

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: P856472

Luminaire Tested: **4MMS6-L3C5-UNV-LOW-2700K**

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856472
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-2700K
Description: 4x6" Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 2700K settings
Light Source: -
Ballast/Driver: -

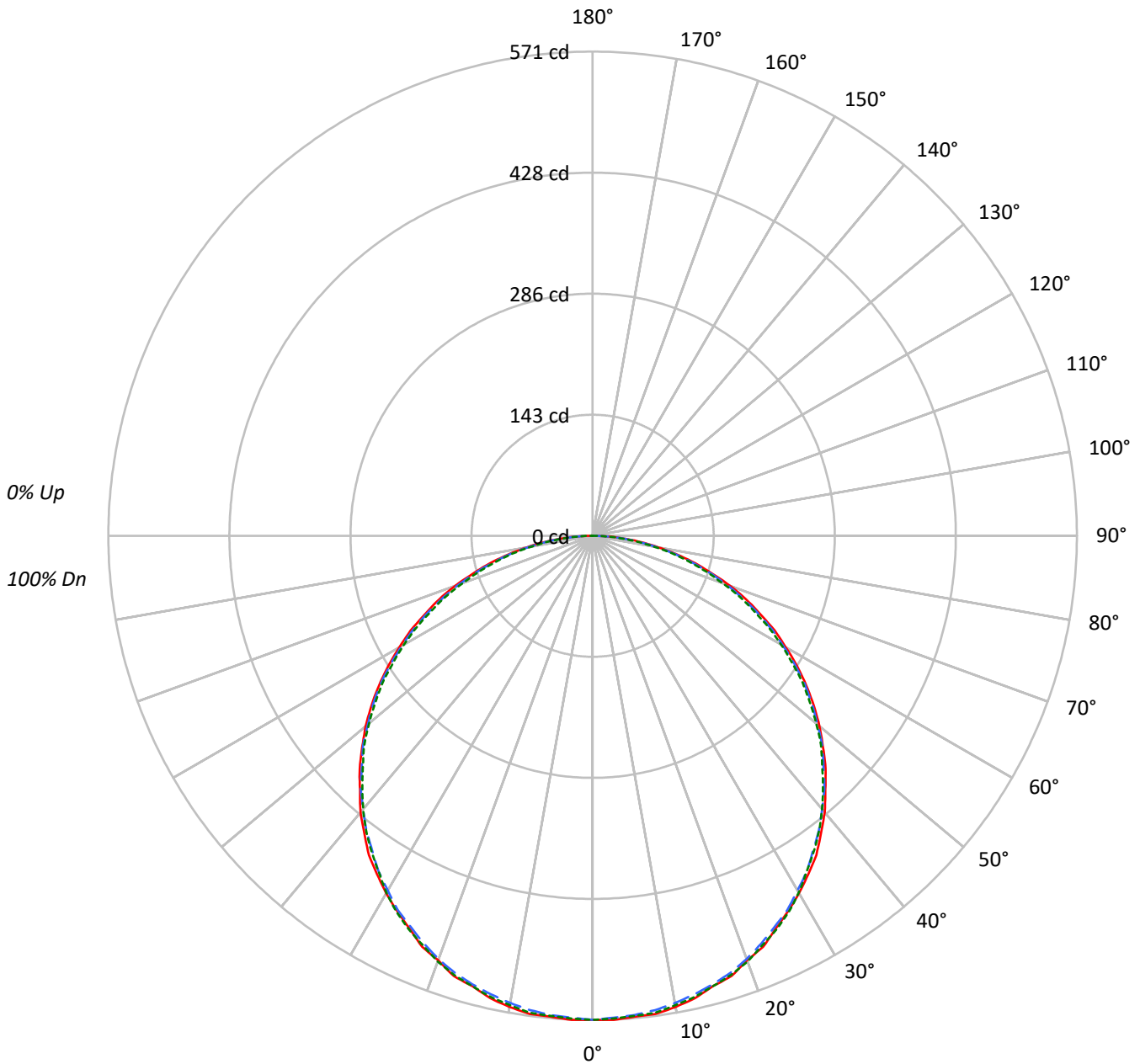
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1680.0 lumens
Efficiency: N/A
Efficacy: 88.4 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 (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									
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°	4809	4809	4809
5°	4814	4797	4806
10°	4826	4786	4808
15°	4794	4776	4794
20°	4775	4761	4789
25°	4749	4725	4764
30°	4734	4698	4728
35°	4728	4660	4675
40°	4681	4630	4630
45°	4628	4585	4560
50°	4576	4536	4510
55°	4515	4484	4438
60°	4431	4369	4327
65°	4335	4264	4182
70°	4251	4123	3995
75°	4085	3935	3834
80°	3808	3682	3532
85°	3547	3296	3141



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	3.2
10°-20°	155.3	9.2
20°-30°	235.7	14.0
30°-40°	285.3	17.0
40°-50°	298.1	17.7
50°-60°	272.4	16.2
60°-70°	212.1	12.6
70°-80°	128.1	7.6
80°-90°	38.8	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°	445.2	26.5
0°-40°	730.5	43.5
0°-60°	1301.0	77.4
0°-90°	1680.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1680.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	571	571	571	571	571	
5°	569	571	567	569	568	54
15°	550	551	548	551	550	156
25°	511	514	508	512	512	236
35°	460	458	453	455	455	287
45°	388	391	385	384	383	299
55°	307	308	305	302	302	275
65°	218	216	214	211	210	216
75°	126	124	121	118	118	132
85°	37	36	34	32	32	41
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	570.9	570.9	570.9	570.9	570.9
2.5°	571.4	572.9	568.8	571.9	569.8
5°	569.3	570.9	567.3	569.3	568.3
7.5°	568.8	567.3	564.2	566.2	567.3
10°	564.2	563.6	559.5	563.1	562.1
12.5°	558.5	559.0	553.8	558.5	556.9
15°	549.7	551.2	547.6	551.2	549.7
17.5°	544.5	544.0	540.4	543.0	543.0
20°	532.6	535.7	531.1	533.7	534.2
22.5°	524.9	524.4	520.2	520.8	522.8
25°	510.9	514.0	508.4	512.5	512.5
27.5°	499.1	501.1	497.5	499.1	500.6
30°	486.7	487.2	483.0	485.1	486.1
32.5°	473.2	474.3	469.6	471.2	469.6
35°	459.8	457.7	453.1	454.6	454.6
37.5°	442.2	442.7	438.1	439.1	438.6
40°	425.7	426.2	421.0	421.6	421.0
42.5°	406.1	407.6	404.5	403.5	401.9
45°	388.5	391.1	384.9	384.4	382.8
47.5°	368.4	369.9	367.3	364.2	365.3
50°	349.2	350.8	346.1	345.1	344.1
52.5°	328.6	330.1	326.0	323.9	322.9
55°	307.4	308.4	305.3	302.2	302.2
57.5°	285.7	285.7	282.6	280.0	279.0
60°	263.0	263.5	259.3	257.3	256.8
62.5°	241.8	242.3	237.6	235.1	234.0
65°	217.5	216.5	213.9	210.8	209.8
67.5°	195.8	194.8	190.6	188.6	187.5
70°	172.6	170.0	167.4	164.8	162.2
72.5°	147.2	146.7	144.1	141.6	140.0
75°	125.5	123.5	120.9	118.3	117.8
77.5°	101.8	101.3	99.2	96.1	96.1
80°	78.5	78.5	75.9	74.4	72.8
82.5°	58.4	57.3	54.8	53.2	52.2
85°	36.7	35.6	34.1	32.5	32.5
87.5°	16.5	15.5	15.5	14.5	14.5
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)