

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: P566222

Luminaire Tested: **4SNX-26SL-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566222
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: 4SNX-26SL-UNV-L830-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

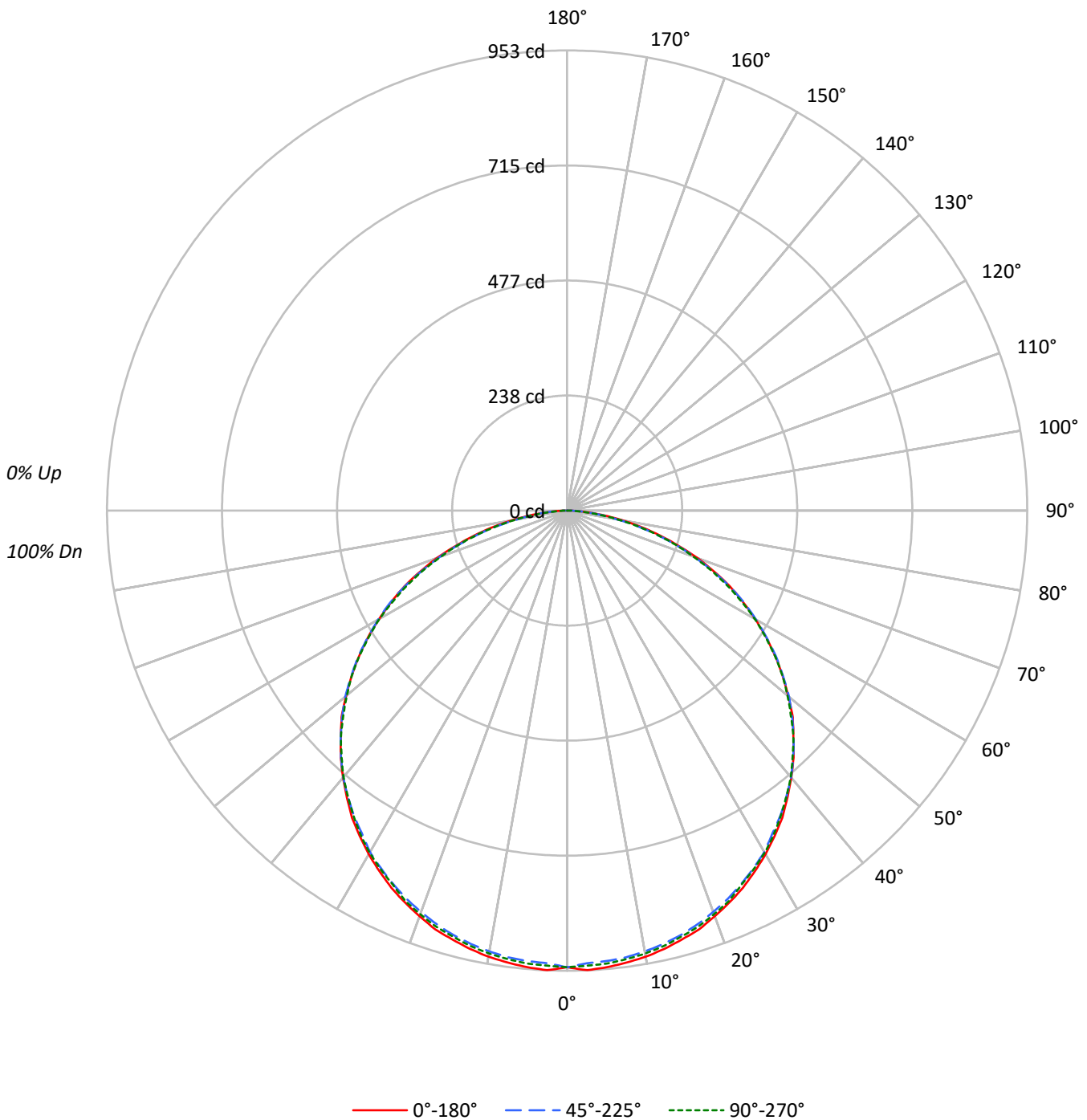
Lumens per Lamp: N/A
Luminaire Lumens: 2828.0 lumens
Efficiency: N/A
Efficacy: 172.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.4
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	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°	10181	10181	10181
5°	10256	10119	10174
10°	10254	10133	10180
15°	10247	10142	10180
20°	10239	10133	10191
25°	10233	10132	10152
30°	10212	10148	10169
35°	10205	10126	10138
40°	10146	10135	10123
45°	10086	10099	10086
50°	10012	10041	9970
55°	9880	9912	9864
60°	9685	9722	9668
65°	9487	9424	9294
70°	9020	8834	8727
75°	8243	7960	7993
80°	7116	6589	6750
85°	5360	5150	4619



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.7	3.2
10°-20°	258.5	9.1
20°-30°	395.6	14.0
30°-40°	483.7	17.1
40°-50°	511.6	18.1
50°-60°	471.4	16.7
60°-70°	363.3	12.8
70°-80°	203.5	7.2
80°-90°	50.6	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°	743.9	26.3
0°-40°	1227.5	43.4
0°-60°	2210.6	78.2
0°-90°	2828.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2828.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	946	946	946	946	946	
5°	949	946	936	946	942	90
15°	920	918	910	918	914	260
25°	862	860	853	860	855	397
35°	777	775	771	773	772	485
45°	663	665	663	663	663	512
55°	526	531	528	528	526	470
65°	372	372	370	361	365	366
75°	198	196	191	185	192	210
85°	43	41	42	42	37	54
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	945.8	945.8	945.8	945.8	945.8
2.5°	952.6	948.4	938.2	947.5	943.3
5°	949.2	945.8	936.5	945.8	941.6
7.5°	944.1	941.6	933.1	941.6	937.3
10°	938.2	935.6	927.1	935.6	931.4
12.5°	929.7	928.0	919.5	928.0	923.7
15°	919.5	917.8	910.1	917.8	913.5
17.5°	909.2	905.8	898.2	906.7	903.3
20°	893.9	892.2	884.6	892.2	889.7
22.5°	878.6	876.9	870.1	876.9	875.2
25°	861.6	859.9	853.1	859.9	854.8
27.5°	842.1	842.9	835.2	839.5	837.0
30°	821.6	821.6	816.5	818.2	818.2
32.5°	799.5	799.5	791.9	797.0	796.1
35°	776.6	774.9	770.6	773.2	771.5
37.5°	749.3	748.5	745.9	747.6	745.9
40°	722.1	723.0	721.3	720.4	720.4
42.5°	694.1	695.8	693.2	692.4	691.5
45°	662.6	665.1	663.4	662.6	662.6
47.5°	633.7	634.5	632.0	631.1	628.6
50°	597.9	601.3	599.6	597.9	595.4
52.5°	562.2	567.3	563.9	562.2	562.2
55°	526.5	530.7	528.2	528.2	525.6
57.5°	489.1	493.3	489.9	489.9	486.5
60°	449.9	454.2	451.6	449.1	449.1
62.5°	410.8	414.2	413.4	409.1	406.6
65°	372.5	372.5	370.0	360.6	364.9
67.5°	329.2	328.3	324.9	315.6	321.5
70°	286.6	286.6	280.7	269.6	277.3
72.5°	240.7	243.3	235.6	228.0	235.6
75°	198.2	195.6	191.4	184.6	192.2
77.5°	157.4	153.1	148.0	144.6	148.8
80°	114.8	112.3	106.3	106.3	108.9
82.5°	78.3	75.7	71.4	72.3	68.9
85°	43.4	40.8	41.7	41.7	37.4
87.5°	17.9	17.9	17.9	16.2	14.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)