

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1213333

Luminaire Tested: 2SNLED-LD5-24SL-UNV-L935-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1213333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/29/2018
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2SNLED-LD5-24SL-UNV-L935-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

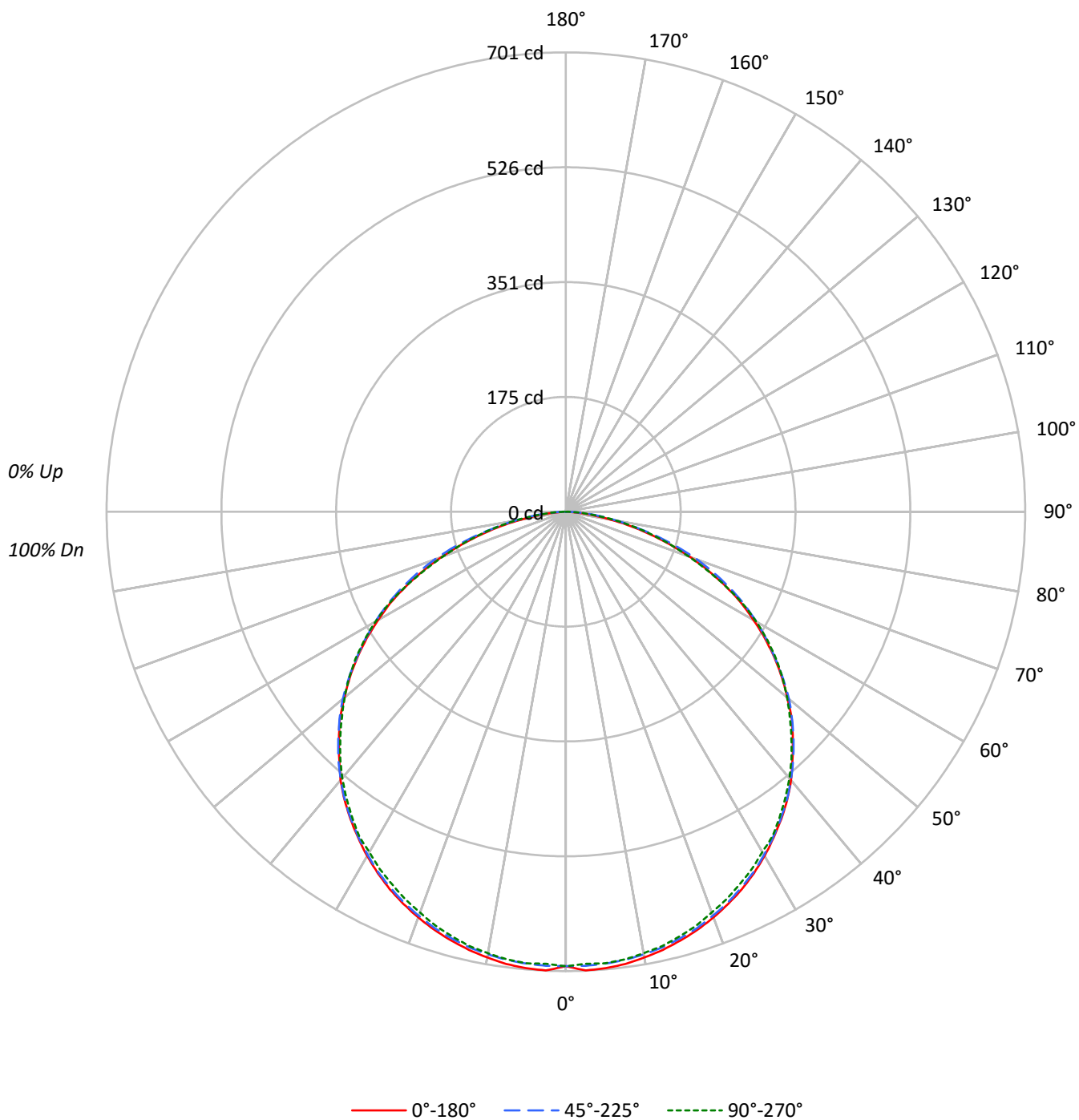
Lumens per Lamp: N/A
Luminaire Lumens: 2080.0 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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: 24 FT

TEST NUMBER: P1213333

CATALOG NUMBER: 2SNLED-LD5-24SL-UNV-L935-CD1-U

Luminous Intensity Polar Plot



TEST NUMBER: P1213333

CATALOG NUMBER: 2SNLED-LD5-24SL-UNV-L935-CD1-U

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	11207	11207	11207
5°	11277	10931	10864
10°	11210	10672	10529
15°	11143	10414	10200
20°	11079	10140	9848
25°	11014	9866	9520
30°	10924	9575	9197
35°	10830	9273	8887
40°	10721	8951	8515
45°	10537	8573	8088
50°	10320	8164	7656
55°	10055	7622	7189
60°	9651	7072	6578
65°	9082	6364	5721
70°	8155	5444	4639
75°	6765	4131	3566
80°	4851	2702	2338
85°	2282	1299	1045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10537 cd/sqm

TEST NUMBER: P1213333

CATALOG NUMBER: 2SNLED-LD5-24SL-UNV-L935-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.8	3.2
10°-20°	189.8	9.1
20°-30°	290.5	14.0
30°-40°	355.9	17.1
40°-50°	376.5	18.1
50°-60°	347.5	16.7
60°-70°	268.2	12.9
70°-80°	148.9	7.2
80°-90°	36.9	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°	546.1	26.3
0°-40°	902.0	43.4
0°-60°	1626.0	78.2
0°-90°	2080.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2080.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	693	693	693	693	693	
5°	699	690	692	690	692	66
15°	677	669	674	672	671	191
25°	636	628	633	628	627	293
35°	573	567	572	566	569	358
45°	490	485	491	486	487	378
55°	389	386	390	390	392	347
65°	269	266	277	275	270	266
75°	134	142	143	142	137	142
85°	21	31	32	32	30	28
90°	0	0	0	0	0	

TEST NUMBER: P1213333

CATALOG NUMBER: 2SNLED-LD5-24SL-UNV-L935-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	693.4	693.4	693.4	693.4	693.4
2.5°	700.6	691.6	693.4	692.3	690.3
5°	698.9	689.9	692.0	690.3	691.6
7.5°	696.1	686.4	689.9	687.5	688.9
10°	690.6	682.3	685.8	683.0	684.0
12.5°	684.7	676.1	680.9	677.4	678.8
15°	677.1	669.1	674.0	671.6	670.9
17.5°	668.8	661.2	666.0	663.3	662.2
20°	658.8	651.5	656.0	651.8	650.8
22.5°	647.7	640.4	645.6	639.7	640.1
25°	635.6	627.9	633.1	627.6	627.3
27.5°	621.7	614.4	620.0	614.1	614.8
30°	606.5	599.2	604.8	598.9	599.6
32.5°	589.9	584.0	588.8	583.3	587.1
35°	572.9	566.7	571.9	565.6	568.8
37.5°	554.6	548.7	554.2	547.3	550.1
40°	534.8	529.6	534.5	528.3	530.7
42.5°	512.0	508.9	513.7	507.5	509.6
45°	489.8	485.3	491.2	486.0	486.7
47.5°	467.7	462.8	468.4	463.9	463.5
50°	441.0	439.3	444.5	441.0	440.7
52.5°	415.7	412.3	417.8	416.1	417.1
55°	388.7	385.6	390.1	389.8	391.9
57.5°	360.7	357.6	363.5	362.8	364.5
60°	330.9	328.5	336.1	334.4	335.8
62.5°	301.9	297.4	307.1	305.7	305.0
65°	269.3	266.5	276.9	275.2	270.0
67.5°	235.7	234.7	245.4	242.0	233.3
70°	202.2	202.9	213.2	206.7	199.4
72.5°	166.9	172.0	178.3	173.4	168.2
75°	133.6	141.6	142.6	142.3	137.1
77.5°	101.1	111.1	108.7	111.1	107.0
80°	70.6	81.7	80.0	82.0	78.6
82.5°	43.6	53.7	54.0	55.4	52.3
85°	21.1	31.2	31.8	32.2	29.8
87.5°	4.5	14.5	14.9	13.8	12.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)