

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: P565927

Luminaire Tested: **2SNX-SL3-UNV-CC83-CD-4000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565927
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-SL3-UNV-CC83-CD-4000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 80CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

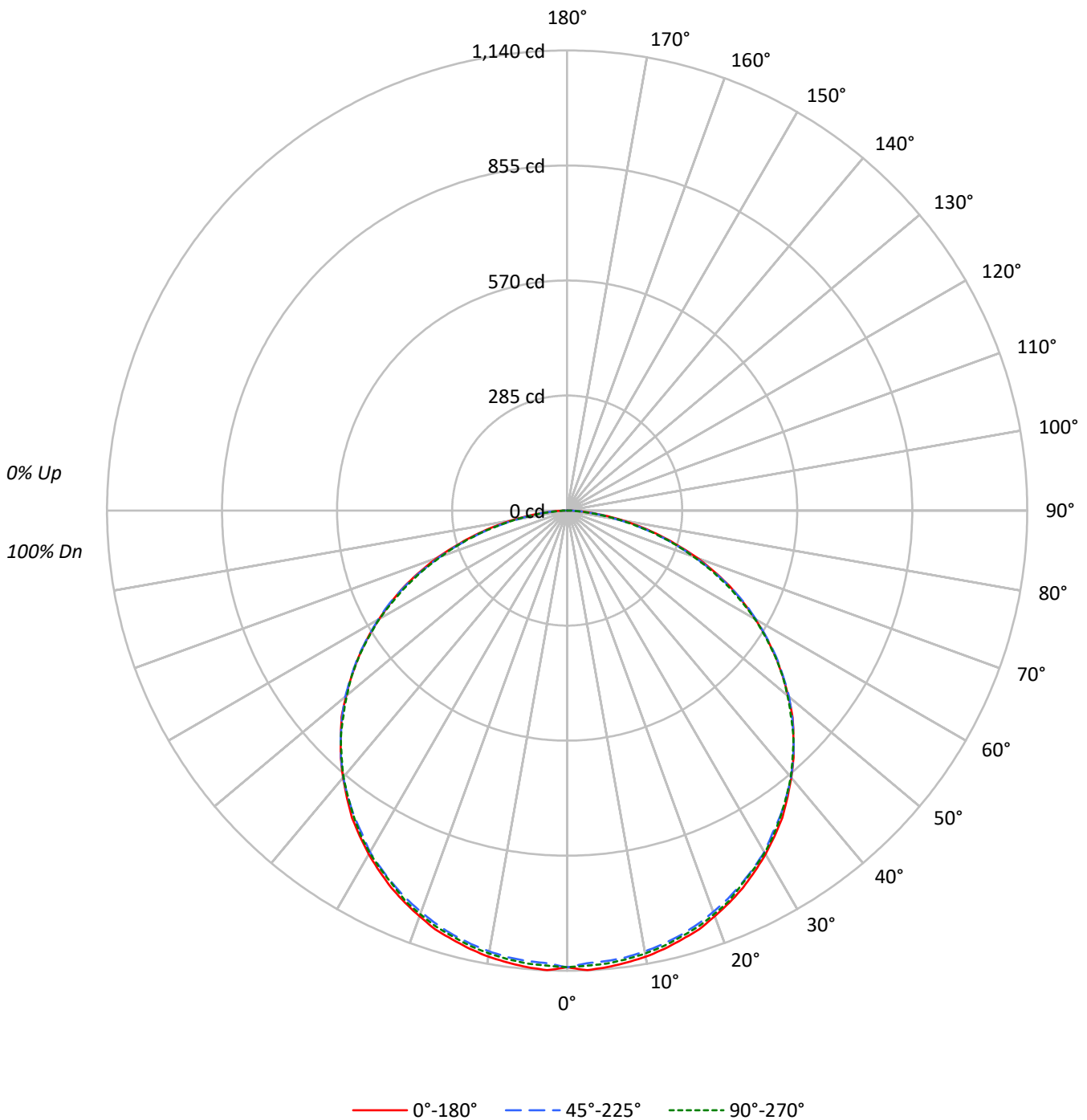
Lumens per Lamp: N/A
Luminaire Lumens: 3383.0 lumens
Efficiency: N/A
Efficacy: 169.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 20
Input Voltage (V): NR
Input Current (Ain): 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	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					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	24357	24357	24357
5°	24538	24208	24342
10°	24533	24245	24354
15°	24514	24264	24356
20°	24499	24243	24383
25°	24483	24240	24290
30°	24433	24281	24331
35°	24415	24225	24254
40°	24275	24247	24219
45°	24131	24161	24131
50°	23956	24023	23853
55°	23638	23717	23601
60°	23173	23263	23130
65°	22704	22546	22235
70°	21583	21136	20878
75°	19721	19039	19131
80°	17034	15769	16141
85°	12820	12326	11066



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.3	3.2
10°-20°	309.3	9.1
20°-30°	473.2	14.0
30°-40°	578.6	17.1
40°-50°	612.1	18.1
50°-60°	563.9	16.7
60°-70°	434.6	12.8
70°-80°	243.5	7.2
80°-90°	60.5	1.8
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°	889.8	26.3
0°-40°	1468.4	43.4
0°-60°	2644.4	78.2
0°-90°	3383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3383.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1131	1131	1131	1131	1131	
5°	1136	1131	1120	1131	1126	108
15°	1100	1098	1089	1098	1093	311
25°	1031	1029	1020	1029	1023	475
35°	929	927	922	925	923	580
45°	793	796	794	793	793	612
55°	630	635	632	632	629	562
65°	446	446	443	431	436	438
75°	237	234	229	221	230	251
85°	52	49	50	50	45	64
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1131.4	1131.4	1131.4	1131.4	1131.4
2.5°	1139.6	1134.5	1122.3	1133.5	1128.4
5°	1135.5	1131.4	1120.2	1131.4	1126.4
7.5°	1129.4	1126.4	1116.2	1126.4	1121.3
10°	1122.3	1119.2	1109.1	1119.2	1114.1
12.5°	1112.1	1110.1	1099.9	1110.1	1105.0
15°	1099.9	1097.9	1088.7	1097.9	1092.8
17.5°	1087.7	1083.6	1074.5	1084.6	1080.6
20°	1069.4	1067.3	1058.2	1067.3	1064.3
22.5°	1051.1	1049.0	1040.9	1049.0	1047.0
25°	1030.7	1028.7	1020.5	1028.7	1022.6
27.5°	1007.3	1008.3	999.2	1004.3	1001.2
30°	982.9	982.9	976.8	978.8	978.8
32.5°	956.4	956.4	947.3	953.4	952.4
35°	929.0	926.9	921.8	924.9	922.9
37.5°	896.4	895.4	892.3	894.4	892.3
40°	863.8	864.9	862.8	861.8	861.8
42.5°	830.3	832.3	829.2	828.2	827.2
45°	792.6	795.7	793.6	792.6	792.6
47.5°	758.0	759.0	756.0	755.0	751.9
50°	715.3	719.4	717.3	715.3	712.2
52.5°	672.6	678.7	674.6	672.6	672.6
55°	629.8	634.9	631.9	631.9	628.8
57.5°	585.1	590.1	586.1	586.1	582.0
60°	538.2	543.3	540.3	537.2	537.2
62.5°	491.4	495.5	494.5	489.4	486.4
65°	445.7	445.7	442.6	431.4	436.5
67.5°	393.8	392.7	388.7	377.5	384.6
70°	342.9	342.9	335.8	322.5	331.7
72.5°	287.9	291.0	281.8	272.7	281.8
75°	237.1	234.0	228.9	220.8	230.0
77.5°	188.2	183.1	177.0	173.0	178.1
80°	137.4	134.3	127.2	127.2	130.2
82.5°	93.6	90.6	85.5	86.5	82.4
85°	51.9	48.8	49.9	49.9	44.8
87.5°	21.4	21.4	21.4	19.3	17.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)