

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: P1527257

Luminaire Tested: 22CGSB-25-A125-L935

Issue Date: 8/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1527257
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-25-A125-L935
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

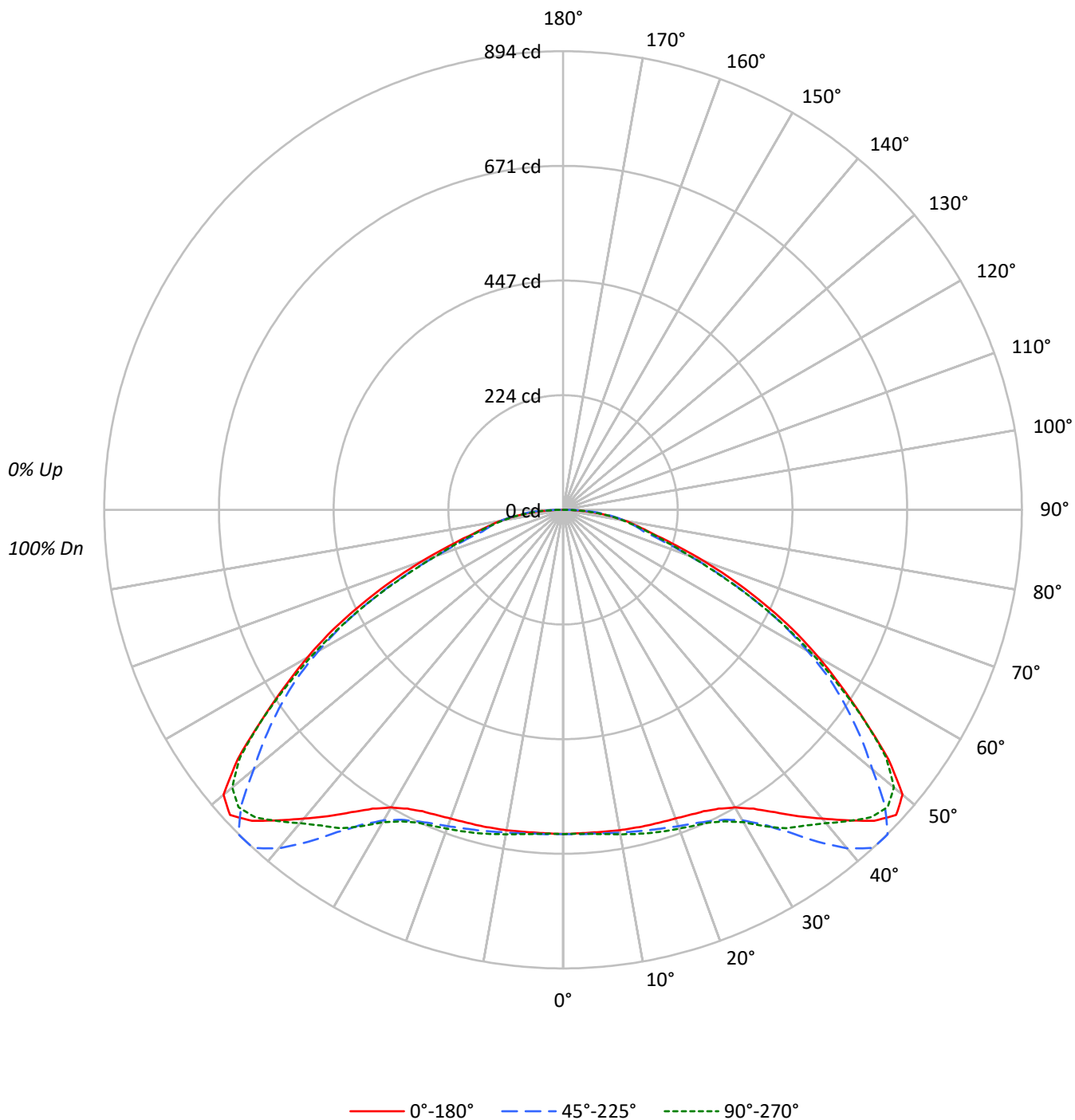
Lumens per Lamp: N/A
Luminaire Lumens: 2989.9 lumens
Efficiency: N/A
Efficacy: 146.6 lumens/watt
Spacing Criteria (0/90/45): 1.92 / 1.91 / 1.88
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	1700	1700	1700
5°	1706	1712	1713
10°	1733	1745	1755
15°	1775	1801	1817
20°	1834	1879	1894
25°	1925	1989	1997
30°	2081	2171	2185
35°	2364	2519	2490
40°	2759	3025	2801
45°	3263	3404	3226
50°	3615	3293	3522
55°	3370	3172	3368
60°	3094	2960	3015
65°	2737	2582	2578
70°	2293	2066	2071
75°	1885	1691	1826
80°	1917	1908	1829
85°	1883	2266	1917

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 50°
Luminance: 3615 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	2.0
10°-20°	183.3	6.1
20°-30°	309.8	10.4
30°-40°	476.4	15.9
40°-50°	662.1	22.1
50°-60°	623.2	20.8
60°-70°	411.6	13.8
70°-80°	191.3	6.4
80°-90°	71.6	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°	553.7	18.5
0°-40°	1030.1	34.5
0°-60°	2315.5	77.4
0°-90°	2989.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2989.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	632	632	632	632	632	
5°	631	633	634	635	634	60
15°	637	640	647	651	652	181
25°	648	657	670	674	673	302
35°	720	745	767	764	758	455
45°	857	888	894	873	848	656
55°	718	708	676	699	718	644
65°	430	426	406	412	405	427
75°	181	174	163	168	176	203
85°	61	70	73	71	62	67
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	631.9	631.9	631.9	631.9	631.9
2.5°	631.4	632.5	633.1	633.6	631.9
5°	631.4	633.1	633.6	634.8	634.2
7.5°	632.5	634.2	635.9	637.0	637.6
10°	634.2	635.9	638.7	642.1	642.1
12.5°	635.3	638.1	642.1	646.6	647.2
15°	637.0	639.8	646.6	651.1	652.3
17.5°	638.1	642.7	650.6	656.2	656.8
20°	640.4	645.5	656.2	661.3	661.3
22.5°	643.8	650.6	661.9	666.4	666.4
25°	648.3	656.8	669.8	673.7	672.6
27.5°	656.8	666.9	681.1	685.6	684.5
30°	669.8	683.3	698.6	704.2	703.1
32.5°	690.7	707.6	726.8	731.9	731.3
35°	719.5	744.9	766.9	764.1	757.9
37.5°	752.8	790.6	815.5	788.9	775.4
40°	785.5	836.9	861.2	818.3	797.4
42.5°	820.6	873.1	894.0	852.2	822.8
45°	857.3	887.8	894.5	873.1	847.7
47.5°	880.4	864.6	849.9	862.9	857.8
50°	863.5	810.4	786.7	811.5	841.4
52.5°	799.1	760.1	732.5	755.6	793.4
55°	718.3	708.2	676.0	699.1	717.8
57.5°	644.4	652.3	617.3	634.8	637.6
60°	574.9	580.5	550.0	564.7	560.2
62.5°	504.3	504.9	481.2	489.6	482.8
65°	429.8	425.8	405.5	411.7	404.9
67.5°	359.7	350.7	331.5	334.3	328.1
70°	291.4	280.7	262.6	266.6	263.2
72.5°	230.4	221.9	206.1	211.2	214.6
75°	181.3	174.5	162.6	167.7	175.6
77.5°	150.2	141.7	142.9	139.5	145.1
80°	123.7	118.6	123.1	119.7	118.0
82.5°	92.1	97.1	98.8	100.5	92.1
85°	61.0	70.0	73.4	71.2	62.1
87.5°	29.9	37.8	39.0	38.4	32.2
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	17.1	18.8	17.4	19.1	19.5	16.9	18.7	17.3	19.0	19.3
	3H	18.3	19.9	18.7	20.3	20.6	18.1	19.7	18.4	20.0	20.3
	4H	18.7	20.2	19.1	20.6	20.9	18.5	19.9	18.8	20.3	20.7
	6H	19.1	20.5	19.5	20.8	21.2	18.8	20.2	19.2	20.6	20.9
	8H	19.2	20.6	19.6	20.9	21.3	19.0	20.3	19.4	20.7	21.1
	12H	19.3	20.6	19.8	21.0	21.4	19.1	20.4	19.5	20.8	21.2
4H	2H	17.5	19.0	17.9	19.4	19.7	17.4	18.9	17.8	19.2	19.6
	3H	19.0	20.2	19.4	20.6	21.0	18.7	20.0	19.1	20.4	20.8
	4H	19.5	20.6	19.9	21.0	21.4	19.2	20.3	19.6	20.8	21.2
	6H	19.9	20.9	20.4	21.4	21.8	19.7	20.7	20.1	21.1	21.6
	8H	20.1	21.1	20.6	21.5	22.0	19.9	20.9	20.4	21.3	21.8
	12H	20.3	21.2	20.8	21.6	22.1	20.1	21.0	20.6	21.4	21.9
8H	4H	19.6	20.6	20.1	21.0	21.5	19.4	20.3	19.9	20.8	21.2
	6H	20.2	21.0	20.7	21.5	22.0	20.0	20.8	20.5	21.3	21.8
	8H	20.6	21.3	21.1	21.8	22.2	20.4	21.1	20.9	21.6	22.1
	12H	20.9	21.5	21.4	22.0	22.5	20.7	21.3	21.2	21.8	22.4
12H	4H	19.7	20.5	20.1	21.0	21.5	19.4	20.3	19.9	20.8	21.2
	6H	20.3	21.0	20.8	21.5	22.0	20.1	20.8	20.6	21.3	21.8
	8H	20.7	21.3	21.2	21.8	22.4	20.5	21.1	21.0	21.6	22.2













(END OF REPORT)