

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: P1527305

Luminaire Tested: 22CGSB-60-A125-L930

Issue Date: 8/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1527305
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-L930
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

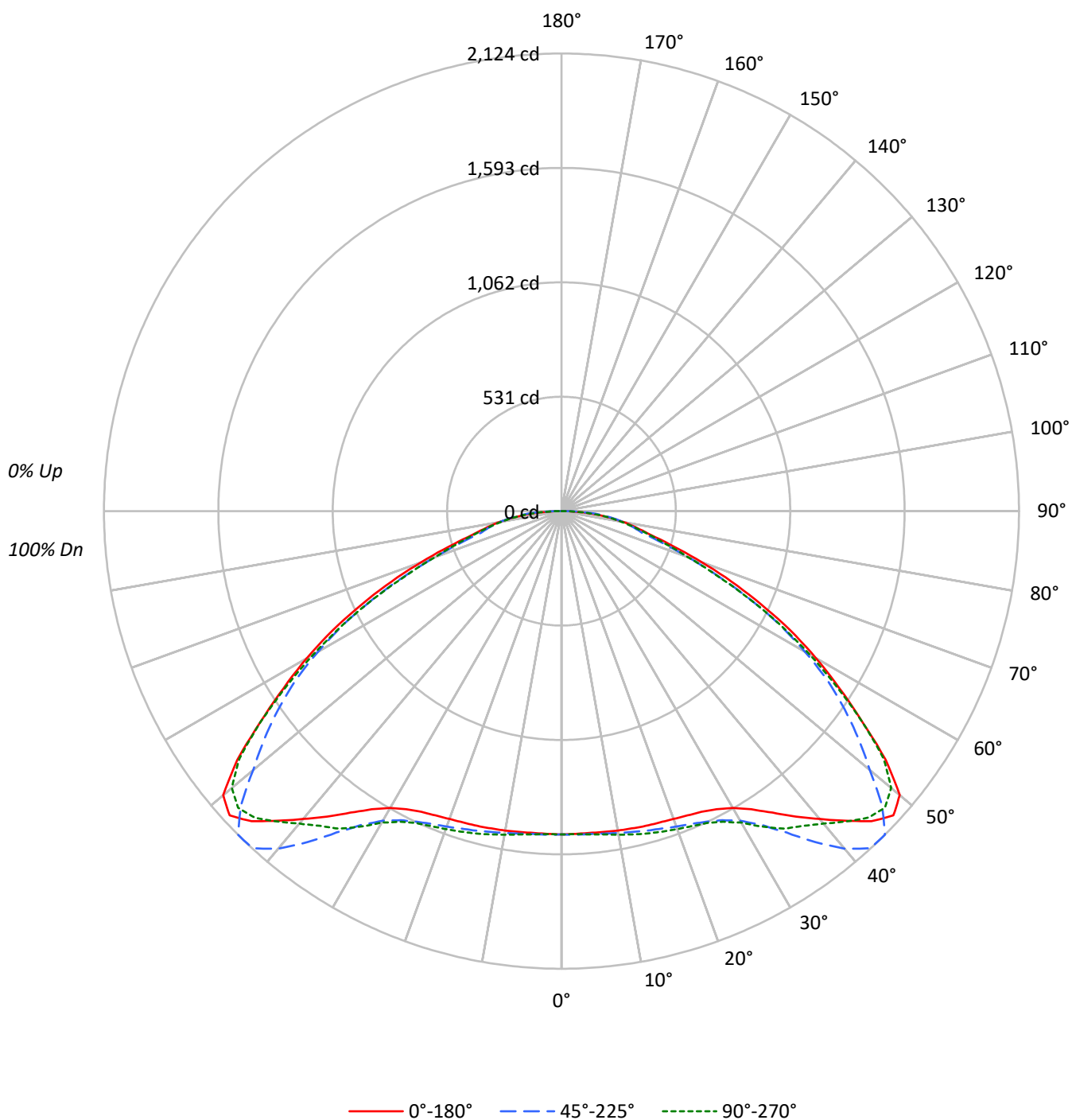
Lumens per Lamp: N/A
Luminaire Lumens: 7098.5 lumens
Efficiency: N/A
Efficacy: 132.4 lumens/watt
Spacing Criteria (0/90/45): 1.92 / 1.91 / 1.88
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

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	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°	4037	4037	4037
5°	4049	4064	4067
10°	4114	4144	4165
15°	4213	4277	4314
20°	4354	4462	4496
25°	4570	4721	4741
30°	4941	5153	5187
35°	5611	5981	5911
40°	6551	7183	6650
45°	7746	8082	7659
50°	8582	7819	8363
55°	8001	7530	7995
60°	7346	7028	7158
65°	6497	6130	6121
70°	5443	4906	4916
75°	4475	4014	4336
80°	4550	4530	4342
85°	4471	5382	4554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 8582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.0	2.0
10°-20°	435.1	6.1
20°-30°	735.6	10.4
30°-40°	1131.1	15.9
40°-50°	1571.9	22.1
50°-60°	1479.7	20.8
60°-70°	977.2	13.8
70°-80°	454.1	6.4
80°-90°	170.0	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°	1314.6	18.5
0°-40°	2445.7	34.5
0°-60°	5497.3	77.4
0°-90°	7098.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7098.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1500	1500	1500	1500	1500	
5°	1499	1503	1504	1507	1506	143
15°	1512	1519	1535	1546	1549	429
25°	1539	1559	1590	1600	1597	716
35°	1708	1768	1821	1814	1799	1081
45°	2035	2108	2124	2073	2012	1557
55°	1705	1681	1605	1660	1704	1528
65°	1020	1011	963	977	961	1013
75°	430	414	386	398	417	482
85°	145	166	174	169	148	158
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1500.3	1500.3	1500.3	1500.3	1500.3
2.5°	1499.0	1501.7	1503.0	1504.3	1500.3
5°	1499.0	1503.0	1504.3	1507.0	1505.7
7.5°	1501.7	1505.7	1509.7	1512.4	1513.7
10°	1505.7	1509.7	1516.4	1524.4	1524.4
12.5°	1508.4	1515.1	1524.4	1535.2	1536.5
15°	1512.4	1519.1	1535.2	1545.9	1548.6
17.5°	1515.1	1525.8	1544.6	1558.0	1559.3
20°	1520.4	1532.5	1558.0	1570.0	1570.0
22.5°	1528.5	1544.6	1571.4	1582.1	1582.1
25°	1539.2	1559.3	1590.1	1599.5	1596.8
27.5°	1559.3	1583.4	1617.0	1627.7	1625.0
30°	1590.1	1622.3	1658.5	1671.9	1669.2
32.5°	1639.8	1680.0	1725.6	1737.6	1736.3
35°	1708.1	1768.5	1820.8	1814.1	1799.3
37.5°	1787.2	1877.1	1936.1	1873.0	1840.9
40°	1865.0	1987.0	2044.7	1942.8	1893.2
42.5°	1948.1	2072.8	2122.4	2023.2	1953.5
45°	2035.3	2107.7	2123.8	2072.8	2012.5
47.5°	2090.2	2052.7	2017.8	2048.7	2036.6
50°	2050.0	1924.0	1867.7	1926.7	1997.7
52.5°	1897.2	1804.7	1739.0	1793.9	1883.8
55°	1705.4	1681.3	1604.9	1659.9	1704.1
57.5°	1529.8	1548.6	1465.5	1507.0	1513.7
60°	1364.9	1378.3	1305.9	1340.8	1330.0
62.5°	1197.3	1198.6	1142.3	1162.4	1146.4
65°	1020.3	1010.9	962.7	977.4	961.3
67.5°	854.1	832.6	787.0	793.7	779.0
70°	691.8	666.4	623.5	632.8	624.8
72.5°	547.0	526.9	489.4	501.4	509.5
75°	430.4	414.3	386.1	398.2	417.0
77.5°	356.6	336.5	339.2	331.2	344.6
80°	293.6	281.6	292.3	284.2	280.2
82.5°	218.5	230.6	234.6	238.7	218.5
85°	144.8	166.3	174.3	168.9	147.5
87.5°	71.1	89.8	92.5	91.2	76.4
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	20.1	21.8	20.4	22.1	22.5	19.9	21.7	20.3	22.0	22.3
	3H	21.3	22.9	21.7	23.3	23.6	21.1	22.7	21.4	23.0	23.3
	4H	21.7	23.2	22.1	23.6	24.0	21.5	23.0	21.9	23.3	23.7
	6H	22.1	23.5	22.5	23.8	24.2	21.8	23.2	22.2	23.6	23.9
	8H	22.2	23.6	22.7	23.9	24.3	22.0	23.3	22.4	23.7	24.1
	12H	22.3	23.6	22.8	24.0	24.4	22.1	23.4	22.5	23.8	24.2
4H	2H	20.5	22.0	20.9	22.4	22.7	20.4	21.9	20.8	22.2	22.6
	3H	22.0	23.2	22.4	23.6	24.0	21.7	23.0	22.1	23.4	23.8
	4H	22.5	23.6	22.9	24.0	24.4	22.2	23.3	22.6	23.8	24.2
	6H	22.9	23.9	23.4	24.4	24.8	22.7	23.7	23.2	24.1	24.6
	8H	23.2	24.1	23.6	24.5	25.0	22.9	23.9	23.4	24.3	24.8
	12H	23.3	24.2	23.8	24.7	25.1	23.1	24.0	23.6	24.5	24.9
8H	4H	22.6	23.6	23.1	24.0	24.5	22.4	23.3	22.9	23.8	24.3
	6H	23.3	24.0	23.7	24.5	25.0	23.0	23.8	23.5	24.3	24.8
	8H	23.6	24.3	24.1	24.8	25.3	23.4	24.1	23.9	24.6	25.1
	12H	23.9	24.5	24.4	25.0	25.5	23.7	24.3	24.2	24.8	25.4
12H	4H	22.7	23.5	23.2	24.0	24.5	22.5	23.3	22.9	23.8	24.2
	6H	23.3	24.0	23.8	24.5	25.0	23.1	23.8	23.6	24.3	24.8
	8H	23.7	24.3	24.2	24.8	25.4	23.5	24.2	24.0	24.6	25.2















(END OF REPORT)