

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: P856424

Luminaire Tested: **11MMS-L3C5-UNV-LOW-2700K**

Issue Date: 7/30/2024



**Test Information**

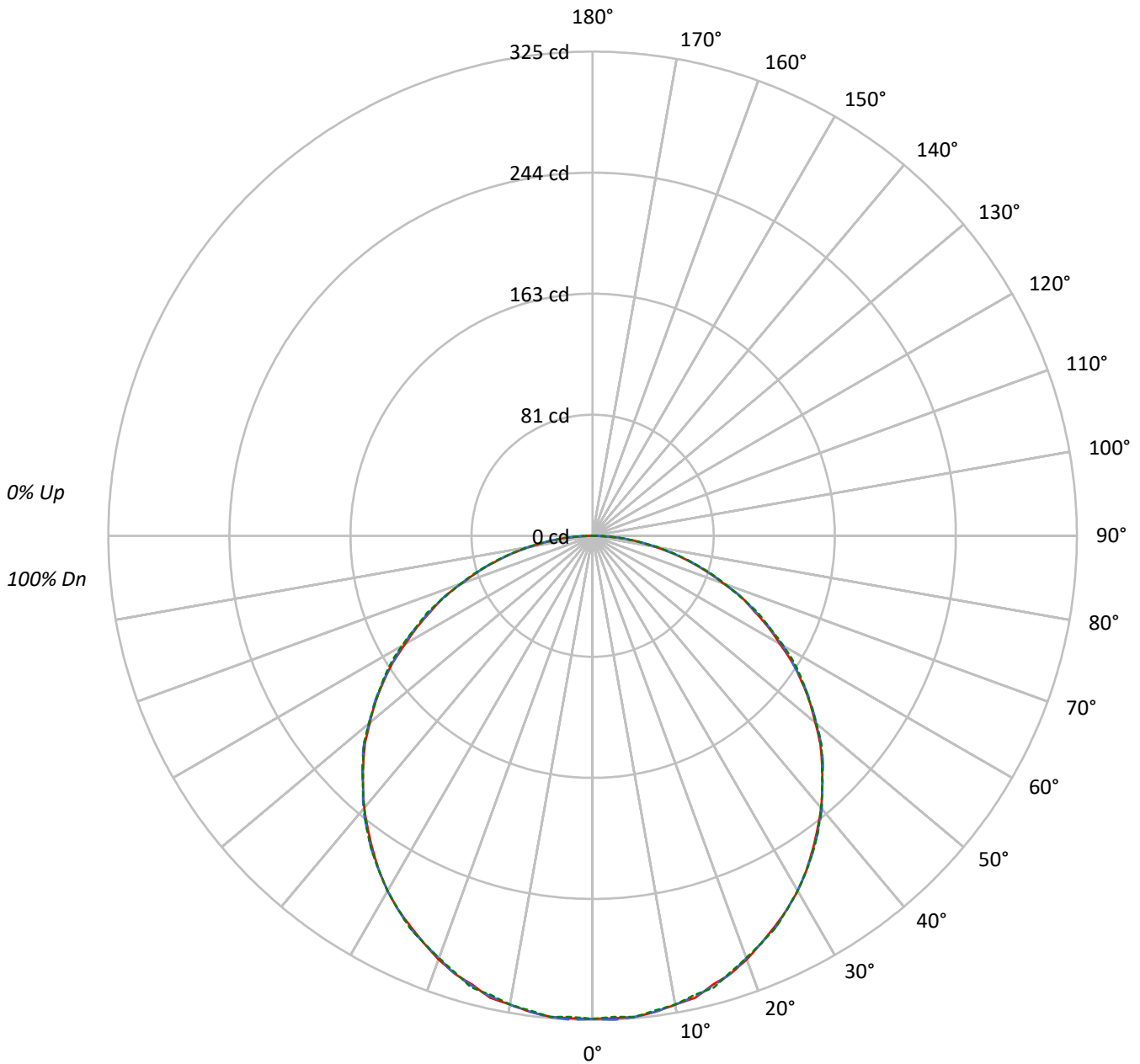
Test Method: LM-79-08  
Report Number: P856424  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-156-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/30/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 11MMS-L3C5-UNV-LOW-2700K  
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 2700K settings  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 950.0 lumens  
Efficiency: N/A  
Efficacy: 95.0 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): 10  
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	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°	5025	5025	5025
5°	5044	5044	5044
10°	5029	5029	5029
15°	5007	5021	5037
20°	4990	4975	4975
25°	4948	4965	4965
30°	4926	4926	4926
35°	4869	4886	4886
40°	4826	4844	4826
45°	4772	4794	4772
50°	4705	4726	4726
55°	4635	4662	4662
60°	4498	4557	4588
65°	4390	4423	4493
70°	4228	4269	4269
75°	4066	4120	4120
80°	3785	3874	3954
85°	3521	3521	3521



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.8	3.2
10°-20°	88.2	9.3
20°-30°	133.5	14.1
30°-40°	161.3	17.0
40°-50°	168.4	17.7
50°-60°	153.8	16.2
60°-70°	119.5	12.6
70°-80°	72.5	7.6
80°-90°	22.1	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°	252.4	26.6
0°-40°	413.7	43.5
0°-60°	735.9	77.5
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	324	324	324	324	324	
5°	324	323	324	323	324	31
15°	312	312	313	313	314	88
25°	289	289	290	289	290	133
35°	257	257	258	257	258	161
45°	218	218	219	219	218	168
55°	172	172	172	172	172	153
65°	120	121	121	122	122	119
75°	68	69	69	70	69	72
85°	20	20	20	20	20	22
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	324.2	324.2	324.2	324.2	324.2
2.5°	324.2	324.2	325.2	324.2	323.3
5°	324.2	323.3	324.2	323.3	324.2
7.5°	322.3	321.4	322.3	322.3	321.4
10°	319.5	319.5	319.5	319.5	319.5
12.5°	317.6	316.7	316.7	316.7	315.7
15°	312.0	312.0	312.9	312.9	313.9
17.5°	308.2	306.3	308.2	308.2	307.3
20°	302.5	302.5	301.6	301.6	301.6
22.5°	295.9	295.9	295.9	296.9	295.9
25°	289.3	289.3	290.3	289.3	290.3
27.5°	282.7	281.8	282.7	282.7	282.7
30°	275.2	274.3	275.2	274.3	275.2
32.5°	266.7	266.7	266.7	266.7	266.7
35°	257.3	257.3	258.2	257.3	258.2
37.5°	247.9	247.9	248.8	248.8	248.8
40°	238.5	238.5	239.4	239.4	238.5
42.5°	228.1	228.1	228.1	229.0	228.1
45°	217.7	217.7	218.7	218.7	217.7
47.5°	207.3	207.3	208.3	208.3	208.3
50°	195.1	196.0	196.0	196.0	196.0
52.5°	183.8	184.7	184.7	184.7	183.8
55°	171.5	172.5	172.5	172.5	172.5
57.5°	159.3	158.3	159.3	160.2	161.2
60°	145.1	147.0	147.0	147.0	148.0
62.5°	132.9	133.8	133.8	133.8	133.8
65°	119.7	120.6	120.6	121.6	122.5
67.5°	108.4	107.4	108.4	107.4	107.4
70°	93.3	94.2	94.2	95.2	94.2
72.5°	81.1	81.1	81.1	82.0	82.0
75°	67.9	68.8	68.8	69.7	68.8
77.5°	55.6	55.6	55.6	55.6	56.5
80°	42.4	43.4	43.4	43.4	44.3
82.5°	31.1	31.1	31.1	31.1	31.1
85°	19.8	19.8	19.8	19.8	19.8
87.5°	8.5	8.5	8.5	8.5	8.5
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)