

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: P566651

Luminaire Tested: **4SNX-60SL-SLW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566651
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-L935-CD
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

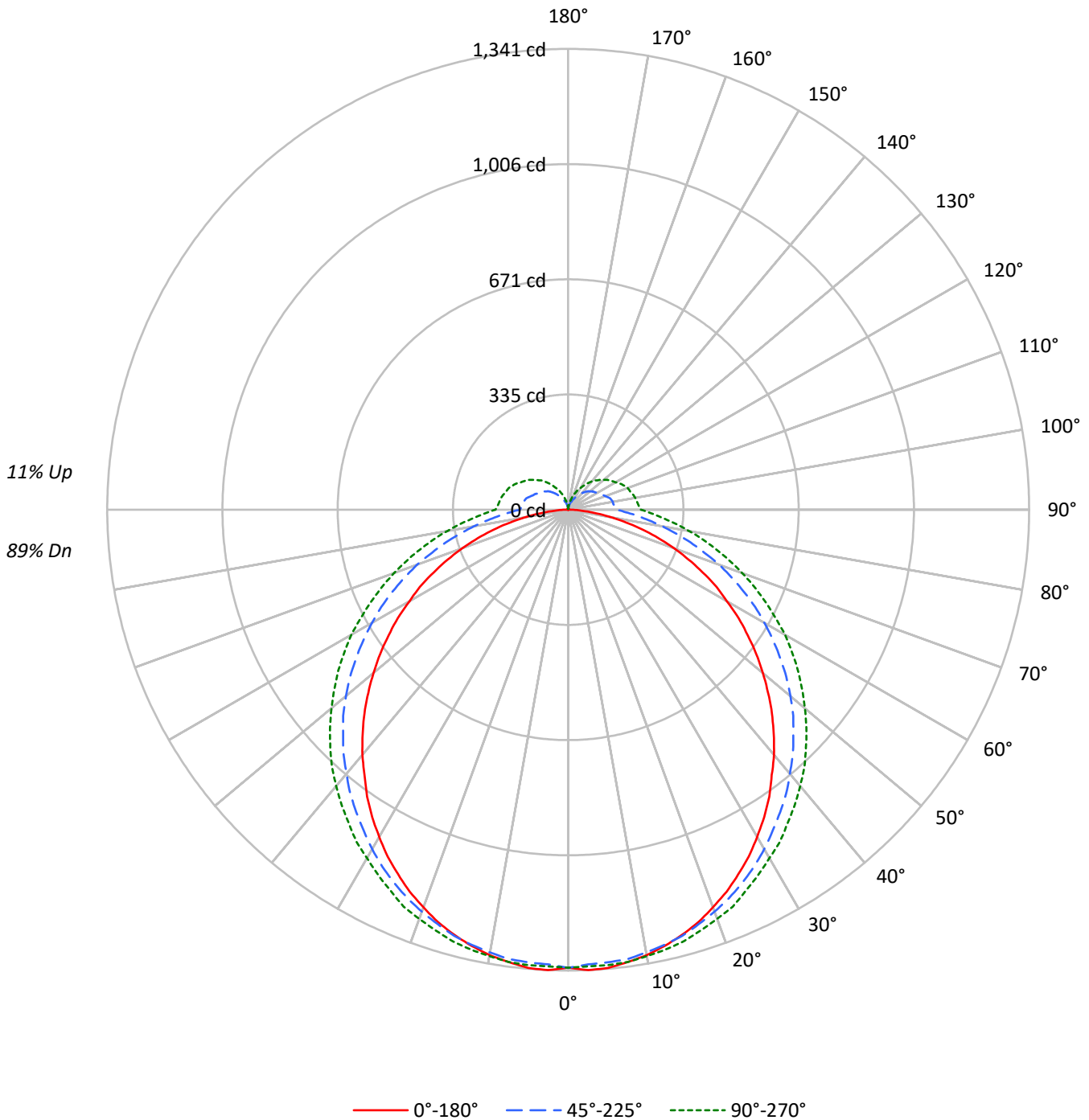
Lumens per Lamp: N/A
Luminaire Lumens: 4744.9 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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	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°	14347	14347	14347
5°	14435	13978	13966
10°	14336	13695	13620
15°	14193	13406	13302
20°	13997	13073	12947
25°	13771	12748	12578
30°	13502	12391	12210
35°	13206	12020	11867
40°	12866	11655	11537
45°	12500	11283	11181
50°	12081	10891	10783
55°	11621	10419	10390
60°	11080	9916	9954
65°	10522	9349	9404
70°	9736	8725	8865
75°	8700	7933	8269
80°	7010	7126	7683
85°	4941	6433	7078



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.6	2.7
10°-20°	363.9	7.7
20°-30°	553.3	11.7
30°-40°	671.7	14.2
40°-50°	709.7	15.0
50°-60°	664.1	14.0
60°-70°	544.9	11.5
70°-80°	374.8	7.9
80°-90°	205.3	4.3
90°-100°	132.2	2.8
100°-110°	118.6	2.5
110°-120°	98.2	2.1
120°-130°	75.6	1.6
130°-140°	53.1	1.1
140°-150°	32.0	0.7
150°-160°	15.3	0.3
160°-170°	5.0	0.1
170°-180°	0.6	0.0
0°-30°	1043.8	22.0
0°-40°	1715.4	36.2
0°-60°	3089.3	65.1
0°-90°	4214.4	88.8
90°-120°	348.9	7.4
90°-150°	509.6	10.7
90°-180°	531.0	11.2
0°-180°	4744.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1333	1333	1333	1333	1333	
5°	1338	1336	1322	1333	1330	127
15°	1281	1286	1283	1300	1300	361
25°	1171	1184	1198	1223	1223	539
35°	1020	1044	1074	1105	1113	637
45°	838	877	926	967	978	646
55°	638	690	753	800	816	571
65°	432	489	563	616	632	427
75°	225	286	368	426	445	237
85°	50	118	201	256	275	57
90°	0	66	140	192	212	3
95°	0	63	135	184	203	0
105°	0	52	126	173	190	2
115°	3	47	107	154	173	3
125°	3	38	91	132	148	2
135°	3	30	74	107	121	2
145°	3	22	52	82	91	2
155°	3	14	33	52	60	1
165°	3	8	16	25	30	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°	1332.9	1332.9	1332.9	1332.9	1332.9
2.5°	1341.1	1338.4	1324.6	1335.6	1330.1
5°	1338.4	1335.6	1321.9	1332.9	1330.1
7.5°	1327.4	1327.4	1319.1	1330.1	1327.4
10°	1316.4	1316.4	1308.1	1321.9	1319.1
12.5°	1299.9	1302.7	1297.2	1313.6	1310.9
15°	1280.7	1286.2	1283.4	1299.9	1299.9
17.5°	1258.7	1264.2	1264.2	1283.4	1283.4
20°	1231.2	1239.4	1244.9	1266.9	1266.9
22.5°	1203.7	1214.7	1223.0	1242.2	1250.4
25°	1170.7	1184.5	1198.2	1223.0	1223.0
27.5°	1137.8	1154.2	1170.7	1195.5	1198.2
30°	1099.3	1118.5	1140.5	1165.2	1170.7
32.5°	1060.8	1085.5	1107.5	1137.8	1146.0
35°	1019.6	1044.3	1074.5	1104.8	1113.0
37.5°	972.9	1003.1	1041.6	1074.5	1082.8
40°	931.6	964.6	1003.1	1041.6	1049.8
42.5°	884.9	920.7	967.4	1003.1	1016.8
45°	838.2	876.7	926.1	967.4	978.4
47.5°	788.7	832.7	887.7	926.1	939.9
50°	739.3	786.0	843.7	887.7	898.7
52.5°	689.8	739.3	799.7	843.7	857.4
55°	637.6	689.8	753.0	799.7	816.2
57.5°	588.1	640.3	706.3	755.8	772.2
60°	533.2	593.6	659.6	709.0	728.3
62.5°	486.4	541.4	612.9	662.3	678.8
65°	431.5	489.2	563.4	615.6	632.1
67.5°	379.3	439.7	513.9	568.9	585.4
70°	327.0	387.5	467.2	519.4	538.6
72.5°	274.8	338.0	415.0	472.7	491.9
75°	225.4	285.8	368.3	426.0	445.2
77.5°	173.1	239.1	321.5	379.3	401.2
80°	126.4	195.1	277.6	335.3	357.3
82.5°	85.2	153.9	236.3	294.1	316.0
85°	49.5	118.2	200.6	255.6	274.8
87.5°	24.7	90.7	167.6	222.6	241.8
90°	0.0	66.0	140.2	192.4	211.6
92.5°	0.0	63.2	137.4	186.9	206.1
95°	0.0	63.2	134.7	184.1	203.4
97.5°	0.0	60.5	131.9	184.1	200.6
100°	0.0	57.7	131.9	181.4	197.9
102.5°	0.0	55.0	129.2	178.6	195.1
105°	0.0	52.2	126.4	173.1	189.6
107.5°	2.7	52.2	120.9	170.4	186.9
110°	2.7	49.5	115.4	167.6	184.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.7	46.7	109.9	162.1	178.6
115°	2.7	46.7	107.2	153.9	173.1
117.5°	2.7	44.0	101.7	148.4	167.6
120°	2.7	44.0	98.9	142.9	159.4
122.5°	2.7	41.2	93.4	137.4	153.9
125°	2.7	38.5	90.7	131.9	148.4
127.5°	2.7	35.7	87.9	126.4	142.9
130°	2.7	33.0	82.4	120.9	134.7
132.5°	2.7	33.0	79.7	112.7	129.2
135°	2.7	30.2	74.2	107.2	120.9
137.5°	2.7	27.5	68.7	101.7	115.4
140°	2.7	24.7	63.2	96.2	107.2
142.5°	2.7	24.7	57.7	87.9	98.9
145°	2.7	22.0	52.2	82.4	90.7
147.5°	2.7	19.2	46.7	74.2	82.4
150°	2.7	19.2	41.2	66.0	74.2
152.5°	2.7	16.5	35.7	60.5	68.7
155°	2.7	13.7	33.0	52.2	60.5
157.5°	2.7	13.7	27.5	44.0	52.2
160°	2.7	11.0	24.7	35.7	44.0
162.5°	2.7	11.0	22.0	30.2	38.5
165°	2.7	8.2	16.5	24.7	30.2
167.5°	2.7	8.2	13.7	19.2	24.7
170°	2.7	5.5	11.0	13.7	19.2
172.5°	2.7	5.5	8.2	8.2	8.2
175°	2.7	2.7	5.5	5.5	2.7
177.5°	2.7	2.7	2.7	2.7	2.7
180°	2.7	2.7	2.7	2.7	2.7

(END OF REPORT)