3249	3270
35°	3228	3220	3251
40°	3195	3195	3186
45°	3177	3158	3148
50°	3111	3114	3111
55°	3071	3051	3015
60°	3015	2988	2928
65°	2933	2896	2814
70°	2809	2762	2675
75°	2669	2590	2492
80°	2450	2385	2266
85°	2152	2047	1917

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3177 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.3	3.3
10°-20°	336.1	9.4
20°-30°	509.8	14.2
30°-40°	615.2	17.1
40°-50°	640.2	17.8
50°-60°	581.5	16.2
60°-70°	447.5	12.5
70°-80°	264.1	7.4
80°-90°	76.4	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°	963.2	26.8
0°-40°	1578.4	44.0
0°-60°	2800.1	78.0
0°-90°	3588.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3588.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1239	1239	1239	1239	1239	
5°	1235	1239	1230	1239	1237	117
15°	1194	1189	1184	1192	1197	336
25°	1109	1108	1100	1105	1109	510
35°	983	985	980	983	990	615
45°	835	835	830	828	827	642
55°	655	655	650	646	643	585
65°	461	459	455	447	442	454
75°	257	256	249	244	240	271
85°	70	70	66	64	62	80
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1238.6	1238.6	1238.6	*1238.6*	1238.6
2.5°	*1237.7*	*1240.3*	*1232.6*	*1242.0*	*1242.0*
5°	1235.2	1239.4	1230.1	*1238.6*	1236.9
7.5°	1227.5	1225.8	1221.6	*1231.8*	1227.5
10°	1217.3	1220.7	1213.9	*1223.3*	1224.1
12.5°	1205.4	1205.4	1200.3	*1210.5*	1213.1
15°	1193.5	1189.3	1184.2	*1191.8*	1196.9
17.5°	1173.1	1176.5	1168.9	*1174.8*	1175.7
20°	1155.2	1152.7	1146.7	*1156.9*	1154.4
22.5°	1130.6	1133.1	1126.3	*1134.0*	1135.7
25°	1109.3	1107.6	1100.0	*1105.1*	1109.3
27.5°	1077.9	1080.4	1075.3	*1083.0*	1082.1
30°	1048.1	1050.7	1045.6	*1049.0*	1052.4
32.5°	1015.8	1020.1	1015.8	*1017.5*	1022.6
35°	982.7	985.2	980.1	*982.7*	989.5
37.5°	948.7	947.8	946.1	*947.0*	947.0
40°	909.6	909.6	909.6	*909.6*	907.0
42.5°	875.6	875.6	867.9	*869.6*	869.6
45°	834.8	834.8	829.7	*828.0*	827.1
47.5°	787.2	792.3	786.3	*783.8*	784.6
50°	743.0	746.4	743.8	*740.4*	743.0
52.5°	702.2	703.9	697.1	*695.4*	691.1
55°	654.6	654.6	650.3	*646.1*	642.7
57.5°	606.1	609.5	604.4	*597.6*	596.8
60°	560.2	558.5	555.1	*547.4*	544.0
62.5°	508.3	509.2	502.4	*498.1*	497.3
65°	460.7	459.0	454.8	*447.1*	442.0
67.5°	408.0	407.2	401.2	*396.1*	389.3
70°	357.0	356.2	351.1	*343.4*	340.0
72.5°	306.0	306.9	299.2	*294.1*	289.0
75°	256.7	255.9	249.1	*244.0*	239.7
77.5°	207.4	206.6	202.3	*194.7*	193.0
80°	158.1	159.8	153.9	*148.8*	146.2
82.5°	113.9	114.8	108.8	*106.3*	102.9
85°	69.7	69.7	66.3	*63.8*	62.1
87.5°	30.6	29.8	26.4	*27.2*	25.5
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	16.1	17.8	16.5	18.1	18.4	16.0	17.6	16.4	18.0	18.3
	3H	18.0	19.5	18.4	19.8	20.2	17.8	19.3	18.2	19.6	20.0
	4H	18.7	20.1	19.1	20.5	20.9	18.5	19.9	18.9	20.2	20.6
	6H	19.3	20.6	19.7	21.0	21.3	19.0	20.3	19.4	20.7	21.1
	8H	19.5	20.7	19.9	21.1	21.5	19.2	20.4	19.6	20.8	21.2
	12H	19.6	20.8	20.0	21.2	21.6	19.3	20.5	19.7	20.9	21.3
4H	2H	16.8	18.2	17.2	18.5	18.9	16.7	18.1	17.1	18.4	18.8
	3H	18.9	20.0	19.3	20.4	20.8	18.7	19.9	19.1	20.3	20.7
	4H	19.7	20.8	20.2	21.2	21.6	19.5	20.6	19.9	21.0	21.4
	6H	20.4	21.4	20.9	21.8	22.3	20.2	21.1	20.6	21.5	22.0
	8H	20.7	21.5	21.1	22.0	22.5	20.4	21.3	20.8	21.7	22.2
	12H	20.8	21.6	21.3	22.1	22.6	20.5	21.3	21.0	21.8	22.3
8H	4H	20.1	20.9	20.5	21.4	21.8	19.9	20.7	20.3	21.2	21.6
	6H	20.9	21.6	21.4	22.1	22.6	20.6	21.4	21.1	21.9	22.3
	8H	21.2	21.9	21.7	22.4	22.9	20.9	21.6	21.4	22.1	22.6
	12H	21.5	22.0	22.0	22.5	23.1	21.2	21.7	21.7	22.2	22.8
12H	4H	20.1	20.9	20.6	21.4	21.8	19.9	20.7	20.4	21.2	21.6
	6H	21.0	21.6	21.5	22.1	22.6	20.7	21.4	21.2	21.8	22.4
	8H	21.3	21.9	21.8	22.4	23.0	21.1	21.6	21.6	22.1	22.7

(END OF REPORT)