

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: P565683

Luminaire Tested: **2SNX-30SL-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565683  
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-30SL-UNV-L835-CD  
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

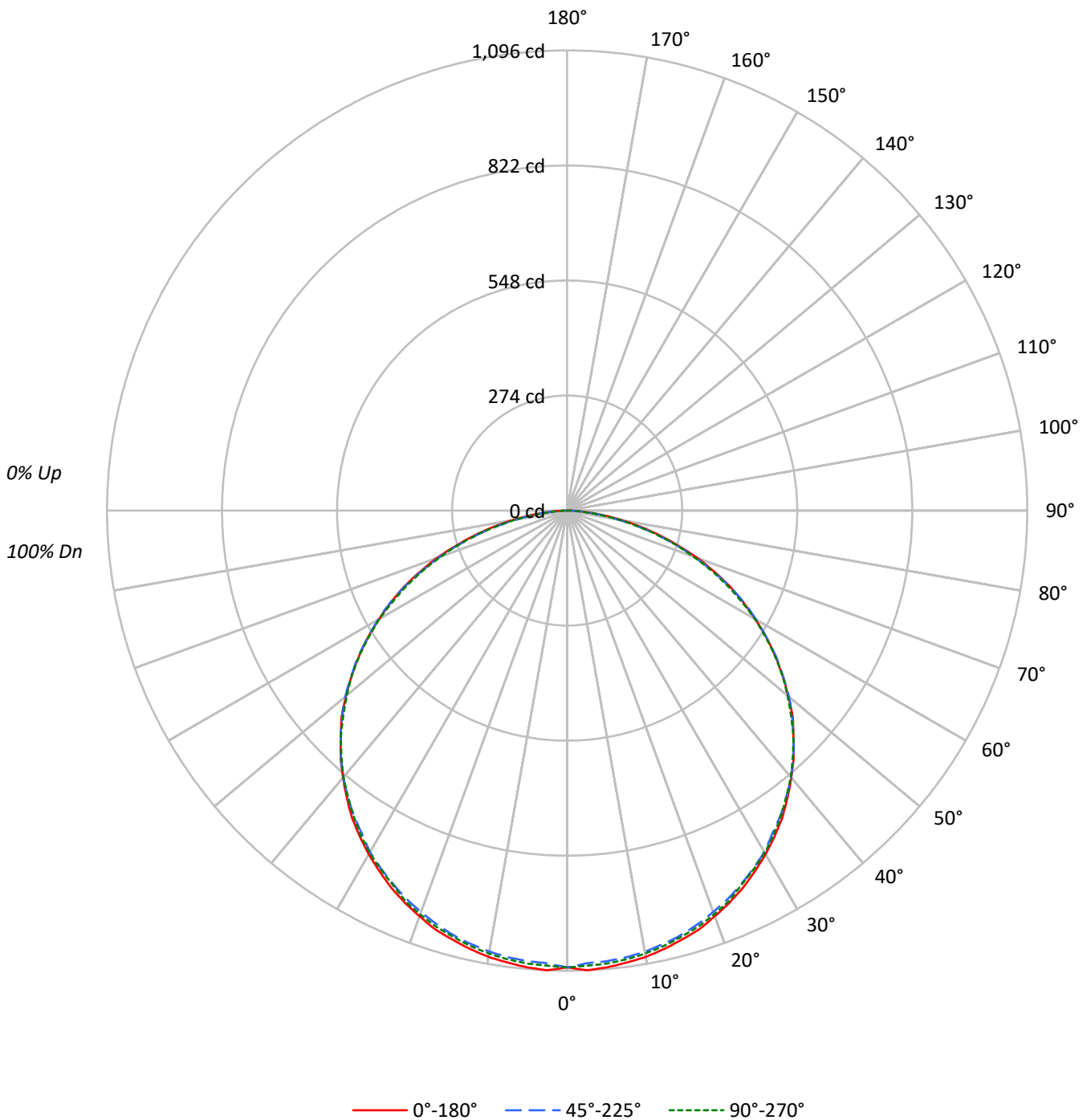
Lumens per Lamp: N/A  
Luminaire Lumens: 3253.0 lumens  
Efficiency: N/A  
Efficacy: 154.9 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 21  
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	38	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°	23422	23422	23422
5°	23596	23278	23406
10°	23591	23311	23419
15°	23571	23333	23419
20°	23558	23310	23446
25°	23542	23309	23357
30°	23493	23347	23397
35°	23476	23295	23321
40°	23342	23317	23289
45°	23205	23233	23205
50°	23035	23102	22938
55°	22730	22805	22692
60°	22286	22367	22243
65°	21827	21680	21379
70°	20752	20324	20079
75°	18964	18307	18390
80°	16377	15162	15522
85°	12326	11831	10621



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	103.2	3.2
10°-20°	297.4	9.1
20°-30°	455.0	14.0
30°-40°	556.4	17.1
40°-50°	588.5	18.1
50°-60°	542.3	16.7
60°-70°	417.9	12.8
70°-80°	234.1	7.2
80°-90°	58.2	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°	855.6	26.3
0°-40°	1412.0	43.4
0°-60°	2542.8	78.2
0°-90°	3253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3253.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1088	1088	1088	1088	1088	
5°	1092	1088	1077	1088	1083	104
15°	1058	1056	1047	1056	1051	299
25°	991	989	981	989	983	457
35°	893	891	886	889	887	558
45°	762	765	763	762	762	589
55°	606	610	608	608	605	541
65°	428	428	426	415	420	422
75°	228	225	220	212	221	242
85°	50	47	48	48	43	62
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1088.0	1088.0	1088.0	1088.0	1088.0
2.5°	1095.8	1090.9	1079.2	1089.9	1085.0
5°	1091.9	1088.0	1077.2	1088.0	1083.1
7.5°	1086.0	1083.1	1073.3	1083.1	1078.2
10°	1079.2	1076.2	1066.4	1076.2	1071.3
12.5°	1069.4	1067.4	1057.6	1067.4	1062.5
15°	1057.6	1055.7	1046.9	1055.7	1050.8
17.5°	1045.9	1042.0	1033.2	1043.0	1039.0
20°	1028.3	1026.3	1017.5	1026.3	1023.4
22.5°	1010.7	1008.7	1000.9	1008.7	1006.8
25°	991.1	989.1	981.3	989.1	983.3
27.5°	968.6	969.6	960.8	965.7	962.7
30°	945.1	945.1	939.2	941.2	941.2
32.5°	919.7	919.7	910.9	916.7	915.8
35°	893.3	891.3	886.4	889.4	887.4
37.5°	862.0	861.0	858.0	860.0	858.0
40°	830.6	831.6	829.7	828.7	828.7
42.5°	798.4	800.3	797.4	796.4	795.4
45°	762.2	765.1	763.1	762.2	762.2
47.5°	728.9	729.9	726.9	726.0	723.0
50°	687.8	691.7	689.8	687.8	684.9
52.5°	646.7	652.6	648.7	646.7	646.7
55°	605.6	610.5	607.6	607.6	604.6
57.5°	562.6	567.5	563.5	563.5	559.6
60°	517.6	522.5	519.5	516.6	516.6
62.5°	472.6	476.5	475.5	470.6	467.7
65°	428.5	428.5	425.6	414.8	419.7
67.5°	378.6	377.7	373.7	363.0	369.8
70°	329.7	329.7	322.9	310.1	319.0
72.5°	276.9	279.8	271.0	262.2	271.0
75°	228.0	225.0	220.1	212.3	221.1
77.5°	181.0	176.1	170.2	166.3	171.2
80°	132.1	129.1	122.3	122.3	125.2
82.5°	90.0	87.1	82.2	83.2	79.2
85°	49.9	47.0	47.9	47.9	43.0
87.5°	20.5	20.5	20.5	18.6	16.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)