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: P1559201

Luminaire Tested: 2NWS3C5-3000-LOW

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559201
	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:	2NWS3C5-3000-LOW
Description:	2FT WRAP Lo Lumen 5 CCT SEL NUV 0-10V DIM 3000K
Light Source:	
Ballast/Driver:	-

Summary

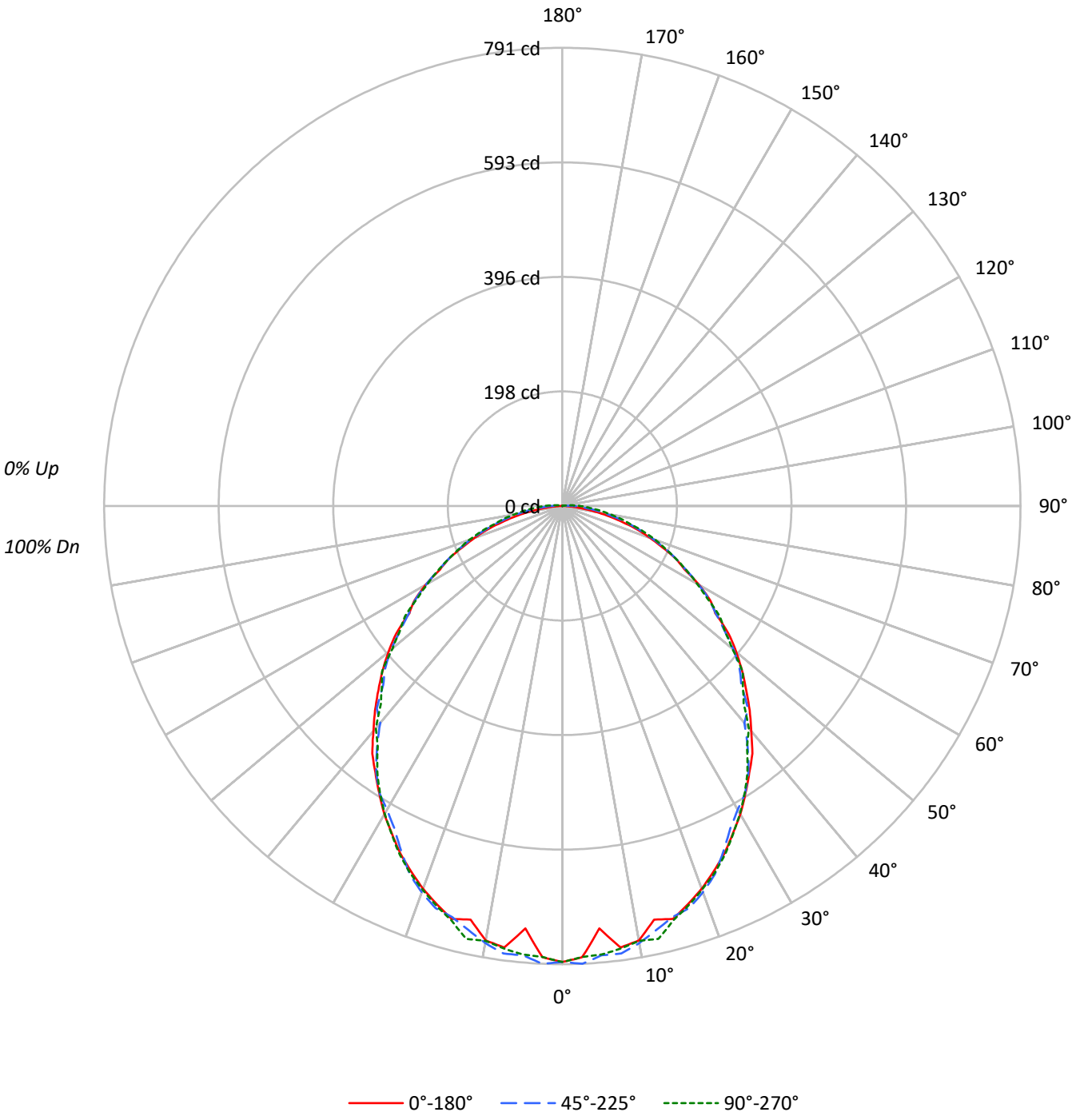
Lumens per Lamp:	N/A
Luminaire Lumens:	1970.5 lumens
Efficiency:	N/A
Efficacy:	135.9 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	14.5
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	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°	12837	12837	12837
5°	11984	12747	12725
10°	12611	12687	12622
15°	12459	12403	12503
20°	12203	12316	12236
25°	11907	11837	11954
30°	11570	11399	11546
35°	11201	11149	11096
40°	10802	10413	10664
45°	10356	10084	10160
50°	9943	9794	9710
55°	9164	9184	9426
60°	8908	8866	8758
65°	8359	8386	8359
70°	7668	7949	8140
75°	6786	7530	7694
80°	5551	7147	7889
85°	3817	7747	9824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 15217 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.0	3.8
10°-20°	208.8	10.6
20°-30°	305.2	15.5
30°-40°	350.0	17.8
40°-50°	343.9	17.5
50°-60°	293.6	14.9
60°-70°	214.1	10.9
70°-80°	125.3	6.4
80°-90°	45.7	2.3
90°-100°	8.5	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°	588.0	29.8
0°-40°	937.9	47.6
0°-60°	1575.5	80.0
0°-90°	1960.6	99.5
90°-120°	9.8	0.5
90°-150°	9.8	0.5
90°-180°	10.0	0.5
0°-180°	1970.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	787	787	787	787	787	
5°	732	779	779	793	777	73
15°	738	740	735	749	740	206
25°	662	660	658	668	664	304
35°	563	564	560	561	557	352
45°	449	451	437	444	440	347
55°	322	334	323	324	332	295
65°	217	216	217	212	217	213
75°	108	114	120	123	122	115
85°	20	28	41	51	52	25
90°	1	7	18	27	30	1
95°	0	1	6	12	14	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°	787.1	787.1	787.1	*787.1*	787.1
2.5°	*779.9*	*780.5*	*791.0*	*793.0*	*779.2*
5°	732.0	778.6	778.6	*793.0*	777.3
7.5°	768.7	771.3	779.2	*781.8*	770.7
10°	761.5	763.5	766.1	*770.0*	762.2
12.5°	731.3	772.0	749.7	*755.6*	765.4
15°	737.9	739.8	734.6	*749.0*	740.5
17.5°	720.8	715.5	728.0	*732.0*	723.4
20°	703.1	706.4	709.6	*715.5*	705.0
22.5°	682.7	683.4	688.0	*694.5*	686.0
25°	661.7	660.4	657.8	*667.6*	664.3
27.5°	637.4	641.4	627.6	*644.0*	638.1
30°	614.4	617.7	605.3	*616.4*	613.1
32.5°	588.2	591.5	587.5	*587.5*	586.2
35°	562.6	563.9	560.0	*560.6*	557.3
37.5°	539.0	532.4	525.8	*530.4*	523.2
40°	507.4	514.7	489.1	*501.5*	500.9
42.5°	478.6	481.2	474.0	*471.3*	463.5
45°	449.0	451.0	437.2	*444.4*	440.5
47.5°	420.8	429.3	414.9	*411.6*	422.1
50°	391.9	392.6	386.0	*381.4*	382.7
52.5°	361.7	369.6	352.5	*352.5*	353.2
55°	322.3	334.1	323.0	*323.6*	331.5
57.5°	302.6	301.3	300.7	*295.4*	296.7
60°	273.1	276.4	271.8	*267.8*	268.5
62.5°	238.3	244.2	242.2	*240.9*	242.9
65°	216.6	216.0	217.3	*212.0*	216.6
67.5°	187.7	188.4	191.7	*186.4*	192.3
70°	160.8	165.4	166.7	*167.4*	170.7
72.5°	136.5	137.2	142.5	*144.4*	147.7
75°	107.7	113.6	119.5	*122.8*	122.1
77.5°	83.4	89.3	96.5	*102.4*	104.4
80°	59.1	67.0	76.1	*83.4*	84.0
82.5°	39.4	45.3	58.4	*67.6*	69.6
85°	20.4	27.6	41.4	*51.2*	52.5
87.5°	7.2	15.1	28.9	*38.1*	40.7
90°	0.7	7.2	18.4	*26.9*	30.2
92.5°	0.0	2.6	11.2	*18.4*	21.0
95°	0.0	1.3	5.9	*11.8*	14.4
97.5°	0.0	0.7	3.3	*7.9*	9.2
100°	0.0	0.0	2.0	*5.3*	5.9
102.5°	0.0	0.0	1.3	*3.3*	3.9
105°	0.0	0.0	0.7	*2.0*	2.6
107.5°	0.0	0.0	0.7	*1.3*	1.3
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	19.62	21.21	19.99	21.54	21.87	19.48	21.07	19.85	21.40	21.72
	3H	21.28	22.72	21.66	23.05	23.43	21.25	22.69	21.63	23.02	23.40
	4H	21.87	23.23	22.28	23.59	23.97	21.97	23.33	22.38	23.68	24.07
	6H	22.27	23.52	22.69	23.90	24.30	22.60	23.86	23.02	24.23	24.64
	8H	22.37	23.57	22.81	23.97	24.38	22.88	24.08	23.31	24.48	24.89
	12H	22.42	23.57	22.86	23.97	24.41	23.15	24.30	23.58	24.69	25.13
4H	2H	20.21	21.56	20.61	21.92	22.31	20.09	21.45	20.50	21.81	22.20
	3H	22.10	23.24	22.52	23.64	24.06	22.09	23.23	22.51	23.64	24.05
	4H	22.83	23.86	23.27	24.28	24.73	22.96	23.99	23.40	24.41	24.86
	6H	23.35	24.25	23.81	24.70	25.17	23.74	24.64	24.21	25.09	25.56
	8H	23.50	24.34	23.97	24.79	25.27	24.10	24.94	24.57	25.39	25.87
	12H	23.58	24.34	24.07	24.83	25.31	24.45	25.20	24.93	25.69	26.17
8H	4H	23.16	24.00	23.62	24.45	24.93	23.28	24.12	23.74	24.57	25.05
	6H	23.81	24.51	24.31	25.01	25.50	24.21	24.92	24.72	25.41	25.90
	8H	24.03	24.66	24.54	25.17	25.67	24.68	25.31	25.20	25.83	26.33
	12H	24.18	24.74	24.69	25.23	25.81	25.18	25.74	25.69	26.23	26.81
12H	4H	23.21	23.96	23.69	24.45	24.93	23.31	24.06	23.79	24.55	25.03
	6H	23.90	24.53	24.41	25.04	25.54	24.28	24.91	24.79	25.42	25.92
	8H	24.18	24.74	24.70	25.24	25.81	24.82	25.38	25.34	25.88	26.45

END OF REPORT