

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: P856419

Luminaire Tested: **11MMS-L3C5-UNV-HIGH-2700K**

Issue Date: 7/30/2024



**Test Information**

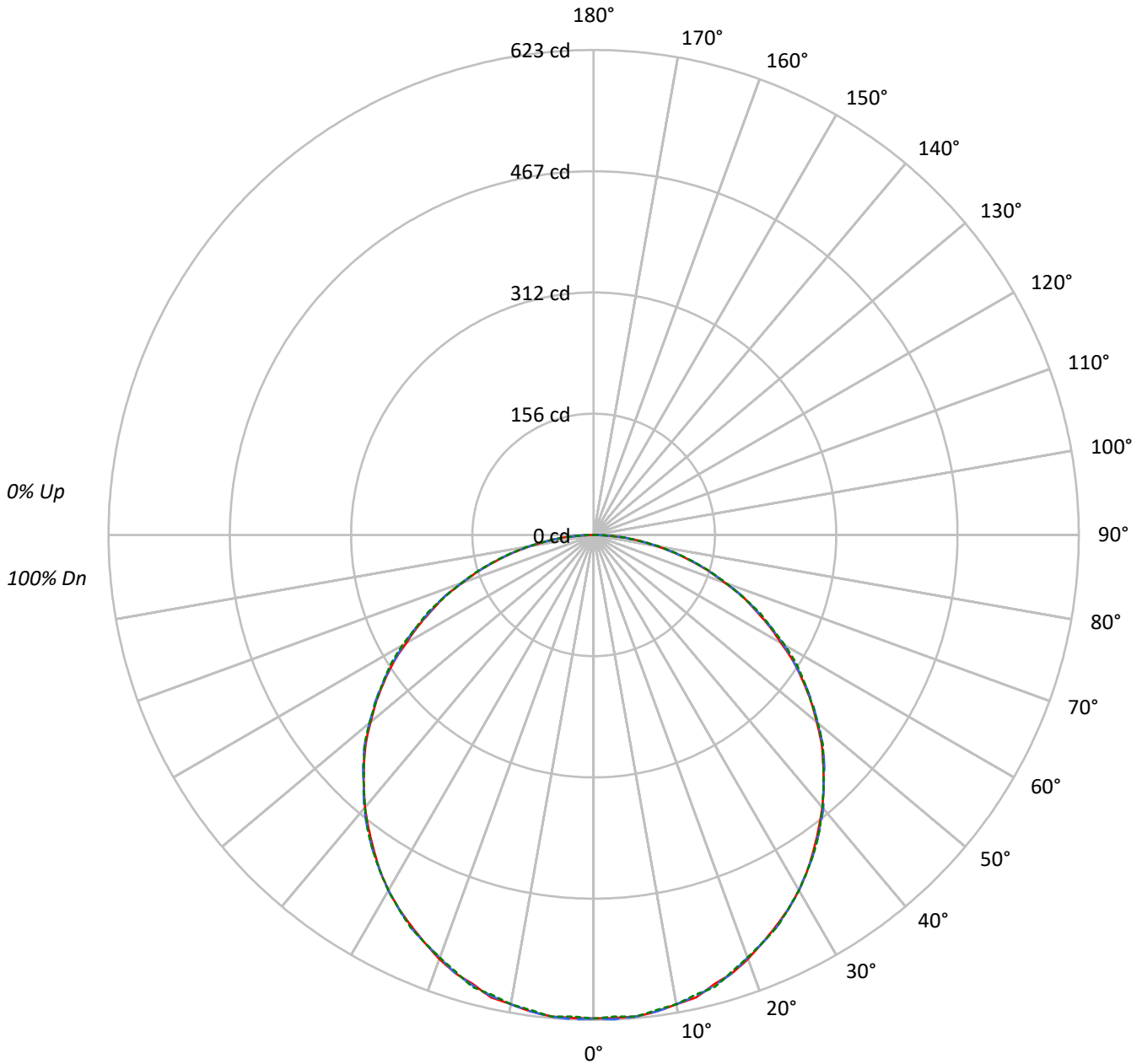
Test Method: LM-79-08  
Report Number: P856419  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/30/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 11MMS-L3C5-UNV-HIGH-2700K  
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel at HIGH and 2700K settings  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1820.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 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<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									
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°	9627	9627	9627
5°	9664	9664	9664
10°	9634	9634	9634
15°	9591	9620	9649
20°	9560	9531	9531
25°	9480	9511	9511
30°	9436	9436	9436
35°	9327	9361	9361
40°	9243	9279	9243
45°	9143	9182	9143
50°	9014	9057	9057
55°	8880	8929	8929
60°	8621	8733	8789
65°	8410	8476	8608
70°	8103	8185	8185
75°	7785	7893	7893
80°	7257	7418	7578
85°	6740	6740	6740



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.9	3.2
10°-20°	168.9	9.3
20°-30°	255.7	14.1
30°-40°	309.0	17.0
40°-50°	322.5	17.7
50°-60°	294.7	16.2
60°-70°	229.1	12.6
70°-80°	138.9	7.6
80°-90°	42.3	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°	483.6	26.6
0°-40°	792.5	43.5
0°-60°	1409.8	77.5
0°-90°	1820.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1820.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	621	621	621	621	621	
5°	621	619	621	619	621	59
15°	598	598	600	600	601	169
25°	554	554	556	554	556	256
35°	493	493	495	493	495	309
45°	417	417	419	419	417	322
55°	329	330	330	330	330	293
65°	229	231	231	233	235	228
75°	130	132	132	134	132	138
85°	38	38	38	38	38	42
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	621.1	621.1	621.1	621.1	621.1
2.5°	621.1	621.1	622.9	621.1	619.3
5°	621.1	619.3	621.1	619.3	621.1
7.5°	617.5	615.7	617.5	617.5	615.7
10°	612.1	612.1	612.1	612.1	612.1
12.5°	608.5	606.7	606.7	606.7	604.9
15°	597.7	597.7	599.5	599.5	601.3
17.5°	590.4	586.8	590.4	590.4	588.6
20°	579.6	579.6	577.8	577.8	577.8
22.5°	567.0	567.0	567.0	568.8	567.0
25°	554.3	554.3	556.1	554.3	556.1
27.5°	541.7	539.9	541.7	541.7	541.7
30°	527.2	525.4	527.2	525.4	527.2
32.5°	511.0	511.0	511.0	511.0	511.0
35°	492.9	492.9	494.7	492.9	494.7
37.5°	474.9	474.9	476.7	476.7	476.7
40°	456.8	456.8	458.6	458.6	456.8
42.5°	437.0	437.0	437.0	438.8	437.0
45°	417.1	417.1	418.9	418.9	417.1
47.5°	397.2	397.2	399.0	399.0	399.0
50°	373.8	375.6	375.6	375.6	375.6
52.5°	352.1	353.9	353.9	353.9	352.1
55°	328.6	330.4	330.4	330.4	330.4
57.5°	305.1	303.3	305.1	307.0	308.8
60°	278.1	281.7	281.7	281.7	283.5
62.5°	254.6	256.4	256.4	256.4	256.4
65°	229.3	231.1	231.1	232.9	234.7
67.5°	207.6	205.8	207.6	205.8	205.8
70°	178.8	180.6	180.6	182.4	180.6
72.5°	155.3	155.3	155.3	157.1	157.1
75°	130.0	131.8	131.8	133.6	131.8
77.5°	106.5	106.5	106.5	106.5	108.3
80°	81.3	83.1	83.1	83.1	84.9
82.5°	59.6	59.6	59.6	59.6	59.6
85°	37.9	37.9	37.9	37.9	37.9
87.5°	16.3	16.3	16.3	16.3	16.3
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)