

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: P565678

Luminaire Tested: **2SNX-30SL-SLW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565678
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-L930-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

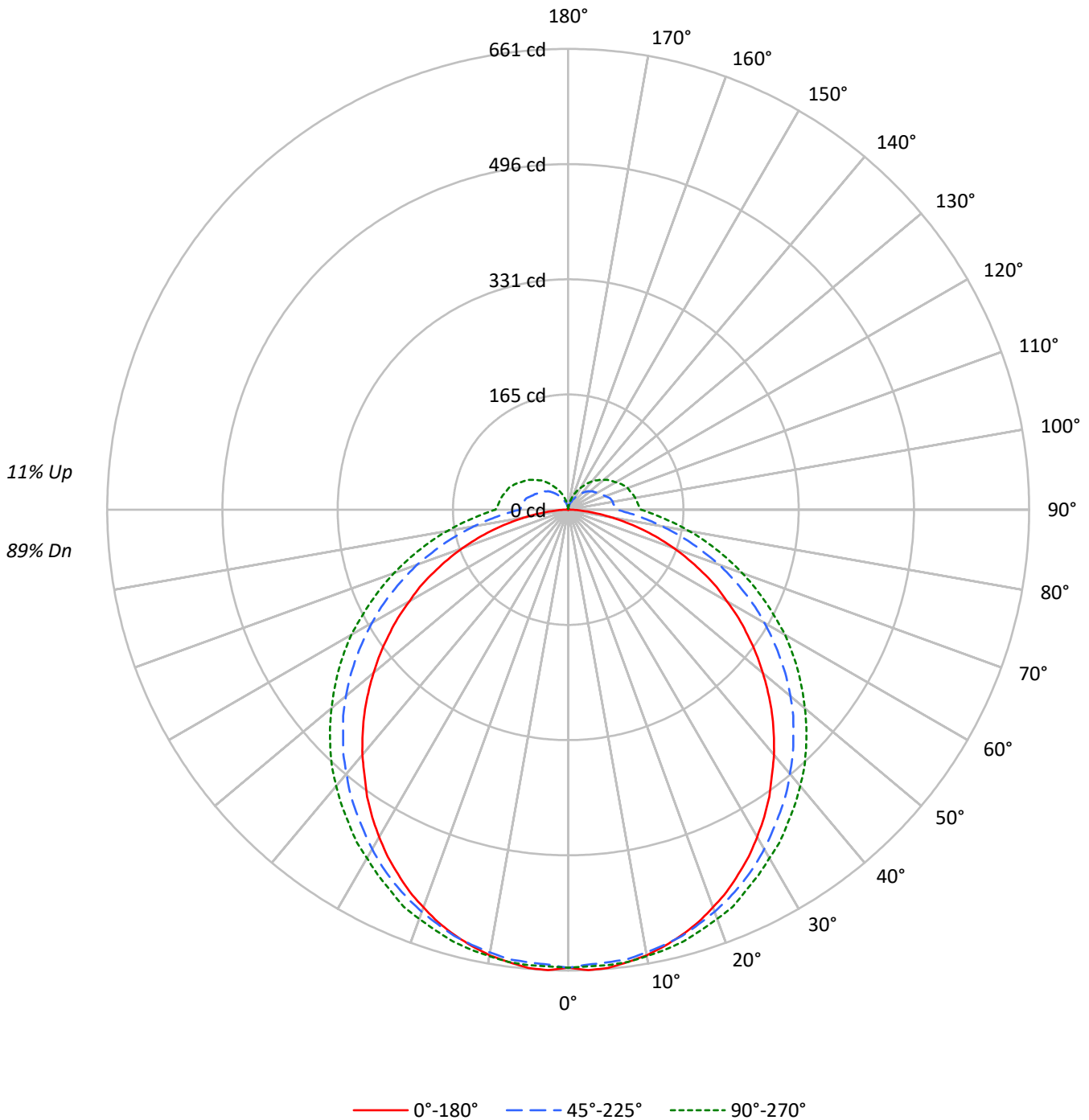
Lumens per Lamp: N/A
Luminaire Lumens: 2339.0 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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	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°	14144	14144	14144
5°	14205	13763	13770
10°	14082	13468	13429
15°	13915	13167	13115
20°	13697	12827	12765
25°	13448	12493	12399
30°	13155	12126	12038
35°	12836	11748	11700
40°	12470	11376	11374
45°	12079	10994	11024
50°	11629	10594	10631
55°	11136	10116	10243
60°	10556	9604	9814
65°	9949	9031	9272
70°	9108	8400	8740
75°	8002	7603	8154
80°	6252	6790	7573
85°	4088	6079	6980



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.4	2.7
10°-20°	179.4	7.7
20°-30°	272.7	11.7
30°-40°	331.1	14.2
40°-50°	349.9	15.0
50°-60°	327.4	14.0
60°-70°	268.6	11.5
70°-80°	184.8	7.9
80°-90°	101.2	4.3
90°-100°	65.2	2.8
100°-110°	58.5	2.5
110°-120°	48.4	2.1
120°-130°	37.3	1.6
130°-140°	26.2	1.1
140°-150°	15.8	0.7
150°-160°	7.6	0.3
160°-170°	2.5	0.1
170°-180°	0.3	0.0
0°-30°	514.5	22.0
0°-40°	845.6	36.2
0°-60°	1522.9	65.1
0°-90°	2077.4	88.8
90°-120°	172.0	7.4
90°-150°	251.3	10.7
90°-180°	262.0	11.2
0°-180°	2339.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	657	657	657	657	657	
5°	660	658	652	657	656	63
15°	631	634	633	641	641	178
25°	577	584	591	603	603	266
35°	503	515	530	545	549	314
45°	413	432	456	477	482	318
55°	314	340	371	394	402	281
65°	213	241	278	304	312	211
75°	111	141	182	210	220	117
85°	24	58	99	126	136	28
90°	0	32	69	95	104	2
95°	0	31	66	91	100	0
105°	0	26	62	85	94	1
115°	1	23	53	76	85	1
125°	1	19	45	65	73	1
135°	1	15	37	53	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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	657.0	657.0	657.0	657.0	657.0
2.5°	661.1	659.7	653.0	658.4	655.7
5°	659.7	658.4	651.6	657.0	655.7
7.5°	654.3	654.3	650.3	655.7	654.3
10°	648.9	648.9	644.8	651.6	650.3
12.5°	640.8	642.1	639.4	647.5	646.2
15°	631.3	634.0	632.6	640.8	640.8
17.5°	620.5	623.2	623.2	632.6	632.6
20°	606.9	611.0	613.7	624.5	624.5
22.5°	593.4	598.8	602.8	612.3	616.4
25°	577.1	583.9	590.7	602.8	602.8
27.5°	560.8	569.0	577.1	589.3	590.7
30°	541.9	551.4	562.2	574.4	577.1
32.5°	522.9	535.1	545.9	560.8	564.9
35°	502.6	514.8	529.7	544.6	548.7
37.5°	479.6	494.5	513.4	529.7	533.8
40°	459.2	475.5	494.5	513.4	517.5
42.5°	436.2	453.8	476.9	494.5	501.2
45°	413.2	432.2	456.5	476.9	482.3
47.5°	388.8	410.5	437.6	456.5	463.3
50°	364.4	387.4	415.9	437.6	443.0
52.5°	340.0	364.4	394.2	415.9	422.7
55°	314.3	340.0	371.2	394.2	402.3
57.5°	289.9	315.6	348.2	372.5	380.7
60°	262.8	292.6	325.1	349.5	359.0
62.5°	239.8	266.9	302.1	326.5	334.6
65°	212.7	241.1	277.7	303.5	311.6
67.5°	186.9	216.8	253.3	280.4	288.6
70°	161.2	191.0	230.3	256.0	265.5
72.5°	135.5	166.6	204.6	233.0	242.5
75°	111.1	140.9	181.5	210.0	219.5
77.5°	85.3	117.9	158.5	186.9	197.8
80°	62.3	96.2	136.8	165.3	176.1
82.5°	42.0	75.9	116.5	145.0	155.8
85°	24.4	58.3	98.9	126.0	135.5
87.5°	12.2	44.7	82.6	109.7	119.2
90°	0.0	32.5	69.1	94.8	104.3
92.5°	0.0	31.2	67.7	92.1	101.6
95°	0.0	31.2	66.4	90.8	100.2
97.5°	0.0	29.8	65.0	90.8	98.9
100°	0.0	28.4	65.0	89.4	97.5
102.5°	0.0	27.1	63.7	88.1	96.2
105°	0.0	25.7	62.3	85.3	93.5
107.5°	1.4	25.7	59.6	84.0	92.1
110°	1.4	24.4	56.9	82.6	90.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	23.0	54.2	79.9	88.1
115°	1.4	23.0	52.8	75.9	85.3
117.5°	1.4	21.7	50.1	73.2	82.6
120°	1.4	21.7	48.8	70.4	78.6
122.5°	1.4	20.3	46.1	67.7	75.9
125°	1.4	19.0	44.7	65.0	73.2
127.5°	1.4	17.6	43.4	62.3	70.4
130°	1.4	16.3	40.6	59.6	66.4
132.5°	1.4	16.3	39.3	55.5	63.7
135°	1.4	14.9	36.6	52.8	59.6
137.5°	1.4	13.5	33.9	50.1	56.9
140°	1.4	12.2	31.2	47.4	52.8
142.5°	1.4	12.2	28.4	43.4	48.8
145°	1.4	10.8	25.7	40.6	44.7
147.5°	1.4	9.5	23.0	36.6	40.6
150°	1.4	9.5	20.3	32.5	36.6
152.5°	1.4	8.1	17.6	29.8	33.9
155°	1.4	6.8	16.3	25.7	29.8
157.5°	1.4	6.8	13.5	21.7	25.7
160°	1.4	5.4	12.2	17.6	21.7
162.5°	1.4	5.4	10.8	14.9	19.0
165°	1.4	4.1	8.1	12.2	14.9
167.5°	1.4	4.1	6.8	9.5	12.2
170°	1.4	2.7	5.4	6.8	9.5
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)