

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: P1527264

Luminaire Tested: 22CGSB-30-A125-L935

Issue Date: 8/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1527264
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2507-496-5)
Test Lab: INNOVATION CENTER
Issue Date: 8/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 22CGSB-30-A125-L935
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

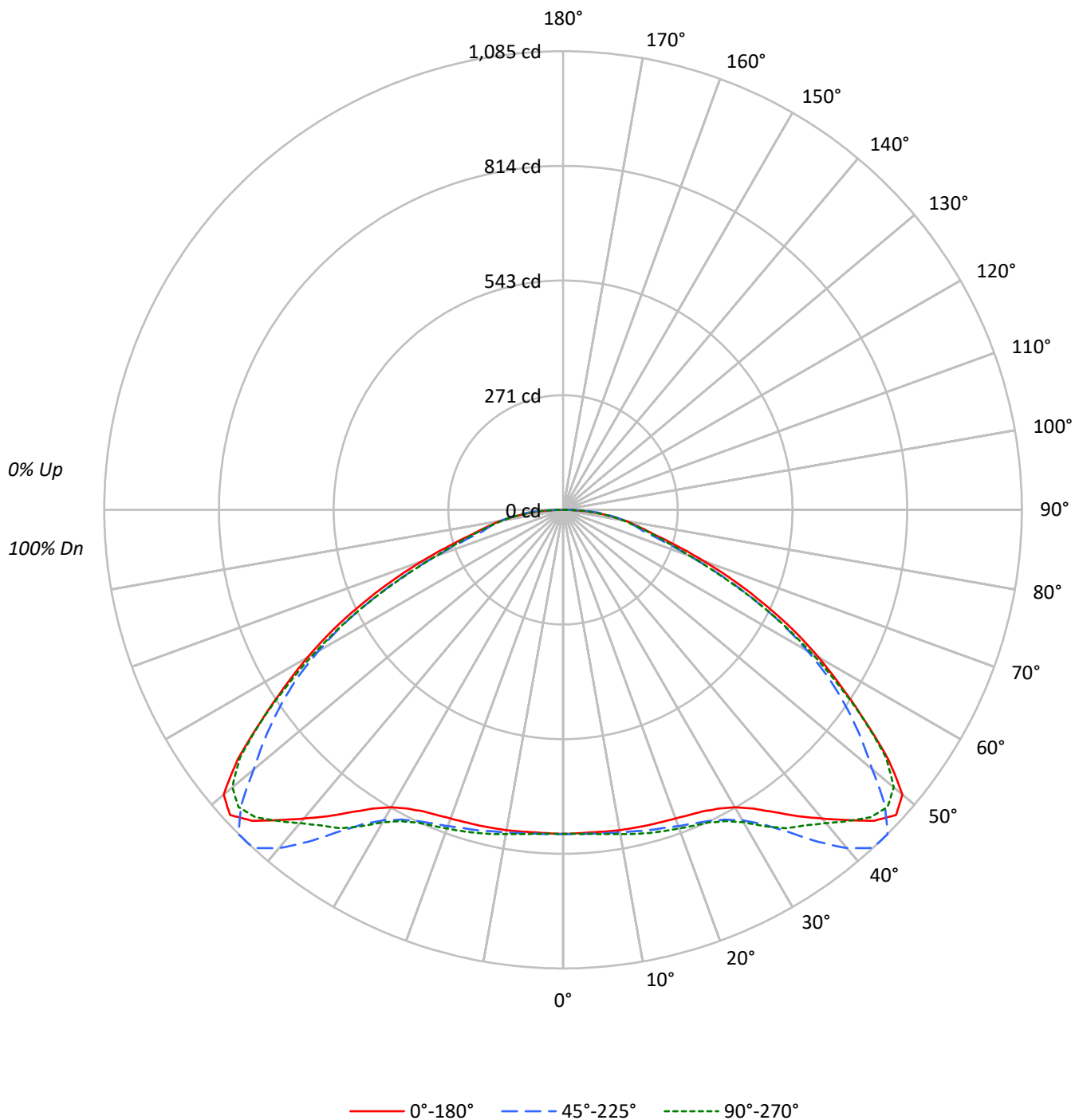
Lumens per Lamp: N/A
Luminaire Lumens: 3627.6 lumens
Efficiency: N/A
Efficacy: 145.7 lumens/watt
Spacing Criteria (0/90/45): 1.92 / 1.91 / 1.88
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 24.9
Input Voltage (V):
Input Current (A_{in}): 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: 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			
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	108	103	98	94	105	101	97	93	96	93	90		92	90	87		89	87	84	82
2	97	89	81	75	95	87	80	74	83	77	73		80	75	71		77	73	69	67
3	88	77	68	61	85	75	67	61	72	65	59		69	63	58		67	62	57	55
4	80	67	58	51	78	66	57	50	63	55	49		61	54	49		58	53	48	46
5	73	59	49	42	71	58	49	42	56	48	42		54	47	41		52	46	41	38
6	67	52	43	36	65	52	42	36	50	42	36		48	41	35		46	40	35	33
7	61	47	38	31	60	46	37	31	45	37	31		43	36	30		42	35	30	28
8	57	42	33	27	55	42	33	27	40	32	27		39	32	27		38	31	26	24
9	53	39	30	24	51	38	30	24	37	29	24		36	29	24		35	28	23	21
10	49	35	27	21	48	35	27	21	34	26	21		33	26	21		32	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2063	2063	2063
5°	2069	2077	2079
10°	2103	2117	2129
15°	2153	2186	2205
20°	2225	2280	2298
25°	2336	2413	2423
30°	2525	2634	2651
35°	2868	3057	3021
40°	3348	3671	3399
45°	3958	4130	3914
50°	4386	3996	4274
55°	4089	3848	4086
60°	3754	3592	3658
65°	3320	3133	3128
70°	2782	2507	2512
75°	2286	2051	2216
80°	2326	2315	2219
85°	2285	2751	2328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 4386 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.6	2.0
10°-20°	222.3	6.1
20°-30°	375.9	10.4
30°-40°	578.0	15.9
40°-50°	803.3	22.1
50°-60°	756.2	20.8
60°-70°	499.4	13.8
70°-80°	232.1	6.4
80°-90°	86.9	2.4
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°	671.8	18.5
0°-40°	1249.8	34.5
0°-60°	2809.3	77.4
0°-90°	3627.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3627.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	767	767	767	767	767	
5°	766	768	769	770	770	73
15°	773	776	784	790	791	219
25°	787	797	813	817	816	366
35°	873	904	930	927	920	553
45°	1040	1077	1085	1059	1028	796
55°	872	859	820	848	871	781
65°	521	517	492	500	491	518
75°	220	212	197	204	213	246
85°	74	85	89	86	75	81
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	766.7	766.7	766.7	766.7	766.7
2.5°	766.0	767.4	768.1	768.8	766.7
5°	766.0	768.1	768.8	770.1	769.5
7.5°	767.4	769.5	771.5	772.9	773.6
10°	769.5	771.5	774.9	779.0	779.0
12.5°	770.8	774.3	779.0	784.5	785.2
15°	772.9	776.3	784.5	790.0	791.4
17.5°	774.3	779.7	789.3	796.2	796.9
20°	777.0	783.2	796.2	802.3	802.3
22.5°	781.1	789.3	803.0	808.5	808.5
25°	786.6	796.9	812.6	817.4	816.0
27.5°	796.9	809.2	826.3	831.8	830.4
30°	812.6	829.1	847.6	854.4	853.0
32.5°	838.0	858.5	881.8	888.0	887.3
35°	872.9	903.8	930.5	927.0	919.5
37.5°	913.3	959.3	989.4	957.2	940.8
40°	953.1	1015.4	1044.9	992.8	967.5
42.5°	995.6	1059.3	1084.6	1033.9	998.3
45°	1040.1	1077.1	1085.3	1059.3	1028.5
47.5°	1068.2	1049.0	1031.2	1047.0	1040.8
50°	1047.6	983.2	954.5	984.6	1020.9
52.5°	969.5	922.3	888.7	916.8	962.7
55°	871.5	859.2	820.2	848.3	870.9
57.5°	781.8	791.4	748.9	770.1	773.6
60°	697.5	704.4	667.4	685.2	679.7
62.5°	611.9	612.5	583.8	594.1	585.8
65°	521.4	516.6	492.0	499.5	491.3
67.5°	436.5	425.5	402.2	405.6	398.1
70°	353.6	340.5	318.6	323.4	319.3
72.5°	279.6	269.3	250.1	256.3	260.4
75°	219.9	211.7	197.3	203.5	213.1
77.5°	182.3	172.0	173.4	169.2	176.1
80°	150.1	143.9	149.4	145.3	143.2
82.5°	111.7	117.9	119.9	122.0	111.7
85°	74.0	85.0	89.1	86.3	75.4
87.5°	36.3	45.9	47.3	46.6	39.1
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	17.7	19.5	18.1	19.8	20.1	17.6	19.3	17.9	19.6	20.0
	3H	19.0	20.6	19.4	20.9	21.3	18.7	20.3	19.1	20.6	21.0
	4H	19.4	20.9	19.8	21.2	21.6	19.1	20.6	19.5	21.0	21.3
	6H	19.7	21.1	20.2	21.5	21.9	19.5	20.9	19.9	21.2	21.6
	8H	19.9	21.2	20.3	21.6	22.0	19.6	21.0	20.1	21.4	21.7
	12H	20.0	21.3	20.4	21.7	22.1	19.8	21.0	20.2	21.4	21.9
4H	2H	18.2	19.7	18.6	20.0	20.4	18.0	19.5	18.4	19.9	20.3
	3H	19.6	20.9	20.0	21.3	21.7	19.4	20.6	19.8	21.0	21.4
	4H	20.1	21.3	20.6	21.7	22.1	19.9	21.0	20.3	21.4	21.9
	6H	20.6	21.6	21.1	22.0	22.5	20.4	21.4	20.8	21.8	22.3
	8H	20.8	21.8	21.3	22.2	22.7	20.6	21.5	21.1	22.0	22.4
	12H	21.0	21.8	21.5	22.3	22.8	20.8	21.6	21.3	22.1	22.6
8H	4H	20.3	21.2	20.8	21.7	22.1	20.1	21.0	20.5	21.5	21.9
	6H	20.9	21.7	21.4	22.2	22.7	20.7	21.5	21.2	22.0	22.5
	8H	21.2	21.9	21.7	22.4	22.9	21.1	21.8	21.6	22.3	22.7
	12H	21.5	22.2	22.0	22.6	23.2	21.4	22.0	21.9	22.5	23.0
12H	4H	20.3	21.2	20.8	21.7	22.1	20.1	21.0	20.6	21.4	21.9
	6H	21.0	21.7	21.5	22.2	22.7	20.8	21.5	21.3	22.0	22.5
	8H	21.4	22.0	21.9	22.5	23.0	21.2	21.8	21.7	22.3	22.9















(END OF REPORT)