

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: P218600

Luminaire Tested: **2SNLED-LD5-30HL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218600
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: 2SNLED-LD5-30HL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 2FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2994.0 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.19 / 1.33
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 2' x H: 0.17')
CIE Type: Direct

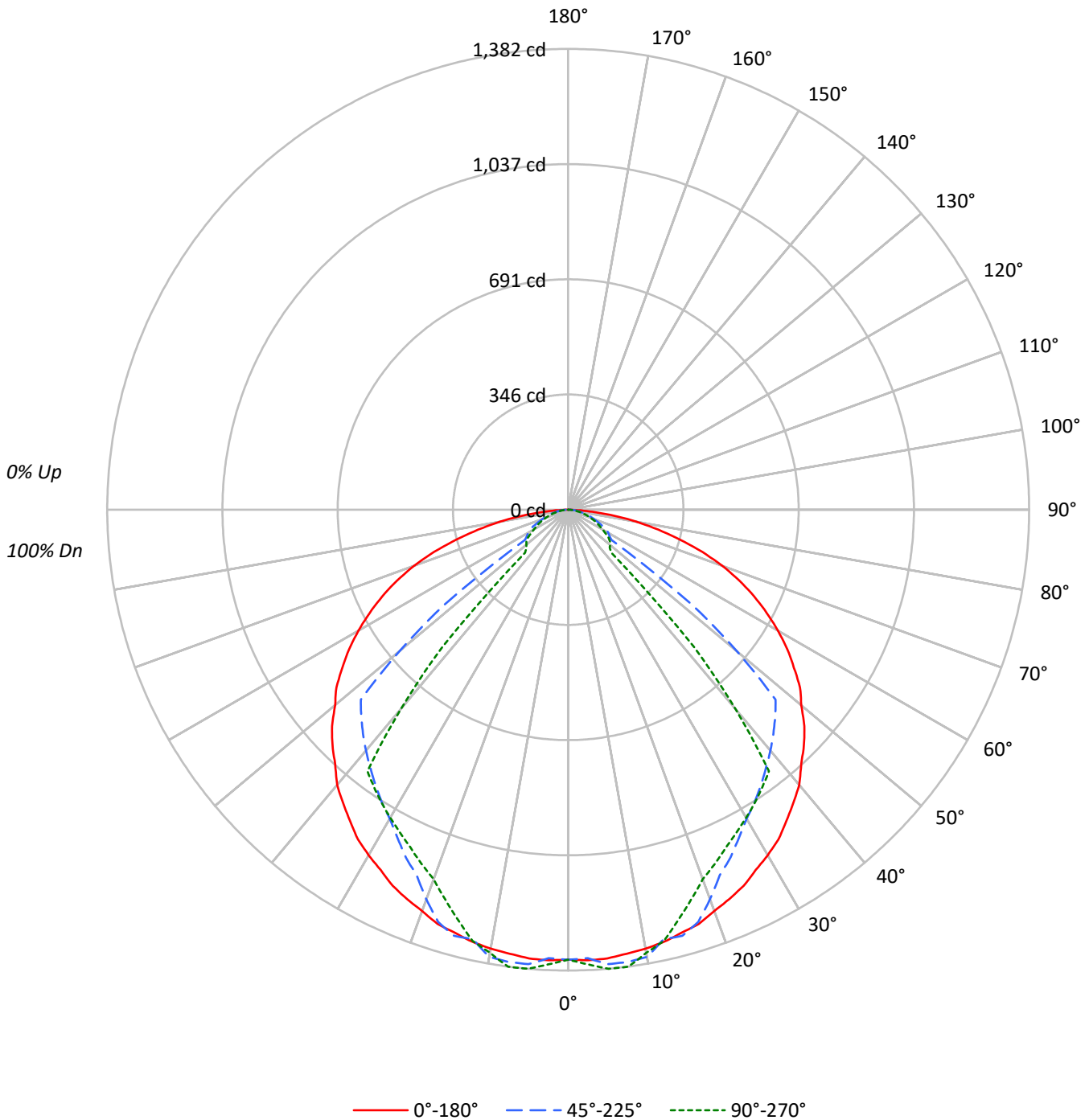
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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					100			
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87					87			
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75					75			
3	94	84	77	71	91	83	76	71	80	74	70	77	72	68	75	71	67	65					65			
4	87	76	68	62	84	74	67	61	72	66	61	70	64	60	68	63	59	57					57			
5	80	68	60	54	78	67	60	54	65	59	53	63	57	53	62	56	52	50					50			
6	74	62	54	48	73	61	53	48	59	53	47	58	52	47	56	51	47	45					45			
7	69	57	49	43	68	56	48	43	54	48	42	53	47	42	52	46	42	40					40			
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36					36			
9	61	48	40	35	59	47	40	35	46	40	35	45	39	35	44	39	34	33					33			
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30					30			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	43484	43484	43484
5°	43382	41475	41114
10°	43111	39260	37536
15°	42861	36614	33531
20°	42624	33337	29647
25°	42598	30152	27115
30°	42467	27599	25163
35°	42373	25793	23489
40°	42362	24153	17898
45°	42043	22649	4163
50°	41586	17313	3752
55°	41470	4231	3434
60°	40893	3850	2800
65°	39795	3243	2311
70°	37586	2513	1805
75°	32913	1865	1316
80°	25958	1247	826
85°	13887	709	372



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.2	4.4
10°-20°	369.2	12.3
20°-30°	543.8	18.2
30°-40°	654.6	21.9
40°-50°	560.6	18.7
50°-60°	362.8	12.1
60°-70°	241.1	8.1
70°-80°	102.9	3.4
80°-90°	28.8	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°	1043.3	34.8
0°-40°	1697.9	56.7
0°-60°	2621.3	87.6
0°-90°	2994.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2994.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1349	1349	1349	1349	1349	
5°	1351	1356	1368	1384	1382	128
15°	1313	1349	1323	1295	1274	371
25°	1245	1252	1151	1126	1118	573
35°	1140	1096	1007	1015	1015	714
45°	1000	889	878	536	183	771
55°	826	701	158	150	148	739
65°	615	442	112	97	95	607
75°	347	81	58	52	50	367
85°	73	22	19	14	12	94
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1349.3	1349.3	1349.3	1349.3	1349.3
2.5°	1352.4	1347.7	1346.2	1363.3	1364.9
5°	1350.8	1355.5	1368.0	1383.6	1382.1
7.5°	1343.0	1358.6	1368.0	1391.4	1382.1
10°	1336.8	1364.9	1361.8	1363.3	1349.3
12.5°	1327.4	1354.0	1319.6	1343.0	1324.3
15°	1313.4	1349.3	1322.7	1294.6	1274.3
17.5°	1302.4	1339.9	1296.2	1229.0	1225.9
20°	1280.6	1300.9	1243.1	1194.7	1179.1
22.5°	1263.4	1286.8	1186.9	1154.1	1149.4
25°	1244.6	1252.5	1150.9	1126.0	1118.1
27.5°	1218.1	1233.7	1108.8	1096.3	1091.6
30°	1196.2	1196.2	1069.7	1069.7	1066.6
32.5°	1172.8	1146.3	1040.1	1041.6	1041.6
35°	1140.0	1096.3	1007.3	1015.1	1015.1
37.5°	1108.8	1035.4	974.5	987.0	988.5
40°	1077.5	988.5	943.2	957.3	782.4
42.5°	1033.8	937.0	910.4	737.1	557.5
45°	999.5	888.6	877.7	535.6	182.7
47.5°	960.4	841.7	843.3	170.2	168.7
50°	912.0	793.3	660.6	160.9	164.0
52.5°	876.1	749.6	465.4	156.2	157.7
55°	826.1	701.2	157.7	149.9	148.4
57.5°	779.3	655.9	146.8	139.0	132.7
60°	726.2	607.5	139.0	123.4	118.7
62.5°	671.5	559.1	128.1	109.3	106.2
65°	615.3	441.9	112.4	96.8	95.3
67.5°	556.0	290.5	95.3	85.9	84.3
70°	490.4	114.0	82.8	75.0	71.8
72.5°	421.6	98.4	70.3	64.0	60.9
75°	346.7	81.2	57.8	51.5	50.0
77.5°	276.4	60.9	46.8	40.6	39.0
80°	206.1	45.3	35.9	31.2	29.7
82.5°	140.5	32.8	26.5	21.9	20.3
85°	73.4	21.9	18.7	14.1	12.5
87.5°	28.1	14.1	10.9	6.2	6.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)