

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: P1555010

Luminaire Tested: 14CGTS-L3C39 3500 - LOW

Issue Date: 9/2/2026

Test Information

Test Method: LM-79-2019
Report Number: P1555010
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-L3C39 3500 - LOW
Description: OPP Panel 1x4 3500 LOW

Light Source:
Ballast/Driver: -

Summary

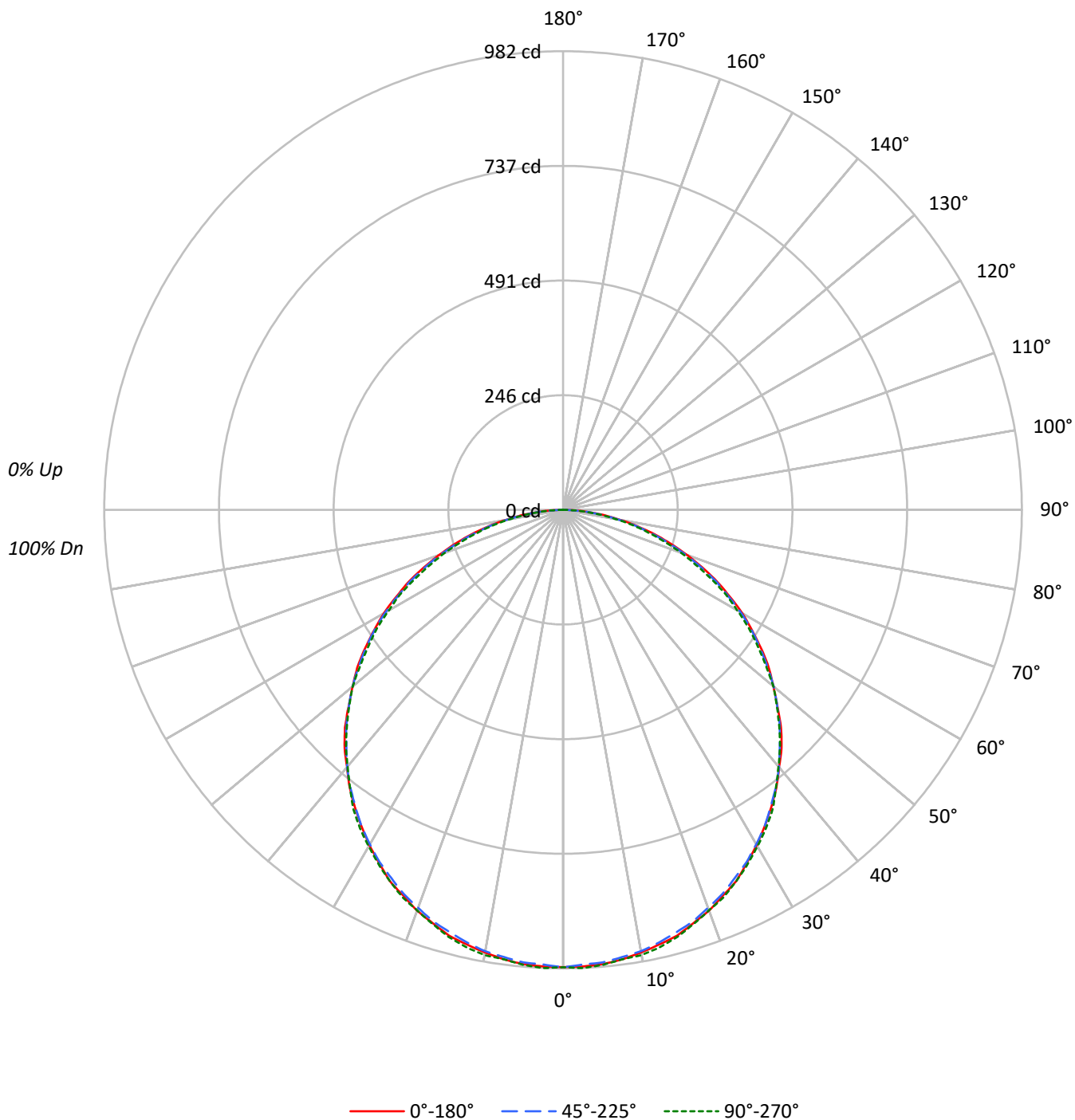
Lumens per Lamp: N/A
Luminaire Lumens: 2837.0 lumens
Efficiency: N/A
Efficacy: 135.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 20.9
Input Voltage (V):
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.9
Total Harmonic Distortion (THDi): ≈20%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
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	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°	2635	2635	2635
5°	2638	2627	2642
10°	2630	2623	2645
15°	2629	2608	2637
20°	2616	2596	2614
25°	2604	2583	2604
30°	2575	2569	2586
35°	2553	2546	2570
40°	2526	2526	2519
45°	2512	2496	2489
50°	2460	2462	2460
55°	2428	2412	2384
60°	2384	2362	2315
65°	2320	2290	2225
70°	2221	2184	2116
75°	2111	2047	1970
80°	1937	1886	1791
85°	1701	1618	1516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.8	3.3
10°-20°	265.8	9.4
20°-30°	403.1	14.2
30°-40°	486.4	17.1
40°-50°	506.2	17.8
50°-60°	459.7	16.2
60°-70°	353.8	12.5
70°-80°	208.8	7.4
80°-90°	60.3	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°	761.6	26.8
0°-40°	1248.0	44.0
0°-60°	2214.0	78.0
0°-90°	2837.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2837.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	979	979	979	979	979	
5°	977	980	973	979	978	93
15°	944	940	936	942	946	266
25°	877	876	870	874	877	403
35°	777	779	775	777	782	486
45°	660	660	656	655	654	507
55°	518	518	514	511	508	462
65°	364	363	360	354	350	359
75°	203	202	197	193	190	214
85°	55	55	52	50	49	63
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	979.3	979.3	979.3	979.3	979.3
2.5°	978.6	980.7	974.6	982.0	982.0
5°	976.6	980.0	972.6	979.3	978.0
7.5°	970.6	969.2	965.9	973.9	970.6
10°	962.5	965.2	959.8	967.2	967.9
12.5°	953.1	953.1	949.1	957.1	959.2
15°	943.7	940.3	936.3	942.3	946.4
17.5°	927.6	930.2	924.2	928.9	929.6
20°	913.4	911.4	906.7	914.8	912.8
22.5°	894.0	896.0	890.6	896.6	898.0
25°	877.1	875.8	869.8	873.8	877.1
27.5°	852.3	854.3	850.3	856.3	855.6
30°	828.8	830.8	826.7	829.4	832.1
32.5°	803.2	806.6	803.2	804.6	808.6
35°	777.0	779.0	775.0	777.0	782.4
37.5°	750.1	749.4	748.1	748.8	748.8
40°	719.2	719.2	719.2	719.2	717.2
42.5°	692.3	692.3	686.3	687.6	687.6
45°	660.0	660.0	656.0	654.7	654.0
47.5°	622.4	626.4	621.7	619.7	620.4
50°	587.5	590.1	588.1	585.4	587.5
52.5°	555.2	556.5	551.2	549.8	546.5
55°	517.6	517.6	514.2	510.8	508.1
57.5°	479.2	481.9	477.9	472.5	471.8
60°	442.9	441.6	438.9	432.9	430.2
62.5°	401.9	402.6	397.2	393.9	393.2
65°	364.3	363.0	359.6	353.5	349.5
67.5°	322.6	322.0	317.3	313.2	307.8
70°	282.3	281.6	277.6	271.5	268.9
72.5°	242.0	242.6	236.6	232.6	228.5
75°	203.0	202.3	196.9	192.9	189.5
77.5°	164.0	163.3	160.0	153.9	152.6
80°	125.0	126.4	121.7	117.6	115.6
82.5°	90.1	90.7	86.0	84.0	81.3
85°	55.1	55.1	52.4	50.4	49.1
87.5°	24.2	23.5	20.8	21.5	20.2
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	15.2	16.8	15.5	17.1	17.5
	3H	17.2	18.7	17.6	19.0	19.4	17.0	18.5	17.4	18.8	19.2
	4H	17.9	19.3	18.3	19.7	20.0	17.7	19.1	18.1	19.4	19.8
	6H	18.5	19.8	18.9	20.1	20.5	18.2	19.5	18.6	19.9	20.2
	8H	18.7	19.9	19.1	20.3	20.7	18.4	19.6	18.8	20.0	20.4
	12H	18.8	20.0	19.2	20.4	20.8	18.5	19.7	18.9	20.0	20.5
4H	2H	15.9	17.4	16.3	17.7	18.1	15.8	17.3	16.2	17.6	18.0
	3H	18.0	19.2	18.5	19.6	20.0	17.9	19.1	18.3	19.5	19.9
	4H	18.9	20.0	19.3	20.4	20.8	18.7	19.8	19.1	20.2	20.6
	6H	19.6	20.5	20.1	21.0	21.4	19.3	20.3	19.8	20.7	21.2
	8H	19.8	20.7	20.3	21.2	21.6	19.6	20.4	20.0	20.9	21.3
	12H	20.0	20.8	20.5	21.3	21.8	19.7	20.5	20.2	21.0	21.4
8H	4H	19.2	20.1	19.7	20.6	21.0	19.0	19.9	19.5	20.4	20.8
	6H	20.1	20.8	20.6	21.3	21.8	19.8	20.6	20.3	21.0	21.5
	8H	20.4	21.0	20.9	21.6	22.0	20.1	20.8	20.6	21.3	21.8
	12H	20.6	21.2	21.2	21.7	22.3	20.3	20.9	20.8	21.4	22.0
12H	4H	19.3	20.1	19.8	20.5	21.0	19.1	19.9	19.6	20.4	20.8
	6H	20.1	20.8	20.7	21.3	21.8	19.9	20.6	20.4	21.0	21.6
	8H	20.5	21.1	21.0	21.6	22.1	20.2	20.8	20.8	21.3	21.9















(END OF REPORT)