

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: P1584133

Luminaire Tested: 14CGSB-60-A125-L935

Issue Date: 9/3/2026

Test Information

Test Method: LM-79-2019
Report Number: P1584133
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P1527173)
Test Lab: INNOVATION CENTER
Issue Date: 9/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 14CGSB-60-A125-L935
Description: CGTX with A125 Lens Option

Light Source:
Ballast/Driver: -

Summary

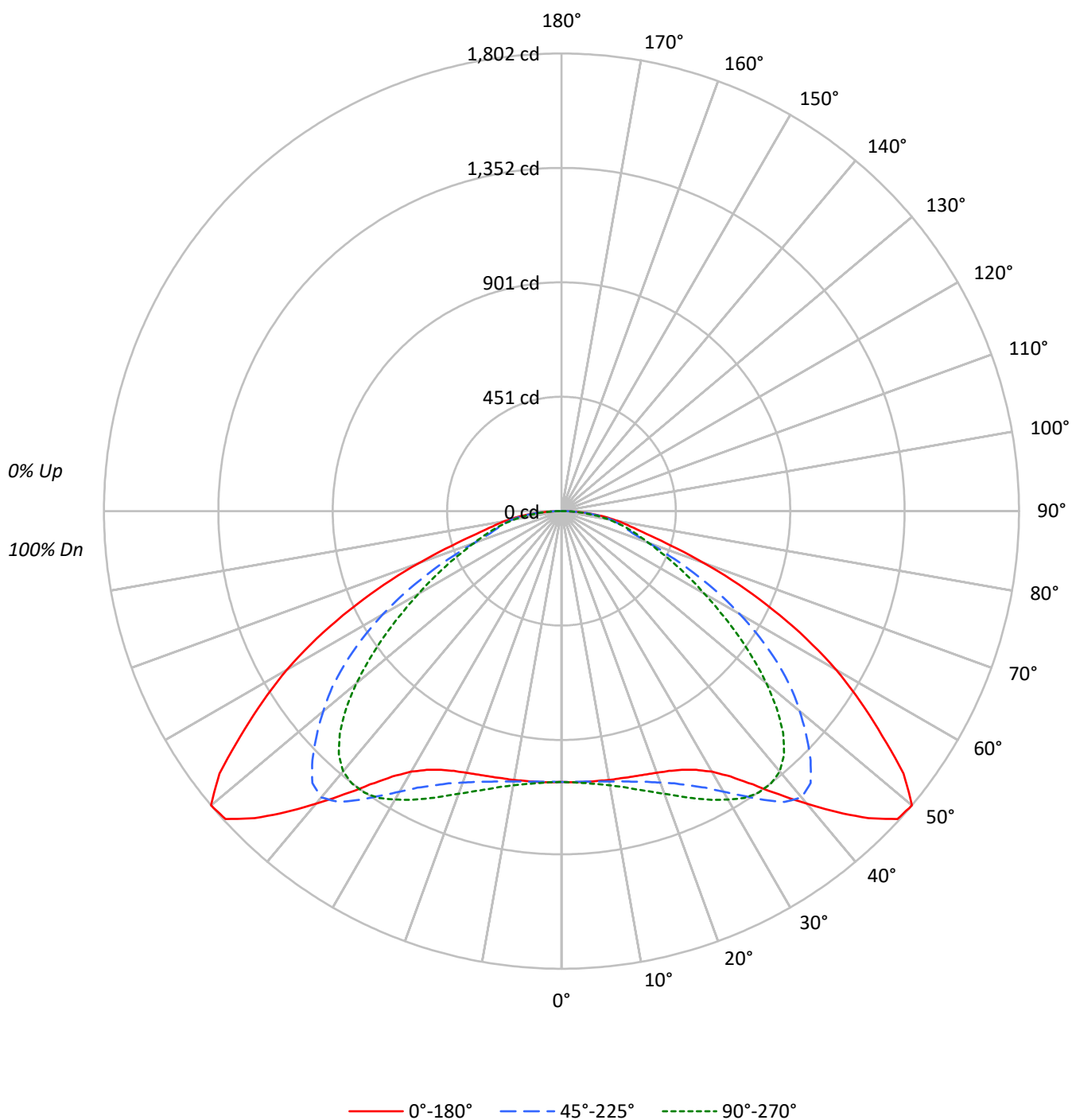
Lumens per Lamp: N/A
Luminaire Lumens: 4994.2 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Spacing Criteria (0/90/45): 2.23 / 1.81 / 1.81
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 68.3
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	99	95	105	101	97	93	97	93	90		93	90	87		89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	73		80	76	72		77	73	70	68
3	89	77	69	62	86	76	68	61	73	66	60		70	64	59		67	62	58	56
4	80	68	58	51	78	66	58	51	64	56	50		61	55	50		59	54	49	47
5	73	60	50	43	71	59	50	43	56	49	43		54	48	42		53	46	42	39
6	67	53	44	37	65	52	43	37	50	42	36		49	42	36		47	41	36	34
7	62	48	38	32	60	47	38	32	45	37	32		44	37	31		42	36	31	29
8	57	43	34	28	56	42	34	28	41	33	28		40	33	28		39	32	27	25
9	53	39	31	25	52	39	30	25	37	30	24		36	29	24		35	29	24	22
10	50	36	28	22	48	35	27	22	34	27	22		33	27	22		32	26	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2869	2869	2869
5°	2891	2887	2903
10°	2937	2953	2995
15°	3014	3072	3159
20°	3139	3256	3392
25°	3336	3536	3707
30°	3680	3962	4073
35°	4315	4560	4445
40°	5282	5170	4698
45°	6504	5282	4697
50°	7544	5129	4412
55°	7236	4863	3968
60°	6723	4364	3495
65°	5856	3655	3131
70°	4685	2873	2873
75°	3594	2724	2853
80°	3529	3146	2906
85°	3545	3486	2844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 7544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.6	2.1
10°-20°	314.8	6.3
20°-30°	554.0	11.1
30°-40°	858.2	17.2
40°-50°	1093.4	21.9
50°-60°	994.8	19.9
60°-70°	645.1	12.9
70°-80°	313.8	6.3
80°-90°	117.5	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°	971.4	19.5
0°-40°	1829.7	36.6
0°-60°	3917.8	78.4
0°-90°	4994.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4994.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1066	1066	1066	1066	1066	
5°	1070	1072	1069	1071	1075	102
15°	1082	1089	1103	1123	1134	307
25°	1123	1147	1191	1233	1249	524
35°	1314	1370	1388	1365	1353	837
45°	1709	1604	1388	1267	1234	1313
55°	1542	1353	1036	893	846	1377
65°	920	815	574	498	492	911
75°	346	316	262	250	274	392
85°	115	125	113	103	92	125
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1066.3	1066.3	1066.3	1066.3	1066.3
2.5°	1068.3	1069.6	1066.3	1067.0	1068.9
5°	1070.2	1071.5	1068.9	1070.9	1074.8
7.5°	1071.5	1074.1	1074.1	1078.7	1083.8
10°	1074.8	1077.4	1080.6	1089.7	1096.2
12.5°	1077.4	1081.9	1089.7	1104.6	1111.7
15°	1081.9	1089.0	1102.7	1123.4	1133.8
17.5°	1087.7	1098.1	1117.6	1144.8	1157.1
20°	1096.2	1109.8	1137.0	1169.5	1184.4
22.5°	1107.2	1125.4	1160.4	1198.6	1214.9
25°	1123.4	1146.8	1190.9	1233.0	1248.6
27.5°	1148.1	1177.2	1227.8	1270.0	1281.7
30°	1184.4	1220.7	1275.2	1304.4	1310.9
32.5°	1238.2	1284.9	1328.4	1338.1	1339.4
35°	1313.5	1370.5	1388.0	1365.3	1353.0
37.5°	1405.6	1469.1	1443.2	1375.7	1353.7
40°	1503.5	1555.4	1471.7	1367.3	1337.5
42.5°	1607.3	1604.7	1452.3	1330.3	1297.9
45°	1709.1	1604.0	1388.0	1266.8	1234.3
47.5°	1794.7	1555.4	1308.3	1188.3	1150.0
50°	1801.9	1491.8	1225.2	1092.9	1054.0
52.5°	1698.1	1428.9	1137.7	994.3	949.6
55°	1542.4	1353.0	1036.5	893.1	845.8
57.5°	1395.2	1253.8	926.2	788.7	742.0
60°	1249.2	1126.0	810.8	687.5	649.3
62.5°	1087.7	977.5	692.7	587.0	566.9
65°	919.7	814.7	574.0	497.5	491.7
67.5°	756.9	660.3	460.5	413.2	420.3
70°	595.4	521.5	365.2	354.1	365.2
72.5°	452.7	411.2	297.1	299.7	317.8
75°	345.7	316.5	262.0	249.7	274.4
77.5°	277.0	258.2	232.2	214.0	232.2
80°	227.7	223.1	203.0	181.6	187.5
82.5°	171.9	175.1	159.6	148.5	141.4
85°	114.8	125.2	112.9	103.1	92.1
87.5°	57.7	70.1	59.7	53.2	47.3
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	20.0	21.7	20.4	22.1	22.4	16.6	18.3	16.9	18.6	18.9
	3H	21.3	22.9	21.7	23.2	23.5	17.9	19.4	18.2	19.7	20.1
	4H	21.7	23.1	22.1	23.5	23.9	18.4	19.9	18.8	20.2	20.6
	6H	22.0	23.3	22.4	23.7	24.1	19.0	20.3	19.4	20.7	21.1
	8H	22.1	23.4	22.5	23.8	24.2	19.2	20.5	19.6	20.9	21.3
	12H	22.2	23.4	22.6	23.8	24.3	19.4	20.6	19.8	21.0	21.4
4H	2H	20.2	21.7	20.6	22.0	22.4	17.2	18.7	17.6	19.1	19.4
	3H	21.6	22.9	22.1	23.3	23.7	18.7	19.9	19.1	20.3	20.7
	4H	22.1	23.2	22.6	23.6	24.1	19.4	20.5	19.8	20.9	21.3
	6H	22.6	23.6	23.0	24.0	24.4	20.0	21.0	20.5	21.5	21.9
	8H	22.8	23.7	23.2	24.1	24.6	20.3	21.3	20.8	21.7	22.2
	12H	23.0	23.8	23.4	24.3	24.7	20.6	21.4	21.1	21.9	22.4
8H	4H	22.2	23.1	22.7	23.6	24.0	19.7	20.6	20.2	21.1	21.5
	6H	22.8	23.6	23.3	24.1	24.5	20.5	21.3	21.0	21.8	22.3
	8H	23.1	23.8	23.6	24.3	24.8	20.9	21.6	21.5	22.1	22.6
	12H	23.4	24.0	23.9	24.5	25.0	21.3	21.9	21.8	22.4	23.0
12H	4H	22.2	23.1	22.7	23.5	24.0	19.8	20.6	20.2	21.1	21.5
	6H	22.9	23.5	23.4	24.0	24.5	20.7	21.4	21.2	21.8	22.4
	8H	23.2	23.8	23.7	24.3	24.9	21.1	21.8	21.6	22.2	22.8















(END OF REPORT)