

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: P314695

Luminaire Tested: **22FPSL2SCT3-3000K-MID**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P314695  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1905-285-14)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 22FPSL2SCT3-3000K-MID  
Description: 2X2 CCT AND LUMEN SELECTABLE FLAT PANEL LUMINAIRE

Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2612.3 lumens  
Efficiency: N/A  
Efficacy: 108.4 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.36  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct

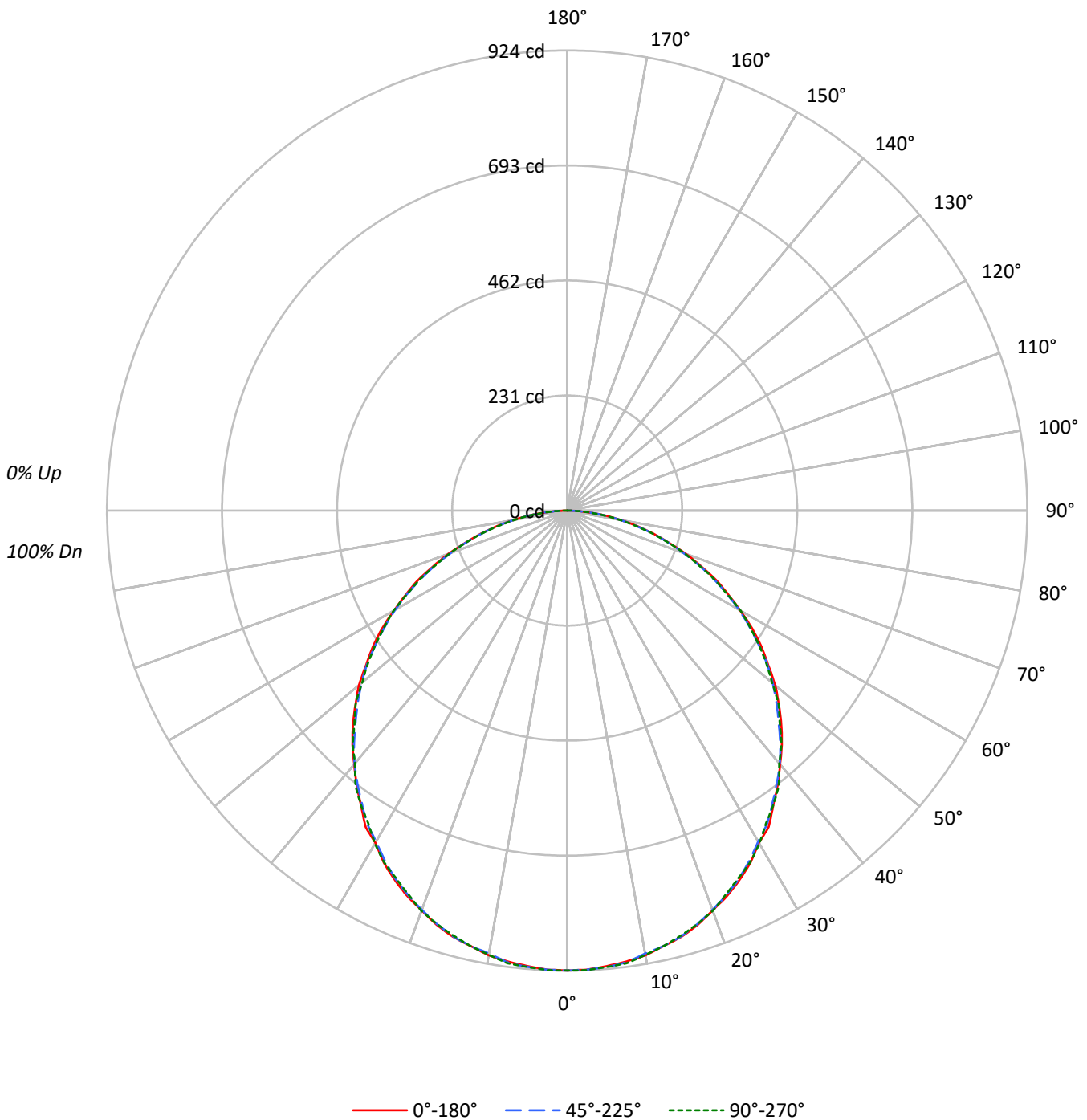
Input Watts (W): 24.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10	0		
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	109	104	99	96	106	101	98	94	97	94	91		93	91	88		90	88	86	83
2	99	90	83	78	96	88	82	77	85	79	75		82	77	73		79	75	72	69
3	90	79	71	64	87	78	70	64	75	68	63		72	66	62		69	65	61	58
4	82	70	61	55	80	69	61	54	66	59	53		64	58	53		62	56	52	50
5	76	63	54	47	73	62	53	47	59	52	46		57	51	46		56	50	45	43
6	70	56	47	41	68	55	47	41	54	46	40		52	45	40		50	44	40	38
7	65	51	42	36	63	50	42	36	49	41	36		47	40	35		46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42	36	31	30
9	56	43	35	29	55	42	34	29	41	34	29		40	33	29		39	33	28	27
10	53	39	32	26	51	39	31	26	38	31	26		37	31	26		36	30	26	24

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2485	2485	2485
5°	2480	2485	2485
10°	2478	2467	2475
15°	2469	2466	2461
20°	2446	2444	2449
25°	2431	2423	2417
30°	2393	2384	2399
35°	2370	2361	2370
40°	2337	2334	2327
45°	2315	2286	2297
50°	2284	2256	2249
55°	2235	2204	2204
60°	2160	2145	2166
65°	2103	2062	2073
70°	1995	1951	1973
75°	1868	1839	1839
80°	1681	1681	1654
85°	1417	1445	1417



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.3	3.3
10°-20°	249.3	9.5
20°-30°	375.6	14.4
30°-40°	450.4	17.2
40°-50°	466.1	17.8
50°-60°	421.3	16.1
60°-70°	321.7	12.3
70°-80°	187.2	7.2
80°-90°	53.3	2.0
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°	712.2	27.3
0°-40°	1162.7	44.5
0°-60°	2050.1	78.5
0°-90°	2612.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2612.3	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	924	924	924	924	924	
5°	918	917	920	918	920	87
15°	886	884	885	885	883	250
25°	819	816	816	814	814	377
35°	722	722	719	719	722	452
45°	608	604	601	604	604	469
55°	476	472	470	470	470	425
65°	330	327	324	324	326	325
75°	180	178	177	175	177	189
85°	46	47	47	45	46	54
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	923.6	923.6	923.6	923.6	923.6
2.5°	922.6	923.6	922.6	921.7	923.6
5°	918.0	917.0	919.8	918.0	919.8
7.5°	913.3	909.5	915.2	917.0	917.0
10°	906.7	904.9	903.0	904.9	905.8
12.5°	895.5	896.4	895.5	897.4	895.5
15°	886.1	884.3	885.2	885.2	883.3
17.5°	872.1	866.5	870.2	867.4	870.2
20°	854.3	852.5	853.4	850.6	855.3
22.5°	838.4	834.7	835.6	833.7	833.7
25°	818.8	816.0	816.0	814.1	814.1
27.5°	797.2	796.3	792.6	790.7	796.3
30°	770.1	771.0	767.3	767.3	772.0
32.5°	753.3	746.7	746.7	743.9	743.9
35°	721.5	721.5	718.6	718.6	721.5
37.5°	694.3	692.4	691.5	692.4	698.1
40°	665.3	666.2	664.4	662.5	662.5
42.5°	638.2	636.3	633.5	632.6	637.2
45°	608.2	604.5	600.7	603.6	603.6
47.5°	576.4	574.5	569.9	570.8	576.4
50°	545.5	545.5	539.0	539.0	537.1
52.5°	509.0	506.2	506.2	504.4	504.4
55°	476.3	472.5	469.7	469.7	469.7
57.5°	440.7	438.9	434.2	434.2	435.1
60°	401.4	399.6	398.6	397.7	402.4
62.5°	364.9	363.1	361.2	362.1	361.2
65°	330.3	326.6	323.8	323.8	325.6
67.5°	290.1	290.1	286.3	285.4	285.4
70°	253.6	251.7	248.0	248.0	250.8
72.5°	213.3	214.3	212.4	212.4	211.5
75°	179.7	177.8	176.9	175.0	176.9
77.5°	144.1	142.2	141.3	139.4	139.4
80°	108.5	108.5	108.5	106.7	106.7
82.5°	78.6	76.7	76.7	75.8	74.9
85°	45.9	46.8	46.8	44.9	45.9
87.5°	19.7	19.7	18.7	19.7	19.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)