

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: P856423

Luminaire Tested: **11MMS-L3C5-UNV-HIGH-5000K**

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/30/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 11MMS-L3C5-UNV-HIGH-5000K
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel at HIGH and 5000K settings
Light Source: -
Ballast/Driver: -

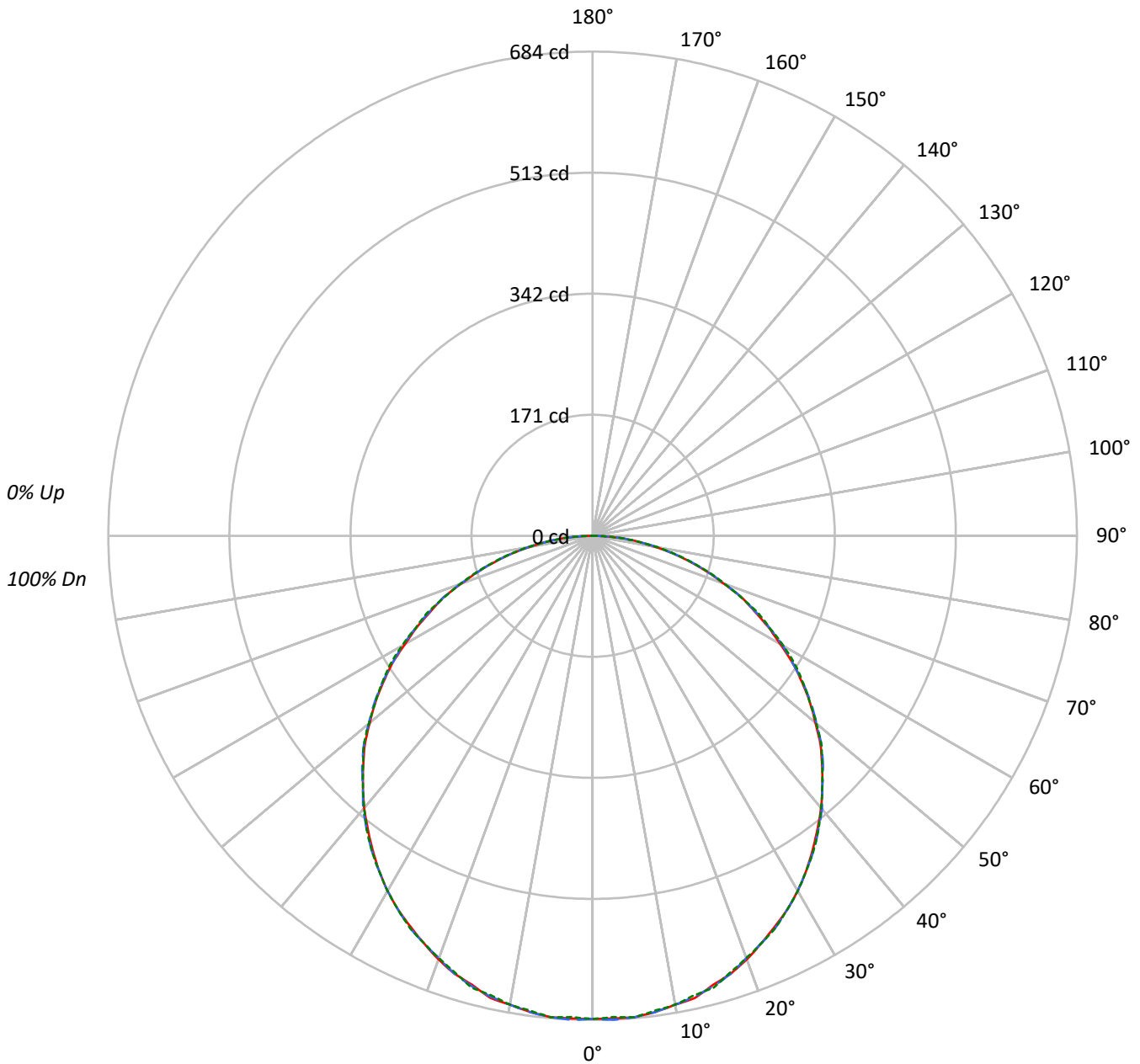
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2000.0 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 0.83' x H: 0')
CIE Type: Direct

Input Watts (W): 20
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	94	90	93	90	88	89	87	85	83																			
2	98	90	83	77	96	88	81	76	84	79	74	81	77	73	78	74	71	69																			
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58																			
4	82	70	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	45	39	50	44	39	37																			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33																			
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29																			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26																			
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10580	10580	10580
5°	10621	10621	10621
10°	10586	10586	10586
15°	10540	10572	10602
20°	10506	10473	10473
25°	10417	10451	10451
30°	10370	10370	10370
35°	10250	10288	10288
40°	10157	10198	10157
45°	10046	10090	10046
50°	9904	9952	9952
55°	9758	9812	9812
60°	9474	9595	9657
65°	9242	9316	9459
70°	8901	8991	8991
75°	8558	8672	8672
80°	7971	8150	8328
85°	7416	7416	7416



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.8	3.2
10°-20°	185.6	9.3
20°-30°	281.0	14.1
30°-40°	339.5	17.0
40°-50°	354.4	17.7
50°-60°	323.9	16.2
60°-70°	251.7	12.6
70°-80°	152.6	7.6
80°-90°	46.5	2.3
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°	531.4	26.6
0°-40°	870.9	43.5
0°-60°	1549.2	77.5
0°-90°	2000.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2000.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	683	683	683	683	683	
5°	683	681	683	681	683	65
15°	657	657	659	659	661	186
25°	609	609	611	609	611	281
35°	542	542	544	542	544	339
45°	458	458	460	460	458	354
55°	361	363	363	363	363	322
65°	252	254	254	256	258	250
75°	143	145	145	147	145	151
85°	42	42	42	42	42	46
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	682.6	682.6	682.6	682.6	682.6
2.5°	682.6	682.6	684.5	682.6	680.6
5°	682.6	680.6	682.6	680.6	682.6
7.5°	678.6	676.6	678.6	678.6	676.6
10°	672.6	672.6	672.6	672.6	672.6
12.5°	668.7	666.7	666.7	666.7	664.7
15°	656.8	656.8	658.8	658.8	660.7
17.5°	648.8	644.9	648.8	648.8	646.8
20°	636.9	636.9	634.9	634.9	634.9
22.5°	623.0	623.0	623.0	625.0	623.0
25°	609.1	609.1	611.1	609.1	611.1
27.5°	595.3	593.3	595.3	595.3	595.3
30°	579.4	577.4	579.4	577.4	579.4
32.5°	561.5	561.5	561.5	561.5	561.5
35°	541.7	541.7	543.7	541.7	543.7
37.5°	521.8	521.8	523.8	523.8	523.8
40°	502.0	502.0	504.0	504.0	502.0
42.5°	480.2	480.2	480.2	482.2	480.2
45°	458.3	458.3	460.3	460.3	458.3
47.5°	436.5	436.5	438.5	438.5	438.5
50°	410.7	412.7	412.7	412.7	412.7
52.5°	386.9	388.9	388.9	388.9	386.9
55°	361.1	363.1	363.1	363.1	363.1
57.5°	335.3	333.3	335.3	337.3	339.3
60°	305.6	309.5	309.5	309.5	311.5
62.5°	279.8	281.8	281.8	281.8	281.8
65°	252.0	254.0	254.0	256.0	257.9
67.5°	228.2	226.2	228.2	226.2	226.2
70°	196.4	198.4	198.4	200.4	198.4
72.5°	170.6	170.6	170.6	172.6	172.6
75°	142.9	144.8	144.8	146.8	144.8
77.5°	117.1	117.1	117.1	117.1	119.1
80°	89.3	91.3	91.3	91.3	93.3
82.5°	65.5	65.5	65.5	65.5	65.5
85°	41.7	41.7	41.7	41.7	41.7
87.5°	17.9	17.9	17.9	17.9	17.9
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)