

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: P565667

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565667
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-LW-UNV-L835-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

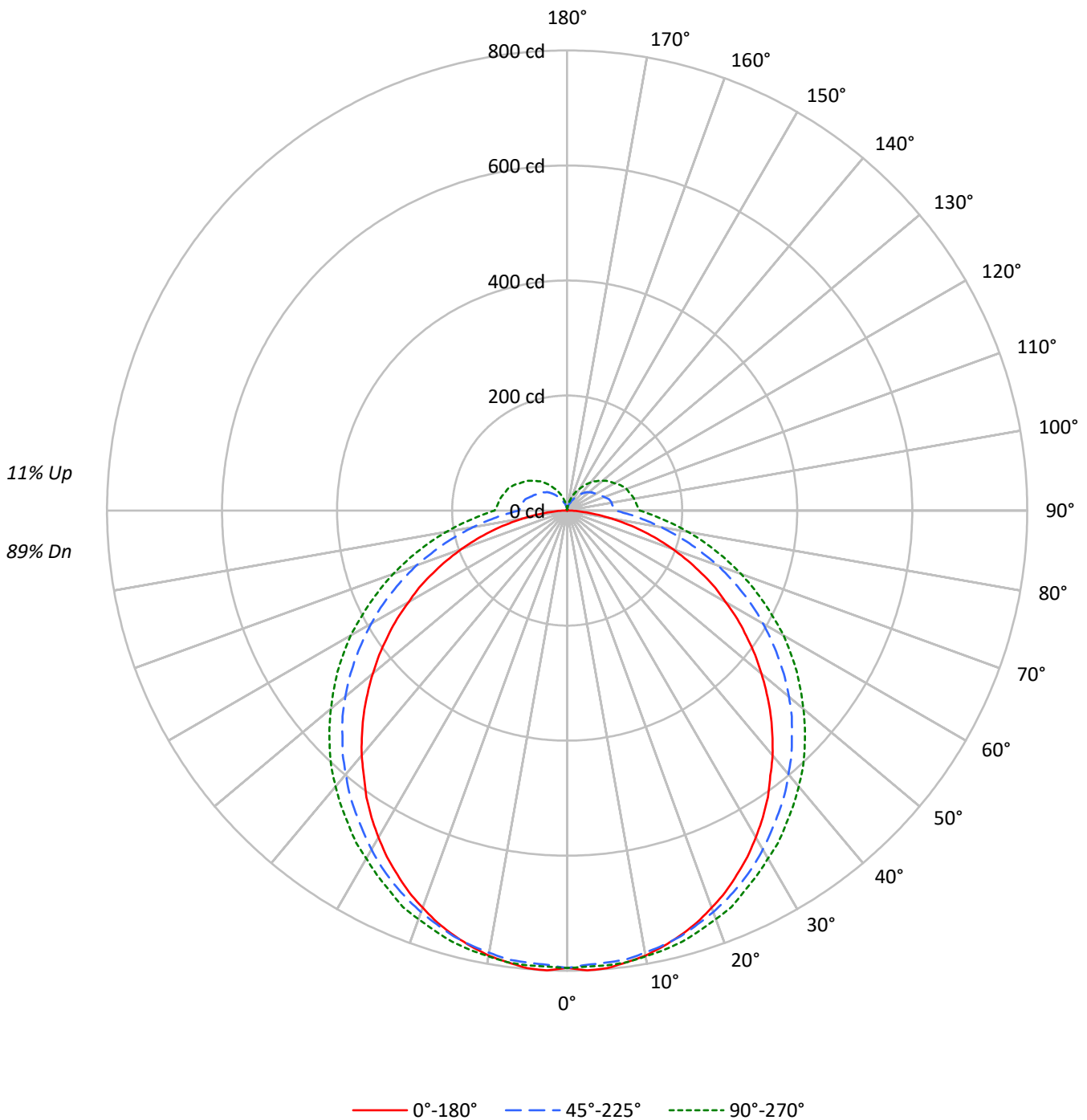
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2831.0 lumens
Efficiency: N/A
Efficacy: 134.8 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: 0.17')
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°	17119	17119	17119
5°	17131	16288	16205
10°	16920	15603	15394
15°	16658	14942	14666
20°	16334	14264	13936
25°	15971	13614	13220
30°	15556	12951	12538
35°	15105	12286	11899
40°	14599	11640	11287
45°	14054	10994	10662
50°	13438	10330	10007
55°	12759	9596	9363
60°	11968	8831	8682
65°	11124	8010	7906
70°	9992	7139	7144
75°	8533	6134	6334
80°	6348	5123	5528
85°	3732	4187	4699



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	2.7
10°-20°	217.1	7.7
20°-30°	330.1	11.7
30°-40°	400.7	14.2
40°-50°	423.5	15.0
50°-60°	396.3	14.0
60°-70°	325.1	11.5
70°-80°	223.6	7.9
80°-90°	122.5	4.3
90°-100°	78.9	2.8
100°-110°	70.8	2.5
110°-120°	58.6	2.1
120°-130°	45.1	1.6
130°-140°	31.7	1.1
140°-150°	19.1	0.7
150°-160°	9.1	0.3
160°-170°	3.0	0.1
170°-180°	0.4	0.0
0°-30°	622.8	22.0
0°-40°	1023.5	36.2
0°-60°	1843.2	65.1
0°-90°	2514.4	88.8
90°-120°	208.2	7.4
90°-150°	304.1	10.7
90°-180°	317.0	11.2
0°-180°	2831.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	795	795	795	795	795	
5°	798	797	789	795	794	76
15°	764	767	766	776	776	215
25°	698	707	715	730	730	322
35°	608	623	641	659	664	380
45°	500	523	553	577	584	385
55°	380	412	449	477	487	340
65°	257	292	336	367	377	255
75°	134	170	220	254	266	142
85°	30	70	120	152	164	34
90°	0	39	84	115	126	2
95°	0	38	80	110	121	0
105°	0	31	75	103	113	1
115°	2	28	64	92	103	2
125°	2	23	54	79	88	1
135°	2	18	44	64	72	1
145°	2	13	31	49	54	1
155°	2	8	20	31	36	1
165°	2	5	10	15	18	0
175°	2	2	3	3	2	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	795.2	795.2	795.2	795.2	795.2
2.5°	800.2	798.5	790.3	796.9	793.6
5°	798.5	796.9	788.7	795.2	793.6
7.5°	792.0	792.0	787.0	793.6	792.0
10°	785.4	785.4	780.5	788.7	787.0
12.5°	775.6	777.2	773.9	783.8	782.1
15°	764.1	767.4	765.7	775.6	775.6
17.5°	751.0	754.2	754.2	765.7	765.7
20°	734.6	739.5	742.8	755.9	755.9
22.5°	718.2	724.7	729.6	741.1	746.0
25°	698.5	706.7	714.9	729.6	729.6
27.5°	678.8	688.7	698.5	713.3	714.9
30°	655.9	667.3	680.5	695.2	698.5
32.5°	632.9	647.7	660.8	678.8	683.7
35°	608.3	623.1	641.1	659.1	664.1
37.5°	580.4	598.5	621.4	641.1	646.0
40°	555.8	575.5	598.5	621.4	626.3
42.5°	528.0	549.3	577.2	598.5	606.7
45°	500.1	523.1	552.6	577.2	583.7
47.5°	470.6	496.8	529.6	552.6	560.8
50°	441.1	468.9	503.4	529.6	536.2
52.5°	411.6	441.1	477.1	503.4	511.6
55°	380.4	411.6	449.3	477.1	487.0
57.5°	350.9	382.0	421.4	450.9	460.7
60°	318.1	354.2	393.5	423.0	434.5
62.5°	290.2	323.0	365.6	395.2	405.0
65°	257.4	291.9	336.1	367.3	377.1
67.5°	226.3	262.3	306.6	339.4	349.2
70°	195.1	231.2	278.7	309.9	321.4
72.5°	164.0	201.7	247.6	282.0	293.5
75°	134.5	170.5	219.7	254.1	265.6
77.5°	103.3	142.7	191.8	226.3	239.4
80°	75.4	116.4	165.6	200.0	213.2
82.5°	50.8	91.8	141.0	175.4	188.6
85°	29.5	70.5	119.7	152.5	164.0
87.5°	14.8	54.1	100.0	132.8	144.3
90°	0.0	39.4	83.6	114.8	126.3
92.5°	0.0	37.7	82.0	111.5	123.0
95°	0.0	37.7	80.3	109.9	121.3
97.5°	0.0	36.1	78.7	109.9	119.7
100°	0.0	34.4	78.7	108.2	118.1
102.5°	0.0	32.8	77.1	106.6	116.4
105°	0.0	31.2	75.4	103.3	113.1
107.5°	1.6	31.2	72.1	101.7	111.5
110°	1.6	29.5	68.9	100.0	109.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.6	27.9	65.6	96.7	106.6
115°	1.6	27.9	63.9	91.8	103.3
117.5°	1.6	26.2	60.7	88.5	100.0
120°	1.6	26.2	59.0	85.3	95.1
122.5°	1.6	24.6	55.7	82.0	91.8
125°	1.6	23.0	54.1	78.7	88.5
127.5°	1.6	21.3	52.5	75.4	85.3
130°	1.6	19.7	49.2	72.1	80.3
132.5°	1.6	19.7	47.6	67.2	77.1
135°	1.6	18.0	44.3	63.9	72.1
137.5°	1.6	16.4	41.0	60.7	68.9
140°	1.6	14.8	37.7	57.4	63.9
142.5°	1.6	14.8	34.4	52.5	59.0
145°	1.6	13.1	31.2	49.2	54.1
147.5°	1.6	11.5	27.9	44.3	49.2
150°	1.6	11.5	24.6	39.4	44.3
152.5°	1.6	9.8	21.3	36.1	41.0
155°	1.6	8.2	19.7	31.2	36.1
157.5°	1.6	8.2	16.4	26.2	31.2
160°	1.6	6.6	14.8	21.3	26.2
162.5°	1.6	6.6	13.1	18.0	23.0
165°	1.6	4.9	9.8	14.8	18.0
167.5°	1.6	4.9	8.2	11.5	14.8
170°	1.6	3.3	6.6	8.2	11.5
172.5°	1.6	3.3	4.9	4.9	4.9
175°	1.6	1.6	3.3	3.3	1.6
177.5°	1.6	1.6	1.6	1.6	1.6
180°	1.6	1.6	1.6	1.6	1.6

(END OF REPORT)