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: P1559203

Luminaire Tested: 2NWS3C5-4000-LOW

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559203
	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:	2NWS3C5-4000-LOW
Description:	2FT WRAP Lo Lumen 5 CCT SEL NUV 0-10V DIM 4000K
Light Source:	
Ballast/Driver:	-

Summary

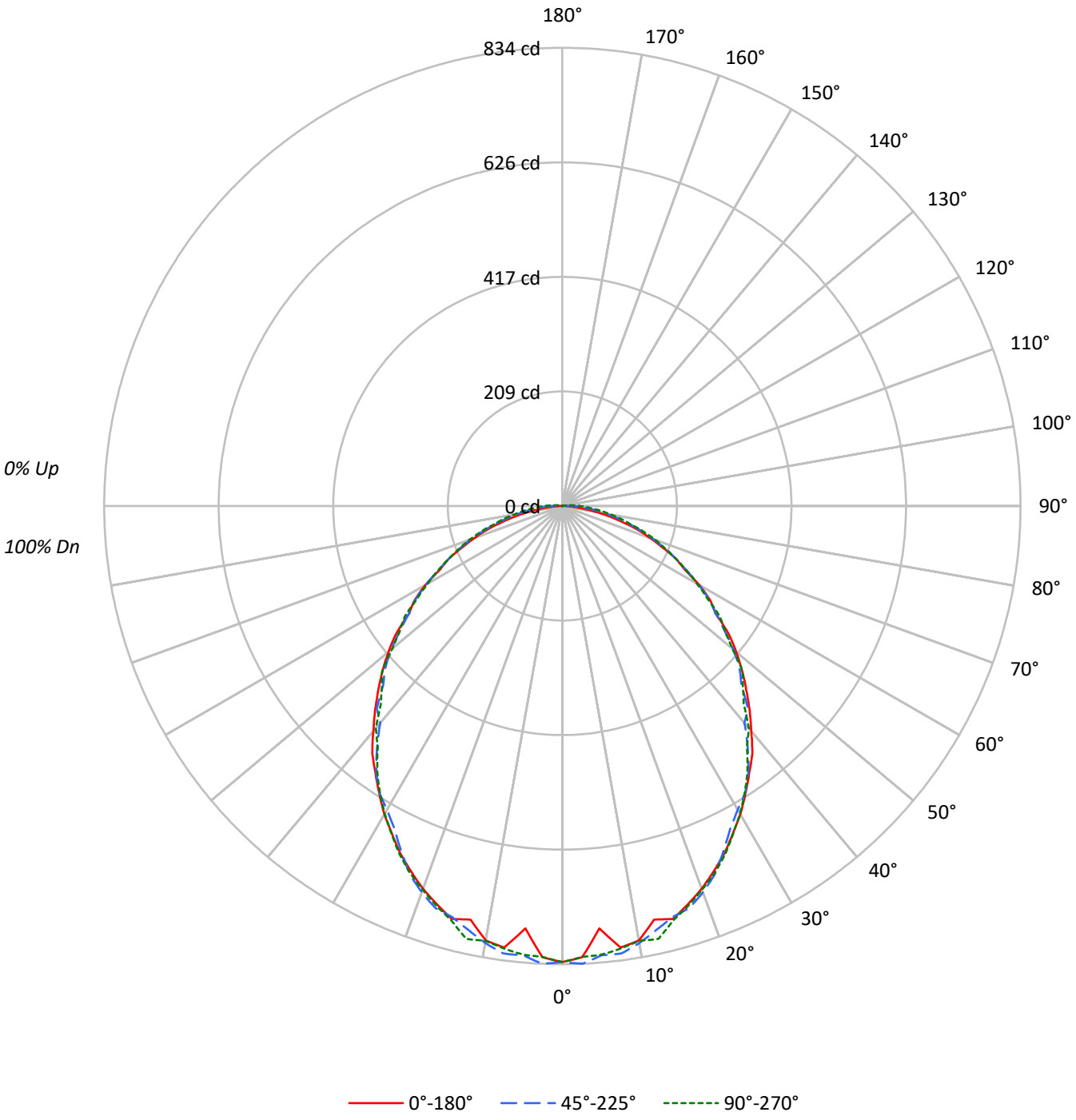
Lumens per Lamp:	N/A
Luminaire Lumens:	2077.8 lumens
Efficiency:	N/A
Efficacy:	144.3 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	14.4
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	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°	13536	13536	13536
5°	12635	13441	13418
10°	13298	13378	13310
15°	13136	13079	13183
20°	12867	12987	12902
25°	12555	12481	12605
30°	12201	12019	12175
35°	11810	11757	11701
40°	11392	10979	11245
45°	10921	10633	10713
50°	10484	10327	10240
55°	9665	9685	9940
60°	9394	9348	9234
65°	8814	8841	8814
70°	8087	8383	8583
75°	7152	7940	8116
80°	5851	7542	8321
85°	4023	8159	10367

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 16040 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.0	3.8
10°-20°	220.2	10.6
20°-30°	321.8	15.5
30°-40°	369.0	17.8
40°-50°	362.7	17.5
50°-60°	309.6	14.9
60°-70°	225.8	10.9
70°-80°	132.1	6.4
80°-90°	48.2	2.3
90°-100°	9.0	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°	620.0	29.8
0°-40°	989.0	47.6
0°-60°	1661.3	80.0
0°-90°	2067.4	99.5
90°-120°	10.4	0.5
90°-150°	10.4	0.5
90°-180°	10.0	0.5
0°-180°	2077.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	830	830	830	830	830	
5°	772	821	821	836	820	76
15°	778	780	775	790	781	218
25°	698	696	694	704	700	321
35°	593	595	590	591	588	371
45°	474	476	461	469	464	366
55°	340	352	341	341	350	311
65°	228	228	229	224	228	224
75°	114	120	126	129	129	122
85°	22	29	44	54	55	27
90°	1	8	19	28	32	1
95°	0	1	6	12	15	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°	830.0	830.0	830.0	*830.0*	830.0
2.5°	*822.3*	*823.0*	*834.1*	*836.2*	*821.7*
5°	771.8	821.0	821.0	*836.2*	819.6
7.5°	810.6	813.3	821.7	*824.4*	812.7
10°	803.0	805.0	807.8	*812.0*	803.7
12.5°	771.1	814.0	790.5	*796.7*	807.1
15°	778.0	780.1	774.6	*789.8*	780.8
17.5°	760.0	754.5	767.7	*771.8*	762.8
20°	741.4	744.8	748.3	*754.5*	743.4
22.5°	719.9	720.6	725.4	*732.4*	723.4
25°	697.7	696.4	693.6	*704.0*	700.5
27.5°	672.1	676.3	661.8	*679.1*	672.8
30°	647.9	651.4	638.2	*650.0*	646.5
32.5°	620.2	623.7	619.5	*619.5*	618.1
35°	593.2	594.6	590.5	*591.1*	587.7
37.5°	568.3	561.4	554.5	*559.3*	551.7
40°	535.1	542.7	515.7	*528.8*	528.2
42.5°	504.6	507.4	499.8	*497.0*	488.7
45°	473.5	475.5	461.0	*468.6*	464.5
47.5°	443.7	452.7	437.5	*434.0*	445.1
50°	413.2	413.9	407.0	*402.2*	403.6
52.5°	381.4	389.7	371.7	*371.7*	372.4
55°	339.9	352.3	340.6	*341.3*	349.6
57.5°	319.1	317.7	317.0	*311.5*	312.9
60°	288.0	291.4	286.6	*282.4*	283.1
62.5°	251.3	257.5	255.4	*254.0*	256.1
65°	228.4	227.7	229.1	*223.6*	228.4
67.5°	198.0	198.7	202.1	*196.6*	202.8
70°	169.6	174.4	175.8	*176.5*	180.0
72.5°	144.0	144.7	150.2	*152.3*	155.7
75°	113.5	119.8	126.0	*129.4*	128.8
77.5°	87.9	94.1	101.8	*108.0*	110.1
80°	62.3	70.6	80.3	*87.9*	88.6
82.5°	41.5	47.8	61.6	*71.3*	73.4
85°	21.5	29.1	43.6	*54.0*	55.4
87.5°	7.6	15.9	30.5	*40.1*	42.9
90°	0.7	7.6	19.4	*28.4*	31.8
92.5°	0.0	2.8	11.8	*19.4*	22.2
95°	0.0	1.4	6.2	*12.5*	15.2
97.5°	0.0	0.7	3.5	*8.3*	9.7
100°	0.0	0.0	2.1	*5.5*	6.2
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	19.81	21.40	20.18	21.72	22.05	19.66	21.26	20.04	21.58	21.91
	3H	21.46	22.90	21.85	23.24	23.61	21.43	22.87	21.82	23.21	23.58
	4H	22.06	23.41	22.46	23.77	24.16	22.16	23.51	22.56	23.87	24.26
	6H	22.45	23.71	22.87	24.08	24.48	22.79	24.04	23.21	24.42	24.82
	8H	22.56	23.75	22.99	24.15	24.57	23.06	24.26	23.50	24.66	25.07
	12H	22.61	23.76	23.05	24.15	24.59	23.33	24.48	23.77	24.87	25.31
4H	2H	20.39	21.75	20.80	22.10	22.49	20.28	21.63	20.69	21.99	22.38
	3H	22.28	23.42	22.70	23.83	24.24	22.28	23.41	22.70	23.82	24.23
	4H	23.01	24.04	23.45	24.46	24.91	23.14	24.17	23.58	24.60	25.04
	6H	23.53	24.43	24.00	24.88	25.35	23.93	24.83	24.39	25.28	25.75
	8H	23.68	24.52	24.15	24.97	25.45	24.28	25.12	24.75	25.57	26.05
	12H	23.77	24.52	24.26	25.01	25.49	24.63	25.39	25.12	25.87	26.35
8H	4H	23.34	24.18	23.81	24.63	25.11	23.46	24.30	23.93	24.75	25.23
	6H	23.99	24.69	24.49	25.19	25.68	24.40	25.10	24.90	25.60	26.08
	8H	24.21	24.84	24.73	25.36	25.85	24.87	25.50	25.38	26.01	26.51
	12H	24.36	24.92	24.87	25.42	25.99	25.36	25.92	25.88	26.42	26.99
12H	4H	23.39	24.15	23.88	24.63	25.11	23.49	24.25	23.98	24.73	25.21
	6H	24.08	24.71	24.60	25.23	25.73	24.46	25.09	24.98	25.61	26.11
	8H	24.37	24.92	24.88	25.42	26.00	25.01	25.56	25.52	26.06	26.64

END OF REPORT