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: P1559210

Luminaire Tested: 2NWS3C5-5000-MID

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559210
	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-MID
Description:	2FT WRAP Med Lumen 5 CCT SEL NUV 0-10V DIM 5000K
Light Source:	
Ballast/Driver:	-

Summary

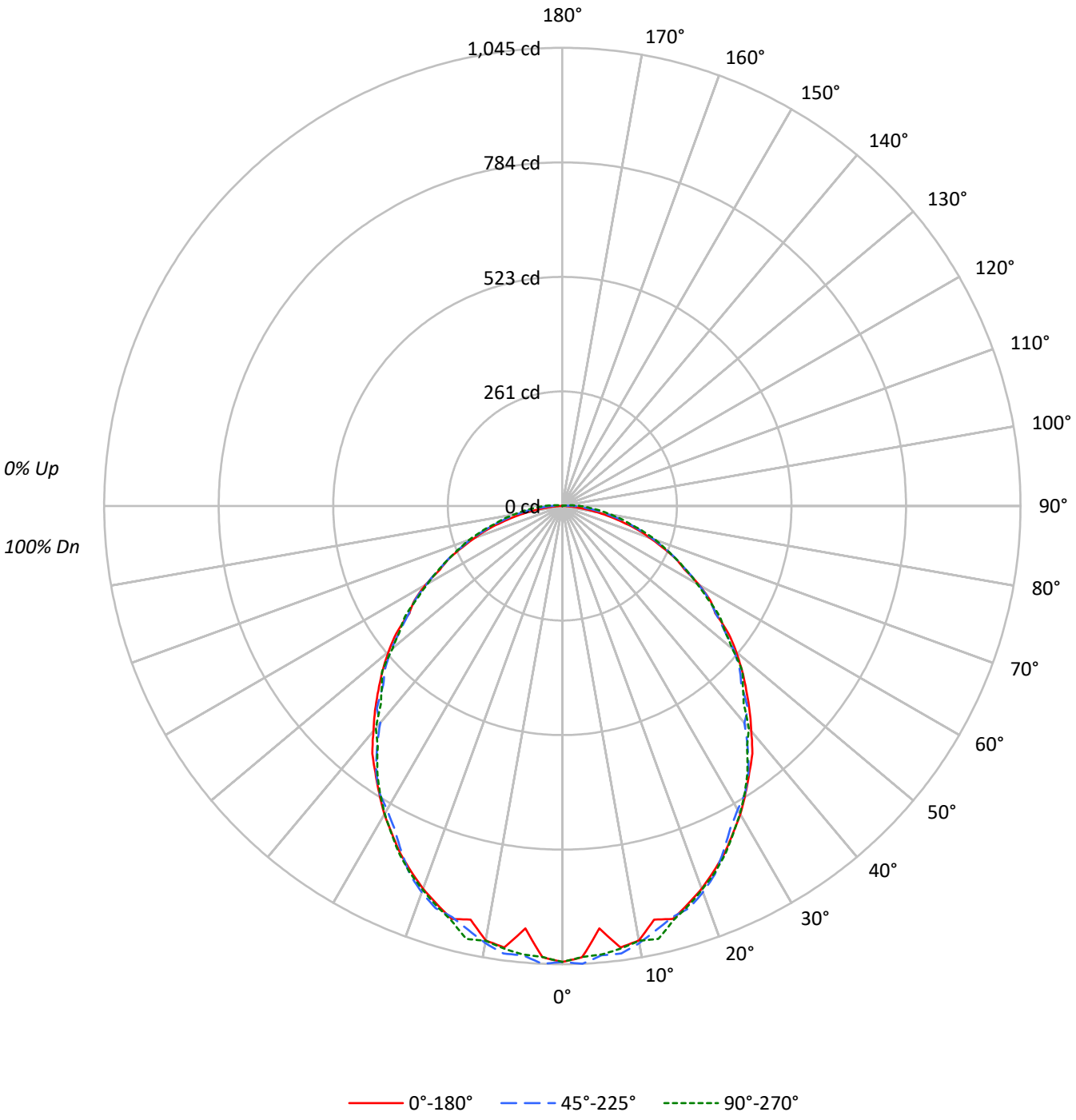
Lumens per Lamp:	N/A
Luminaire Lumens:	2603.1 lumens
Efficiency:	N/A
Efficacy:	143.0 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	18.2
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	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°	16958	16958	16958
5°	15831	16839	16810
10°	16660	16761	16675
15°	16459	16386	16518
20°	16120	16271	16165
25°	15731	15638	15794
30°	15286	15058	15254
35°	14797	14729	14659
40°	14273	13755	14087
45°	13682	13322	13421
50°	13135	12937	12828
55°	12107	12133	12454
60°	11769	11710	11570
65°	11045	11079	11045
70°	10133	10505	10753
75°	8960	9943	10164
80°	7335	9448	10425
85°	5034	10217	12986

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 20115 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	3.8
10°-20°	275.9	10.6
20°-30°	403.2	15.5
30°-40°	462.4	17.8
40°-50°	454.4	17.5
50°-60°	387.9	14.9
60°-70°	282.9	10.9
70°-80°	165.5	6.4
80°-90°	60.4	2.3
90°-100°	11.2	0.4
100°-110°	1.6	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°	776.8	29.8
0°-40°	1239.1	47.6
0°-60°	2081.4	80.0
0°-90°	2590.2	99.5
90°-120°	12.9	0.5
90°-150°	12.9	0.5
90°-180°	13.0	0.5
0°-180°	2603.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1040	1040	1040	1040	1040	
5°	967	1029	1029	1048	1027	96
15°	975	977	970	990	978	273
25°	874	872	869	882	878	402
35°	743	745	740	741	736	465
45°	593	596	578	587	582	458
55°	426	441	427	428	438	390
65°	286	285	287	280	286	281
75°	142	150	158	162	161	152
85°	27	36	55	68	69	33
90°	1	10	24	36	40	2
95°	0	2	8	16	19	0
105°	0	0	1	3	4	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°	1039.8	1039.8	1039.8	*1039.8*	1039.8
2.5°	*1030.3*	*1031.2*	*1045.0*	*1047.6*	*1029.4*
5°	967.0	1028.6	1028.6	*1047.6*	1026.8
7.5°	1015.6	1019.0	1029.4	*1032.9*	1018.2
10°	1006.0	1008.6	1012.1	*1017.3*	1006.9
12.5°	966.1	1019.9	990.4	*998.2*	1011.2
15°	974.8	977.4	970.5	*989.5*	978.3
17.5°	952.2	945.3	961.8	*967.0*	955.7
20°	928.8	933.2	937.5	*945.3*	931.4
22.5°	901.9	902.8	908.9	*917.6*	906.3
25°	874.2	872.5	869.0	*882.0*	877.7
27.5°	842.1	847.3	829.1	*850.8*	843.0
30°	811.7	816.1	799.6	*814.3*	810.0
32.5°	777.1	781.4	776.2	*776.2*	774.5
35°	743.2	745.0	739.8	*740.6*	736.3
37.5°	712.0	703.3	694.7	*700.7*	691.2
40°	670.4	679.9	646.1	*662.6*	661.7
42.5°	632.2	635.7	626.2	*622.7*	612.3
45°	593.2	595.8	577.6	*587.1*	581.9
47.5°	555.9	567.2	548.1	*543.8*	557.6
50°	517.7	518.6	509.9	*503.9*	505.6
52.5°	477.9	488.3	465.7	*465.7*	466.6
55°	425.8	441.4	426.7	*427.6*	438.0
57.5°	399.8	398.1	397.2	*390.3*	392.0
60°	360.8	365.1	359.0	*353.8*	354.7
62.5°	314.8	322.6	320.0	*318.3*	320.9
65°	286.2	285.3	287.1	*280.1*	286.2
67.5°	248.0	248.9	253.2	*246.3*	254.1
70°	212.5	218.5	220.3	*221.1*	225.5
72.5°	180.4	181.3	188.2	*190.8*	195.1
75°	142.2	150.0	157.8	*162.2*	161.3
77.5°	110.1	117.9	127.5	*135.3*	137.9
80°	78.1	88.5	100.6	*110.1*	111.0
82.5°	52.0	59.8	77.2	*89.3*	91.9
85°	26.9	36.4	54.6	*67.6*	69.4
87.5°	9.5	19.9	38.2	*50.3*	53.8
90°	0.9	9.5	24.3	*35.6*	39.9
92.5°	0.0	3.5	14.7	*24.3*	27.8
95°	0.0	1.7	7.8	*15.6*	19.1
97.5°	0.0	0.9	4.3	*10.4*	12.1
100°	0.0	0.0	2.6	*6.9*	7.8
102.5°	0.0	0.0	1.7	*4.3*	5.2
105°	0.0	0.0	0.9	*2.6*	3.5
107.5°	0.0	0.0	0.9	*1.7*	1.7
110°	0.0	0.0	0.0	*0.9*	0.9

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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°	0.9	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	20.59	22.18	20.96	22.51	22.83	20.45	22.04	20.82	22.37	22.69
	3H	22.25	23.68	22.63	24.02	24.39	22.22	23.65	22.60	23.99	24.36
	4H	22.84	24.20	23.25	24.55	24.94	22.94	24.29	23.35	24.65	25.04
	6H	23.23	24.49	23.65	24.86	25.27	23.57	24.82	23.99	25.20	25.60
	8H	23.34	24.54	23.77	24.94	25.35	23.85	25.05	24.28	25.45	25.86
	12H	23.39	24.54	23.83	24.93	25.37	24.11	25.26	24.55	25.66	26.10
4H	2H	21.18	22.53	21.58	22.89	23.28	21.06	22.42	21.47	22.78	23.16
	3H	23.07	24.20	23.49	24.61	25.02	23.06	24.20	23.48	24.61	25.02
	4H	23.80	24.82	24.24	25.25	25.70	23.93	24.96	24.37	25.38	25.83
	6H	24.32	25.22	24.78	25.67	26.13	24.71	25.61	25.17	26.06	26.53
	8H	24.46	25.31	24.93	25.76	26.23	25.06	25.91	25.53	26.36	26.84
	12H	24.55	25.31	25.04	25.79	26.27	25.41	26.17	25.90	26.66	27.14
8H	4H	24.12	24.97	24.59	25.42	25.89	24.24	25.09	24.71	25.54	26.01
	6H	24.78	25.48	25.28	25.98	26.46	25.18	25.88	25.68	26.38	26.87
	8H	24.99	25.62	25.51	26.14	26.64	25.65	26.28	26.17	26.80	27.29
	12H	25.14	25.70	25.66	26.20	26.77	26.14	26.70	26.66	27.20	27.77
12H	4H	24.17	24.93	24.66	25.42	25.90	24.27	25.03	24.76	25.52	26.00
	6H	24.86	25.50	25.38	26.01	26.51	25.24	25.88	25.76	26.39	26.89
	8H	25.15	25.71	25.66	26.21	26.78	25.79	26.35	26.30	26.85	27.42

END OF REPORT