

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: P856421

Luminaire Tested: **11MMS-L3C5-UNV-HIGH-3500K**

Issue Date: 7/30/2024



**Test Information**

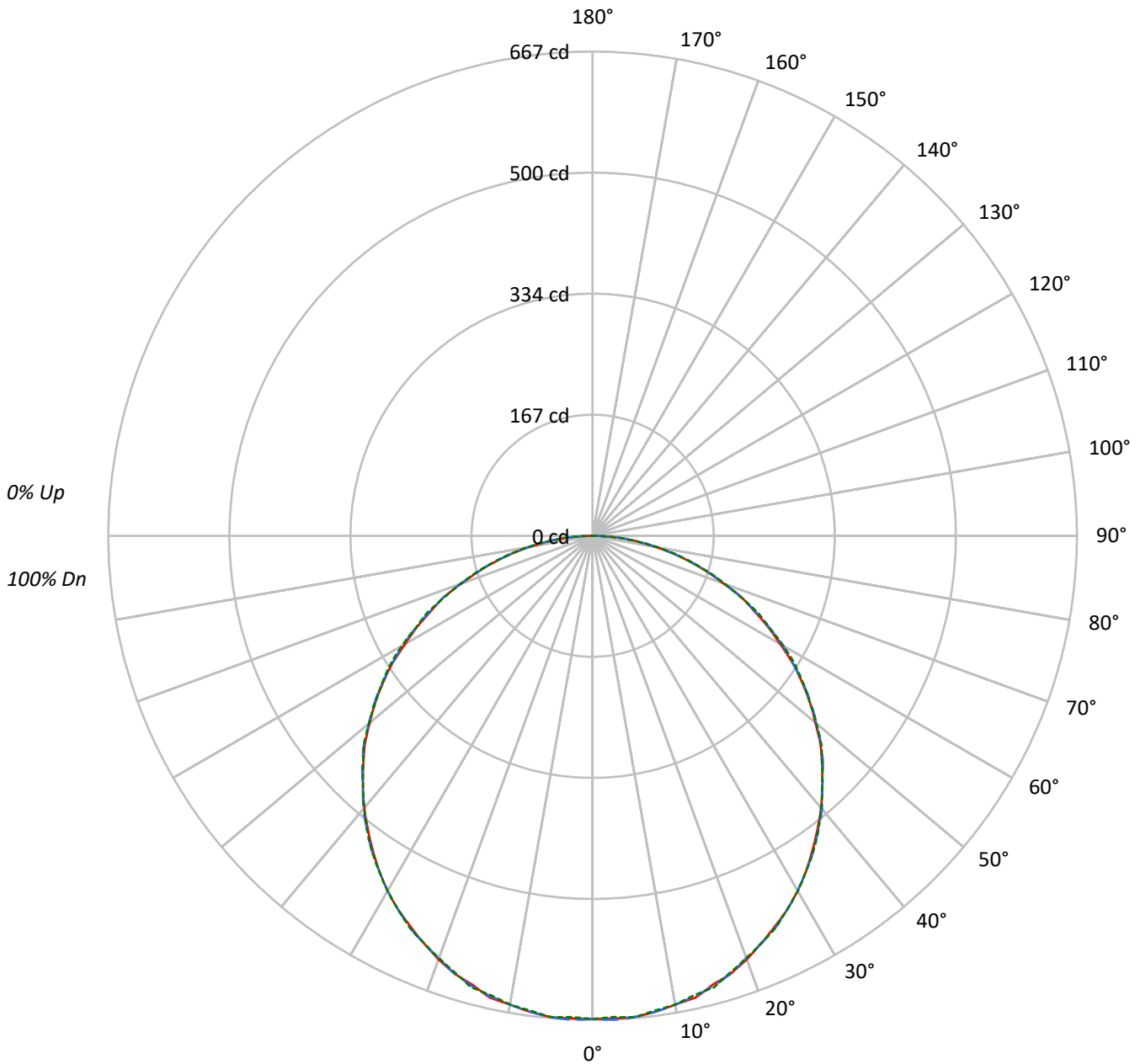
Test Method: LM-79-08  
Report Number: P856421  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/30/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 11MMS-L3C5-UNV-HIGH-3500K  
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel at HIGH and 3500K settings  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1950.0 lumens  
Efficiency: N/A  
Efficacy: 97.5 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<sub>in</sub>): 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°	10315	10315	10315
5°	10355	10355	10355
10°	10322	10322	10322
15°	10275	10307	10337
20°	10243	10212	10212
25°	10157	10191	10191
30°	10111	10111	10111
35°	9993	10031	10031
40°	9904	9943	9904
45°	9796	9838	9796
50°	9658	9703	9703
55°	9515	9566	9566
60°	9235	9356	9415
65°	9011	9081	9224
70°	8679	8769	8769
75°	8342	8456	8456
80°	7775	7944	8114
85°	7220	7220	7220



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.1	3.2
10°-20°	181.0	9.3
20°-30°	274.0	14.1
30°-40°	331.0	17.0
40°-50°	345.6	17.7
50°-60°	315.8	16.2
60°-70°	245.4	12.6
70°-80°	148.8	7.6
80°-90°	45.2	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°	518.1	26.6
0°-40°	849.1	43.5
0°-60°	1510.5	77.5
0°-90°	1950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1950.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	666	666	666	666	666	
5°	666	664	666	664	666	63
15°	640	640	642	642	644	181
25°	594	594	596	594	596	274
35°	528	528	530	528	530	331
45°	447	447	449	449	447	345
55°	352	354	354	354	354	314
65°	246	248	248	250	252	244
75°	139	141	141	143	141	147
85°	41	41	41	41	41	45
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	665.5	665.5	665.5	665.5	665.5
2.5°	665.5	665.5	667.4	665.5	663.6
5°	665.5	663.6	665.5	663.6	665.5
7.5°	661.6	659.7	661.6	661.6	659.7
10°	655.8	655.8	655.8	655.8	655.8
12.5°	652.0	650.0	650.0	650.0	648.1
15°	640.3	640.3	642.3	642.3	644.2
17.5°	632.6	628.7	632.6	632.6	630.7
20°	621.0	621.0	619.1	619.1	619.1
22.5°	607.5	607.5	607.5	609.4	607.5
25°	593.9	593.9	595.9	593.9	595.9
27.5°	580.4	578.4	580.4	580.4	580.4
30°	564.9	563.0	564.9	563.0	564.9
32.5°	547.5	547.5	547.5	547.5	547.5
35°	528.1	528.1	530.1	528.1	530.1
37.5°	508.8	508.8	510.7	510.7	510.7
40°	489.5	489.5	491.4	491.4	489.5
42.5°	468.2	468.2	468.2	470.1	468.2
45°	446.9	446.9	448.8	448.8	446.9
47.5°	425.6	425.6	427.5	427.5	427.5
50°	400.5	402.4	402.4	402.4	402.4
52.5°	377.2	379.2	379.2	379.2	377.2
55°	352.1	354.0	354.0	354.0	354.0
57.5°	326.9	325.0	326.9	328.9	330.8
60°	297.9	301.8	301.8	301.8	303.7
62.5°	272.8	274.7	274.7	274.7	274.7
65°	245.7	247.6	247.6	249.6	251.5
67.5°	222.5	220.5	222.5	220.5	220.5
70°	191.5	193.5	193.5	195.4	193.5
72.5°	166.4	166.4	166.4	168.3	168.3
75°	139.3	141.2	141.2	143.2	141.2
77.5°	114.1	114.1	114.1	114.1	116.1
80°	87.1	89.0	89.0	89.0	90.9
82.5°	63.8	63.8	63.8	63.8	63.8
85°	40.6	40.6	40.6	40.6	40.6
87.5°	17.4	17.4	17.4	17.4	17.4
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)