

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: P565679

Luminaire Tested: **2SNX-30SL-SLW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565679
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-L935-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

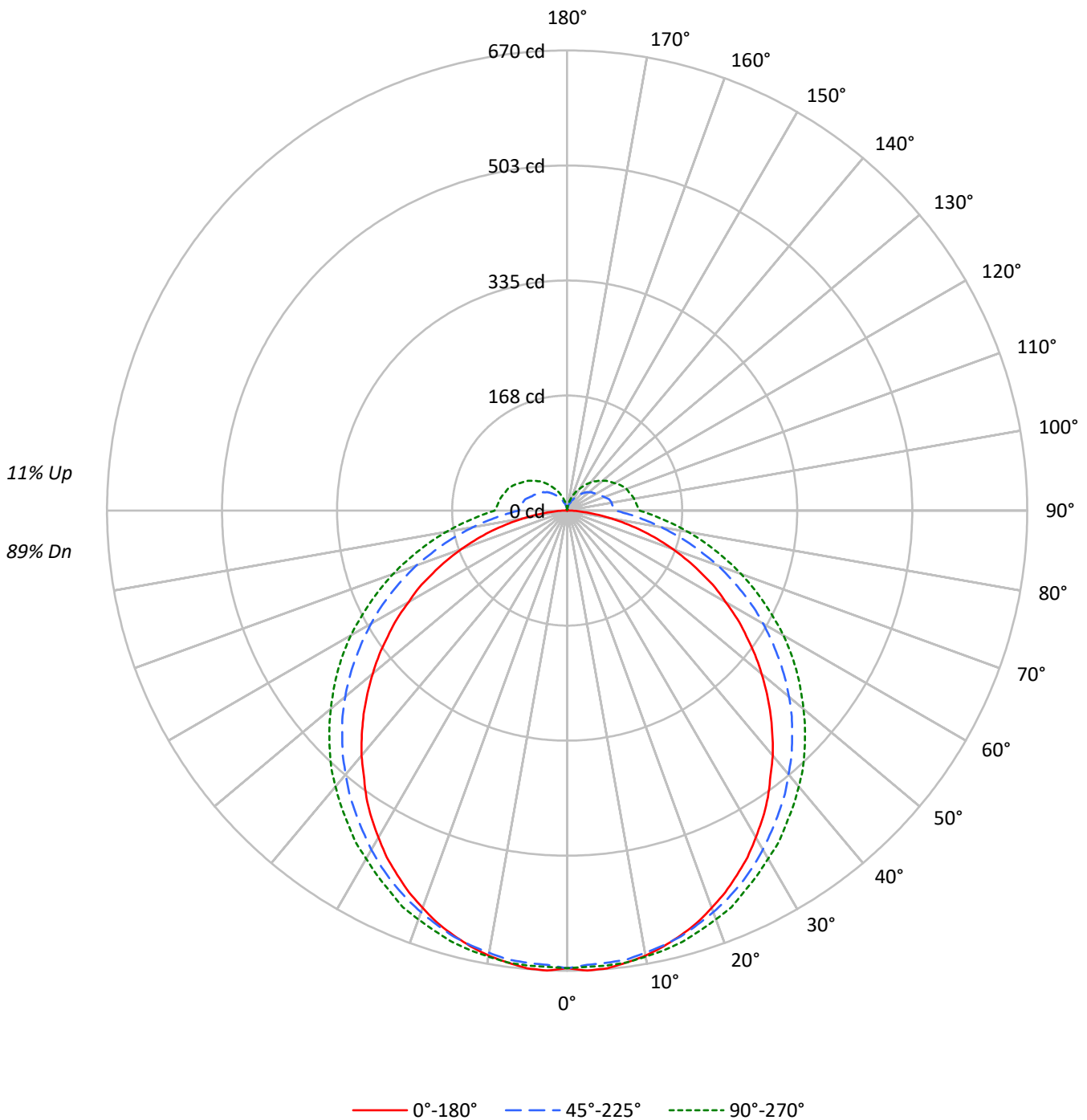
Lumens per Lamp: N/A
Luminaire Lumens: 2372.0 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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

TEST NUMBER: P565679

CATALOG NUMBER: 2SNX-30SL-SLW-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565679

CATALOG NUMBER: 2SNX-30SL-SLW-UNV-L935-CD

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	76	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°	14344	14344	14344
5°	14405	13957	13963
10°	14282	13658	13617
15°	14111	13354	13299
20°	13891	13006	12944
25°	13637	12668	12574
30°	13340	12297	12207
35°	13017	11915	11864
40°	12647	11534	11535
45°	12248	11151	11179
50°	11795	10745	10779
55°	11292	10258	10388
60°	10705	9740	9953
65°	10090	9158	9402
70°	9238	8517	8865
75°	8117	7712	8269
80°	6342	6889	7680
85°	4138	6165	7078



TEST NUMBER: P565679

CATALOG NUMBER: 2SNX-30SL-SLW-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.3	2.7
10°-20°	181.9	7.7
20°-30°	276.6	11.7
30°-40°	335.8	14.2
40°-50°	354.8	15.0
50°-60°	332.0	14.0
60°-70°	272.4	11.5
70°-80°	187.4	7.9
80°-90°	102.6	4.3
90°-100°	66.1	2.8
100°-110°	59.3	2.5
110°-120°	49.1	2.1
120°-130°	37.8	1.6
130°-140°	26.5	1.1
140°-150°	16.0	0.7
150°-160°	7.7	0.3
160°-170°	2.5	0.1
170°-180°	0.3	0.0
0°-30°	521.8	22.0
0°-40°	857.5	36.2
0°-60°	1544.3	65.1
0°-90°	2106.7	88.8
90°-120°	174.5	7.4
90°-150°	254.8	10.7
90°-180°	265.0	11.2
0°-180°	2372.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	666	666	666	666	666	
5°	669	668	661	666	665	63
15°	640	643	642	650	650	181
25°	585	592	599	611	611	270
35°	510	522	537	552	556	318
45°	419	438	463	484	489	323
55°	319	345	376	400	408	285
65°	216	244	282	308	316	214
75°	113	143	184	213	223	119
85°	25	59	100	128	137	29
90°	0	33	70	96	106	2
95°	0	32	67	92	102	0
105°	0	26	63	87	95	1
115°	1	23	54	77	87	1
125°	1	19	45	66	74	1
135°	1	15	37	54	60	1
145°	1	11	26	41	45	1
155°	1	7	16	26	30	1
165°	1	4	8	12	15	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



TEST NUMBER: P565679

CATALOG NUMBER: 2SNX-30SL-SLW-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	666.3	666.3	666.3	666.3	666.3
2.5°	670.4	669.0	662.2	667.7	664.9
5°	669.0	667.7	660.8	666.3	664.9
7.5°	663.6	663.6	659.4	664.9	663.6
10°	658.1	658.1	653.9	660.8	659.4
12.5°	649.8	651.2	648.4	656.7	655.3
15°	640.2	642.9	641.6	649.8	649.8
17.5°	629.2	632.0	632.0	641.6	641.6
20°	615.5	619.6	622.3	633.3	633.3
22.5°	601.7	607.2	611.3	621.0	625.1
25°	585.2	592.1	599.0	611.3	611.3
27.5°	568.8	577.0	585.2	597.6	599.0
30°	549.5	559.1	570.1	582.5	585.2
32.5°	530.3	542.7	553.6	568.8	572.9
35°	509.7	522.0	537.2	552.3	556.4
37.5°	486.3	501.4	520.7	537.2	541.3
40°	465.7	482.2	501.4	520.7	524.8
42.5°	442.4	460.2	483.6	501.4	508.3
45°	419.0	438.2	463.0	483.6	489.1
47.5°	394.3	416.3	443.7	463.0	469.8
50°	369.6	392.9	421.8	443.7	449.2
52.5°	344.8	369.6	399.8	421.8	428.6
55°	318.7	344.8	376.4	399.8	408.0
57.5°	294.0	320.1	353.1	377.8	386.0
60°	266.5	296.7	329.7	354.4	364.1
62.5°	243.2	270.6	306.4	331.1	339.3
65°	215.7	244.5	281.6	307.7	316.0
67.5°	189.6	219.8	256.9	284.4	292.6
70°	163.5	193.7	233.5	259.7	269.3
72.5°	137.4	169.0	207.4	236.3	245.9
75°	112.7	142.9	184.1	212.9	222.6
77.5°	86.6	119.5	160.7	189.6	200.6
80°	63.2	97.5	138.8	167.6	178.6
82.5°	42.6	76.9	118.1	147.0	158.0
85°	24.7	59.1	100.3	127.8	137.4
87.5°	12.4	45.3	83.8	111.3	120.9
90°	0.0	33.0	70.1	96.2	105.8
92.5°	0.0	31.6	68.7	93.4	103.0
95°	0.0	31.6	67.3	92.0	101.7
97.5°	0.0	30.2	65.9	92.0	100.3
100°	0.0	28.9	65.9	90.7	98.9
102.5°	0.0	27.5	64.6	89.3	97.5
105°	0.0	26.1	63.2	86.6	94.8
107.5°	1.4	26.1	60.4	85.2	93.4
110°	1.4	24.7	57.7	83.8	92.0



TEST NUMBER: P565679

CATALOG NUMBER: 2SNX-30SL-SLW-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	23.4	55.0	81.1	89.3
115°	1.4	23.4	53.6	76.9	86.6
117.5°	1.4	22.0	50.8	74.2	83.8
120°	1.4	22.0	49.5	71.4	79.7
122.5°	1.4	20.6	46.7	68.7	76.9
125°	1.4	19.2	45.3	65.9	74.2
127.5°	1.4	17.9	44.0	63.2	71.4
130°	1.4	16.5	41.2	60.4	67.3
132.5°	1.4	16.5	39.8	56.3	64.6
135°	1.4	15.1	37.1	53.6	60.4
137.5°	1.4	13.7	34.3	50.8	57.7
140°	1.4	12.4	31.6	48.1	53.6
142.5°	1.4	12.4	28.9	44.0	49.5
145°	1.4	11.0	26.1	41.2	45.3
147.5°	1.4	9.6	23.4	37.1	41.2
150°	1.4	9.6	20.6	33.0	37.1
152.5°	1.4	8.2	17.9	30.2	34.3
155°	1.4	6.9	16.5	26.1	30.2
157.5°	1.4	6.9	13.7	22.0	26.1
160°	1.4	5.5	12.4	17.9	22.0
162.5°	1.4	5.5	11.0	15.1	19.2
165°	1.4	4.1	8.2	12.4	15.1
167.5°	1.4	4.1	6.9	9.6	12.4
170°	1.4	2.7	5.5	6.9	9.6
172.5°	1.4	2.7	4.1	4.1	4.1
175°	1.4	1.4	2.7	2.7	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)