

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: P565545

Luminaire Tested: **2SNX-19SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565545
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-L950-CD
Description: 2FT 1900 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

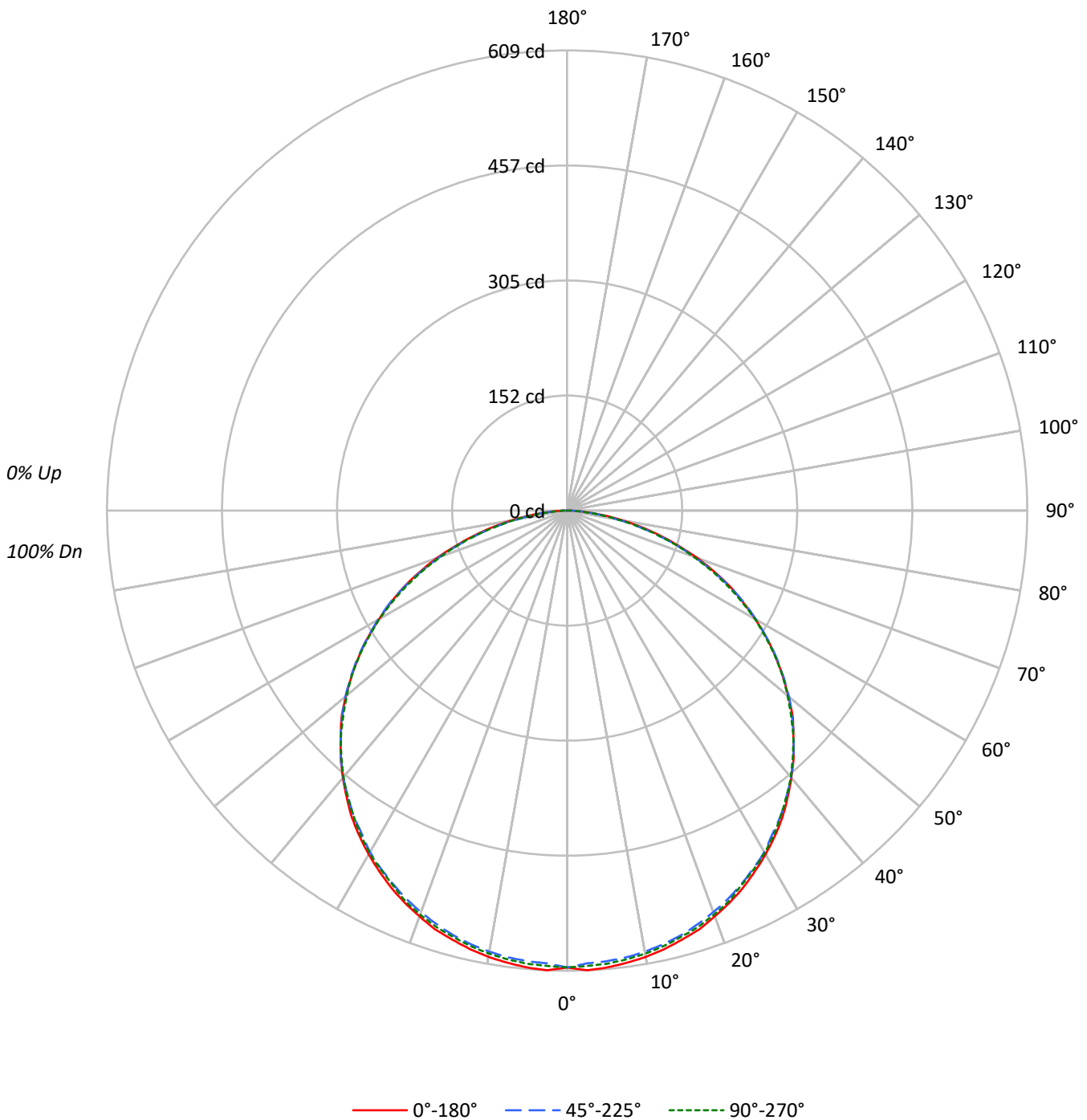
Lumens per Lamp: N/A
Luminaire Lumens: 1808.0 lumens
Efficiency: N/A
Efficacy: 150.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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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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°	13018	13018	13018
5°	13115	12938	13009
10°	13112	12956	13015
15°	13100	12967	13016
20°	13093	12955	13031
25°	13083	12955	12981
30°	13058	12976	13003
35°	13048	12948	12962
40°	12975	12958	12944
45°	12896	12912	12896
50°	12804	12841	12747
55°	12633	12675	12615
60°	12387	12430	12361
65°	12134	12047	11884
70°	11537	11292	11160
75°	10539	10181	10222
80°	9100	8430	8629
85°	6842	6570	5903



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	3.2
10°-20°	165.3	9.1
20°-30°	252.9	14.0
30°-40°	309.2	17.1
40°-50°	327.1	18.1
50°-60°	301.4	16.7
60°-70°	232.2	12.8
70°-80°	130.1	7.2
80°-90°	32.3	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°	475.6	26.3
0°-40°	784.8	43.4
0°-60°	1413.3	78.2
0°-90°	1808.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1808.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	605	605	605	605	605	
5°	607	605	599	605	602	58
15°	588	587	582	587	584	166
25°	551	550	545	550	546	254
35°	496	495	493	494	493	310
45°	424	425	424	424	424	327
55°	337	339	338	338	336	301
65°	238	238	236	231	233	234
75°	127	125	122	118	123	134
85°	28	26	27	27	24	34
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	604.7	604.7	604.7	604.7	604.7
2.5°	609.0	606.3	599.8	605.8	603.1
5°	606.9	604.7	598.7	604.7	602.0
7.5°	603.6	602.0	596.5	602.0	599.2
10°	599.8	598.2	592.7	598.2	595.4
12.5°	594.4	593.3	587.8	593.3	590.5
15°	587.8	586.7	581.8	586.7	584.0
17.5°	581.3	579.1	574.2	579.7	577.5
20°	571.5	570.4	565.5	570.4	568.8
22.5°	561.7	560.6	556.3	560.6	559.6
25°	550.8	549.8	545.4	549.8	546.5
27.5°	538.3	538.9	534.0	536.7	535.1
30°	525.3	525.3	522.0	523.1	523.1
32.5°	511.2	511.2	506.3	509.5	509.0
35°	496.5	495.4	492.7	494.3	493.2
37.5°	479.1	478.5	476.9	478.0	476.9
40°	461.7	462.2	461.1	460.6	460.6
42.5°	443.7	444.8	443.2	442.6	442.1
45°	423.6	425.2	424.1	423.6	423.6
47.5°	405.1	405.7	404.0	403.5	401.9
50°	382.3	384.5	383.4	382.3	380.6
52.5°	359.4	362.7	360.5	359.4	359.4
55°	336.6	339.3	337.7	337.7	336.1
57.5°	312.7	315.4	313.2	313.2	311.0
60°	287.7	290.4	288.7	287.1	287.1
62.5°	262.6	264.8	264.3	261.6	259.9
65°	238.2	238.2	236.5	230.6	233.3
67.5°	210.4	209.9	207.7	201.7	205.5
70°	183.3	183.3	179.4	172.4	177.3
72.5°	153.9	155.5	150.6	145.7	150.6
75°	126.7	125.1	122.4	118.0	122.9
77.5°	100.6	97.9	94.6	92.4	95.2
80°	73.4	71.8	68.0	68.0	69.6
82.5°	50.0	48.4	45.7	46.2	44.0
85°	27.7	26.1	26.6	26.6	23.9
87.5°	11.4	11.4	11.4	10.3	9.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)