

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: P567911

Luminaire Tested: **8SNX-62SL-SLW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567911
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: 8SNX-62SL-SLW-UNV-L935-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

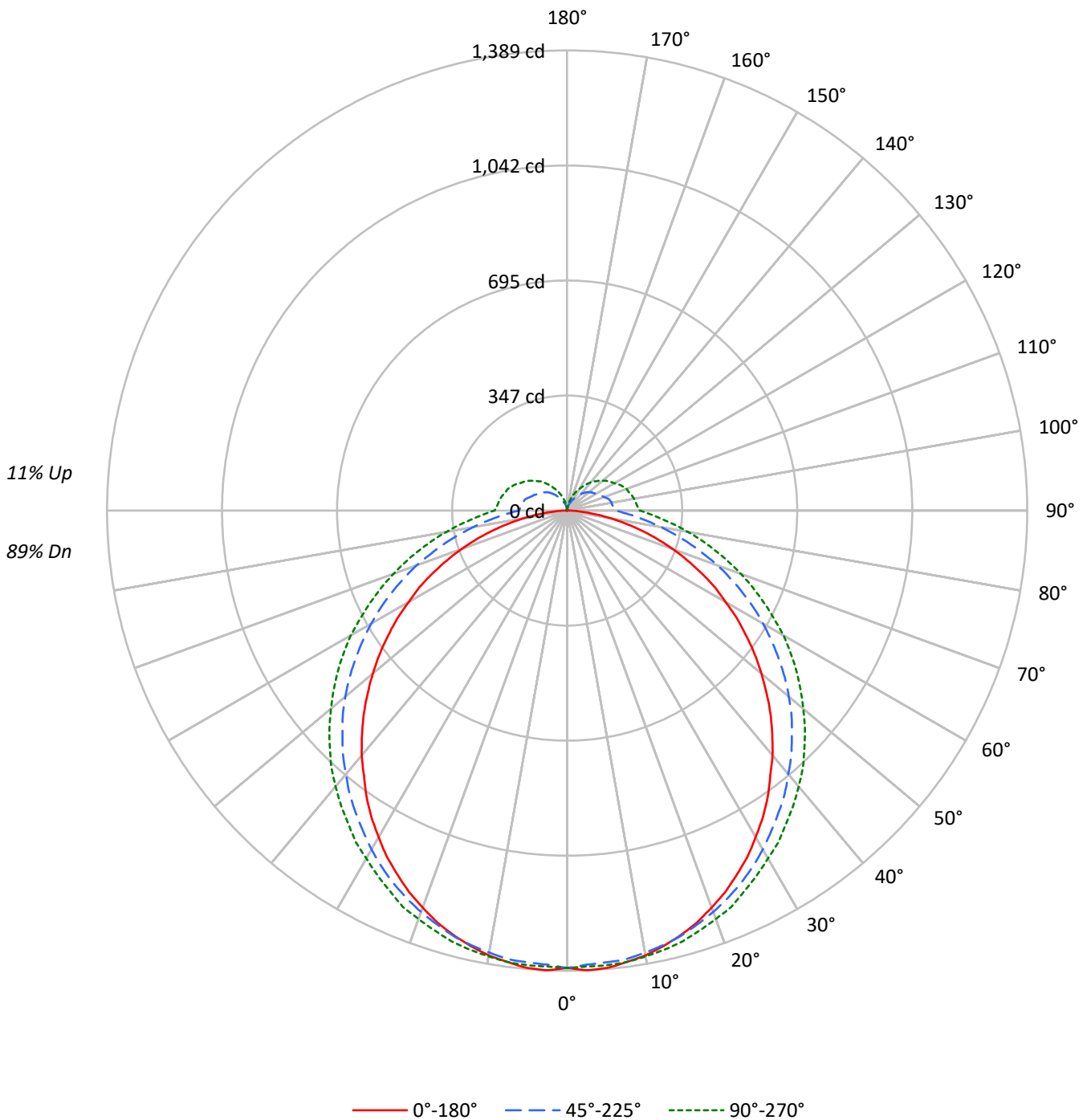
Lumens per Lamp: N/A
Luminaire Lumens: 4914.0 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 39
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°	7429	7429	7429
5°	7481	7243	7232
10°	7437	7100	7053
15°	7369	6954	6888
20°	7275	6786	6704
25°	7165	6621	6513
30°	7033	6440	6323
35°	6887	6252	6145
40°	6720	6066	5974
45°	6539	5877	5790
50°	6332	5677	5583
55°	6105	5437	5380
60°	5838	5181	5154
65°	5566	4890	4869
70°	5182	4572	4590
75°	4672	4166	4282
80°	3832	3755	3978
85°	2826	3406	3665



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.1	2.7
10°-20°	376.8	7.7
20°-30°	573.0	11.7
30°-40°	695.6	14.2
40°-50°	735.0	15.0
50°-60°	687.8	14.0
60°-70°	564.3	11.5
70°-80°	388.2	7.9
80°-90°	212.6	4.3
90°-100°	136.9	2.8
100°-110°	122.8	2.5
110°-120°	101.7	2.1
120°-130°	78.3	1.6
130°-140°	55.0	1.1
140°-150°	33.1	0.7
150°-160°	15.9	0.3
160°-170°	5.2	0.1
170°-180°	0.6	0.0
0°-30°	1081.0	22.0
0°-40°	1776.5	36.2
0°-60°	3199.4	65.1
0°-90°	4364.5	88.8
90°-120°	361.4	7.4
90°-150°	527.8	10.7
90°-180°	550.0	11.2
0°-180°	4914.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1380	1380	1380	1380	1380	
5°	1386	1383	1369	1380	1378	131
15°	1326	1332	1329	1346	1346	374
25°	1212	1227	1241	1266	1266	559
35°	1056	1082	1113	1144	1153	660
45°	868	908	959	1002	1013	669
55°	660	714	780	828	845	591
65°	447	507	583	638	655	443
75°	233	296	381	441	461	246
85°	51	122	208	265	285	59
90°	0	68	145	199	219	4
95°	0	66	140	191	211	0
105°	0	54	131	179	196	2
115°	3	48	111	159	179	3
125°	3	40	94	137	154	3
135°	3	31	77	111	125	2
145°	3	23	54	85	94	2
155°	3	14	34	54	63	1
165°	3	8	17	26	31	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1380.4	1380.4	1380.4	1380.4	1380.4
2.5°	1388.9	1386.0	1371.8	1383.2	1377.5
5°	1386.0	1383.2	1369.0	1380.4	1377.5
7.5°	1374.7	1374.7	1366.1	1377.5	1374.7
10°	1363.3	1363.3	1354.7	1369.0	1366.1
12.5°	1346.2	1349.0	1343.4	1360.4	1357.6
15°	1326.3	1332.0	1329.1	1346.2	1346.2
17.5°	1303.5	1309.2	1309.2	1329.1	1329.1
20°	1275.0	1283.6	1289.3	1312.0	1312.0
22.5°	1246.6	1258.0	1266.5	1286.4	1295.0
25°	1212.4	1226.7	1240.9	1266.5	1266.5
27.5°	1178.3	1195.4	1212.4	1238.0	1240.9
30°	1138.4	1158.4	1181.1	1206.7	1212.4
32.5°	1098.6	1124.2	1147.0	1178.3	1186.8
35°	1055.9	1081.5	1112.8	1144.1	1152.7
37.5°	1007.5	1038.8	1078.7	1112.8	1121.4
40°	964.8	999.0	1038.8	1078.7	1087.2
42.5°	916.4	953.4	1001.8	1038.8	1053.1
45°	868.1	907.9	959.1	1001.8	1013.2
47.5°	816.8	862.4	919.3	959.1	973.4
50°	765.6	814.0	873.7	919.3	930.7
52.5°	714.4	765.6	828.2	873.7	888.0
55°	660.3	714.4	779.8	828.2	845.3
57.5°	609.1	663.1	731.4	782.7	799.8
60°	552.1	614.8	683.1	734.3	754.2
62.5°	503.8	560.7	634.7	685.9	703.0
65°	446.8	506.6	583.4	637.5	654.6
67.5°	392.8	455.4	532.2	589.1	606.2
70°	338.7	401.3	483.8	537.9	557.8
72.5°	284.6	350.1	429.8	489.5	509.5
75°	233.4	296.0	381.4	441.1	461.1
77.5°	179.3	247.6	333.0	392.8	415.5
80°	130.9	202.1	287.5	347.2	370.0
82.5°	88.2	159.4	244.8	304.5	327.3
85°	51.2	122.4	207.8	264.7	284.6
87.5°	25.6	93.9	173.6	230.5	250.5
90°	0.0	68.3	145.2	199.2	219.1
92.5°	0.0	65.5	142.3	193.5	213.5
95°	0.0	65.5	139.5	190.7	210.6
97.5°	0.0	62.6	136.6	190.7	207.8
100°	0.0	59.8	136.6	187.8	204.9
102.5°	0.0	56.9	133.8	185.0	202.1
105°	0.0	54.1	130.9	179.3	196.4
107.5°	2.8	54.1	125.2	176.5	193.5
110°	2.8	51.2	119.5	173.6	190.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	48.4	113.8	167.9	185.0
115°	2.8	48.4	111.0	159.4	179.3
117.5°	2.8	45.5	105.3	153.7	173.6
120°	2.8	45.5	102.5	148.0	165.1
122.5°	2.8	42.7	96.8	142.3	159.4
125°	2.8	39.8	93.9	136.6	153.7
127.5°	2.8	37.0	91.1	130.9	148.0
130°	2.8	34.2	85.4	125.2	139.5
132.5°	2.8	34.2	82.5	116.7	133.8
135°	2.8	31.3	76.8	111.0	125.2
137.5°	2.8	28.5	71.2	105.3	119.5
140°	2.8	25.6	65.5	99.6	111.0
142.5°	2.8	25.6	59.8	91.1	102.5
145°	2.8	22.8	54.1	85.4	93.9
147.5°	2.8	19.9	48.4	76.8	85.4
150°	2.8	19.9	42.7	68.3	76.8
152.5°	2.8	17.1	37.0	62.6	71.2
155°	2.8	14.2	34.2	54.1	62.6
157.5°	2.8	14.2	28.5	45.5	54.1
160°	2.8	11.4	25.6	37.0	45.5
162.5°	2.8	11.4	22.8	31.3	39.8
165°	2.8	8.5	17.1	25.6	31.3
167.5°	2.8	8.5	14.2	19.9	25.6
170°	2.8	5.7	11.4	14.2	19.9
172.5°	2.8	5.7	8.5	8.5	8.5
175°	2.8	2.8	5.7	5.7	2.8
177.5°	2.8	2.8	2.8	2.8	2.8
180°	2.8	2.8	2.8	2.8	2.8

(END OF REPORT)