

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-LD5-136SL-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-LD5-136SL-UNV-L930-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

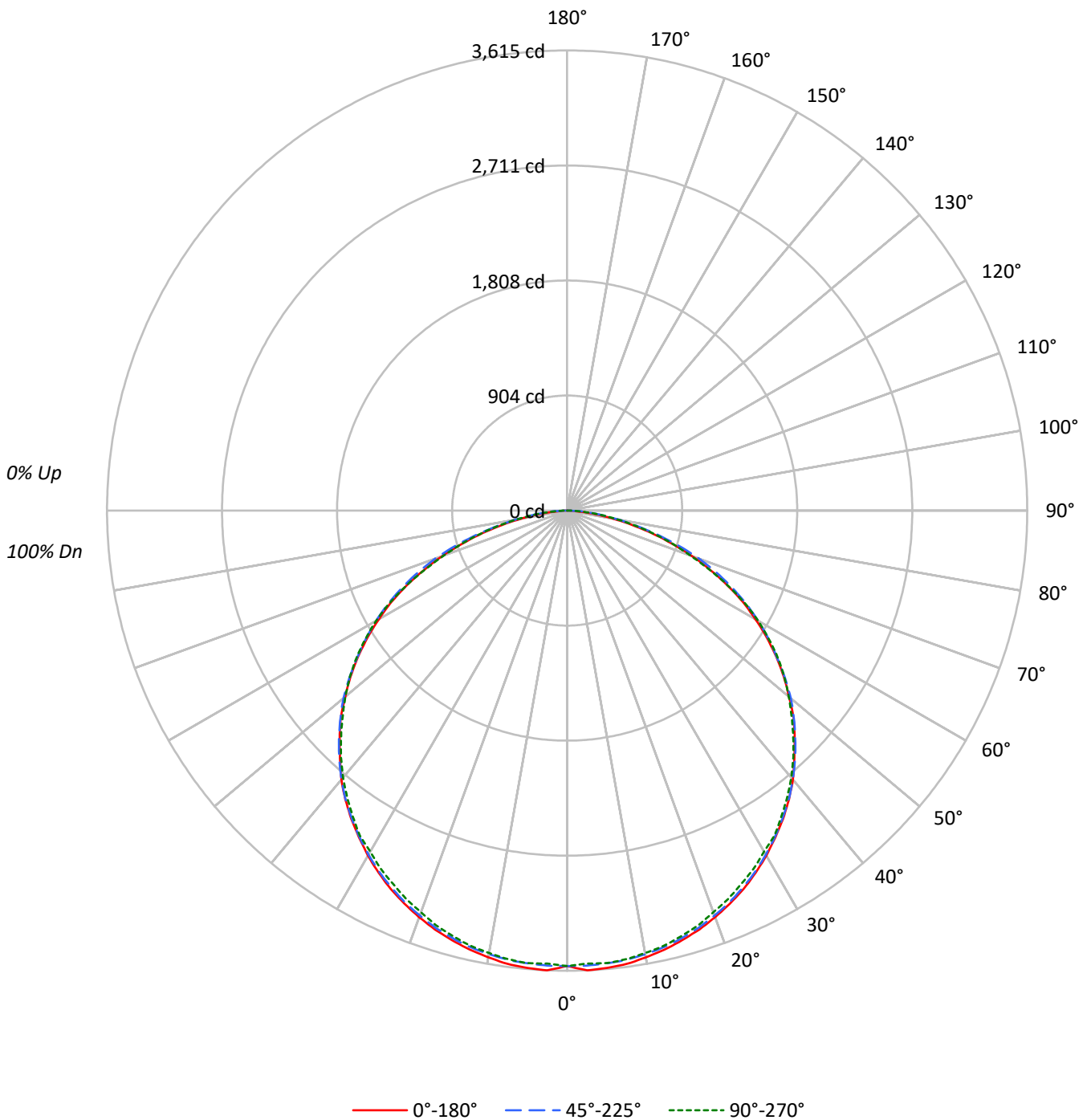
Lumens per Lamp: N/A
Luminaire Lumens: 10733.0 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 110
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°	14457	14457	14457
5°	14608	14141	14015
10°	14581	13843	13582
15°	14554	13544	13157
20°	14533	13224	12704
25°	14515	12902	12280
30°	14470	12555	11863
35°	14424	12195	11463
40°	14368	11808	10984
45°	14221	11347	10434
50°	14043	10844	9876
55°	13823	10167	9273
60°	13436	9478	8485
65°	12856	8577	7380
70°	11817	7387	5984
75°	10171	5654	4600
80°	7789	3739	3016
85°	4287	1831	1346



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	339.6	3.2
10°-20°	979.3	9.1
20°-30°	1499.1	14.0
30°-40°	1836.7	17.1
40°-50°	1942.7	18.1
50°-60°	1793.2	16.7
60°-70°	1384.0	12.9
70°-80°	768.2	7.2
80°-90°	190.3	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°	2818.0	26.3
0°-40°	4654.6	43.4
0°-60°	8390.5	78.2
0°-90°	10733.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10733.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3578	3578	3578	3578	3578	
5°	3606	3560	3571	3562	3569	343
15°	3494	3453	3478	3465	3462	987
25°	3280	3240	3267	3238	3237	1512
35°	2956	2924	2951	2919	2935	1850
45°	2528	2504	2535	2508	2512	1951
55°	2006	1990	2013	2011	2022	1790
65°	1390	1375	1429	1420	1393	1370
75°	690	731	736	734	707	732
85°	109	161	164	166	154	147
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3577.9	3577.9	3577.9	3577.9	3577.9
2.5°	3615.4	3568.9	3577.9	3572.5	3561.8
5°	3606.5	3560.0	3570.7	3561.8	3568.9
7.5°	3592.2	3542.1	3560.0	3547.5	3554.7
10°	3563.6	3520.7	3538.6	3524.3	3529.6
12.5°	3533.2	3488.6	3513.6	3495.7	3502.8
15°	3493.9	3452.8	3477.8	3465.3	3461.8
17.5°	3451.0	3411.8	3436.8	3422.5	3417.1
20°	3399.2	3361.7	3385.0	3363.5	3358.2
22.5°	3342.1	3304.6	3331.4	3301.0	3302.8
25°	3279.6	3240.3	3267.1	3238.5	3236.7
27.5°	3208.1	3170.6	3199.2	3168.8	3172.4
30°	3129.5	3092.0	3120.6	3090.2	3093.8
32.5°	3043.8	3013.4	3038.4	3009.8	3029.5
35°	2956.3	2924.1	2950.9	2918.7	2934.8
37.5°	2861.6	2831.2	2859.8	2824.1	2838.4
40°	2759.8	2733.0	2758.0	2725.8	2738.3
42.5°	2641.9	2625.8	2650.8	2618.7	2629.4
45°	2527.6	2504.3	2534.7	2507.9	2511.5
47.5°	2413.2	2388.2	2416.8	2393.6	2391.8
50°	2275.7	2266.8	2293.6	2275.7	2273.9
52.5°	2145.3	2127.4	2156.0	2147.1	2152.4
55°	2006.0	1989.9	2013.1	2011.3	2022.0
57.5°	1861.3	1845.2	1875.6	1872.0	1880.9
60°	1707.7	1695.2	1734.5	1725.5	1732.7
62.5°	1557.6	1534.4	1584.4	1577.3	1573.7
65°	1389.7	1375.4	1429.0	1420.1	1393.3
67.5°	1216.4	1211.1	1266.5	1248.6	1203.9
70°	1043.2	1046.7	1100.3	1066.4	1028.9
72.5°	861.0	887.8	919.9	894.9	868.1
75°	689.5	730.6	735.9	734.2	707.4
77.5°	521.6	573.4	560.9	573.4	552.0
80°	364.4	421.6	412.6	423.3	405.5
82.5°	225.1	276.9	278.7	285.8	269.7
85°	109.0	160.8	164.3	166.1	153.6
87.5°	23.2	75.0	76.8	71.5	62.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)