

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: P709682

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

Issue Date: 9/26/2023

Test Information

Test Method: LM-79-08
Report Number: P709682
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-LOW
Description: 2foot, Adapt Surface Wrap with, RD lens and LOW lumen setting,
4000K, 80CRI

Light Source: -
Ballast/Driver: -

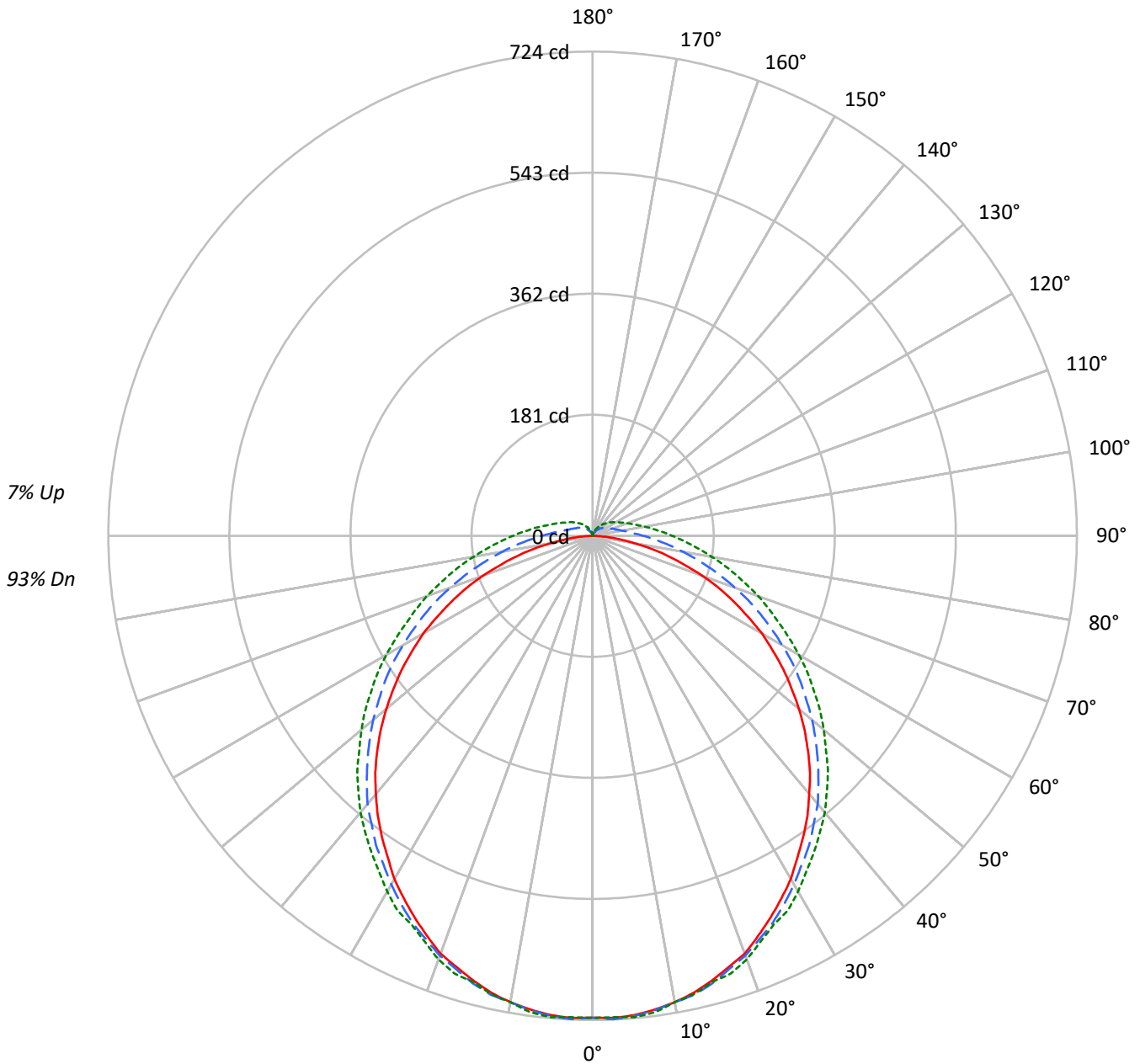
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2334.0 lumens
Efficiency: N/A
Efficacy: 137.3 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): 17
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°	9861	9861	9861
5°	9823	9700	9704
10°	9720	9451	9408
15°	9575	9234	9144
20°	9440	8963	8965
25°	9206	8685	8630
30°	8999	8378	8435
35°	8745	8105	8152
40°	8499	7815	7912
45°	8233	7463	7637
50°	7909	7131	7326
55°	7544	6775	7015
60°	7130	6374	6715
65°	6538	5965	6366
70°	5853	5505	6134
75°	4890	5040	5891
80°	3551	4649	5743
85°	1891	4366	5781



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.4	2.9
10°-20°	195.1	8.4
20°-30°	293.5	12.6
30°-40°	352.5	15.1
40°-50°	367.0	15.7
50°-60°	337.2	14.4
60°-70°	270.8	11.6
70°-80°	184.7	7.9
80°-90°	104.9	4.5
90°-100°	58.8	2.5
100°-110°	37.2	1.6
110°-120°	25.4	1.1
120°-130°	17.4	0.7
130°-140°	11.1	0.5
140°-150°	6.2	0.3
150°-160°	2.8	0.1
160°-170°	0.9	0.0
170°-180°	0.1	0.0
0°-30°	556.9	23.9
0°-40°	909.4	39.0
0°-60°	1613.7	69.1
0°-90°	2174.1	93.2
90°-120°	121.4	5.2
90°-150°	156.1	6.7
90°-180°	160.0	6.9
0°-180°	2334.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	721	721	721	721	721	
5°	720	721	721	722	723	68
15°	689	688	693	695	691	194
25°	630	630	638	644	641	290
35°	549	552	565	573	577	344
45°	455	460	476	490	498	351
55°	348	358	379	396	404	311
65°	232	250	277	297	307	230
75°	117	141	179	208	220	124
85°	22	56	102	135	147	27
90°	1	33	75	106	119	1
95°	0	21	57	86	96	0
105°	0	13	36	57	65	0
115°	0	10	27	41	46	0
125°	1	7	21	31	35	1
135°	1	6	16	23	26	1
145°	1	4	10	16	16	1
155°	1	3	6	9	10	0
165°	1	2	3	4	5	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°	720.6	720.6	720.6	720.6	720.6
2.5°	721.6	720.6	723.7	722.6	720.6
5°	719.5	720.6	720.6	721.6	722.6
7.5°	714.4	712.3	715.4	718.5	718.5
10°	708.2	706.1	708.2	710.3	708.2
12.5°	699.9	695.8	703.0	703.0	702.0
15°	688.6	687.5	692.7	694.8	690.6
17.5°	676.2	679.3	679.3	683.4	686.5
20°	664.8	662.8	667.9	671.0	674.1
22.5°	647.3	646.3	652.4	657.6	656.6
25°	629.7	629.7	638.0	644.2	641.1
27.5°	611.2	611.2	620.4	626.6	631.8
30°	592.6	594.6	601.9	610.1	614.2
32.5°	569.9	575.0	582.2	593.6	594.6
35°	549.2	552.3	564.7	573.0	577.1
37.5°	527.5	528.6	543.0	554.4	558.5
40°	503.8	505.9	523.4	533.7	539.9
42.5°	481.1	483.1	499.7	513.1	518.2
45°	455.3	460.4	475.9	490.4	497.6
47.5°	429.5	436.7	452.2	468.7	472.8
50°	402.6	409.8	428.4	441.8	451.1
52.5°	374.7	384.0	402.6	420.2	428.4
55°	347.9	358.2	378.9	396.4	403.6
57.5°	319.0	331.4	354.1	372.7	380.9
60°	292.2	302.5	327.3	346.9	356.2
62.5°	261.2	274.6	301.4	323.1	331.4
65°	232.3	249.8	276.7	297.3	306.6
67.5°	204.4	222.0	251.9	273.6	284.9
70°	174.5	194.1	226.1	250.9	263.2
72.5°	143.5	166.2	202.3	230.2	240.5
75°	116.7	141.4	178.6	208.5	219.9
77.5°	89.8	115.6	156.9	187.9	200.3
80°	63.0	91.9	137.3	169.3	180.7
82.5°	41.3	73.3	118.7	150.7	163.1
85°	21.7	55.7	102.2	135.2	146.6
87.5°	7.2	42.3	87.7	120.8	132.1
90°	1.0	33.0	75.4	106.3	118.7
92.5°	0.0	25.8	65.0	96.0	107.4
95°	0.0	20.6	56.8	85.7	96.0
97.5°	0.0	17.5	50.6	76.4	87.7
100°	0.0	15.5	44.4	69.2	78.5
102.5°	0.0	14.5	40.3	61.9	71.2
105°	0.0	13.4	36.1	56.8	65.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	10.3	28.9	44.4	50.6
115°	0.0	10.3	26.8	41.3	46.5
117.5°	0.0	9.3	25.8	38.2	43.4
120°	0.0	8.3	23.7	36.1	41.3
122.5°	0.0	8.3	21.7	34.1	38.2
125°	1.0	7.2	20.6	31.0	35.1
127.5°	1.0	7.2	19.6	28.9	33.0
130°	1.0	6.2	17.5	26.8	29.9
132.5°	1.0	6.2	16.5	24.8	27.9
135°	1.0	6.2	15.5	22.7	25.8
137.5°	1.0	5.2	13.4	20.6	23.7
140°	1.0	5.2	12.4	18.6	21.7
142.5°	1.0	5.2	11.4	16.5	19.6
145°	1.0	4.1	10.3	15.5	16.5
147.5°	1.0	4.1	9.3	13.4	15.5
150°	1.0	3.1	8.3	11.4	13.4
152.5°	1.0	3.1	7.2	10.3	11.4
155°	1.0	3.1	6.2	9.3	10.3
157.5°	1.0	3.1	5.2	8.3	8.3
160°	1.0	2.1	4.1	6.2	7.2
162.5°	1.0	2.1	4.1	5.2	6.2
165°	1.0	2.1	3.1	4.1	5.2
167.5°	1.0	1.0	2.1	3.1	4.1
170°	1.0	1.0	2.1	2.1	3.1
172.5°	1.0	1.0	1.0	1.0	2.1
175°	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	0.0	0.0
180°	1.0	1.0	1.0	1.0	1.0



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







107.5°	0.0	12.4	34.1	51.6	59.9
110°	0.0	11.4	31.0	47.5	54.7



(END OF REPORT)