

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: P567907

Luminaire Tested: **8SNX-62SL-SLW-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567907
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-L835-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

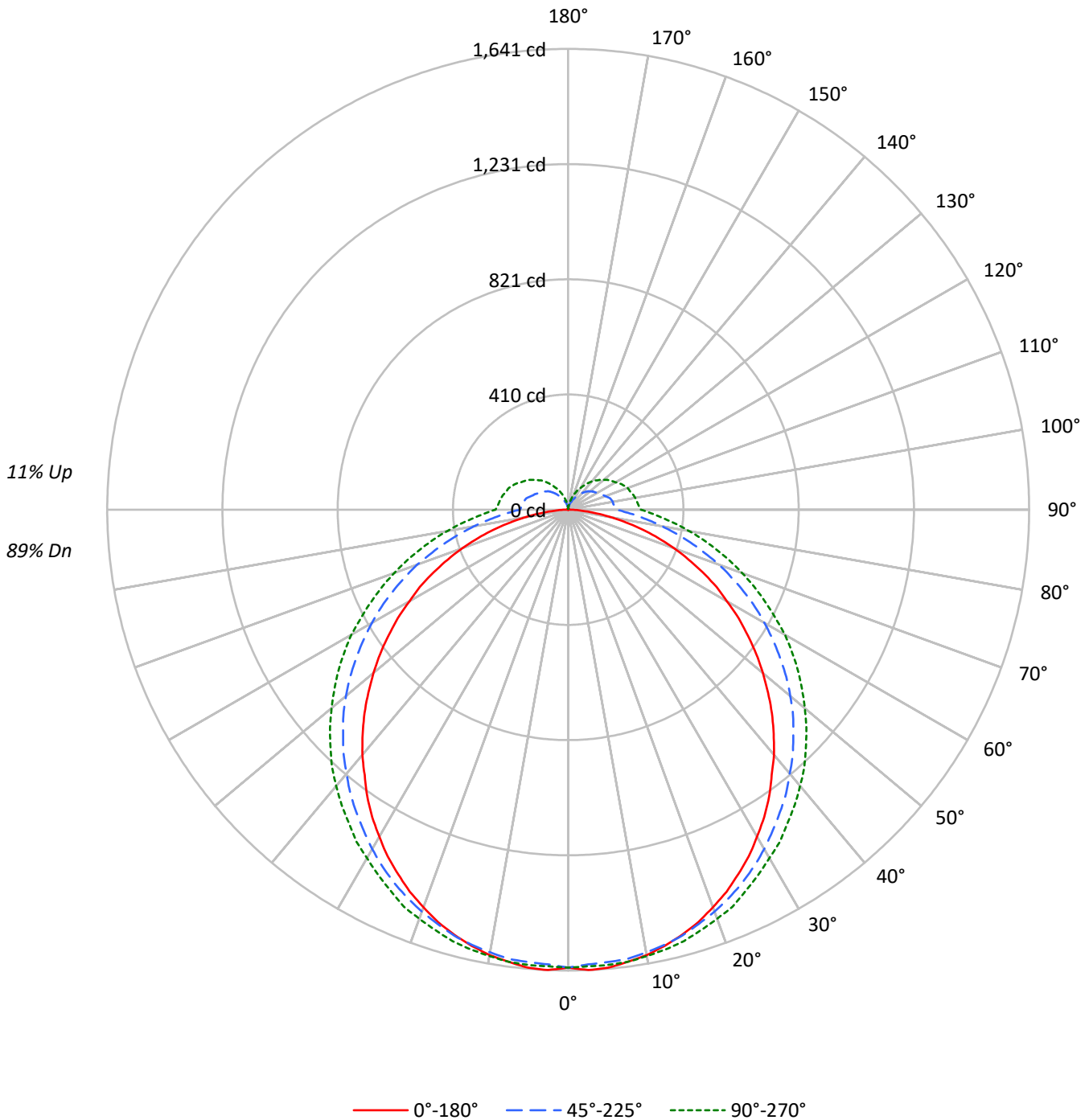
Lumens per Lamp: N/A
Luminaire Lumens: 5805.0 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.08')
CIE Type: Semi-Direct

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°	8776	8776	8776
5°	8838	8556	8543
10°	8785	8388	8332
15°	8706	8215	8137
20°	8594	8016	7920
25°	8465	7822	7694
30°	8308	7608	7469
35°	8137	7385	7259
40°	7939	7166	7057
45°	7725	6943	6839
50°	7480	6707	6596
55°	7212	6423	6356
60°	6897	6119	6089
65°	6576	5777	5752
70°	6121	5402	5423
75°	5519	4921	5059
80°	4528	4435	4699
85°	3340	4023	4330



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.9	2.7
10°-20°	445.2	7.7
20°-30°	676.9	11.7
30°-40°	821.7	14.2
40°-50°	868.3	15.0
50°-60°	812.5	14.0
60°-70°	666.7	11.5
70°-80°	458.5	7.9
80°-90°	251.1	4.3
90°-100°	161.7	2.8
100°-110°	145.1	2.5
110°-120°	120.1	2.1
120°-130°	92.5	1.6
130°-140°	65.0	1.1
140°-150°	39.2	0.7
150°-160°	18.8	0.3
160°-170°	6.2	0.1
170°-180°	0.7	0.0
0°-30°	1277.0	22.0
0°-40°	2098.7	36.2
0°-60°	3779.5	65.1
0°-90°	5155.8	88.8
90°-120°	426.9	7.4
90°-150°	623.6	10.7
90°-180°	649.0	11.2
0°-180°	5805.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1631	1631	1631	1631	1631	
5°	1637	1634	1617	1631	1627	155
15°	1567	1574	1570	1590	1590	442
25°	1432	1449	1466	1496	1496	660
35°	1247	1278	1315	1352	1362	779
45°	1026	1072	1133	1184	1197	790
55°	780	844	921	978	999	698
65°	528	598	689	753	773	523
75°	276	350	450	521	545	290
85°	60	145	245	313	336	70
90°	0	81	172	235	259	4
95°	0	77	165	225	249	0
105°	0	64	155	212	232	2
115°	3	57	131	188	212	3
125°	3	47	111	161	182	3
135°	3	37	91	131	148	3
145°	3	27	64	101	111	2
155°	3	17	40	64	74	2
165°	3	10	20	30	37	1
175°	3	3	7	7	3	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1630.6	1630.6	1630.6	1630.6	1630.6
2.5°	1640.7	1637.4	1620.6	1634.0	1627.3
5°	1637.4	1634.0	1617.2	1630.6	1627.3
7.5°	1623.9	1623.9	1613.8	1627.3	1623.9
10°	1610.5	1610.5	1600.4	1617.2	1613.8
12.5°	1590.3	1593.7	1586.9	1607.1	1603.7
15°	1566.8	1573.5	1570.1	1590.3	1590.3
17.5°	1539.9	1546.6	1546.6	1570.1	1570.1
20°	1506.2	1516.3	1523.0	1549.9	1549.9
22.5°	1472.6	1486.1	1496.2	1519.7	1529.8
25°	1432.3	1449.1	1465.9	1496.2	1496.2
27.5°	1391.9	1412.1	1432.3	1462.5	1465.9
30°	1344.9	1368.4	1395.3	1425.5	1432.3
32.5°	1297.8	1328.0	1354.9	1391.9	1402.0
35°	1247.4	1277.6	1314.6	1351.6	1361.7
37.5°	1190.2	1227.2	1274.3	1314.6	1324.7
40°	1139.8	1180.1	1227.2	1274.3	1284.3
42.5°	1082.6	1126.3	1183.5	1227.2	1244.0
45°	1025.5	1072.5	1133.0	1183.5	1196.9
47.5°	964.9	1018.7	1086.0	1133.0	1149.9
50°	904.4	961.6	1032.2	1086.0	1099.4
52.5°	843.9	904.4	978.4	1032.2	1049.0
55°	780.0	843.9	921.2	978.4	998.6
57.5°	719.5	783.4	864.1	924.6	944.8
60°	652.3	726.2	806.9	867.4	891.0
62.5°	595.1	662.3	749.8	810.3	830.4
65°	527.9	598.5	689.2	753.1	773.3
67.5°	464.0	537.9	628.7	696.0	716.1
70°	400.1	474.1	571.6	635.4	659.0
72.5°	336.2	413.5	507.7	578.3	601.8
75°	275.7	349.7	450.5	521.1	544.7
77.5°	211.8	292.5	393.4	464.0	490.9
80°	154.7	238.7	339.6	410.2	437.1
82.5°	104.2	188.3	289.1	359.7	386.6
85°	60.5	144.6	245.4	312.7	336.2
87.5°	30.3	111.0	205.1	272.3	295.9
90°	0.0	80.7	171.5	235.3	258.9
92.5°	0.0	77.3	168.1	228.6	252.2
95°	0.0	77.3	164.7	225.3	248.8
97.5°	0.0	74.0	161.4	225.3	245.4
100°	0.0	70.6	161.4	221.9	242.1
102.5°	0.0	67.2	158.0	218.5	238.7
105°	0.0	63.9	154.7	211.8	232.0
107.5°	3.4	63.9	147.9	208.5	228.6
110°	3.4	60.5	141.2	205.1	225.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.4	57.2	134.5	198.4	218.5
115°	3.4	57.2	131.1	188.3	211.8
117.5°	3.4	53.8	124.4	181.6	205.1
120°	3.4	53.8	121.0	174.8	195.0
122.5°	3.4	50.4	114.3	168.1	188.3
125°	3.4	47.1	111.0	161.4	181.6
127.5°	3.4	43.7	107.6	154.7	174.8
130°	3.4	40.3	100.9	147.9	164.7
132.5°	3.4	40.3	97.5	137.8	158.0
135°	3.4	37.0	90.8	131.1	147.9
137.5°	3.4	33.6	84.1	124.4	141.2
140°	3.4	30.3	77.3	117.7	131.1
142.5°	3.4	30.3	70.6	107.6	121.0
145°	3.4	26.9	63.9	100.9	111.0
147.5°	3.4	23.5	57.2	90.8	100.9
150°	3.4	23.5	50.4	80.7	90.8
152.5°	3.4	20.2	43.7	74.0	84.1
155°	3.4	16.8	40.3	63.9	74.0
157.5°	3.4	16.8	33.6	53.8	63.9
160°	3.4	13.4	30.3	43.7	53.8
162.5°	3.4	13.4	26.9	37.0	47.1
165°	3.4	10.1	20.2	30.3	37.0
167.5°	3.4	10.1	16.8	23.5	30.3
170°	3.4	6.7	13.4	16.8	23.5
172.5°	3.4	6.7	10.1	10.1	10.1
175°	3.4	3.4	6.7	6.7	3.4
177.5°	3.4	3.4	3.4	3.4	3.4
180°	3.4	3.4	3.4	3.4	3.4

(END OF REPORT)