

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: P856473

Luminaire Tested: **4MMS6-L3C5-UNV-LOW-3000K**

Issue Date: 7/30/2024



**Test Information**

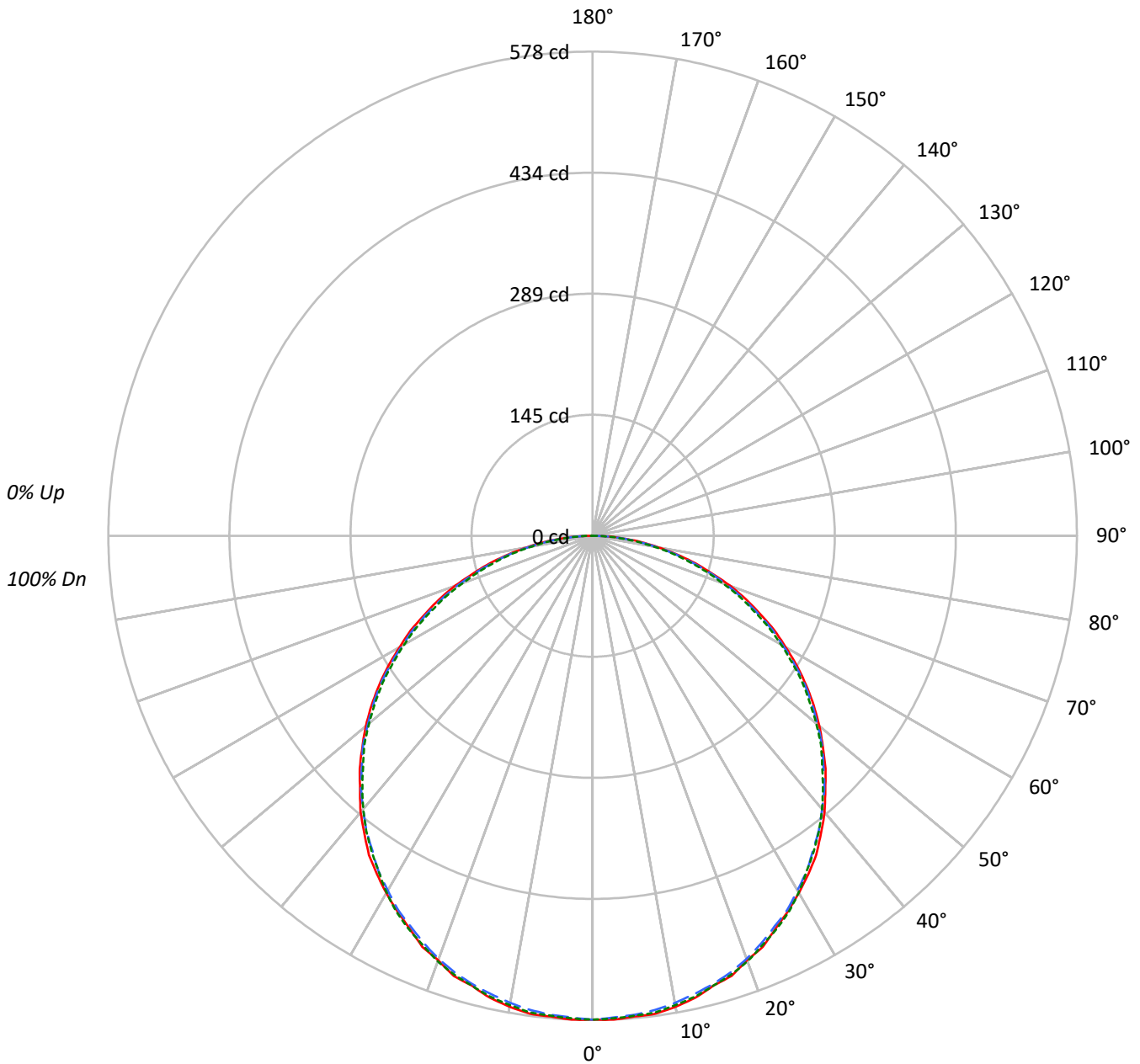
Test Method: LM-79-08  
Report Number: P856473  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/30/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4MMS6-L3C5-UNV-LOW-3000K  
Description: 4x6" Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 3000K settings  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1700.0 lumens  
Efficiency: N/A  
Efficacy: 89.5 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.26 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 3.83' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19  
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	76	72	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	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	41	33	28	39	33	28	38	32	28	26																			
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25	36	30	25	23																			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	4867	4867	4867
5°	4872	4854	4863
10°	4883	4843	4865
15°	4851	4832	4851
20°	4832	4818	4846
25°	4805	4781	4820
30°	4791	4755	4785
35°	4785	4715	4731
40°	4737	4686	4686
45°	4683	4640	4615
50°	4631	4591	4563
55°	4569	4538	4491
60°	4483	4421	4377
65°	4387	4313	4230
70°	4300	4172	4044
75°	4134	3981	3880
80°	3857	3726	3575
85°	3586	3335	3180



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.8	3.2
10°-20°	157.2	9.2
20°-30°	238.6	14.0
30°-40°	288.7	17.0
40°-50°	301.6	17.7
50°-60°	275.7	16.2
60°-70°	214.6	12.6
70°-80°	129.6	7.6
80°-90°	39.3	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°	450.5	26.5
0°-40°	739.2	43.5
0°-60°	1316.5	77.4
0°-90°	1700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1700.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	578	578	578	578	578	
5°	576	578	574	576	575	55
15°	556	558	554	558	556	157
25°	517	520	514	519	519	239
35°	465	463	458	460	460	290
45°	393	396	390	389	387	303
55°	311	312	309	306	306	278
65°	220	219	216	213	212	219
75°	127	125	122	120	119	133
85°	37	36	34	33	33	42
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	577.7	577.7	577.7	577.7	577.7
2.5°	578.2	579.8	575.6	578.7	576.6
5°	576.1	577.7	574.0	576.1	575.1
7.5°	575.6	574.0	570.9	573.0	574.0
10°	570.9	570.3	566.2	569.8	568.8
12.5°	565.1	565.6	560.4	565.1	563.6
15°	556.2	557.8	554.1	557.8	556.2
17.5°	551.0	550.5	546.8	549.4	549.4
20°	539.0	542.1	537.4	540.0	540.6
22.5°	531.1	530.6	526.4	527.0	529.0
25°	517.0	520.2	514.4	518.6	518.6
27.5°	505.0	507.1	503.4	505.0	506.6
30°	492.5	493.0	488.8	490.9	491.9
32.5°	478.9	479.9	475.2	476.8	475.2
35°	465.3	463.2	458.5	460.0	460.0
37.5°	447.5	448.0	443.3	444.4	443.8
40°	430.8	431.3	426.1	426.6	426.1
42.5°	410.9	412.5	409.3	408.3	406.7
45°	393.1	395.7	389.5	388.9	387.4
47.5°	372.7	374.3	371.7	368.6	369.6
50°	353.4	355.0	350.3	349.2	348.2
52.5°	332.5	334.1	329.9	327.8	326.7
55°	311.1	312.1	309.0	305.8	305.8
57.5°	289.1	289.1	286.0	283.3	282.3
60°	266.1	266.6	262.4	260.3	259.8
62.5°	244.7	245.2	240.5	237.9	236.8
65°	220.1	219.0	216.4	213.3	212.2
67.5°	198.1	197.1	192.9	190.8	189.8
70°	174.6	172.0	169.4	166.8	164.2
72.5°	149.0	148.5	145.9	143.2	141.7
75°	127.0	124.9	122.3	119.7	119.2
77.5°	103.0	102.5	100.4	97.2	97.2
80°	79.5	79.5	76.8	75.3	73.7
82.5°	59.1	58.0	55.4	53.8	52.8
85°	37.1	36.1	34.5	32.9	32.9
87.5°	16.7	15.7	15.7	14.6	14.6
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)