

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: P#

Luminaire Tested: **8SNLED-LD5-128SL-UNV-L935-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-128SL-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

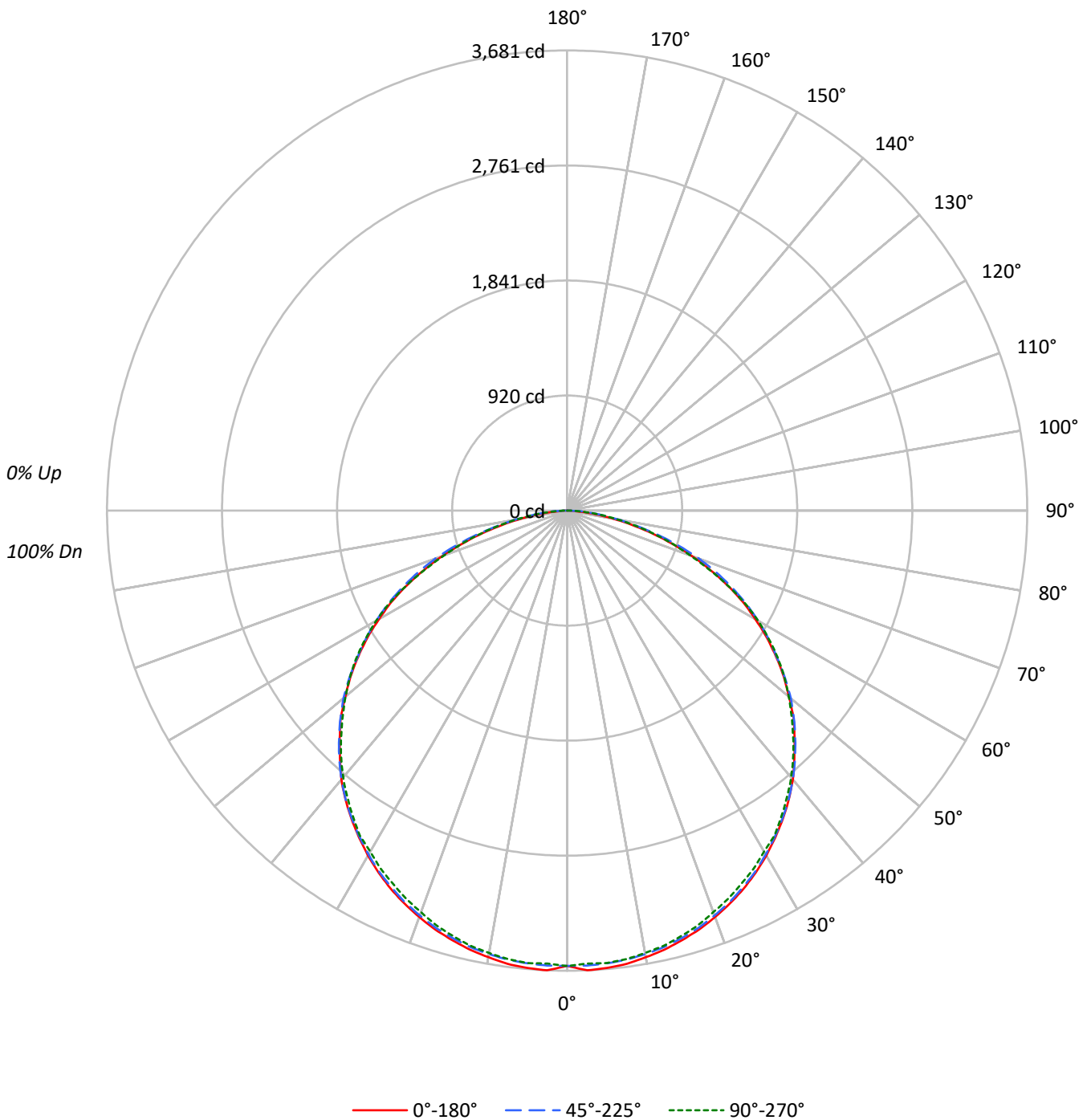
Lumens per Lamp: N/A
Luminaire Lumens: 10927.0 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 103
Input Voltage (V): NR
Input Current (Ain): 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	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	14718	14718	14718
5°	14871	14396	14268
10°	14844	14093	13828
15°	14817	13789	13395
20°	14796	13463	12934
25°	14777	13135	12502
30°	14732	12782	12078
35°	14685	12415	11670
40°	14627	12021	11182
45°	14477	11552	10623
50°	14297	11040	10054
55°	14072	10351	9441
60°	13679	9649	8638
65°	13088	8732	7513
70°	12030	7521	6092
75°	10355	5756	4682
80°	7930	3806	3070
85°	4362	1864	1370



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.7	3.2
10°-20°	997.0	9.1
20°-30°	1526.2	14.0
30°-40°	1869.9	17.1
40°-50°	1977.8	18.1
50°-60°	1825.6	16.7
60°-70°	1409.1	12.9
70°-80°	782.1	7.2
80°-90°	193.7	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°	2868.9	26.3
0°-40°	4738.8	43.4
0°-60°	8542.1	78.2
0°-90°	10927.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10927.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3642	3642	3642	3642	3642	
5°	3672	3624	3635	3626	3633	349
15°	3557	3515	3541	3528	3524	1005
25°	3339	3299	3326	3297	3295	1539
35°	3010	2977	3004	2972	2988	1883
45°	2573	2550	2580	2553	2557	1986
55°	2042	2026	2050	2048	2059	1823
65°	1415	1400	1455	1446	1418	1395
75°	702	744	749	747	720	745
85°	111	164	167	169	156	149
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3642.5	3642.5	3642.5	3642.5	3642.5
2.5°	3680.7	3633.4	3642.5	3637.1	3626.2
5°	3671.6	3624.4	3635.3	3626.2	3633.4
7.5°	3657.1	3606.2	3624.4	3611.6	3618.9
10°	3628.0	3584.3	3602.5	3588.0	3593.4
12.5°	3597.1	3551.6	3577.1	3558.9	3566.2
15°	3557.1	3515.2	3540.7	3528.0	3524.3
17.5°	3513.4	3473.4	3498.9	3484.3	3478.9
20°	3460.7	3422.5	3446.1	3424.3	3418.9
22.5°	3402.5	3364.3	3391.6	3360.7	3362.5
25°	3338.8	3298.8	3326.1	3297.0	3295.2
27.5°	3266.1	3227.9	3257.0	3226.1	3229.7
30°	3186.1	3147.9	3177.0	3146.1	3149.7
32.5°	3098.8	3067.9	3093.3	3064.2	3084.2
35°	3009.7	2977.0	3004.2	2971.5	2987.9
37.5°	2913.3	2882.4	2911.5	2875.1	2889.7
40°	2809.6	2782.4	2807.8	2775.1	2787.8
42.5°	2689.6	2673.3	2698.7	2666.0	2676.9
45°	2573.2	2549.6	2580.5	2553.2	2556.9
47.5°	2456.9	2431.4	2460.5	2436.8	2435.0
50°	2316.8	2307.7	2335.0	2316.8	2315.0
52.5°	2184.1	2165.9	2195.0	2185.9	2191.3
55°	2042.2	2025.9	2049.5	2047.7	2058.6
57.5°	1894.9	1878.6	1909.5	1905.8	1914.9
60°	1738.5	1725.8	1765.8	1756.7	1764.0
62.5°	1585.8	1562.1	1613.0	1605.8	1602.1
65°	1414.8	1400.3	1454.8	1445.7	1418.5
67.5°	1238.4	1233.0	1289.3	1271.2	1225.7
70°	1062.0	1065.7	1120.2	1085.7	1047.5
72.5°	876.5	903.8	936.5	911.1	883.8
75°	702.0	743.8	749.2	747.4	720.1
77.5°	531.0	583.8	571.0	583.8	561.9
80°	371.0	429.2	420.1	431.0	412.8
82.5°	229.1	281.9	283.7	291.0	274.6
85°	110.9	163.7	167.3	169.1	156.4
87.5°	23.6	76.4	78.2	72.7	63.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)