

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: P1527303

Luminaire Tested: 22CGSB-60-A125-L840

Issue Date: 8/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1527303
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-60-A125-L840
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

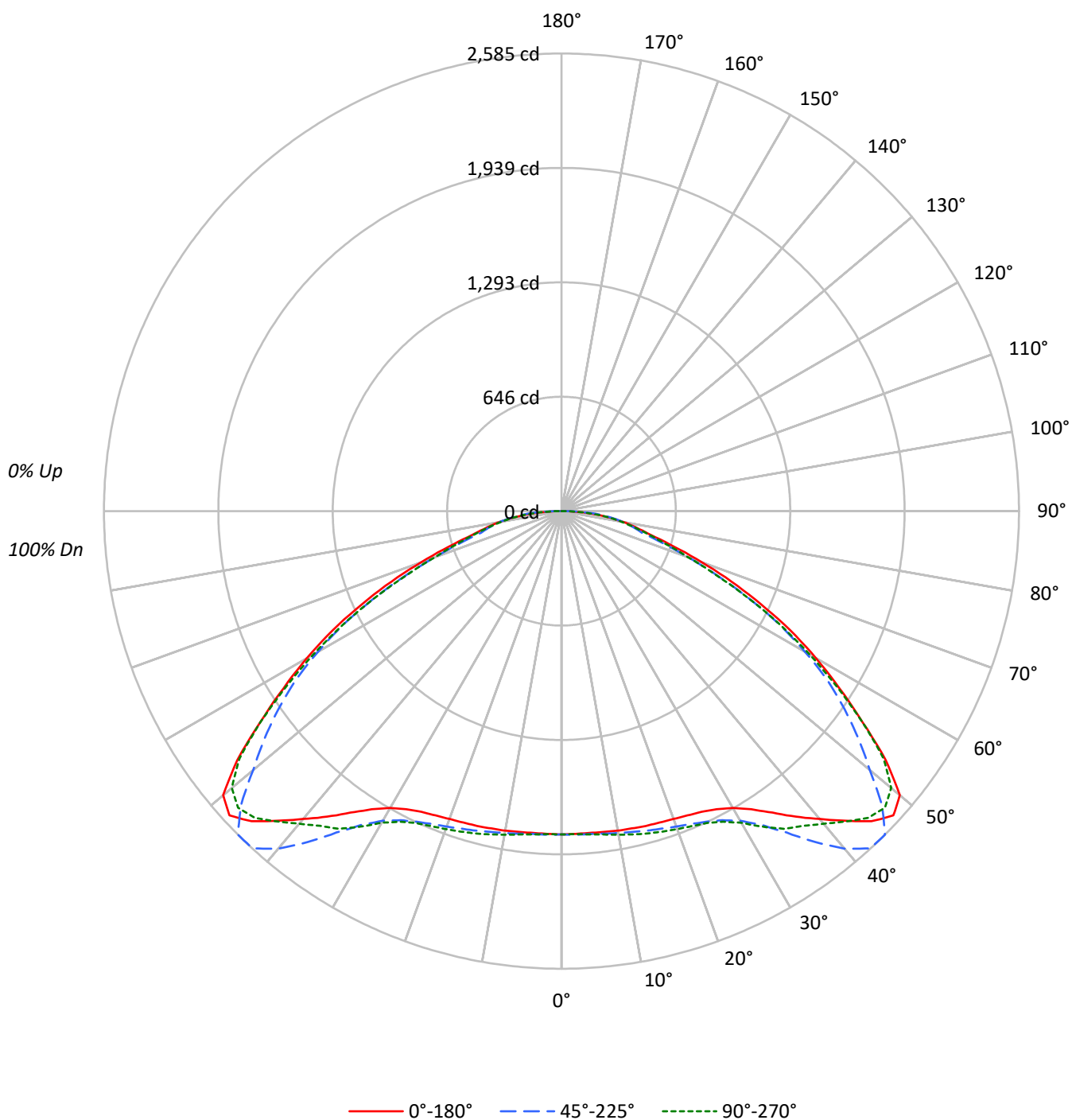
Lumens per Lamp: N/A
Luminaire Lumens: 8639.9 lumens
Efficiency: N/A
Efficacy: 161.2 lumens/watt
Spacing Criteria (0/90/45): 1.92 / 1.91 / 1.88
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 53.6
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	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°	4914	4914	4914
5°	4928	4946	4950
10°	5008	5043	5070
15°	5128	5205	5251
20°	5300	5430	5472
25°	5562	5747	5771
30°	6014	6273	6313
35°	6830	7280	7194
40°	7974	8742	8094
45°	9427	9837	9322
50°	10446	9517	10179
55°	9739	9165	9731
60°	8941	8555	8712
65°	7908	7461	7450
70°	6626	5970	5984
75°	5446	4887	5277
80°	5539	5514	5286
85°	5440	6549	5542

MAXIMUM LUMINANCE 45°-90°:

Luminance: 10446 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.2	2.0
10°-20°	529.5	6.1
20°-30°	895.3	10.4
30°-40°	1376.7	15.9
40°-50°	1913.2	22.1
50°-60°	1801.0	20.8
60°-70°	1189.4	13.8
70°-80°	552.7	6.4
80°-90°	206.9	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°	1600.1	18.5
0°-40°	2976.7	34.5
0°-60°	6690.9	77.4
0°-90°	8639.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8639.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1826	1826	1826	1826	1826	
5°	1824	1829	1831	1834	1833	174
15°	1841	1849	1868	1882	1885	522
25°	1873	1898	1935	1947	1944	872
35°	2079	2152	2216	2208	2190	1316
45°	2477	2565	2585	2523	2450	1895
55°	2076	2046	1953	2020	2074	1860
65°	1242	1230	1172	1190	1170	1233
75°	524	504	470	485	508	586
85°	176	202	212	206	180	192
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1826.1	1826.1	1826.1	1826.1	1826.1
2.5°	1824.5	1827.7	1829.4	1831.0	1826.1
5°	1824.5	1829.4	1831.0	1834.3	1832.6
7.5°	1827.7	1832.6	1837.5	1840.8	1842.4
10°	1832.6	1837.5	1845.7	1855.5	1855.5
12.5°	1835.9	1844.1	1855.5	1868.5	1870.2
15°	1840.8	1848.9	1868.5	1881.6	1884.8
17.5°	1844.1	1857.1	1880.0	1896.3	1897.9
20°	1850.6	1865.3	1896.3	1911.0	1911.0
22.5°	1860.4	1880.0	1912.6	1925.6	1925.6
25°	1873.4	1897.9	1935.4	1946.9	1943.6
27.5°	1897.9	1927.3	1968.1	1981.1	1977.9
30°	1935.4	1974.6	2018.7	2035.0	2031.7
32.5°	1995.8	2044.8	2100.3	2114.9	2113.3
35°	2079.0	2152.5	2216.1	2208.0	2190.0
37.5°	2175.3	2284.7	2356.5	2279.8	2240.6
40°	2270.0	2418.5	2488.7	2364.6	2304.2
42.5°	2371.2	2522.9	2583.3	2462.5	2377.7
45°	2477.2	2565.4	2584.9	2522.9	2449.5
47.5°	2544.1	2498.4	2456.0	2493.5	2478.9
50°	2495.2	2341.8	2273.2	2345.0	2431.5
52.5°	2309.1	2196.5	2116.6	2183.5	2292.8
55°	2075.8	2046.4	1953.4	2020.3	2074.1
57.5°	1862.0	1884.8	1783.7	1834.3	1842.4
60°	1661.3	1677.6	1589.5	1631.9	1618.8
62.5°	1457.3	1458.9	1390.4	1414.9	1395.3
65°	1241.9	1230.5	1171.7	1189.7	1170.1
67.5°	1039.5	1013.4	957.9	966.1	948.1
70°	842.1	811.1	758.8	770.3	760.5
72.5°	665.8	641.3	595.6	610.3	620.1
75°	523.8	504.3	470.0	484.7	507.5
77.5°	434.1	409.6	412.9	403.1	419.4
80°	357.4	342.7	355.8	346.0	341.1
82.5°	266.0	280.7	285.6	290.5	266.0
85°	176.2	202.4	212.1	205.6	179.5
87.5°	86.5	109.3	112.6	111.0	93.0
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	20.8	22.5	21.1	22.8	23.1	20.6	22.3	21.0	22.7	23.0
	3H	22.0	23.6	22.4	23.9	24.3	21.8	23.3	22.1	23.7	24.0
	4H	22.4	23.9	22.8	24.3	24.6	22.1	23.6	22.5	24.0	24.4
	6H	22.8	24.2	23.2	24.5	24.9	22.5	23.9	22.9	24.2	24.6
	8H	22.9	24.2	23.3	24.6	25.0	22.6	24.0	23.1	24.4	24.8
	12H	23.0	24.3	23.5	24.7	25.1	22.8	24.1	23.2	24.4	24.9
4H	2H	21.2	22.7	21.6	23.0	23.4	21.1	22.6	21.5	22.9	23.3
	3H	22.6	23.9	23.1	24.3	24.7	22.4	23.7	22.8	24.1	24.5
	4H	23.1	24.3	23.6	24.7	25.1	22.9	24.0	23.3	24.4	24.9
	6H	23.6	24.6	24.1	25.1	25.5	23.4	24.4	23.8	24.8	25.3
	8H	23.8	24.8	24.3	25.2	25.7	23.6	24.5	24.1	25.0	25.4
	12H	24.0	24.9	24.5	25.3	25.8	23.8	24.7	24.3	25.1	25.6
8H	4H	23.3	24.3	23.8	24.7	25.2	23.1	24.0	23.6	24.5	24.9
	6H	23.9	24.7	24.4	25.2	25.7	23.7	24.5	24.2	25.0	25.5
	8H	24.2	24.9	24.8	25.5	25.9	24.1	24.8	24.6	25.3	25.8
	12H	24.5	25.2	25.0	25.7	26.2	24.4	25.0	24.9	25.5	26.1
12H	4H	23.4	24.2	23.8	24.7	25.1	23.1	24.0	23.6	24.4	24.9
	6H	24.0	24.7	24.5	25.2	25.7	23.8	24.5	24.3	25.0	25.5
	8H	24.4	25.0	24.9	25.5	26.0	24.2	24.8	24.7	25.3	25.9















(END OF REPORT)