

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: P217952

Luminaire Tested: **4SNLED-LD5-36SL-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P217952
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35691)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-36SL-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3649.0 lumens
Efficiency: N/A
Efficacy: 146.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

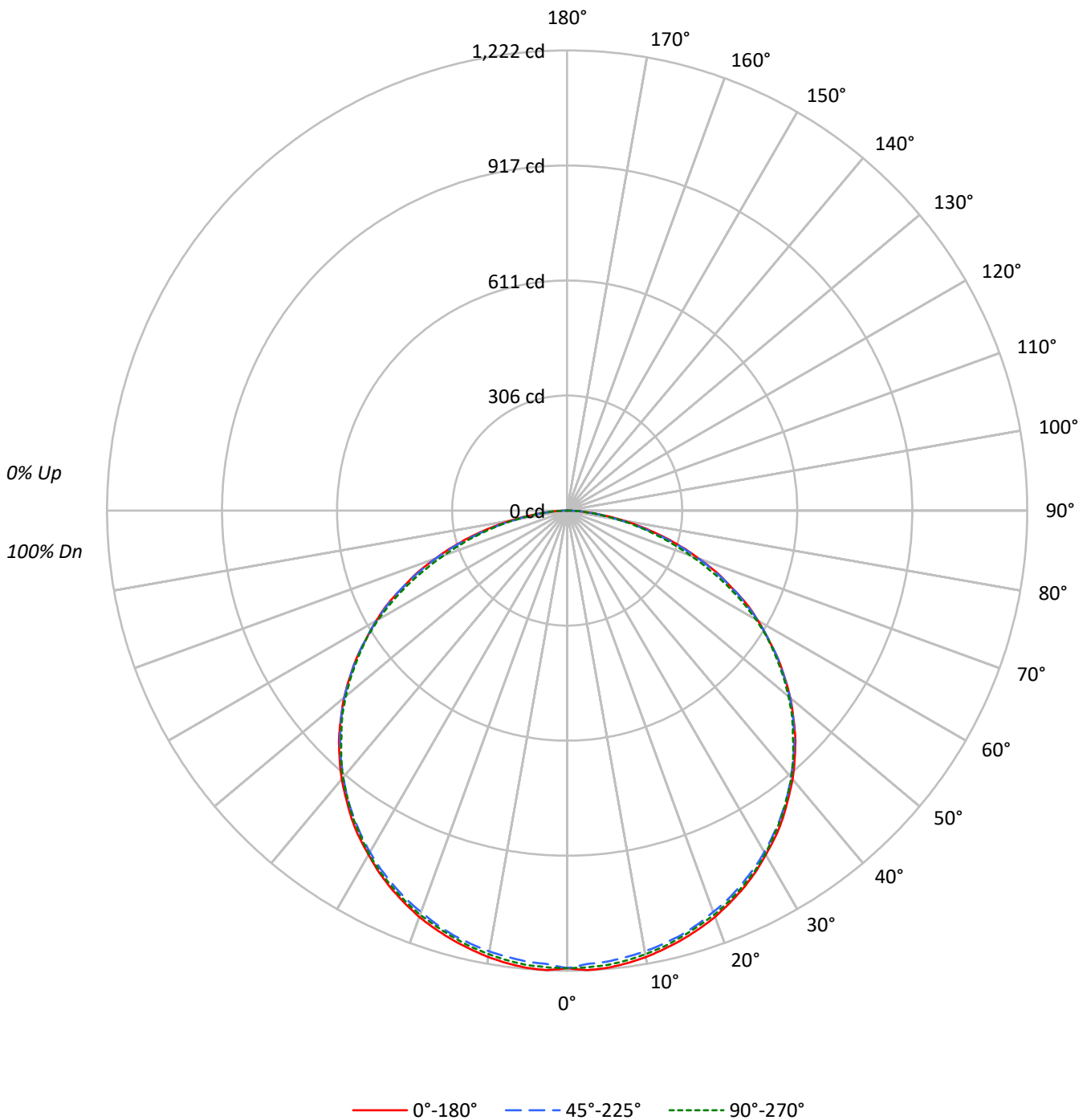
Input Watts (W): 24.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	97	94	97	94	91	93	91	88	90	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	70	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	36	29	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	19583	19583	19583
5°	19647	18276	18020
10°	19555	17215	16640
15°	19465	16263	15425
20°	19398	15341	14358
25°	19301	14496	13358
30°	19168	13673	12415
35°	19078	12855	11491
40°	18927	12025	10595
45°	18745	11194	9662
50°	18474	10310	8776
55°	18100	9347	7826
60°	17600	8292	6832
65°	16826	7125	5661
70°	15735	5762	4379
75°	14070	4150	3138
80°	11269	2466	1949
85°	6946	1066	788



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	3.2
10°-20°	331.6	9.1
20°-30°	508.0	13.9
30°-40°	621.8	17.0
40°-50°	658.0	18.0
50°-60°	608.5	16.7
60°-70°	472.5	12.9
70°-80°	266.2	7.3
80°-90°	67.3	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°	954.7	26.2
0°-40°	1576.5	43.2
0°-60°	2843.0	77.9
0°-90°	3649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3649.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1215	1215	1215	1215	1215	
5°	1219	1214	1203	1214	1212	116
15°	1180	1176	1167	1177	1172	333
25°	1107	1103	1095	1104	1102	510
35°	998	994	991	993	993	624
45°	857	856	853	852	848	660
55°	683	685	683	680	676	609
65°	481	485	482	476	467	477
75°	261	261	250	244	238	275
85°	56	56	54	54	53	69
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1215.3	1215.3	1215.3	1215.3	1215.3
2.5°	1221.6	1216.5	1205.2	1216.5	1214.0
5°	1219.1	1214.0	1202.7	1214.0	1211.5
7.5°	1212.7	1209.0	1196.3	1207.7	1205.2
10°	1203.9	1200.1	1188.8	1200.1	1196.3
12.5°	1192.6	1188.8	1178.7	1188.8	1186.2
15°	1179.9	1176.1	1167.3	1177.4	1172.4
17.5°	1164.8	1162.3	1152.2	1162.3	1157.2
20°	1148.4	1143.3	1134.5	1144.6	1142.1
22.5°	1128.2	1125.7	1116.8	1125.7	1123.1
25°	1106.7	1103.0	1095.4	1104.2	1101.7
27.5°	1082.8	1080.2	1072.7	1079.0	1079.0
30°	1055.0	1053.7	1047.4	1053.7	1052.5
32.5°	1028.5	1026.0	1019.7	1024.7	1022.2
35°	998.2	994.4	990.6	993.2	993.2
37.5°	964.1	962.9	959.1	962.9	959.1
40°	931.3	928.8	925.0	926.3	926.3
42.5°	894.7	893.5	889.7	889.7	888.4
45°	856.9	855.6	853.1	851.8	848.0
47.5°	815.2	814.0	814.0	812.7	810.2
50°	773.6	773.6	772.3	768.5	767.3
52.5°	728.2	730.7	726.9	724.4	723.1
55°	682.7	685.2	682.7	680.2	676.4
57.5°	632.2	637.3	633.5	632.2	631.0
60°	585.6	588.1	585.6	581.8	579.2
62.5°	537.6	537.6	533.8	531.3	523.7
65°	480.8	484.6	482.1	475.8	466.9
67.5°	430.3	427.8	425.3	417.7	407.6
70°	372.3	373.5	369.8	358.4	348.3
72.5°	316.8	319.3	311.7	296.6	294.0
75°	261.2	261.2	249.9	243.6	238.5
77.5°	204.4	205.7	190.6	189.3	188.0
80°	150.2	152.7	137.6	141.3	140.1
82.5°	102.2	99.7	93.4	93.4	92.1
85°	55.5	55.5	54.3	54.3	53.0
87.5°	21.5	22.7	25.2	27.8	26.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)