

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: P1555012

Luminaire Tested: 14CGTS-L3C39 4000 - HIGH

Issue Date: 9/2/2026

Test Information

Test Method: LM-79-2019
Report Number: P1555012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2605-800-3)
Test Lab: INNOVATION CENTER
Issue Date: 9/2/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 14CGTS-L3C39 4000 - HIGH
Description: OPP Panel 1x4 4000 HIGH

Light Source:
Ballast/Driver: -

Summary

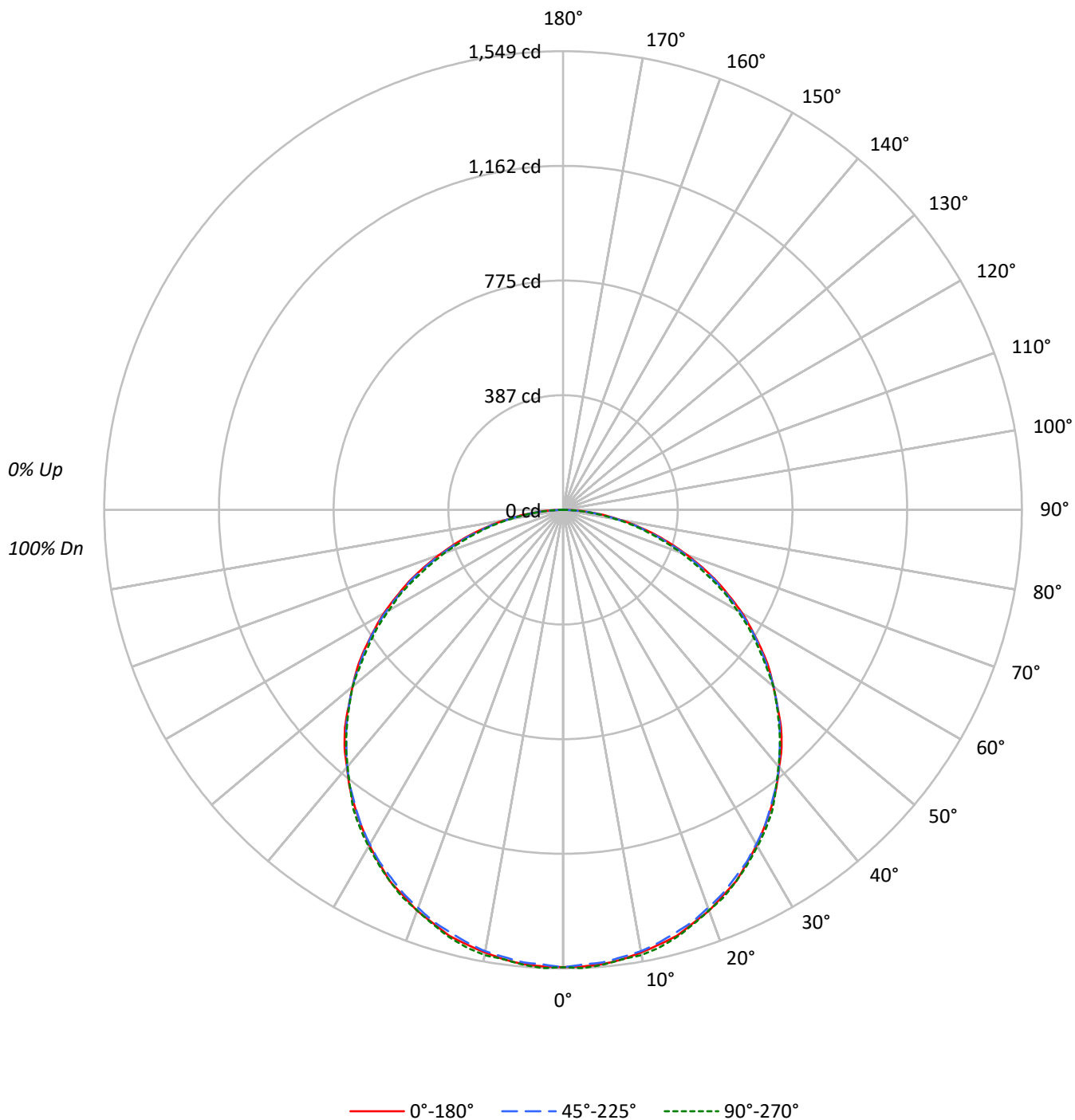
Lumens per Lamp: N/A
Luminaire Lumens: 4475.0 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 32.5
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

TEST NUMBER: P1555012

CATALOG NUMBER: 14CGTS-L3C39 4000 - HIGH

Luminous Intensity Polar Plot



TEST NUMBER: P1555012

CATALOG NUMBER: 14CGTS-L3C39 4000 - HIGH

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	63	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	37	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°	4157	4157	4157
5°	4161	4144	4167
10°	4148	4137	4172
15°	4147	4115	4159
20°	4126	4096	4123
25°	4108	4073	4108
30°	4062	4052	4079
35°	4026	4016	4054
40°	3985	3985	3974
45°	3962	3938	3926
50°	3879	3884	3879
55°	3830	3805	3760
60°	3760	3726	3652
65°	3659	3612	3510
70°	3504	3445	3337
75°	3329	3229	3109
80°	3056	2974	2827
85°	2683	2553	2390

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3962 cd/sqm

TEST NUMBER: P1555012

CATALOG NUMBER: 14CGTS-L3C39 4000 - HIGH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.4	3.3
10°-20°	419.2	9.4
20°-30°	635.8	14.2
30°-40°	767.2	17.1
40°-50°	798.4	17.8
50°-60°	725.2	16.2
60°-70°	558.1	12.5
70°-80°	329.4	7.4
80°-90°	95.2	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°	1201.4	26.8
0°-40°	1968.6	44.0
0°-60°	3492.3	78.0
0°-90°	4475.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4475.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1545	1545	1545	1545	1545	
5°	1540	1546	1534	1545	1543	146
15°	1489	1483	1477	1486	1493	419
25°	1384	1382	1372	1378	1384	636
35°	1226	1229	1222	1226	1234	767
45°	1041	1041	1035	1033	1032	800
55°	816	816	811	806	802	729
65°	575	572	567	558	551	567
75°	320	319	311	304	299	338
85°	87	87	83	80	77	100
90°	0	0	0	0	0	

TEST NUMBER: P1555012

CATALOG NUMBER: 14CGTS-L3C39 4000 - HIGH

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1544.7	1544.7	1544.7	1544.7	1544.7
2.5°	1543.7	1546.9	1537.3	1549.0	1549.0
5°	1540.5	1545.8	1534.1	1544.7	1542.6
7.5°	1531.0	1528.8	1523.5	1536.3	1531.0
10°	1518.2	1522.5	1514.0	1525.7	1526.7
12.5°	1503.4	1503.4	1497.0	1509.8	1512.9
15°	1488.6	1483.3	1476.9	1486.4	1492.8
17.5°	1463.1	1467.3	1457.8	1465.2	1466.3
20°	1440.8	1437.7	1430.2	1443.0	1439.8
22.5°	1410.1	1413.3	1404.8	1414.3	1416.5
25°	1383.6	1381.5	1371.9	1378.3	1383.6
27.5°	1344.4	1347.5	1341.2	1350.7	1349.7
30°	1307.3	1310.4	1304.1	1308.3	1312.6
32.5°	1267.0	1272.3	1267.0	1269.1	1275.4
35°	1225.6	1228.8	1222.4	1225.6	1234.1
37.5°	1183.2	1182.1	1180.0	1181.1	1181.1
40°	1134.4	1134.4	1134.4	1134.4	1131.3
42.5°	1092.0	1092.0	1082.5	1084.6	1084.6
45°	1041.1	1041.1	1034.8	1032.7	1031.6
47.5°	981.8	988.1	980.7	977.5	978.6
50°	926.6	930.9	927.7	923.5	926.6
52.5°	875.7	877.9	869.4	867.3	862.0
55°	816.4	816.4	811.1	805.8	801.5
57.5°	755.9	760.2	753.8	745.3	744.3
60°	698.7	696.6	692.3	682.8	678.5
62.5°	634.0	635.1	626.6	621.3	620.2
65°	574.6	572.5	567.2	557.7	551.3
67.5°	508.9	507.8	500.4	494.1	485.6
70°	445.3	444.2	437.9	428.3	424.1
72.5°	381.7	382.7	373.2	366.8	360.5
75°	320.2	319.1	310.6	304.3	299.0
77.5°	258.7	257.6	252.3	242.8	240.7
80°	197.2	199.3	191.9	185.5	182.4
82.5°	142.1	143.1	135.7	132.5	128.3
85°	86.9	86.9	82.7	79.5	77.4
87.5°	38.2	37.1	32.9	33.9	31.8
90°	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1555012

CATALOG NUMBER: 14CGTS-L3C39 4000 - HIGH

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	16.9	18.5	17.3	18.9	19.2	16.8	18.4	17.1	18.7	19.0
	3H	18.8	20.3	19.1	20.6	20.9	18.6	20.1	18.9	20.4	20.8
	4H	19.5	20.9	19.9	21.2	21.6	19.3	20.7	19.7	21.0	21.4
	6H	20.0	21.4	20.5	21.7	22.1	19.8	21.1	20.2	21.4	21.8
	8H	20.2	21.5	20.7	21.9	22.3	19.9	21.2	20.4	21.6	22.0
	12H	20.4	21.6	20.8	21.9	22.4	20.0	21.2	20.5	21.6	22.1
4H	2H	17.5	18.9	17.9	19.3	19.7	17.4	18.8	17.8	19.2	19.6
	3H	19.6	20.8	20.0	21.2	21.6	19.5	20.6	19.9	21.0	21.4
	4H	20.5	21.6	20.9	22.0	22.4	20.3	21.4	20.7	21.8	22.2
	6H	21.2	22.1	21.6	22.6	23.0	20.9	21.9	21.4	22.3	22.8
	8H	21.4	22.3	21.9	22.8	23.2	21.1	22.0	21.6	22.5	22.9
	12H	21.6	22.4	22.1	22.9	23.3	21.3	22.1	21.8	22.6	23.0
8H	4H	20.8	21.7	21.3	22.1	22.6	20.6	21.5	21.1	22.0	22.4
	6H	21.6	22.4	22.1	22.9	23.3	21.4	22.1	21.9	22.6	23.1
	8H	22.0	22.6	22.5	23.1	23.6	21.7	22.4	22.2	22.9	23.3
	12H	22.2	22.8	22.7	23.3	23.9	21.9	22.5	22.4	23.0	23.6
12H	4H	20.9	21.6	21.3	22.1	22.6	20.7	21.5	21.2	21.9	22.4
	6H	21.7	22.4	22.2	22.8	23.4	21.5	22.1	22.0	22.6	23.1
	8H	22.1	22.7	22.6	23.2	23.7	21.8	22.4	22.3	22.9	23.5













(END OF REPORT)