

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: P218557

Luminaire Tested: **4SNLED-LD5-25SL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218557
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-LD5-25SL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2771.0 lumens
Efficiency: N/A
Efficacy: 143.6 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

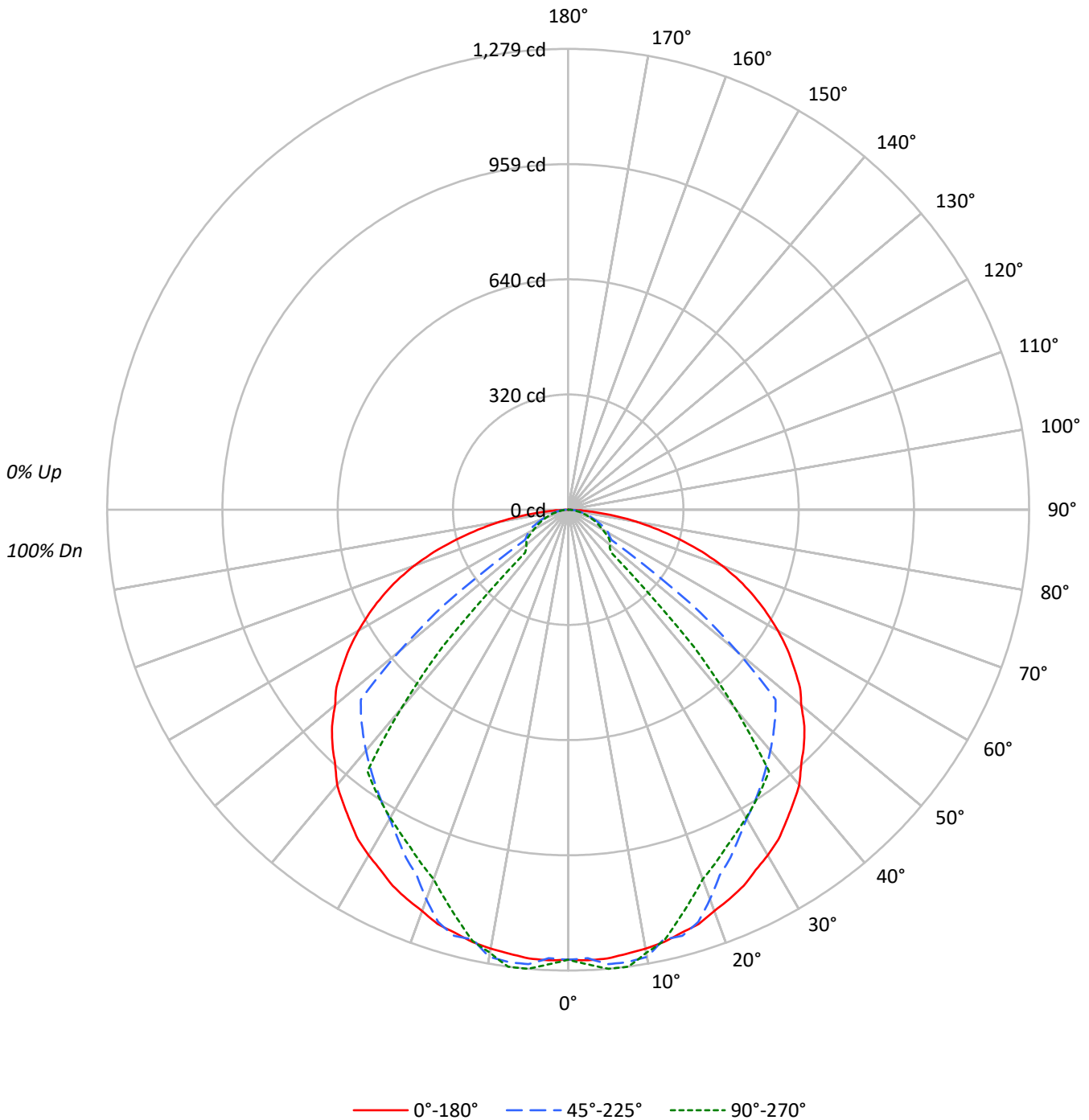
Input Watts (W): 19.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	20123	20123	20123
5°	20149	19239	19025
10°	20095	18251	17370
15°	20053	17056	15517
20°	20019	15557	13719
25°	20089	14097	12548
30°	20114	12925	11645
35°	20165	12098	10870
40°	20268	11349	8282
45°	20234	10659	1927
50°	20157	8162	1736
55°	20271	1999	1589
60°	20199	1821	1295
65°	19930	1539	1069
70°	19180	1193	836
75°	17285	888	609
80°	14316	595	383
85°	8498	340	173



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.5	4.4
10°-20°	341.7	12.3
20°-30°	503.3	18.2
30°-40°	605.8	21.9
40°-50°	518.9	18.7
50°-60°	335.7	12.1
60°-70°	223.2	8.1
70°-80°	95.2	3.4
80°-90°	26.6	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°	965.6	34.8
0°-40°	1571.4	56.7
0°-60°	2426.0	87.5
0°-90°	2771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2771.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1249	1249	1249	1249	1249	
5°	1250	1255	1266	1281	1279	119
15°	1216	1249	1224	1198	1179	344
25°	1152	1159	1065	1042	1035	531
35°	1055	1015	932	940	940	661
45°	925	822	812	496	169	713
55°	765	649	146	139	137	684
65°	570	409	104	90	88	562
75°	321	75	54	48	46	340
85°	68	20	17	13	12	87
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1248.8	1248.8	1248.8	1248.8	1248.8
2.5°	1251.7	1247.3	1245.9	1261.8	1263.2
5°	1250.2	1254.6	1266.1	1280.6	1279.1
7.5°	1243.0	1257.4	1266.1	1287.8	1279.1
10°	1237.2	1263.2	1260.3	1261.8	1248.8
12.5°	1228.5	1253.1	1221.3	1243.0	1225.7
15°	1215.5	1248.8	1224.2	1198.2	1179.4
17.5°	1205.4	1240.1	1199.6	1137.5	1134.6
20°	1185.2	1204.0	1150.5	1105.7	1091.2
22.5°	1169.3	1191.0	1098.5	1068.1	1063.8
25°	1151.9	1159.2	1065.2	1042.1	1034.9
27.5°	1127.4	1141.8	1026.2	1014.6	1010.3
30°	1107.1	1107.1	990.1	990.1	987.2
32.5°	1085.5	1060.9	962.6	964.0	964.0
35°	1055.1	1014.6	932.2	939.5	939.5
37.5°	1026.2	958.3	901.9	913.5	914.9
40°	997.3	914.9	873.0	886.0	724.1
42.5°	956.8	867.2	842.6	682.2	516.0
45°	925.0	822.4	812.3	495.8	169.1
47.5°	888.9	779.0	780.5	157.5	156.1
50°	844.1	734.2	611.4	148.9	151.8
52.5°	810.8	693.8	430.7	144.5	146.0
55°	764.6	649.0	146.0	138.8	137.3
57.5°	721.2	607.0	135.9	128.6	122.9
60°	672.1	562.2	128.6	114.2	109.8
62.5°	621.5	517.4	118.5	101.2	98.3
65°	569.5	409.0	104.1	89.6	88.2
67.5°	514.5	268.8	88.2	79.5	78.0
70°	453.8	105.5	76.6	69.4	66.5
72.5°	390.2	91.1	65.0	59.3	56.4
75°	320.9	75.2	53.5	47.7	46.3
77.5°	255.8	56.4	43.4	37.6	36.1
80°	190.8	41.9	33.2	28.9	27.5
82.5°	130.1	30.4	24.6	20.2	18.8
85°	67.9	20.2	17.3	13.0	11.6
87.5°	26.0	13.0	10.1	5.8	5.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)