

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: P565680

Luminaire Tested: **2SNX-30SL-SLW-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-30SL-SLW-UNV-L940-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

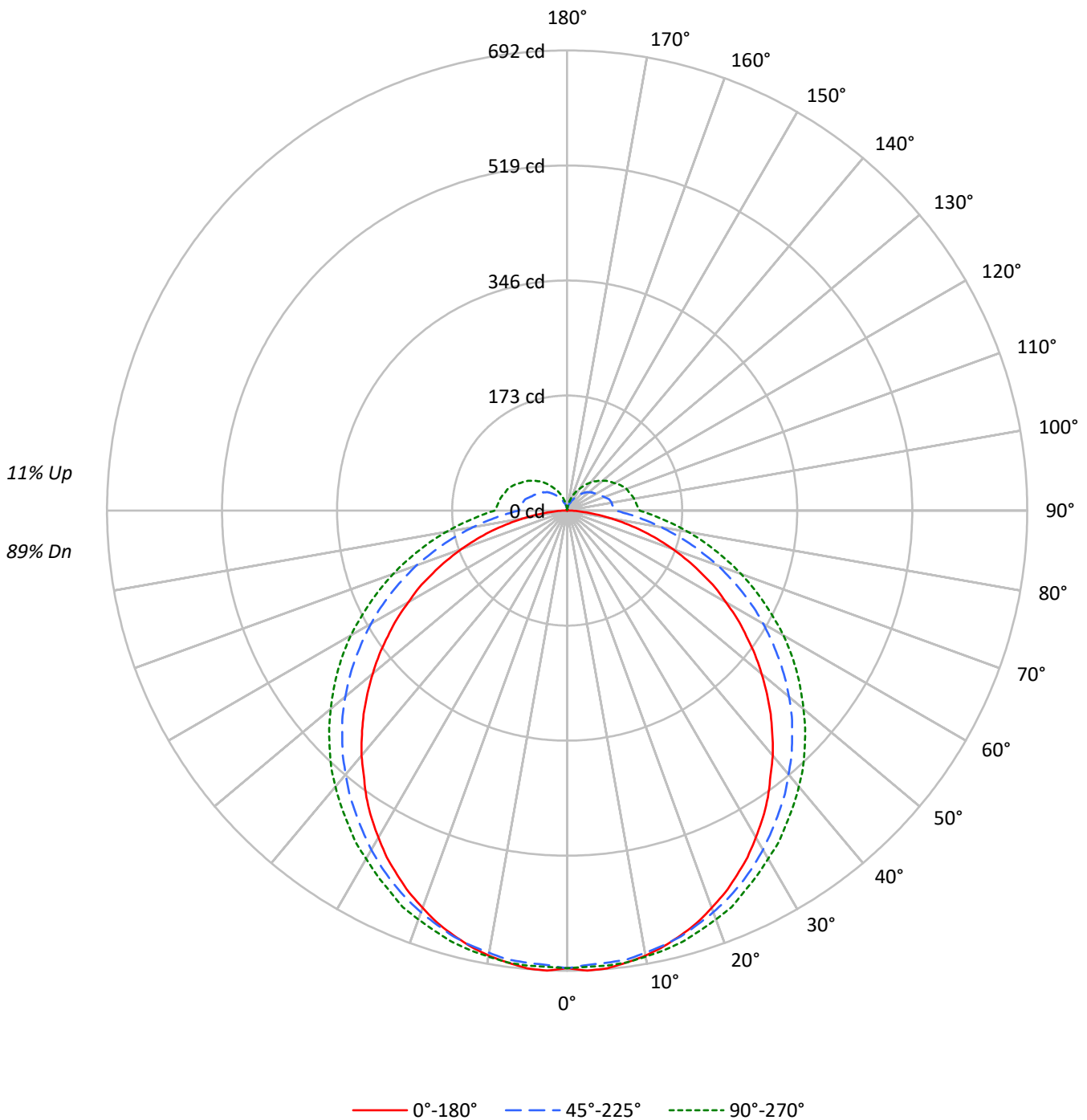
Lumens per Lamp: N/A
Luminaire Lumens: 2450.0 lumens
Efficiency: N/A
Efficacy: 116.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	77	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	14815	14815	14815
5°	14879	14416	14423
10°	14750	14107	14065
15°	14574	13794	13737
20°	14347	13435	13372
25°	14086	13085	12989
30°	13779	12702	12610
35°	13443	12305	12255
40°	13062	11914	11915
45°	12652	11517	11547
50°	12181	11096	11134
55°	11664	10596	10729
60°	11058	10062	10278
65°	10422	9460	9712
70°	9543	8798	9154
75°	8383	7963	8540
80°	6553	7112	7934
85°	4272	6368	7310



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	2.7
10°-20°	187.9	7.7
20°-30°	285.7	11.7
30°-40°	346.8	14.2
40°-50°	366.5	15.0
50°-60°	342.9	14.0
60°-70°	281.4	11.5
70°-80°	193.5	7.9
80°-90°	106.0	4.3
90°-100°	68.2	2.8
100°-110°	61.2	2.5
110°-120°	50.7	2.1
120°-130°	39.0	1.6
130°-140°	27.4	1.1
140°-150°	16.5	0.7
150°-160°	7.9	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	539.0	22.0
0°-40°	885.8	36.2
0°-60°	1595.1	65.1
0°-90°	2176.0	88.8
90°-120°	180.2	7.4
90°-150°	263.2	10.7
90°-180°	274.0	11.2
0°-180°	2450.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	688	688	688	688	688	
5°	691	690	682	688	687	66
15°	661	664	663	671	671	186
25°	604	612	619	632	632	279
35°	526	539	555	570	575	329
45°	433	453	478	500	505	334
55°	329	356	389	413	421	295
65°	223	253	291	318	326	221
75°	116	148	190	220	230	123
85°	26	61	104	132	142	30
90°	0	34	72	99	109	2
95°	0	33	70	95	105	0
105°	0	27	65	89	98	1
115°	1	24	55	80	89	1
125°	1	20	47	68	77	1
135°	1	16	38	55	62	1
145°	1	11	27	43	47	1
155°	1	7	17	27	31	1
165°	1	4	8	13	16	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	688.2	688.2	688.2	688.2	688.2
2.5°	692.5	691.0	684.0	689.6	686.8
5°	691.0	689.6	682.5	688.2	686.8
7.5°	685.4	685.4	681.1	686.8	685.4
10°	679.7	679.7	675.4	682.5	681.1
12.5°	671.2	672.6	669.8	678.3	676.9
15°	661.2	664.1	662.7	671.2	671.2
17.5°	649.9	652.7	652.7	662.7	662.7
20°	635.7	640.0	642.8	654.2	654.2
22.5°	621.5	627.2	631.5	641.4	645.6
25°	604.5	611.6	618.7	631.5	631.5
27.5°	587.5	596.0	604.5	617.3	618.7
30°	567.6	577.5	588.9	601.7	604.5
32.5°	547.7	560.5	571.9	587.5	591.7
35°	526.4	539.2	554.8	570.4	574.7
37.5°	502.3	517.9	537.8	554.8	559.1
40°	481.0	498.1	517.9	537.8	542.1
42.5°	456.9	475.4	499.5	517.9	525.0
45°	432.8	452.7	478.2	499.5	505.2
47.5°	407.3	430.0	458.3	478.2	485.3
50°	381.7	405.8	435.6	458.3	464.0
52.5°	356.2	381.7	412.9	435.6	442.7
55°	329.2	356.2	388.8	412.9	421.4
57.5°	303.7	330.6	364.7	390.2	398.7
60°	275.3	306.5	340.6	366.1	376.0
62.5°	251.2	279.5	316.4	342.0	350.5
65°	222.8	252.6	290.9	317.9	326.4
67.5°	195.8	227.0	265.4	293.7	302.2
70°	168.9	200.1	241.2	268.2	278.1
72.5°	141.9	174.5	214.3	244.1	254.0
75°	116.4	147.6	190.1	219.9	229.9
77.5°	89.4	123.5	166.0	195.8	207.2
80°	65.3	100.7	143.3	173.1	184.5
82.5°	44.0	79.5	122.0	151.8	163.2
85°	25.5	61.0	103.6	132.0	141.9
87.5°	12.8	46.8	86.6	114.9	124.9
90°	0.0	34.1	72.4	99.3	109.3
92.5°	0.0	32.6	70.9	96.5	106.4
95°	0.0	32.6	69.5	95.1	105.0
97.5°	0.0	31.2	68.1	95.1	103.6
100°	0.0	29.8	68.1	93.7	102.2
102.5°	0.0	28.4	66.7	92.2	100.7
105°	0.0	27.0	65.3	89.4	97.9
107.5°	1.4	27.0	62.4	88.0	96.5
110°	1.4	25.5	59.6	86.6	95.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.1	56.8	83.7	92.2
115°	1.4	24.1	55.3	79.5	89.4
117.5°	1.4	22.7	52.5	76.6	86.6
120°	1.4	22.7	51.1	73.8	82.3
122.5°	1.4	21.3	48.2	70.9	79.5
125°	1.4	19.9	46.8	68.1	76.6
127.5°	1.4	18.4	45.4	65.3	73.8
130°	1.4	17.0	42.6	62.4	69.5
132.5°	1.4	17.0	41.2	58.2	66.7
135°	1.4	15.6	38.3	55.3	62.4
137.5°	1.4	14.2	35.5	52.5	59.6
140°	1.4	12.8	32.6	49.7	55.3
142.5°	1.4	12.8	29.8	45.4	51.1
145°	1.4	11.4	27.0	42.6	46.8
147.5°	1.4	9.9	24.1	38.3	42.6
150°	1.4	9.9	21.3	34.1	38.3
152.5°	1.4	8.5	18.4	31.2	35.5
155°	1.4	7.1	17.0	27.0	31.2
157.5°	1.4	7.1	14.2	22.7	27.0
160°	1.4	5.7	12.8	18.4	22.7
162.5°	1.4	5.7	11.4	15.6	19.9
165°	1.4	4.3	8.5	12.8	15.6
167.5°	1.4	4.3	7.1	9.9	12.8
170°	1.4	2.8	5.7	7.1	9.9
172.5°	1.4	2.8	4.3	4.3	4.3
175°	1.4	1.4	2.8	2.8	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)