

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: P566202

Luminaire Tested: **4SNX-26SL-LN-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566202
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-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

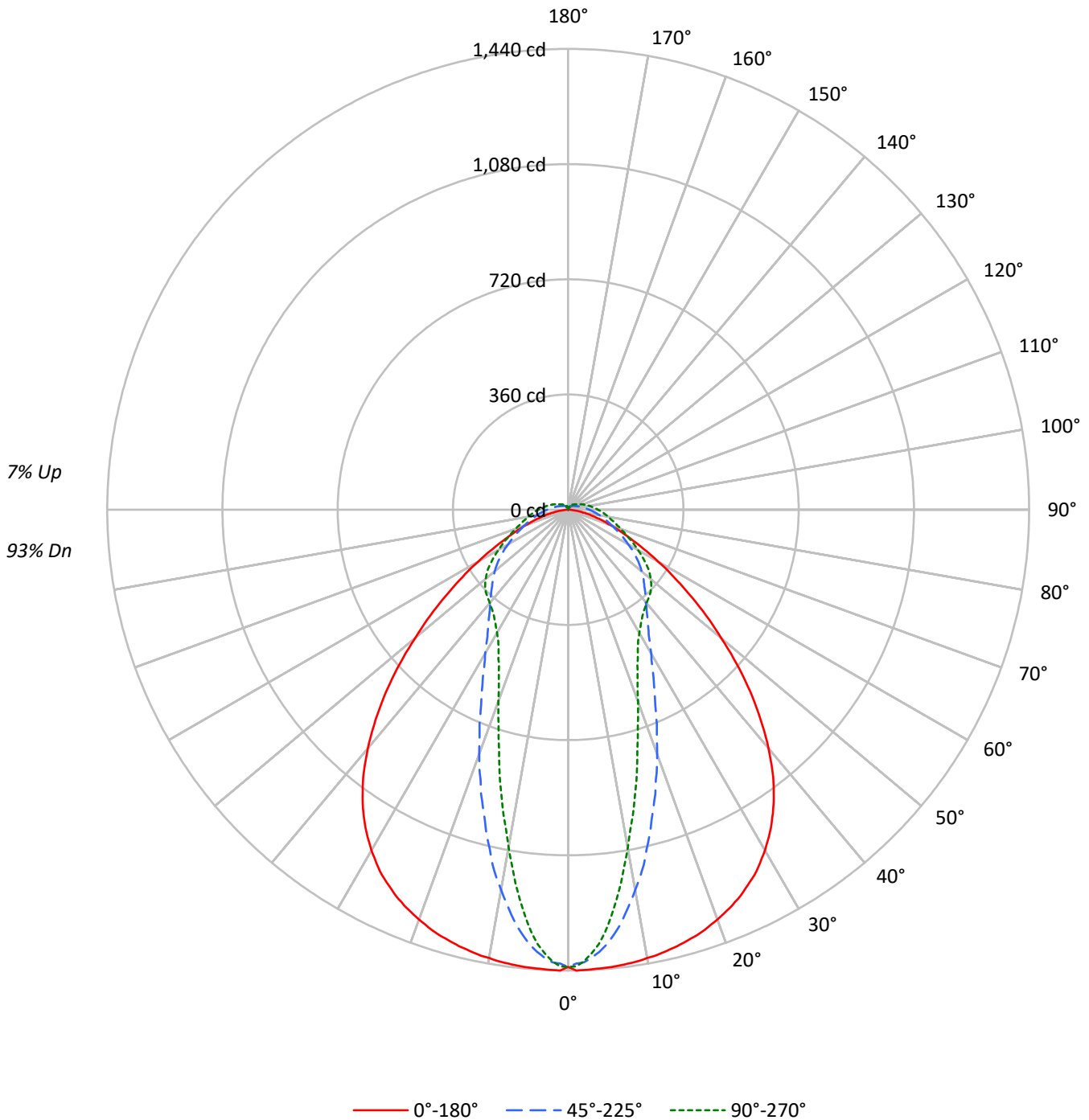
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2277.0 lumens
Efficiency: N/A
Efficacy: 138.8 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	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	67	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°	15375	15375	15375
5°	15455	14132	13524
10°	15434	12117	10492
15°	15427	9884	7864
20°	15377	7874	5885
25°	15237	6170	4670
30°	14918	4993	3984
35°	14292	4226	3624
40°	13221	3731	3430
45°	11754	3413	3325
50°	9957	3141	3140
55°	8180	2846	2868
60°	6542	2504	2516
65°	5078	2198	2189
70°	3942	1944	1936
75°	3048	1747	1765
80°	2156	1598	1640
85°	1196	1489	1573



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.5	5.6
10°-20°	296.5	13.0
20°-30°	352.0	15.5
30°-40°	354.1	15.6
40°-50°	329.2	14.5
50°-60°	271.0	11.9
60°-70°	191.0	8.4
70°-80°	124.8	5.5
80°-90°	79.7	3.5
90°-100°	52.2	2.3
100°-110°	35.5	1.6
110°-120°	24.3	1.1
120°-130°	16.8	0.7
130°-140°	11.3	0.5
140°-150°	7.0	0.3
150°-160°	3.6	0.2
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	775.0	34.0
0°-40°	1129.1	49.6
0°-60°	1729.3	75.9
0°-90°	2124.7	93.3
90°-120°	112.0	4.9
90°-150°	147.1	6.5
90°-180°	152.0	6.7
0°-180°	2277.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1428	1428	1428	1428	1428	
5°	1436	1416	1365	1339	1325	137
15°	1400	1251	1006	880	832	395
25°	1308	967	641	538	516	602
35°	1119	654	434	407	404	696
45°	804	431	336	354	364	617
55°	462	283	260	289	298	417
65°	217	171	179	202	209	220
75°	85	88	120	142	148	92
85°	14	41	81	105	110	18
90°	0	27	66	90	93	1
95°	0	20	55	75	79	0
105°	0	14	37	52	57	0
115°	1	12	26	38	41	1
125°	1	10	22	27	30	1
135°	1	8	17	22	23	1
145°	1	6	12	17	18	1
155°	1	5	8	12	13	1
165°	1	2	5	6	7	0
175°	2	2	2	2	1	0
180°	1	1	1	1	1	



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CATALOG NUMBER: 4SNX-26SL-LN-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1428.4	1428.4	1428.4	1428.4	1428.4
1°	1440.4	1434.4	1418.9	1429.6	1427.2
2°	1439.2	1433.2	1415.3	1420.1	1411.7
3°	1438.0	1429.6	1402.2	1401.0	1389.1
4°	1436.8	1423.7	1385.5	1371.1	1361.6
5°	1435.6	1416.5	1365.2	1338.9	1324.6
6°	1434.4	1408.1	1338.9	1299.5	1279.3
7°	1432.0	1395.0	1311.5	1257.8	1231.5
8°	1429.6	1383.1	1276.9	1212.4	1180.2
9°	1427.2	1367.6	1242.3	1163.5	1125.3
10°	1422.5	1352.1	1206.5	1113.4	1072.8
11°	1420.1	1334.2	1171.9	1065.7	1017.9
12°	1415.3	1315.1	1134.9	1015.5	973.8
13°	1410.5	1294.8	1089.5	972.6	922.5
14°	1405.8	1273.3	1050.1	924.8	878.3
15°	1399.8	1250.6	1006.0	879.5	831.8
16°	1393.8	1224.4	966.6	833.0	782.8
17°	1387.9	1199.3	929.6	790.0	744.6
18°	1380.7	1174.2	886.7	748.2	704.1
19°	1371.1	1145.6	852.0	710.0	669.5
20°	1362.8	1119.4	812.7	674.2	638.4
21°	1353.2	1087.1	773.3	640.8	605.0
22.5°	1338.9	1041.8	723.2	599.1	565.6
23°	1331.8	1028.7	702.9	583.5	554.9
24°	1322.2	994.1	669.5	559.7	531.0
25°	1307.9	966.6	640.8	538.2	515.5
26°	1294.8	933.2	612.2	519.1	496.4
27°	1281.6	901.0	587.1	498.8	479.7
28°	1264.9	867.6	559.7	482.1	465.4
29°	1247.0	836.5	537.0	467.8	454.7
30°	1229.1	801.9	517.9	454.7	443.9
32.5°	1179.0	725.6	469.0	429.6	422.4
35°	1119.4	654.0	434.4	406.9	404.5
37.5°	1052.5	588.3	403.3	389.0	391.4
40°	973.8	528.7	377.1	375.9	380.7
42.5°	890.2	477.3	356.8	365.2	372.3
45°	804.3	430.8	336.5	354.4	364.0
47.5°	714.8	390.2	318.6	341.3	352.0
50°	624.1	350.8	299.5	325.8	336.5
52.5°	543.0	316.2	280.4	307.9	319.8
55°	461.8	282.8	260.1	288.8	298.3
57.5°	391.4	251.8	238.7	267.3	274.5
60°	325.8	222.0	217.2	243.4	251.8
62.5°	266.1	195.7	196.9	222.0	230.3
65°	217.2	170.6	179.0	201.7	208.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	176.6	146.8	161.1	185.0	190.9
70°	139.6	125.3	146.8	168.3	174.2
72.5°	111.0	106.2	132.5	155.1	159.9
75°	84.7	88.3	120.5	142.0	148.0
77.5°	60.9	74.0	108.6	131.3	136.0
80°	43.0	60.9	99.0	121.7	126.5
82.5°	27.4	50.1	89.5	113.4	118.1
85°	14.3	40.6	81.1	105.0	109.8
87.5°	6.0	33.4	72.8	96.7	101.4
90°	0.0	27.4	65.6	89.5	93.1
92.5°	0.0	23.9	59.7	82.3	85.9
95°	0.0	20.3	54.9	75.2	78.8
97.5°	0.0	19.1	48.9	69.2	72.8
100°	0.0	16.7	44.2	63.2	68.0
102.5°	0.0	15.5	40.6	57.3	62.1
105°	0.0	14.3	37.0	52.5	57.3
107.5°	0.0	13.1	34.6	48.9	52.5
110°	0.0	13.1	31.0	45.3	48.9
112.5°	1.2	11.9	28.6	40.6	44.2
115°	1.2	11.9	26.3	38.2	40.6
117.5°	1.2	11.9	25.1	34.6	37.0
120°	1.2	10.7	23.9	32.2	34.6
122.5°	1.2	10.7	22.7	29.8	31.0
125°	1.2	9.5	21.5	27.4	29.8
127.5°	1.2	9.5	20.3	26.3	27.4
130°	1.2	9.5	19.1	23.9	26.3
132.5°	1.2	8.4	17.9	22.7	23.9
135°	1.2	8.4	16.7	21.5	22.7
137.5°	1.2	7.2	15.5	20.3	21.5
140°	1.2	7.2	14.3	19.1	20.3
142.5°	1.2	6.0	13.1	17.9	19.1
145°	1.2	6.0	11.9	16.7	17.9
147.5°	1.2	6.0	10.7	15.5	16.7
150°	1.2	4.8	9.5	14.3	15.5
152.5°	1.2	4.8	8.4	13.1	14.3
155°	1.2	4.8	8.4	11.9	13.1
157.5°	1.2	3.6	7.2	9.5	11.9
160°	1.2	3.6	6.0	8.4	10.7
162.5°	1.2	3.6	6.0	7.2	8.4
165°	1.2	2.4	4.8	6.0	7.2
167.5°	1.2	2.4	3.6	4.8	6.0
170°	1.2	2.4	3.6	3.6	4.8
172.5°	1.2	2.4	2.4	2.4	2.4
175°	2.4	2.4	2.4	2.4	1.2
177.5°	2.4	2.4	2.4	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)