

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: P1526807

Luminaire Tested: 22CGTX-25HE-A125-L930

Issue Date: 8/21/2026

Test Information

Test Method: LM-79-2019
Report Number: P1526807
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2507-496-5)
Test Lab: INNOVATION CENTER
Issue Date: 8/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 22CGTX-25HE-A125-L930
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

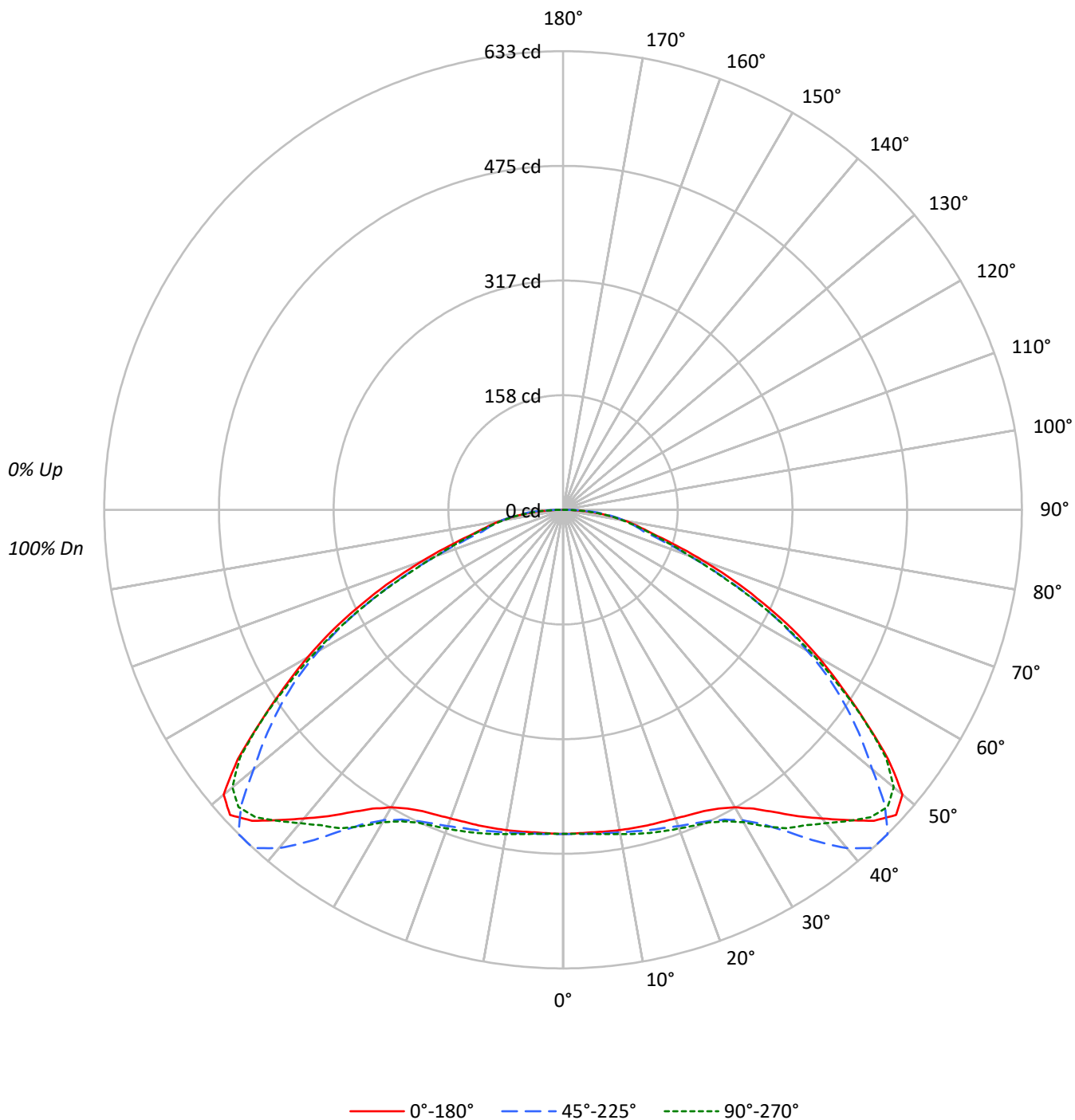
Lumens per Lamp: N/A
Luminaire Lumens: 2116.4 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Spacing Criteria (0/90/45): 1.92 / 1.91 / 1.88
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 19.2
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°	1204	1204	1204
5°	1207	1212	1213
10°	1227	1235	1242
15°	1256	1275	1286
20°	1298	1330	1340
25°	1363	1408	1414
30°	1473	1537	1546
35°	1673	1783	1762
40°	1953	2141	1983
45°	2309	2410	2283
50°	2559	2331	2493
55°	2386	2245	2384
60°	2190	2095	2134
65°	1937	1827	1825
70°	1623	1463	1466
75°	1334	1197	1292
80°	1356	1350	1294
85°	1334	1606	1359

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 2559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	2.0
10°-20°	129.7	6.1
20°-30°	219.3	10.4
30°-40°	337.2	15.9
40°-50°	468.6	22.1
50°-60°	441.2	20.8
60°-70°	291.3	13.8
70°-80°	135.4	6.4
80°-90°	50.7	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°	391.9	18.5
0°-40°	729.2	34.5
0°-60°	1639.0	77.4
0°-90°	2116.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2116.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	447	447	447	447	447	
5°	447	448	448	449	449	43
15°	451	453	458	461	462	128
25°	459	465	474	477	476	214
35°	509	527	543	541	536	322
45°	607	628	633	618	600	464
55°	508	501	478	495	508	456
65°	304	301	287	291	287	302
75°	128	124	115	119	124	144
85°	43	50	52	50	44	47
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	447.3	447.3	447.3	447.3	447.3
2.5°	446.9	447.7	448.1	448.5	447.3
5°	446.9	448.1	448.5	449.3	448.9
7.5°	447.7	448.9	450.1	450.9	451.3
10°	448.9	450.1	452.1	454.5	454.5
12.5°	449.7	451.7	454.5	457.7	458.1
15°	450.9	452.9	457.7	460.9	461.7
17.5°	451.7	454.9	460.5	464.5	464.9
20°	453.3	456.9	464.5	468.1	468.1
22.5°	455.7	460.5	468.5	471.7	471.7
25°	458.9	464.9	474.1	476.9	476.1
27.5°	464.9	472.1	482.1	485.3	484.5
30°	474.1	483.7	494.5	498.5	497.7
32.5°	488.9	500.9	514.5	518.1	517.7
35°	509.3	527.3	542.8	540.8	536.4
37.5°	532.9	559.6	577.2	558.4	548.8
40°	556.0	592.4	609.6	579.2	564.4
42.5°	580.8	618.0	632.8	603.2	582.4
45°	606.8	628.4	633.2	618.0	600.0
47.5°	623.2	612.0	601.6	610.8	607.2
50°	611.2	573.6	556.8	574.4	595.6
52.5°	565.6	538.0	518.5	534.9	561.6
55°	508.5	501.3	478.5	494.9	508.1
57.5°	456.1	461.7	436.9	449.3	451.3
60°	406.9	410.9	389.3	399.7	396.5
62.5°	357.0	357.4	340.6	346.6	341.8
65°	304.2	301.4	287.0	291.4	286.6
67.5°	254.6	248.2	234.6	236.6	232.2
70°	206.3	198.7	185.9	188.7	186.3
72.5°	163.1	157.1	145.9	149.5	151.9
75°	128.3	123.5	115.1	118.7	124.3
77.5°	106.3	100.3	101.1	98.7	102.7
80°	87.5	83.9	87.1	84.7	83.5
82.5°	65.2	68.8	70.0	71.2	65.2
85°	43.2	49.6	52.0	50.4	44.0
87.5°	21.2	26.8	27.6	27.2	22.8
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	15.9	17.6	16.2	17.9	18.3	15.7	17.5	16.1	17.8	18.1
	3H	17.1	18.7	17.5	19.1	19.4	16.9	18.5	17.2	18.8	19.1
	4H	17.5	19.0	17.9	19.4	19.7	17.3	18.7	17.6	19.1	19.5
	6H	17.9	19.3	18.3	19.6	20.0	17.6	19.0	18.0	19.4	19.7
	8H	18.0	19.4	18.4	19.7	20.1	17.8	19.1	18.2	19.5	19.9
	12H	18.1	19.4	18.6	19.8	20.2	17.9	19.2	18.3	19.6	20.0
4H	2H	16.3	17.8	16.7	18.2	18.5	16.2	17.7	16.6	18.0	18.4
	3H	17.8	19.0	18.2	19.4	19.8	17.5	18.8	17.9	19.2	19.6
	4H	18.3	19.4	18.7	19.8	20.2	18.0	19.1	18.4	19.5	20.0
	6H	18.7	19.7	19.2	20.2	20.6	18.5	19.5	18.9	19.9	20.4
	8H	18.9	19.9	19.4	20.3	20.8	18.7	19.7	19.2	20.1	20.6
	12H	19.1	20.0	19.6	20.4	20.9	18.9	19.8	19.4	20.2	20.7
8H	4H	18.4	19.4	18.9	19.8	20.3	18.2	19.1	18.7	19.6	20.0
	6H	19.0	19.8	19.5	20.3	20.8	18.8	19.6	19.3	20.1	20.6
	8H	19.4	20.1	19.9	20.6	21.0	19.2	19.9	19.7	20.4	20.9
	12H	19.7	20.3	20.2	20.8	21.3	19.5	20.1	20.0	20.6	21.2
12H	4H	18.5	19.3	18.9	19.8	20.3	18.2	19.1	18.7	19.6	20.0
	6H	19.1	19.8	19.6	20.3	20.8	18.9	19.6	19.4	20.1	20.6
	8H	19.5	20.1	20.0	20.6	21.2	19.3	19.9	19.8	20.4	21.0















(END OF REPORT)