

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-L930-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-L930-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

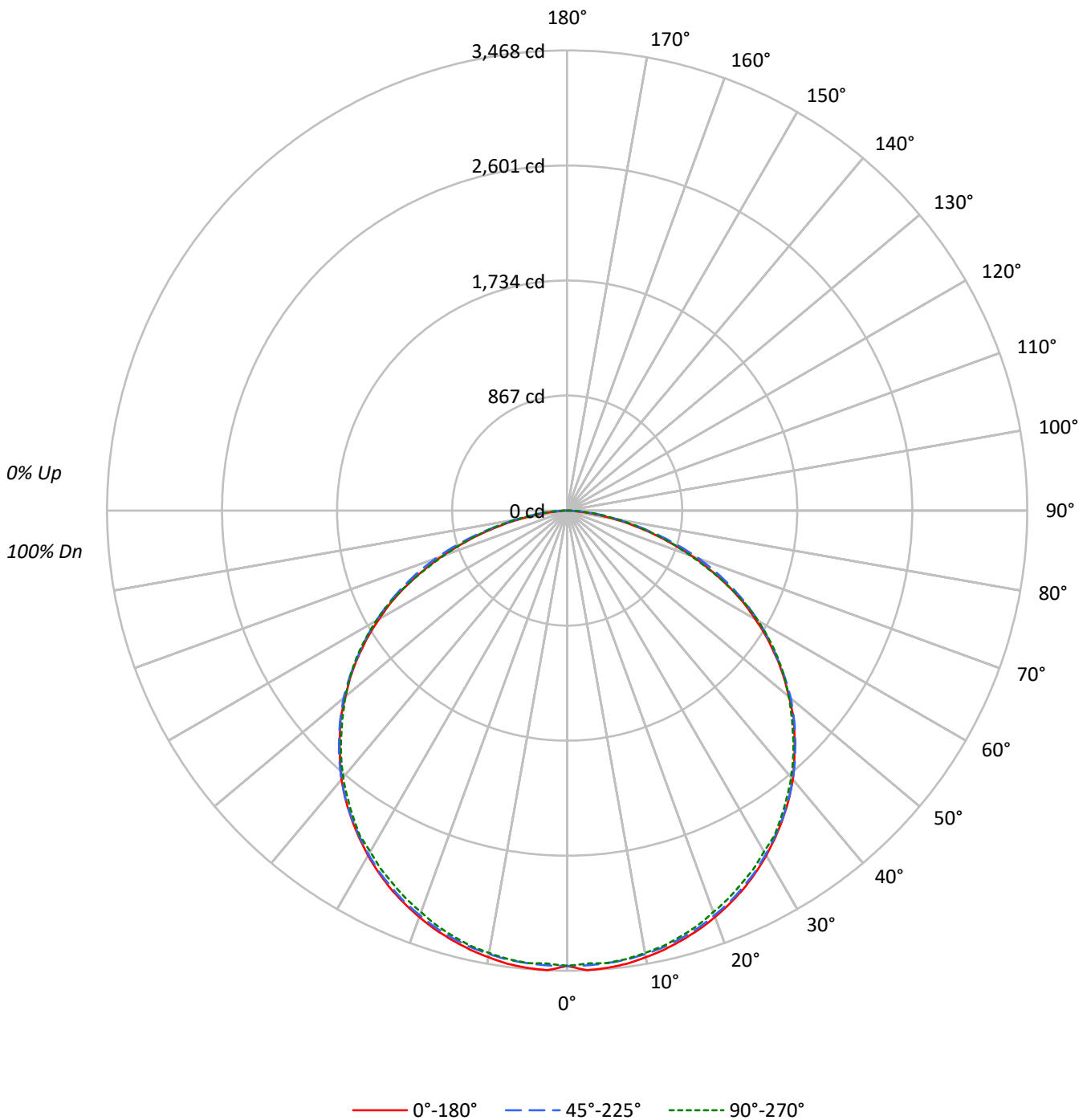
Lumens per Lamp: N/A
Luminaire Lumens: 10294.0 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

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°	13865	13865	13865
5°	14010	13562	13442
10°	13984	13277	13027
15°	13959	12991	12619
20°	13939	12683	12184
25°	13921	12374	11778
30°	13879	12042	11378
35°	13834	11696	10994
40°	13780	11325	10534
45°	13639	10882	10008
50°	13469	10400	9472
55°	13257	9751	8893
60°	12886	9090	8138
65°	12330	8226	7078
70°	11333	7085	5739
75°	9755	5423	4411
80°	7470	3585	2892
85°	4110	1756	1291



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.7	3.2
10°-20°	939.2	9.1
20°-30°	1437.7	14.0
30°-40°	1761.5	17.1
40°-50°	1863.2	18.1
50°-60°	1719.8	16.7
60°-70°	1327.4	12.9
70°-80°	736.8	7.2
80°-90°	182.5	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°	2702.7	26.3
0°-40°	4464.2	43.4
0°-60°	8047.3	78.2
0°-90°	10294.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10294.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3432	3432	3432	3432	3432	
5°	3459	3414	3425	3416	3423	329
15°	3351	3312	3336	3324	3320	947
25°	3145	3108	3133	3106	3104	1450
35°	2835	2804	2830	2799	2815	1774
45°	2424	2402	2431	2405	2409	1871
55°	1924	1908	1931	1929	1939	1717
65°	1333	1319	1371	1362	1336	1314
75°	661	701	706	704	678	702
85°	104	154	158	159	147	141
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3431.5	3431.5	3431.5	3431.5	3431.5
2.5°	3467.5	3423.0	3431.5	3426.4	3416.1
5°	3458.9	3414.4	3424.7	3416.1	3423.0
7.5°	3445.2	3397.3	3414.4	3402.4	3409.3
10°	3417.8	3376.7	3393.8	3380.1	3385.3
12.5°	3388.7	3345.9	3369.9	3352.7	3359.6
15°	3351.0	3311.6	3335.6	3323.6	3320.2
17.5°	3309.9	3272.2	3296.2	3282.5	3277.3
20°	3260.2	3224.2	3246.5	3225.9	3220.8
22.5°	3205.4	3169.4	3195.1	3166.0	3167.7
25°	3145.4	3107.7	3133.4	3106.0	3104.3
27.5°	3076.9	3040.9	3068.3	3039.2	3042.6
30°	3001.5	2965.5	2993.0	2963.8	2967.3
32.5°	2919.3	2890.2	2914.1	2886.7	2905.6
35°	2835.3	2804.5	2830.2	2799.4	2814.8
37.5°	2744.5	2715.4	2742.8	2708.6	2722.3
40°	2646.9	2621.2	2645.2	2614.3	2626.3
42.5°	2533.8	2518.4	2542.4	2511.5	2521.8
45°	2424.2	2401.9	2431.0	2405.3	2408.8
47.5°	2314.5	2290.5	2318.0	2295.7	2294.0
50°	2182.6	2174.0	2199.7	2182.6	2180.9
52.5°	2057.5	2040.4	2067.8	2059.3	2064.4
55°	1923.9	1908.5	1930.8	1929.1	1939.3
57.5°	1785.1	1769.7	1798.9	1795.4	1804.0
60°	1637.8	1625.8	1663.5	1654.9	1661.8
62.5°	1493.9	1471.6	1519.6	1512.8	1509.3
65°	1332.9	1319.2	1370.6	1362.0	1336.3
67.5°	1166.7	1161.5	1214.7	1197.5	1154.7
70°	1000.5	1003.9	1055.3	1022.8	986.8
72.5°	825.8	851.5	882.3	858.3	832.6
75°	661.3	700.7	705.8	704.1	678.4
77.5°	500.3	549.9	537.9	549.9	529.4
80°	349.5	404.3	395.7	406.0	388.9
82.5°	215.9	265.5	267.3	274.1	258.7
85°	104.5	154.2	157.6	159.3	147.3
87.5°	22.3	72.0	73.7	68.5	60.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)