

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: P565682

Luminaire Tested: **2SNX-30SL-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565682
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-L830-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

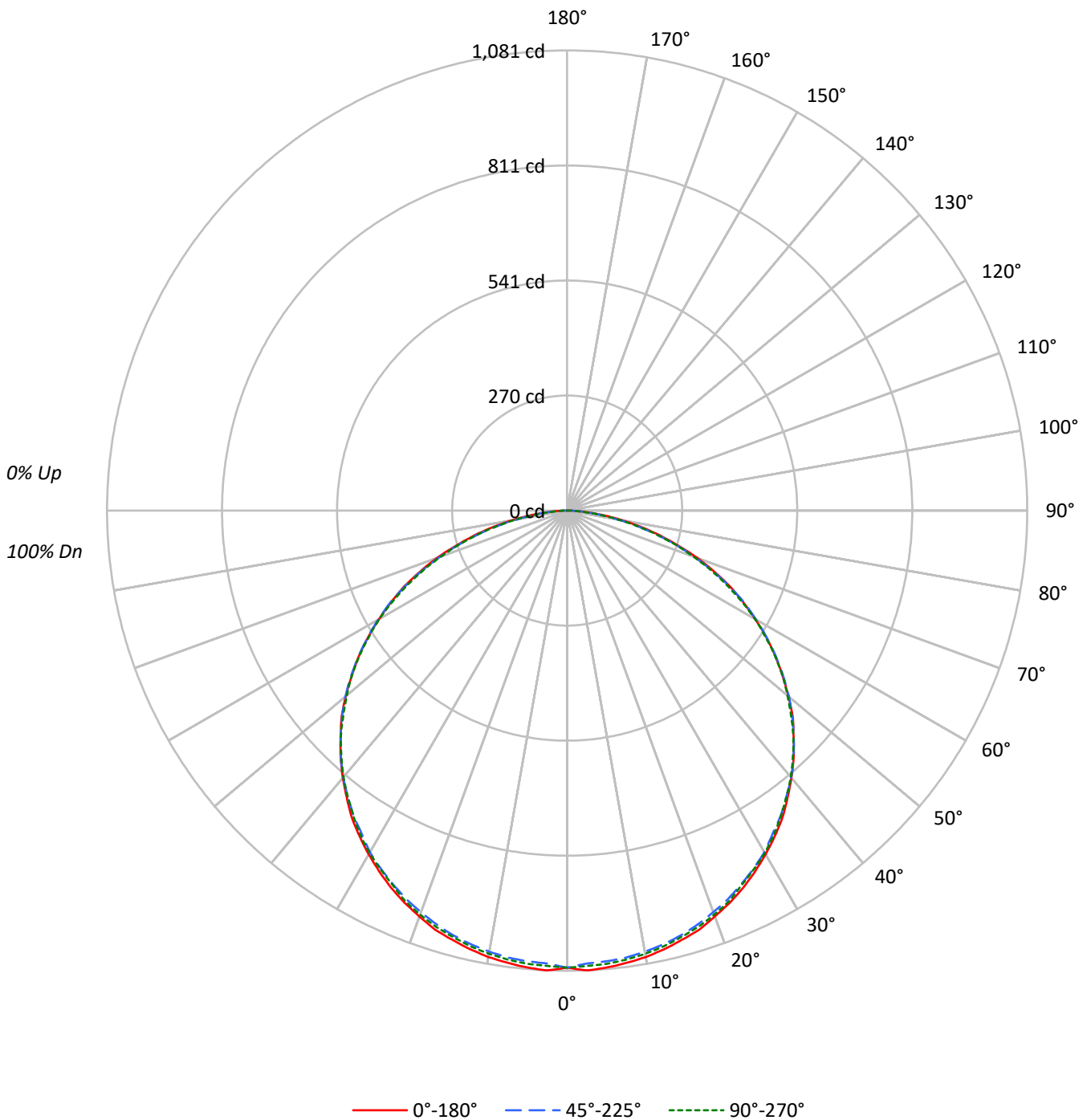
Lumens per Lamp: N/A
Luminaire Lumens: 3210.0 lumens
Efficiency: N/A
Efficacy: 152.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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	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°	23112	23112	23112
5°	23283	22971	23097
10°	23279	23003	23110
15°	23261	23023	23110
20°	23246	23003	23136
25°	23231	23000	23048
30°	23183	23039	23088
35°	23166	22988	23014
40°	23036	23008	22979
45°	22898	22928	22898
50°	22731	22794	22633
55°	22429	22501	22392
60°	21989	22075	21950
65°	21542	21394	21099
70°	20482	20054	19808
75°	18715	18066	18149
80°	16154	14964	15323
85°	12153	11683	10498



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.8	3.2
10°-20°	293.5	9.1
20°-30°	449.0	14.0
30°-40°	549.0	17.1
40°-50°	580.8	18.1
50°-60°	535.1	16.7
60°-70°	412.4	12.8
70°-80°	231.0	7.2
80°-90°	57.4	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°	844.3	26.3
0°-40°	1393.4	43.4
0°-60°	2509.2	78.2
0°-90°	3210.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3210.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1074	1074	1074	1074	1074	
5°	1077	1074	1063	1074	1069	102
15°	1044	1042	1033	1042	1037	295
25°	978	976	968	976	970	451
35°	882	880	875	878	876	551
45°	752	755	753	752	752	581
55°	598	602	600	600	597	534
65°	423	423	420	409	414	416
75°	225	222	217	210	218	239
85°	49	46	47	47	42	61
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1073.6	1073.6	1073.6	1073.6	1073.6
2.5°	1081.3	1076.5	1064.9	1075.5	1070.7
5°	1077.4	1073.6	1063.0	1073.6	1068.8
7.5°	1071.7	1068.8	1059.1	1068.8	1063.9
10°	1064.9	1062.0	1052.3	1062.0	1057.2
12.5°	1055.2	1053.3	1043.7	1053.3	1048.5
15°	1043.7	1041.7	1033.0	1041.7	1036.9
17.5°	1032.1	1028.2	1019.5	1029.2	1025.3
20°	1014.7	1012.8	1004.1	1012.8	1009.9
22.5°	997.3	995.4	987.7	995.4	993.4
25°	978.0	976.1	968.3	976.1	970.3
27.5°	955.8	956.8	948.1	952.9	950.0
30°	932.6	932.6	926.8	928.8	928.8
32.5°	907.5	907.5	898.8	904.6	903.7
35°	881.5	879.5	874.7	877.6	875.7
37.5°	850.6	849.6	846.7	848.6	846.7
40°	819.7	820.6	818.7	817.7	817.7
42.5°	787.8	789.7	786.8	785.9	784.9
45°	752.1	755.0	753.1	752.1	752.1
47.5°	719.3	720.2	717.3	716.4	713.5
50°	678.7	682.6	680.6	678.7	675.8
52.5°	638.2	644.0	640.1	638.2	638.2
55°	597.6	602.4	599.5	599.5	596.6
57.5°	555.1	560.0	556.1	556.1	552.2
60°	510.7	515.6	512.7	509.8	509.8
62.5°	466.3	470.2	469.2	464.4	461.5
65°	422.9	422.9	420.0	409.4	414.2
67.5°	373.6	372.7	368.8	358.2	364.9
70°	325.4	325.4	318.6	306.0	314.7
72.5°	273.2	276.1	267.4	258.7	267.4
75°	225.0	222.1	217.2	209.5	218.2
77.5°	178.6	173.8	168.0	164.1	169.0
80°	130.3	127.4	120.7	120.7	123.6
82.5°	88.8	85.9	81.1	82.1	78.2
85°	49.2	46.3	47.3	47.3	42.5
87.5°	20.3	20.3	20.3	18.3	16.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)