

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: **4SNLED-LD5-28SL-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: 4SNLED-LD5-28SL-UNV-L935-CD1-U
Description: 4FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

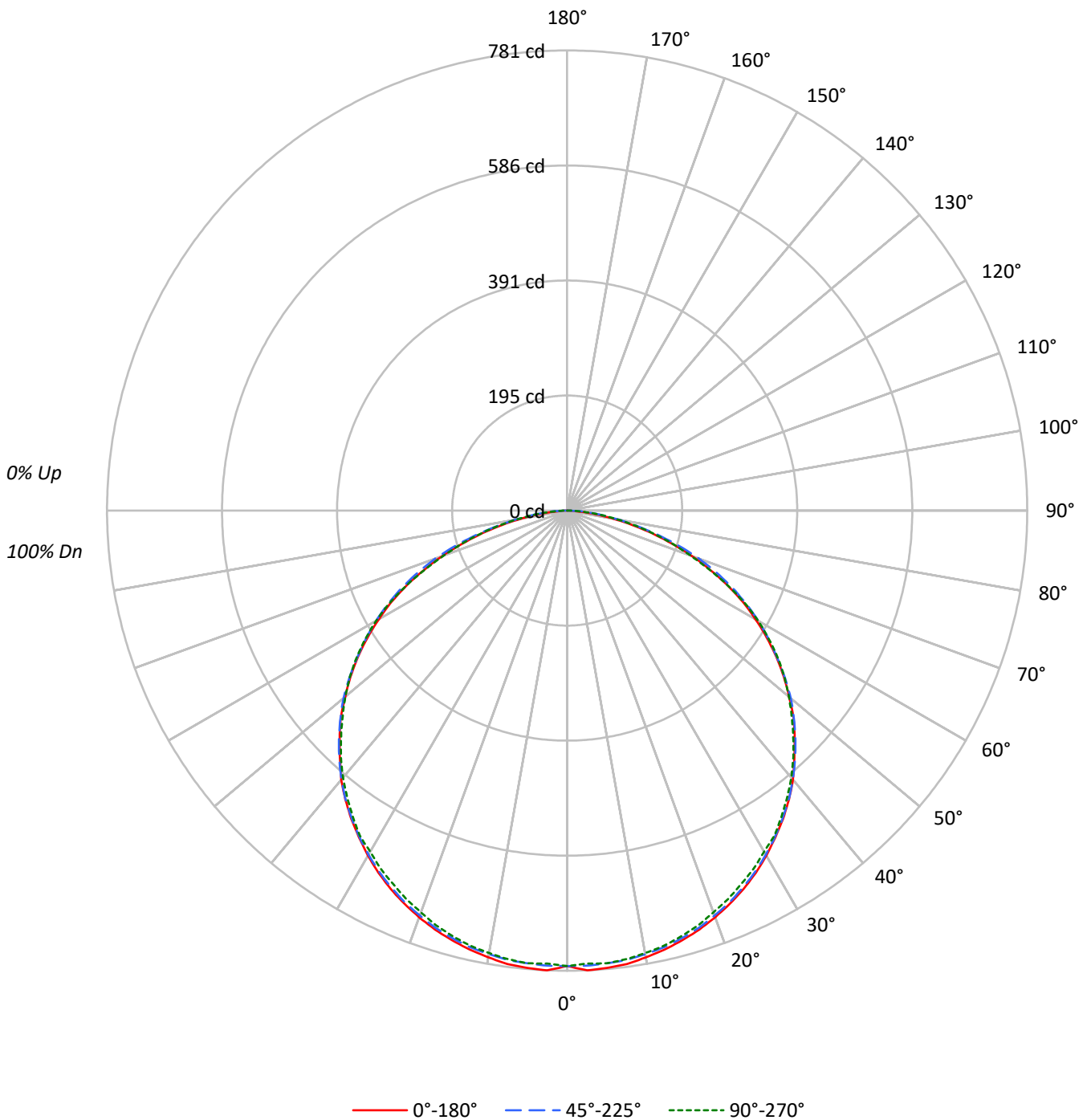
Lumens per Lamp: N/A
Luminaire Lumens: 2319.0 lumens
Efficiency: N/A
Efficacy: 128.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')
CIE Type: Direct

Input Watts (W): 18
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°	6247	6247	6247
5°	6304	6105	6056
10°	6284	5971	5869
15°	6263	5837	5686
20°	6245	5694	5490
25°	6227	5550	5306
30°	6198	5395	5127
35°	6166	5236	4953
40°	6130	5064	4747
45°	6052	4861	4509
50°	5960	4640	4267
55°	5845	4345	4007
60°	5658	4044	3667
65°	5381	3653	3189
70°	4905	3138	2586
75°	4166	2395	1987
80°	3111	1578	1303
85°	1605	768	582



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.4	3.2
10°-20°	211.6	9.1
20°-30°	323.9	14.0
30°-40°	396.8	17.1
40°-50°	419.7	18.1
50°-60°	387.4	16.7
60°-70°	299.0	12.9
70°-80°	166.0	7.2
80°-90°	41.1	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°	608.9	26.3
0°-40°	1005.7	43.4
0°-60°	1812.9	78.2
0°-90°	2319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2319.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	773	773	773	773	773	
5°	779	769	772	770	771	74
15°	755	746	751	749	748	213
25°	709	700	706	700	699	327
35°	639	632	638	631	634	400
45°	546	541	548	542	543	421
55°	433	430	435	435	437	387
65°	300	297	309	307	301	296
75°	149	158	159	159	153	158
85°	24	35	36	36	33	32
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	773.0	773.0	773.0	773.0	773.0
2.5°	781.1	771.1	773.0	771.9	769.6
5°	779.2	769.2	771.5	769.6	771.1
7.5°	776.1	765.3	769.2	766.5	768.0
10°	770.0	760.7	764.6	761.5	762.6
12.5°	763.4	753.7	759.2	755.3	756.8
15°	754.9	746.0	751.4	748.7	748.0
17.5°	745.6	737.2	742.6	739.5	738.3
20°	734.5	726.3	731.4	726.7	725.6
22.5°	722.1	714.0	719.8	713.2	713.6
25°	708.6	700.1	705.9	699.7	699.3
27.5°	693.2	685.0	691.2	684.7	685.4
30°	676.2	668.1	674.2	667.7	668.5
32.5°	657.6	651.1	656.5	650.3	654.6
35°	638.7	631.8	637.6	630.6	634.1
37.5°	618.3	611.7	617.9	610.2	613.3
40°	596.3	590.5	595.9	588.9	591.7
42.5°	570.8	567.3	572.7	565.8	568.1
45°	546.1	541.1	547.7	541.9	542.6
47.5°	521.4	516.0	522.2	517.2	516.8
50°	491.7	489.8	495.6	491.7	491.3
52.5°	463.5	459.7	465.8	463.9	465.1
55°	433.4	429.9	435.0	434.6	436.9
57.5°	402.2	398.7	405.2	404.5	406.4
60°	369.0	366.3	374.8	372.8	374.4
62.5°	336.5	331.5	342.3	340.8	340.0
65°	300.3	297.2	308.8	306.8	301.0
67.5°	262.8	261.7	273.6	269.8	260.1
70°	225.4	226.2	237.7	230.4	222.3
72.5°	186.0	191.8	198.8	193.4	187.6
75°	149.0	157.9	159.0	158.6	152.8
77.5°	112.7	123.9	121.2	123.9	119.3
80°	78.7	91.1	89.2	91.5	87.6
82.5°	48.6	59.8	60.2	61.8	58.3
85°	23.5	34.7	35.5	35.9	33.2
87.5°	5.0	16.2	16.6	15.4	13.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)