

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: P856430

Luminaire Tested: **11MMS-L3C5-UNV-MEDIUM-3000K**

Issue Date: 7/30/2024



Test Information

Test Method: LM-79-08
Report Number: P856430
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/30/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 11MMS-L3C5-UNV-MEDIUM-3000K
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel at MEDIUM and 3000K settings
Light Source: -
Ballast/Driver: -

Summary

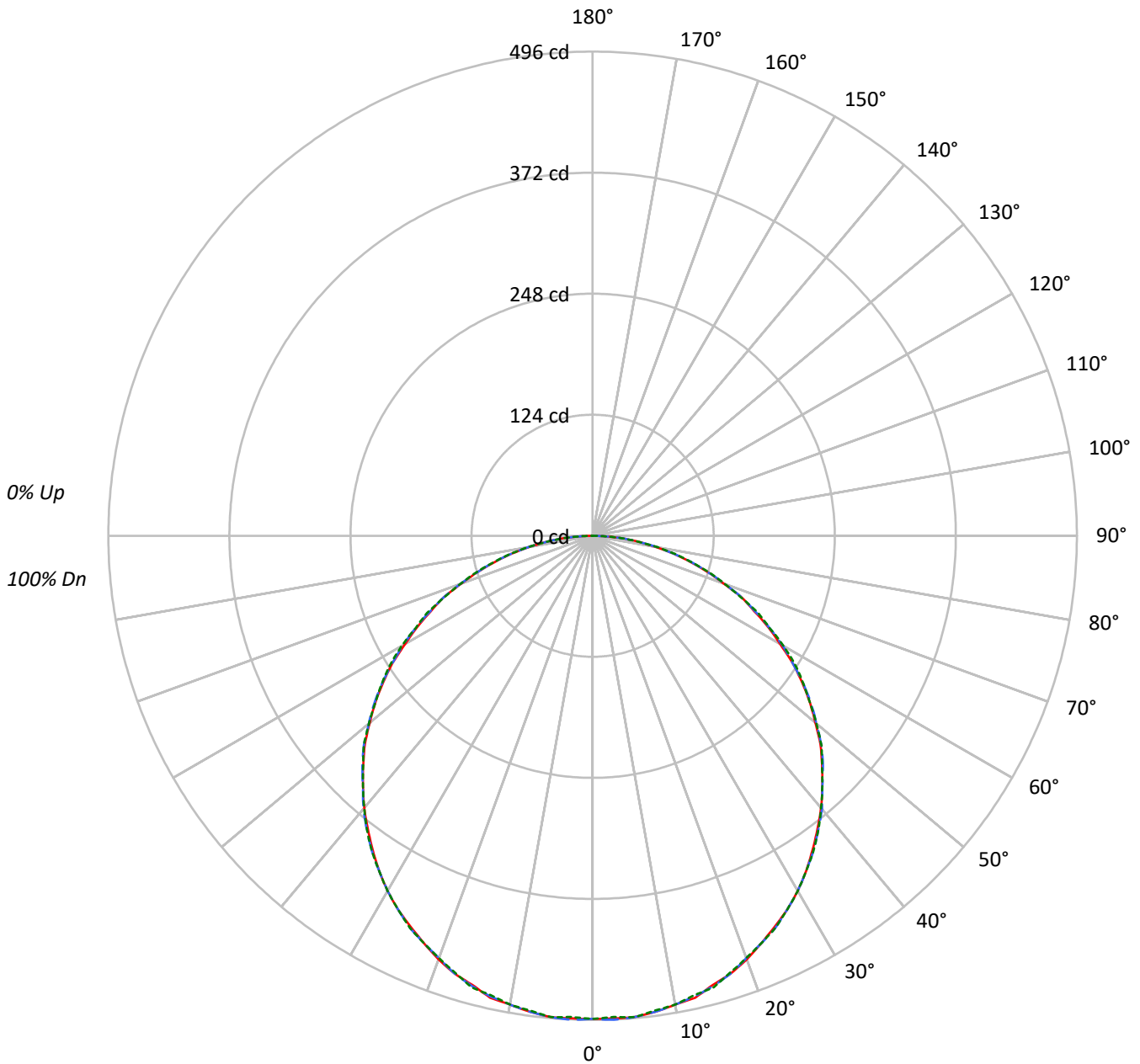
Lumens per Lamp: N/A
Luminaire Lumens: 1450.0 lumens
Efficiency: N/A
Efficacy: 102.1 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Rectangular (W 0.83' x L: 0.83' x H: 0')
CIE Type: Direct

Input Watts (W): 14.2
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	77	73	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	33																			
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	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	39	31	26	38	30	26	37	30	25	36	30	25	24																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7671	7671	7671
5°	7700	7700	7700
10°	7676	7676	7676
15°	7641	7664	7686
20°	7617	7593	7593
25°	7552	7578	7578
30°	7519	7519	7519
35°	7431	7459	7459
40°	7365	7393	7365
45°	7284	7315	7284
50°	7181	7215	7215
55°	7075	7115	7115
60°	6867	6956	7003
65°	6701	6752	6858
70°	6453	6521	6521
75°	6204	6288	6288
80°	5775	5909	6034
85°	5371	5371	5371



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.0	3.2
10°-20°	134.6	9.3
20°-30°	203.7	14.1
30°-40°	246.1	17.0
40°-50°	257.0	17.7
50°-60°	234.8	16.2
60°-70°	182.5	12.6
70°-80°	110.7	7.6
80°-90°	33.7	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°	385.3	26.6
0°-40°	631.4	43.5
0°-60°	1123.2	77.5
0°-90°	1450.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1450.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	495	495	495	495	495	
5°	495	493	495	493	495	47
15°	476	476	478	478	479	135
25°	442	442	443	442	443	204
35°	393	393	394	393	394	246
45°	332	332	334	334	332	256
55°	262	263	263	263	263	234
65°	183	184	184	186	187	181
75°	104	105	105	106	105	110
85°	30	30	30	30	30	33
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	494.9	494.9	494.9	494.9	494.9
2.5°	494.9	494.9	496.3	494.9	493.4
5°	494.9	493.4	494.9	493.4	494.9
7.5°	492.0	490.5	492.0	492.0	490.5
10°	487.7	487.7	487.7	487.7	487.7
12.5°	484.8	483.4	483.4	483.4	481.9
15°	476.2	476.2	477.6	477.6	479.0
17.5°	470.4	467.5	470.4	470.4	469.0
20°	461.8	461.8	460.3	460.3	460.3
22.5°	451.7	451.7	451.7	453.1	451.7
25°	441.6	441.6	443.1	441.6	443.1
27.5°	431.6	430.1	431.6	431.6	431.6
30°	420.1	418.6	420.1	418.6	420.1
32.5°	407.1	407.1	407.1	407.1	407.1
35°	392.7	392.7	394.2	392.7	394.2
37.5°	378.3	378.3	379.8	379.8	379.8
40°	364.0	364.0	365.4	365.4	364.0
42.5°	348.1	348.1	348.1	349.6	348.1
45°	332.3	332.3	333.7	333.7	332.3
47.5°	316.5	316.5	317.9	317.9	317.9
50°	297.8	299.2	299.2	299.2	299.2
52.5°	280.5	282.0	282.0	282.0	280.5
55°	261.8	263.3	263.3	263.3	263.3
57.5°	243.1	241.7	243.1	244.6	246.0
60°	221.5	224.4	224.4	224.4	225.9
62.5°	202.8	204.3	204.3	204.3	204.3
65°	182.7	184.1	184.1	185.6	187.0
67.5°	165.4	164.0	165.4	164.0	164.0
70°	142.4	143.9	143.9	145.3	143.9
72.5°	123.7	123.7	123.7	125.2	125.2
75°	103.6	105.0	105.0	106.5	105.0
77.5°	84.9	84.9	84.9	84.9	86.3
80°	64.7	66.2	66.2	66.2	67.6
82.5°	47.5	47.5	47.5	47.5	47.5
85°	30.2	30.2	30.2	30.2	30.2
87.5°	12.9	12.9	12.9	12.9	12.9
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)