

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-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-LD5-130HL-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

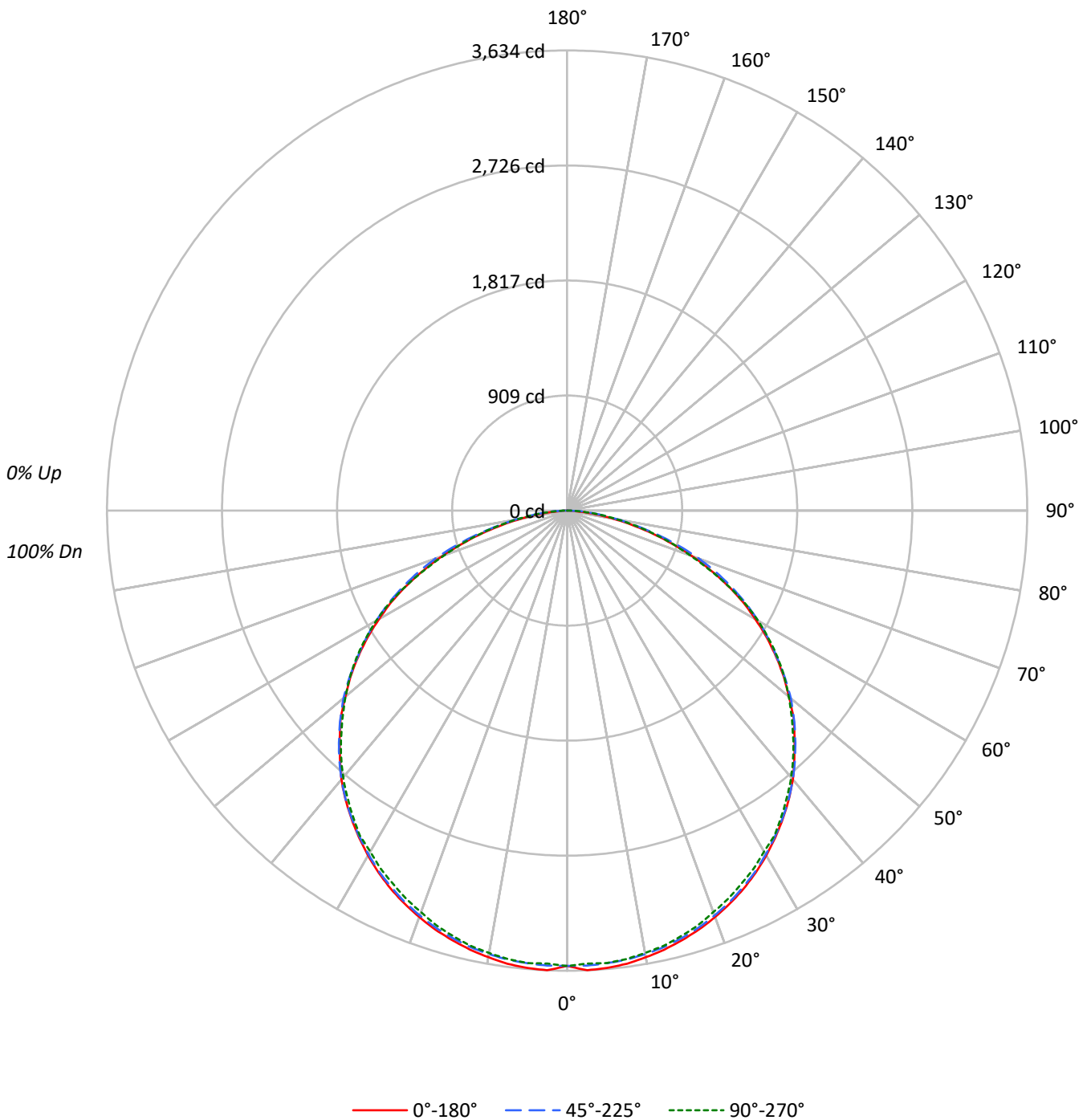
Lumens per Lamp: N/A
Luminaire Lumens: 10787.0 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

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	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	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	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	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	14529	14529	14529
5°	14681	14212	14086
10°	14654	13913	13651
15°	14628	13613	13224
20°	14606	13291	12768
25°	14588	12967	12342
30°	14543	12618	11923
35°	14496	12256	11521
40°	14441	11867	11039
45°	14292	11404	10487
50°	14114	10899	9925
55°	13892	10218	9320
60°	13504	9525	8528
65°	12920	8620	7417
70°	11876	7425	6014
75°	10223	5683	4622
80°	7827	3758	3030
85°	4307	1841	1353



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	341.3	3.2
10°-20°	984.2	9.1
20°-30°	1506.6	14.0
30°-40°	1845.9	17.1
40°-50°	1952.4	18.1
50°-60°	1802.2	16.7
60°-70°	1391.0	12.9
70°-80°	772.1	7.2
80°-90°	191.3	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°	2832.1	26.3
0°-40°	4678.1	43.4
0°-60°	8432.7	78.2
0°-90°	10787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10787.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3596	3596	3596	3596	3596	
5°	3625	3578	3589	3580	3587	345
15°	3512	3470	3495	3483	3479	992
25°	3296	3257	3284	3255	3253	1519
35°	2971	2939	2966	2933	2950	1859
45°	2540	2517	2548	2520	2524	1960
55°	2016	2000	2023	2021	2032	1799
65°	1397	1382	1436	1427	1400	1377
75°	693	734	740	738	711	735
85°	110	162	165	167	154	147
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3595.9	3595.9	3595.9	3595.9	3595.9
2.5°	3633.6	3586.9	3595.9	3590.5	3579.7
5°	3624.6	3577.9	3588.7	3579.7	3586.9
7.5°	3610.2	3560.0	3577.9	3565.4	3572.5
10°	3581.5	3538.4	3556.4	3542.0	3547.4
12.5°	3551.0	3506.1	3531.2	3513.3	3520.5
15°	3511.5	3470.2	3495.3	3482.8	3479.2
17.5°	3468.4	3428.9	3454.0	3439.7	3434.3
20°	3416.3	3378.6	3402.0	3380.4	3375.1
22.5°	3358.9	3321.2	3348.1	3317.6	3319.4
25°	3296.1	3256.6	3283.5	3254.8	3253.0
27.5°	3224.3	3186.6	3215.3	3184.8	3188.4
30°	3145.3	3107.6	3136.3	3105.8	3109.4
32.5°	3059.1	3028.6	3053.7	3025.0	3044.7
35°	2971.1	2938.8	2965.7	2933.4	2949.6
37.5°	2876.0	2845.5	2874.2	2838.3	2852.6
40°	2773.7	2746.7	2771.9	2739.5	2752.1
42.5°	2655.2	2639.0	2664.1	2631.8	2642.6
45°	2540.3	2516.9	2547.5	2520.5	2524.1
47.5°	2425.4	2400.2	2429.0	2405.6	2403.8
50°	2287.1	2278.2	2305.1	2287.1	2285.3
52.5°	2156.1	2138.1	2166.9	2157.9	2163.3
55°	2016.1	1999.9	2023.2	2021.4	2032.2
57.5°	1870.6	1854.5	1885.0	1881.4	1890.4
60°	1716.3	1703.7	1743.2	1734.2	1741.4
62.5°	1565.5	1542.1	1592.4	1585.2	1581.6
65°	1396.7	1382.3	1436.2	1427.2	1400.3
67.5°	1222.6	1217.2	1272.8	1254.9	1210.0
70°	1048.4	1052.0	1105.9	1071.8	1034.1
72.5°	865.3	892.2	924.6	899.4	872.5
75°	693.0	734.3	739.6	737.8	710.9
77.5°	524.2	576.3	563.7	576.3	554.7
80°	366.2	423.7	414.7	425.5	407.5
82.5°	226.2	278.3	280.1	287.2	271.1
85°	109.5	161.6	165.2	167.0	154.4
87.5°	23.3	75.4	77.2	71.8	62.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)