

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: P566204

Luminaire Tested: **4SNX-26SL-LN-UNV-L940-CD**

Issue Date: 9/15/2022



**Test Information**

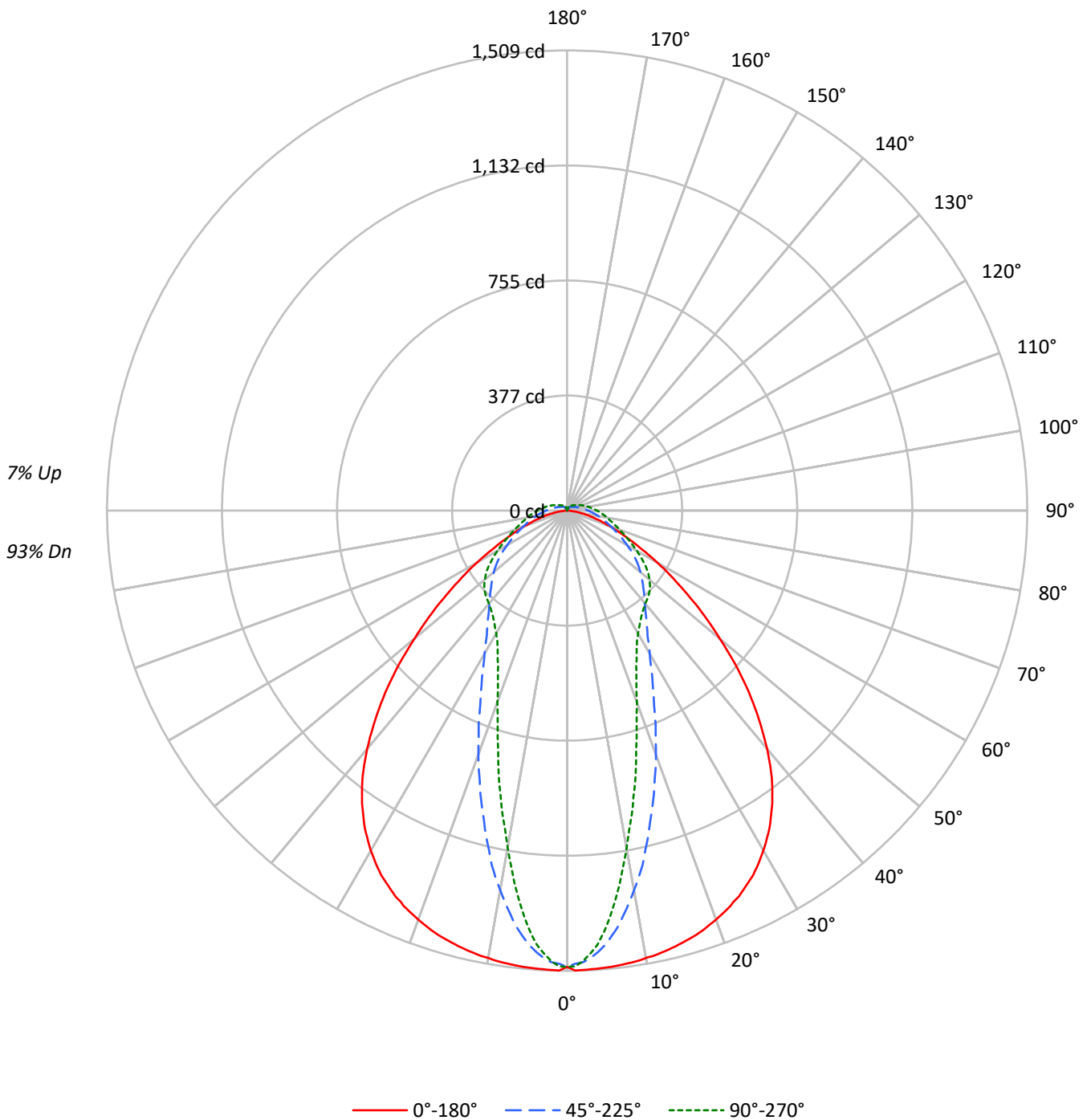
Test Method: LM-79-08  
Report Number: P566204  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-26SL-LN-UNV-L940-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2384.8 lumens  
Efficiency: N/A  
Efficacy: 145.4 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')  
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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58
4	84	73	64	58	81	71	63	57	68	61	56	64	59	54	62	57	53	51
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	16105	16105	16105
5°	16189	14801	14165
10°	16166	12691	10990
15°	16158	10353	8237
20°	16106	8247	6164
25°	15960	6462	4892
30°	15625	5230	4173
35°	14969	4426	3796
40°	13848	3908	3593
45°	12312	3575	3482
50°	10429	3290	3289
55°	8567	2981	3004
60°	6851	2622	2635
65°	5319	2302	2293
70°	4129	2036	2028
75°	3192	1829	1848
80°	2256	1674	1718
85°	1255	1561	1648



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	132.5	5.6
10°-20°	310.6	13.0
20°-30°	368.7	15.5
30°-40°	370.9	15.6
40°-50°	344.8	14.5
50°-60°	283.9	11.9
60°-70°	200.0	8.4
70°-80°	130.7	5.5
80°-90°	83.4	3.5
90°-100°	54.7	2.3
100°-110°	37.1	1.6
110°-120°	25.4	1.1
120°-130°	17.6	0.7
130°-140°	11.8	0.5
140°-150°	7.3	0.3
150°-160°	3.8	0.2
160°-170°	1.4	0.1
170°-180°	0.2	0.0
0°-30°	811.7	34.0
0°-40°	1182.6	49.6
0°-60°	1811.3	76.0
0°-90°	2225.4	93.3
90°-120°	117.3	4.9
90°-150°	154.0	6.5
90°-180°	159.0	6.7
0°-180°	2384.8	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1496	1496	1496	1496	1496	
5°	1504	1484	1430	1402	1387	143
15°	1466	1310	1054	921	871	414
25°	1370	1012	671	564	540	630
35°	1172	685	455	426	424	729
45°	842	451	352	371	381	647
55°	484	296	272	302	312	437
65°	228	179	188	211	219	231
75°	89	92	126	149	155	96
85°	15	42	85	110	115	19
90°	0	29	69	94	98	1
95°	0	21	58	79	82	0
105°	0	15	39	55	60	0
115°	1	12	28	40	42	1
125°	1	10	22	29	31	1
135°	1	9	18	22	24	1
145°	1	6	12	18	19	1
155°	1	5	9	12	14	1
165°	1	2	5	6	8	0
175°	2	2	2	2	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1496.2	1496.2	1496.2	1496.2	1496.2
1°	1508.7	1502.4	1486.2	1497.4	1494.9
2°	1507.4	1501.2	1482.4	1487.4	1478.7
3°	1506.2	1497.4	1468.7	1467.4	1454.9
4°	1504.9	1491.2	1451.2	1436.2	1426.2
5°	1503.7	1483.7	1429.9	1402.4	1387.4
6°	1502.4	1474.9	1402.4	1361.2	1339.9
7°	1499.9	1461.2	1373.7	1317.4	1289.9
8°	1497.4	1448.7	1337.4	1269.9	1236.2
9°	1494.9	1432.4	1301.2	1218.7	1178.7
10°	1489.9	1416.2	1263.7	1166.2	1123.7
11°	1487.4	1397.4	1227.4	1116.2	1066.2
12°	1482.4	1377.4	1188.7	1063.7	1020.0
13°	1477.4	1356.2	1141.2	1018.7	966.2
14°	1472.4	1333.7	1099.9	968.7	920.0
15°	1466.2	1309.9	1053.7	921.2	871.2
16°	1459.9	1282.4	1012.5	872.5	820.0
17°	1453.7	1256.2	973.7	827.5	780.0
18°	1446.2	1229.9	928.7	783.7	737.5
19°	1436.2	1199.9	892.5	743.7	701.2
20°	1427.4	1172.4	851.2	706.2	668.7
21°	1417.4	1138.7	810.0	671.2	633.7
22.5°	1402.4	1091.2	757.5	627.5	592.5
23°	1394.9	1077.5	736.2	611.2	581.2
24°	1384.9	1041.2	701.2	586.2	556.2
25°	1369.9	1012.5	671.2	563.7	540.0
26°	1356.2	977.5	641.2	543.7	520.0
27°	1342.4	943.7	615.0	522.5	502.5
28°	1324.9	908.7	586.2	505.0	487.5
29°	1306.2	876.2	562.5	490.0	476.2
30°	1287.4	840.0	542.5	476.2	465.0
32.5°	1234.9	760.0	491.2	450.0	442.5
35°	1172.4	685.0	455.0	426.2	423.7
37.5°	1102.4	616.2	422.5	407.5	410.0
40°	1020.0	553.7	395.0	393.7	398.7
42.5°	932.5	500.0	373.7	382.5	390.0
45°	842.5	451.2	352.5	371.2	381.2
47.5°	748.7	408.7	333.7	357.5	368.7
50°	653.7	367.5	313.7	341.2	352.5
52.5°	568.7	331.2	293.7	322.5	335.0
55°	483.7	296.2	272.5	302.5	312.5
57.5°	410.0	263.7	250.0	280.0	287.5
60°	341.2	232.5	227.5	255.0	263.7
62.5°	278.7	205.0	206.2	232.5	241.2
65°	227.5	178.7	187.5	211.2	218.7



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	185.0	153.7	168.7	193.7	200.0
70°	146.2	131.2	153.7	176.2	182.5
72.5°	116.2	111.2	138.7	162.5	167.5
75°	88.7	92.5	126.2	148.7	155.0
77.5°	63.7	77.5	113.7	137.5	142.5
80°	45.0	63.7	103.7	127.5	132.5
82.5°	28.7	52.5	93.7	118.7	123.7
85°	15.0	42.5	85.0	110.0	115.0
87.5°	6.2	35.0	76.2	101.2	106.2
90°	0.0	28.7	68.7	93.7	97.5
92.5°	0.0	25.0	62.5	86.2	90.0
95°	0.0	21.2	57.5	78.7	82.5
97.5°	0.0	20.0	51.2	72.5	76.2
100°	0.0	17.5	46.2	66.2	71.2
102.5°	0.0	16.2	42.5	60.0	65.0
105°	0.0	15.0	38.7	55.0	60.0
107.5°	0.0	13.7	36.2	51.2	55.0
110°	0.0	13.7	32.5	47.5	51.2
112.5°	1.2	12.5	30.0	42.5	46.2
115°	1.2	12.5	27.5	40.0	42.5
117.5°	1.2	12.5	26.2	36.2	38.7
120°	1.2	11.2	25.0	33.7	36.2
122.5°	1.2	11.2	23.7	31.2	32.5
125°	1.2	10.0	22.5	28.7	31.2
127.5°	1.2	10.0	21.2	27.5	28.7
130°	1.2	10.0	20.0	25.0	27.5
132.5°	1.2	8.7	18.7	23.7	25.0
135°	1.2	8.7	17.5	22.5	23.7
137.5°	1.2	7.5	16.2	21.2	22.5
140°	1.2	7.5	15.0	20.0	21.2
142.5°	1.2	6.2	13.7	18.7	20.0
145°	1.2	6.2	12.5	17.5	18.7
147.5°	1.2	6.2	11.2	16.2	17.5
150°	1.2	5.0	10.0	15.0	16.2
152.5°	1.2	5.0	8.7	13.7	15.0
155°	1.2	5.0	8.7	12.5	13.7
157.5°	1.2	3.7	7.5	10.0	12.5
160°	1.2	3.7	6.2	8.7	11.2
162.5°	1.2	3.7	6.2	7.5	8.7
165°	1.2	2.5	5.0	6.2	7.5
167.5°	1.2	2.5	3.7	5.0	6.2
170°	1.2	2.5	3.7	3.7	5.0
172.5°	1.2	2.5	2.5	2.5	2.5
175°	2.5	2.5	2.5	2.5	1.2
177.5°	2.5	2.5	2.5	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)