

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: P565639

Luminaire Tested: **2SNX-25SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565639
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-25SL-UNV-L935-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

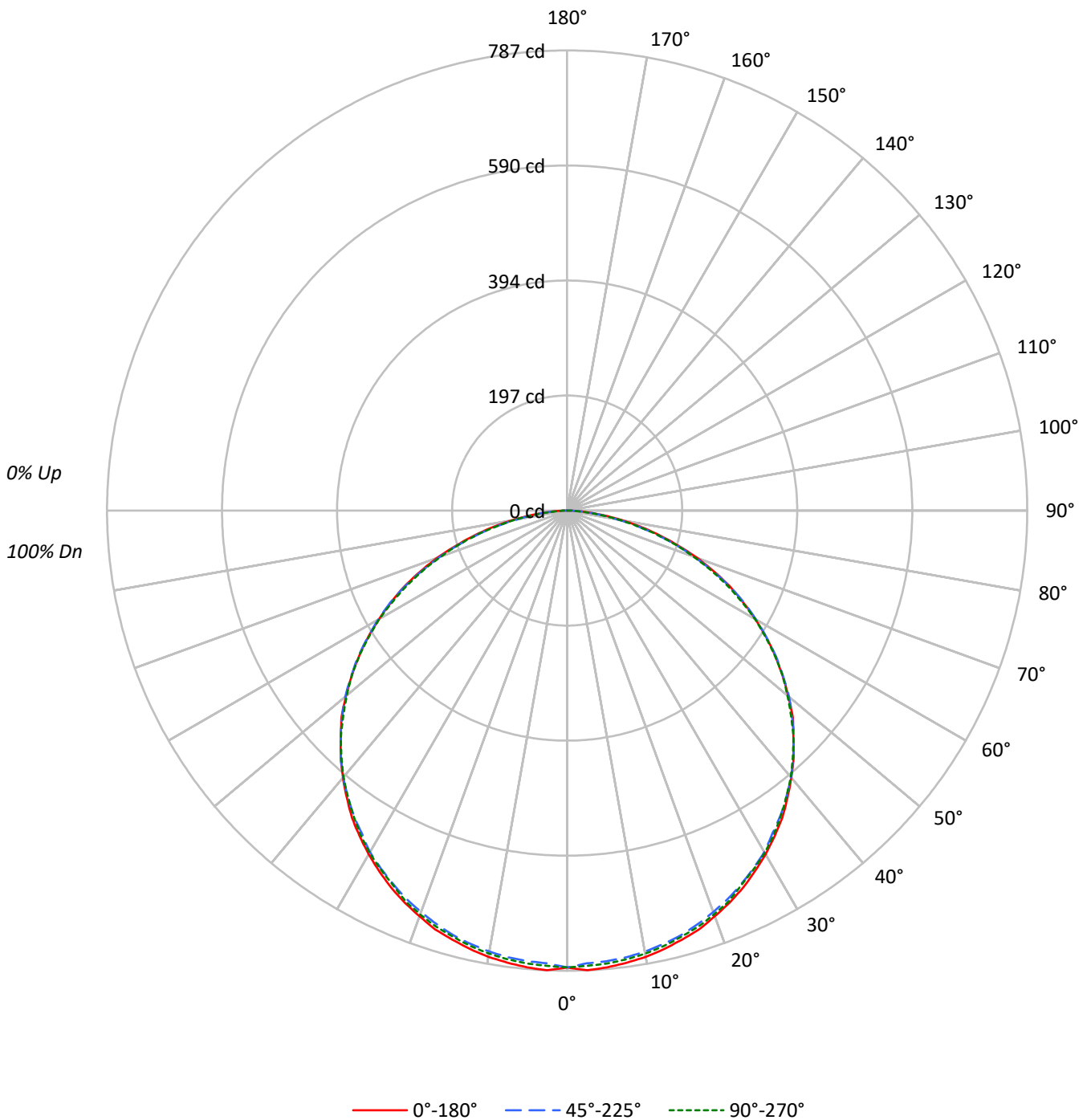
Lumens per Lamp: N/A
Luminaire Lumens: 2336.0 lumens
Efficiency: N/A
Efficacy: 133.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 17.5
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16820	16820	16820
5°	16944	16715	16808
10°	16941	16740	16817
15°	16927	16756	16818
20°	16916	16740	16836
25°	16905	16739	16772
30°	16871	16767	16802
35°	16859	16728	16746
40°	16763	16744	16724
45°	16663	16684	16663
50°	16541	16588	16471
55°	16323	16375	16297
60°	16004	16064	15974
65°	15674	15567	15353
70°	14905	14597	14414
75°	13616	13150	13209
80°	11753	10885	11145
85°	8843	8497	7632



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.1	3.2
10°-20°	213.6	9.1
20°-30°	326.8	14.0
30°-40°	399.5	17.1
40°-50°	422.6	18.1
50°-60°	389.4	16.7
60°-70°	300.1	12.8
70°-80°	168.1	7.2
80°-90°	41.8	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	614.4	26.3
0°-40°	1014.0	43.4
0°-60°	1826.0	78.2
0°-90°	2336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2336.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	781	781	781	781	781	
5°	784	781	774	781	778	75
15°	760	758	752	758	755	215
25°	712	710	705	710	706	328
35°	642	640	636	639	637	401
45°	547	549	548	547	547	423
55°	435	438	436	436	434	388
65°	308	308	306	298	301	303
75°	164	162	158	152	159	174
85°	36	34	34	34	31	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	781.3	781.3	781.3	781.3	781.3
2.5°	786.9	783.4	775.0	782.7	779.2
5°	784.1	781.3	773.5	781.3	777.8
7.5°	779.9	777.8	770.7	777.8	774.2
10°	775.0	772.8	765.8	772.8	769.3
12.5°	767.9	766.5	759.5	766.5	763.0
15°	759.5	758.1	751.8	758.1	754.6
17.5°	751.1	748.3	741.9	749.0	746.1
20°	738.4	737.0	730.7	737.0	734.9
22.5°	725.8	724.4	718.7	724.4	723.0
25°	711.7	710.3	704.7	710.3	706.1
27.5°	695.6	696.3	689.9	693.5	691.3
30°	678.7	678.7	674.5	675.9	675.9
32.5°	660.4	660.4	654.1	658.3	657.6
35°	641.5	640.1	636.5	638.6	637.2
37.5°	619.0	618.3	616.2	617.6	616.2
40°	596.5	597.2	595.8	595.1	595.1
42.5°	573.3	574.7	572.6	571.9	571.2
45°	547.3	549.4	548.0	547.3	547.3
47.5°	523.4	524.1	522.0	521.3	519.2
50°	493.9	496.7	495.3	493.9	491.8
52.5°	464.4	468.6	465.8	464.4	464.4
55°	434.9	438.4	436.3	436.3	434.2
57.5°	404.0	407.5	404.7	404.7	401.9
60°	371.7	375.2	373.1	371.0	371.0
62.5°	339.3	342.2	341.5	337.9	335.8
65°	307.7	307.7	305.6	297.9	301.4
67.5°	271.9	271.2	268.4	260.7	265.6
70°	236.8	236.8	231.9	222.7	229.0
72.5°	198.8	200.9	194.6	188.3	194.6
75°	163.7	161.6	158.1	152.5	158.8
77.5°	130.0	126.5	122.2	119.4	123.0
80°	94.8	92.7	87.8	87.8	89.9
82.5°	64.6	62.5	59.0	59.7	56.9
85°	35.8	33.7	34.4	34.4	30.9
87.5°	14.8	14.8	14.8	13.3	11.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)