

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: P217944

Luminaire Tested: **4SNLED-LD5-28SL-UNV-L835-CD1-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P217944  
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-LD5-28SL-UNV-L835-CD1-U  
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2891.0 lumens  
Efficiency: N/A  
Efficacy: 149.8 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

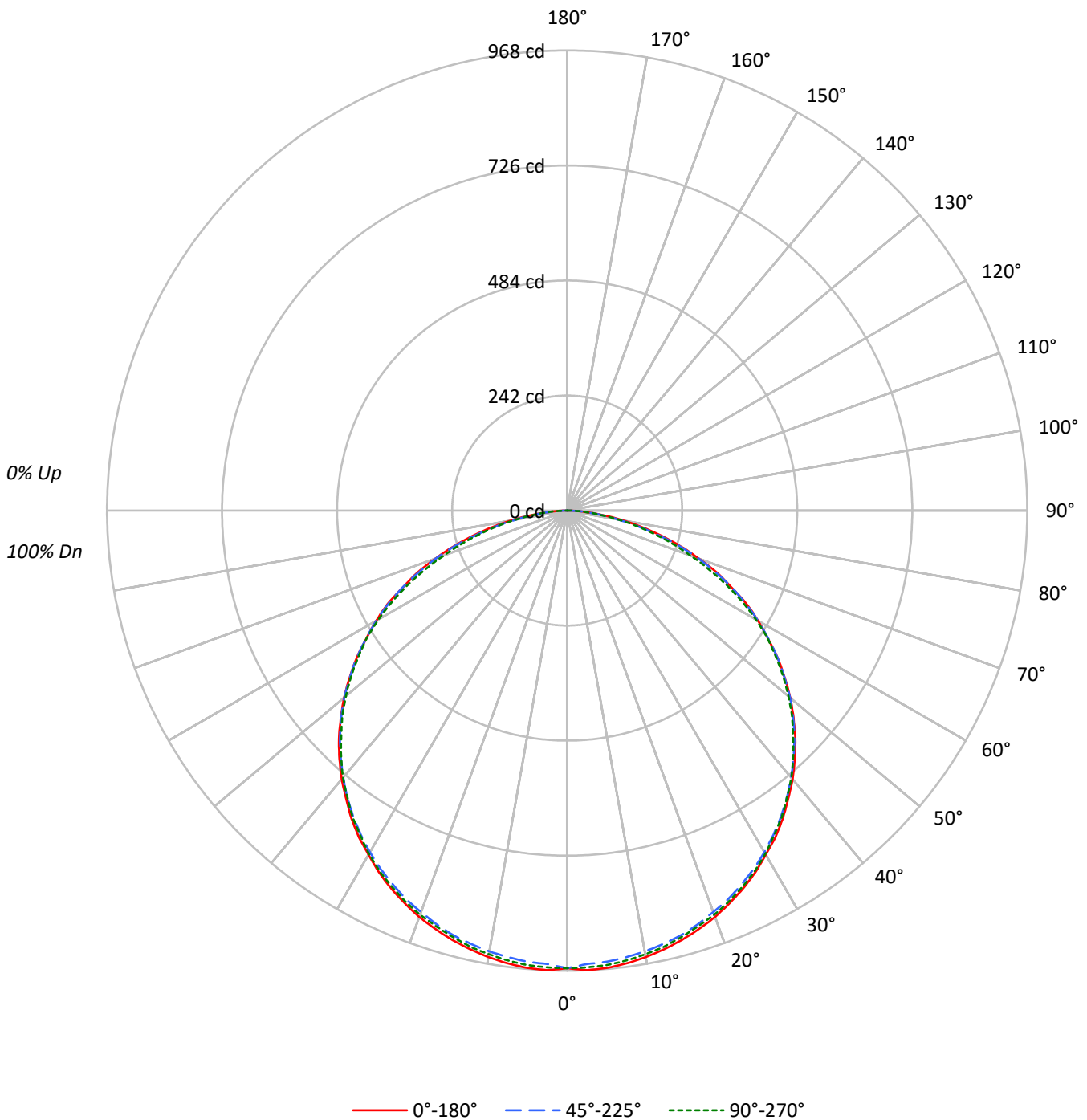
Input Watts (W): 19.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	15514	15514	15514
5°	15565	14479	14276
10°	15492	13638	13184
15°	15422	12884	12220
20°	15368	12154	11375
25°	15291	11484	10583
30°	15185	10833	9836
35°	15116	10186	9104
40°	14996	9527	8394
45°	14851	8869	7656
50°	14636	8168	6953
55°	14341	7405	6200
60°	13942	6569	5413
65°	13330	5644	4485
70°	12464	4564	3469
75°	11150	3288	2487
80°	8929	1954	1544
85°	5507	844	625



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.2	3.2
10°-20°	262.7	9.1
20°-30°	402.4	13.9
30°-40°	492.6	17.0
40°-50°	521.3	18.0
50°-60°	482.1	16.7
60°-70°	374.4	12.9
70°-80°	210.9	7.3
80°-90°	53.3	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°	756.4	26.2
0°-40°	1249.0	43.2
0°-60°	2252.4	77.9
0°-90°	2891.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2891.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	963	963	963	963	963	
5°	966	962	953	962	960	92
15°	935	932	925	933	929	264
25°	877	874	868	875	873	404
35°	791	788	785	787	787	495
45°	679	678	676	675	672	523
55°	541	543	541	539	536	483
65°	381	384	382	377	370	378
75°	207	207	198	193	189	218
85°	44	44	43	43	42	55
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	962.8	962.8	962.8	962.8	962.8
2.5°	967.8	963.8	954.8	963.8	961.8
5°	965.8	961.8	952.8	961.8	959.8
7.5°	960.8	957.8	947.8	956.8	954.8
10°	953.8	950.8	941.8	950.8	947.8
12.5°	944.8	941.8	933.8	941.8	939.8
15°	934.8	931.8	924.8	932.8	928.8
17.5°	922.8	920.8	912.8	920.8	916.8
20°	909.8	905.8	898.8	906.8	904.8
22.5°	893.8	891.8	884.8	891.8	889.8
25°	876.8	873.8	867.8	874.8	872.8
27.5°	857.8	855.8	849.8	854.8	854.8
30°	835.8	834.8	829.8	834.8	833.8
32.5°	814.9	812.9	807.9	811.9	809.9
35°	790.9	787.9	784.9	786.9	786.9
37.5°	763.9	762.9	759.9	762.9	759.9
40°	737.9	735.9	732.9	733.9	733.9
42.5°	708.9	707.9	704.9	704.9	703.9
45°	678.9	677.9	675.9	674.9	671.9
47.5°	645.9	644.9	644.9	643.9	641.9
50°	612.9	612.9	611.9	608.9	607.9
52.5°	576.9	578.9	575.9	573.9	572.9
55°	540.9	542.9	540.9	538.9	535.9
57.5°	500.9	504.9	501.9	500.9	499.9
60°	463.9	465.9	463.9	460.9	458.9
62.5°	425.9	425.9	422.9	420.9	414.9
65°	380.9	383.9	381.9	376.9	369.9
67.5°	340.9	338.9	336.9	330.9	322.9
70°	294.9	295.9	292.9	283.9	275.9
72.5°	251.0	253.0	247.0	235.0	233.0
75°	207.0	207.0	198.0	193.0	189.0
77.5°	162.0	163.0	151.0	150.0	149.0
80°	119.0	121.0	109.0	112.0	111.0
82.5°	81.0	79.0	74.0	74.0	73.0
85°	44.0	44.0	43.0	43.0	42.0
87.5°	17.0	18.0	20.0	22.0	21.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)