

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P709686

Luminaire Tested: **2AWS-L3C3-UNV-5000K-MID**

Issue Date: 9/26/2023

Test Information

Test Method: LM-79-08
Report Number: P709686
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2307-090-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 9/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2AWS-L3C3-UNV-5000K-MID
Description: 2foot, Adapt Surface Wrap with, RD lens and MID lumen setting,
5000K, 80CRI

Light Source: -
Ballast/Driver: -

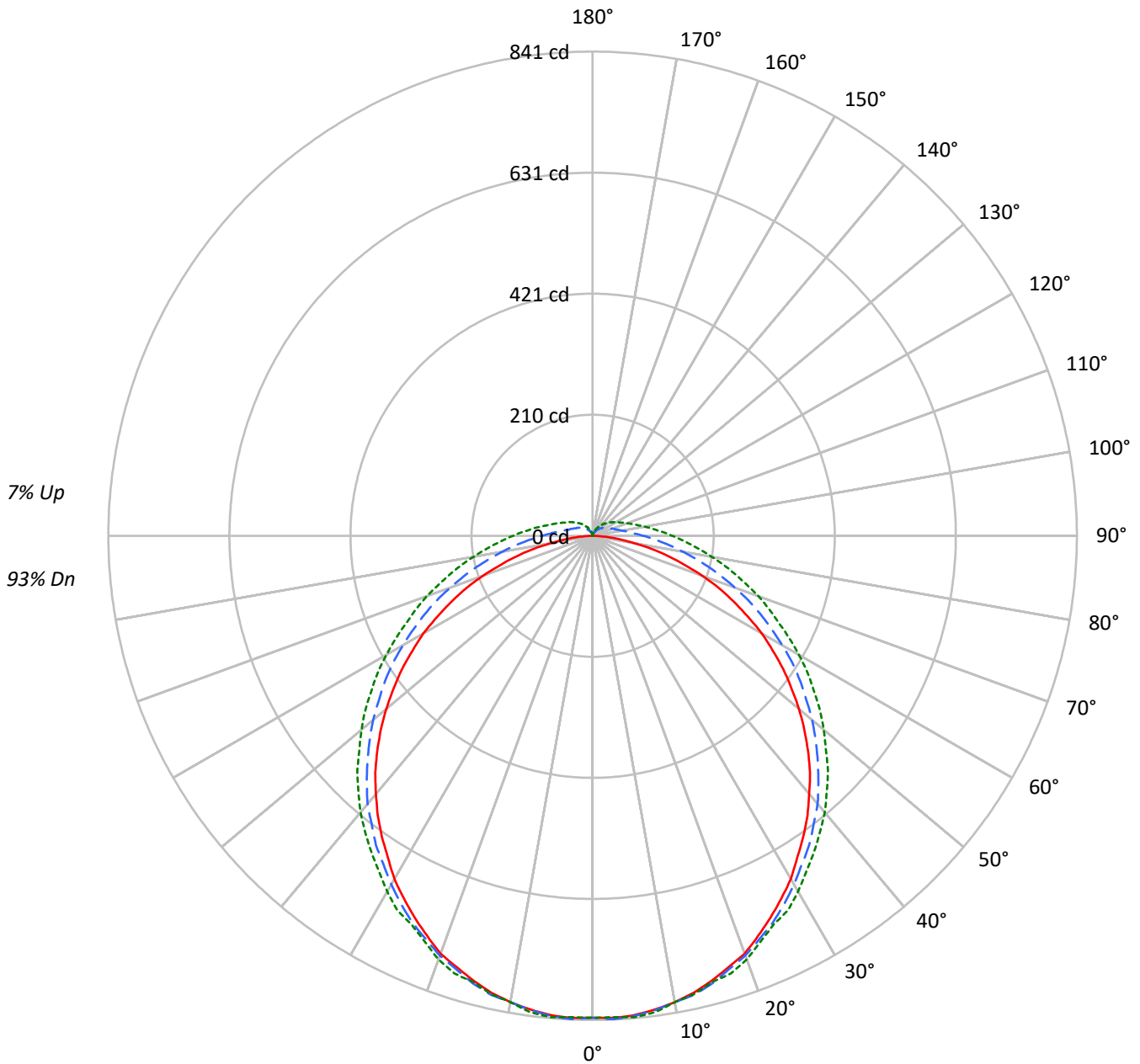
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2711.1 lumens
Efficiency: N/A
Efficacy: 123.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.26 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 1.71' x H: 0.12')
CIE Type: Direct

Input Watts (W): 22
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93																			
1	106	101	96	92	102	98	93	89	92	89	85	87	84	81	82	80	78	75																			
2	96	87	80	74	93	85	78	72	80	74	70	76	71	67	71	68	64	62																			
3	87	76	68	61	84	74	66	60	70	63	58	66	61	56	63	58	54	52																			
4	80	67	58	51	77	65	57	51	62	55	49	59	53	48	56	51	46	44																			
5	73	60	51	44	71	58	50	43	56	48	42	53	46	41	50	45	40	38																			
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	35	33																			
7	63	49	40	34	60	48	39	33	46	38	33	43	37	32	42	36	31	29																			
8	58	45	36	30	56	44	35	30	42	34	29	40	33	29	38	32	28	26																			
9	54	41	33	27	53	40	32	27	38	31	26	37	30	26	35	29	25	23																			
10	51	38	30	24	49	37	29	24	35	29	24	34	28	23	33	27	23	21																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	11454	11454	11454
5°	11411	11267	11273
10°	11290	10977	10928
15°	11122	10726	10622
20°	10965	10410	10414
25°	10695	10087	10023
30°	10452	9731	9798
35°	10157	9414	9468
40°	9872	9076	9190
45°	9562	8669	8871
50°	9186	8283	8510
55°	8763	7869	8149
60°	8280	7402	7799
65°	7593	6929	7394
70°	6796	6394	7127
75°	5677	5853	6842
80°	4121	5400	6668
85°	2196	5070	6715



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.4	2.9
10°-20°	226.6	8.4
20°-30°	340.9	12.6
30°-40°	409.4	15.1
40°-50°	426.3	15.7
50°-60°	391.7	14.4
60°-70°	314.6	11.6
70°-80°	214.5	7.9
80°-90°	121.9	4.5
90°-100°	68.3	2.5
100°-110°	43.2	1.6
110°-120°	29.5	1.1
120°-130°	20.3	0.7
130°-140°	12.9	0.5
140°-150°	7.2	0.3
150°-160°	3.3	0.1
160°-170°	1.0	0.0
170°-180°	0.1	0.0
0°-30°	646.9	23.9
0°-40°	1056.3	39.0
0°-60°	1874.3	69.1
0°-90°	2525.3	93.1
90°-120°	141.0	5.2
90°-150°	181.4	6.7
90°-180°	186.0	6.9
0°-180°	2711.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	837	837	837	837	837	
5°	836	837	837	838	839	79
15°	800	799	805	807	802	226
25°	732	732	741	748	745	337
35°	638	642	656	666	670	399
45°	529	535	553	570	578	408
55°	404	416	440	460	469	361
65°	270	290	321	345	356	268
75°	136	164	207	242	255	143
85°	25	65	119	157	170	31
90°	1	38	88	124	138	1
95°	0	24	66	100	112	0
105°	0	16	42	66	76	0
115°	0	12	31	48	54	0
125°	1	8	24	36	41	1
135°	1	7	18	26	30	1
145°	1	5	12	18	19	1
155°	1	4	7	11	12	1
165°	1	2	4	5	6	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	837.0	837.0	837.0	837.0	837.0
2.5°	838.2	837.0	840.6	839.4	837.0
5°	835.8	837.0	837.0	838.2	839.4
7.5°	829.8	827.4	831.0	834.6	834.6
10°	822.6	820.2	822.6	825.0	822.6
12.5°	813.0	808.2	816.6	816.6	815.4
15°	799.8	798.6	804.6	807.0	802.2
17.5°	785.4	789.0	789.0	793.8	797.4
20°	772.2	769.8	775.8	779.4	783.0
22.5°	751.8	750.6	757.8	763.8	762.6
25°	731.5	731.5	741.0	748.2	744.6
27.5°	709.9	709.9	720.7	727.9	733.8
30°	688.3	690.7	699.1	708.7	713.5
32.5°	661.9	667.9	676.3	689.5	690.7
35°	637.9	641.5	655.9	665.5	670.3
37.5°	612.7	613.9	630.7	643.9	648.7
40°	585.2	587.6	607.9	619.9	627.1
42.5°	558.8	561.2	580.4	596.0	601.9
45°	528.8	534.8	552.8	569.6	578.0
47.5°	498.8	507.2	525.2	544.4	549.2
50°	467.6	476.0	497.6	513.2	524.0
52.5°	435.3	446.1	467.6	488.0	497.6
55°	404.1	416.1	440.1	460.5	468.8
57.5°	370.5	384.9	411.3	432.9	442.5
60°	339.3	351.3	380.1	402.9	413.7
62.5°	303.4	319.0	350.1	375.3	384.9
65°	269.8	290.2	321.4	345.3	356.1
67.5°	237.4	257.8	292.6	317.8	331.0
70°	202.6	225.4	262.6	291.4	305.8
72.5°	166.7	193.1	235.0	267.4	279.4
75°	135.5	164.3	207.4	242.2	255.4
77.5°	104.3	134.3	182.3	218.2	232.6
80°	73.1	106.7	159.5	196.7	209.8
82.5°	48.0	85.1	137.9	175.1	189.5
85°	25.2	64.8	118.7	157.1	170.3
87.5°	8.4	49.2	101.9	140.3	153.5
90°	1.2	38.4	87.5	123.5	137.9
92.5°	0.0	30.0	75.5	111.5	124.7
95°	0.0	24.0	66.0	99.5	111.5
97.5°	0.0	20.4	58.8	88.7	101.9
100°	0.0	18.0	51.6	80.3	91.1
102.5°	0.0	16.8	46.8	71.9	82.7
105°	0.0	15.6	42.0	66.0	75.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	12.0	33.6	51.6	58.8
115°	0.0	12.0	31.2	48.0	54.0
117.5°	0.0	10.8	30.0	44.4	50.4
120°	0.0	9.6	27.6	42.0	48.0
122.5°	0.0	9.6	25.2	39.6	44.4
125°	1.2	8.4	24.0	36.0	40.8
127.5°	1.2	8.4	22.8	33.6	38.4
130°	1.2	7.2	20.4	31.2	34.8
132.5°	1.2	7.2	19.2	28.8	32.4
135°	1.2	7.2	18.0	26.4	30.0
137.5°	1.2	6.0	15.6	24.0	27.6
140°	1.2	6.0	14.4	21.6	25.2
142.5°	1.2	6.0	13.2	19.2	22.8
145°	1.2	4.8	12.0	18.0	19.2
147.5°	1.2	4.8	10.8	15.6	18.0
150°	1.2	3.6	9.6	13.2	15.6
152.5°	1.2	3.6	8.4	12.0	13.2
155°	1.2	3.6	7.2	10.8	12.0
157.5°	1.2	3.6	6.0	9.6	9.6
160°	1.2	2.4	4.8	7.2	8.4
162.5°	1.2	2.4	4.8	6.0	7.2
165°	1.2	2.4	3.6	4.8	6.0
167.5°	1.2	1.2	2.4	3.6	4.8
170°	1.2	1.2	2.4	2.4	3.6
172.5°	1.2	1.2	1.2	1.2	2.4
175°	1.2	1.2	1.2	1.2	1.2
177.5°	1.2	1.2	1.2	0.0	0.0
180°	1.2	1.2	1.2	1.2	1.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







107.5°	0.0	14.4	39.6	60.0	69.5
110°	0.0	13.2	36.0	55.2	63.6



(END OF REPORT)