

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: P856420

Luminaire Tested: **11MMS-L3C5-UNV-HIGH-3000K**

Issue Date: 7/30/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856420  
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-3000K  
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel atHIGH and 3000K settings  
Light Source: -  
Ballast/Driver: -

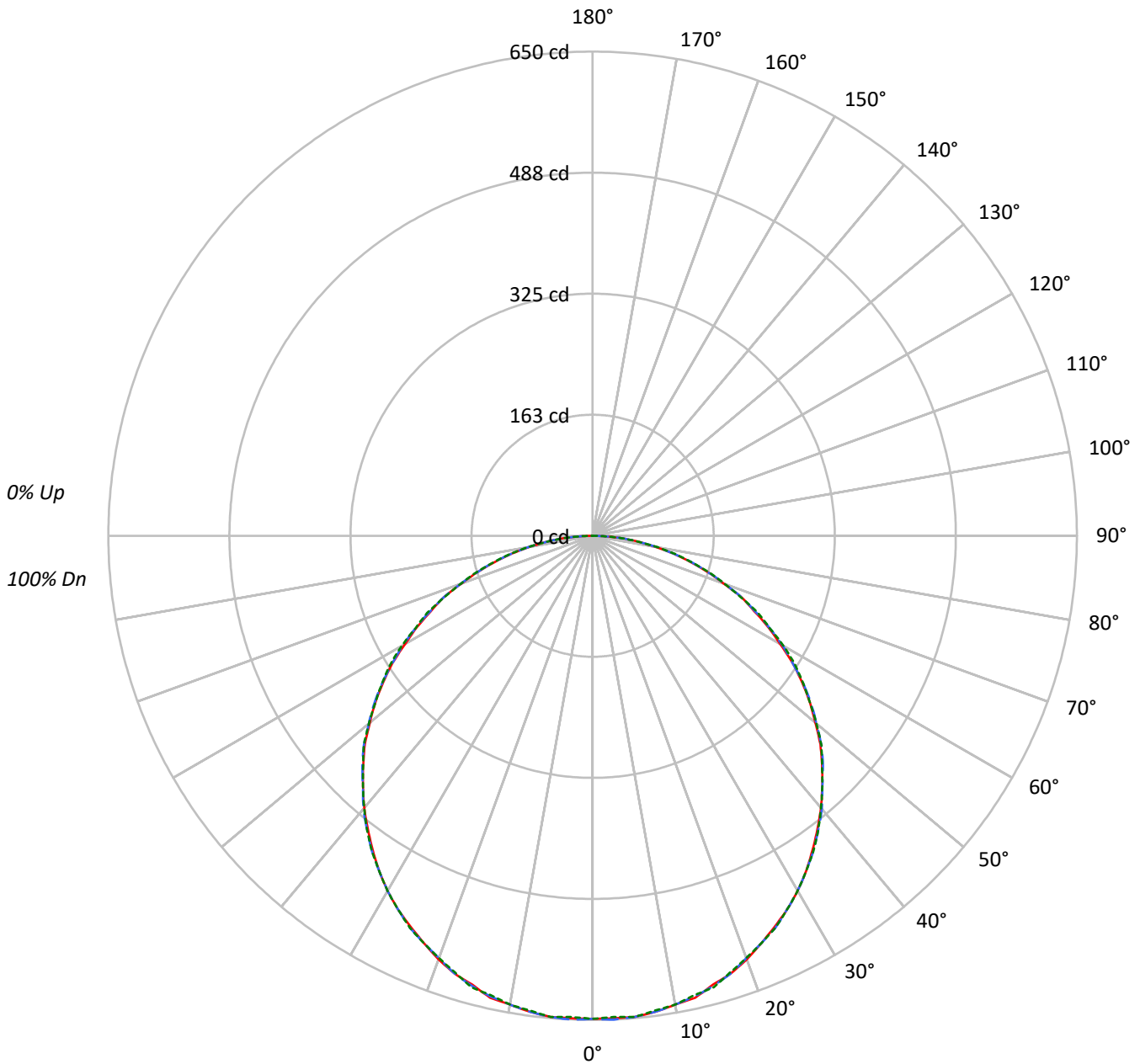
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1900.1 lumens  
Efficiency: N/A  
Efficacy: 95.0 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 (Ain): 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					20					
RC	80					70					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°	10050	10050	10050
5°	10089	10089	10089
10°	10057	10057	10057
15°	10012	10042	10073
20°	9981	9950	9950
25°	9897	9930	9930
30°	9851	9851	9851
35°	9737	9773	9773
40°	9650	9688	9650
45°	9544	9586	9544
50°	9409	9455	9455
55°	9272	9323	9323
60°	8999	9117	9173
65°	8780	8850	8986
70°	8457	8543	8543
75°	8127	8241	8241
80°	7569	7739	7909
85°	7043	7043	7043



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.5	3.2
10°-20°	176.3	9.3
20°-30°	267.0	14.1
30°-40°	322.5	17.0
40°-50°	336.7	17.7
50°-60°	307.7	16.2
60°-70°	239.1	12.6
70°-80°	145.0	7.6
80°-90°	44.1	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°	504.8	26.6
0°-40°	827.4	43.5
0°-60°	1471.8	77.5
0°-90°	1900.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1900.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	648	648	648	648	648	
5°	648	647	648	647	648	62
15°	624	624	626	626	628	176
25°	579	579	581	579	581	267
35°	515	515	516	515	516	322
45°	435	435	437	437	435	336
55°	343	345	345	345	345	306
65°	239	241	241	243	245	238
75°	136	138	138	140	138	144
85°	40	40	40	40	40	44
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	648.4	648.4	648.4	648.4	648.4
2.5°	648.4	648.4	650.3	648.4	646.6
5°	648.4	646.6	648.4	646.6	648.4
7.5°	644.7	642.8	644.7	644.7	642.8
10°	639.0	639.0	639.0	639.0	639.0
12.5°	635.2	633.4	633.4	633.4	631.5
15°	623.9	623.9	625.8	625.8	627.7
17.5°	616.4	612.6	616.4	616.4	614.5
20°	605.1	605.1	603.2	603.2	603.2
22.5°	591.9	591.9	591.9	593.8	591.9
25°	578.7	578.7	580.6	578.7	580.6
27.5°	565.5	563.6	565.5	565.5	565.5
30°	550.4	548.5	550.4	548.5	550.4
32.5°	533.5	533.5	533.5	533.5	533.5
35°	514.6	514.6	516.5	514.6	516.5
37.5°	495.8	495.8	497.6	497.6	497.6
40°	476.9	476.9	478.8	478.8	476.9
42.5°	456.2	456.2	456.2	458.1	456.2
45°	435.4	435.4	437.3	437.3	435.4
47.5°	414.7	414.7	416.6	416.6	416.6
50°	390.2	392.1	392.1	392.1	392.1
52.5°	367.6	369.5	369.5	369.5	367.6
55°	343.1	345.0	345.0	345.0	345.0
57.5°	318.6	316.7	318.6	320.4	322.3
60°	290.3	294.1	294.1	294.1	295.9
62.5°	265.8	267.7	267.7	267.7	267.7
65°	239.4	241.3	241.3	243.2	245.0
67.5°	216.8	214.9	216.8	214.9	214.9
70°	186.6	188.5	188.5	190.4	188.5
72.5°	162.1	162.1	162.1	164.0	164.0
75°	135.7	137.6	137.6	139.5	137.6
77.5°	111.2	111.2	111.2	111.2	113.1
80°	84.8	86.7	86.7	86.7	88.6
82.5°	62.2	62.2	62.2	62.2	62.2
85°	39.6	39.6	39.6	39.6	39.6
87.5°	17.0	17.0	17.0	17.0	17.0
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)