

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: P1213382

Luminaire Tested: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1213382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33519)
Test Lab: INNOVATIONS CENTER-P3
Issue Date: 3/29/2018
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U
Description: 4FT LINEAR SNLED LED FIXTURE
NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

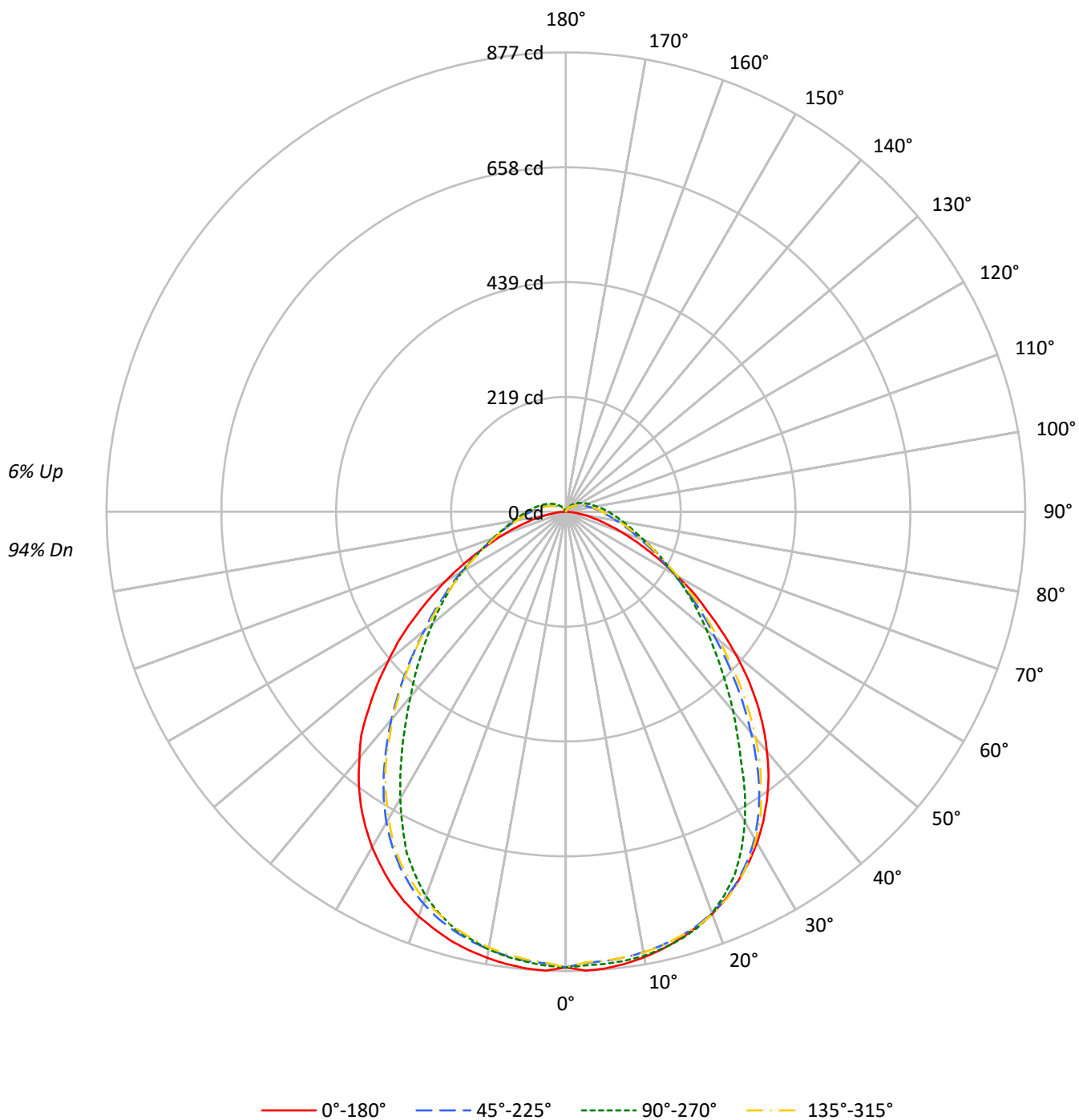
Lumens per Lamp: N/A
Luminaire Lumens: 2201.0 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.14 / 1.24
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')
CIE Type: Direct

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: 24 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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96
1	107	103	98	95	104	100	96	92	94	91	88	89	87	85	85	83	81
2	98	90	84	78	95	88	82	77	83	78	74	79	75	72	75	72	69
3	90	80	72	66	87	78	71	65	74	68	63	71	66	61	67	63	60
4	83	72	63	57	80	70	62	56	67	60	55	64	58	53	61	56	52
5	77	64	56	50	74	63	55	49	60	53	48	58	52	47	55	50	46
6	71	58	50	44	69	57	49	43	55	48	42	52	46	42	50	45	41
7	66	53	45	39	64	52	44	39	50	43	38	48	42	37	46	41	37
8	62	49	41	35	60	48	40	35	46	39	34	44	38	34	43	37	33
9	58	45	37	32	56	44	37	31	42	36	31	41	35	30	40	34	30
10	54	42	34	29	53	41	34	29	39	33	28	38	32	28	37	31	27

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7028	7028	7028	7028
5°	7079	6805	7079	6774
10°	7047	6623	7058	6532
15°	7002	6426	7033	6258
20°	6948	6171	6989	5911
25°	6836	5794	6912	5452
30°	6691	5239	6779	4850
35°	6465	4559	6591	4245
40°	6142	3987	6304	3700
45°	5715	3467	5900	3267
50°	5132	3046	5357	2892
55°	4439	2690	4761	2553
60°	3733	2361	4071	2225
65°	3061	2088	3369	1935
70°	2435	1853	2726	1713
75°	1913	1711	2153	1574
80°	1380	1651	1625	1508
85°	847	1660	1141	1526

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 5900 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.5	3.7
10°-20°	236.4	10.7
20°-30°	350.4	15.9
30°-40°	389.3	17.7
40°-50°	352.9	16.0
50°-60°	273.4	12.4
60°-70°	185.7	8.4
70°-80°	118.1	5.4
80°-90°	75.5	3.4
90°-100°	50.9	2.3
100°-110°	34.9	1.6
110°-120°	23.3	1.1
120°-130°	14.5	0.7
130°-140°	8.0	0.4
140°-150°	3.8	0.2
150°-160°	1.4	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	669.3	30.4
0°-40°	1058.6	48.1
0°-60°	1684.9	76.6
0°-90°	2064.2	93.8
90°-120°	109.1	5.0
90°-150°	135.3	6.1
90°-180°	137.0	6.2
0°-180°	2201.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	870	870	870	870	870	
5°	875	866	875	862	875	83
15°	844	845	848	823	844	238
25°	778	764	786	718	778	358
35°	670	584	683	543	670	418
45°	516	417	532	393	516	396
55°	329	293	353	278	329	296
65°	171	197	188	183	171	171
75°	68	132	77	121	68	74
85°	12	95	17	87	12	15
90°	0	82	1	75	0	1
95°	0	70	0	65	0	0
105°	0	51	0	48	0	1
115°	0	39	0	36	0	0
125°	0	29	0	25	0	0
135°	0	20	0	16	0	0
145°	0	13	0	9	0	0
155°	0	7	0	3	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	876.9	875.9	875.0	873.5	875.0	878.8	876.4	871.1	870.2	861.6	865.4
5°	875.0	873.5	872.6	871.1	873.1	877.8	875.4	870.7	869.2	861.1	865.4
7.5°	870.2	869.2	867.8	867.8	869.7	874.5	872.6	867.3	866.4	858.2	863.0
10°	863.5	863.0	862.1	862.1	864.0	869.7	867.3	862.5	861.6	853.9	859.2
12.5°	854.9	855.4	853.9	853.9	856.8	862.5	860.6	855.4	854.4	847.7	853.0
15°	843.9	844.4	843.4	843.9	846.7	853.4	851.1	846.3	845.3	840.0	844.4
17.5°	831.4	831.9	831.9	831.4	834.8	841.5	839.6	835.3	833.8	829.5	834.8
20°	817.1	817.1	817.1	817.1	820.9	827.6	825.2	821.9	819.0	815.6	820.0
22.5°	799.4	798.9	799.4	800.8	804.6	809.9	808.5	804.6	800.3	798.4	801.8
25°	777.9	779.3	779.8	781.2	786.0	790.3	788.9	785.0	778.3	776.9	777.9
27.5°	755.4	756.3	757.8	757.3	764.0	768.3	765.4	762.1	752.5	751.1	750.1
30°	730.0	731.5	732.4	731.9	737.2	742.0	739.1	734.8	721.9	720.9	713.3
32.5°	701.3	702.8	703.7	703.7	711.4	713.3	708.0	701.8	687.9	684.6	677.9
35°	669.7	671.2	671.7	671.7	679.3	678.8	672.1	663.5	648.2	643.9	632.4
37.5°	635.8	636.7	637.2	640.1	643.4	640.6	631.9	620.9	609.5	597.5	585.1
40°	597.5	598.9	599.9	601.8	605.2	601.8	589.4	576.0	563.5	550.1	537.7
42.5°	558.3	562.6	561.6	561.1	563.1	554.0	544.4	529.1	516.7	502.8	490.3
45°	515.7	515.2	517.6	518.6	518.1	510.4	497.0	483.2	470.7	456.4	445.9
47.5°	470.7	470.3	472.2	473.1	470.3	462.1	451.6	435.8	425.3	412.8	404.7
50°	423.4	423.4	426.2	423.4	421.9	413.8	405.2	389.4	381.3	370.3	365.5
52.5°	376.0	380.3	377.4	376.5	375.1	366.9	360.2	347.3	340.6	335.8	330.1
55°	329.1	333.9	332.0	330.6	330.1	323.4	317.2	307.6	303.3	299.9	296.6
57.5°	289.4	288.9	288.0	286.6	287.0	281.8	275.6	270.3	268.4	266.9	267.9
60°	243.5	247.3	245.9	246.4	246.8	245.9	240.6	237.3	237.8	238.2	239.7
62.5°	205.7	209.1	211.4	209.5	210.5	211.9	209.1	208.1	210.0	211.9	213.8
65°	170.8	174.1	176.5	176.0	178.9	181.8	181.3	182.3	186.6	189.0	191.4
67.5°	139.2	142.6	145.9	146.4	150.7	155.0	156.9	160.3	165.0	168.4	171.3
70°	111.9	114.8	118.6	121.0	126.8	132.5	135.9	142.6	145.4	150.2	152.1
72.5°	87.5	89.9	95.2	100.9	105.7	112.9	119.6	125.3	129.6	134.9	137.3
75°	68.4	69.4	75.1	81.8	88.5	96.6	103.8	110.0	115.8	121.0	124.9
77.5°	50.2	51.7	56.9	66.0	73.7	82.3	90.4	97.1	103.3	108.6	113.9
80°	34.9	37.8	43.5	52.6	61.2	70.8	78.5	86.1	92.8	98.1	103.3
82.5°	22.5	24.9	33.0	42.1	51.2	60.8	68.9	76.5	83.7	89.5	94.2
85°	12.4	15.8	23.9	33.5	42.6	52.1	60.8	68.4	75.6	80.8	85.6
87.5°	4.8	9.6	17.2	26.3	35.4	44.5	53.6	60.8	67.9	73.7	78.0
90°	0.0	5.7	12.9	22.0	31.1	40.2	48.8	56.4	63.1	68.4	73.2
92.5°	0.5	3.8	10.0	17.7	26.3	34.9	43.1	50.7	57.4	62.7	67.0
95°	0.5	2.9	8.1	15.3	23.0	31.1	38.7	45.9	52.1	57.4	61.7
97.5°	0.5	1.9	6.7	13.4	20.1	28.2	35.4	42.1	47.8	53.1	56.4
100°	0.5	1.9	5.7	11.5	18.2	25.4	32.1	38.7	44.0	48.3	52.1
102.5°	0.5	1.4	4.8	10.0	16.3	22.5	29.2	35.4	40.2	44.5	48.3
105°	0.5	1.4	4.3	8.6	14.4	20.6	26.3	32.1	37.3	41.1	44.5
107.5°	0.5	1.0	3.8	7.2	12.4	18.7	24.4	29.2	34.0	37.8	41.1
110°	0.5	1.0	3.3	6.7	11.0	16.7	22.0	26.8	31.1	34.9	37.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	1.0	2.9	6.2	10.0	14.8	20.1	24.4	28.7	32.1	34.9
115°	0.5	1.0	2.9	5.7	9.1	12.9	17.7	22.5	25.8	29.7	32.1
117.5°	0.5	1.0	2.4	4.8	8.6	12.0	16.3	20.1	23.9	27.3	29.7
120°	0.5	1.0	2.4	4.3	7.7	11.0	14.4	18.2	22.0	24.4	26.8
122.5°	0.5	1.0	1.9	4.3	6.7	10.0	12.9	16.3	19.6	22.5	24.9
125°	0.5	1.0	1.9	3.8	6.2	9.1	12.0	14.4	17.7	20.1	22.5
127.5°	0.5	1.0	1.9	3.3	5.7	8.1	11.0	13.4	15.8	18.2	20.1
130°	0.5	1.0	1.4	2.9	5.3	7.2	9.6	12.4	14.4	16.3	18.2
132.5°	0.5	1.0	1.4	2.9	4.3	6.2	8.6	11.0	12.9	14.8	16.3
135°	0.5	1.0	1.4	2.4	3.8	5.7	7.2	9.6	11.5	13.4	14.8
137.5°	0.5	1.0	1.4	2.4	3.3	4.8	6.2	8.1	10.0	11.5	13.4
140°	0.5	1.0	1.4	1.9	2.9	4.3	5.7	6.7	8.6	10.0	11.5
142.5°	0.5	1.0	1.4	1.9	2.9	3.8	4.8	5.7	7.2	8.6	10.0
145°	0.5	1.0	1.4	1.9	2.4	3.3	4.3	5.3	5.7	7.2	8.1
147.5°	0.5	1.0	1.4	1.9	1.9	2.9	3.8	4.3	5.3	5.7	6.7
150°	0.5	1.0	1.4	1.4	1.9	2.4	3.3	3.8	4.3	5.3	5.7
152.5°	0.5	1.0	1.4	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
155°	0.5	1.0	1.4	1.4	1.4	1.9	2.4	2.9	3.3	3.8	4.3
157.5°	1.0	1.0	1.0	1.4	1.4	1.9	1.9	2.4	2.9	2.9	3.3
160°	1.0	1.0	1.0	1.4	1.4	1.4	1.9	1.9	2.4	2.4	2.9
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	864.4	865.9	870.2	870.2	869.2	868.3	868.3	866.8	867.8	869.7	868.8
5°	864.4	865.9	870.2	870.2	869.2	868.3	867.8	866.4	867.8	869.7	868.8
7.5°	861.6	863.5	867.8	867.8	866.8	866.4	865.4	864.4	865.9	867.8	866.8
10°	857.7	859.7	864.0	864.0	863.0	863.0	861.6	860.6	862.5	864.0	863.5
12.5°	852.0	854.4	858.2	857.7	856.8	857.3	855.8	853.9	855.8	857.3	857.7
15°	843.9	846.7	850.6	849.6	848.2	849.1	846.7	845.3	846.7	849.6	849.1
17.5°	833.3	835.3	838.1	838.1	836.7	835.7	834.8	833.3	834.3	836.2	836.7
20°	818.5	820.9	822.3	820.9	820.4	819.0	817.1	815.6	817.6	820.4	820.9
22.5°	798.9	799.4	802.7	799.4	797.0	796.5	794.6	791.7	794.6	797.0	797.5
25°	774.5	776.9	775.5	769.7	769.7	765.9	764.9	763.5	764.0	768.3	770.2
27.5°	743.4	744.4	740.5	735.8	731.5	729.1	725.7	726.2	726.2	731.9	733.8
30°	709.4	704.2	700.8	693.2	689.8	684.1	683.1	683.1	682.2	685.0	693.7
32.5°	668.8	661.6	656.3	649.2	643.4	637.7	634.8	636.3	635.8	643.0	645.8
35°	624.3	620.0	609.0	599.9	596.5	587.9	587.9	583.6	586.5	594.6	598.0
37.5°	577.4	570.7	561.6	551.6	549.2	542.5	540.1	537.7	543.9	545.4	548.7
40°	529.6	523.4	514.7	505.2	505.2	497.0	497.0	497.0	497.5	500.4	506.6
42.5°	484.1	477.4	469.8	463.1	462.1	455.9	455.9	455.4	456.4	458.8	464.5
45°	440.1	434.9	426.7	423.4	423.9	417.2	418.6	417.2	419.1	421.5	423.4
47.5°	399.5	396.1	392.8	388.0	386.5	386.1	383.7	381.8	385.1	385.1	388.0
50°	361.7	359.7	357.8	355.0	355.4	353.5	350.7	350.7	353.0	353.5	355.4
52.5°	328.7	326.3	323.9	324.3	324.8	323.9	322.4	321.0	322.4	323.4	325.8
55°	295.6	293.7	296.1	295.2	296.1	295.2	294.2	293.3	295.6	294.2	296.6
57.5°	266.0	267.9	268.9	266.9	268.4	267.4	267.9	266.5	268.4	269.3	268.9
60°	238.7	241.6	240.2	240.6	242.5	241.6	239.7	241.1	243.0	243.5	243.0
62.5°	213.8	217.2	218.6	217.7	218.1	217.2	218.6	216.7	219.1	220.1	218.6
65°	191.4	195.2	196.1	196.1	196.1	195.2	196.6	197.1	198.1	198.1	197.1
67.5°	172.2	175.6	176.5	177.5	176.5	175.6	175.6	176.0	178.0	178.9	178.0
70°	155.0	158.3	158.8	158.8	159.3	160.3	158.3	159.3	160.7	161.2	160.7
72.5°	140.2	143.5	144.5	144.0	144.5	145.0	145.0	144.0	145.4	146.4	146.4
75°	128.2	130.1	131.1	131.1	131.6	132.0	132.0	131.6	132.5	133.0	133.5
77.5°	117.2	118.6	120.1	120.1	120.6	120.1	121.0	121.0	121.5	122.0	122.5
80°	106.2	108.1	109.1	109.6	110.5	111.0	111.0	111.0	111.5	111.9	111.9
82.5°	97.6	99.0	100.5	101.9	101.9	102.4	102.4	102.4	102.9	102.9	103.3
85°	89.0	90.9	92.3	93.3	93.8	94.2	94.2	94.7	94.7	94.7	95.2
87.5°	81.3	83.7	84.7	85.6	86.1	87.1	87.1	87.1	87.5	87.5	87.5
90°	76.1	78.5	79.4	80.4	80.8	81.3	81.3	81.8	81.8	82.3	82.3
92.5°	69.8	72.2	74.1	74.1	74.6	75.6	75.1	75.1	75.6	76.1	76.1
95°	65.1	67.0	68.4	68.9	69.4	69.4	69.4	69.8	69.4	69.8	69.8
97.5°	59.3	61.2	62.7	63.6	64.1	64.1	64.1	64.6	64.1	64.6	64.6
100°	54.5	56.4	57.9	58.4	59.3	59.3	59.3	59.3	59.3	59.3	59.8
102.5°	50.7	52.6	53.6	54.1	54.5	55.0	55.0	55.0	55.0	55.5	55.5
105°	46.9	48.8	49.8	50.2	50.7	51.2	51.2	51.2	51.7	51.7	51.2
107.5°	43.5	45.0	45.9	46.9	47.4	47.4	47.8	47.8	47.8	47.8	47.8
110°	40.2	41.6	43.1	44.0	44.0	44.5	44.5	45.0	45.0	44.5	45.0

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	36.8	38.7	39.7	40.7	41.1	41.6	41.6	41.6	41.6	41.6	41.6
115°	34.0	35.9	36.8	37.8	38.3	38.7	38.7	38.7	38.7	38.7	38.7
117.5°	31.6	33.5	34.4	34.9	35.4	35.9	36.4	36.4	36.4	36.4	35.9
120°	29.2	30.6	31.6	32.5	33.0	33.5	33.5	33.5	33.5	33.5	33.5
122.5°	26.8	28.2	29.2	30.1	30.6	31.1	31.1	31.1	31.1	31.1	31.1
125°	24.4	25.8	26.8	27.7	28.2	28.7	28.7	28.7	28.7	28.7	28.7
127.5°	22.0	23.4	24.9	25.4	25.8	26.3	26.3	26.3	26.8	26.3	26.3
130°	19.6	21.0	22.5	23.0	23.4	23.9	24.4	24.4	24.4	24.4	23.9
132.5°	17.7	19.1	20.1	20.6	21.5	21.5	22.0	22.0	22.0	22.0	21.5
135°	16.3	17.2	18.2	18.7	19.6	19.6	19.6	20.1	20.1	19.6	19.1
137.5°	14.4	15.3	16.3	16.7	17.2	17.7	17.7	18.2	17.7	17.7	17.7
140°	13.4	13.9	14.8	15.3	15.8	15.8	15.8	16.3	16.3	15.8	15.8
142.5°	11.5	12.4	13.4	13.9	14.4	14.4	14.4	14.4	14.4	14.4	14.4
145°	9.6	11.0	11.5	12.4	12.4	12.9	12.9	12.9	12.9	12.9	12.4
147.5°	8.1	9.1	10.5	11.0	11.0	11.5	11.5	11.5	11.5	11.5	11.0
150°	6.2	7.2	8.6	9.6	9.6	10.0	10.0	10.0	10.0	9.6	9.6
152.5°	5.3	6.2	6.7	7.7	8.1	8.1	8.1	8.6	8.1	8.1	8.1
155°	4.8	5.3	5.7	6.2	6.7	7.2	7.2	7.2	7.2	6.7	6.7
157.5°	3.8	4.3	4.8	5.3	5.7	6.2	6.2	6.2	6.2	6.2	5.7
160°	2.9	3.3	3.8	3.8	4.3	4.8	5.3	4.8	4.8	4.8	4.8
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	867.8	867.3	868.8	866.4	859.2	861.1	860.1	864.4	865.4	866.4	870.7
5°	867.8	867.3	868.3	866.4	858.7	860.1	859.2	863.5	864.4	864.9	869.2
7.5°	865.9	865.4	866.8	864.4	856.3	858.2	856.8	861.1	861.6	862.1	865.9
10°	862.1	861.6	862.5	860.6	852.5	854.4	852.5	856.8	856.8	857.7	860.6
12.5°	856.3	855.4	857.3	854.9	845.8	848.2	847.2	850.1	850.6	851.1	853.9
15°	848.2	847.2	848.7	847.2	839.1	839.6	838.1	842.4	842.9	842.0	844.8
17.5°	836.2	835.3	838.1	837.2	829.0	831.0	830.5	831.4	832.9	830.5	834.3
20°	821.4	822.3	823.3	823.8	817.6	817.6	817.1	819.0	820.4	818.5	821.4
22.5°	799.4	801.8	804.6	805.6	801.3	800.8	803.7	802.7	804.2	803.2	805.1
25°	771.6	776.4	779.3	782.2	779.8	780.7	785.0	786.0	786.0	785.5	787.4
27.5°	737.2	743.4	748.7	754.9	752.5	754.4	761.6	762.5	764.5	762.5	766.4
30°	696.1	701.8	711.8	720.9	721.9	724.8	734.8	735.8	741.0	739.1	740.5
32.5°	654.9	657.8	669.3	678.4	684.1	691.3	702.3	704.2	711.4	712.8	712.8
35°	603.2	611.4	621.9	634.8	642.0	649.6	664.5	667.3	677.9	681.2	685.0
37.5°	559.7	567.4	574.1	587.5	600.4	609.0	620.9	628.1	639.1	645.3	650.1
40°	513.3	519.5	526.7	540.1	551.1	564.0	576.0	584.6	598.5	605.6	611.9
42.5°	469.3	474.1	481.7	491.3	502.8	517.1	528.6	538.7	553.5	563.5	570.7
45°	430.1	432.9	439.6	446.8	456.9	471.7	482.7	495.6	507.6	518.1	526.7
47.5°	393.2	397.1	400.4	405.2	414.3	423.4	436.3	448.7	460.7	472.2	480.8
50°	359.3	359.3	364.5	367.9	374.1	382.2	392.3	400.9	415.7	423.9	434.9
52.5°	326.3	328.2	331.0	333.0	337.7	343.0	351.1	358.3	370.7	378.4	388.9
55°	297.1	299.0	300.4	301.4	304.3	310.5	313.3	319.1	327.7	333.9	343.0
57.5°	269.3	270.3	271.7	272.2	272.7	276.5	278.9	280.3	288.9	295.2	302.8
60°	244.0	244.0	245.4	244.9	244.5	246.4	245.9	247.3	252.6	256.4	259.8
62.5°	220.1	220.1	220.5	219.6	219.1	219.1	217.2	218.6	220.1	220.5	222.9
65°	198.1	200.4	198.5	199.0	196.1	195.2	194.2	191.4	190.9	189.0	189.9
67.5°	178.4	180.4	178.4	178.4	176.0	174.1	171.7	167.0	165.5	161.7	160.7
70°	162.7	161.2	162.2	160.7	157.9	155.5	152.1	148.3	143.5	138.7	135.4
72.5°	147.3	147.3	146.4	145.0	143.5	138.7	134.9	130.6	124.9	118.6	113.9
75°	132.5	133.0	133.0	131.6	129.2	124.9	120.6	114.3	108.1	100.9	94.7
77.5°	122.0	122.0	122.0	119.6	117.2	113.4	108.1	101.4	94.7	86.1	78.9
80°	111.9	111.5	111.5	108.6	106.2	101.9	96.6	89.9	82.8	73.7	65.5
82.5°	103.8	103.3	102.4	100.0	96.6	92.3	87.1	79.9	72.2	64.1	54.1
85°	95.2	94.7	93.8	91.4	88.0	84.2	78.5	71.3	63.6	54.5	45.0
87.5°	87.5	87.1	85.6	84.2	80.4	76.1	70.3	63.6	55.5	46.9	37.3
90°	82.3	81.3	80.4	78.5	75.1	70.3	64.6	57.4	49.3	40.7	31.1
92.5°	76.1	75.6	74.1	72.2	69.4	64.6	58.8	52.1	44.0	35.9	26.8
95°	69.8	69.4	68.4	66.5	63.6	59.3	54.1	47.4	39.7	31.6	23.4
97.5°	64.1	64.1	62.7	61.2	57.9	54.5	49.3	43.1	35.9	28.7	21.0
100°	59.3	59.3	57.9	56.0	53.6	50.2	45.0	39.2	32.5	25.8	18.2
102.5°	55.0	54.5	53.6	51.7	49.3	45.9	41.1	35.9	29.7	23.0	16.3
105°	51.2	50.7	49.8	47.8	45.9	42.1	38.3	33.0	26.8	20.6	14.4
107.5°	47.4	46.9	46.4	44.5	42.1	38.7	34.9	29.7	24.4	18.7	12.9
110°	44.0	43.5	42.6	40.7	38.3	35.4	31.6	27.3	22.0	16.7	11.5

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	41.1	40.7	39.7	37.8	35.9	32.5	29.2	24.4	20.1	15.3	10.0
115°	38.3	37.8	36.8	34.9	32.5	29.7	26.3	22.5	17.7	13.4	9.1
117.5°	35.4	34.9	34.0	32.5	30.1	27.3	23.9	20.1	15.8	12.4	8.1
120°	33.0	32.1	31.1	29.7	27.3	24.9	21.5	18.2	14.4	11.0	7.2
122.5°	30.6	29.7	28.7	27.3	24.9	22.5	19.1	16.3	13.4	10.0	6.7
125°	27.7	27.3	26.3	24.9	22.5	20.1	17.7	14.8	12.0	9.1	5.7
127.5°	25.4	24.9	23.9	22.0	20.1	18.2	15.8	13.4	10.5	7.7	5.3
130°	23.4	22.5	21.5	20.1	18.7	16.7	14.4	12.0	9.6	6.7	4.8
132.5°	21.0	20.1	19.1	18.2	16.7	14.8	12.9	10.5	8.6	6.2	4.3
135°	19.1	18.2	17.2	16.3	14.8	13.4	11.5	9.6	7.7	5.7	3.8
137.5°	16.7	16.3	15.8	14.8	13.4	12.0	10.5	8.1	6.7	5.3	3.3
140°	15.3	14.8	14.4	12.9	12.0	10.5	9.1	7.2	5.7	4.3	2.9
142.5°	13.9	13.4	12.4	11.5	10.5	9.6	7.7	6.7	5.3	3.8	2.9
145°	12.0	11.5	11.0	10.0	9.1	7.7	6.7	5.7	4.8	3.3	2.4
147.5°	11.0	10.5	9.6	8.6	7.7	6.7	6.2	5.3	3.8	2.9	1.9
150°	9.1	8.6	8.1	7.2	6.7	6.2	5.3	4.3	3.3	2.4	1.9
152.5°	7.7	7.2	6.7	6.7	5.7	5.3	4.3	3.8	2.9	2.4	1.4
155°	6.7	6.7	6.2	5.7	4.8	4.3	3.8	2.9	2.4	1.9	1.4
157.5°	5.7	5.3	4.8	4.8	4.3	3.8	2.9	2.4	1.9	1.9	1.4
160°	4.8	4.3	4.3	3.8	3.3	2.9	2.4	2.4	1.9	1.4	1.4
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	871.1	865.9	870.7	876.9	876.9	875.9	875.0	876.9	881.7	879.8	874.0
5°	869.7	864.4	868.8	875.0	875.0	873.5	872.6	874.0	879.3	876.9	871.6
7.5°	866.8	862.1	864.9	870.7	870.7	869.2	868.3	870.2	874.5	872.1	866.4
10°	861.6	856.3	859.7	864.9	864.4	863.5	862.1	864.4	868.3	864.9	858.2
12.5°	854.9	849.6	852.5	857.3	856.8	854.9	853.9	855.4	858.7	856.8	849.6
15°	845.8	840.5	842.9	847.7	846.3	844.8	842.9	843.4	847.7	844.4	836.7
17.5°	834.8	829.0	831.0	835.3	833.8	832.4	830.0	830.5	835.3	830.5	822.3
20°	821.4	815.2	816.6	821.9	819.5	817.1	814.7	814.7	819.5	814.2	805.1
22.5°	807.0	800.8	801.8	805.6	803.7	799.4	797.0	798.4	800.8	794.1	784.6
25°	789.3	781.2	782.6	786.5	785.0	779.3	776.9	777.9	776.9	771.6	761.6
27.5°	768.8	760.2	761.1	763.5	761.6	756.3	753.5	753.9	752.0	745.3	733.8
30°	742.9	738.6	738.2	739.6	736.7	731.5	728.1	727.1	726.7	717.1	703.2
32.5°	716.6	712.8	710.4	712.3	709.0	703.7	698.0	698.0	693.2	684.1	672.1
35°	689.8	683.6	681.2	682.7	678.8	672.1	667.3	665.0	657.8	646.3	633.4
37.5°	655.4	651.1	648.2	649.6	645.3	640.6	631.5	629.1	621.4	605.6	589.4
40°	618.1	614.7	611.9	613.3	608.5	601.3	593.2	589.4	580.8	563.1	550.1
42.5°	577.9	576.5	573.1	578.4	568.8	561.6	553.5	547.3	538.7	519.5	504.7
45°	535.3	538.7	531.0	532.4	526.2	520.0	511.4	502.3	493.7	475.5	458.8
47.5°	490.3	492.7	487.5	488.4	481.7	476.0	468.3	456.9	447.3	431.5	416.7
50°	443.9	443.0	443.0	442.0	436.8	429.6	421.9	411.4	401.8	387.5	375.1
52.5°	394.7	396.6	397.5	399.9	393.2	388.9	377.0	367.9	360.7	345.9	335.3
55°	347.3	354.0	352.1	353.0	345.4	342.0	332.5	325.3	314.8	306.2	299.5
57.5°	304.3	305.7	306.6	308.1	304.7	298.0	290.4	284.6	276.5	269.3	264.5
60°	262.6	262.6	263.1	265.5	262.2	256.4	250.7	246.4	240.6	236.3	233.5
62.5°	223.4	226.8	227.2	225.3	221.0	218.1	214.3	211.9	208.1	206.7	205.7
65°	187.0	187.0	187.0	188.0	185.6	183.7	181.3	180.8	182.3	180.4	181.3
67.5°	156.4	155.0	154.0	154.5	153.6	152.6	152.1	153.6	156.4	156.4	158.8
70°	130.1	127.3	125.3	125.3	125.3	125.8	127.3	130.1	134.9	136.8	140.2
72.5°	108.6	102.4	99.5	99.5	100.0	101.9	106.2	111.5	115.8	119.6	123.9
75°	88.0	81.8	77.5	77.0	78.0	80.8	87.1	91.9	99.0	104.3	109.6
77.5°	71.3	63.6	58.4	57.9	59.3	63.6	71.3	77.5	85.6	91.4	97.1
80°	56.9	48.3	44.0	41.1	43.5	48.8	57.4	65.1	72.7	80.4	87.5
82.5°	45.4	37.3	30.6	27.7	30.6	37.8	45.9	55.0	62.7	70.8	78.0
85°	35.9	27.3	19.6	16.7	20.1	27.7	36.8	45.9	54.5	62.7	69.8
87.5°	28.2	19.6	12.0	8.1	12.4	20.6	29.2	38.3	47.4	55.5	62.7
90°	22.0	13.9	6.7	1.0	7.2	14.8	23.4	32.1	41.1	49.3	56.4
92.5°	18.7	10.5	3.8	0.0	4.3	11.0	19.1	27.7	35.9	44.0	51.2
95°	15.8	8.6	2.9	0.0	2.9	8.6	15.8	23.4	31.6	39.7	46.9
97.5°	13.4	6.7	1.9	0.0	1.9	6.7	12.9	20.6	27.7	35.4	42.1
100°	11.5	5.7	1.4	0.0	1.4	5.3	11.0	17.7	24.9	32.1	38.3
102.5°	10.0	4.8	1.0	0.0	1.0	4.3	9.1	15.3	21.5	28.2	34.4
105°	8.6	3.8	1.0	0.0	0.5	3.3	7.7	13.4	19.1	25.4	31.1
107.5°	7.7	3.3	1.0	0.0	0.5	2.9	6.7	11.5	17.2	22.5	27.7
110°	6.7	2.9	1.0	0.0	0.5	1.9	5.7	10.0	14.8	20.1	25.4

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	5.7	2.4	0.5	0.0	0.0	1.4	4.8	8.6	12.9	18.2	22.5
115°	5.3	2.4	0.5	0.0	0.0	1.0	3.8	7.7	11.5	16.3	20.1
117.5°	4.8	1.9	0.5	0.0	0.5	1.0	3.3	6.7	10.0	13.9	18.2
120°	4.3	1.9	0.5	0.0	0.5	0.5	2.4	5.7	8.6	12.4	15.8
122.5°	3.8	1.9	0.5	0.0	0.5	0.5	1.9	4.8	7.7	11.0	13.9
125°	3.3	1.4	1.0	0.5	0.5	0.5	1.4	3.8	6.7	9.1	12.4
127.5°	3.3	1.4	1.0	0.5	0.5	0.5	1.0	3.3	5.3	8.1	11.0
130°	2.9	1.4	1.0	0.5	0.5	0.5	0.5	2.4	4.8	6.7	9.1
132.5°	2.4	1.4	1.0	0.5	0.5	0.5	0.5	1.4	3.3	5.7	7.7
135°	2.4	1.4	1.0	0.5	0.5	0.5	0.5	1.0	2.4	4.3	6.2
137.5°	1.9	1.0	1.0	0.5	0.5	0.5	0.5	0.5	1.9	3.3	4.8
140°	1.9	1.0	1.0	0.5	0.5	0.5	0.5	0.5	1.4	2.4	3.8
142.5°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	1.0	1.9	2.9
145°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.9
147.5°	1.4	1.4	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.4
150°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
152.5°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
155°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0
157.5°	1.4	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
160°	1.4	1.0	1.0	0.5	1.0	0.5	1.0	1.0	1.0	1.0	1.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	872.1	863.0	867.8	866.4	868.3	872.1	871.6	870.7	870.7	869.2	867.3
5°	869.2	860.6	864.9	862.5	864.9	868.3	867.8	866.4	867.3	864.9	862.5
7.5°	863.5	855.8	859.7	857.7	859.7	863.0	861.6	861.1	862.1	858.2	856.8
10°	856.8	848.2	852.5	850.1	852.5	854.9	853.9	852.0	853.9	850.1	848.7
12.5°	846.3	839.1	842.0	841.0	842.4	844.8	842.9	841.5	842.4	839.1	836.2
15°	834.8	827.6	830.0	828.6	829.5	832.4	829.0	828.6	827.6	824.3	823.3
17.5°	820.0	813.3	815.6	813.3	814.7	813.7	813.3	810.9	810.9	807.0	804.2
20°	801.8	796.0	794.6	792.7	794.6	792.7	789.8	787.9	787.4	783.6	781.2
22.5°	780.7	774.0	775.0	769.7	770.2	767.3	762.5	760.6	758.7	754.4	751.1
25°	755.4	748.7	743.9	740.5	736.2	735.8	729.5	724.8	724.3	719.0	718.5
27.5°	726.7	719.0	715.2	707.1	701.8	697.5	692.2	687.4	685.0	679.3	675.5
30°	693.7	685.0	675.5	669.7	661.6	658.3	649.2	643.4	641.5	635.3	632.4
32.5°	656.3	647.3	639.6	628.6	619.5	614.7	605.6	599.9	597.5	590.8	587.0
35°	615.7	605.6	596.5	586.0	578.8	570.7	559.7	554.0	548.7	546.3	543.4
37.5°	573.1	562.1	551.6	541.1	534.8	525.3	515.7	511.9	505.7	503.3	500.4
40°	529.1	518.1	508.0	498.0	490.8	482.2	473.6	472.2	465.5	463.1	461.2
42.5°	485.6	474.1	462.6	455.4	450.2	441.6	435.8	434.4	428.6	427.2	427.2
45°	446.3	432.0	422.4	416.2	411.9	404.7	399.9	399.0	394.2	393.2	393.2
47.5°	404.2	390.8	383.7	379.8	376.0	370.7	367.9	367.9	363.1	362.1	361.7
50°	365.0	352.6	347.3	343.5	343.0	339.2	336.8	335.8	335.8	332.5	333.0
52.5°	327.7	321.5	317.2	314.8	311.9	309.5	307.6	307.6	306.2	303.8	304.7
55°	293.3	286.1	286.6	284.6	283.2	281.8	282.2	279.4	278.9	277.0	278.4
57.5°	258.8	258.8	257.9	256.4	254.0	255.0	255.0	255.0	252.6	251.2	252.6
60°	229.6	231.1	228.7	230.1	229.1	229.6	228.7	228.7	227.2	226.8	227.2
62.5°	203.8	206.2	205.2	207.1	206.2	206.7	207.6	205.7	204.7	203.8	204.7
65°	180.8	183.7	183.2	184.7	185.1	185.6	186.1	185.1	184.2	183.2	182.7
67.5°	160.7	163.6	165.5	166.0	166.5	167.9	167.4	166.5	165.5	164.1	163.6
70°	142.6	146.4	148.8	149.7	151.6	150.7	150.7	150.2	149.3	147.8	147.3
72.5°	127.3	131.6	133.9	134.9	136.8	136.8	136.3	135.9	134.9	133.5	133.0
75°	113.9	117.7	121.0	122.9	124.4	124.4	123.9	123.4	122.5	121.5	121.0
77.5°	103.3	106.7	109.6	111.9	112.9	113.4	112.9	111.9	111.9	111.5	111.0
80°	92.8	96.6	99.5	101.9	103.3	103.3	102.9	103.3	102.4	101.9	101.4
82.5°	83.7	88.0	91.4	93.8	94.7	95.2	94.7	95.2	94.2	94.2	94.2
85°	75.6	79.9	83.7	85.6	87.1	87.5	87.5	87.5	87.1	87.1	87.1
87.5°	68.9	73.2	77.0	78.9	80.4	80.8	80.8	81.3	80.4	80.4	80.4
90°	62.7	67.0	70.8	72.7	74.1	75.1	75.1	75.6	75.1	74.6	74.6
92.5°	56.9	61.7	65.5	67.5	68.9	70.3	70.3	70.8	69.8	69.8	69.8
95°	52.1	56.9	60.3	62.7	64.1	65.1	65.5	65.5	65.1	65.1	65.1
97.5°	47.8	52.1	55.5	57.9	59.3	59.8	60.3	60.8	60.3	60.3	60.3
100°	43.5	47.8	51.2	53.1	55.0	55.5	56.0	56.4	56.4	56.0	56.0
102.5°	39.7	44.0	46.9	49.3	50.7	51.7	52.1	52.1	52.1	52.1	52.1
105°	35.9	40.2	43.1	45.4	46.9	47.8	48.3	48.8	48.8	48.3	48.3
107.5°	32.5	36.4	39.7	41.6	43.5	44.5	45.0	45.0	45.4	45.0	45.0
110°	29.2	33.5	36.4	38.3	40.2	41.1	41.6	42.1	42.1	42.1	42.1



TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	26.8	30.1	33.0	34.9	36.8	37.8	38.3	38.7	39.2	38.7	38.7
115°	23.9	27.3	30.1	32.1	33.5	34.4	35.4	35.9	35.9	36.4	35.9
117.5°	21.5	24.4	27.3	29.2	30.6	32.1	32.5	33.0	33.5	33.0	33.0
120°	19.1	22.0	24.4	26.3	27.7	29.2	29.7	30.1	30.6	30.1	30.1
122.5°	17.2	19.6	22.0	23.9	25.4	26.3	27.3	27.3	27.7	27.7	27.7
125°	15.3	17.7	19.6	21.5	23.0	23.9	24.4	24.9	24.9	25.4	25.4
127.5°	13.4	15.3	17.7	19.1	20.6	21.5	22.0	22.5	22.5	23.0	23.0
130°	11.5	13.4	15.3	16.7	18.2	19.1	19.6	20.1	20.6	20.6	20.6
132.5°	10.0	12.0	13.4	14.8	15.8	16.7	17.7	18.2	18.2	18.2	18.2
135°	8.1	10.0	11.5	12.9	13.9	14.8	15.3	16.3	16.3	16.3	16.3
137.5°	6.7	8.6	10.0	11.0	12.0	12.9	13.4	13.9	14.4	14.4	14.4
140°	5.3	6.7	8.1	9.6	10.5	11.0	12.0	12.0	12.4	12.4	12.4
142.5°	3.8	5.3	6.2	7.7	8.6	9.6	10.0	10.5	10.5	10.5	10.5
145°	2.9	3.8	4.8	5.7	7.2	7.7	8.1	8.6	9.1	9.1	9.1
147.5°	1.9	2.9	3.3	4.3	5.3	6.2	6.7	7.2	7.7	7.7	7.7
150°	1.4	1.9	2.9	3.3	3.8	4.8	5.7	5.7	6.2	6.2	5.7
152.5°	1.0	1.4	1.9	2.4	2.9	3.3	4.3	4.3	4.8	4.8	4.8
155°	1.0	1.0	1.0	1.4	1.9	2.4	2.9	3.3	3.3	3.3	3.3
157.5°	1.0	1.0	1.0	1.0	1.0	1.4	1.9	2.4	2.4	2.4	2.4
160°	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.4	1.4	1.4
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	868.8	869.7	869.7	868.8	868.3	870.2	867.8	858.7	861.6	862.5	865.4
5°	864.4	865.4	865.4	865.4	864.4	866.4	864.0	854.9	858.2	859.7	861.6
7.5°	858.2	858.7	859.7	859.2	858.2	861.1	858.7	849.6	852.0	854.4	856.8
10°	850.1	850.1	850.6	851.5	850.6	853.0	850.6	842.4	844.8	846.3	849.1
12.5°	839.1	840.0	840.5	840.0	839.6	841.5	840.5	832.9	833.8	836.7	839.6
15°	824.3	824.3	826.7	825.7	825.7	827.6	828.6	820.0	821.4	825.7	828.6
17.5°	806.1	806.6	808.5	809.4	809.0	812.3	812.8	806.1	805.6	810.9	813.7
20°	782.6	783.6	786.0	787.9	787.9	791.7	793.2	788.9	789.3	795.1	796.0
22.5°	753.9	753.9	758.2	761.1	763.5	765.9	770.2	766.4	766.4	774.0	778.3
25°	718.5	721.9	723.3	729.1	732.4	739.1	742.9	743.4	743.9	751.1	753.9
27.5°	679.3	680.3	684.6	691.3	695.1	701.3	708.5	709.9	712.3	721.9	726.2
30°	634.8	637.7	639.6	649.2	654.4	662.6	671.7	675.0	676.9	689.8	695.1
32.5°	589.4	590.3	598.5	603.7	609.9	618.6	629.1	635.3	639.1	652.5	660.2
35°	543.9	545.8	552.5	559.2	565.5	574.1	585.1	593.7	600.4	612.3	622.4
37.5°	502.3	507.1	508.5	515.2	520.0	528.6	536.3	548.7	555.4	567.8	580.8
40°	465.0	466.4	467.4	474.1	477.4	485.6	496.6	504.7	513.8	522.9	538.2
42.5°	428.2	429.1	430.5	434.4	438.2	443.9	452.1	460.2	469.8	483.2	493.2
45°	394.2	395.1	396.1	398.5	401.8	407.1	412.4	418.1	427.7	439.2	449.7
47.5°	362.6	364.5	364.5	365.0	367.4	371.7	375.5	382.7	388.0	394.2	406.2
50°	332.5	333.9	334.4	334.4	335.8	338.7	339.7	344.4	349.2	355.0	363.6
52.5°	304.3	304.3	303.8	305.7	305.7	307.6	308.1	311.0	314.3	320.5	324.3
55°	277.5	277.5	278.9	277.9	277.9	278.9	278.4	278.9	281.8	285.6	288.9
57.5°	251.6	251.2	252.6	251.6	251.2	252.1	253.1	251.2	251.6	255.5	255.5
60°	225.8	226.3	227.7	226.8	226.8	226.8	225.8	224.8	223.9	226.3	227.2
62.5°	205.2	203.8	205.2	203.8	204.7	204.3	203.3	201.4	201.9	200.9	200.0
65°	183.7	183.7	184.2	182.7	183.7	183.7	182.3	181.8	178.9	178.0	175.6
67.5°	165.0	165.0	165.5	164.6	164.6	165.0	163.6	162.2	159.3	157.9	154.5
70°	148.8	148.8	148.8	148.3	148.3	148.3	147.3	145.4	142.6	140.2	135.9
72.5°	133.9	134.4	133.9	133.9	135.4	133.9	132.5	130.6	128.2	123.4	119.6
75°	122.0	122.5	122.0	122.0	122.0	121.5	121.0	118.2	115.3	111.5	105.7
77.5°	111.5	111.5	111.9	111.5	111.5	111.0	109.6	107.2	103.8	100.5	93.8
80°	101.4	101.9	102.4	102.9	101.9	101.4	100.0	98.1	93.8	89.9	83.2
82.5°	94.2	93.8	94.2	94.7	93.8	93.3	91.9	89.5	86.1	80.8	74.1
85°	87.1	86.6	86.6	87.1	86.6	85.6	84.2	81.8	78.5	73.2	66.5
87.5°	79.9	80.4	80.8	80.4	79.9	78.9	77.5	75.1	71.3	67.0	59.8
90°	74.6	74.6	74.6	74.6	74.1	73.2	71.8	68.9	65.5	60.3	54.1
92.5°	69.8	69.8	69.8	69.8	69.4	67.9	66.5	64.1	60.3	55.0	49.3
95°	65.1	65.5	65.1	65.1	64.1	63.6	61.2	58.8	55.5	50.2	44.0
97.5°	59.8	60.3	59.8	59.8	59.3	58.4	56.9	54.1	50.7	45.9	40.2
100°	56.0	56.0	55.5	55.5	55.0	54.1	52.1	49.8	46.4	41.6	35.9
102.5°	51.7	52.1	51.7	51.7	50.7	49.8	48.3	45.9	42.6	37.8	32.5
105°	48.3	48.3	47.8	47.8	46.9	45.9	44.5	41.6	38.7	34.4	29.2
107.5°	45.0	45.0	44.5	44.5	43.5	42.6	40.7	38.3	35.4	31.1	26.3
110°	41.6	41.6	41.6	41.1	40.2	38.7	37.3	34.9	32.1	28.2	23.4



TEST NUMBER: P1213382

CATALOG NUMBER: 4SNLED-LD5-26SL-LN-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	39.2	38.7	38.3	37.8	36.8	35.9	34.0	31.6	28.7	25.4	21.0
115°	35.9	35.9	35.4	34.9	34.0	32.5	31.1	29.2	26.3	22.5	18.7
117.5°	33.0	33.0	32.5	32.1	31.1	29.7	28.2	26.3	23.4	20.1	16.7
120°	30.1	30.1	29.7	29.2	28.2	26.8	25.8	23.4	21.0	17.7	14.8
122.5°	27.7	27.3	27.3	26.3	25.8	24.4	23.0	21.0	18.7	15.8	12.9
125°	24.9	24.9	24.4	23.9	23.4	22.0	20.6	18.7	16.3	13.9	11.5
127.5°	22.5	22.5	22.0	21.5	21.0	19.6	18.2	16.7	14.4	12.0	9.6
130°	20.1	20.1	19.6	19.1	18.7	17.2	16.3	14.4	12.4	10.5	8.1
132.5°	18.2	18.2	17.7	17.2	16.3	15.3	14.4	12.4	11.0	9.1	7.2
135°	16.3	15.8	15.8	15.3	14.4	13.4	12.4	11.0	9.1	7.7	5.7
137.5°	14.4	13.9	13.4	12.9	12.4	11.5	10.5	9.6	8.1	6.2	4.8
140°	12.4	12.0	12.0	11.5	10.5	10.0	9.1	7.7	6.7	5.3	3.8
142.5°	10.5	10.5	10.0	9.6	9.1	8.6	7.7	6.7	5.3	4.3	2.9
145°	9.1	8.6	8.6	8.1	7.7	6.7	6.2	5.3	4.3	3.3	2.4
147.5°	7.2	7.2	7.2	6.7	6.2	5.7	5.3	4.3	3.3	2.4	1.4
150°	5.7	5.7	5.7	5.3	4.8	4.3	3.8	3.3	2.4	1.4	1.0
152.5°	4.8	4.8	4.3	4.3	3.8	3.3	2.9	2.4	1.4	1.0	1.0
155°	3.3	3.3	3.3	2.9	2.9	2.4	1.9	1.4	1.0	1.0	1.0
157.5°	2.4	2.4	2.4	1.9	1.9	1.4	1.4	1.0	1.0	1.0	1.0
160°	1.4	1.4	1.4	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	869.7	869.7	869.7	869.7	869.7	869.7	869.7
2.5°	864.0	863.5	867.3	867.3	863.0	869.7	876.9
5°	861.1	860.6	864.4	864.4	860.6	867.3	875.0
7.5°	855.4	855.8	859.7	860.6	855.8	862.1	870.2
10°	849.1	848.7	853.0	853.9	850.1	855.8	863.5
12.5°	839.1	839.1	843.4	844.8	841.0	847.7	854.9
15°	828.6	828.6	831.4	833.8	830.5	836.7	843.9
17.5°	815.2	814.7	817.6	820.4	817.1	823.8	831.4
20°	797.9	797.9	801.3	804.6	802.3	808.5	817.1
22.5°	779.8	777.9	783.6	786.0	784.6	790.8	799.4
25°	756.8	756.3	762.1	765.4	763.5	770.2	777.9
27.5°	731.9	731.5	737.2	741.5	740.5	746.8	755.4
30°	701.8	704.2	709.4	716.6	714.2	720.9	730.0
32.5°	670.2	672.6	678.8	686.5	687.0	692.2	701.3
35°	632.4	638.6	643.0	653.0	654.9	660.2	669.7
37.5°	592.7	599.9	609.0	616.6	620.5	624.8	635.8
40°	548.2	558.8	568.8	577.9	582.7	587.0	597.5
42.5°	508.0	516.2	525.7	534.8	543.4	547.3	558.3
45°	462.6	472.2	480.8	491.8	500.4	504.7	515.7
47.5°	418.1	427.7	439.2	446.8	455.9	460.2	470.7
50°	375.5	384.1	393.7	402.8	410.5	414.3	423.4
52.5°	333.4	342.5	351.6	357.4	365.5	368.4	376.0
55°	296.1	302.3	310.5	313.8	322.0	323.9	329.1
57.5°	260.2	264.5	267.4	273.2	278.9	283.2	289.4
60°	227.7	229.6	231.5	234.9	239.7	241.1	243.5
62.5°	198.5	198.1	201.9	202.8	203.3	208.1	205.7
65°	172.7	173.2	169.8	168.4	170.3	171.7	170.8
67.5°	151.2	148.3	145.4	142.1	139.2	140.6	139.2
70°	130.1	127.7	122.9	118.2	116.2	113.4	111.9
72.5°	113.4	107.6	102.9	96.6	93.3	89.9	87.5
75°	100.5	92.3	85.6	78.9	74.1	69.4	68.4
77.5°	87.1	79.4	71.8	64.6	57.4	52.1	50.2
80°	76.5	69.4	60.3	51.7	44.0	37.3	34.9
82.5°	67.0	59.3	50.2	41.1	32.5	25.4	22.5
85°	58.8	50.7	41.6	32.5	23.9	16.3	12.4
87.5°	52.6	43.5	34.4	25.8	16.7	9.1	4.8
90°	46.9	38.3	29.7	20.6	12.0	4.8	0.0
92.5°	41.6	33.5	24.9	16.7	9.1	2.9	0.5
95°	36.8	29.7	21.0	13.4	6.7	1.9	0.5
97.5°	33.0	25.8	18.2	11.0	5.3	1.4	0.5
100°	29.7	22.5	15.8	9.1	4.3	1.0	0.5
102.5°	26.3	20.1	13.4	7.7	3.3	0.5	0.5
105°	23.4	17.7	11.5	6.7	2.9	0.5	0.5
107.5°	21.0	15.8	10.0	5.7	1.9	0.5	0.5
110°	18.7	13.4	8.6	4.8	1.4	0.5	0.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	16.7	12.0	7.7	3.8	1.0	0.5	0.5
115°	14.8	10.5	6.7	3.3	1.0	0.5	0.5
117.5°	12.9	9.1	5.7	2.4	0.5	0.5	0.5
120°	11.5	8.1	4.8	1.9	0.5	0.5	0.5
122.5°	10.0	6.7	3.8	1.4	0.5	0.5	0.5
125°	8.6	5.7	3.3	1.0	0.5	0.5	0.5
127.5°	7.2	4.8	2.4	1.0	0.5	0.5	0.5
130°	6.2	3.8	1.9	0.5	0.5	0.5	0.5
132.5°	5.3	2.9	1.4	0.5	0.5	0.5	0.5
135°	4.3	2.4	1.0	0.5	0.5	0.5	0.5
137.5°	3.3	1.9	1.0	0.5	0.5	0.5	0.5
140°	2.4	1.4	0.5	0.5	0.5	0.5	0.5
142.5°	1.9	1.0	0.5	0.5	0.5	0.5	0.5
145°	1.4	1.0	0.5	0.5	0.5	0.5	0.5
147.5°	1.0	1.0	1.0	1.0	0.5	0.5	0.5
150°	1.0	1.0	0.5	0.5	1.0	0.5	0.5
152.5°	1.0	0.5	0.5	0.5	1.0	0.5	0.5
155°	1.0	1.0	1.0	1.0	1.0	1.0	0.5
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)