

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: P856517

Luminaire Tested: **14MMS-L3C3-UNV-LOW-5000K**

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856517
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-23)
Test Lab: INNOVATION CENTER
Issue Date: 7/30/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 14MMS-L3C3-UNV-LOW-5000K
Description: 1x4 Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 5000K settings
Light Source: -
Ballast/Driver: -

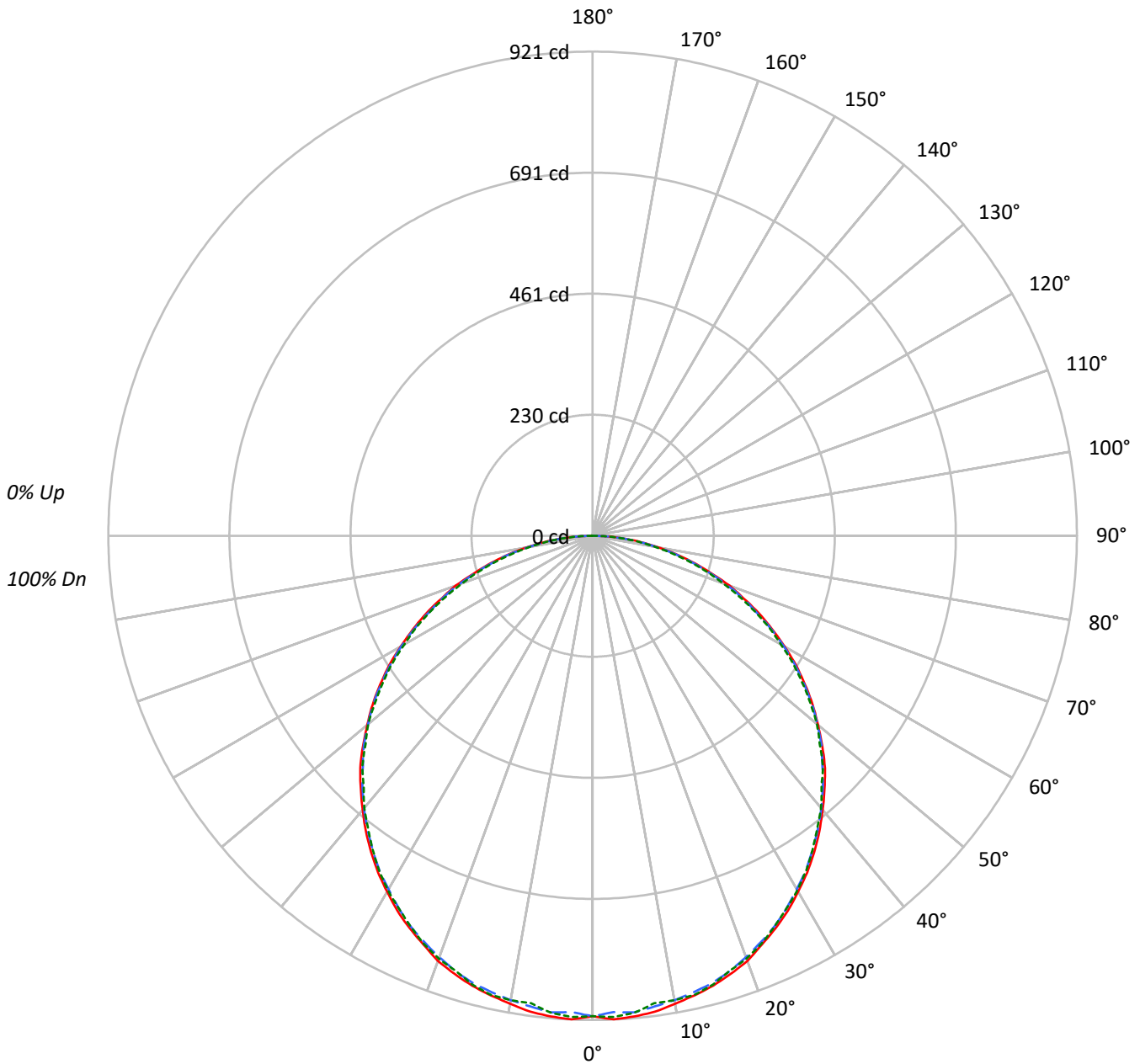
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2699.0 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 3.83' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83																			
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69																			
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	57																			
4	82	69	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49																			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42																			
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37																			
7	64	51	42	35	62	50	41	35	48	41	35	47	40	35	45	39	34	32																			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29																			
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26																			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3079	3079	3079
5°	3104	3078	3081
10°	3092	3069	3069
15°	3091	3072	3083
20°	3086	3058	3069
25°	3062	3047	3047
30°	3042	3021	3030
35°	3022	3000	3000
40°	2994	2977	2973
45°	2978	2945	2952
50°	2932	2924	2920
55°	2896	2882	2859
60°	2843	2827	2785
65°	2784	2735	2710
70°	2725	2664	2595
75°	2595	2554	2484
80°	2474	2414	2323
85°	2269	2211	2119



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.6	3.2
10°-20°	248.7	9.2
20°-30°	378.1	14.0
30°-40°	457.0	16.9
40°-50°	478.3	17.7
50°-60°	438.3	16.2
60°-70°	341.0	12.6
70°-80°	207.1	7.7
80°-90°	63.9	2.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	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°	713.4	26.4
0°-40°	1170.4	43.4
0°-60°	2087.0	77.3
0°-90°	2699.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2699.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	914	914	914	914	914	
5°	918	912	910	912	911	87
15°	886	876	881	882	884	250
25°	824	818	820	821	820	380
35°	735	730	729	731	729	459
45°	625	621	618	620	620	481
55°	493	493	490	488	487	441
65°	349	348	343	343	340	345
75°	199	199	196	192	191	211
85°	59	57	57	56	55	66
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	913.9	913.9	913.9	913.9	913.9
2.5°	920.8	913.1	906.9	913.9	916.2
5°	917.7	912.3	910.0	911.5	910.8
7.5°	913.1	907.7	903.1	909.2	896.9
10°	903.8	897.6	896.9	901.5	896.9
12.5°	895.3	890.7	889.1	893.0	894.6
15°	886.1	876.0	880.6	882.2	883.7
17.5°	873.7	865.2	868.3	871.4	867.5
20°	860.6	852.1	852.8	855.2	855.9
22.5°	841.3	837.4	836.6	840.5	839.7
25°	823.5	818.1	819.6	821.2	819.6
27.5°	804.2	798.8	798.8	804.2	798.8
30°	781.8	777.1	776.4	778.7	778.7
32.5°	759.4	754.7	754.7	754.7	755.5
35°	734.6	730.0	729.2	730.8	729.2
37.5°	708.4	705.3	703.7	703.7	701.4
40°	680.6	678.3	676.7	676.7	675.9
42.5°	652.8	650.4	648.1	647.4	644.3
45°	625.0	621.1	618.0	620.3	619.5
47.5°	592.5	593.3	590.2	587.1	585.6
50°	559.3	559.3	557.7	557.7	557.0
52.5°	527.6	526.8	526.1	522.2	521.4
55°	492.9	492.9	490.5	488.2	486.7
57.5°	458.9	458.9	455.8	452.7	451.9
60°	421.8	421.8	419.5	416.4	413.3
62.5°	384.7	384.7	381.6	378.5	378.5
65°	349.2	348.4	343.0	343.0	339.9
67.5°	310.5	309.8	308.2	304.4	301.3
70°	276.6	273.5	270.4	266.5	263.4
72.5°	235.6	236.4	231.7	229.4	227.9
75°	199.3	199.3	196.2	192.4	190.8
77.5°	163.8	162.2	160.7	158.4	154.5
80°	127.5	127.5	124.4	121.3	119.7
82.5°	93.5	91.9	90.4	87.3	88.8
85°	58.7	57.2	57.2	55.6	54.8
87.5°	25.5	26.3	25.5	26.3	26.3
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-50001EG





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







(END OF REPORT)