

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: P856468

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

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856468
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-HIGH-3000K
Description: 4x6" Multi-mount Selectable Direct Mound LED Backlit Panel at HIGH and 3000K settings
Light Source: -
Ballast/Driver: -

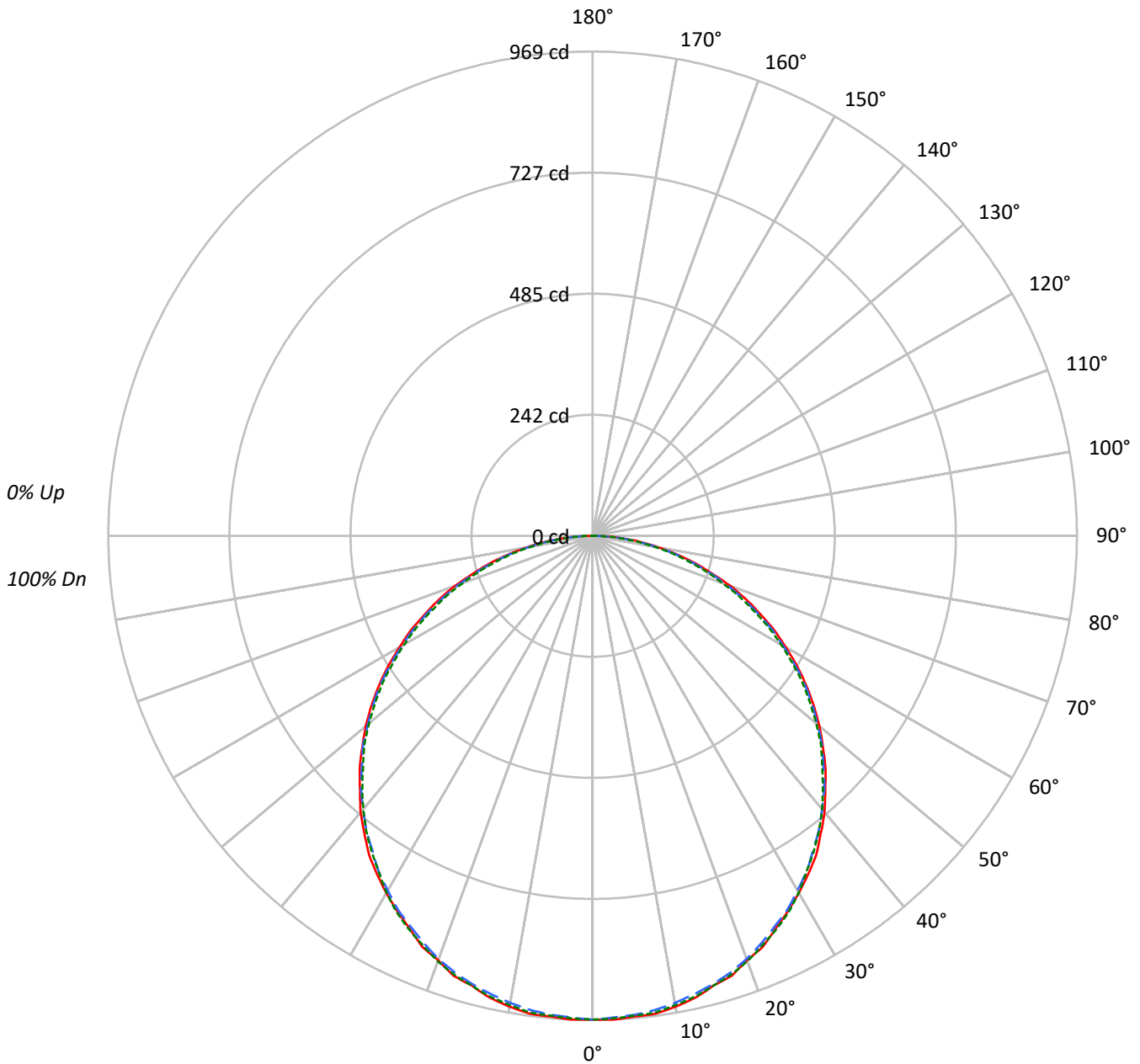
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2850.0 lumens
Efficiency: N/A
Efficacy: 86.4 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): 33
Input Voltage (V): NR
Input Current (A_{in}): 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°	8158	8158	8158
5°	8167	8137	8153
10°	8186	8119	8156
15°	8132	8102	8132
20°	8100	8077	8124
25°	8057	8016	8081
30°	8031	7971	8022
35°	8021	7904	7931
40°	7942	7855	7855
45°	7852	7778	7736
50°	7765	7695	7650
55°	7659	7608	7530
60°	7516	7413	7339
65°	7355	7232	7092
70°	7209	6995	6778
75°	6933	6676	6503
80°	6462	6248	5996
85°	6012	5587	5335



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.8	3.2
10°-20°	263.5	9.2
20°-30°	399.9	14.0
30°-40°	484.0	17.0
40°-50°	505.6	17.7
50°-60°	462.1	16.2
60°-70°	359.8	12.6
70°-80°	217.3	7.6
80°-90°	65.8	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°	755.2	26.5
0°-40°	1239.3	43.5
0°-60°	2207.0	77.4
0°-90°	2850.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2850.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	968	968	968	968	968	
5°	966	968	962	966	964	92
15°	932	935	929	935	932	264
25°	867	872	862	869	869	400
35°	780	776	769	771	771	487
45°	659	663	653	652	649	508
55°	522	523	518	513	513	466
65°	369	367	363	358	356	366
75°	213	210	205	201	200	224
85°	62	60	58	55	55	70
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	968.4	968.4	968.4	968.4	968.4
2.5°	969.3	971.9	964.9	970.2	966.7
5°	965.8	968.4	962.3	965.8	964.1
7.5°	964.9	962.3	957.0	960.6	962.3
10°	957.0	956.2	949.2	955.3	953.5
12.5°	947.4	948.3	939.5	947.4	944.8
15°	932.5	935.1	929.0	935.1	932.5
17.5°	923.7	922.9	916.7	921.1	921.1
20°	903.6	908.8	901.0	905.3	906.2
22.5°	890.4	889.6	882.6	883.4	886.9
25°	866.8	872.0	862.4	869.4	869.4
27.5°	846.6	850.1	844.0	846.6	849.2
30°	825.6	826.5	819.5	823.0	824.7
32.5°	802.8	804.6	796.7	799.3	796.7
35°	780.0	776.5	768.6	771.2	771.2
37.5°	750.2	751.1	743.2	745.0	744.1
40°	722.2	723.0	714.3	715.2	714.3
42.5°	688.9	691.5	686.2	684.5	681.9
45°	659.1	663.4	652.9	652.1	649.4
47.5°	624.9	627.5	623.1	617.9	619.6
50°	592.5	595.1	587.2	585.4	583.7
52.5°	557.4	560.0	553.0	549.5	547.8
55°	521.5	523.2	518.0	512.7	512.7
57.5°	484.7	484.7	479.4	475.0	473.3
60°	446.1	447.0	440.0	436.5	435.6
62.5°	410.2	411.0	403.2	398.8	397.0
65°	369.0	367.2	362.8	357.6	355.8
67.5°	332.2	330.4	323.4	319.9	318.1
70°	292.7	288.3	284.0	279.6	275.2
72.5°	249.8	248.9	244.5	240.1	237.5
75°	213.0	209.5	205.1	200.7	199.8
77.5°	172.7	171.8	168.3	163.0	163.0
80°	133.2	133.2	128.8	126.2	123.6
82.5°	99.0	97.3	92.9	90.3	88.5
85°	62.2	60.5	57.8	55.2	55.2
87.5°	28.0	26.3	26.3	24.5	24.5
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)