Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1555032

Luminaire Tested: 24CGTS-L3C3 4000 - MEDIUM

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1555032
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2605-801-3)
Test Lab:	INNOVATION CENTER
Issue Date:	9/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	24CGTS-L3C3 4000 - MEDIUM
Description:	CGT Selectable Lumens and CCT, Backlit Panel, 2x4 4000 MEDIUM
Light Source:	
Ballast/Driver:	-

Summary

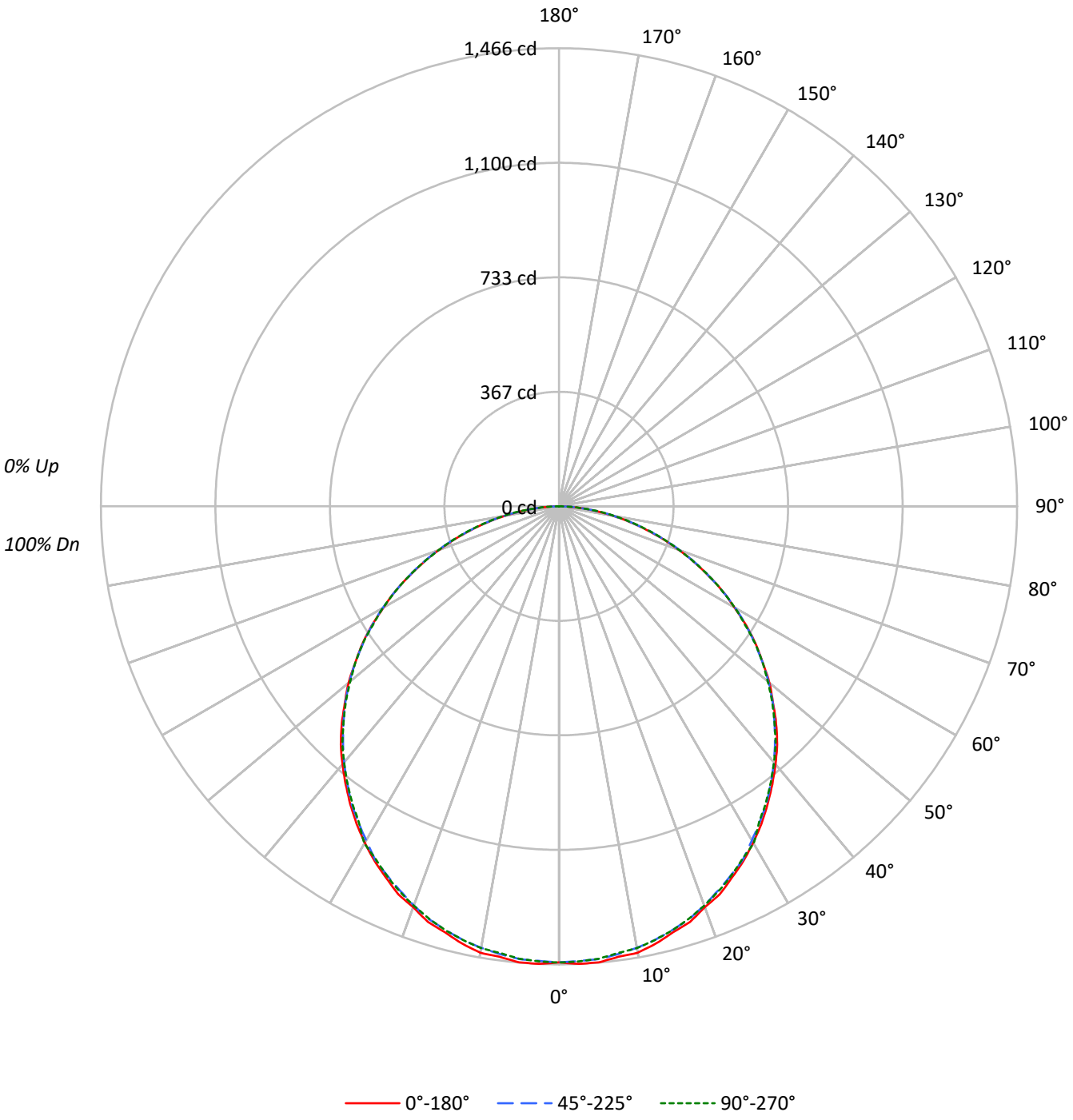
Lumens per Lamp:	N/A
Luminaire Lumens:	4225.0 lumens
Efficiency:	N/A
Efficacy:	143.7 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.26 / 1.38
Luminous Opening:	Rectangular (W 2' x L: 4' x H: 0')
CIE Type:	Direct
Input Watts (W):	29.4
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	28.75 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			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	109	104	99	95	106	101	97	94	97	94	91	93	90	88	90	87	85	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1964	1964	1964
5°	1979	1964	1963
10°	1982	1961	1962
15°	1966	1955	1956
20°	1954	1946	1947
25°	1946	1934	1936
30°	1931	1917	1935
35°	1912	1903	1898
40°	1894	1880	1880
45°	1870	1854	1854
50°	1840	1833	1825
55°	1803	1796	1799
60°	1745	1754	1752
65°	1687	1690	1692
70°	1608	1618	1612
75°	1505	1519	1528
80°	1359	1387	1414
85°	1178	1232	1232

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1870 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.3	3.3
10°-20°	396.5	9.4
20°-30°	601.4	14.2
30°-40°	725.0	17.2
40°-50°	754.5	17.9
50°-60°	684.2	16.2
60°-70°	525.4	12.4
70°-80°	309.3	7.3
80°-90°	90.4	2.1
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°	1136.2	26.9
0°-40°	1861.2	44.1
0°-60°	3299.9	78.1
0°-90°	4225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4225.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1460	1460	1460	1460	1460	
5°	1465	1461	1454	1452	1454	139
15°	1411	1405	1404	1403	1404	399
25°	1311	1306	1303	1303	1304	604
35°	1164	1162	1159	1156	1155	728
45°	982	981	975	976	975	757
55°	768	768	766	764	767	685
65°	530	530	531	530	532	524
75°	290	290	292	296	294	307
85°	76	77	80	81	80	87
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	*1459.7*	1459.7	1459.7	1459.7	1459.7
2.5°	*1465.8*	*1460.6*	*1456.2*	*1455.3*	*1457.9*
5°	*1464.9*	1461.4	1454.4	1451.8	1453.5
7.5°	*1454.4*	1450.0	1445.6	1443.9	1442.1
10°	*1450.9*	1438.6	1435.1	1433.4	1436.0
12.5°	*1433.4*	1424.6	1421.1	1420.2	1421.1
15°	*1411.4*	1405.3	1403.5	1402.7	1404.4
17.5°	*1394.8*	1383.4	1385.1	1379.9	1383.4
20°	*1364.9*	1361.4	1358.8	1358.8	1359.7
22.5°	*1343.9*	1336.0	1330.7	1331.6	1333.4
25°	*1310.6*	1306.2	1302.7	1302.7	1304.4
27.5°	*1279.0*	1272.0	1274.6	1270.2	1272.0
30°	*1243.0*	1237.7	1234.2	1235.1	1245.6
32.5°	*1205.3*	1200.9	1196.5	1197.4	1193.9
35°	*1164.1*	1162.3	1158.8	1156.2	1155.3
37.5°	*1121.1*	1119.3	1113.2	1114.1	1113.2
40°	*1078.1*	1074.6	1070.2	1072.0	1070.2
42.5°	*1033.4*	1029.0	1022.8	1029.0	1026.3
45°	*982.5*	980.7	974.6	976.3	974.6
47.5°	*929.0*	929.8	927.2	928.1	925.5
50°	*879.0*	878.1	875.5	874.6	871.9
52.5°	*821.9*	822.8	821.1	820.2	821.1
55°	*768.4*	768.4	765.8	764.1	766.7
57.5°	*710.5*	708.8	709.7	707.9	706.2
60°	*648.3*	649.1	651.8	648.3	650.9
62.5°	*592.1*	593.0	591.2	591.2	591.2
65°	*529.8*	529.8	530.7	529.8	531.6
67.5°	*469.3*	472.8	471.9	470.2	469.3
70°	*408.8*	411.4	411.4	410.5	409.7
72.5°	*348.3*	349.1	351.8	352.6	352.6
75°	*289.5*	289.5	292.1	295.6	293.9
77.5°	*232.5*	233.3	235.1	236.8	236.0
80°	*175.4*	178.1	179.0	180.7	182.5
82.5°	*123.7*	126.3	127.2	129.0	131.6
85°	*76.3*	77.2	79.8	80.7	79.8
87.5°	*32.5*	33.3	36.0	39.5	38.6
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	14.2	15.9	14.6	16.2	16.5	14.2	15.8	14.6	16.2	16.5
	3H	16.0	17.5	16.4	17.9	18.2	16.0	17.5	16.4	17.9	18.2
	4H	16.7	18.2	17.1	18.5	18.9	16.8	18.2	17.2	18.5	18.9
	6H	17.3	18.6	17.7	18.9	19.3	17.3	18.6	17.7	19.0	19.4
	8H	17.4	18.7	17.9	19.1	19.5	17.5	18.7	17.9	19.1	19.5
	12H	17.5	18.7	18.0	19.1	19.6	17.6	18.8	18.0	19.2	19.6
4H	2H	14.8	16.3	15.2	16.6	17.0	14.8	16.2	15.2	16.6	17.0
	3H	16.9	18.1	17.3	18.5	18.9	16.9	18.1	17.3	18.5	18.9
	4H	17.7	18.8	18.2	19.2	19.7	17.8	18.8	18.2	19.3	19.7
	6H	18.4	19.3	18.9	19.8	20.2	18.4	19.4	18.9	19.8	20.3
	8H	18.6	19.5	19.1	19.9	20.4	18.7	19.6	19.1	20.0	20.5
	12H	18.8	19.6	19.3	20.0	20.5	18.9	19.6	19.3	20.1	20.6
8H	4H	18.1	19.0	18.5	19.4	19.9	18.1	19.0	18.6	19.4	19.9
	6H	18.9	19.6	19.4	20.1	20.6	18.9	19.6	19.4	20.1	20.6
	8H	19.2	19.8	19.7	20.3	20.8	19.2	19.9	19.7	20.4	20.9
	12H	19.4	20.0	19.9	20.5	21.0	19.5	20.1	20.0	20.6	21.1
12H	4H	18.1	18.9	18.6	19.4	19.9	18.1	18.9	18.6	19.4	19.9
	6H	18.9	19.6	19.5	20.1	20.6	19.0	19.6	19.5	20.1	20.6
	8H	19.3	19.9	19.8	20.4	20.9	19.3	19.9	19.9	20.4	21.0

(END OF REPORT)