

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: P218565

Luminaire Tested: **4SNLED-LD5-32SL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218565
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35689)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-32SL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3498.0 lumens
Efficiency: N/A
Efficacy: 140.5 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.19 / 1.33
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

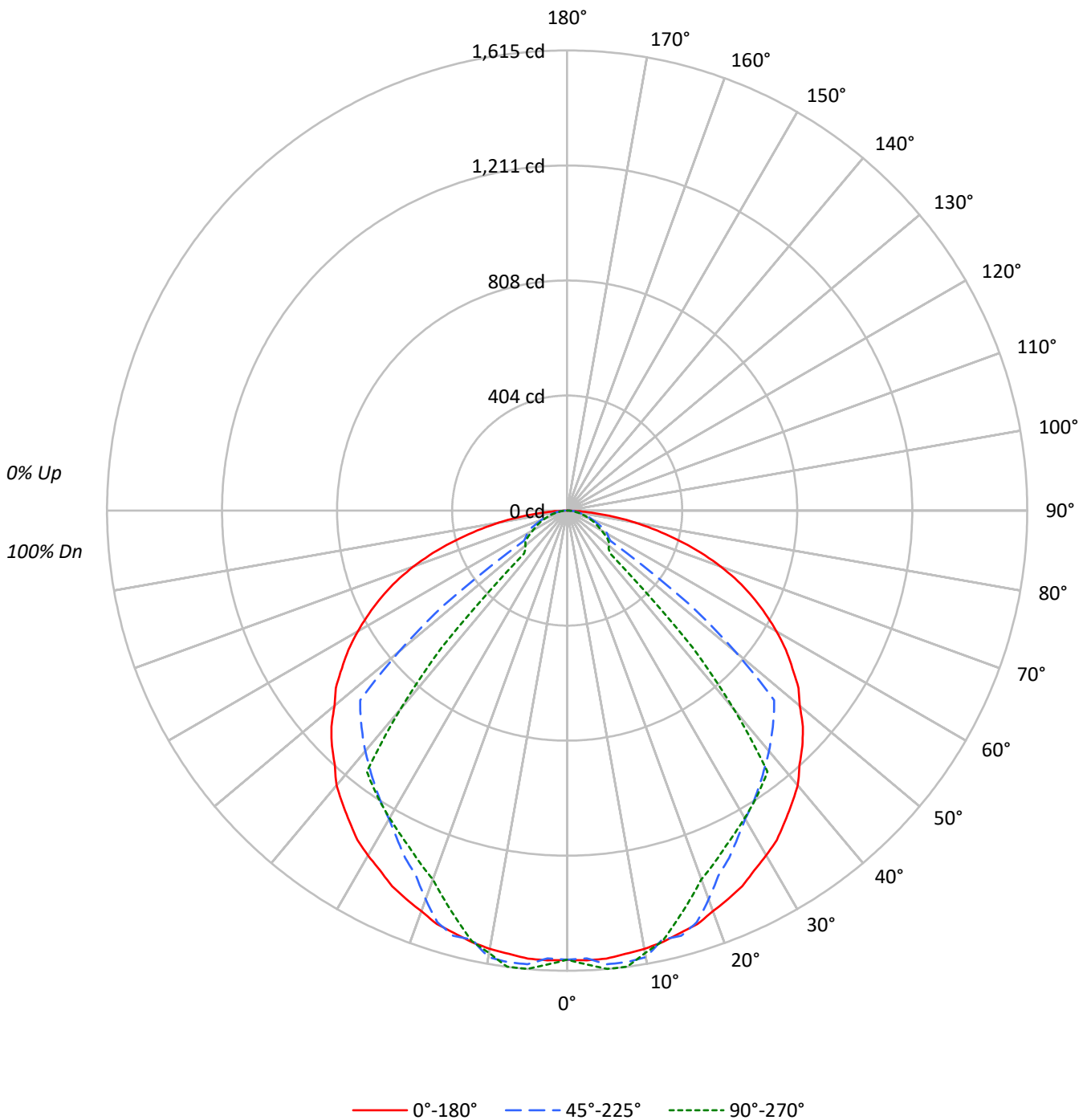
Input Watts (W): 24.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	84	77	71	91	83	76	71	80	74	70	77	72	68	75	71	67	65
4	87	76	68	62	84	74	67	61	72	66	61	70	64	60	68	63	59	57
5	80	68	60	54	78	67	60	54	65	59	53	63	57	53	62	56	52	50
6	74	62	54	48	73	61	53	48	59	53	47	58	52	47	56	51	47	45
7	69	57	49	43	68	56	48	43	54	48	42	53	47	42	52	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	40	35	59	47	40	35	46	40	35	45	39	35	44	39	34	33
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	25402	25402	25402
5°	25435	24288	24017
10°	25368	23040	21927
15°	25314	21531	19588
20°	25271	19638	17318
25°	25361	17795	15841
30°	25392	16315	14700
35°	25456	15272	13722
40°	25585	14326	10455
45°	25543	13455	2433
50°	25444	10303	2191
55°	25590	2523	2005
60°	25498	2300	1636
65°	25158	1942	1350
70°	24214	1507	1055
75°	21815	1121	768
80°	18067	753	483
85°	10739	430	217



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	4.4
10°-20°	431.4	12.3
20°-30°	635.4	18.2
30°-40°	764.7	21.9
40°-50°	655.0	18.7
50°-60°	423.8	12.1
60°-70°	281.7	8.1
70°-80°	120.2	3.4
80°-90°	33.6	1.0
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°	1218.9	34.8
0°-40°	1983.7	56.7
0°-60°	3062.5	87.6
0°-90°	3498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3498.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1576	1576	1576	1576	1576	
5°	1578	1584	1598	1616	1615	150
15°	1534	1576	1545	1512	1489	434
25°	1454	1463	1345	1316	1306	670
35°	1332	1281	1177	1186	1186	835
45°	1168	1038	1025	626	214	900
55°	965	819	184	175	173	863
65°	719	516	131	113	111	709
75°	405	95	68	60	58	429
85°	86	26	22	16	15	110
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1576.4	1576.4	1576.4	1576.4	1576.4
2.5°	1580.1	1574.6	1572.8	1592.8	1594.7
5°	1578.2	1583.7	1598.3	1616.5	1614.7
7.5°	1569.1	1587.4	1598.3	1625.7	1614.7
10°	1561.8	1594.7	1591.0	1592.8	1576.4
12.5°	1550.9	1581.9	1541.7	1569.1	1547.2
15°	1534.4	1576.4	1545.4	1512.5	1488.8
17.5°	1521.7	1565.5	1514.4	1435.9	1432.3
20°	1496.1	1519.8	1452.3	1395.8	1377.5
22.5°	1476.1	1503.4	1386.7	1348.3	1342.9
25°	1454.2	1463.3	1344.7	1315.5	1306.4
27.5°	1423.1	1441.4	1295.4	1280.8	1275.4
30°	1397.6	1397.6	1249.8	1249.8	1246.2
32.5°	1370.2	1339.2	1215.1	1217.0	1217.0
35°	1331.9	1280.8	1176.8	1186.0	1186.0
37.5°	1295.4	1209.7	1138.5	1153.1	1154.9
40°	1258.9	1154.9	1102.0	1118.4	914.1
42.5°	1207.8	1094.7	1063.7	861.2	651.4
45°	1167.7	1038.2	1025.4	625.8	213.5
47.5°	1122.1	983.4	985.3	198.9	197.1
50°	1065.5	926.9	771.8	187.9	191.6
52.5°	1023.6	875.8	543.7	182.5	184.3
55°	965.2	819.2	184.3	175.2	173.3
57.5°	910.4	766.3	171.5	162.4	155.1
60°	848.4	709.7	162.4	144.1	138.7
62.5°	784.6	653.2	149.6	127.7	124.1
65°	718.9	516.3	131.4	113.1	111.3
67.5°	649.5	339.4	111.3	100.3	98.5
70°	572.9	133.2	96.7	87.6	83.9
72.5°	492.6	114.9	82.1	74.8	71.2
75°	405.0	94.9	67.5	60.2	58.4
77.5°	322.9	71.2	54.7	47.4	45.6
80°	240.8	52.9	42.0	36.5	34.7
82.5°	164.2	38.3	31.0	25.5	23.7
85°	85.8	25.5	21.9	16.4	14.6
87.5°	32.8	16.4	12.8	7.3	7.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)