

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-L940-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-L940-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

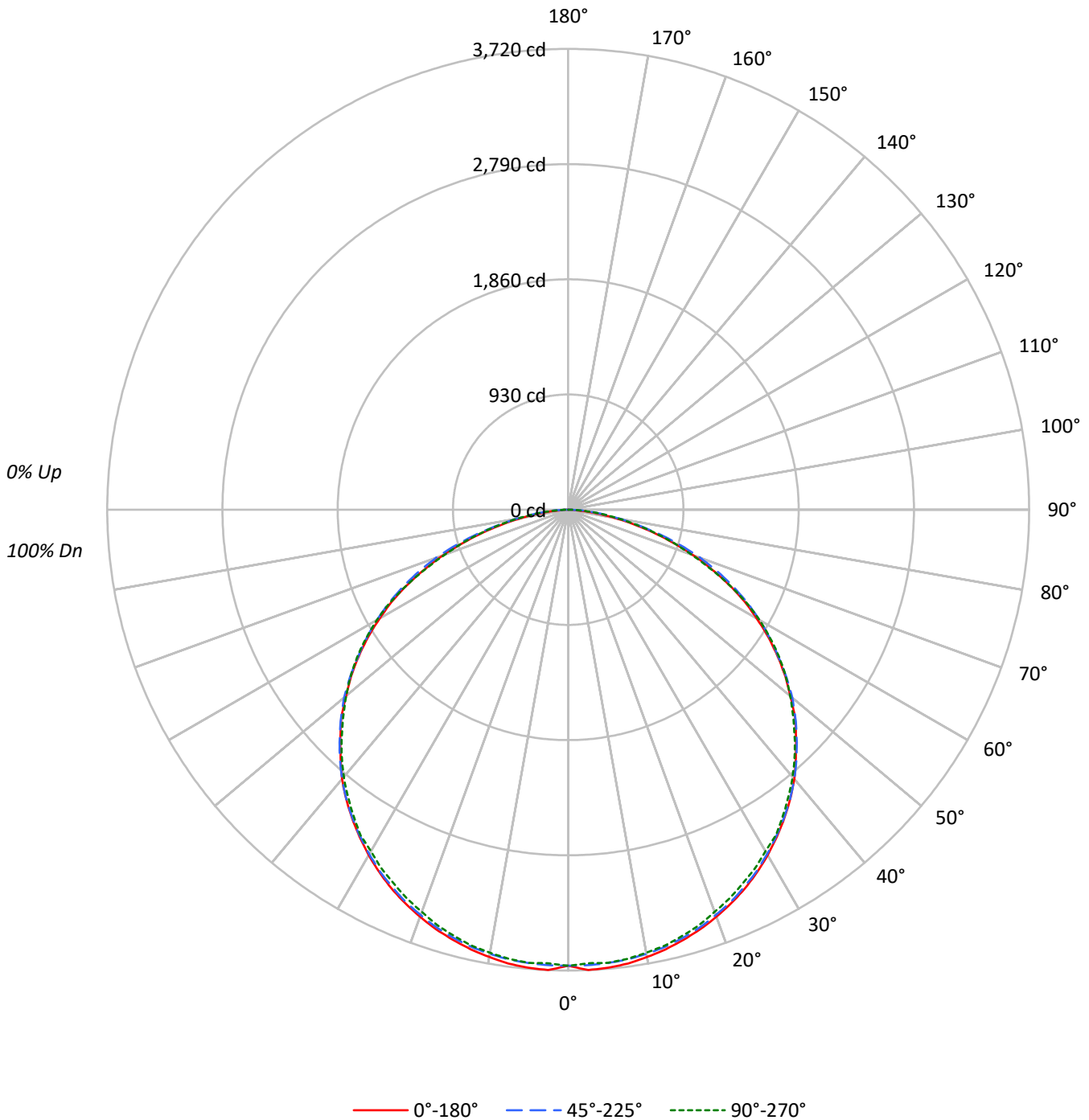
Lumens per Lamp: N/A
Luminaire Lumens: 11042.0 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

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	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°	14873	14873	14873
5°	15028	14548	14419
10°	15001	14242	13974
15°	14973	13935	13536
20°	14952	13605	13069
25°	14933	13273	12634
30°	14887	12917	12205
35°	14840	12546	11793
40°	14782	12148	11300
45°	14630	11673	10735
50°	14448	11156	10160
55°	14220	10460	9540
60°	13823	9750	8730
65°	13226	8824	7592
70°	12157	7600	6156
75°	10463	5817	4732
80°	8013	3846	3103
85°	4409	1884	1385



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	349.4	3.2
10°-20°	1007.5	9.1
20°-30°	1542.2	14.0
30°-40°	1889.6	17.1
40°-50°	1998.6	18.1
50°-60°	1844.8	16.7
60°-70°	1423.9	12.9
70°-80°	790.3	7.2
80°-90°	195.8	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°	2899.1	26.3
0°-40°	4788.6	43.4
0°-60°	8632.0	78.2
0°-90°	11042.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11042.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3681	3681	3681	3681	3681	
5°	3710	3662	3674	3664	3672	353
15°	3594	3552	3578	3565	3561	1015
25°	3374	3334	3361	3332	3330	1555
35°	3041	3008	3036	3003	3019	1903
45°	2600	2576	2608	2580	2584	2007
55°	2064	2047	2071	2069	2080	1842
65°	1430	1415	1470	1461	1433	1410
75°	709	752	757	755	728	753
85°	112	165	169	171	158	151
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3680.9	3680.9	3680.9	3680.9	3680.9
2.5°	3719.5	3671.7	3680.9	3675.4	3664.3
5°	3710.3	3662.5	3673.5	3664.3	3671.7
7.5°	3695.6	3644.1	3662.5	3649.6	3657.0
10°	3666.2	3622.1	3640.4	3625.7	3631.3
12.5°	3634.9	3589.0	3614.7	3596.3	3603.7
15°	3594.5	3552.2	3578.0	3565.1	3561.4
17.5°	3550.4	3510.0	3535.7	3521.0	3515.5
20°	3497.1	3458.5	3482.4	3460.4	3454.8
22.5°	3438.3	3399.7	3427.3	3396.0	3397.9
25°	3374.0	3333.6	3361.1	3331.7	3329.9
27.5°	3300.5	3261.9	3291.3	3260.0	3263.7
30°	3219.6	3181.0	3210.4	3179.2	3182.9
32.5°	3131.4	3100.2	3125.9	3096.5	3116.7
35°	3041.4	3008.3	3035.9	3002.8	3019.3
37.5°	2944.0	2912.7	2942.1	2905.4	2920.1
40°	2839.2	2811.7	2837.4	2804.3	2817.2
42.5°	2717.9	2701.4	2727.1	2694.0	2705.1
45°	2600.3	2576.4	2607.7	2580.1	2583.8
47.5°	2482.7	2457.0	2486.4	2462.5	2460.7
50°	2341.2	2332.0	2359.6	2341.2	2339.4
52.5°	2207.1	2188.7	2218.1	2208.9	2214.4
55°	2063.7	2047.2	2071.1	2069.2	2080.3
57.5°	1914.9	1898.3	1929.6	1925.9	1935.1
60°	1756.8	1744.0	1784.4	1775.2	1782.6
62.5°	1602.5	1578.6	1630.0	1622.7	1619.0
65°	1429.7	1415.0	1470.1	1461.0	1433.4
67.5°	1251.5	1245.9	1302.9	1284.5	1238.6
70°	1073.2	1076.9	1132.0	1097.1	1058.5
72.5°	885.8	913.3	946.4	920.7	893.1
75°	709.3	751.6	757.1	755.3	727.7
77.5°	536.6	589.9	577.0	589.9	567.8
80°	374.9	433.7	424.5	435.5	417.2
82.5°	231.5	284.8	286.7	294.0	277.5
85°	112.1	165.4	169.1	170.9	158.0
87.5°	23.9	77.2	79.0	73.5	64.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)