

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-LD5-130HL-UNV-L950-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-LD5-130HL-UNV-L950-CD1-U  
Description: 8FT LINEAR SNLED LED FIXTURE  
OPEN LED STIP  
Light Source: -  
Ballast/Driver: -

**Summary**

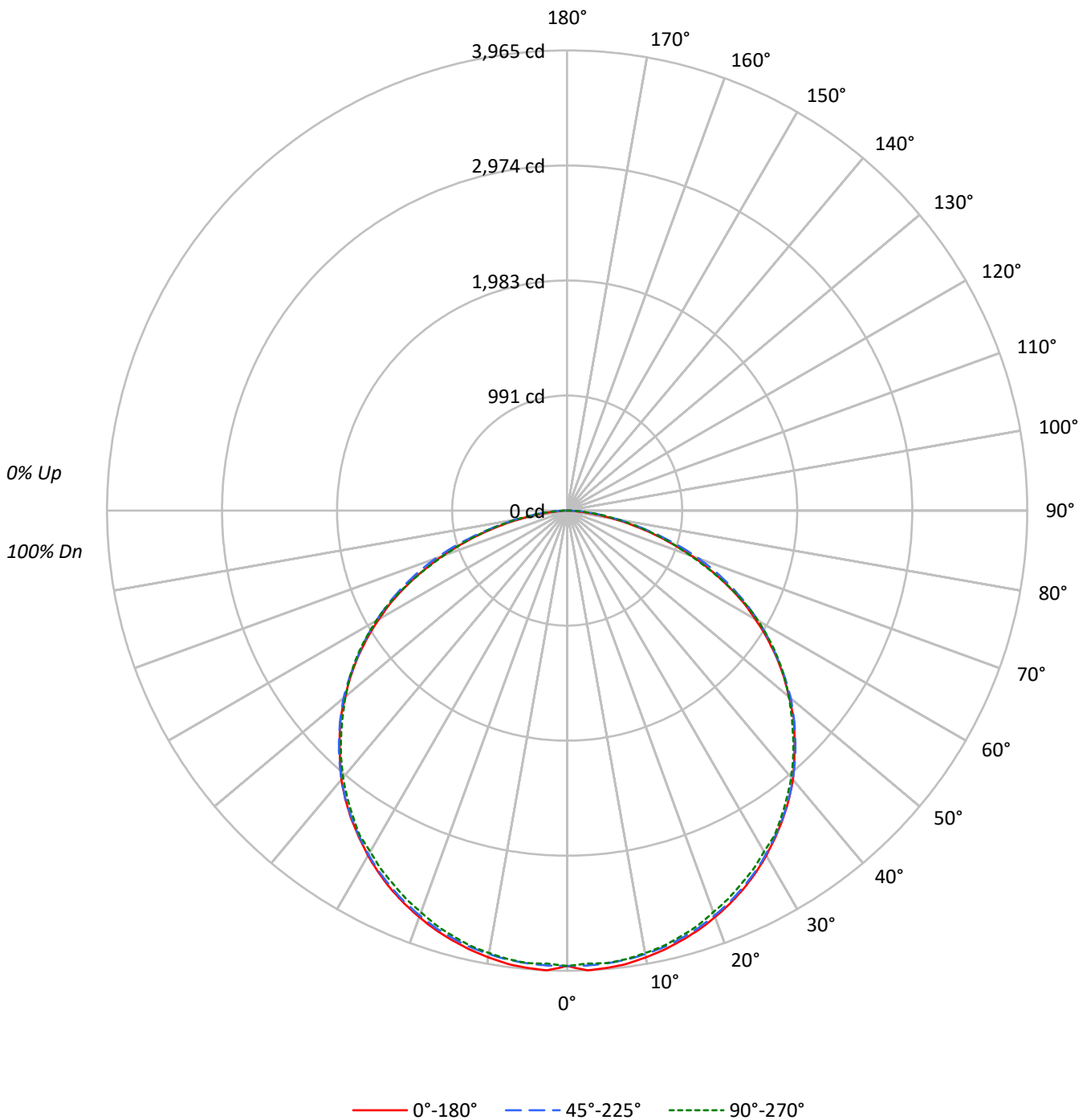
Lumens per Lamp: N/A  
Luminaire Lumens: 11771.0 lumens  
Efficiency: N/A  
Efficacy: 136.9 lumens/watt  
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 86  
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	15855	15855	15855
5°	16020	15508	15371
10°	15991	15182	14896
15°	15962	14855	14430
20°	15939	14503	13932
25°	15919	14150	13468
30°	15870	13770	13011
35°	15819	13374	12572
40°	15758	12950	12046
45°	15596	12444	11443
50°	15402	11893	10831
55°	15159	11150	10170
60°	14735	10394	9305
65°	14099	9406	8093
70°	12960	8101	6562
75°	11155	6201	5044
80°	8541	4100	3307
85°	4700	2008	1477



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	372.4	3.2
10°-20°	1074.0	9.1
20°-30°	1644.0	14.0
30°-40°	2014.3	17.1
40°-50°	2130.5	18.1
50°-60°	1966.6	16.7
60°-70°	1517.9	12.9
70°-80°	842.5	7.2
80°-90°	208.7	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°	3090.5	26.3
0°-40°	5104.8	43.4
0°-60°	9201.9	78.2
0°-90°	11771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11771.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3924	3924	3924	3924	3924	
5°	3955	3904	3916	3906	3914	376
15°	3832	3787	3814	3800	3797	1082
25°	3597	3554	3583	3552	3550	1658
35°	3242	3207	3236	3201	3219	2029
45°	2772	2746	2780	2750	2754	2139
55°	2200	2182	2208	2206	2218	1964
65°	1524	1508	1567	1557	1528	1503
75°	756	801	807	805	776	802
85°	120	176	180	182	168	161
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3923.9	3923.9	3923.9	3923.9	3923.9
2.5°	3965.0	3914.1	3923.9	3918.0	3906.3
5°	3955.2	3904.3	3916.1	3906.3	3914.1
7.5°	3939.6	3884.7	3904.3	3890.6	3898.4
10°	3908.2	3861.2	3880.8	3865.1	3871.0
12.5°	3874.9	3825.9	3853.4	3833.8	3841.6
15°	3831.8	3786.8	3814.2	3800.5	3796.6
17.5°	3784.8	3741.7	3769.1	3753.5	3747.6
20°	3728.0	3686.9	3712.3	3688.8	3682.9
22.5°	3665.3	3624.2	3653.5	3620.2	3622.2
25°	3596.7	3553.6	3583.0	3551.7	3549.7
27.5°	3518.4	3477.2	3508.6	3475.3	3479.2
30°	3432.2	3391.0	3422.4	3389.1	3393.0
32.5°	3338.1	3304.8	3332.3	3300.9	3322.5
35°	3242.2	3206.9	3236.3	3201.0	3218.6
37.5°	3138.3	3105.0	3136.4	3097.2	3112.9
40°	3026.7	2997.3	3024.7	2989.4	3003.2
42.5°	2897.4	2879.7	2907.2	2871.9	2883.7
45°	2772.0	2746.5	2779.8	2750.4	2754.4
47.5°	2646.6	2619.2	2650.5	2625.1	2623.1
50°	2495.8	2486.0	2515.4	2495.8	2493.8
52.5°	2352.8	2333.2	2364.5	2354.7	2360.6
55°	2200.0	2182.3	2207.8	2205.8	2217.6
57.5°	2041.3	2023.7	2057.0	2053.0	2062.8
60°	1872.8	1859.1	1902.2	1892.4	1900.2
62.5°	1708.3	1682.8	1737.6	1729.8	1725.9
65°	1524.1	1508.4	1567.2	1557.4	1528.0
67.5°	1334.1	1328.2	1388.9	1369.3	1320.4
70°	1144.1	1148.0	1206.7	1169.5	1128.4
72.5°	944.2	973.6	1008.9	981.5	952.1
75°	756.2	801.2	807.1	805.2	775.8
77.5°	572.0	628.8	615.1	628.8	605.3
80°	399.6	462.3	452.5	464.3	444.7
82.5°	246.8	303.6	305.6	313.4	295.8
85°	119.5	176.3	180.2	182.2	168.5
87.5°	25.5	82.3	84.2	78.4	68.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)