

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: P566319

Luminaire Tested: **4SNX-33SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566319
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-33SL-UNV-L835-CD
Description: 4FT 3300 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

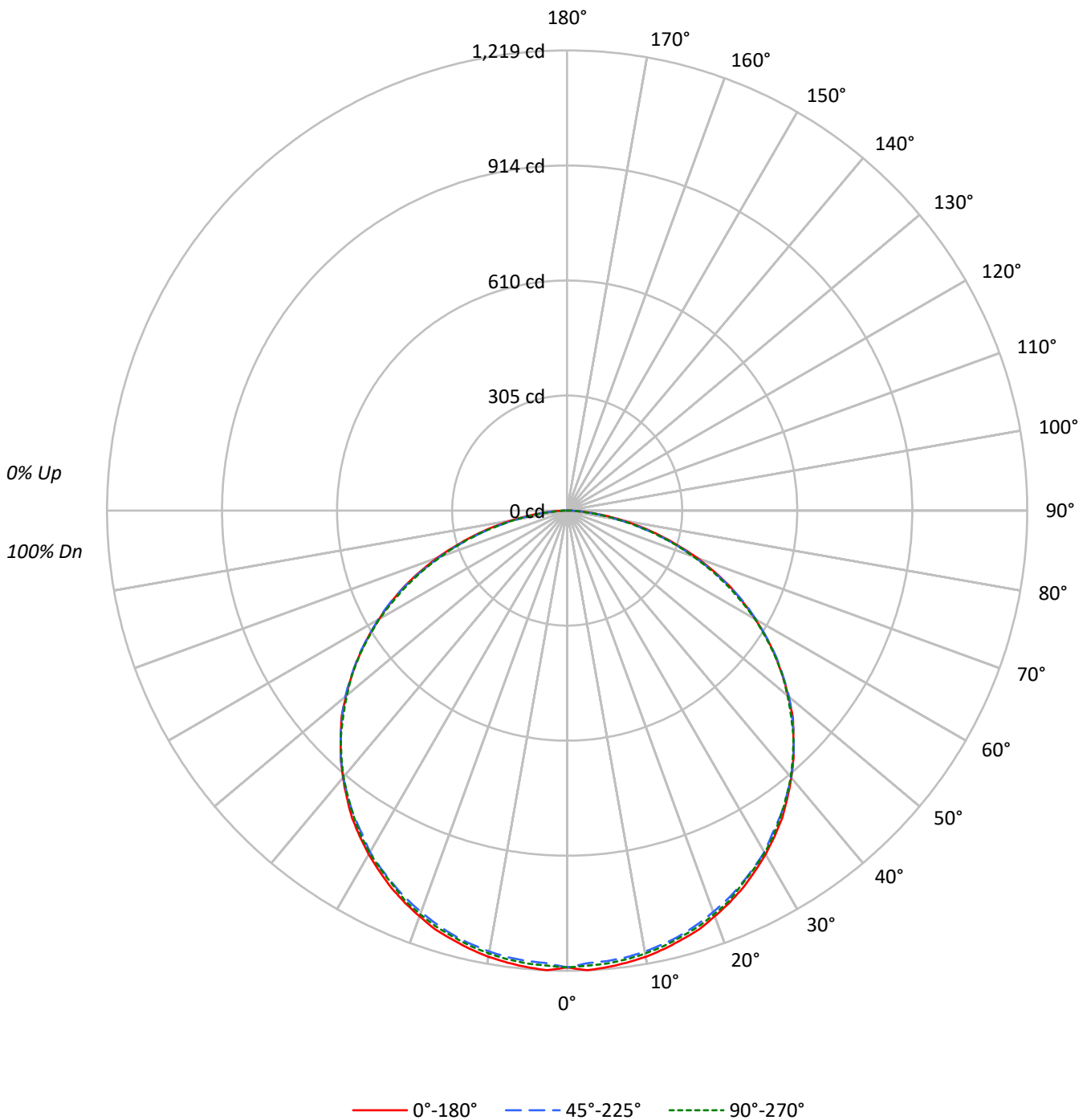
Lumens per Lamp: N/A
Luminaire Lumens: 3618.0 lumens
Efficiency: N/A
Efficacy: 171.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 21.1
Input Voltage (V): NR
Input Current (A_{in}): 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	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91		93	91	88		90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75		81	77	73		78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62		72	66	61		69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53		64	57	52		61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46		57	50	45		55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40		51	45	39		50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35		47	40	35		45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31		43	36	31		42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28		39	33	28		38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25		36	30	25		36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13024	13024	13024
5°	13122	12946	13016
10°	13118	12964	13023
15°	13108	12975	13024
20°	13101	12963	13038
25°	13092	12962	12988
30°	13065	12983	13011
35°	13055	12955	12969
40°	12982	12967	12951
45°	12904	12921	12904
50°	12810	12847	12755
55°	12641	12680	12620
60°	12391	12439	12370
65°	12139	12057	11889
70°	11541	11301	11163
75°	10543	10181	10227
80°	9106	8430	8635
85°	6854	6583	5916



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.8	3.2
10°-20°	330.8	9.1
20°-30°	506.1	14.0
30°-40°	618.8	17.1
40°-50°	654.6	18.1
50°-60°	603.1	16.7
60°-70°	464.7	12.8
70°-80°	260.4	7.2
80°-90°	64.7	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	951.7	26.3
0°-40°	1570.5	43.4
0°-60°	2828.1	78.2
0°-90°	3618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3618.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1210	1210	1210	1210	1210	
5°	1214	1210	1198	1210	1205	115
15°	1176	1174	1164	1174	1169	332
25°	1102	1100	1091	1100	1094	508
35°	994	991	986	989	987	621
45°	848	851	849	848	848	655
55°	674	679	676	676	672	601
65°	477	477	473	461	467	469
75°	254	250	245	236	246	269
85°	56	52	53	53	48	69
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1210.0	1210.0	1210.0	1210.0	1210.0
2.5°	1218.7	1213.3	1200.2	1212.2	1206.8
5°	1214.4	1210.0	1198.1	1210.0	1204.6
7.5°	1207.9	1204.6	1193.7	1204.6	1199.2
10°	1200.2	1197.0	1186.1	1197.0	1191.5
12.5°	1189.4	1187.2	1176.3	1187.2	1181.7
15°	1176.3	1174.1	1164.3	1174.1	1168.7
17.5°	1163.2	1158.9	1149.1	1160.0	1155.6
20°	1143.7	1141.5	1131.7	1141.5	1138.2
22.5°	1124.1	1121.9	1113.2	1121.9	1119.7
25°	1102.3	1100.1	1091.4	1100.1	1093.6
27.5°	1077.3	1078.4	1068.6	1074.0	1070.8
30°	1051.2	1051.2	1044.6	1046.8	1046.8
32.5°	1022.9	1022.9	1013.1	1019.6	1018.5
35°	993.5	991.3	985.9	989.1	987.0
37.5°	958.7	957.6	954.3	956.5	954.3
40°	923.9	924.9	922.8	921.7	921.7
42.5°	887.9	890.1	886.9	885.8	884.7
45°	847.7	850.9	848.8	847.7	847.7
47.5°	810.7	811.8	808.5	807.4	804.2
50°	765.0	769.3	767.2	765.0	761.7
52.5°	719.3	725.8	721.5	719.3	719.3
55°	673.6	679.0	675.7	675.7	672.5
57.5°	625.7	631.1	626.8	626.8	622.4
60°	575.6	581.1	577.8	574.6	574.6
62.5°	525.6	529.9	528.8	523.4	520.1
65°	476.6	476.6	473.4	461.4	466.8
67.5°	421.1	420.0	415.7	403.7	411.3
70°	366.7	366.7	359.1	344.9	354.7
72.5°	308.0	311.2	301.4	291.6	301.4
75°	253.5	250.3	244.8	236.1	245.9
77.5°	201.3	195.9	189.3	185.0	190.4
80°	146.9	143.6	136.0	136.0	139.3
82.5°	100.1	96.8	91.4	92.5	88.1
85°	55.5	52.2	53.3	53.3	47.9
87.5°	22.9	22.9	22.9	20.7	18.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)