

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: P856467

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

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856467
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-2700K
Description: 4x6" Multi-mount Selectable Direct Mound LED Backlit Panel at HIGH and 2700K settings
Light Source: -
Ballast/Driver: -

Summary

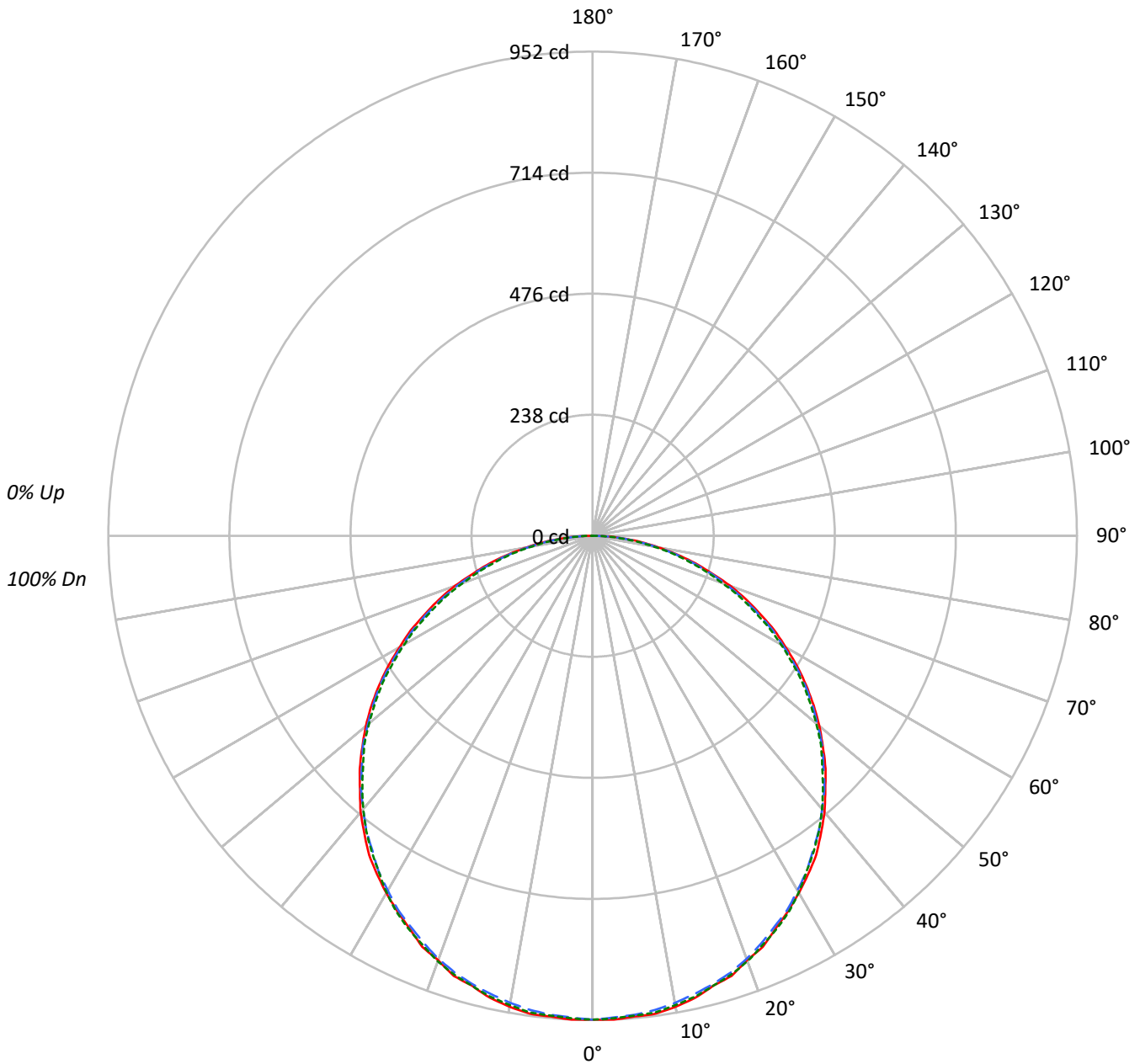
Lumens per Lamp: N/A
Luminaire Lumens: 2800.0 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.26 / 1.38
Luminous Opening: Rectangular (W 0.33' x L: 3.83' x H: 0')
CIE Type: Direct

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					70					50					30				
RW	70	50	30	10	70	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°	8015	8015	8015
5°	8024	7994	8009
10°	8043	7976	8013
15°	7989	7960	7989
20°	7958	7935	7981
25°	7915	7875	7940
30°	7890	7831	7881
35°	7880	7765	7792
40°	7802	7716	7716
45°	7714	7642	7601
50°	7629	7560	7516
55°	7524	7474	7398
60°	7384	7282	7209
65°	7226	7106	6968
70°	7084	6872	6660
75°	6809	6558	6389
80°	6350	6142	5889
85°	5906	5490	5239



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	3.2
10°-20°	258.9	9.2
20°-30°	392.9	14.0
30°-40°	475.5	17.0
40°-50°	496.8	17.7
50°-60°	454.0	16.2
60°-70°	353.5	12.6
70°-80°	213.5	7.6
80°-90°	64.7	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°	742.0	26.5
0°-40°	1217.5	43.5
0°-60°	2168.3	77.4
0°-90°	2800.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2800.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	949	952	945	949	947	90
15°	916	919	913	919	916	259
25°	852	857	847	854	854	393
35°	766	763	755	758	758	478
45°	648	652	642	641	638	499
55°	512	514	509	504	504	458
65°	362	361	356	351	350	360
75°	209	206	202	197	196	220
85°	61	59	57	54	54	68
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	951.5	951.5	951.5	951.5	951.5
2.5°	952.3	954.9	948.0	953.2	949.7
5°	948.9	951.5	945.4	948.9	947.1
7.5°	948.0	945.4	940.3	943.7	945.4
10°	940.3	939.4	932.5	938.5	936.8
12.5°	930.8	931.6	923.0	930.8	928.2
15°	916.1	918.7	912.7	918.7	916.1
17.5°	907.5	906.7	900.7	905.0	905.0
20°	887.7	892.9	885.2	889.5	890.3
22.5°	874.8	874.0	867.1	867.9	871.4
25°	851.6	856.7	847.3	854.2	854.2
27.5°	831.8	835.2	829.2	831.8	834.4
30°	811.1	812.0	805.1	808.5	810.2
32.5°	788.7	790.4	782.7	785.3	782.7
35°	766.3	762.9	755.1	757.7	757.7
37.5°	737.1	737.9	730.2	731.9	731.0
40°	709.5	710.4	701.7	702.6	701.7
42.5°	676.8	679.4	674.2	672.5	669.9
45°	647.5	651.8	641.5	640.6	638.0
47.5°	613.9	616.5	612.2	607.0	608.8
50°	582.1	584.6	576.9	575.2	573.5
52.5°	547.6	550.2	543.3	539.9	538.2
55°	512.3	514.0	508.9	503.7	503.7
57.5°	476.2	476.2	471.0	466.7	465.0
60°	438.3	439.1	432.2	428.8	427.9
62.5°	403.0	403.8	396.1	391.8	390.1
65°	362.5	360.8	356.5	351.3	349.6
67.5°	326.3	324.6	317.7	314.3	312.6
70°	287.6	283.3	279.0	274.7	270.4
72.5°	245.4	244.5	240.2	235.9	233.3
75°	209.2	205.8	201.5	197.2	196.3
77.5°	169.6	168.8	165.3	160.2	160.2
80°	130.9	130.9	126.6	124.0	121.4
82.5°	97.3	95.6	91.3	88.7	87.0
85°	61.1	59.4	56.8	54.2	54.2
87.5°	27.6	25.8	25.8	24.1	24.1
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)