

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: P565675

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565675
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-L835-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

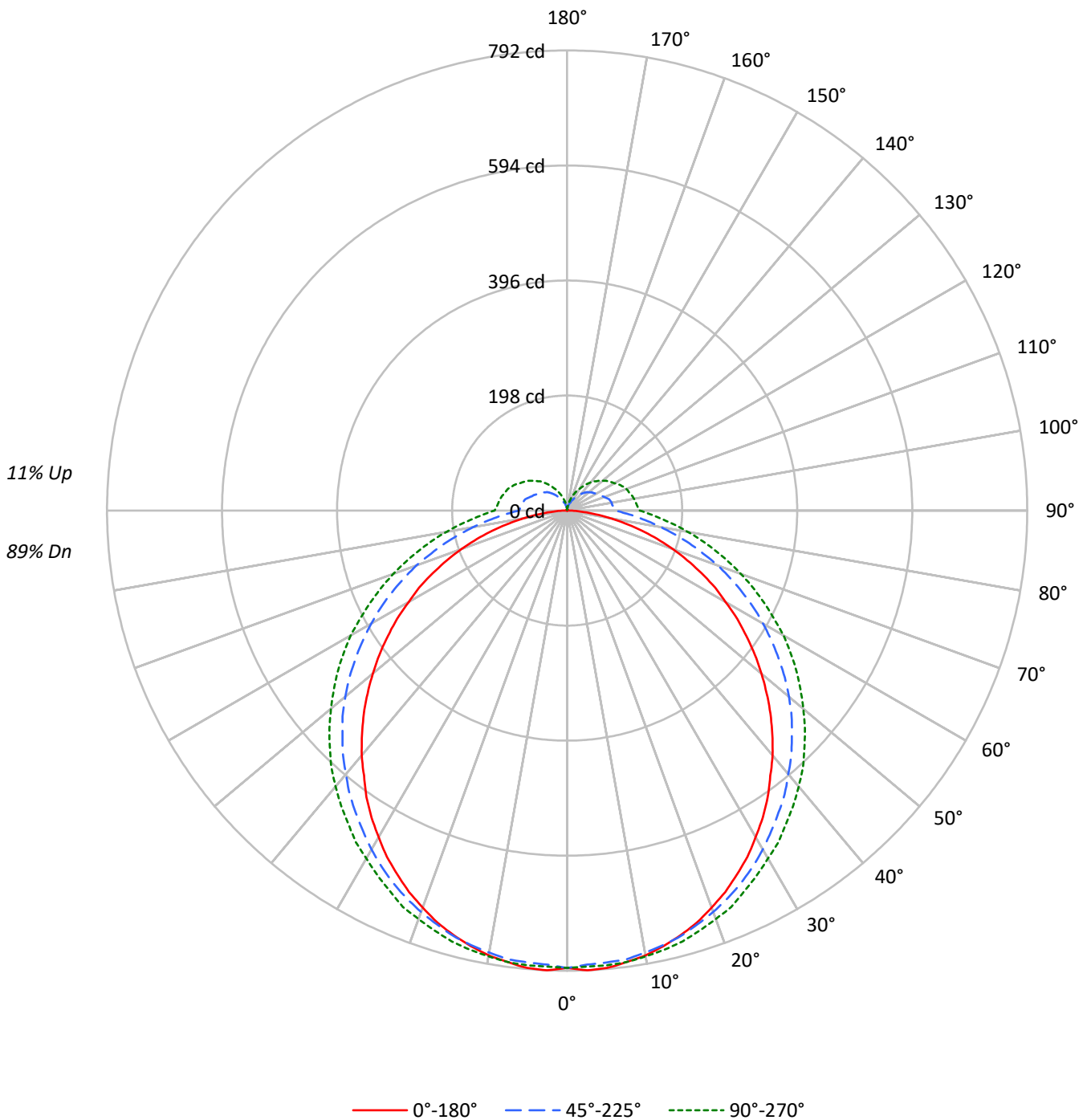
Lumens per Lamp: N/A
Luminaire Lumens: 2802.0 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.08')
CIE Type: Semi-Direct

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°	16945	16945	16945
5°	17017	16488	16496
10°	16870	16135	16087
15°	16670	15775	15710
20°	16407	15366	15291
25°	16109	14965	14855
30°	15758	14527	14420
35°	15377	14073	14016
40°	14942	13626	13625
45°	14470	13172	13204
50°	13933	12691	12735
55°	13340	12120	12272
60°	12645	11507	11757
65°	11919	10820	11107
70°	10910	10064	10471
75°	9586	9111	9766
80°	7496	8135	9074
85°	4892	7283	8361



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.8	2.7
10°-20°	214.9	7.7
20°-30°	326.7	11.7
30°-40°	396.6	14.2
40°-50°	419.1	15.0
50°-60°	392.2	14.0
60°-70°	321.8	11.5
70°-80°	221.3	7.9
80°-90°	121.2	4.3
90°-100°	78.0	2.8
100°-110°	70.0	2.5
110°-120°	58.0	2.1
120°-130°	44.6	1.6
130°-140°	31.4	1.1
140°-150°	18.9	0.7
150°-160°	9.0	0.3
160°-170°	3.0	0.1
170°-180°	0.4	0.0
0°-30°	616.4	22.0
0°-40°	1013.0	36.2
0°-60°	1824.3	65.1
0°-90°	2488.7	88.8
90°-120°	206.1	7.4
90°-150°	301.0	10.7
90°-180°	313.0	11.2
0°-180°	2802.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	787	787	787	787	787	
5°	790	789	781	787	786	75
15°	756	760	758	768	768	213
25°	691	700	708	722	722	319
35°	602	617	634	652	657	376
45°	495	518	547	571	578	382
55°	376	407	445	472	482	337
65°	255	289	333	364	373	252
75°	133	169	218	252	263	140
85°	29	70	118	151	162	34
90°	0	39	83	114	125	2
95°	0	37	80	109	120	0
105°	0	31	75	102	112	1
115°	2	28	63	91	102	2
125°	2	23	54	78	88	1
135°	2	18	44	63	71	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°	787.1	787.1	787.1	787.1	787.1
2.5°	792.0	790.3	782.2	788.7	785.5
5°	790.3	788.7	780.6	787.1	785.5
7.5°	783.8	783.8	779.0	785.5	783.8
10°	777.4	777.4	772.5	780.6	779.0
12.5°	767.6	769.2	766.0	775.7	774.1
15°	756.3	759.5	757.9	767.6	767.6
17.5°	743.3	746.5	746.5	757.9	757.9
20°	727.0	731.9	735.2	748.1	748.1
22.5°	710.8	717.3	722.2	733.5	738.4
25°	691.3	699.5	707.6	722.2	722.2
27.5°	671.9	681.6	691.3	705.9	707.6
30°	649.1	660.5	673.5	688.1	691.3
32.5°	626.4	641.0	654.0	671.9	676.7
35°	602.1	616.7	634.5	652.4	657.3
37.5°	574.5	592.3	615.1	634.5	639.4
40°	550.2	569.6	592.3	615.1	619.9
42.5°	522.6	543.7	571.2	592.3	600.5
45°	495.0	517.7	546.9	571.2	577.7
47.5°	465.8	491.7	524.2	546.9	555.0
50°	436.6	464.1	498.2	524.2	530.7
52.5°	407.3	436.6	472.3	498.2	506.3
55°	376.5	407.3	444.7	472.3	482.0
57.5°	347.3	378.1	417.1	446.3	456.0
60°	314.8	350.5	389.5	418.7	430.1
62.5°	287.2	319.7	361.9	391.1	400.8
65°	254.8	288.9	332.7	363.5	373.3
67.5°	224.0	259.7	303.5	335.9	345.7
70°	193.1	228.8	275.9	306.7	318.1
72.5°	162.3	199.6	245.1	279.1	290.5
75°	133.1	168.8	217.5	251.5	262.9
77.5°	102.2	141.2	189.9	224.0	236.9
80°	74.7	115.2	163.9	198.0	211.0
82.5°	50.3	90.9	139.6	173.6	186.6
85°	29.2	69.8	118.5	150.9	162.3
87.5°	14.6	53.6	99.0	131.5	142.8
90°	0.0	38.9	82.8	113.6	125.0
92.5°	0.0	37.3	81.1	110.4	121.7
95°	0.0	37.3	79.5	108.7	120.1
97.5°	0.0	35.7	77.9	108.7	118.5
100°	0.0	34.1	77.9	107.1	116.8
102.5°	0.0	32.5	76.3	105.5	115.2
105°	0.0	30.8	74.7	102.2	112.0
107.5°	1.6	30.8	71.4	100.6	110.4
110°	1.6	29.2	68.2	99.0	108.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.6	27.6	64.9	95.7	105.5
115°	1.6	27.6	63.3	90.9	102.2
117.5°	1.6	26.0	60.0	87.6	99.0
120°	1.6	26.0	58.4	84.4	94.1
122.5°	1.6	24.3	55.2	81.1	90.9
125°	1.6	22.7	53.6	77.9	87.6
127.5°	1.6	21.1	51.9	74.7	84.4
130°	1.6	19.5	48.7	71.4	79.5
132.5°	1.6	19.5	47.1	66.5	76.3
135°	1.6	17.9	43.8	63.3	71.4
137.5°	1.6	16.2	40.6	60.0	68.2
140°	1.6	14.6	37.3	56.8	63.3
142.5°	1.6	14.6	34.1	51.9	58.4
145°	1.6	13.0	30.8	48.7	53.6
147.5°	1.6	11.4	27.6	43.8	48.7
150°	1.6	11.4	24.3	38.9	43.8
152.5°	1.6	9.7	21.1	35.7	40.6
155°	1.6	8.1	19.5	30.8	35.7
157.5°	1.6	8.1	16.2	26.0	30.8
160°	1.6	6.5	14.6	21.1	26.0
162.5°	1.6	6.5	13.0	17.9	22.7
165°	1.6	4.9	9.7	14.6	17.9
167.5°	1.6	4.9	8.1	11.4	14.6
170°	1.6	3.2	6.5	8.1	11.4
172.5°	1.6	3.2	4.9	4.9	4.9
175°	1.6	1.6	3.2	3.2	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)