

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: P565930

Luminaire Tested: **2SNX-SL3-UNV-CC83-CD-5000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565930
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-5000K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

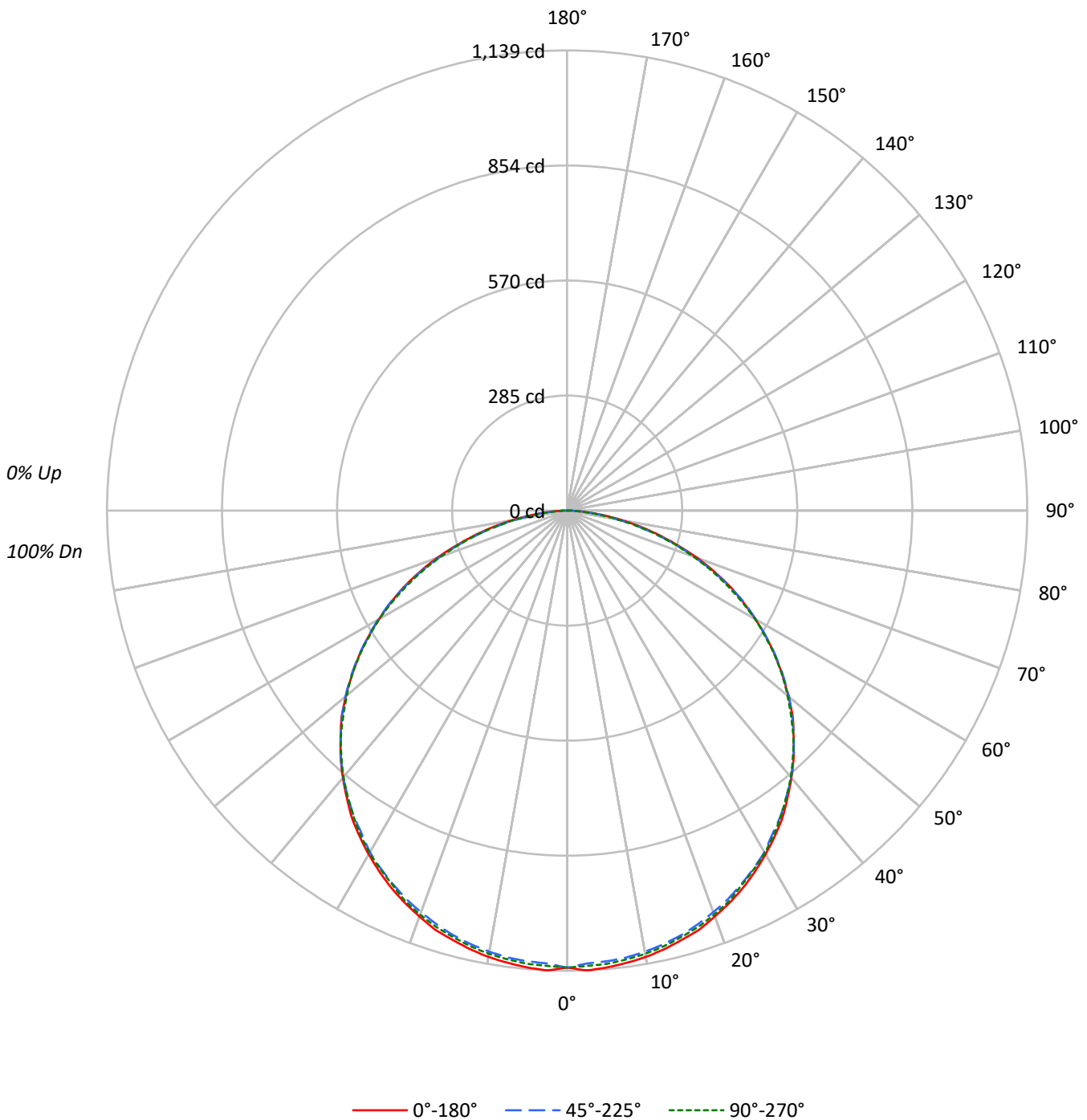
Lumens per Lamp: N/A
Luminaire Lumens: 3382.0 lumens
Efficiency: N/A
Efficacy: 167.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 20.2
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	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	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	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	37	32	58	45	37	31	44	37	31	43	36	31	42	35	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	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	24350	24350	24350
5°	24532	24201	24333
10°	24527	24236	24348
15°	24507	24257	24349
20°	24492	24236	24376
25°	24475	24233	24283
30°	24426	24274	24324
35°	24407	24220	24247
40°	24269	24241	24213
45°	24125	24155	24125
50°	23950	24017	23846
55°	23631	23709	23593
60°	23168	23254	23125
65°	22693	22541	22230
70°	21577	21130	20872
75°	19713	19039	19122
80°	17022	15757	16141
85°	12820	12301	11066



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.3	3.2
10°-20°	309.2	9.1
20°-30°	473.1	14.0
30°-40°	578.4	17.1
40°-50°	611.9	18.1
50°-60°	563.8	16.7
60°-70°	434.4	12.8
70°-80°	243.4	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°	889.6	26.3
0°-40°	1468.0	43.4
0°-60°	2643.7	78.2
0°-90°	3382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3382.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1131	1131	1131	1131	1131	
5°	1135	1131	1120	1131	1126	108
15°	1100	1098	1088	1098	1092	311
25°	1030	1028	1020	1028	1022	475
35°	929	927	922	925	923	580
45°	792	795	793	792	792	612
55°	630	635	632	632	629	562
65°	446	446	442	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°	1131.1	1131.1	1131.1	1131.1	1131.1
2.5°	1139.2	1134.2	1122.0	1133.1	1128.1
5°	1135.2	1131.1	1119.9	1131.1	1126.0
7.5°	1129.1	1126.0	1115.8	1126.0	1120.9
10°	1122.0	1118.9	1108.7	1118.9	1113.8
12.5°	1111.8	1109.7	1099.6	1109.7	1104.7
15°	1099.6	1097.5	1088.4	1097.5	1092.5
17.5°	1087.4	1083.3	1074.1	1084.3	1080.2
20°	1069.1	1067.0	1057.9	1067.0	1064.0
22.5°	1050.7	1048.7	1040.6	1048.7	1046.7
25°	1030.4	1028.4	1020.2	1028.4	1022.3
27.5°	1007.0	1008.0	998.9	1004.0	1000.9
30°	982.6	982.6	976.5	978.5	978.5
32.5°	956.2	956.2	947.0	953.1	952.1
35°	928.7	926.7	921.6	924.6	922.6
37.5°	896.1	895.1	892.1	894.1	892.1
40°	863.6	864.6	862.6	861.6	861.6
42.5°	830.0	832.1	829.0	828.0	827.0
45°	792.4	795.4	793.4	792.4	792.4
47.5°	757.8	758.8	755.8	754.7	751.7
50°	715.1	719.1	717.1	715.1	712.0
52.5°	672.4	678.5	674.4	672.4	672.4
55°	629.6	634.7	631.7	631.7	628.6
57.5°	584.9	590.0	585.9	585.9	581.8
60°	538.1	543.2	540.1	537.1	537.1
62.5°	491.3	495.4	494.4	489.3	486.2
65°	445.5	445.5	442.5	431.3	436.4
67.5°	393.6	392.6	388.6	377.4	384.5
70°	342.8	342.8	335.7	322.4	331.6
72.5°	287.9	290.9	281.8	272.6	281.8
75°	237.0	234.0	228.9	220.7	229.9
77.5°	188.2	183.1	177.0	172.9	178.0
80°	137.3	134.3	127.1	127.1	130.2
82.5°	93.6	90.5	85.4	86.5	82.4
85°	51.9	48.8	49.8	49.8	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)