

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: P566653

Luminaire Tested: **4SNX-60SL-SLW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566653
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-60SL-SLW-UNV-L950-CD
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

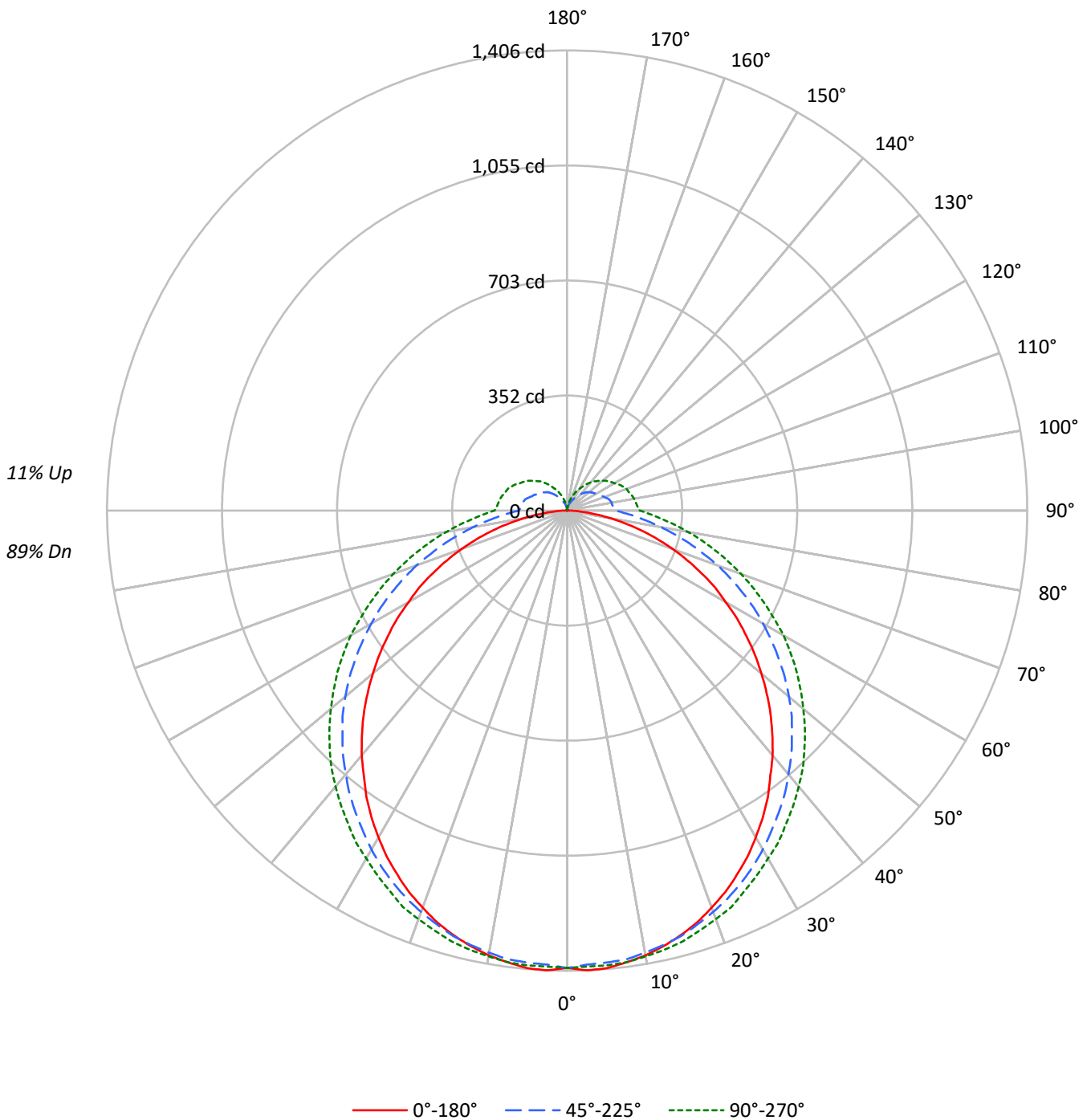
Lumens per Lamp: N/A
Luminaire Lumens: 4975.0 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 42
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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	15043	15043	15043
5°	15135	14656	14643
10°	15031	14360	14281
15°	14880	14055	13947
20°	14676	13707	13575
25°	14439	13366	13187
30°	14156	12992	12803
35°	13846	12603	12442
40°	13490	12220	12096
45°	13106	11830	11723
50°	12666	11419	11305
55°	12184	10924	10895
60°	11617	10395	10437
65°	11032	9802	9859
70°	10210	9147	9296
75°	9121	8316	8670
80°	7349	7470	8055
85°	5181	6744	7421



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.7	2.7
10°-20°	381.5	7.7
20°-30°	580.1	11.7
30°-40°	704.2	14.2
40°-50°	744.2	15.0
50°-60°	696.3	14.0
60°-70°	571.3	11.5
70°-80°	393.0	7.9
80°-90°	215.2	4.3
90°-100°	138.6	2.8
100°-110°	124.3	2.5
110°-120°	102.9	2.1
120°-130°	79.3	1.6
130°-140°	55.7	1.1
140°-150°	33.6	0.7
150°-160°	16.1	0.3
160°-170°	5.3	0.1
170°-180°	0.6	0.0
0°-30°	1094.4	22.0
0°-40°	1798.6	36.2
0°-60°	3239.1	65.1
0°-90°	4418.6	88.8
90°-120°	365.9	7.4
90°-150°	534.4	10.7
90°-180°	556.0	11.2
0°-180°	4975.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1398	1398	1398	1398	1398	
5°	1403	1400	1386	1398	1395	133
15°	1343	1348	1346	1363	1363	379
25°	1228	1242	1256	1282	1282	566
35°	1069	1095	1127	1158	1167	668
45°	879	919	971	1014	1026	677
55°	668	723	790	838	856	598
65°	452	513	591	645	663	448
75°	236	300	386	447	467	249
85°	52	124	210	268	288	60
90°	0	69	147	202	222	4
95°	0	66	141	193	213	0
105°	0	55	132	182	199	2
115°	3	49	112	161	182	3
125°	3	40	95	138	156	3
135°	3	32	78	112	127	2
145°	3	23	55	86	95	2
155°	3	14	35	55	63	1
165°	3	9	17	26	32	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



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CATALOG NUMBER: 4SNX-60SL-SLW-UNV-L950-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1397.5	1397.5	1397.5	1397.5	1397.5
2.5°	1406.1	1403.3	1388.8	1400.4	1394.6
5°	1403.3	1400.4	1386.0	1397.5	1394.6
7.5°	1391.7	1391.7	1383.1	1394.6	1391.7
10°	1380.2	1380.2	1371.6	1386.0	1383.1
12.5°	1362.9	1365.8	1360.0	1377.3	1374.4
15°	1342.7	1348.5	1345.6	1362.9	1362.9
17.5°	1319.7	1325.5	1325.5	1345.6	1345.6
20°	1290.9	1299.5	1305.3	1328.3	1328.3
22.5°	1262.1	1273.6	1282.2	1302.4	1311.0
25°	1227.5	1241.9	1256.3	1282.2	1282.2
27.5°	1192.9	1210.2	1227.5	1253.4	1256.3
30°	1152.6	1172.7	1195.8	1221.7	1227.5
32.5°	1112.2	1138.2	1161.2	1192.9	1201.6
35°	1069.0	1094.9	1126.6	1158.3	1167.0
37.5°	1020.0	1051.7	1092.1	1126.6	1135.3
40°	976.8	1011.4	1051.7	1092.1	1100.7
42.5°	927.8	965.3	1014.3	1051.7	1066.1
45°	878.8	919.2	971.0	1014.3	1025.8
47.5°	827.0	873.1	930.7	971.0	985.4
50°	775.1	824.1	884.6	930.7	942.2
52.5°	723.2	775.1	838.5	884.6	899.0
55°	668.5	723.2	789.5	838.5	855.8
57.5°	616.6	671.4	740.5	792.4	809.7
60°	559.0	622.4	691.5	743.4	763.6
62.5°	510.0	567.6	642.6	694.4	711.7
65°	452.4	512.9	590.7	645.4	662.7
67.5°	397.6	461.0	538.8	596.5	613.7
70°	342.9	406.3	489.8	544.6	564.8
72.5°	288.1	354.4	435.1	495.6	515.8
75°	236.3	299.7	386.1	446.6	466.8
77.5°	181.5	250.7	337.1	397.6	420.7
80°	132.5	204.6	291.0	351.5	374.6
82.5°	89.3	161.4	247.8	308.3	331.4
85°	51.9	123.9	210.3	268.0	288.1
87.5°	25.9	95.1	175.8	233.4	253.6
90°	0.0	69.2	147.0	201.7	221.9
92.5°	0.0	66.3	144.1	195.9	216.1
95°	0.0	66.3	141.2	193.1	213.2
97.5°	0.0	63.4	138.3	193.1	210.3
100°	0.0	60.5	138.3	190.2	207.5
102.5°	0.0	57.6	135.4	187.3	204.6
105°	0.0	54.7	132.5	181.5	198.8
107.5°	2.9	54.7	126.8	178.6	195.9
110°	2.9	51.9	121.0	175.8	193.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.9	49.0	115.3	170.0	187.3
115°	2.9	49.0	112.4	161.4	181.5
117.5°	2.9	46.1	106.6	155.6	175.8
120°	2.9	46.1	103.7	149.8	167.1
122.5°	2.9	43.2	98.0	144.1	161.4
125°	2.9	40.3	95.1	138.3	155.6
127.5°	2.9	37.5	92.2	132.5	149.8
130°	2.9	34.6	86.4	126.8	141.2
132.5°	2.9	34.6	83.6	118.1	135.4
135°	2.9	31.7	77.8	112.4	126.8
137.5°	2.9	28.8	72.0	106.6	121.0
140°	2.9	25.9	66.3	100.8	112.4
142.5°	2.9	25.9	60.5	92.2	103.7
145°	2.9	23.1	54.7	86.4	95.1
147.5°	2.9	20.2	49.0	77.8	86.4
150°	2.9	20.2	43.2	69.2	77.8
152.5°	2.9	17.3	37.5	63.4	72.0
155°	2.9	14.4	34.6	54.7	63.4
157.5°	2.9	14.4	28.8	46.1	54.7
160°	2.9	11.5	25.9	37.5	46.1
162.5°	2.9	11.5	23.1	31.7	40.3
165°	2.9	8.6	17.3	25.9	31.7
167.5°	2.9	8.6	14.4	20.2	25.9
170°	2.9	5.8	11.5	14.4	20.2
172.5°	2.9	5.8	8.6	8.6	8.6
175°	2.9	2.9	5.8	5.8	2.9
177.5°	2.9	2.9	2.9	2.9	2.9
180°	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)