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: P1559206

Luminaire Tested: 2NWS3C5-3000-MID

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559206
	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-MID
Description:	2FT WRAP Med Lumen 5 CCT SEL NUV 0-10V DIM 3000K
Light Source:	
Ballast/Driver:	-

Summary

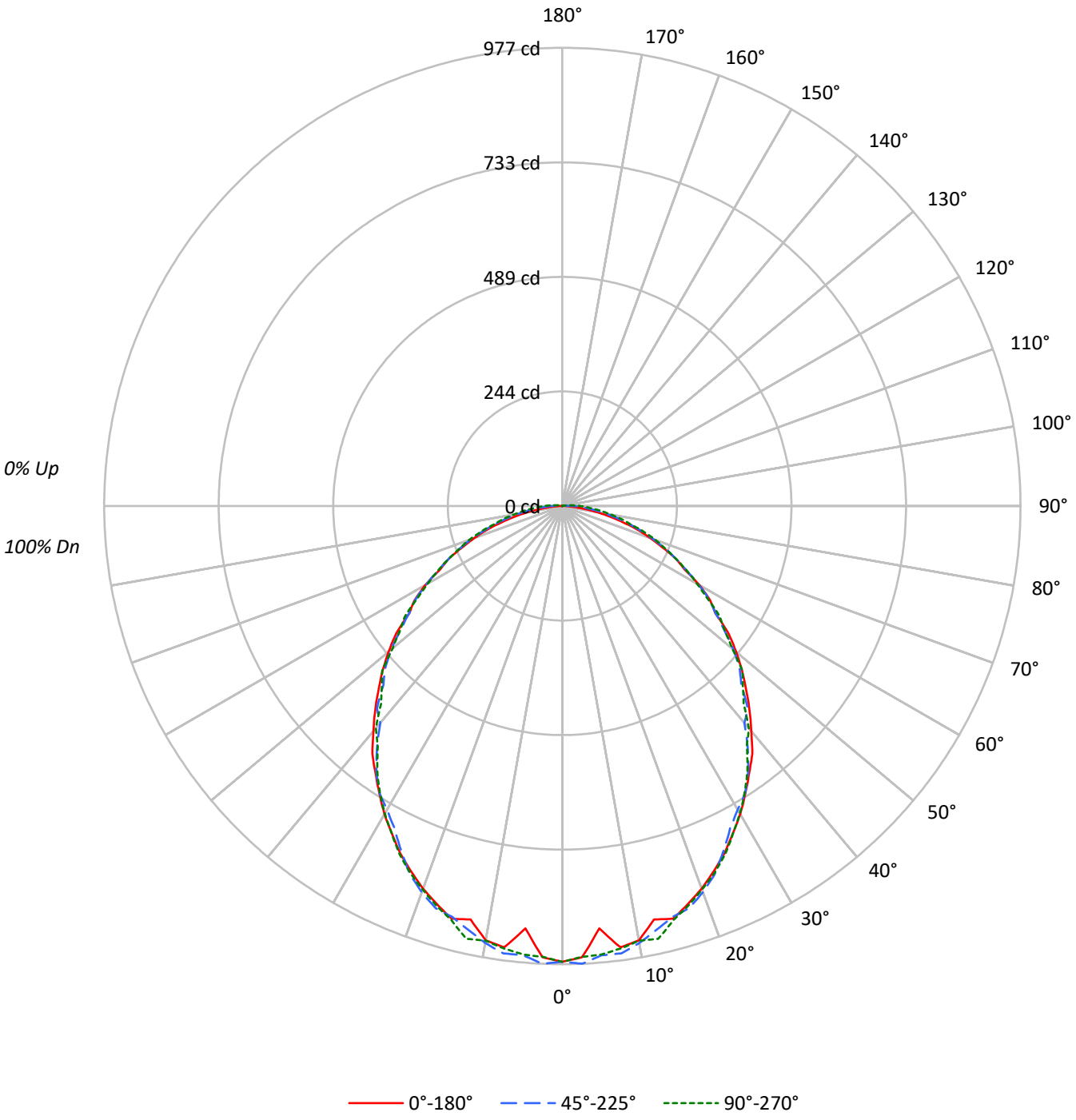
Lumens per Lamp:	N/A
Luminaire Lumens:	2433.1 lumens
Efficiency:	N/A
Efficacy:	133.7 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	18.2
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	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°	15851	15851	15851
5°	14796	15739	15713
10°	15572	15666	15585
15°	15383	15316	15439
20°	15068	15209	15110
25°	14704	14615	14761
30°	14288	14075	14258
35°	13831	13765	13702
40°	13340	12857	13168
45°	12789	12452	12545
50°	12278	12092	11991
55°	11317	11339	11641
60°	10999	10947	10813
65°	10323	10354	10323
70°	9470	9818	10052
75°	8374	9294	9502
80°	6856	8828	9749
85°	4697	9562	12126

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 18807 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.4	3.8
10°-20°	257.8	10.6
20°-30°	376.8	15.5
30°-40°	432.2	17.8
40°-50°	424.7	17.5
50°-60°	362.5	14.9
60°-70°	264.4	10.9
70°-80°	154.7	6.4
80°-90°	56.4	2.3
90°-100°	10.5	0.4
100°-110°	1.5	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°	726.0	29.8
0°-40°	1158.2	47.6
0°-60°	1945.4	80.0
0°-90°	2421.0	99.5
90°-120°	12.1	0.5
90°-150°	12.1	0.5
90°-180°	12.0	0.5
0°-180°	2433.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	972	972	972	972	972	
5°	904	961	961	979	960	90
15°	911	914	907	925	914	255
25°	817	816	812	824	820	376
35°	695	696	691	692	688	435
45°	554	557	540	549	544	428
55°	398	413	399	400	409	364
65°	268	267	268	262	268	263
75°	133	140	148	152	151	142
85°	25	34	51	63	65	31
90°	1	9	23	33	37	1
95°	0	2	7	15	18	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°	971.9	971.9	971.9	*971.9*	971.9
2.5°	*963.0*	*963.8*	*976.8*	*979.2*	*962.2*
5°	903.8	961.4	961.4	*979.2*	959.8
7.5°	949.2	952.5	962.2	*965.4*	951.6
10°	940.3	942.7	946.0	*950.8*	941.1
12.5°	903.0	953.3	925.7	*933.0*	945.2
15°	911.1	913.5	907.1	*924.9*	914.4
17.5°	890.0	883.6	899.0	*903.8*	893.3
20°	868.2	872.2	876.3	*883.6*	870.6
22.5°	843.0	843.8	849.5	*857.6*	847.1
25°	817.1	815.5	812.2	*824.4*	820.3
27.5°	787.1	792.0	774.9	*795.2*	787.9
30°	758.7	762.8	747.4	*761.2*	757.1
32.5°	726.3	730.4	725.5	*725.5*	723.9
35°	694.7	696.3	691.4	*692.3*	688.2
37.5°	665.5	657.4	649.3	*655.0*	646.1
40°	626.6	635.5	603.9	*619.3*	618.5
42.5°	590.9	594.2	585.3	*582.0*	572.3
45°	554.5	556.9	539.9	*548.8*	543.9
47.5°	519.6	530.1	512.3	*508.2*	521.2
50°	483.9	484.7	476.6	*471.0*	472.6
52.5°	446.6	456.4	435.3	*435.3*	436.1
55°	398.0	412.6	398.8	*399.6*	409.4
57.5°	373.7	372.1	371.3	*364.8*	366.4
60°	337.2	341.3	335.6	*330.7*	331.5
62.5°	294.2	301.5	299.1	*297.5*	299.9
65°	267.5	266.7	268.3	*261.8*	267.5
67.5°	231.8	232.6	236.7	*230.2*	237.5
70°	198.6	204.3	205.9	*206.7*	210.8
72.5°	168.6	169.4	175.9	*178.3*	182.4
75°	132.9	140.2	147.5	*151.6*	150.8
77.5°	102.9	110.2	119.2	*126.5*	128.9
80°	73.0	82.7	94.0	*102.9*	103.8
82.5°	48.6	55.9	72.1	*83.5*	85.9
85°	25.1	34.0	51.1	*63.2*	64.8
87.5°	8.9	18.6	35.7	*47.0*	50.3
90°	0.8	8.9	22.7	*33.2*	37.3
92.5°	0.0	3.2	13.8	*22.7*	25.9
95°	0.0	1.6	7.3	*14.6*	17.8
97.5°	0.0	0.8	4.1	*9.7*	11.3
100°	0.0	0.0	2.4	*6.5*	7.3
102.5°	0.0	0.0	1.6	*4.1*	4.9
105°	0.0	0.0	0.8	*2.4*	3.2
107.5°	0.0	0.0	0.8	*1.6*	1.6
110°	0.0	0.0	0.0	*0.8*	0.8

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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°	0.8	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	20.36	21.95	20.73	22.27	22.60	20.21	21.81	20.59	22.13	22.46
	3H	22.01	23.45	22.40	23.79	24.16	21.98	23.42	22.37	23.76	24.13
	4H	22.61	23.96	23.01	24.32	24.71	22.70	24.06	23.11	24.42	24.81
	6H	23.00	24.26	23.42	24.63	25.03	23.34	24.59	23.75	24.97	25.37
	8H	23.10	24.30	23.54	24.70	25.11	23.61	24.81	24.05	25.21	25.62
	12H	23.16	24.31	23.59	24.70	25.14	23.88	25.03	24.32	25.42	25.86
4H	2H	20.94	22.29	21.35	22.65	23.04	20.83	22.18	21.23	22.54	22.93
	3H	22.83	23.97	23.25	24.38	24.79	22.83	23.96	23.24	24.37	24.78
	4H	23.56	24.59	24.00	25.01	25.46	23.69	24.72	24.13	25.14	25.59
	6H	24.08	24.98	24.54	25.43	25.90	24.48	25.38	24.94	25.83	26.29
	8H	24.23	25.07	24.70	25.52	26.00	24.83	25.67	25.30	26.12	26.60
	12H	24.32	25.07	24.80	25.56	26.04	25.18	25.94	25.67	26.42	26.90
8H	4H	23.89	24.73	24.36	25.18	25.66	24.01	24.85	24.48	25.30	25.78
	6H	24.54	25.24	25.04	25.74	26.23	24.95	25.65	25.45	26.15	26.63
	8H	24.76	25.39	25.28	25.90	26.40	25.42	26.05	25.93	26.56	27.06
	12H	24.91	25.47	25.42	25.97	26.54	25.91	26.47	26.42	26.97	27.54
12H	4H	23.94	24.70	24.43	25.18	25.66	24.04	24.80	24.53	25.28	25.76
	6H	24.63	25.26	25.15	25.78	26.27	25.01	25.64	25.53	26.16	26.66
	8H	24.91	25.47	25.43	25.97	26.54	25.55	26.11	26.07	26.61	27.18

END OF REPORT