

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: P709684

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

Issue Date: 9/26/2023



Test Information

Test Method: LM-79-08
Report Number: P709684
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-HI
Description: 2foot, Adapt Surface Wrap with, RD lens and HI lumen setting,
5000K, 80CRI

Light Source: -
Ballast/Driver: -

Summary

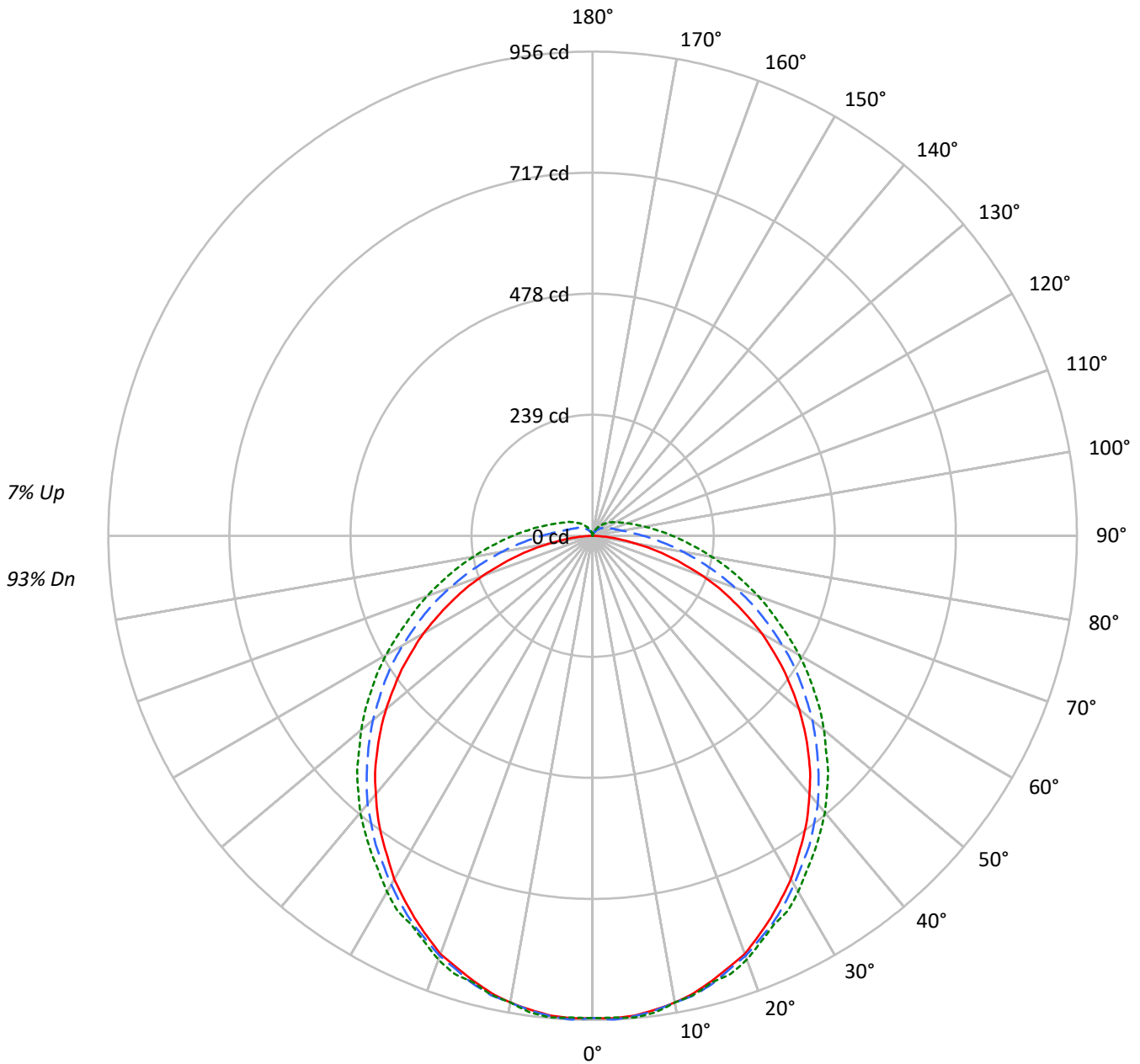
Lumens per Lamp: N/A
Luminaire Lumens: 3084.0 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.26 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 1.71' x H: 0.12')
CIE Type: Direct

Input Watts (W): 26
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°	13029	13029	13029
5°	12981	12816	12824
10°	12844	12488	12431
15°	12651	12202	12084
20°	12474	11844	11846
25°	12166	11476	11403
30°	11890	11070	11145
35°	11555	10710	10770
40°	11230	10326	10455
45°	10879	9861	10092
50°	10452	9423	9681
55°	9968	8951	9271
60°	9419	8420	8871
65°	8637	7881	8411
70°	7732	7273	8106
75°	6457	6660	7782
80°	4690	6142	7586
85°	2492	5767	7638



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	2.9
10°-20°	257.7	8.4
20°-30°	387.8	12.6
30°-40°	465.7	15.1
40°-50°	485.0	15.7
50°-60°	445.6	14.4
60°-70°	357.9	11.6
70°-80°	244.0	7.9
80°-90°	138.7	4.5
90°-100°	77.7	2.5
100°-110°	49.1	1.6
110°-120°	33.6	1.1
120°-130°	23.0	0.7
130°-140°	14.7	0.5
140°-150°	8.2	0.3
150°-160°	3.7	0.1
160°-170°	1.2	0.0
170°-180°	0.2	0.0
0°-30°	735.9	23.9
0°-40°	1201.6	39.0
0°-60°	2132.2	69.1
0°-90°	2872.7	93.1
90°-120°	160.4	5.2
90°-150°	206.2	6.7
90°-180°	211.0	6.8
0°-180°	3084.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	951	952	952	954	955	90
15°	910	908	915	918	913	257
25°	832	832	843	851	847	384
35°	726	730	746	757	762	454
45°	602	608	629	648	658	464
55°	460	473	501	524	533	410
65°	307	330	366	393	405	304
75°	154	187	236	276	290	163
85°	29	74	135	179	194	35
90°	1	44	100	140	157	2
95°	0	27	75	113	127	0
105°	0	18	48	75	86	0
115°	0	14	36	55	61	0
125°	1	10	27	41	46	1
135°	1	8	20	30	34	1
145°	1	6	14	20	22	1
155°	1	4	8	12	14	1
165°	1	3	4	6	7	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°	952.1	952.1	952.1	952.1	952.1
2.5°	953.5	952.1	956.2	954.9	952.1
5°	950.8	952.1	952.1	953.5	954.9
7.5°	943.9	941.2	945.3	949.4	949.4
10°	935.8	933.0	935.8	938.5	935.8
12.5°	924.8	919.4	928.9	928.9	927.6
15°	909.8	908.5	915.3	918.0	912.6
17.5°	893.5	897.6	897.6	903.0	907.1
20°	878.5	875.7	882.6	886.7	890.7
22.5°	855.3	853.9	862.1	868.9	867.6
25°	832.1	832.1	843.0	851.2	847.1
27.5°	807.5	807.5	819.8	828.0	834.8
30°	783.0	785.7	795.3	806.2	811.6
32.5°	753.0	759.8	769.3	784.3	785.7
35°	725.7	729.8	746.2	757.1	762.5
37.5°	697.0	698.4	717.5	732.5	738.0
40°	665.7	668.4	691.6	705.2	713.4
42.5°	635.7	638.4	660.2	677.9	684.8
45°	601.6	608.4	628.8	647.9	657.5
47.5°	567.5	577.0	597.5	619.3	624.7
50°	532.0	541.5	566.1	583.8	596.1
52.5°	495.2	507.4	532.0	555.2	566.1
55°	459.7	473.3	500.6	523.8	533.4
57.5°	421.5	437.9	467.9	492.4	503.3
60°	386.0	399.7	432.4	458.3	470.6
62.5°	345.1	362.8	398.3	427.0	437.9
65°	306.9	330.1	365.6	392.9	405.1
67.5°	270.1	293.3	332.8	361.5	376.5
70°	230.5	256.4	298.7	331.5	347.8
72.5°	189.6	219.6	267.4	304.2	317.8
75°	154.1	186.9	236.0	275.5	290.5
77.5°	118.7	152.8	207.3	248.3	264.6
80°	83.2	121.4	181.4	223.7	238.7
82.5°	54.6	96.8	156.9	199.2	215.5
85°	28.6	73.7	135.0	178.7	193.7
87.5°	9.5	55.9	115.9	159.6	174.6
90°	1.4	43.7	99.6	140.5	156.9
92.5°	0.0	34.1	85.9	126.9	141.9
95°	0.0	27.3	75.0	113.2	126.9
97.5°	0.0	23.2	66.8	100.9	115.9
100°	0.0	20.5	58.7	91.4	103.7
102.5°	0.0	19.1	53.2	81.8	94.1
105°	0.0	17.7	47.7	75.0	85.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	13.6	38.2	58.7	66.8
115°	0.0	13.6	35.5	54.6	61.4
117.5°	0.0	12.3	34.1	50.5	57.3
120°	0.0	10.9	31.4	47.7	54.6
122.5°	0.0	10.9	28.6	45.0	50.5
125°	1.4	9.5	27.3	40.9	46.4
127.5°	1.4	9.5	25.9	38.2	43.7
130°	1.4	8.2	23.2	35.5	39.6
132.5°	1.4	8.2	21.8	32.7	36.8
135°	1.4	8.2	20.5	30.0	34.1
137.5°	1.4	6.8	17.7	27.3	31.4
140°	1.4	6.8	16.4	24.6	28.6
142.5°	1.4	6.8	15.0	21.8	25.9
145°	1.4	5.5	13.6	20.5	21.8
147.5°	1.4	5.5	12.3	17.7	20.5
150°	1.4	4.1	10.9	15.0	17.7
152.5°	1.4	4.1	9.5	13.6	15.0
155°	1.4	4.1	8.2	12.3	13.6
157.5°	1.4	4.1	6.8	10.9	10.9
160°	1.4	2.7	5.5	8.2	9.5
162.5°	1.4	2.7	5.5	6.8	8.2
165°	1.4	2.7	4.1	5.5	6.8
167.5°	1.4	1.4	2.7	4.1	5.5
170°	1.4	1.4	2.7	2.7	4.1
172.5°	1.4	1.4	1.4	1.4	2.7
175°	1.4	1.4	1.4	1.4	1.4
177.5°	1.4	1.4	1.4	0.0	0.0
180°	1.4	1.4	1.4	1.4	1.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







107.5°	0.0	16.4	45.0	68.2	79.1
110°	0.0	15.0	40.9	62.7	72.3



(END OF REPORT)