

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: P856427

Luminaire Tested: **11MMS-L3C5-UNV-LOW-4000K**

Issue Date: 7/30/2024

Test Information

Test Method: LM-79-08
Report Number: P856427
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-4000K
Description: 1x1 Multi-mount Selectable Direct Mound LED Backlit Panel atLOW and 4000K settings
Light Source: -
Ballast/Driver: -

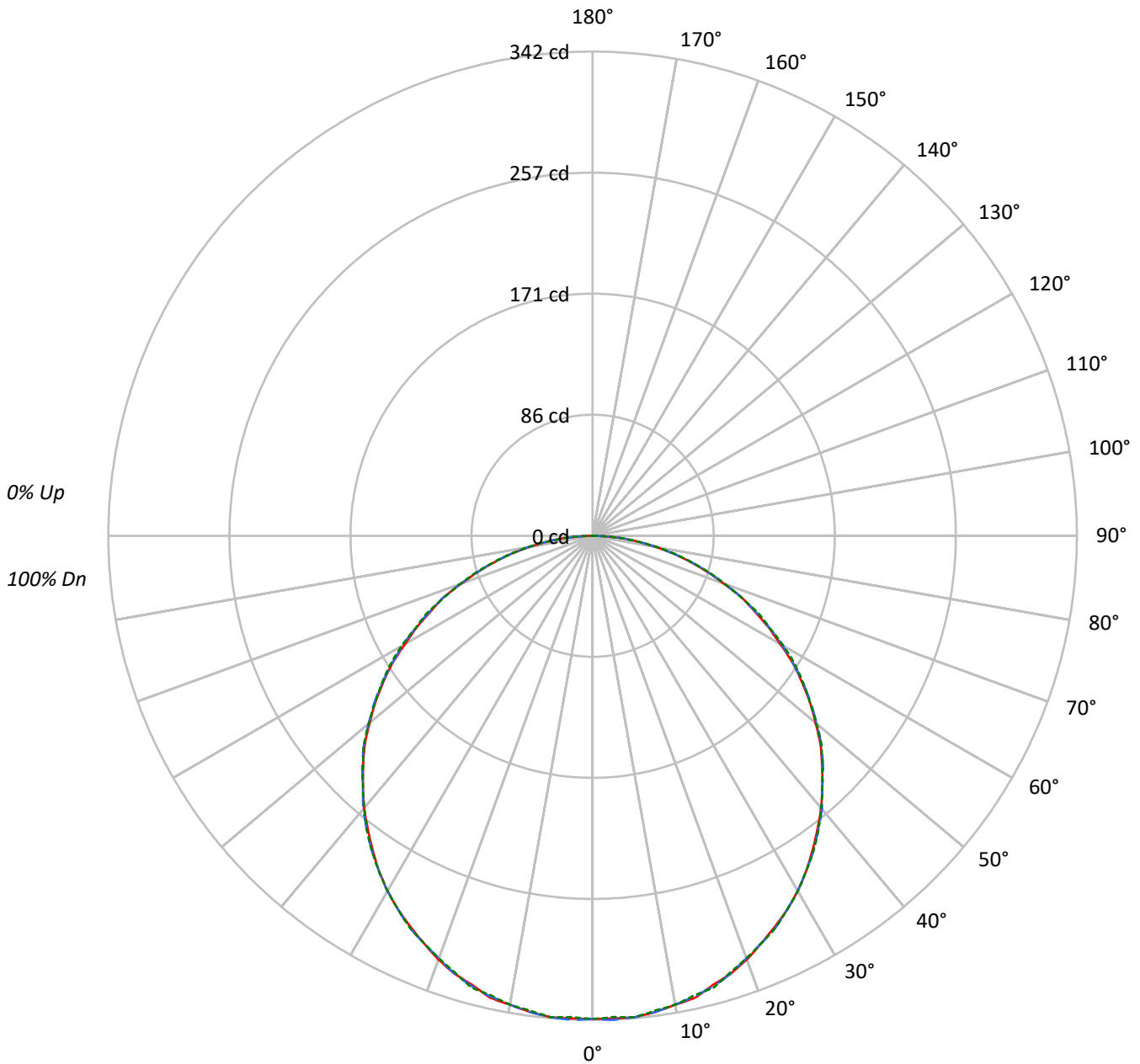
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1000.0 lumens
Efficiency: N/A
Efficacy: 100.0 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_{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°	5290	5290	5290
5°	5310	5310	5310
10°	5293	5293	5293
15°	5270	5286	5302
20°	5254	5237	5237
25°	5209	5226	5226
30°	5185	5185	5185
35°	5124	5143	5143
40°	5079	5099	5079
45°	5024	5046	5024
50°	4953	4977	4977
55°	4880	4907	4907
60°	4737	4799	4830
65°	4621	4658	4731
70°	4450	4496	4496
75°	4276	4336	4336
80°	3981	4070	4160
85°	3699	3699	3699



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	3.2
10°-20°	92.8	9.3
20°-30°	140.5	14.1
30°-40°	169.8	17.0
40°-50°	177.2	17.7
50°-60°	162.0	16.2
60°-70°	125.9	12.6
70°-80°	76.3	7.6
80°-90°	23.2	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°	265.7	26.6
0°-40°	435.4	43.5
0°-60°	774.7	77.5
0°-90°	1000.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1000.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	341	341	341	341	341	
5°	341	340	341	340	341	32
15°	328	328	329	329	330	93
25°	305	305	306	305	306	141
35°	271	271	272	271	272	170
45°	229	229	230	230	229	177
55°	181	182	182	182	182	161
65°	126	127	127	128	129	125
75°	71	72	72	73	72	76
85°	21	21	21	21	21	23
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	341.3	341.3	341.3	341.3	341.3
2.5°	341.3	341.3	342.3	341.3	340.3
5°	341.3	340.3	341.3	340.3	341.3
7.5°	339.3	338.3	339.3	339.3	338.3
10°	336.3	336.3	336.3	336.3	336.3
12.5°	334.3	333.3	333.3	333.3	332.4
15°	328.4	328.4	329.4	329.4	330.4
17.5°	324.4	322.4	324.4	324.4	323.4
20°	318.5	318.5	317.5	317.5	317.5
22.5°	311.5	311.5	311.5	312.5	311.5
25°	304.6	304.6	305.6	304.6	305.6
27.5°	297.6	296.6	297.6	297.6	297.6
30°	289.7	288.7	289.7	288.7	289.7
32.5°	280.8	280.8	280.8	280.8	280.8
35°	270.8	270.8	271.8	270.8	271.8
37.5°	260.9	260.9	261.9	261.9	261.9
40°	251.0	251.0	252.0	252.0	251.0
42.5°	240.1	240.1	240.1	241.1	240.1
45°	229.2	229.2	230.2	230.2	229.2
47.5°	218.3	218.3	219.3	219.3	219.3
50°	205.4	206.4	206.4	206.4	206.4
52.5°	193.5	194.5	194.5	194.5	193.5
55°	180.6	181.6	181.6	181.6	181.6
57.5°	167.7	166.7	167.7	168.7	169.6
60°	152.8	154.8	154.8	154.8	155.8
62.5°	139.9	140.9	140.9	140.9	140.9
65°	126.0	127.0	127.0	128.0	129.0
67.5°	114.1	113.1	114.1	113.1	113.1
70°	98.2	99.2	99.2	100.2	99.2
72.5°	85.3	85.3	85.3	86.3	86.3
75°	71.4	72.4	72.4	73.4	72.4
77.5°	58.5	58.5	58.5	58.5	59.5
80°	44.6	45.6	45.6	45.6	46.6
82.5°	32.7	32.7	32.7	32.7	32.7
85°	20.8	20.8	20.8	20.8	20.8
87.5°	8.9	8.9	8.9	8.9	8.9
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)