

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: P1213687

Luminaire Tested: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1213687
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: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

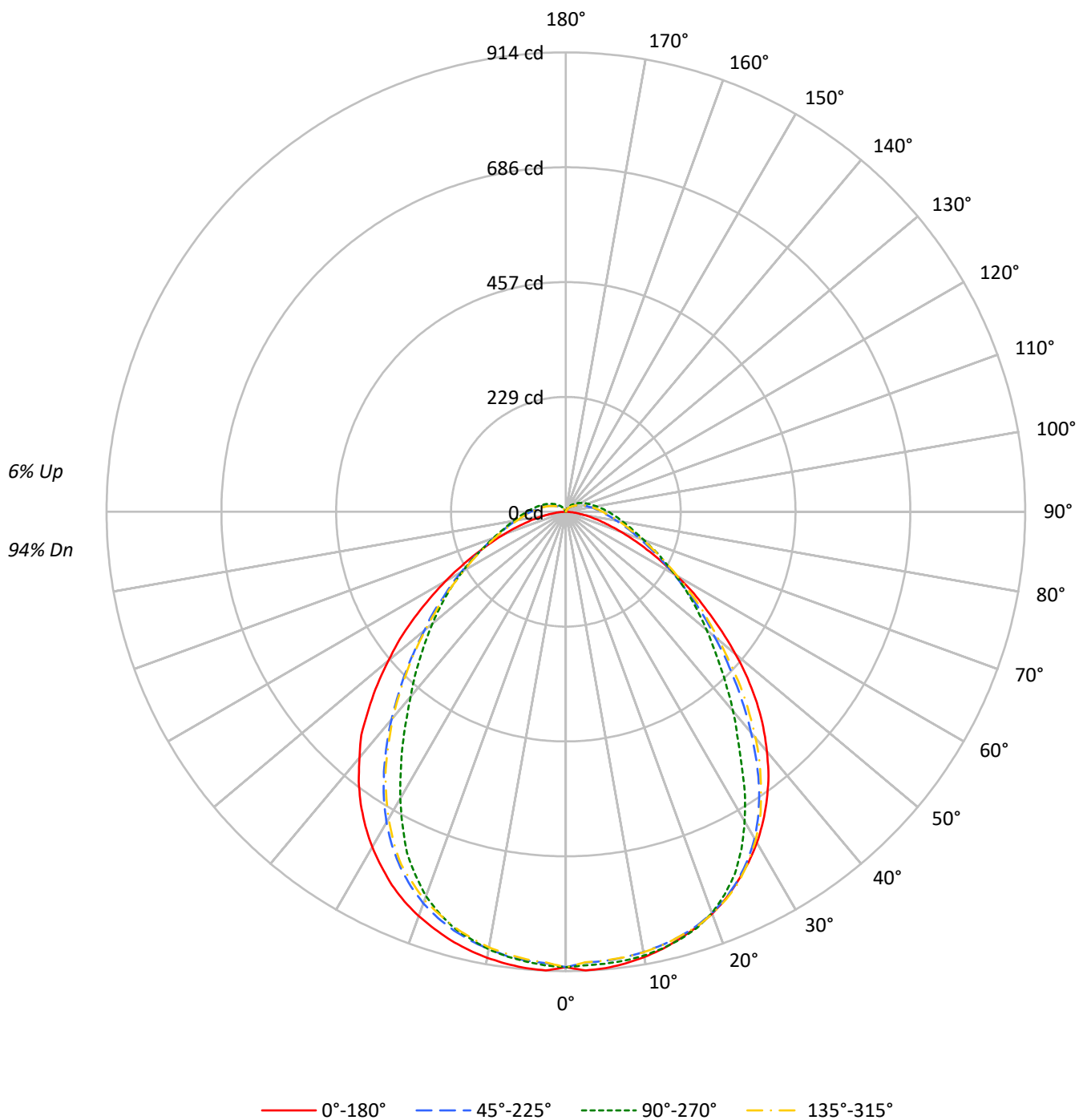
Lumens per Lamp: N/A
Luminaire Lumens: 2293.0 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.14 / 1.24
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

Input Watts (W): 21
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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

Luminous Intensity Polar Plot



TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-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	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°	14644	14644	14644	14644
5°	14708	14178	14708	14115
10°	14603	13801	14627	13609
15°	14467	13388	14533	13040
20°	14314	12858	14398	12316
25°	14042	12071	14197	11361
30°	13698	10916	13879	10106
35°	13189	9499	13444	8846
40°	12479	8308	12808	7708
45°	11558	7222	11933	6809
50°	10322	6346	10776	6026
55°	8870	5604	9514	5322
60°	7400	4921	8068	4637
65°	5999	4350	6606	4034
70°	4702	3862	5267	3571
75°	3610	3566	4061	3280
80°	2501	3439	2948	3144
85°	1406	3460	1882	3179

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 11933 cd/sqm

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	3.7
10°-20°	246.3	10.7
20°-30°	365.0	15.9
30°-40°	405.6	17.7
40°-50°	367.6	16.0
50°-60°	284.9	12.4
60°-70°	193.5	8.4
70°-80°	123.1	5.4
80°-90°	78.7	3.4
90°-100°	53.1	2.3
100°-110°	36.3	1.6
110°-120°	24.2	1.1
120°-130°	15.1	0.7
130°-140°	8.3	0.4
140°-150°	3.9	0.2
150°-160°	1.4	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	697.3	30.4
0°-40°	1102.8	48.1
0°-60°	1755.3	76.6
0°-90°	2150.5	93.8
90°-120°	113.6	5.0
90°-150°	141.0	6.1
90°-180°	143.0	6.2
0°-180°	2293.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	906	906	906	906	906	
5°	912	903	912	899	912	87
15°	879	881	883	858	879	248
25°	810	795	819	749	810	373
35°	698	608	711	566	698	435
45°	537	435	555	410	537	413
55°	343	306	368	290	343	309
65°	178	205	196	190	178	178
75°	71	137	80	126	71	77
85°	13	99	17	91	13	16
90°	0	85	1	78	0	1
95°	0	73	0	68	0	0
105°	0	53	0	50	0	1
115°	0	40	0	37	0	0
125°	0	30	0	26	0	0
135°	0	21	0	17	0	0
145°	0	14	0	10	0	0
155°	0	8	0	4	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	913.5	912.5	911.5	910.0	911.5	915.5	913.0	907.6	906.6	897.6	901.6
5°	911.5	910.0	909.1	907.6	909.5	914.5	912.0	907.1	905.6	897.1	901.6
7.5°	906.6	905.6	904.1	904.1	906.1	911.0	909.1	903.6	902.6	894.1	899.1
10°	899.6	899.1	898.1	898.1	900.1	906.1	903.6	898.6	897.6	889.6	895.1
12.5°	890.6	891.1	889.6	889.6	892.6	898.6	896.6	891.1	890.1	883.1	888.6
15°	879.1	879.6	878.6	879.1	882.1	889.1	886.6	881.6	880.6	875.2	879.6
17.5°	866.2	866.7	866.7	866.2	869.7	876.7	874.7	870.2	868.7	864.2	869.7
20°	851.2	851.2	851.2	851.2	855.2	862.2	859.7	856.2	853.2	849.7	854.2
22.5°	832.8	832.3	832.8	834.3	838.3	843.8	842.3	838.3	833.8	831.8	835.3
25°	810.4	811.9	812.4	813.9	818.8	823.3	821.8	817.8	810.9	809.4	810.4
27.5°	786.9	787.9	789.4	788.9	795.9	800.4	797.4	793.9	784.0	782.5	781.5
30°	760.5	762.0	763.0	762.5	768.0	773.0	770.0	765.5	752.1	751.1	743.1
32.5°	730.6	732.1	733.1	733.1	741.1	743.1	737.6	731.1	716.7	713.2	706.2
35°	697.7	699.2	699.7	699.7	707.7	707.2	700.2	691.3	675.3	670.8	658.9
37.5°	662.4	663.3	663.8	666.8	670.3	667.3	658.4	646.9	634.9	622.5	609.5
40°	622.5	624.0	625.0	627.0	630.5	627.0	614.0	600.1	587.1	573.1	560.2
42.5°	581.6	586.1	585.1	584.6	586.6	577.1	567.2	551.2	538.3	523.8	510.8
45°	537.3	536.8	539.3	540.2	539.7	531.8	517.8	503.4	490.4	475.5	464.5
47.5°	490.4	489.9	491.9	492.9	489.9	481.4	470.5	454.0	443.1	430.1	421.6
50°	441.1	441.1	444.1	441.1	439.6	431.1	422.1	405.7	397.2	385.7	380.8
52.5°	391.7	396.2	393.2	392.2	390.7	382.3	375.3	361.8	354.8	349.9	343.9
55°	342.9	347.9	345.9	344.4	343.9	336.9	330.4	320.5	316.0	312.5	309.0
57.5°	301.5	301.0	300.0	298.5	299.0	293.5	287.1	281.6	279.6	278.1	279.1
60°	253.7	257.7	256.2	256.7	257.2	256.2	250.7	247.2	247.7	248.2	249.7
62.5°	214.3	217.8	220.3	218.3	219.3	220.8	217.8	216.8	218.8	220.8	222.8
65°	177.9	181.4	183.9	183.4	186.4	189.4	188.9	189.9	194.4	196.9	199.4
67.5°	145.0	148.5	152.0	152.5	157.0	161.5	163.5	167.0	171.9	175.4	178.4
70°	116.6	119.6	123.6	126.1	132.1	138.1	141.5	148.5	151.5	156.5	158.5
72.5°	91.2	93.7	99.2	105.2	110.1	117.6	124.6	130.6	135.1	140.5	143.0
75°	71.3	72.3	78.2	85.2	92.2	100.7	108.1	114.6	120.6	126.1	130.1
77.5°	52.3	53.8	59.3	68.8	76.8	85.7	94.2	101.2	107.7	113.1	118.6
80°	36.4	39.4	45.4	54.8	63.8	73.8	81.7	89.7	96.7	102.2	107.7
82.5°	23.4	25.9	34.4	43.9	53.3	63.3	71.8	79.7	87.2	93.2	98.2
85°	13.0	16.4	24.9	34.9	44.4	54.3	63.3	71.3	78.7	84.2	89.2
87.5°	5.0	10.0	17.9	27.4	36.9	46.3	55.8	63.3	70.8	76.8	81.2
90°	0.0	6.0	13.5	22.9	32.4	41.9	50.8	58.8	65.8	71.3	76.3
92.5°	0.5	4.0	10.5	18.4	27.4	36.4	44.9	52.8	59.8	65.3	69.8
95°	0.5	3.0	8.5	15.9	23.9	32.4	40.4	47.8	54.3	59.8	64.3
97.5°	0.5	2.0	7.0	14.0	20.9	29.4	36.9	43.9	49.8	55.3	58.8
100°	0.5	2.0	6.0	12.0	18.9	26.4	33.4	40.4	45.9	50.3	54.3
102.5°	0.5	1.5	5.0	10.5	16.9	23.4	30.4	36.9	41.9	46.3	50.3
105°	0.5	1.5	4.5	9.0	15.0	21.4	27.4	33.4	38.9	42.9	46.3
107.5°	0.5	1.0	4.0	7.5	13.0	19.4	25.4	30.4	35.4	39.4	42.9
110°	0.5	1.0	3.5	7.0	11.5	17.4	22.9	27.9	32.4	36.4	39.4

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	1.0	3.0	6.5	10.5	15.4	20.9	25.4	29.9	33.4	36.4
115°	0.5	1.0	3.0	6.0	9.5	13.5	18.4	23.4	26.9	30.9	33.4
117.5°	0.5	1.0	2.5	5.0	9.0	12.5	16.9	20.9	24.9	28.4	30.9
120°	0.5	1.0	2.5	4.5	8.0	11.5	15.0	18.9	22.9	25.4	27.9
122.5°	0.5	1.0	2.0	4.5	7.0	10.5	13.5	16.9	20.4	23.4	25.9
125°	0.5	1.0	2.0	4.0	6.5	9.5	12.5	15.0	18.4	20.9	23.4
127.5°	0.5	1.0	2.0	3.5	6.0	8.5	11.5	14.0	16.4	18.9	20.9
130°	0.5	1.0	1.5	3.0	5.5	7.5	10.0	13.0	15.0	16.9	18.9
132.5°	0.5	1.0	1.5	3.0	4.5	6.5	9.0	11.5	13.5	15.4	16.9
135°	0.5	1.0	1.5	2.5	4.0	6.0	7.5	10.0	12.0	14.0	15.4
137.5°	0.5	1.0	1.5	2.5	3.5	5.0	6.5	8.5	10.5	12.0	14.0
140°	0.5	1.0	1.5	2.0	3.0	4.5	6.0	7.0	9.0	10.5	12.0
142.5°	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.5	9.0	10.5
145°	0.5	1.0	1.5	2.0	2.5	3.5	4.5	5.5	6.0	7.5	8.5
147.5°	0.5	1.0	1.5	2.0	2.0	3.0	4.0	4.5	5.5	6.0	7.0
150°	0.5	1.0	1.5	1.5	2.0	2.5	3.5	4.0	4.5	5.5	6.0
152.5°	0.5	1.0	1.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
155°	0.5	1.0	1.5	1.5	1.5	2.0	2.5	3.0	3.5	4.0	4.5
157.5°	1.0	1.0	1.0	1.5	1.5	2.0	2.0	2.5	3.0	3.0	3.5
160°	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.5	2.5	3.0
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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	900.6	902.1	906.6	906.6	905.6	904.6	904.6	903.1	904.1	906.1	905.1
5°	900.6	902.1	906.6	906.6	905.6	904.6	904.1	902.6	904.1	906.1	905.1
7.5°	897.6	899.6	904.1	904.1	903.1	902.6	901.6	900.6	902.1	904.1	903.1
10°	893.6	895.6	900.1	900.1	899.1	899.1	897.6	896.6	898.6	900.1	899.6
12.5°	887.6	890.1	894.1	893.6	892.6	893.1	891.6	889.6	891.6	893.1	893.6
15°	879.1	882.1	886.1	885.1	883.6	884.6	882.1	880.6	882.1	885.1	884.6
17.5°	868.2	870.2	873.2	873.2	871.7	870.7	869.7	868.2	869.2	871.2	871.7
20°	852.7	855.2	856.7	855.2	854.7	853.2	851.2	849.7	851.7	854.7	855.2
22.5°	832.3	832.8	836.3	832.8	830.3	829.8	827.8	824.8	827.8	830.3	830.8
25°	806.9	809.4	807.9	801.9	801.9	797.9	796.9	795.4	795.9	800.4	802.4
27.5°	774.5	775.5	771.5	766.5	762.0	759.5	756.0	756.5	756.5	762.5	764.5
30°	739.1	733.6	730.1	722.2	718.7	712.7	711.7	711.7	710.7	713.7	722.7
32.5°	696.7	689.3	683.8	676.3	670.3	664.3	661.4	662.8	662.4	669.8	672.8
35°	650.4	645.9	634.4	625.0	621.5	612.5	612.5	608.0	611.0	619.5	623.0
37.5°	601.5	594.6	585.1	574.6	572.1	565.2	562.7	560.2	566.7	568.2	571.6
40°	551.7	545.2	536.3	526.3	526.3	517.8	517.8	517.8	518.3	521.3	527.8
42.5°	504.4	497.4	489.4	482.4	481.4	475.0	475.0	474.5	475.5	477.9	483.9
45°	458.5	453.0	444.6	441.1	441.6	434.6	436.1	434.6	436.6	439.1	441.1
47.5°	416.1	412.7	409.2	404.2	402.7	402.2	399.7	397.7	401.2	401.2	404.2
50°	376.8	374.8	372.8	369.8	370.3	368.3	365.3	365.3	367.8	368.3	370.3
52.5°	342.4	339.9	337.4	337.9	338.4	337.4	335.9	334.4	335.9	336.9	339.4
55°	308.0	306.0	308.5	307.5	308.5	307.5	306.5	305.5	308.0	306.5	309.0
57.5°	277.1	279.1	280.1	278.1	279.6	278.6	279.1	277.6	279.6	280.6	280.1
60°	248.7	251.7	250.2	250.7	252.7	251.7	249.7	251.2	253.2	253.7	253.2
62.5°	222.8	226.3	227.8	226.8	227.3	226.3	227.8	225.8	228.3	229.3	227.8
65°	199.4	203.3	204.3	204.3	204.3	203.3	204.8	205.3	206.3	206.3	205.3
67.5°	179.4	182.9	183.9	184.9	183.9	182.9	182.9	183.4	185.4	186.4	185.4
70°	161.5	165.0	165.5	165.5	166.0	167.0	165.0	166.0	167.5	168.0	167.5
72.5°	146.0	149.5	150.5	150.0	150.5	151.0	151.0	150.0	151.5	152.5	152.5
75°	133.6	135.6	136.6	136.6	137.1	137.6	137.6	137.1	138.1	138.6	139.0
77.5°	122.1	123.6	125.1	125.1	125.6	125.1	126.1	126.1	126.6	127.1	127.6
80°	110.6	112.6	113.6	114.1	115.1	115.6	115.6	115.6	116.1	116.6	116.6
82.5°	101.7	103.2	104.7	106.2	106.2	106.7	106.7	106.7	107.2	107.2	107.7
85°	92.7	94.7	96.2	97.2	97.7	98.2	98.2	98.7	98.7	98.7	99.2
87.5°	84.7	87.2	88.2	89.2	89.7	90.7	90.7	90.7	91.2	91.2	91.2
90°	79.2	81.7	82.7	83.7	84.2	84.7	84.7	85.2	85.2	85.7	85.7
92.5°	72.8	75.3	77.2	77.2	77.7	78.7	78.2	78.2	78.7	79.2	79.2
95°	67.8	69.8	71.3	71.8	72.3	72.3	72.3	72.8	72.3	72.8	72.8
97.5°	61.8	63.8	65.3	66.3	66.8	66.8	66.8	67.3	66.8	67.3	67.3
100°	56.8	58.8	60.3	60.8	61.8	61.8	61.8	61.8	61.8	61.8	62.3
102.5°	52.8	54.8	55.8	56.3	56.8	57.3	57.3	57.3	57.3	57.8	57.8
105°	48.8	50.8	51.8	52.3	52.8	53.3	53.3	53.3	53.8	53.8	53.3
107.5°	45.4	46.8	47.8	48.8	49.3	49.3	49.8	49.8	49.8	49.8	49.8
110°	41.9	43.4	44.9	45.9	45.9	46.3	46.3	46.8	46.8	46.3	46.8

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	38.4	40.4	41.4	42.4	42.9	43.4	43.4	43.4	43.4	43.4	43.4
115°	35.4	37.4	38.4	39.4	39.9	40.4	40.4	40.4	40.4	40.4	40.4
117.5°	32.9	34.9	35.9	36.4	36.9	37.4	37.9	37.9	37.9	37.9	37.4
120°	30.4	31.9	32.9	33.9	34.4	34.9	34.9	34.9	34.9	34.9	34.9
122.5°	27.9	29.4	30.4	31.4	31.9	32.4	32.4	32.4	32.4	32.4	32.4
125°	25.4	26.9	27.9	28.9	29.4	29.9	29.9	29.9	29.9	29.9	29.9
127.5°	22.9	24.4	25.9	26.4	26.9	27.4	27.4	27.4	27.9	27.4	27.4
130°	20.4	21.9	23.4	23.9	24.4	24.9	25.4	25.4	25.4	25.4	24.9
132.5°	18.4	19.9	20.9	21.4	22.4	22.4	22.9	22.9	22.9	22.9	22.4
135°	16.9	17.9	18.9	19.4	20.4	20.4	20.4	20.9	20.9	20.4	19.9
137.5°	15.0	15.9	16.9	17.4	17.9	18.4	18.4	18.9	18.4	18.4	18.4
140°	14.0	14.5	15.4	15.9	16.4	16.4	16.4	16.9	16.9	16.4	16.4
142.5°	12.0	13.0	14.0	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0
145°	10.0	11.5	12.0	13.0	13.0	13.5	13.5	13.5	13.5	13.5	13.0
147.5°	8.5	9.5	11.0	11.5	11.5	12.0	12.0	12.0	12.0	12.0	11.5
150°	6.5	7.5	9.0	10.0	10.0	10.5	10.5	10.5	10.5	10.0	10.0
152.5°	5.5	6.5	7.0	8.0	8.5	8.5	8.5	9.0	8.5	8.5	8.5
155°	5.0	5.5	6.0	6.5	7.0	7.5	7.5	7.5	7.5	7.0	7.0
157.5°	4.0	4.5	5.0	5.5	6.0	6.5	6.5	6.5	6.5	6.5	6.0
160°	3.0	3.5	4.0	4.0	4.5	5.0	5.5	5.0	5.0	5.0	5.0
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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	904.1	903.6	905.1	902.6	895.1	897.1	896.1	900.6	901.6	902.6	907.1
5°	904.1	903.6	904.6	902.6	894.6	896.1	895.1	899.6	900.6	901.1	905.6
7.5°	902.1	901.6	903.1	900.6	892.1	894.1	892.6	897.1	897.6	898.1	902.1
10°	898.1	897.6	898.6	896.6	888.1	890.1	888.1	892.6	892.6	893.6	896.6
12.5°	892.1	891.1	893.1	890.6	881.1	883.6	882.6	885.6	886.1	886.6	889.6
15°	883.6	882.6	884.1	882.6	874.2	874.7	873.2	877.7	878.2	877.2	880.1
17.5°	871.2	870.2	873.2	872.2	863.7	865.7	865.2	866.2	867.7	865.2	869.2
20°	855.7	856.7	857.7	858.2	851.7	851.7	851.2	853.2	854.7	852.7	855.7
22.5°	832.8	835.3	838.3	839.3	834.8	834.3	837.3	836.3	837.8	836.8	838.8
25°	803.9	808.9	811.9	814.9	812.4	813.4	817.8	818.8	818.8	818.3	820.3
27.5°	768.0	774.5	780.0	786.4	784.0	785.9	793.4	794.4	796.4	794.4	798.4
30°	725.1	731.1	741.6	751.1	752.1	755.1	765.5	766.5	772.0	770.0	771.5
32.5°	682.3	685.3	697.2	706.7	712.7	720.2	731.6	733.6	741.1	742.6	742.6
35°	628.5	636.9	647.9	661.4	668.8	676.8	692.3	695.2	706.2	709.7	713.7
37.5°	583.1	591.1	598.1	612.0	625.5	634.4	646.9	654.4	665.8	672.3	677.3
40°	534.8	541.2	548.7	562.7	574.1	587.6	600.1	609.0	623.5	631.0	637.4
42.5°	488.9	493.9	501.9	511.8	523.8	538.8	550.7	561.2	576.6	587.1	594.6
45°	448.0	451.0	458.0	465.5	476.0	491.4	502.9	516.3	528.8	539.7	548.7
47.5°	409.7	413.7	417.1	422.1	431.6	441.1	454.5	467.5	479.9	491.9	500.9
50°	374.3	374.3	379.8	383.3	389.7	398.2	408.7	417.6	433.1	441.6	453.0
52.5°	339.9	341.9	344.9	346.9	351.9	357.3	365.8	373.3	386.2	394.2	405.2
55°	309.5	311.5	313.0	314.0	317.0	323.5	326.4	332.4	341.4	347.9	357.3
57.5°	280.6	281.6	283.1	283.6	284.1	288.1	290.6	292.1	301.0	307.5	315.5
60°	254.2	254.2	255.7	255.2	254.7	256.7	256.2	257.7	263.1	267.1	270.6
62.5°	229.3	229.3	229.8	228.8	228.3	228.3	226.3	227.8	229.3	229.8	232.2
65°	206.3	208.8	206.8	207.3	204.3	203.3	202.3	199.4	198.9	196.9	197.9
67.5°	185.9	187.9	185.9	185.9	183.4	181.4	178.9	173.9	172.4	168.5	167.5
70°	169.5	168.0	169.0	167.5	164.5	162.0	158.5	154.5	149.5	144.5	141.0
72.5°	153.5	153.5	152.5	151.0	149.5	144.5	140.5	136.1	130.1	123.6	118.6
75°	138.1	138.6	138.6	137.1	134.6	130.1	125.6	119.1	112.6	105.2	98.7
77.5°	127.1	127.1	127.1	124.6	122.1	118.1	112.6	105.7	98.7	89.7	82.2
80°	116.6	116.1	116.1	113.1	110.6	106.2	100.7	93.7	86.2	76.8	68.3
82.5°	108.1	107.7	106.7	104.2	100.7	96.2	90.7	83.2	75.3	66.8	56.3
85°	99.2	98.7	97.7	95.2	91.7	87.7	81.7	74.3	66.3	56.8	46.8
87.5°	91.2	90.7	89.2	87.7	83.7	79.2	73.3	66.3	57.8	48.8	38.9
90°	85.7	84.7	83.7	81.7	78.2	73.3	67.3	59.8	51.3	42.4	32.4
92.5°	79.2	78.7	77.2	75.3	72.3	67.3	61.3	54.3	45.9	37.4	27.9
95°	72.8	72.3	71.3	69.3	66.3	61.8	56.3	49.3	41.4	32.9	24.4
97.5°	66.8	66.8	65.3	63.8	60.3	56.8	51.3	44.9	37.4	29.9	21.9
100°	61.8	61.8	60.3	58.3	55.8	52.3	46.8	40.9	33.9	26.9	18.9
102.5°	57.3	56.8	55.8	53.8	51.3	47.8	42.9	37.4	30.9	23.9	16.9
105°	53.3	52.8	51.8	49.8	47.8	43.9	39.9	34.4	27.9	21.4	15.0
107.5°	49.3	48.8	48.3	46.3	43.9	40.4	36.4	30.9	25.4	19.4	13.5
110°	45.9	45.4	44.4	42.4	39.9	36.9	32.9	28.4	22.9	17.4	12.0

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	42.9	42.4	41.4	39.4	37.4	33.9	30.4	25.4	20.9	15.9	10.5
115°	39.9	39.4	38.4	36.4	33.9	30.9	27.4	23.4	18.4	14.0	9.5
117.5°	36.9	36.4	35.4	33.9	31.4	28.4	24.9	20.9	16.4	13.0	8.5
120°	34.4	33.4	32.4	30.9	28.4	25.9	22.4	18.9	15.0	11.5	7.5
122.5°	31.9	30.9	29.9	28.4	25.9	23.4	19.9	16.9	14.0	10.5	7.0
125°	28.9	28.4	27.4	25.9	23.4	20.9	18.4	15.4	12.5	9.5	6.0
127.5°	26.4	25.9	24.9	22.9	20.9	18.9	16.4	14.0	11.0	8.0	5.5
130°	24.4	23.4	22.4	20.9	19.4	17.4	15.0	12.5	10.0	7.0	5.0
132.5°	21.9	20.9	19.9	18.9	17.4	15.4	13.5	11.0	9.0	6.5	4.5
135°	19.9	18.9	17.9	16.9	15.4	14.0	12.0	10.0	8.0	6.0	4.0
137.5°	17.4	16.9	16.4	15.4	14.0	12.5	11.0	8.5	7.0	5.5	3.5
140°	15.9	15.4	15.0	13.5	12.5	11.0	9.5	7.5	6.0	4.5	3.0
142.5°	14.5	14.0	13.0	12.0	11.0	10.0	8.0	7.0	5.5	4.0	3.0
145°	12.5	12.0	11.5	10.5	9.5	8.0	7.0	6.0	5.0	3.5	2.5
147.5°	11.5	11.0	10.0	9.0	8.0	7.0	6.5	5.5	4.0	3.0	2.0
150°	9.5	9.0	8.5	7.5	7.0	6.5	5.5	4.5	3.5	2.5	2.0
152.5°	8.0	7.5	7.0	7.0	6.0	5.5	4.5	4.0	3.0	2.5	1.5
155°	7.0	7.0	6.5	6.0	5.0	4.5	4.0	3.0	2.5	2.0	1.5
157.5°	6.0	5.5	5.0	5.0	4.5	4.0	3.0	2.5	2.0	2.0	1.5
160°	5.0	4.5	4.5	4.0	3.5	3.0	2.5	2.5	2.0	1.5	1.5
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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	907.6	902.1	907.1	913.5	913.5	912.5	911.5	913.5	918.5	916.5	910.5
5°	906.1	900.6	905.1	911.5	911.5	910.0	909.1	910.5	916.0	913.5	908.1
7.5°	903.1	898.1	901.1	907.1	907.1	905.6	904.6	906.6	911.0	908.6	902.6
10°	897.6	892.1	895.6	901.1	900.6	899.6	898.1	900.6	904.6	901.1	894.1
12.5°	890.6	885.1	888.1	893.1	892.6	890.6	889.6	891.1	894.6	892.6	885.1
15°	881.1	875.7	878.2	883.1	881.6	880.1	878.2	878.6	883.1	879.6	871.7
17.5°	869.7	863.7	865.7	870.2	868.7	867.2	864.7	865.2	870.2	865.2	856.7
20°	855.7	849.2	850.7	856.2	853.7	851.2	848.7	848.7	853.7	848.2	838.8
22.5°	840.8	834.3	835.3	839.3	837.3	832.8	830.3	831.8	834.3	827.3	817.3
25°	822.3	813.9	815.4	819.3	817.8	811.9	809.4	810.4	809.4	803.9	793.4
27.5°	800.9	791.9	792.9	795.4	793.4	787.9	785.0	785.5	783.5	776.5	764.5
30°	774.0	769.5	769.0	770.5	767.5	762.0	758.5	757.5	757.0	747.1	732.6
32.5°	746.6	742.6	740.1	742.1	738.6	733.1	727.1	727.1	722.2	712.7	700.2
35°	718.7	712.2	709.7	711.2	707.2	700.2	695.2	692.8	685.3	673.3	659.9
37.5°	682.8	678.3	675.3	676.8	672.3	667.3	657.9	655.4	647.4	631.0	614.0
40°	643.9	640.4	637.4	638.9	633.9	626.5	618.0	614.0	605.0	586.6	573.1
42.5°	602.0	600.6	597.1	602.5	592.6	585.1	576.6	570.2	561.2	541.2	525.8
45°	557.7	561.2	553.2	554.7	548.2	541.7	532.8	523.3	514.3	495.4	477.9
47.5°	510.8	513.3	507.9	508.8	501.9	495.9	487.9	476.0	466.0	449.5	434.1
50°	462.5	461.5	461.5	460.5	455.0	447.5	439.6	428.6	418.6	403.7	390.7
52.5°	411.2	413.2	414.2	416.6	409.7	405.2	392.7	383.3	375.8	360.3	349.4
55°	361.8	368.8	366.8	367.8	359.8	356.3	346.4	338.9	327.9	319.0	312.0
57.5°	317.0	318.5	319.5	321.0	317.5	310.5	302.5	296.5	288.1	280.6	275.6
60°	273.6	273.6	274.1	276.6	273.1	267.1	261.2	256.7	250.7	246.2	243.2
62.5°	232.7	236.2	236.7	234.7	230.3	227.3	223.3	220.8	216.8	215.3	214.3
65°	194.9	194.9	194.9	195.9	193.4	191.4	188.9	188.4	189.9	187.9	188.9
67.5°	163.0	161.5	160.5	161.0	160.0	159.0	158.5	160.0	163.0	163.0	165.5
70°	135.6	132.6	130.6	130.6	130.6	131.1	132.6	135.6	140.5	142.5	146.0
72.5°	113.1	106.7	103.7	103.7	104.2	106.2	110.6	116.1	120.6	124.6	129.1
75°	91.7	85.2	80.7	80.2	81.2	84.2	90.7	95.7	103.2	108.6	114.1
77.5°	74.3	66.3	60.8	60.3	61.8	66.3	74.3	80.7	89.2	95.2	101.2
80°	59.3	50.3	45.9	42.9	45.4	50.8	59.8	67.8	75.8	83.7	91.2
82.5°	47.3	38.9	31.9	28.9	31.9	39.4	47.8	57.3	65.3	73.8	81.2
85°	37.4	28.4	20.4	17.4	20.9	28.9	38.4	47.8	56.8	65.3	72.8
87.5°	29.4	20.4	12.5	8.5	13.0	21.4	30.4	39.9	49.3	57.8	65.3
90°	22.9	14.5	7.0	1.0	7.5	15.4	24.4	33.4	42.9	51.3	58.8
92.5°	19.4	11.0	4.0	0.0	4.5	11.5	19.9	28.9	37.4	45.9	53.3
95°	16.4	9.0	3.0	0.0	3.0	9.0	16.4	24.4	32.9	41.4	48.8
97.5°	14.0	7.0	2.0	0.0	2.0	7.0	13.5	21.4	28.9	36.9	43.9
100°	12.0	6.0	1.5	0.0	1.5	5.5	11.5	18.4	25.9	33.4	39.9
102.5°	10.5	5.0	1.0	0.0	1.0	4.5	9.5	15.9	22.4	29.4	35.9
105°	9.0	4.0	1.0	0.0	0.5	3.5	8.0	14.0	19.9	26.4	32.4
107.5°	8.0	3.5	1.0	0.0	0.5	3.0	7.0	12.0	17.9	23.4	28.9
110°	7.0	3.0	1.0	0.0	0.5	2.0	6.0	10.5	15.4	20.9	26.4

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.0	2.5	0.5	0.0	0.0	1.5	5.0	9.0	13.5	18.9	23.4
115°	5.5	2.5	0.5	0.0	0.0	1.0	4.0	8.0	12.0	16.9	20.9
117.5°	5.0	2.0	0.5	0.0	0.5	1.0	3.5	7.0	10.5	14.5	18.9
120°	4.5	2.0	0.5	0.0	0.5	0.5	2.5	6.0	9.0	13.0	16.4
122.5°	4.0	2.0	0.5	0.0	0.5	0.5	2.0	5.0	8.0	11.5	14.5
125°	3.5	1.5	1.0	0.5	0.5	0.5	1.5	4.0	7.0	9.5	13.0
127.5°	3.5	1.5	1.0	0.5	0.5	0.5	1.0	3.5	5.5	8.5	11.5
130°	3.0	1.5	1.0	0.5	0.5	0.5	0.5	2.5	5.0	7.0	9.5
132.5°	2.5	1.5	1.0	0.5	0.5	0.5	0.5	1.5	3.5	6.0	8.0
135°	2.5	1.5	1.0	0.5	0.5	0.5	0.5	1.0	2.5	4.5	6.5
137.5°	2.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	2.0	3.5	5.0
140°	2.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	1.5	2.5	4.0
142.5°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	1.0	2.0	3.0
145°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	2.0
147.5°	1.5	1.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5
150°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
152.5°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
155°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0
157.5°	1.5	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
160°	1.5	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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	908.6	899.1	904.1	902.6	904.6	908.6	908.1	907.1	907.1	905.6	903.6
5°	905.6	896.6	901.1	898.6	901.1	904.6	904.1	902.6	903.6	901.1	898.6
7.5°	899.6	891.6	895.6	893.6	895.6	899.1	897.6	897.1	898.1	894.1	892.6
10°	892.6	883.6	888.1	885.6	888.1	890.6	889.6	887.6	889.6	885.6	884.1
12.5°	881.6	874.2	877.2	876.2	877.7	880.1	878.2	876.7	877.7	874.2	871.2
15°	869.7	862.2	864.7	863.2	864.2	867.2	863.7	863.2	862.2	858.7	857.7
17.5°	854.2	847.3	849.7	847.3	848.7	847.7	847.3	844.8	844.8	840.8	837.8
20°	835.3	829.3	827.8	825.8	827.8	825.8	822.8	820.8	820.3	816.4	813.9
22.5°	813.4	806.4	807.4	801.9	802.4	799.4	794.4	792.4	790.4	785.9	782.5
25°	786.9	780.0	775.0	771.5	767.0	766.5	760.0	755.1	754.6	749.1	748.6
27.5°	757.0	749.1	745.1	736.6	731.1	726.6	721.2	716.2	713.7	707.7	703.7
30°	722.7	713.7	703.7	697.7	689.3	685.8	676.3	670.3	668.3	661.9	658.9
32.5°	683.8	674.3	666.3	654.9	645.4	640.4	631.0	625.0	622.5	615.5	611.5
35°	641.4	631.0	621.5	610.5	603.0	594.6	583.1	577.1	571.6	569.2	566.2
37.5°	597.1	585.6	574.6	563.7	557.2	547.2	537.3	533.3	526.8	524.3	521.3
40°	551.2	539.7	529.3	518.8	511.3	502.4	493.4	491.9	484.9	482.4	480.4
42.5°	505.9	493.9	481.9	474.5	469.0	460.0	454.0	452.5	446.6	445.1	445.1
45°	465.0	450.0	440.1	433.6	429.1	421.6	416.6	415.7	410.7	409.7	409.7
47.5°	421.1	407.2	399.7	395.7	391.7	386.2	383.3	383.3	378.3	377.3	376.8
50°	380.3	367.3	361.8	357.8	357.3	353.4	350.9	349.9	349.9	346.4	346.9
52.5°	341.4	334.9	330.4	327.9	324.9	322.5	320.5	320.5	319.0	316.5	317.5
55°	305.5	298.0	298.5	296.5	295.0	293.5	294.0	291.1	290.6	288.6	290.1
57.5°	269.6	269.6	268.6	267.1	264.6	265.6	265.6	265.6	263.1	261.7	263.1
60°	239.2	240.7	238.2	239.7	238.7	239.2	238.2	238.2	236.7	236.2	236.7
62.5°	212.3	214.8	213.8	215.8	214.8	215.3	216.3	214.3	213.3	212.3	213.3
65°	188.4	191.4	190.9	192.4	192.9	193.4	193.9	192.9	191.9	190.9	190.4
67.5°	167.5	170.4	172.4	172.9	173.4	174.9	174.4	173.4	172.4	170.9	170.4
70°	148.5	152.5	155.0	156.0	158.0	157.0	157.0	156.5	155.5	154.0	153.5
72.5°	132.6	137.1	139.5	140.5	142.5	142.5	142.0	141.5	140.5	139.0	138.6
75°	118.6	122.6	126.1	128.1	129.6	129.6	129.1	128.6	127.6	126.6	126.1
77.5°	107.7	111.1	114.1	116.6	117.6	118.1	117.6	116.6	116.6	116.1	115.6
80°	96.7	100.7	103.7	106.2	107.7	107.7	107.2	107.7	106.7	106.2	105.7
82.5°	87.2	91.7	95.2	97.7	98.7	99.2	98.7	99.2	98.2	98.2	98.2
85°	78.7	83.2	87.2	89.2	90.7	91.2	91.2	91.2	90.7	90.7	90.7
87.5°	71.8	76.3	80.2	82.2	83.7	84.2	84.2	84.7	83.7	83.7	83.7
90°	65.3	69.8	73.8	75.8	77.2	78.2	78.2	78.7	78.2	77.7	77.7
92.5°	59.3	64.3	68.3	70.3	71.8	73.3	73.3	73.8	72.8	72.8	72.8
95°	54.3	59.3	62.8	65.3	66.8	67.8	68.3	68.3	67.8	67.8	67.8
97.5°	49.8	54.3	57.8	60.3	61.8	62.3	62.8	63.3	62.8	62.8	62.8
100°	45.4	49.8	53.3	55.3	57.3	57.8	58.3	58.8	58.8	58.3	58.3
102.5°	41.4	45.9	48.8	51.3	52.8	53.8	54.3	54.3	54.3	54.3	54.3
105°	37.4	41.9	44.9	47.3	48.8	49.8	50.3	50.8	50.8	50.3	50.3
107.5°	33.9	37.9	41.4	43.4	45.4	46.3	46.8	46.8	47.3	46.8	46.8
110°	30.4	34.9	37.9	39.9	41.9	42.9	43.4	43.9	43.9	43.9	43.9

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	27.9	31.4	34.4	36.4	38.4	39.4	39.9	40.4	40.9	40.4	40.4
115°	24.9	28.4	31.4	33.4	34.9	35.9	36.9	37.4	37.4	37.9	37.4
117.5°	22.4	25.4	28.4	30.4	31.9	33.4	33.9	34.4	34.9	34.4	34.4
120°	19.9	22.9	25.4	27.4	28.9	30.4	30.9	31.4	31.9	31.4	31.4
122.5°	17.9	20.4	22.9	24.9	26.4	27.4	28.4	28.4	28.9	28.9	28.9
125°	15.9	18.4	20.4	22.4	23.9	24.9	25.4	25.9	25.9	26.4	26.4
127.5°	14.0	15.9	18.4	19.9	21.4	22.4	22.9	23.4	23.4	23.9	23.9
130°	12.0	14.0	15.9	17.4	18.9	19.9	20.4	20.9	21.4	21.4	21.4
132.5°	10.5	12.5	14.0	15.4	16.4	17.4	18.4	18.9	18.9	18.9	18.9
135°	8.5	10.5	12.0	13.5	14.5	15.4	15.9	16.9	16.9	16.9	16.9
137.5°	7.0	9.0	10.5	11.5	12.5	13.5	14.0	14.5	15.0	15.0	15.0
140°	5.5	7.0	8.5	10.0	11.0	11.5	12.5	12.5	13.0	13.0	13.0
142.5°	4.0	5.5	6.5	8.0	9.0	10.0	10.5	11.0	11.0	11.0	11.0
145°	3.0	4.0	5.0	6.0	7.5	8.0	8.5	9.0	9.5	9.5	9.5
147.5°	2.0	3.0	3.5	4.5	5.5	6.5	7.0	7.5	8.0	8.0	8.0
150°	1.5	2.0	3.0	3.5	4.0	5.0	6.0	6.0	6.5	6.5	6.0
152.5°	1.0	1.5	2.0	2.5	3.0	3.5	4.5	4.5	5.0	5.0	5.0
155°	1.0	1.0	1.0	1.5	2.0	2.5	3.0	3.5	3.5	3.5	3.5
157.5°	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.5	2.5	2.5	2.5
160°	1.0	1.0	0.5	0.5	1.0	1.0	1.0	1.0	1.5	1.5	1.5
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: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	905.1	906.1	906.1	905.1	904.6	906.6	904.1	894.6	897.6	898.6	901.6
5°	900.6	901.6	901.6	901.6	900.6	902.6	900.1	890.6	894.1	895.6	897.6
7.5°	894.1	894.6	895.6	895.1	894.1	897.1	894.6	885.1	887.6	890.1	892.6
10°	885.6	885.6	886.1	887.1	886.1	888.6	886.1	877.7	880.1	881.6	884.6
12.5°	874.2	875.2	875.7	875.2	874.7	876.7	875.7	867.7	868.7	871.7	874.7
15°	858.7	858.7	861.2	860.2	860.2	862.2	863.2	854.2	855.7	860.2	863.2
17.5°	839.8	840.3	842.3	843.3	842.8	846.3	846.8	839.8	839.3	844.8	847.7
20°	815.4	816.4	818.8	820.8	820.8	824.8	826.3	821.8	822.3	828.3	829.3
22.5°	785.5	785.5	789.9	792.9	795.4	797.9	802.4	798.4	798.4	806.4	810.9
25°	748.6	752.1	753.6	759.5	763.0	770.0	774.0	774.5	775.0	782.5	785.5
27.5°	707.7	708.7	713.2	720.2	724.2	730.6	738.1	739.6	742.1	752.1	756.5
30°	661.4	664.3	666.3	676.3	681.8	690.3	699.7	703.2	705.2	718.7	724.2
32.5°	614.0	615.0	623.5	629.0	635.4	644.4	655.4	661.9	665.8	679.8	687.8
35°	566.7	568.7	575.6	582.6	589.1	598.1	609.5	618.5	625.5	637.9	648.4
37.5°	523.3	528.3	529.8	536.8	541.7	550.7	558.7	571.6	578.6	591.6	605.0
40°	484.4	485.9	486.9	493.9	497.4	505.9	517.3	525.8	535.3	544.7	560.7
42.5°	446.1	447.0	448.5	452.5	456.5	462.5	471.0	479.4	489.4	503.4	513.8
45°	410.7	411.7	412.7	415.2	418.6	424.1	429.6	435.6	445.6	457.5	468.5
47.5°	377.8	379.8	379.8	380.3	382.8	387.2	391.2	398.7	404.2	410.7	423.1
50°	346.4	347.9	348.4	348.4	349.9	352.9	353.9	358.8	363.8	369.8	378.8
52.5°	317.0	317.0	316.5	318.5	318.5	320.5	321.0	323.9	327.4	333.9	337.9
55°	289.1	289.1	290.6	289.6	289.6	290.6	290.1	290.6	293.5	297.5	301.0
57.5°	262.1	261.7	263.1	262.1	261.7	262.6	263.6	261.7	262.1	266.1	266.1
60°	235.2	235.7	237.2	236.2	236.2	236.2	235.2	234.2	233.2	235.7	236.7
62.5°	213.8	212.3	213.8	212.3	213.3	212.8	211.8	209.8	210.3	209.3	208.3
65°	191.4	191.4	191.9	190.4	191.4	191.4	189.9	189.4	186.4	185.4	182.9
67.5°	171.9	171.9	172.4	171.4	171.4	171.9	170.4	169.0	166.0	164.5	161.0
70°	155.0	155.0	155.0	154.5	154.5	154.5	153.5	151.5	148.5	146.0	141.5
72.5°	139.5	140.0	139.5	139.5	141.0	139.5	138.1	136.1	133.6	128.6	124.6
75°	127.1	127.6	127.1	127.1	127.1	126.6	126.1	123.1	120.1	116.1	110.1
77.5°	116.1	116.1	116.6	116.1	116.1	115.6	114.1	111.6	108.1	104.7	97.7
80°	105.7	106.2	106.7	107.2	106.2	105.7	104.2	102.2	97.7	93.7	86.7
82.5°	98.2	97.7	98.2	98.7	97.7	97.2	95.7	93.2	89.7	84.2	77.2
85°	90.7	90.2	90.2	90.7	90.2	89.2	87.7	85.2	81.7	76.3	69.3
87.5°	83.2	83.7	84.2	83.7	83.2	82.2	80.7	78.2	74.3	69.8	62.3
90°	77.7	77.7	77.7	77.7	77.2	76.3	74.8	71.8	68.3	62.8	56.3
92.5°	72.8	72.8	72.8	72.8	72.3	70.8	69.3	66.8	62.8	57.3	51.3
95°	67.8	68.3	67.8	67.8	66.8	66.3	63.8	61.3	57.8	52.3	45.9
97.5°	62.3	62.8	62.3	62.3	61.8	60.8	59.3	56.3	52.8	47.8	41.9
100°	58.3	58.3	57.8	57.8	57.3	56.3	54.3	51.8	48.3	43.4	37.4
102.5°	53.8	54.3	53.8	53.8	52.8	51.8	50.3	47.8	44.4	39.4	33.9
105°	50.3	50.3	49.8	49.8	48.8	47.8	46.3	43.4	40.4	35.9	30.4
107.5°	46.8	46.8	46.3	46.3	45.4	44.4	42.4	39.9	36.9	32.4	27.4
110°	43.4	43.4	43.4	42.9	41.9	40.4	38.9	36.4	33.4	29.4	24.4

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	40.9	40.4	39.9	39.4	38.4	37.4	35.4	32.9	29.9	26.4	21.9
115°	37.4	37.4	36.9	36.4	35.4	33.9	32.4	30.4	27.4	23.4	19.4
117.5°	34.4	34.4	33.9	33.4	32.4	30.9	29.4	27.4	24.4	20.9	17.4
120°	31.4	31.4	30.9	30.4	29.4	27.9	26.9	24.4	21.9	18.4	15.4
122.5°	28.9	28.4	28.4	27.4	26.9	25.4	23.9	21.9	19.4	16.4	13.5
125°	25.9	25.9	25.4	24.9	24.4	22.9	21.4	19.4	16.9	14.5	12.0
127.5°	23.4	23.4	22.9	22.4	21.9	20.4	18.9	17.4	15.0	12.5	10.0
130°	20.9	20.9	20.4	19.9	19.4	17.9	16.9	15.0	13.0	11.0	8.5
132.5°	18.9	18.9	18.4	17.9	16.9	15.9	15.0	13.0	11.5	9.5	7.5
135°	16.9	16.4	16.4	15.9	15.0	14.0	13.0	11.5	9.5	8.0	6.0
137.5°	15.0	14.5	14.0	13.5	13.0	12.0	11.0	10.0	8.5	6.5	5.0
140°	13.0	12.5	12.5	12.0	11.0	10.5	9.5	8.0	7.0	5.5	4.0
142.5°	11.0	11.0	10.5	10.0	9.5	9.0	8.0	7.0	5.5	4.5	3.0
145°	9.5	9.0	9.0	8.5	8.0	7.0	6.5	5.5	4.5	3.5	2.5
147.5°	7.5	7.5	7.5	7.0	6.5	6.0	5.5	4.5	3.5	2.5	1.5
150°	6.0	6.0	6.0	5.5	5.0	4.5	4.0	3.5	2.5	1.5	1.0
152.5°	5.0	5.0	4.5	4.5	4.0	3.5	3.0	2.5	1.5	1.0	1.0
155°	3.5	3.5	3.5	3.0	3.0	2.5	2.0	1.5	1.0	1.0	1.0
157.5°	2.5	2.5	2.5	2.0	2.0	1.5	1.5	1.0	1.0	1.0	1.0
160°	1.5	1.5	1.5	1.5	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

TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	906.1	906.1	906.1	906.1	906.1	906.1	906.1
2.5°	900.1	899.6	903.6	903.6	899.1	906.1	913.5
5°	897.1	896.6	900.6	900.6	896.6	903.6	911.5
7.5°	891.1	891.6	895.6	896.6	891.6	898.1	906.6
10°	884.6	884.1	888.6	889.6	885.6	891.6	899.6
12.5°	874.2	874.2	878.6	880.1	876.2	883.1	890.6
15°	863.2	863.2	866.2	868.7	865.2	871.7	879.1
17.5°	849.2	848.7	851.7	854.7	851.2	858.2	866.2
20°	831.3	831.3	834.8	838.3	835.8	842.3	851.2
22.5°	812.4	810.4	816.4	818.8	817.3	823.8	832.8
25°	788.4	787.9	793.9	797.4	795.4	802.4	810.4
27.5°	762.5	762.0	768.0	772.5	771.5	778.0	786.9
30°	731.1	733.6	739.1	746.6	744.1	751.1	760.5
32.5°	698.2	700.7	707.2	715.2	715.7	721.2	730.6
35°	658.9	665.3	669.8	680.3	682.3	687.8	697.7
37.5°	617.5	625.0	634.4	642.4	646.4	650.9	662.4
40°	571.1	582.1	592.6	602.0	607.0	611.5	622.5
42.5°	529.3	537.8	547.7	557.2	566.2	570.2	581.6
45°	481.9	491.9	500.9	512.3	521.3	525.8	537.3
47.5°	435.6	445.6	457.5	465.5	475.0	479.4	490.4
50°	391.2	400.2	410.2	419.6	427.6	431.6	441.1
52.5°	347.4	356.8	366.3	372.3	380.8	383.8	391.7
55°	308.5	315.0	323.5	326.9	335.4	337.4	342.9
57.5°	271.1	275.6	278.6	284.6	290.6	295.0	301.5
60°	237.2	239.2	241.2	244.7	249.7	251.2	253.7
62.5°	206.8	206.3	210.3	211.3	211.8	216.8	214.3
65°	179.9	180.4	176.9	175.4	177.4	178.9	177.9
67.5°	157.5	154.5	151.5	148.0	145.0	146.5	145.0
70°	135.6	133.1	128.1	123.1	121.1	118.1	116.6
72.5°	118.1	112.1	107.2	100.7	97.2	93.7	91.2
75°	104.7	96.2	89.2	82.2	77.2	72.3	71.3
77.5°	90.7	82.7	74.8	67.3	59.8	54.3	52.3
80°	79.7	72.3	62.8	53.8	45.9	38.9	36.4
82.5°	69.8	61.8	52.3	42.9	33.9	26.4	23.4
85°	61.3	52.8	43.4	33.9	24.9	16.9	13.0
87.5°	54.8	45.4	35.9	26.9	17.4	9.5	5.0
90°	48.8	39.9	30.9	21.4	12.5	5.0	0.0
92.5°	43.4	34.9	25.9	17.4	9.5	3.0	0.5
95°	38.4	30.9	21.9	14.0	7.0	2.0	0.5
97.5°	34.4	26.9	18.9	11.5	5.5	1.5	0.5
100°	30.9	23.4	16.4	9.5	4.5	1.0	0.5
102.5°	27.4	20.9	14.0	8.0	3.5	0.5	0.5
105°	24.4	18.4	12.0	7.0	3.0	0.5	0.5
107.5°	21.9	16.4	10.5	6.0	2.0	0.5	0.5
110°	19.4	14.0	9.0	5.0	1.5	0.5	0.5



TEST NUMBER: P1213687

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	17.4	12.5	8.0	4.0	1.0	0.5	0.5
115°	15.4	11.0	7.0	3.5	1.0	0.5	0.5
117.5°	13.5	9.5	6.0	2.5	0.5	0.5	0.5
120°	12.0	8.5	5.0	2.0	0.5	0.5	0.5
122.5°	10.5	7.0	4.0	1.5	0.5	0.5	0.5
125°	9.0	6.0	3.5	1.0	0.5	0.5	0.5
127.5°	7.5	5.0	2.5	1.0	0.5	0.5	0.5
130°	6.5	4.0	2.0	0.5	0.5	0.5	0.5
132.5°	5.5	3.0	1.5	0.5	0.5	0.5	0.5
135°	4.5	2.5	1.0	0.5	0.5	0.5	0.5
137.5°	3.5	2.0	1.0	0.5	0.5	0.5	0.5
140°	2.5	1.5	0.5	0.5	0.5	0.5	0.5
142.5°	2.0	1.0	0.5	0.5	0.5	0.5	0.5
145°	1.5	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)