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: P1559196

Luminaire Tested: 2NWS3C5-3000-HIGH

Issue Date: 9/2/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1559196
	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-HIGH
Description:	2FT WRAP High Lumen 5 CCT SEL NUV 0-10V DIM 3000K
Light Source:	
Ballast/Driver:	-

Summary

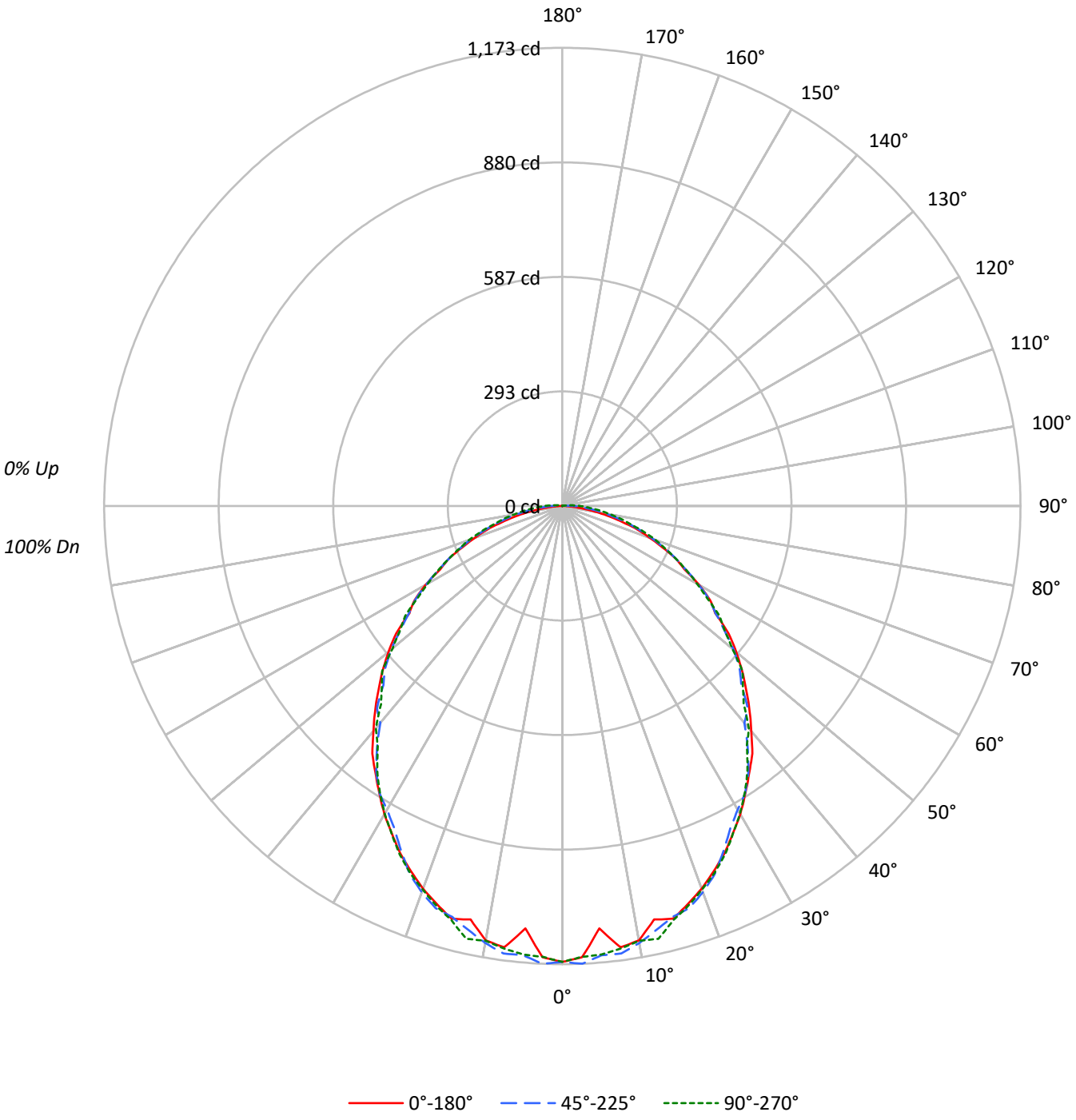
Lumens per Lamp:	N/A
Luminaire Lumens:	2921.5 lumens
Efficiency:	N/A
Efficacy:	131.0 lumens/watt
Spacing Criteria (0/90/45):	1.17 / 1.17 / 1.27
Luminous Opening:	Rectangular (W 0.33' x L: 2' x H: 0')
CIE Type:	Direct
Input Watts (W):	22.3
Input Voltage (V):	
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.9
Total Harmonic Distortion (THDi):	=20%
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°	19033	19033	19033
5°	17766	18897	18866
10°	18697	18811	18713
15°	18471	18389	18537
20°	18092	18260	18142
25°	17655	17550	17725
30°	17156	16900	17120
35°	16607	16529	16451
40°	16018	15437	15810
45°	15354	14950	15063
50°	14744	14521	14396
55°	13589	13617	13975
60°	13207	13142	12985
65°	12395	12434	12395
70°	11373	11788	12069
75°	10057	11160	11405
80°	8227	10604	11702
85°	5651	11471	14577

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
Vertical Angle: 87.5°
Luminance: 22546 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.7	3.8
10°-20°	309.6	10.6
20°-30°	452.5	15.5
30°-40°	518.9	17.8
40°-50°	509.9	17.5
50°-60°	435.3	14.9
60°-70°	317.5	10.9
70°-80°	185.8	6.4
80°-90°	67.8	2.3
90°-100°	12.6	0.4
100°-110°	1.8	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°	871.7	29.8
0°-40°	1390.6	47.6
0°-60°	2335.9	80.0
0°-90°	2907.0	99.5
90°-120°	14.5	0.5
90°-150°	14.5	0.5
90°-180°	15.0	0.5
0°-180°	2921.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1167	1167	1167	1167	1167	
5°	1085	1154	1154	1176	1152	108
15°	1094	1097	1089	1110	1098	306
25°	981	979	975	990	985	451
35°	834	836	830	831	826	522
45°	666	669	648	659	653	514
55°	478	495	479	480	492	437
65°	321	320	322	314	321	315
75°	160	168	177	182	181	171
85°	30	41	61	76	78	37
90°	1	11	27	40	45	2
95°	0	2	9	18	21	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°	1167.0	1167.0	1167.0	*1167.0*	1167.0
2.5°	*1156.3*	*1157.3*	*1172.8*	*1175.8*	*1155.3*
5°	1085.2	1154.3	1154.3	*1175.8*	1152.4
7.5°	1139.7	1143.6	1155.3	*1159.2*	1142.7
10°	1129.0	1132.0	1135.9	*1141.7*	1130.0
12.5°	1084.3	1144.6	1111.5	*1120.3*	1134.9
15°	1094.0	1096.9	1089.1	*1110.5*	1097.9
17.5°	1068.7	1060.9	1079.4	*1085.2*	1072.6
20°	1042.4	1047.3	1052.1	*1060.9*	1045.3
22.5°	1012.2	1013.2	1020.0	*1029.8*	1017.1
25°	981.1	979.1	975.3	*989.9*	985.0
27.5°	945.1	950.9	930.5	*954.8*	946.1
30°	911.0	915.9	897.4	*913.9*	909.1
32.5°	872.1	877.0	871.1	*871.1*	869.2
35°	834.1	836.1	830.2	*831.2*	826.3
37.5°	799.1	789.4	779.6	*786.4*	775.7
40°	752.4	763.1	725.1	*743.6*	742.6
42.5°	709.5	713.4	702.7	*698.8*	687.2
45°	665.7	668.7	648.2	*658.9*	653.1
47.5°	623.9	636.5	615.1	*610.3*	625.8
50°	581.1	582.0	572.3	*565.5*	567.4
52.5°	536.3	548.0	522.7	*522.7*	523.6
55°	477.9	495.4	478.9	*479.8*	491.5
57.5°	448.7	446.7	445.8	*438.0*	439.9
60°	404.9	409.8	402.9	*397.1*	398.1
62.5°	353.3	362.1	359.2	*357.2*	360.1
65°	321.2	320.2	322.2	*314.4*	321.2
67.5°	278.4	279.3	284.2	*276.4*	285.2
70°	238.5	245.3	247.2	*248.2*	253.1
72.5°	202.4	203.4	211.2	*214.1*	219.0
75°	159.6	168.4	177.1	*182.0*	181.0
77.5°	123.6	132.4	143.1	*151.8*	154.8
80°	87.6	99.3	112.9	*123.6*	124.6
82.5°	58.4	67.2	86.6	*100.3*	103.2
85°	30.2	40.9	61.3	*75.9*	77.9
87.5°	10.7	22.4	42.8	*56.5*	60.3
90°	1.0	10.7	27.3	*39.9*	44.8
92.5°	0.0	3.9	16.5	*27.3*	31.1
95°	0.0	1.9	8.8	*17.5*	21.4
97.5°	0.0	1.0	4.9	*11.7*	13.6
100°	0.0	0.0	2.9	*7.8*	8.8
102.5°	0.0	0.0	1.9	*4.9*	5.8
105°	0.0	0.0	1.0	*2.9*	3.9
107.5°	0.0	0.0	1.0	*1.9*	1.9
110°	0.0	0.0	0.0	*1.0*	1.0

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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°	1.0	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	20.99	22.58	21.36	22.91	23.23	20.85	22.44	21.22	22.77	23.09
	3H	22.65	24.08	23.03	24.42	24.80	22.62	24.05	23.00	24.39	24.76
	4H	23.24	24.60	23.65	24.95	25.34	23.34	24.69	23.75	25.05	25.44
	6H	23.64	24.89	24.05	25.27	25.67	23.97	25.23	24.39	25.60	26.00
	8H	23.74	24.94	24.17	25.34	25.75	24.25	25.45	24.68	25.85	26.26
	12H	23.79	24.94	24.23	25.33	25.77	24.52	25.66	24.95	26.06	26.50
4H	2H	21.58	22.93	21.98	23.29	23.68	21.46	22.82	21.87	23.18	23.56
	3H	23.47	24.60	23.89	25.01	25.42	23.46	24.60	23.88	25.01	25.42
	4H	24.20	25.22	24.64	25.65	26.10	24.33	25.36	24.77	25.78	26.23
	6H	24.72	25.62	25.18	26.07	26.53	25.11	26.01	25.57	26.46	26.93
	8H	24.86	25.71	25.33	26.16	26.64	25.46	26.31	25.93	26.76	27.24
	12H	24.95	25.71	25.44	26.19	26.67	25.81	26.57	26.30	27.06	27.54
8H	4H	24.52	25.37	24.99	25.82	26.30	24.64	25.49	25.11	25.94	26.42
	6H	25.18	25.88	25.68	26.38	26.86	25.58	26.28	26.08	26.78	27.27
	8H	25.39	26.03	25.91	26.54	27.04	26.05	26.68	26.57	27.20	27.70
	12H	25.54	26.10	26.06	26.60	27.17	26.54	27.10	27.06	27.60	28.18
12H	4H	24.57	25.33	25.06	25.82	26.30	24.67	25.43	25.16	25.92	26.40
	6H	25.26	25.90	25.78	26.41	26.91	25.65	26.28	26.16	26.79	27.29
	8H	25.55	26.11	26.06	26.61	27.18	26.19	26.75	26.70	27.25	27.82

END OF REPORT