

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: P566223

Luminaire Tested: **4SNX-26SL-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566223  
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-L835-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

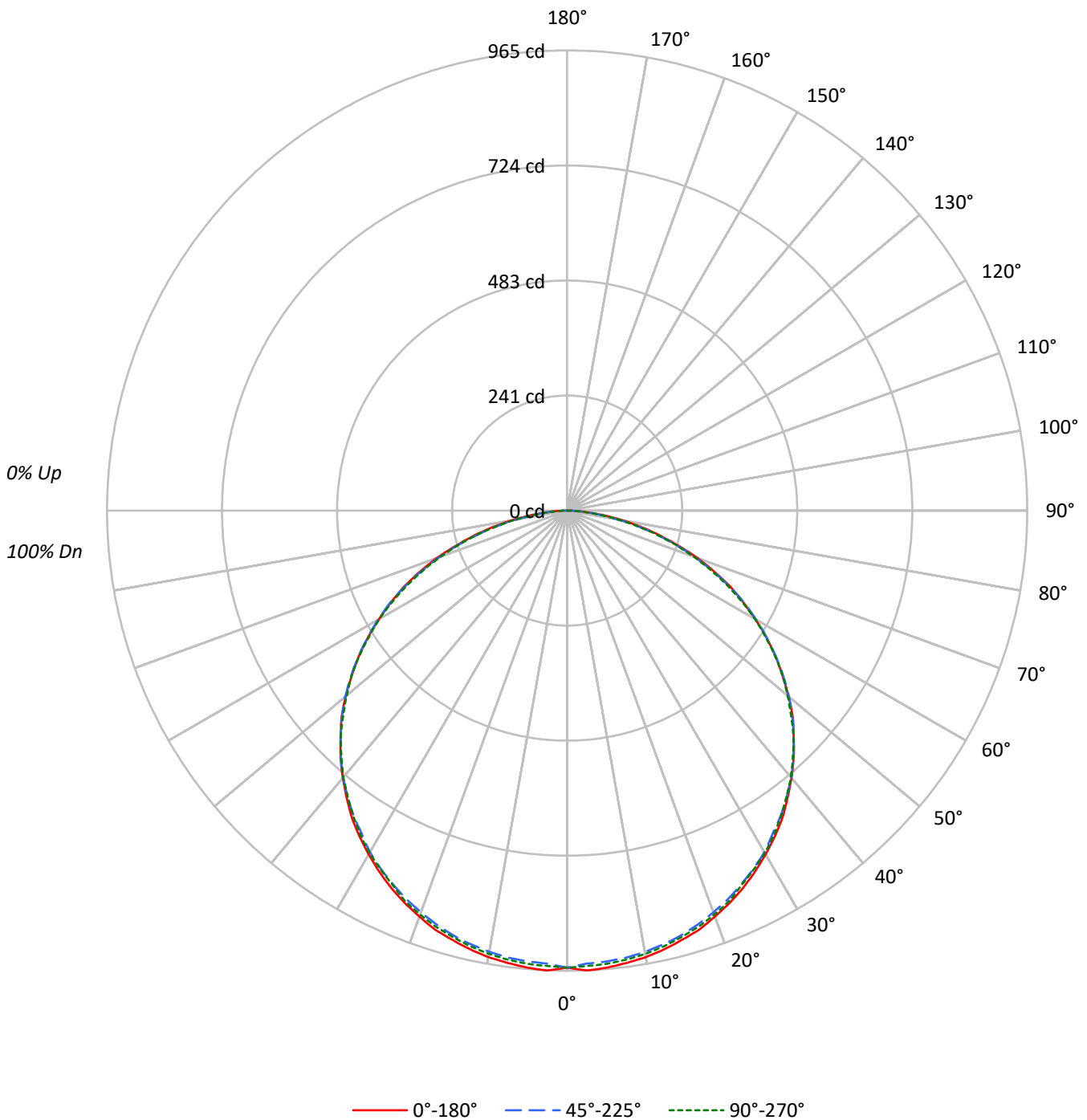
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2866.0 lumens  
Efficiency: N/A  
Efficacy: 174.8 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

TEST NUMBER: P566223

CATALOG NUMBER: 4SNX-26SL-UNV-L835-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P566223

CATALOG NUMBER: 4SNX-26SL-UNV-L835-CD

**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°	10317	10317	10317
5°	10394	10254	10310
10°	10392	10270	10317
15°	10384	10278	10317
20°	10378	10269	10328
25°	10371	10269	10289
30°	10350	10285	10306
35°	10341	10263	10273
40°	10283	10271	10259
45°	10222	10236	10222
50°	10148	10176	10104
55°	10014	10046	9997
60°	9817	9853	9797
65°	9617	9551	9419
70°	9142	8954	8844
75°	8351	8064	8101
80°	7215	6676	6837
85°	5434	5212	4681



TEST NUMBER: P566223

CATALOG NUMBER: 4SNX-26SL-UNV-L835-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.9	3.2
10°-20°	262.0	9.1
20°-30°	400.9	14.0
30°-40°	490.2	17.1
40°-50°	518.5	18.1
50°-60°	477.8	16.7
60°-70°	368.2	12.8
70°-80°	206.3	7.2
80°-90°	51.3	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°	753.9	26.3
0°-40°	1244.0	43.4
0°-60°	2240.3	78.2
0°-90°	2866.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2866.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	958	958	958	958	958	
5°	962	958	949	958	954	91
15°	932	930	922	930	926	263
25°	873	872	865	872	866	402
35°	787	785	781	784	782	492
45°	672	674	672	672	672	519
55°	534	538	535	535	533	476
65°	378	378	375	366	370	371
75°	201	198	194	187	195	213
85°	44	41	42	42	38	54
90°	0	0	0	0	0	



TEST NUMBER: P566223

CATALOG NUMBER: 4SNX-26SL-UNV-L835-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	958.5	958.5	958.5	958.5	958.5
2.5°	965.4	961.1	950.8	960.3	955.9
5°	962.0	958.5	949.0	958.5	954.2
7.5°	956.8	954.2	945.6	954.2	949.9
10°	950.8	948.2	939.6	948.2	943.9
12.5°	942.2	940.4	931.8	940.4	936.1
15°	931.8	930.1	922.3	930.1	925.8
17.5°	921.5	918.0	910.3	918.9	915.4
20°	906.0	904.2	896.5	904.2	901.6
22.5°	890.4	888.7	881.8	888.7	887.0
25°	873.2	871.5	864.6	871.5	866.3
27.5°	853.4	854.2	846.5	850.8	848.2
30°	832.7	832.7	827.5	829.2	829.2
32.5°	810.3	810.3	802.5	807.7	806.8
35°	787.0	785.3	781.0	783.5	781.8
37.5°	759.4	758.6	756.0	757.7	756.0
40°	731.8	732.7	731.0	730.1	730.1
42.5°	703.4	705.1	702.5	701.7	700.8
45°	671.5	674.1	672.4	671.5	671.5
47.5°	642.2	643.0	640.5	639.6	637.0
50°	606.0	609.4	607.7	606.0	603.4
52.5°	569.8	574.9	571.5	569.8	569.8
55°	533.6	537.9	535.3	535.3	532.7
57.5°	495.6	500.0	496.5	496.5	493.1
60°	456.0	460.3	457.7	455.1	455.1
62.5°	416.3	419.8	418.9	414.6	412.0
65°	377.6	377.6	375.0	365.5	369.8
67.5°	333.6	332.7	329.3	319.8	325.8
70°	290.5	290.5	284.5	273.3	281.0
72.5°	243.9	246.5	238.8	231.0	238.8
75°	200.8	198.3	193.9	187.1	194.8
77.5°	159.5	155.2	150.0	146.5	150.8
80°	116.4	113.8	107.7	107.7	110.3
82.5°	79.3	76.7	72.4	73.3	69.8
85°	44.0	41.4	42.2	42.2	37.9
87.5°	18.1	18.1	18.1	16.4	14.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)