

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: P709681

Luminaire Tested: **2AWS-L3C3-UNV-4000K-HI**

Issue Date: 9/26/2023

Test Information

Test Method: LM-79-08
Report Number: P709681
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-4000K-HI
Description: 2foot, Adapt Surface Wrap with, RD lens and HI lumen setting,
4000K, 80CRI

Light Source: -
Ballast/Driver: -

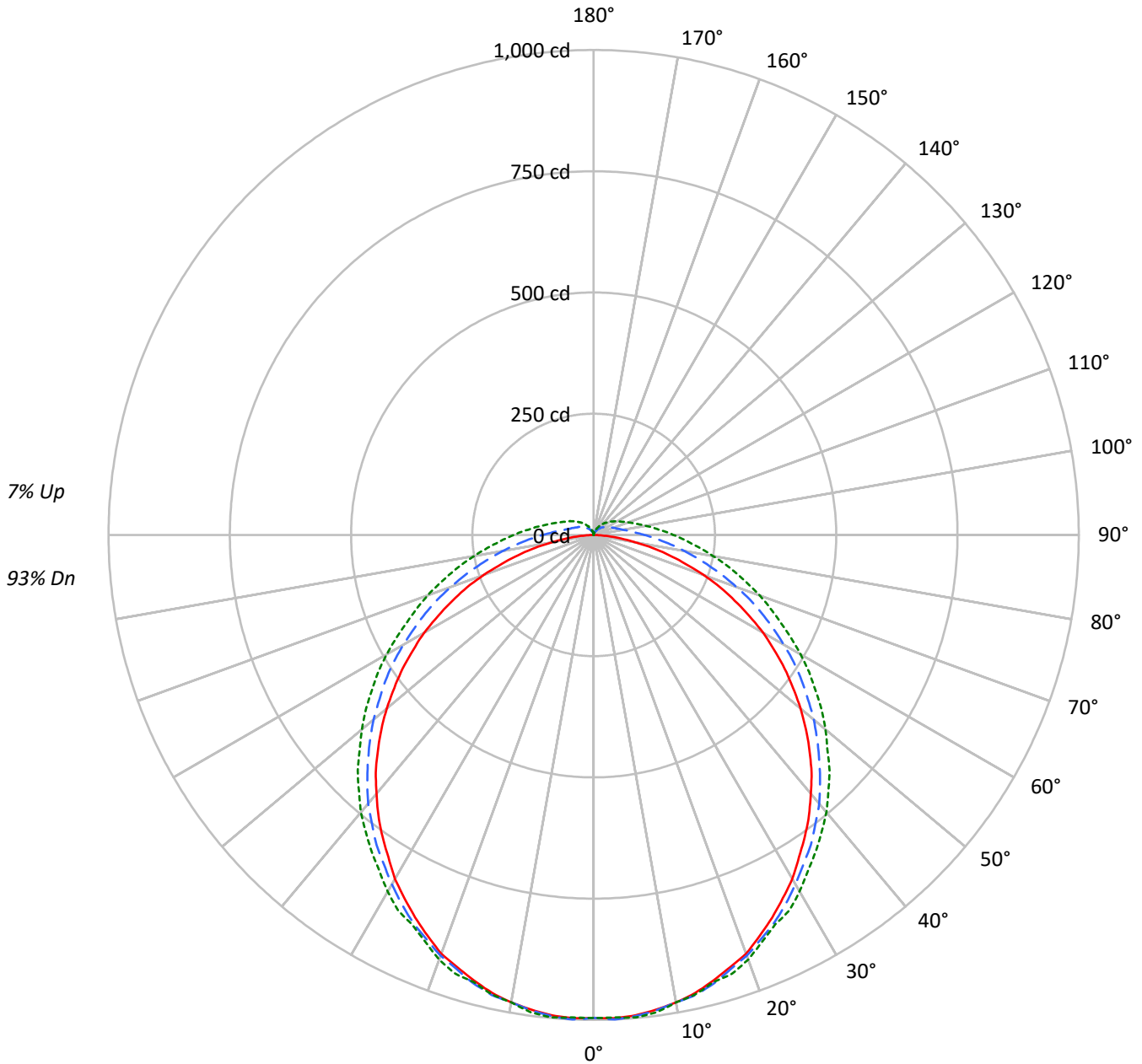
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3226.0 lumens
Efficiency: N/A
Efficacy: 129.0 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): 25
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°	13629	13629	13629
5°	13577	13407	13414
10°	13434	13062	13003
15°	13234	12763	12640
20°	13048	12388	12393
25°	12726	12004	11928
30°	12437	11580	11659
35°	12087	11202	11266
40°	11747	10801	10937
45°	11380	10315	10557
50°	10933	9857	10127
55°	10428	9364	9697
60°	9854	8808	9280
65°	9034	8244	8800
70°	8087	7609	8481
75°	6754	6967	8141
80°	4904	6426	7936
85°	2614	6036	7989



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.5	2.9
10°-20°	269.6	8.4
20°-30°	405.7	12.6
30°-40°	487.2	15.1
40°-50°	507.3	15.7
50°-60°	466.1	14.4
60°-70°	374.4	11.6
70°-80°	255.2	7.9
80°-90°	145.1	4.5
90°-100°	81.3	2.5
100°-110°	51.4	1.6
110°-120°	35.1	1.1
120°-130°	24.1	0.7
130°-140°	15.3	0.5
140°-150°	8.5	0.3
150°-160°	3.9	0.1
160°-170°	1.2	0.0
170°-180°	0.2	0.0
0°-30°	769.8	23.9
0°-40°	1257.0	39.0
0°-60°	2230.4	69.1
0°-90°	3005.0	93.1
90°-120°	167.8	5.2
90°-150°	215.7	6.7
90°-180°	221.0	6.9
0°-180°	3226.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	996	996	996	996	996	
5°	994	996	996	997	999	94
15°	952	950	957	960	955	269
25°	870	870	882	890	886	401
35°	759	763	780	792	798	475
45°	629	636	658	678	688	485
55°	481	495	524	548	558	429
65°	321	345	382	411	424	318
75°	161	196	247	288	304	171
85°	30	77	141	187	203	37
90°	1	46	104	147	164	2
95°	0	28	78	118	133	0
105°	0	18	50	78	90	0
115°	0	14	37	57	64	0
125°	1	10	28	43	48	1
135°	1	9	21	31	36	1
145°	1	6	14	21	23	1
155°	1	4	9	13	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°	996.0	996.0	996.0	996.0	996.0
2.5°	997.4	996.0	1000.2	998.8	996.0
5°	994.5	996.0	996.0	997.4	998.8
7.5°	987.4	984.6	988.8	993.1	993.1
10°	978.8	976.0	978.8	981.7	978.8
12.5°	967.4	961.7	971.7	971.7	970.3
15°	951.7	950.3	957.4	960.3	954.6
17.5°	934.6	938.9	938.9	944.6	948.9
20°	918.9	916.1	923.2	927.5	931.8
22.5°	894.7	893.2	901.8	908.9	907.5
25°	870.4	870.4	881.8	890.4	886.1
27.5°	844.7	844.7	857.6	866.1	873.3
30°	819.0	821.9	831.9	843.3	849.0
32.5°	787.6	794.8	804.8	820.5	821.9
35°	759.1	763.4	780.5	791.9	797.6
37.5°	729.1	730.6	750.5	766.2	771.9
40°	696.3	699.2	723.4	737.7	746.3
42.5°	664.9	667.8	690.6	709.2	716.3
45°	629.3	636.4	657.8	677.8	687.8
47.5°	593.6	603.6	625.0	647.8	653.5
50°	556.5	566.5	592.2	610.7	623.6
52.5°	518.0	530.8	556.5	580.7	592.2
55°	480.9	495.1	523.7	547.9	557.9
57.5°	440.9	458.0	489.4	515.1	526.5
60°	403.8	418.1	452.3	479.4	492.3
62.5°	361.0	379.6	416.7	446.6	458.0
65°	321.0	345.3	382.4	410.9	423.8
67.5°	282.5	306.8	348.2	378.1	393.8
70°	241.1	268.3	312.5	346.7	363.9
72.5°	198.3	229.7	279.7	318.2	332.5
75°	161.2	195.5	246.9	288.2	303.9
77.5°	124.1	159.8	216.9	259.7	276.8
80°	87.0	127.0	189.8	234.0	249.7
82.5°	57.1	101.3	164.1	208.3	225.4
85°	30.0	77.1	141.3	186.9	202.6
87.5°	10.0	58.5	121.3	166.9	182.6
90°	1.4	45.7	104.2	147.0	164.1
92.5°	0.0	35.7	89.9	132.7	148.4
95°	0.0	28.5	78.5	118.4	132.7
97.5°	0.0	24.3	69.9	105.6	121.3
100°	0.0	21.4	61.4	95.6	108.4
102.5°	0.0	20.0	55.6	85.6	98.5
105°	0.0	18.5	49.9	78.5	89.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	14.3	40.0	61.4	69.9
115°	0.0	14.3	37.1	57.1	64.2
117.5°	0.0	12.8	35.7	52.8	59.9
120°	0.0	11.4	32.8	49.9	57.1
122.5°	0.0	11.4	30.0	47.1	52.8
125°	1.4	10.0	28.5	42.8	48.5
127.5°	1.4	10.0	27.1	40.0	45.7
130°	1.4	8.6	24.3	37.1	41.4
132.5°	1.4	8.6	22.8	34.2	38.5
135°	1.4	8.6	21.4	31.4	35.7
137.5°	1.4	7.1	18.5	28.5	32.8
140°	1.4	7.1	17.1	25.7	30.0
142.5°	1.4	7.1	15.7	22.8	27.1
145°	1.4	5.7	14.3	21.4	22.8
147.5°	1.4	5.7	12.8	18.5	21.4
150°	1.4	4.3	11.4	15.7	18.5
152.5°	1.4	4.3	10.0	14.3	15.7
155°	1.4	4.3	8.6	12.8	14.3
157.5°	1.4	4.3	7.1	11.4	11.4
160°	1.4	2.9	5.7	8.6	10.0
162.5°	1.4	2.9	5.7	7.1	8.6
165°	1.4	2.9	4.3	5.7	7.1
167.5°	1.4	1.4	2.9	4.3	5.7
170°	1.4	1.4	2.9	2.9	4.3
172.5°	1.4	1.4	1.4	1.4	2.9
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	17.1	47.1	71.3	82.8
110°	0.0	15.7	42.8	65.6	75.6



(END OF REPORT)