

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: P856474

Luminaire Tested: **4MMS6-L3C5-UNV-LOW-3500K**

Issue Date: 7/30/2024



**Test Information**

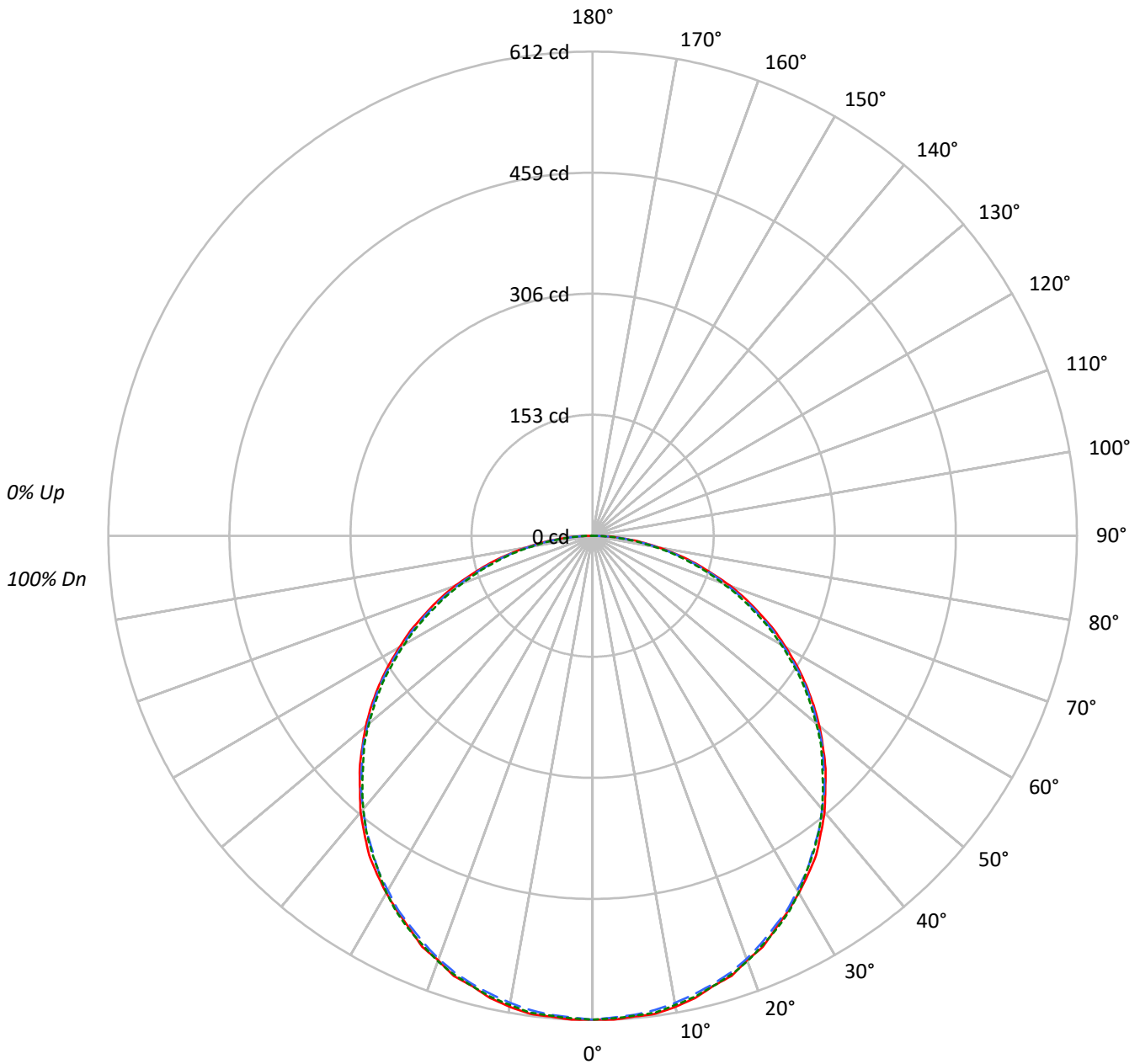
Test Method: LM-79-08  
Report Number: P856474  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/30/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4MMS6-L3C5-UNV-LOW-3500K  
Description: 4x6" Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 3500K settings  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1800.0 lumens  
Efficiency: N/A  
Efficacy: 94.7 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°	5152	5152	5152
5°	5158	5140	5149
10°	5171	5128	5151
15°	5137	5117	5137
20°	5116	5101	5130
25°	5088	5063	5104
30°	5072	5034	5067
35°	5066	4992	5009
40°	5016	4961	4961
45°	4959	4913	4887
50°	4904	4861	4831
55°	4836	4804	4756
60°	4746	4682	4635
65°	4644	4569	4479
70°	4554	4416	4281
75°	4378	4215	4108
80°	4080	3949	3784
85°	3798	3528	3373



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	58.0	3.2
10°-20°	166.4	9.2
20°-30°	252.6	14.0
30°-40°	305.7	17.0
40°-50°	319.3	17.7
50°-60°	291.9	16.2
60°-70°	227.2	12.6
70°-80°	137.3	7.6
80°-90°	41.6	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°	477.0	26.5
0°-40°	782.7	43.5
0°-60°	1393.9	77.4
0°-90°	1800.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1800.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	612	612	612	612	612	
5°	610	612	608	610	609	58
15°	589	591	587	591	589	167
25°	547	551	545	549	549	253
35°	493	490	485	487	487	307
45°	416	419	412	412	410	321
55°	329	330	327	324	324	294
65°	233	232	229	226	225	231
75°	134	132	130	127	126	141
85°	39	38	36	35	35	44
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	611.6	611.6	611.6	611.6	611.6
2.5°	612.2	613.9	609.4	612.8	610.5
5°	610.0	611.6	607.8	610.0	608.9
7.5°	609.4	607.8	604.5	606.7	607.8
10°	604.5	603.9	599.5	603.3	602.2
12.5°	598.4	598.9	593.4	598.4	596.7
15°	589.0	590.6	586.7	590.6	589.0
17.5°	583.4	582.9	579.0	581.8	581.8
20°	570.7	574.0	569.0	571.8	572.3
22.5°	562.4	561.8	557.4	558.0	560.2
25°	547.4	550.8	544.7	549.1	549.1
27.5°	534.7	536.9	533.0	534.7	536.4
30°	521.4	522.0	517.5	519.8	520.9
32.5°	507.0	508.1	503.2	504.8	503.2
35°	492.6	490.4	485.4	487.1	487.1
37.5°	473.8	474.4	469.4	470.5	469.9
40°	456.1	456.7	451.1	451.7	451.1
42.5°	435.1	436.7	433.4	432.3	430.6
45°	416.3	419.0	412.4	411.8	410.2
47.5°	394.7	396.3	393.6	390.2	391.3
50°	374.2	375.8	370.9	369.8	368.6
52.5°	352.0	353.7	349.3	347.1	346.0
55°	329.3	330.5	327.1	323.8	323.8
57.5°	306.1	306.1	302.8	300.0	298.9
60°	281.7	282.3	277.9	275.7	275.1
62.5°	259.1	259.6	254.6	251.9	250.7
65°	233.0	231.9	229.2	225.8	224.7
67.5°	209.8	208.7	204.3	202.0	200.9
70°	184.9	182.1	179.3	176.6	173.8
72.5°	157.8	157.2	154.4	151.7	150.0
75°	134.5	132.3	129.5	126.8	126.2
77.5°	109.0	108.5	106.3	103.0	103.0
80°	84.1	84.1	81.4	79.7	78.0
82.5°	62.5	61.4	58.7	57.0	55.9
85°	39.3	38.2	36.5	34.9	34.9
87.5°	17.7	16.6	16.6	15.5	15.5
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)