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: P1559205

Luminaire Tested: 2NWS3C5-5000-LOW

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559205
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2607-872-5)
Test Lab:	INNOVATION CENTER
Issue Date:	9/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	2NWS3C5-5000-LOW
Description:	2FT WRAP Lo Lumen 5 CCT SEL NUV 0-10V DIM 5000K
Light Source:	
Ballast/Driver:	-

Summary

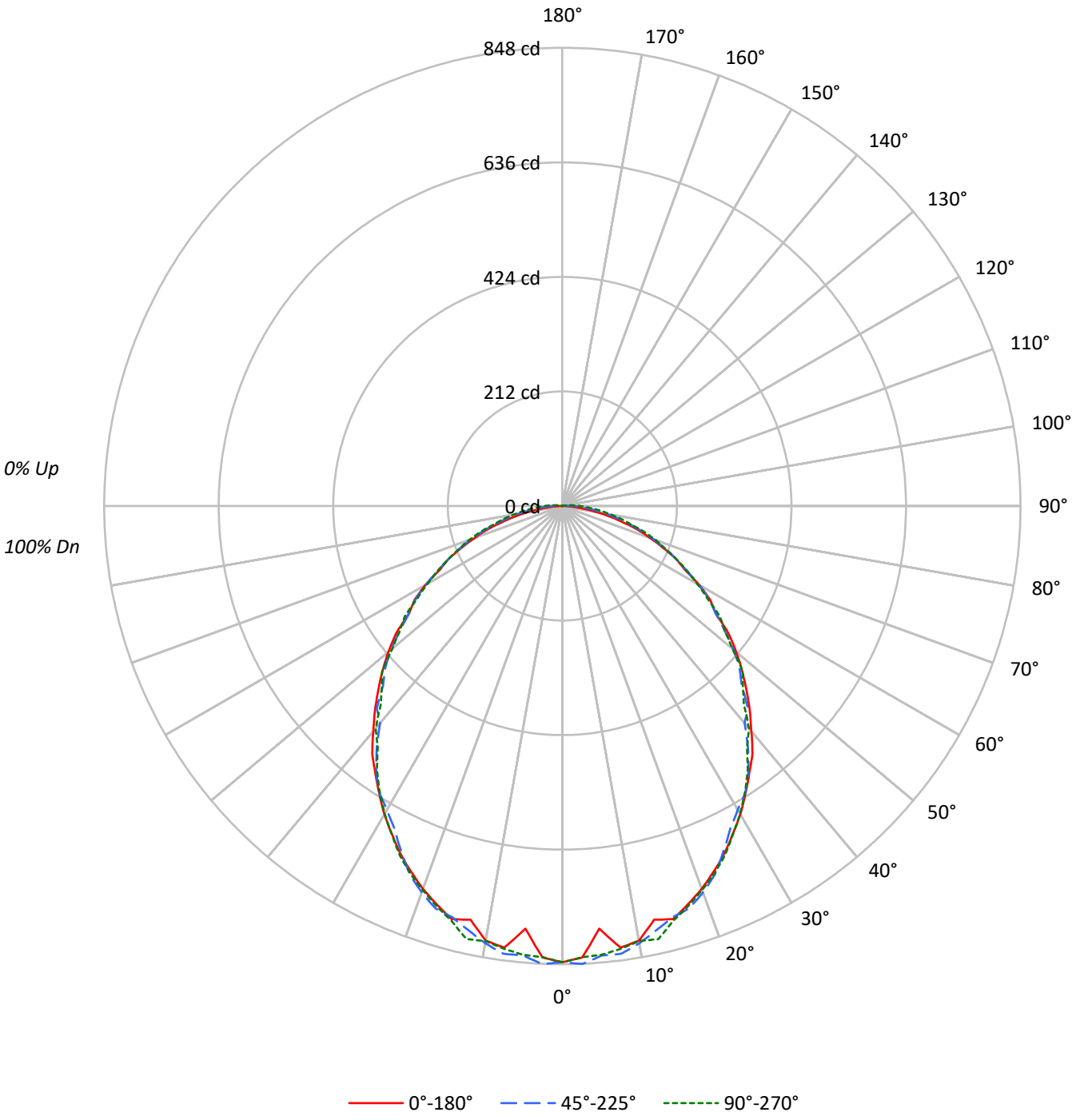
Lumens per Lamp:	N/A
Luminaire Lumens:	2113.3 lumens
Efficiency:	N/A
Efficacy:	145.7 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	14.5
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	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			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	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	60
4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	53	51
5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28	38	32	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13768	13768	13768
5°	12851	13670	13647
10°	13525	13606	13537
15°	13362	13303	13409
20°	13088	13209	13124
25°	12771	12695	12821
30°	12410	12226	12384
35°	12013	11958	11902
40°	11586	11167	11437
45°	11108	10815	10896
50°	10664	10504	10415
55°	9830	9849	10111
60°	9554	9508	9394
65°	8965	8992	8965
70°	8226	8526	8731
75°	7278	8072	8255
80°	5955	7673	8462
85°	4079	8308	10535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 16339 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.4	3.8
10°-20°	223.9	10.6
20°-30°	327.3	15.5
30°-40°	375.4	17.8
40°-50°	368.9	17.5
50°-60°	314.9	14.9
60°-70°	229.7	10.9
70°-80°	134.4	6.4
80°-90°	49.0	2.3
90°-100°	9.1	0.4
100°-110°	1.3	0.1
110°-120°	0.1	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°	630.6	29.8
0°-40°	1006.0	47.6
0°-60°	1689.7	80.0
0°-90°	2102.8	99.5
90°-120°	10.5	0.5
90°-150°	10.5	0.5
90°-180°	10.0	0.5
0°-180°	2113.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	844	844	844	844	844	
5°	785	835	835	850	834	78
15°	791	794	788	803	794	221
25°	710	708	706	716	712	326
35°	603	605	601	601	598	378
45°	482	484	469	477	472	372
55°	346	358	346	347	356	316
65°	232	232	233	227	232	228
75°	116	122	128	132	131	124
85°	22	30	44	55	56	27
90°	1	8	20	29	32	1
95°	0	1	6	13	16	0
105°	0	0	1	2	3	0
115°	1	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	844.2	844.2	844.2	*844.2*	844.2
2.5°	*836.4*	*837.1*	*848.4*	*850.5*	*835.7*
5°	785.0	835.0	835.0	*850.5*	833.6
7.5°	824.5	827.3	835.7	*838.5*	826.6
10°	816.7	818.8	821.6	*825.9*	817.4
12.5°	784.3	828.0	804.0	*810.4*	820.9
15°	791.4	793.5	787.9	*803.3*	794.2
17.5°	773.1	767.4	780.8	*785.0*	775.9
20°	754.1	757.6	761.1	*767.4*	756.2
22.5°	732.2	732.9	737.9	*744.9*	735.8
25°	709.7	708.3	705.5	*716.0*	712.5
27.5°	683.7	687.9	673.1	*690.7*	684.4
30°	659.0	662.5	649.2	*661.1*	657.6
32.5°	630.8	634.4	630.1	*630.1*	628.7
35°	603.4	604.8	600.6	*601.3*	597.8
37.5°	578.0	571.0	564.0	*568.9*	561.1
40°	544.2	552.0	524.5	*537.9*	537.2
42.5°	513.3	516.1	508.3	*505.5*	497.1
45°	481.6	483.7	468.9	*476.7*	472.4
47.5°	451.3	460.5	445.0	*441.5*	452.7
50°	420.3	421.0	414.0	*409.1*	410.5
52.5°	387.9	396.4	378.1	*378.1*	378.8
55°	345.7	358.4	346.4	*347.1*	355.6
57.5°	324.6	323.2	322.5	*316.8*	318.2
60°	292.9	296.4	291.5	*287.3*	288.0
62.5°	255.6	261.9	259.8	*258.4*	260.5
65°	232.3	231.6	233.0	*227.4*	232.3
67.5°	201.4	202.1	205.6	*200.0*	206.3
70°	172.5	177.4	178.8	*179.5*	183.1
72.5°	146.4	147.2	152.8	*154.9*	158.4
75°	115.5	121.8	128.1	*131.7*	131.0
77.5°	89.4	95.8	103.5	*109.8*	111.9
80°	63.4	71.8	81.7	*89.4*	90.1
82.5°	42.2	48.6	62.7	*72.5*	74.6
85°	21.8	29.6	44.4	*54.9*	56.3
87.5°	7.7	16.2	31.0	*40.8*	43.7
90°	0.7	7.7	19.7	*28.9*	32.4
92.5°	0.0	2.8	12.0	*19.7*	22.5
95°	0.0	1.4	6.3	*12.7*	15.5
97.5°	0.0	0.7	3.5	*8.4*	9.9
100°	0.0	0.0	2.1	*5.6*	6.3
102.5°	0.0	0.0	1.4	*3.5*	4.2
105°	0.0	0.0	0.7	*2.1*	2.8
107.5°	0.0	0.0	0.7	*1.4*	1.4
110°	0.0	0.0	0.0	*0.7*	0.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	0.0	0.0	*0.0*	0.0
115°	0.7	0.0	0.0	*0.0*	0.0
117.5°	0.0	0.0	0.0	*0.0*	0.0
120°	0.0	0.0	0.0	*0.0*	0.0
122.5°	0.0	0.0	0.0	*0.0*	0.0
125°	0.0	0.0	0.0	*0.0*	0.0
127.5°	0.0	0.0	0.0	*0.0*	0.0
130°	0.0	0.0	0.0	*0.0*	0.0
132.5°	0.0	0.0	0.0	*0.0*	0.0
135°	0.0	0.0	0.0	*0.0*	0.0
137.5°	0.0	0.0	0.0	*0.0*	0.0
140°	0.0	0.0	0.0	*0.0*	0.0
142.5°	0.0	0.0	0.0	*0.0*	0.0
145°	0.0	0.0	0.0	*0.0*	0.0
147.5°	0.0	0.0	0.0	*0.0*	0.0
150°	0.0	0.0	0.0	*0.0*	0.0
152.5°	0.0	0.0	0.0	*0.0*	0.0
155°	0.0	0.0	0.0	*0.0*	0.0
157.5°	0.0	0.0	0.0	*0.0*	0.0
160°	0.0	0.0	0.0	*0.0*	0.0
162.5°	0.0	0.0	0.0	*0.0*	0.0
165°	0.0	0.0	0.0	*0.0*	0.0
167.5°	0.0	0.0	0.0	*0.0*	0.0
170°	0.0	0.0	0.0	*0.0*	0.0
172.5°	0.0	0.0	0.0	*0.0*	0.0
175°	0.0	0.0	0.0	*0.0*	0.0
177.5°	0.0	0.0	0.0	*0.0*	0.0
180°	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	19.87	21.46	20.24	21.78	22.11	19.72	21.31	20.10	21.64	21.97
	3H	21.52	22.96	21.91	23.30	23.67	21.49	22.93	21.88	23.27	23.64
	4H	22.12	23.47	22.52	23.83	24.22	22.21	23.57	22.62	23.93	24.32
	6H	22.51	23.77	22.93	24.14	24.54	22.85	24.10	23.26	24.48	24.88
	8H	22.62	23.81	23.05	24.21	24.63	23.12	24.32	23.56	24.72	25.13
	12H	22.67	23.82	23.11	24.21	24.65	23.39	24.54	23.83	24.93	25.37
4H	2H	20.45	21.81	20.86	22.16	22.55	20.34	21.69	20.74	22.05	22.44
	3H	22.34	23.48	22.76	23.89	24.30	22.34	23.47	22.75	23.88	24.29
	4H	23.07	24.10	23.51	24.52	24.97	23.20	24.23	23.64	24.65	25.10
	6H	23.59	24.49	24.06	24.94	25.41	23.99	24.89	24.45	25.34	25.80
	8H	23.74	24.58	24.21	25.03	25.51	24.34	25.18	24.81	25.63	26.11
	12H	23.83	24.58	24.31	25.07	25.55	24.69	25.45	25.18	25.93	26.41
8H	4H	23.40	24.24	23.87	24.69	25.17	23.52	24.36	23.99	24.81	25.29
	6H	24.05	24.75	24.55	25.25	25.74	24.46	25.16	24.96	25.66	26.14
	8H	24.27	24.90	24.79	25.42	25.91	24.93	25.56	25.44	26.07	26.57
	12H	24.42	24.98	24.93	25.48	26.05	25.42	25.98	25.93	26.48	27.05
12H	4H	23.45	24.21	23.94	24.69	25.17	23.55	24.31	24.04	24.79	25.27
	6H	24.14	24.77	24.66	25.29	25.79	24.52	25.15	25.04	25.67	26.17
	8H	24.43	24.98	24.94	25.48	26.06	25.06	25.62	25.58	26.12	26.69

END OF REPORT