

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: P565539

Luminaire Tested: **2SNX-19SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565539
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-19SL-UNV-L835-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

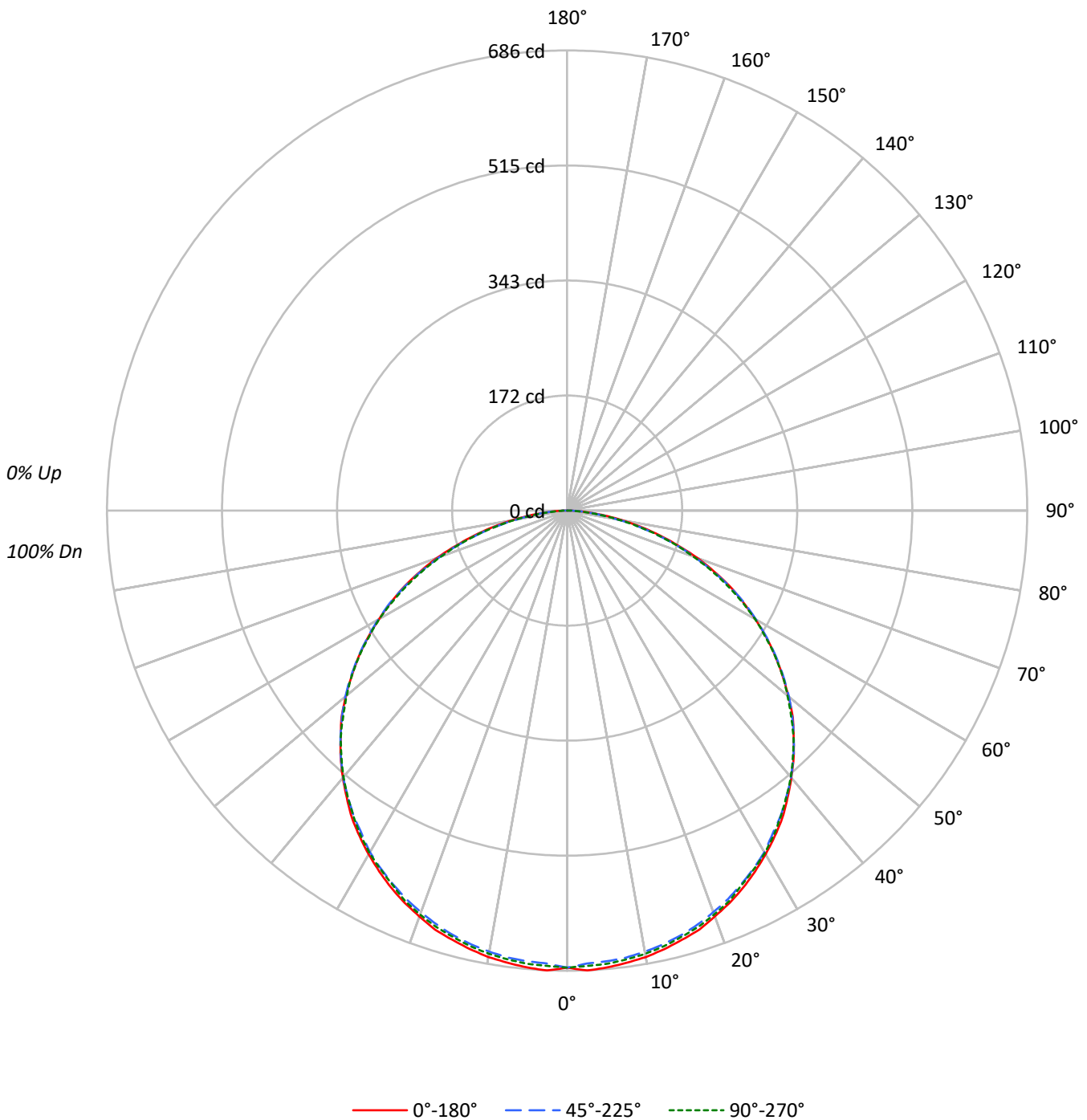
Lumens per Lamp: N/A
Luminaire Lumens: 2037.0 lumens
Efficiency: N/A
Efficacy: 169.8 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 12
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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CATALOG NUMBER: 2SNX-19SL-UNV-L835-CD

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	37	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°	14667	14667	14667
5°	14775	14576	14656
10°	14773	14598	14666
15°	14761	14609	14665
20°	14751	14598	14680
25°	14741	14596	14625
30°	14711	14619	14651
35°	14701	14588	14604
40°	14616	14599	14582
45°	14531	14550	14531
50°	14425	14465	14364
55°	14232	14281	14210
60°	13954	14006	13929
65°	13667	13575	13387
70°	12998	12727	12570
75°	11869	11462	11520
80°	10253	9496	9720
85°	7707	7410	6669



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	3.2
10°-20°	186.2	9.1
20°-30°	284.9	14.0
30°-40°	348.4	17.1
40°-50°	368.5	18.1
50°-60°	339.6	16.7
60°-70°	261.7	12.8
70°-80°	146.6	7.2
80°-90°	36.4	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°	535.8	26.3
0°-40°	884.2	43.4
0°-60°	1592.3	78.2
0°-90°	2037.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2037.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	681	681	681	681	681	
5°	684	681	674	681	678	65
15°	662	661	656	661	658	187
25°	621	619	614	619	616	286
35°	559	558	555	557	556	349
45°	477	479	478	477	477	369
55°	379	382	380	380	379	339
65°	268	268	266	260	263	264
75°	143	141	138	133	138	151
85°	31	29	30	30	27	39
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	681.3	681.3	681.3	681.3	681.3
2.5°	686.2	683.1	675.8	682.5	679.4
5°	683.7	681.3	674.5	681.3	678.2
7.5°	680.0	678.2	672.1	678.2	675.1
10°	675.8	673.9	667.8	673.9	670.9
12.5°	669.6	668.4	662.3	668.4	665.3
15°	662.3	661.1	655.5	661.1	658.0
17.5°	654.9	652.5	647.0	653.1	650.6
20°	643.9	642.7	637.2	642.7	640.8
22.5°	632.9	631.6	626.7	631.6	630.4
25°	620.6	619.4	614.5	619.4	615.7
27.5°	606.5	607.1	601.6	604.7	602.9
30°	591.8	591.8	588.1	589.4	589.4
32.5°	575.9	575.9	570.4	574.1	573.4
35°	559.4	558.1	555.1	556.9	555.7
37.5°	539.7	539.1	537.3	538.5	537.3
40°	520.1	520.8	519.5	518.9	518.9
42.5°	499.9	501.2	499.3	498.7	498.1
45°	477.3	479.1	477.9	477.3	477.3
47.5°	456.4	457.0	455.2	454.6	452.8
50°	430.7	433.1	431.9	430.7	428.9
52.5°	405.0	408.6	406.2	405.0	405.0
55°	379.2	382.3	380.5	380.5	378.6
57.5°	352.3	355.3	352.9	352.9	350.4
60°	324.1	327.2	325.3	323.5	323.5
62.5°	295.9	298.4	297.8	294.7	292.8
65°	268.3	268.3	266.5	259.8	262.8
67.5°	237.1	236.5	234.0	227.3	231.6
70°	206.5	206.5	202.2	194.2	199.7
72.5°	173.4	175.2	169.7	164.2	169.7
75°	142.7	140.9	137.8	132.9	138.5
77.5°	113.3	110.3	106.6	104.2	107.2
80°	82.7	80.9	76.6	76.6	78.4
82.5°	56.4	54.5	51.5	52.1	49.6
85°	31.2	29.4	30.0	30.0	27.0
87.5°	12.9	12.9	12.9	11.6	10.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)