

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: P567910

Luminaire Tested: **8SNX-62SL-SLW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567910
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-L930-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

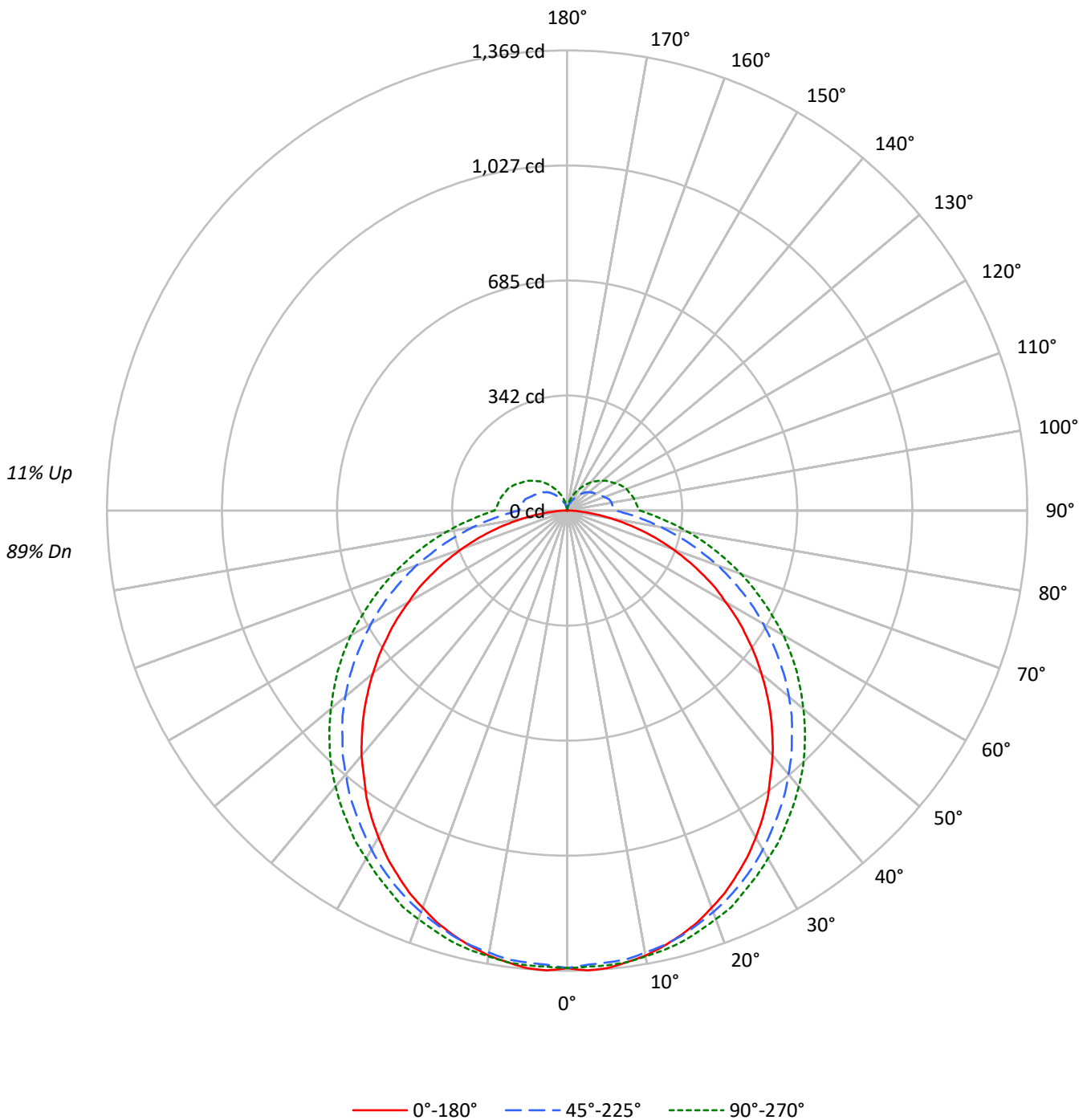
Lumens per Lamp: N/A
Luminaire Lumens: 4845.0 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.08')
CIE Type: Semi-Direct

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

TEST NUMBER: P567910

CATALOG NUMBER: 8SNX-62SL-SLW-UNV-L930-CD

Luminous Intensity Polar Plot





TEST NUMBER: P567910

CATALOG NUMBER: 8SNX-62SL-SLW-UNV-L930-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	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	77	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°	7325	7325	7325
5°	7376	7141	7131
10°	7332	7001	6954
15°	7266	6857	6791
20°	7173	6691	6610
25°	7065	6529	6421
30°	6934	6349	6234
35°	6791	6164	6059
40°	6626	5981	5890
45°	6448	5795	5708
50°	6243	5598	5505
55°	6019	5361	5305
60°	5756	5108	5082
65°	5489	4823	4801
70°	5109	4508	4526
75°	4606	4107	4222
80°	3779	3701	3922
85°	2788	3357	3614



TEST NUMBER: P567910

CATALOG NUMBER: 8SNX-62SL-SLW-UNV-L930-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.3	2.7
10°-20°	371.6	7.7
20°-30°	565.0	11.7
30°-40°	685.8	14.2
40°-50°	724.7	15.0
50°-60°	678.1	14.0
60°-70°	556.4	11.5
70°-80°	382.7	7.9
80°-90°	209.6	4.3
90°-100°	134.9	2.8
100°-110°	121.1	2.5
110°-120°	100.2	2.1
120°-130°	77.2	1.6
130°-140°	54.3	1.1
140°-150°	32.7	0.7
150°-160°	15.6	0.3
160°-170°	5.1	0.1
170°-180°	0.6	0.0
0°-30°	1065.8	22.0
0°-40°	1751.6	36.2
0°-60°	3154.5	65.1
0°-90°	4303.2	88.8
90°-120°	356.3	7.4
90°-150°	520.4	10.7
90°-180°	542.0	11.2
0°-180°	4845.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1361	1361	1361	1361	1361	
5°	1367	1364	1350	1361	1358	130
15°	1308	1313	1310	1327	1327	369
25°	1195	1209	1224	1249	1249	551
35°	1041	1066	1097	1128	1136	650
45°	856	895	946	988	999	660
55°	651	704	769	817	833	583
65°	441	500	575	629	645	436
75°	230	292	376	435	455	242
85°	50	121	205	261	281	58
90°	0	67	143	196	216	3
95°	0	64	138	188	208	0
105°	0	53	129	177	194	2
115°	3	48	109	157	177	3
125°	3	39	93	135	152	3
135°	3	31	76	109	124	2
145°	3	22	53	84	93	2
155°	3	14	34	53	62	1
165°	3	8	17	25	31	1
175°	3	3	6	6	3	0
180°	3	3	3	3	3	



TEST NUMBER: P567910

CATALOG NUMBER: 8SNX-62SL-SLW-UNV-L930-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1361.0	1361.0	1361.0	1361.0	1361.0
2.5°	1369.4	1366.6	1352.6	1363.8	1358.2
5°	1366.6	1363.8	1349.7	1361.0	1358.2
7.5°	1355.4	1355.4	1346.9	1358.2	1355.4
10°	1344.1	1344.1	1335.7	1349.7	1346.9
12.5°	1327.3	1330.1	1324.5	1341.3	1338.5
15°	1307.7	1313.3	1310.5	1327.3	1327.3
17.5°	1285.2	1290.8	1290.8	1310.5	1310.5
20°	1257.1	1265.6	1271.2	1293.6	1293.6
22.5°	1229.1	1240.3	1248.7	1268.4	1276.8
25°	1195.4	1209.4	1223.5	1248.7	1248.7
27.5°	1161.7	1178.6	1195.4	1220.7	1223.5
30°	1122.5	1142.1	1164.5	1189.8	1195.4
32.5°	1083.2	1108.4	1130.9	1161.7	1170.2
35°	1041.1	1066.3	1097.2	1128.1	1136.5
37.5°	993.4	1024.2	1063.5	1097.2	1105.6
40°	951.3	985.0	1024.2	1063.5	1071.9
42.5°	903.6	940.1	987.8	1024.2	1038.3
45°	855.9	895.2	945.7	987.8	999.0
47.5°	805.4	850.3	906.4	945.7	959.7
50°	754.8	802.6	861.5	906.4	917.6
52.5°	704.3	754.8	816.6	861.5	875.5
55°	651.0	704.3	768.9	816.6	833.4
57.5°	600.5	653.8	721.2	771.7	788.5
60°	544.4	606.1	673.5	724.0	743.6
62.5°	496.7	552.8	625.8	676.3	693.1
65°	440.6	499.5	575.3	628.6	645.4
67.5°	387.2	449.0	524.7	580.9	597.7
70°	333.9	395.7	477.0	530.4	550.0
72.5°	280.6	345.2	423.7	482.7	502.3
75°	230.1	291.8	376.0	434.9	454.6
77.5°	176.8	244.1	328.3	387.2	409.7
80°	129.1	199.2	283.4	342.3	364.8
82.5°	87.0	157.1	241.3	300.3	322.7
85°	50.5	120.7	204.8	261.0	280.6
87.5°	25.3	92.6	171.2	227.3	246.9
90°	0.0	67.3	143.1	196.4	216.1
92.5°	0.0	64.5	140.3	190.8	210.5
95°	0.0	64.5	137.5	188.0	207.7
97.5°	0.0	61.7	134.7	188.0	204.8
100°	0.0	58.9	134.7	185.2	202.0
102.5°	0.0	56.1	131.9	182.4	199.2
105°	0.0	53.3	129.1	176.8	193.6
107.5°	2.8	53.3	123.5	174.0	190.8
110°	2.8	50.5	117.9	171.2	188.0



TEST NUMBER: P567910

CATALOG NUMBER: 8SNX-62SL-SLW-UNV-L930-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.8	47.7	112.2	165.6	182.4
115°	2.8	47.7	109.4	157.1	176.8
117.5°	2.8	44.9	103.8	151.5	171.2
120°	2.8	44.9	101.0	145.9	162.8
122.5°	2.8	42.1	95.4	140.3	157.1
125°	2.8	39.3	92.6	134.7	151.5
127.5°	2.8	36.5	89.8	129.1	145.9
130°	2.8	33.7	84.2	123.5	137.5
132.5°	2.8	33.7	81.4	115.1	131.9
135°	2.8	30.9	75.8	109.4	123.5
137.5°	2.8	28.1	70.2	103.8	117.9
140°	2.8	25.3	64.5	98.2	109.4
142.5°	2.8	25.3	58.9	89.8	101.0
145°	2.8	22.4	53.3	84.2	92.6
147.5°	2.8	19.6	47.7	75.8	84.2
150°	2.8	19.6	42.1	67.3	75.8
152.5°	2.8	16.8	36.5	61.7	70.2
155°	2.8	14.0	33.7	53.3	61.7
157.5°	2.8	14.0	28.1	44.9	53.3
160°	2.8	11.2	25.3	36.5	44.9
162.5°	2.8	11.2	22.4	30.9	39.3
165°	2.8	8.4	16.8	25.3	30.9
167.5°	2.8	8.4	14.0	19.6	25.3
170°	2.8	5.6	11.2	14.0	19.6
172.5°	2.8	5.6	8.4	8.4	8.4
175°	2.8	2.8	5.6	5.6	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)