

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: P1212985

Luminaire Tested: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1212985
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-L930-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

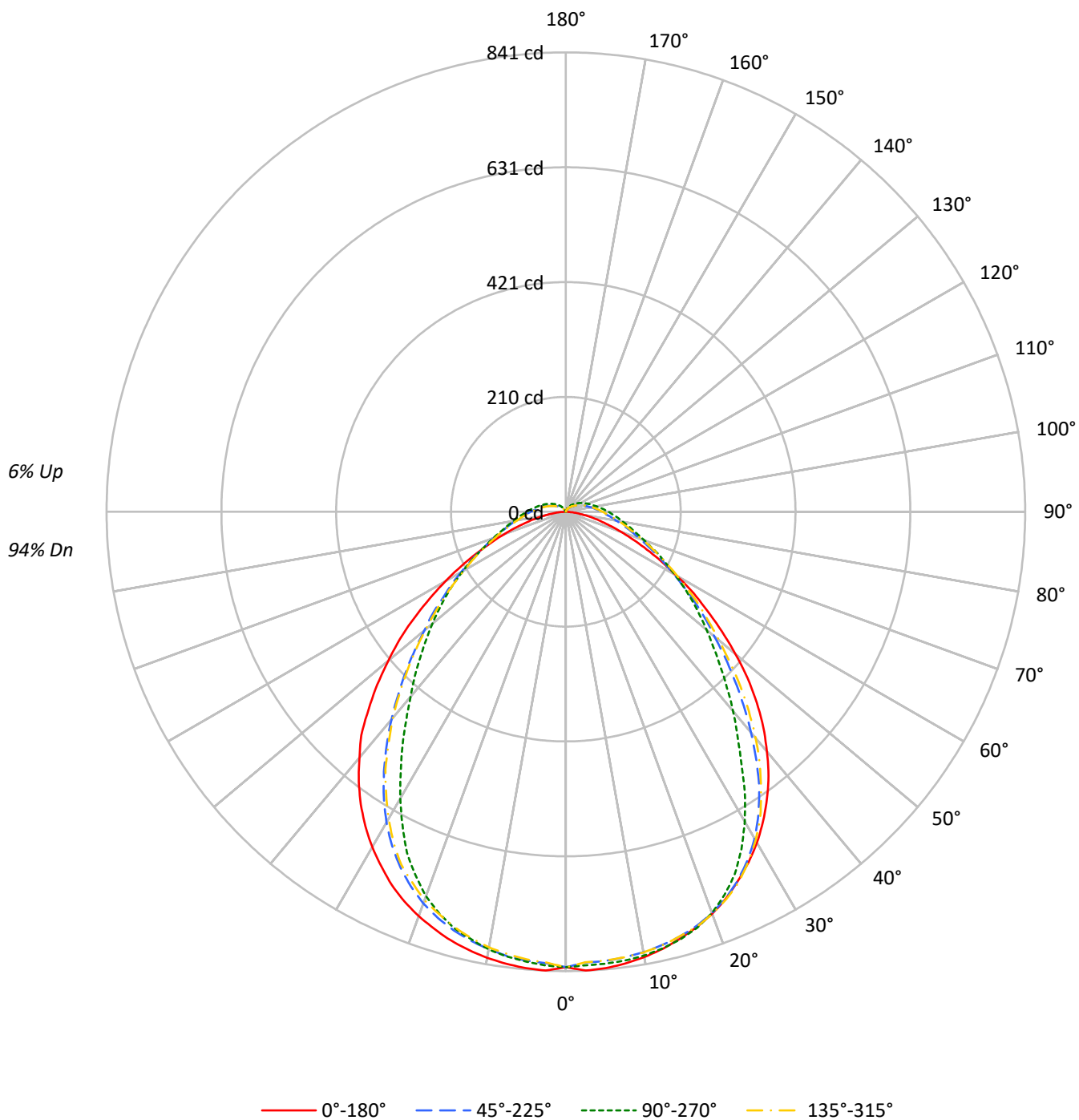
Lumens per Lamp: N/A
Luminaire Lumens: 2110.0 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.14 / 1.24
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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

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CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

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°	13474	13474	13474	13474
5°	13534	13045	13534	12989
10°	13437	12699	13460	12523
15°	13313	12321	13374	12000
20°	13173	11832	13250	11332
25°	12921	11108	13065	10453
30°	12605	10045	12771	9300
35°	12138	8741	12370	8140
40°	11483	7645	11785	7093
45°	10636	6646	10980	6265
50°	9498	5841	9917	5545
55°	8162	5156	8757	4896
60°	6808	4527	7423	4266
65°	5520	4002	6077	3712
70°	4327	3552	4848	3287
75°	3322	3280	3737	3017
80°	2302	3165	2707	2891
85°	1287	3183	1741	2927

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 10980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.0	3.7
10°-20°	226.7	10.7
20°-30°	335.9	15.9
30°-40°	373.2	17.7
40°-50°	338.3	16.0
50°-60°	262.1	12.4
60°-70°	178.0	8.4
70°-80°	113.3	5.4
80°-90°	72.4	3.4
90°-100°	48.8	2.3
100°-110°	33.4	1.6
110°-120°	22.3	1.1
120°-130°	13.9	0.7
130°-140°	7.7	0.4
140°-150°	3.6	0.2
150°-160°	1.3	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	641.6	30.4
0°-40°	1014.8	48.1
0°-60°	1615.2	76.6
0°-90°	1978.9	93.8
90°-120°	104.6	5.0
90°-150°	129.7	6.1
90°-180°	131.0	6.2
0°-180°	2110.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	834	834	834	834	834	
5°	839	830	839	827	839	80
15°	809	810	813	789	809	228
25°	746	732	754	689	746	343
35°	642	560	654	521	642	401
45°	494	400	510	377	494	380
55°	316	281	338	267	316	284
65°	164	189	180	175	164	164
75°	66	126	74	116	66	71
85°	12	91	16	84	12	14
90°	0	78	1	72	0	1
95°	0	67	0	62	0	0
105°	0	49	0	46	0	1
115°	0	37	0	34	0	0
125°	0	28	0	24	0	0
135°	0	19	0	16	0	0
145°	0	12	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°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	840.6	839.7	838.8	837.4	838.8	842.5	840.2	835.1	834.2	826.0	829.6
5°	838.8	837.4	836.5	835.1	837.0	841.5	839.3	834.7	833.3	825.5	829.6
7.5°	834.2	833.3	831.9	831.9	833.7	838.3	836.5	831.5	830.5	822.7	827.3
10°	827.8	827.3	826.4	826.4	828.2	833.7	831.5	826.9	826.0	818.6	823.7
12.5°	819.5	820.0	818.6	818.6	821.4	826.9	825.0	820.0	819.1	812.7	817.7
15°	809.0	809.4	808.5	809.0	811.7	818.2	815.9	811.3	810.4	805.3	809.4
17.5°	797.1	797.5	797.5	797.1	800.3	806.7	804.9	800.7	799.4	795.2	800.3
20°	783.3	783.3	783.3	783.3	787.0	793.4	791.1	787.9	785.1	781.9	786.1
22.5°	766.3	765.9	766.3	767.7	771.4	776.4	775.0	771.4	767.3	765.4	768.6
25°	745.7	747.1	747.5	748.9	753.5	757.6	756.2	752.6	746.2	744.8	745.7
27.5°	724.1	725.1	726.4	726.0	732.4	736.5	733.8	730.6	721.4	720.0	719.1
30°	699.8	701.2	702.1	701.7	706.7	711.3	708.5	704.4	692.0	691.1	683.8
32.5°	672.3	673.7	674.6	674.6	682.0	683.8	678.7	672.8	659.5	656.3	649.8
35°	642.1	643.4	643.9	643.9	651.2	650.8	644.3	636.1	621.4	617.3	606.3
37.5°	609.5	610.4	610.9	613.6	616.8	614.1	605.8	595.3	584.3	572.8	560.9
40°	572.8	574.2	575.1	576.9	580.1	576.9	565.0	552.2	540.2	527.4	515.5
42.5°	535.2	539.3	538.4	537.9	539.8	531.1	521.9	507.2	495.3	482.0	470.1
45°	494.4	493.9	496.2	497.1	496.7	489.3	476.5	463.2	451.3	437.5	427.4
47.5°	451.3	450.8	452.6	453.6	450.8	443.0	432.9	417.8	407.7	395.8	388.0
50°	405.9	405.9	408.6	405.9	404.5	396.7	388.4	373.3	365.5	355.0	350.4
52.5°	360.5	364.6	361.8	360.9	359.5	351.8	345.3	332.9	326.5	321.9	316.4
55°	315.5	320.1	318.3	316.9	316.4	310.0	304.1	294.9	290.8	287.5	284.3
57.5°	277.5	277.0	276.1	274.7	275.2	270.1	264.2	259.1	257.3	255.9	256.8
60°	233.4	237.1	235.7	236.2	236.6	235.7	230.7	227.5	227.9	228.4	229.8
62.5°	197.2	200.4	202.7	200.9	201.8	203.2	200.4	199.5	201.3	203.2	205.0
65°	163.7	166.9	169.2	168.8	171.5	174.3	173.8	174.7	178.9	181.2	183.4
67.5°	133.5	136.7	139.9	140.3	144.5	148.6	150.4	153.6	158.2	161.4	164.2
70°	107.3	110.1	113.7	116.0	121.5	127.0	130.2	136.7	139.4	144.0	145.8
72.5°	83.9	86.2	91.3	96.8	101.4	108.2	114.7	120.2	124.3	129.3	131.6
75°	65.6	66.5	72.0	78.4	84.8	92.6	99.5	105.5	111.0	116.0	119.7
77.5°	48.2	49.5	54.6	63.3	70.6	78.9	86.7	93.1	99.1	104.1	109.1
80°	33.5	36.2	41.7	50.4	58.7	67.9	75.2	82.5	89.0	94.0	99.1
82.5°	21.6	23.8	31.6	40.4	49.1	58.2	66.0	73.4	80.3	85.8	90.3
85°	11.9	15.1	22.9	32.1	40.8	50.0	58.2	65.6	72.5	77.5	82.1
87.5°	4.6	9.2	16.5	25.2	33.9	42.7	51.4	58.2	65.1	70.6	74.8
90°	0.0	5.5	12.4	21.1	29.8	38.5	46.8	54.1	60.5	65.6	70.2
92.5°	0.5	3.7	9.6	17.0	25.2	33.5	41.3	48.6	55.0	60.1	64.2
95°	0.5	2.8	7.8	14.7	22.0	29.8	37.1	44.0	50.0	55.0	59.2
97.5°	0.5	1.8	6.4	12.8	19.3	27.1	33.9	40.4	45.9	50.9	54.1
100°	0.5	1.8	5.5	11.0	17.4	24.3	30.7	37.1	42.2	46.3	50.0
102.5°	0.5	1.4	4.6	9.6	15.6	21.6	28.0	33.9	38.5	42.7	46.3
105°	0.5	1.4	4.1	8.3	13.8	19.7	25.2	30.7	35.8	39.4	42.7
107.5°	0.5	0.9	3.7	6.9	11.9	17.9	23.4	28.0	32.6	36.2	39.4
110°	0.5	0.9	3.2	6.4	10.5	16.1	21.1	25.7	29.8	33.5	36.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	0.9	2.8	6.0	9.6	14.2	19.3	23.4	27.5	30.7	33.5
115°	0.5	0.9	2.8	5.5	8.7	12.4	17.0	21.6	24.8	28.4	30.7
117.5°	0.5	0.9	2.3	4.6	8.3	11.5	15.6	19.3	22.9	26.1	28.4
120°	0.5	0.9	2.3	4.1	7.3	10.5	13.8	17.4	21.1	23.4	25.7
122.5°	0.5	0.9	1.8	4.1	6.4	9.6	12.4	15.6	18.8	21.6	23.8
125°	0.5	0.9	1.8	3.7	6.0	8.7	11.5	13.8	17.0	19.3	21.6
127.5°	0.5	0.9	1.8	3.2	5.5	7.8	10.5	12.8	15.1	17.4	19.3
130°	0.5	0.9	1.4	2.8	5.0	6.9	9.2	11.9	13.8	15.6	17.4
132.5°	0.5	0.9	1.4	2.8	4.1	6.0	8.3	10.5	12.4	14.2	15.6
135°	0.5	0.9	1.4	2.3	3.7	5.5	6.9	9.2	11.0	12.8	14.2
137.5°	0.5	0.9	1.4	2.3	3.2	4.6	6.0	7.8	9.6	11.0	12.8
140°	0.5	0.9	1.4	1.8	2.8	4.1	5.5	6.4	8.3	9.6	11.0
142.5°	0.5	0.9	1.4	1.8	2.8	3.7	4.6	5.5	6.9	8.3	9.6
145°	0.5	0.9	1.4	1.8	2.3	3.2	4.1	5.0	5.5	6.9	7.8
147.5°	0.5	0.9	1.4	1.8	1.8	2.8	3.7	4.1	5.0	5.5	6.4
150°	0.5	0.9	1.4	1.4	1.8	2.3	3.2	3.7	4.1	5.0	5.5
152.5°	0.5	0.9	1.4	1.4	1.8	2.3	2.8	3.2	3.7	4.1	4.6
155°	0.5	0.9	1.4	1.4	1.4	1.8	2.3	2.8	3.2	3.7	4.1
157.5°	0.9	0.9	0.9	1.4	1.4	1.8	1.8	2.3	2.8	2.8	3.2
160°	0.9	0.9	0.9	1.4	1.4	1.4	1.8	1.8	2.3	2.3	2.8
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

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	828.7	830.1	834.2	834.2	833.3	832.4	832.4	831.0	831.9	833.7	832.8
5°	828.7	830.1	834.2	834.2	833.3	832.4	831.9	830.5	831.9	833.7	832.8
7.5°	826.0	827.8	831.9	831.9	831.0	830.5	829.6	828.7	830.1	831.9	831.0
10°	822.3	824.1	828.2	828.2	827.3	827.3	826.0	825.0	826.9	828.2	827.8
12.5°	816.8	819.1	822.7	822.3	821.4	821.8	820.4	818.6	820.4	821.8	822.3
15°	809.0	811.7	815.4	814.5	813.1	814.0	811.7	810.4	811.7	814.5	814.0
17.5°	798.9	800.7	803.5	803.5	802.1	801.2	800.3	798.9	799.8	801.6	802.1
20°	784.7	787.0	788.3	787.0	786.5	785.1	783.3	781.9	783.8	786.5	787.0
22.5°	765.9	766.3	769.5	766.3	764.0	763.6	761.7	759.0	761.7	764.0	764.5
25°	742.5	744.8	743.4	737.9	737.9	734.2	733.3	731.9	732.4	736.5	738.4
27.5°	712.7	713.6	709.9	705.3	701.2	698.9	695.7	696.2	696.2	701.7	703.5
30°	680.1	675.1	671.9	664.5	661.3	655.8	654.9	654.9	654.0	656.7	665.0
32.5°	641.1	634.3	629.2	622.3	616.8	611.3	608.6	609.9	609.5	616.4	619.1
35°	598.5	594.4	583.8	575.1	571.9	563.6	563.6	559.5	562.3	570.0	573.3
37.5°	553.5	547.1	538.4	528.8	526.5	520.1	517.8	515.5	521.4	522.8	526.0
40°	507.7	501.7	493.5	484.3	484.3	476.5	476.5	476.5	477.0	479.7	485.7
42.5°	464.1	457.7	450.4	443.9	443.0	437.1	437.1	436.6	437.5	439.8	445.3
45°	421.9	416.9	409.1	405.9	406.3	399.9	401.3	399.9	401.7	404.0	405.9
47.5°	382.9	379.7	376.5	371.9	370.6	370.1	367.8	366.0	369.2	369.2	371.9
50°	346.7	344.9	343.0	340.3	340.7	338.9	336.2	336.2	338.5	338.9	340.7
52.5°	315.1	312.8	310.5	310.9	311.4	310.5	309.1	307.7	309.1	310.0	312.3
55°	283.4	281.6	283.9	283.0	283.9	283.0	282.0	281.1	283.4	282.0	284.3
57.5°	255.0	256.8	257.7	255.9	257.3	256.4	256.8	255.4	257.3	258.2	257.7
60°	228.8	231.6	230.2	230.7	232.5	231.6	229.8	231.1	233.0	233.4	233.0
62.5°	205.0	208.2	209.6	208.7	209.1	208.2	209.6	207.7	210.0	211.0	209.6
65°	183.4	187.1	188.0	188.0	188.0	187.1	188.5	188.9	189.9	189.9	188.9
67.5°	165.1	168.3	169.2	170.1	169.2	168.3	168.3	168.8	170.6	171.5	170.6
70°	148.6	151.8	152.3	152.3	152.7	153.6	151.8	152.7	154.1	154.6	154.1
72.5°	134.4	137.6	138.5	138.0	138.5	139.0	139.0	138.0	139.4	140.3	140.3
75°	122.9	124.7	125.7	125.7	126.1	126.6	126.6	126.1	127.0	127.5	128.0
77.5°	112.4	113.7	115.1	115.1	115.6	115.1	116.0	116.0	116.5	116.9	117.4
80°	101.8	103.6	104.6	105.0	105.9	106.4	106.4	106.4	106.9	107.3	107.3
82.5°	93.6	94.9	96.3	97.7	97.7	98.1	98.1	98.1	98.6	98.6	99.1
85°	85.3	87.1	88.5	89.4	89.9	90.3	90.3	90.8	90.8	90.8	91.3
87.5°	78.0	80.3	81.2	82.1	82.5	83.5	83.5	83.5	83.9	83.9	83.9
90°	72.9	75.2	76.1	77.0	77.5	78.0	78.0	78.4	78.4	78.9	78.9
92.5°	67.0	69.2	71.1	71.1	71.5	72.5	72.0	72.0	72.5	72.9	72.9
95°	62.4	64.2	65.6	66.0	66.5	66.5	66.5	67.0	66.5	67.0	67.0
97.5°	56.9	58.7	60.1	61.0	61.5	61.5	61.5	61.9	61.5	61.9	61.9
100°	52.3	54.1	55.5	56.0	56.9	56.9	56.9	56.9	56.9	56.9	57.3
102.5°	48.6	50.4	51.4	51.8	52.3	52.7	52.7	52.7	52.7	53.2	53.2
105°	44.9	46.8	47.7	48.2	48.6	49.1	49.1	49.1	49.5	49.5	49.1
107.5°	41.7	43.1	44.0	44.9	45.4	45.4	45.9	45.9	45.9	45.9	45.9
110°	38.5	39.9	41.3	42.2	42.2	42.7	42.7	43.1	43.1	42.7	43.1

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	35.3	37.1	38.1	39.0	39.4	39.9	39.9	39.9	39.9	39.9	39.9
115°	32.6	34.4	35.3	36.2	36.7	37.1	37.1	37.1	37.1	37.1	37.1
117.5°	30.3	32.1	33.0	33.5	33.9	34.4	34.9	34.9	34.9	34.9	34.4
120°	28.0	29.4	30.3	31.2	31.6	32.1	32.1	32.1	32.1	32.1	32.1
122.5°	25.7	27.1	28.0	28.9	29.4	29.8	29.8	29.8	29.8	29.8	29.8
125°	23.4	24.8	25.7	26.6	27.1	27.5	27.5	27.5	27.5	27.5	27.5
127.5°	21.1	22.5	23.8	24.3	24.8	25.2	25.2	25.2	25.7	25.2	25.2
130°	18.8	20.2	21.6	22.0	22.5	22.9	23.4	23.4	23.4	23.4	22.9
132.5°	17.0	18.3	19.3	19.7	20.6	20.6	21.1	21.1	21.1	21.1	20.6
135°	15.6	16.5	17.4	17.9	18.8	18.8	18.8	19.3	19.3	18.8	18.3
137.5°	13.8	14.7	15.6	16.1	16.5	17.0	17.0	17.4	17.0	17.0	17.0
140°	12.8	13.3	14.2	14.7	15.1	15.1	15.1	15.6	15.6	15.1	15.1
142.5°	11.0	11.9	12.8	13.3	13.8	13.8	13.8	13.8	13.8	13.8	13.8
145°	9.2	10.5	11.0	11.9	11.9	12.4	12.4	12.4	12.4	12.4	11.9
147.5°	7.8	8.7	10.1	10.5	10.5	11.0	11.0	11.0	11.0	11.0	10.5
150°	6.0	6.9	8.3	9.2	9.2	9.6	9.6	9.6	9.6	9.2	9.2
152.5°	5.0	6.0	6.4	7.3	7.8	7.8	7.8	8.3	7.8	7.8	7.8
155°	4.6	5.0	5.5	6.0	6.4	6.9	6.9	6.9	6.9	6.4	6.4
157.5°	3.7	4.1	4.6	5.0	5.5	6.0	6.0	6.0	6.0	6.0	5.5
160°	2.8	3.2	3.7	3.7	4.1	4.6	5.0	4.6	4.6	4.6	4.6
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: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	831.9	831.5	832.8	830.5	823.7	825.5	824.6	828.7	829.6	830.5	834.7
5°	831.9	831.5	832.4	830.5	823.2	824.6	823.7	827.8	828.7	829.2	833.3
7.5°	830.1	829.6	831.0	828.7	820.9	822.7	821.4	825.5	826.0	826.4	830.1
10°	826.4	826.0	826.9	825.0	817.2	819.1	817.2	821.4	821.4	822.3	825.0
12.5°	820.9	820.0	821.8	819.5	810.8	813.1	812.2	814.9	815.4	815.9	818.6
15°	813.1	812.2	813.6	812.2	804.4	804.9	803.5	807.6	808.1	807.1	809.9
17.5°	801.6	800.7	803.5	802.6	794.8	796.6	796.1	797.1	798.4	796.1	799.8
20°	787.4	788.3	789.3	789.7	783.8	783.8	783.3	785.1	786.5	784.7	787.4
22.5°	766.3	768.6	771.4	772.3	768.2	767.7	770.5	769.5	770.9	770.0	771.8
25°	739.7	744.3	747.1	749.8	747.5	748.4	752.6	753.5	753.5	753.0	754.9
27.5°	706.7	712.7	717.7	723.7	721.4	723.2	730.1	731.0	732.9	731.0	734.7
30°	667.3	672.8	682.4	691.1	692.0	694.8	704.4	705.3	710.4	708.5	709.9
32.5°	627.8	630.6	641.6	650.3	655.8	662.7	673.2	675.1	682.0	683.3	683.3
35°	578.3	586.1	596.2	608.6	615.5	622.8	637.0	639.8	649.8	653.1	656.7
37.5°	536.6	543.9	550.3	563.2	575.6	583.8	595.3	602.2	612.7	618.7	623.2
40°	492.1	498.0	504.9	517.8	528.3	540.7	552.2	560.4	573.7	580.6	586.6
42.5°	449.9	454.5	461.8	471.0	482.0	495.8	506.8	516.4	530.6	540.2	547.1
45°	412.3	415.0	421.5	428.3	438.0	452.2	462.7	475.1	486.6	496.7	504.9
47.5°	377.0	380.6	383.9	388.4	397.2	405.9	418.3	430.2	441.6	452.6	460.9
50°	344.4	344.4	349.5	352.7	358.6	366.4	376.1	384.3	398.5	406.3	416.9
52.5°	312.8	314.6	317.4	319.2	323.8	328.8	336.6	343.5	355.4	362.8	372.8
55°	284.8	286.6	288.0	288.9	291.7	297.6	300.4	305.9	314.1	320.1	328.8
57.5°	258.2	259.1	260.5	260.9	261.4	265.1	267.4	268.7	277.0	283.0	290.3
60°	233.9	233.9	235.3	234.8	234.3	236.2	235.7	237.1	242.1	245.8	249.0
62.5°	211.0	211.0	211.4	210.5	210.0	210.0	208.2	209.6	211.0	211.4	213.7
65°	189.9	192.2	190.3	190.8	188.0	187.1	186.2	183.4	183.0	181.2	182.1
67.5°	171.1	172.9	171.1	171.1	168.8	166.9	164.6	160.1	158.7	155.0	154.1
70°	155.9	154.6	155.5	154.1	151.3	149.0	145.8	142.2	137.6	133.0	129.8
72.5°	141.3	141.3	140.3	139.0	137.6	133.0	129.3	125.2	119.7	113.7	109.1
75°	127.0	127.5	127.5	126.1	123.8	119.7	115.6	109.6	103.6	96.8	90.8
77.5°	116.9	116.9	116.9	114.7	112.4	108.7	103.6	97.2	90.8	82.5	75.7
80°	107.3	106.9	106.9	104.1	101.8	97.7	92.6	86.2	79.3	70.6	62.8
82.5°	99.5	99.1	98.1	95.8	92.6	88.5	83.5	76.6	69.2	61.5	51.8
85°	91.3	90.8	89.9	87.6	84.4	80.7	75.2	68.3	61.0	52.3	43.1
87.5°	83.9	83.5	82.1	80.7	77.0	72.9	67.4	61.0	53.2	44.9	35.8
90°	78.9	78.0	77.0	75.2	72.0	67.4	61.9	55.0	47.2	39.0	29.8
92.5°	72.9	72.5	71.1	69.2	66.5	61.9	56.4	50.0	42.2	34.4	25.7
95°	67.0	66.5	65.6	63.7	61.0	56.9	51.8	45.4	38.1	30.3	22.5
97.5°	61.5	61.5	60.1	58.7	55.5	52.3	47.2	41.3	34.4	27.5	20.2
100°	56.9	56.9	55.5	53.7	51.4	48.2	43.1	37.6	31.2	24.8	17.4
102.5°	52.7	52.3	51.4	49.5	47.2	44.0	39.4	34.4	28.4	22.0	15.6
105°	49.1	48.6	47.7	45.9	44.0	40.4	36.7	31.6	25.7	19.7	13.8
107.5°	45.4	44.9	44.5	42.7	40.4	37.1	33.5	28.4	23.4	17.9	12.4
110°	42.2	41.7	40.8	39.0	36.7	33.9	30.3	26.1	21.1	16.1	11.0

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	39.4	39.0	38.1	36.2	34.4	31.2	28.0	23.4	19.3	14.7	9.6
115°	36.7	36.2	35.3	33.5	31.2	28.4	25.2	21.6	17.0	12.8	8.7
117.5°	33.9	33.5	32.6	31.2	28.9	26.1	22.9	19.3	15.1	11.9	7.8
120°	31.6	30.7	29.8	28.4	26.1	23.8	20.6	17.4	13.8	10.5	6.9
122.5°	29.4	28.4	27.5	26.1	23.8	21.6	18.3	15.6	12.8	9.6	6.4
125°	26.6	26.1	25.2	23.8	21.6	19.3	17.0	14.2	11.5	8.7	5.5
127.5°	24.3	23.8	22.9	21.1	19.3	17.4	15.1	12.8	10.1	7.3	5.0
130°	22.5	21.6	20.6	19.3	17.9	16.1	13.8	11.5	9.2	6.4	4.6
132.5°	20.2	19.3	18.3	17.4	16.1	14.2	12.4	10.1	8.3	6.0	4.1
135°	18.3	17.4	16.5	15.6	14.2	12.8	11.0	9.2	7.3	5.5	3.7
137.5°	16.1	15.6	15.1	14.2	12.8	11.5	10.1	7.8	6.4	5.0	3.2
140°	14.7	14.2	13.8	12.4	11.5	10.1	8.7	6.9	5.5	4.1	2.8
142.5°	13.3	12.8	11.9	11.0	10.1	9.2	7.3	6.4	5.0	3.7	2.8
145°	11.5	11.0	10.5	9.6	8.7	7.3	6.4	5.5	4.6	3.2	2.3
147.5°	10.5	10.1	9.2	8.3	7.3	6.4	6.0	5.0	3.7	2.8	1.8
150°	8.7	8.3	7.8	6.9	6.4	6.0	5.0	4.1	3.2	2.3	1.8
152.5°	7.3	6.9	6.4	6.4	5.5	5.0	4.1	3.7	2.8	2.3	1.4
155°	6.4	6.4	6.0	5.5	4.6	4.1	3.7	2.8	2.3	1.8	1.4
157.5°	5.5	5.0	4.6	4.6	4.1	3.7	2.8	2.3	1.8	1.8	1.4
160°	4.6	4.1	4.1	3.7	3.2	2.8	2.3	2.3	1.8	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: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	835.1	830.1	834.7	840.6	840.6	839.7	838.8	840.6	845.2	843.4	837.9
5°	833.7	828.7	832.8	838.8	838.8	837.4	836.5	837.9	842.9	840.6	835.6
7.5°	831.0	826.4	829.2	834.7	834.7	833.3	832.4	834.2	838.3	836.0	830.5
10°	826.0	820.9	824.1	829.2	828.7	827.8	826.4	828.7	832.4	829.2	822.7
12.5°	819.5	814.5	817.2	821.8	821.4	819.5	818.6	820.0	823.2	821.4	814.5
15°	810.8	805.8	808.1	812.7	811.3	809.9	808.1	808.5	812.7	809.4	802.1
17.5°	800.3	794.8	796.6	800.7	799.4	798.0	795.7	796.1	800.7	796.1	788.3
20°	787.4	781.5	782.8	787.9	785.6	783.3	781.0	781.0	785.6	780.6	771.8
22.5°	773.7	767.7	768.6	772.3	770.5	766.3	764.0	765.4	767.7	761.3	752.1
25°	756.7	748.9	750.3	754.0	752.6	747.1	744.8	745.7	744.8	739.7	730.1
27.5°	737.0	728.7	729.6	731.9	730.1	725.1	722.3	722.8	720.9	714.5	703.5
30°	712.2	708.1	707.6	709.0	706.3	701.2	698.0	697.1	696.6	687.5	674.2
32.5°	687.0	683.3	681.0	682.9	679.7	674.6	669.1	669.1	664.5	655.8	644.3
35°	661.3	655.4	653.1	654.4	650.8	644.3	639.8	637.5	630.6	619.6	607.2
37.5°	628.3	624.2	621.4	622.8	618.7	614.1	605.4	603.1	595.7	580.6	565.0
40°	592.5	589.3	586.6	587.9	583.3	576.5	568.7	565.0	556.8	539.8	527.4
42.5°	554.0	552.6	549.4	554.5	545.3	538.4	530.6	524.6	516.4	498.0	483.8
45°	513.2	516.4	509.1	510.4	504.5	498.5	490.3	481.5	473.3	455.9	439.8
47.5°	470.1	472.4	467.3	468.2	461.8	456.3	449.0	438.0	428.8	413.7	399.4
50°	425.6	424.7	424.7	423.8	418.7	411.8	404.5	394.4	385.2	371.5	359.5
52.5°	378.4	380.2	381.1	383.4	377.0	372.8	361.4	352.7	345.8	331.6	321.5
55°	332.9	339.4	337.5	338.5	331.1	327.9	318.7	311.9	301.8	293.5	287.1
57.5°	291.7	293.1	294.0	295.3	292.1	285.7	278.4	272.9	265.1	258.2	253.6
60°	251.8	251.8	252.2	254.5	251.3	245.8	240.3	236.2	230.7	226.6	223.8
62.5°	214.2	217.4	217.8	216.0	211.9	209.1	205.5	203.2	199.5	198.1	197.2
65°	179.3	179.3	179.3	180.2	177.9	176.1	173.8	173.4	174.7	172.9	173.8
67.5°	150.0	148.6	147.7	148.1	147.2	146.3	145.8	147.2	150.0	150.0	152.3
70°	124.7	122.0	120.2	120.2	120.2	120.6	122.0	124.7	129.3	131.2	134.4
72.5°	104.1	98.1	95.4	95.4	95.8	97.7	101.8	106.9	111.0	114.7	118.8
75°	84.4	78.4	74.3	73.8	74.8	77.5	83.5	88.1	94.9	100.0	105.0
77.5°	68.3	61.0	56.0	55.5	56.9	61.0	68.3	74.3	82.1	87.6	93.1
80°	54.6	46.3	42.2	39.4	41.7	46.8	55.0	62.4	69.7	77.0	83.9
82.5°	43.6	35.8	29.4	26.6	29.4	36.2	44.0	52.7	60.1	67.9	74.8
85°	34.4	26.1	18.8	16.1	19.3	26.6	35.3	44.0	52.3	60.1	67.0
87.5°	27.1	18.8	11.5	7.8	11.9	19.7	28.0	36.7	45.4	53.2	60.1
90°	21.1	13.3	6.4	0.9	6.9	14.2	22.5	30.7	39.4	47.2	54.1
92.5°	17.9	10.1	3.7	0.0	4.1	10.5	18.3	26.6	34.4	42.2	49.1
95°	15.1	8.3	2.8	0.0	2.8	8.3	15.1	22.5	30.3	38.1	44.9
97.5°	12.8	6.4	1.8	0.0	1.8	6.4	12.4	19.7	26.6	33.9	40.4
100°	11.0	5.5	1.4	0.0	1.4	5.0	10.5	17.0	23.8	30.7	36.7
102.5°	9.6	4.6	0.9	0.0	0.9	4.1	8.7	14.7	20.6	27.1	33.0
105°	8.3	3.7	0.9	0.0	0.5	3.2	7.3	12.8	18.3	24.3	29.8
107.5°	7.3	3.2	0.9	0.0	0.5	2.8	6.4	11.0	16.5	21.6	26.6
110°	6.4	2.8	0.9	0.0	0.5	1.8	5.5	9.6	14.2	19.3	24.3

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	5.5	2.3	0.5	0.0	0.0	1.4	4.6	8.3	12.4	17.4	21.6
115°	5.0	2.3	0.5	0.0	0.0	0.9	3.7	7.3	11.0	15.6	19.3
117.5°	4.6	1.8	0.5	0.0	0.5	0.9	3.2	6.4	9.6	13.3	17.4
120°	4.1	1.8	0.5	0.0	0.5	0.5	2.3	5.5	8.3	11.9	15.1
122.5°	3.7	1.8	0.5	0.0	0.5	0.5	1.8	4.6	7.3	10.5	13.3
125°	3.2	1.4	0.9	0.5	0.5	0.5	1.4	3.7	6.4	8.7	11.9
127.5°	3.2	1.4	0.9	0.5	0.5	0.5	0.9	3.2	5.0	7.8	10.5
130°	2.8	1.4	0.9	0.5	0.5	0.5	0.5	2.3	4.6	6.4	8.7
132.5°	2.3	1.4	0.9	0.5	0.5	0.5	0.5	1.4	3.2	5.5	7.3
135°	2.3	1.4	0.9	0.5	0.5	0.5	0.5	0.9	2.3	4.1	6.0
137.5°	1.8	0.9	0.9	0.5	0.5	0.5	0.5	0.5	1.8	3.2	4.6
140°	1.8	0.9	0.9	0.5	0.5	0.5	0.5	0.5	1.4	2.3	3.7
142.5°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.9	1.8	2.8
145°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.8
147.5°	1.4	1.4	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4
150°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
152.5°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
155°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9
157.5°	1.4	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
160°	1.4	0.9	0.9	0.5	0.9	0.5	0.9	0.9	0.9	0.9	0.9
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

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	836.0	827.3	831.9	830.5	832.4	836.0	835.6	834.7	834.7	833.3	831.5
5°	833.3	825.0	829.2	826.9	829.2	832.4	831.9	830.5	831.5	829.2	826.9
7.5°	827.8	820.4	824.1	822.3	824.1	827.3	826.0	825.5	826.4	822.7	821.4
10°	821.4	813.1	817.2	814.9	817.2	819.5	818.6	816.8	818.6	814.9	813.6
12.5°	811.3	804.4	807.1	806.2	807.6	809.9	808.1	806.7	807.6	804.4	801.6
15°	800.3	793.4	795.7	794.3	795.2	798.0	794.8	794.3	793.4	790.2	789.3
17.5°	786.1	779.6	781.9	779.6	781.0	780.1	779.6	777.3	777.3	773.7	770.9
20°	768.6	763.1	761.7	759.9	761.7	759.9	757.2	755.3	754.9	751.2	748.9
22.5°	748.4	742.0	742.9	737.9	738.4	735.6	731.0	729.2	727.4	723.2	720.0
25°	724.1	717.7	713.1	709.9	705.8	705.3	699.4	694.8	694.3	689.3	688.8
27.5°	696.6	689.3	685.6	677.8	672.8	668.7	663.6	659.0	656.7	651.2	647.6
30°	665.0	656.7	647.6	642.1	634.3	631.0	622.3	616.8	615.0	609.0	606.3
32.5°	629.2	620.5	613.2	602.6	593.9	589.3	580.6	575.1	572.8	566.4	562.7
35°	590.2	580.6	571.9	561.8	554.9	547.1	536.6	531.1	526.0	523.7	521.0
37.5°	549.4	538.9	528.8	518.7	512.7	503.6	494.4	490.7	484.7	482.5	479.7
40°	507.2	496.7	487.0	477.4	470.5	462.3	454.0	452.6	446.2	443.9	442.1
42.5°	465.5	454.5	443.5	436.6	431.6	423.3	417.8	416.4	410.9	409.5	409.5
45°	427.9	414.1	405.0	399.0	394.9	388.0	383.4	382.5	377.9	377.0	377.0
47.5°	387.5	374.7	367.8	364.1	360.5	355.4	352.7	352.7	348.1	347.2	346.7
50°	349.9	338.0	332.9	329.3	328.8	325.2	322.9	321.9	321.9	318.7	319.2
52.5°	314.1	308.2	304.1	301.8	299.0	296.7	294.9	294.9	293.5	291.2	292.1
55°	281.1	274.2	274.7	272.9	271.5	270.1	270.6	267.8	267.4	265.5	266.9
57.5°	248.1	248.1	247.2	245.8	243.5	244.4	244.4	244.4	242.1	240.8	242.1
60°	220.1	221.5	219.2	220.6	219.7	220.1	219.2	219.2	217.8	217.4	217.8
62.5°	195.4	197.7	196.7	198.6	197.7	198.1	199.0	197.2	196.3	195.4	196.3
65°	173.4	176.1	175.6	177.0	177.5	177.9	178.4	177.5	176.6	175.6	175.2
67.5°	154.1	156.8	158.7	159.1	159.6	161.0	160.5	159.6	158.7	157.3	156.8
70°	136.7	140.3	142.6	143.5	145.4	144.5	144.5	144.0	143.1	141.7	141.3
72.5°	122.0	126.1	128.4	129.3	131.2	131.2	130.7	130.2	129.3	128.0	127.5
75°	109.1	112.8	116.0	117.9	119.2	119.2	118.8	118.3	117.4	116.5	116.0
77.5°	99.1	102.3	105.0	107.3	108.2	108.7	108.2	107.3	107.3	106.9	106.4
80°	89.0	92.6	95.4	97.7	99.1	99.1	98.6	99.1	98.1	97.7	97.2
82.5°	80.3	84.4	87.6	89.9	90.8	91.3	90.8	91.3	90.3	90.3	90.3
85°	72.5	76.6	80.3	82.1	83.5	83.9	83.9	83.9	83.5	83.5	83.5
87.5°	66.0	70.2	73.8	75.7	77.0	77.5	77.5	78.0	77.0	77.0	77.0
90°	60.1	64.2	67.9	69.7	71.1	72.0	72.0	72.5	72.0	71.5	71.5
92.5°	54.6	59.2	62.8	64.7	66.0	67.4	67.4	67.9	67.0	67.0	67.0
95°	50.0	54.6	57.8	60.1	61.5	62.4	62.8	62.8	62.4	62.4	62.4
97.5°	45.9	50.0	53.2	55.5	56.9	57.3	57.8	58.2	57.8	57.8	57.8
100°	41.7	45.9	49.1	50.9	52.7	53.2	53.7	54.1	54.1	53.7	53.7
102.5°	38.1	42.2	44.9	47.2	48.6	49.5	50.0	50.0	50.0	50.0	50.0
105°	34.4	38.5	41.3	43.6	44.9	45.9	46.3	46.8	46.8	46.3	46.3
107.5°	31.2	34.9	38.1	39.9	41.7	42.7	43.1	43.1	43.6	43.1	43.1
110°	28.0	32.1	34.9	36.7	38.5	39.4	39.9	40.4	40.4	40.4	40.4



TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	25.7	28.9	31.6	33.5	35.3	36.2	36.7	37.1	37.6	37.1	37.1
115°	22.9	26.1	28.9	30.7	32.1	33.0	33.9	34.4	34.4	34.9	34.4
117.5°	20.6	23.4	26.1	28.0	29.4	30.7	31.2	31.6	32.1	31.6	31.6
120°	18.3	21.1	23.4	25.2	26.6	28.0	28.4	28.9	29.4	28.9	28.9
122.5°	16.5	18.8	21.1	22.9	24.3	25.2	26.1	26.1	26.6	26.6	26.6
125°	14.7	17.0	18.8	20.6	22.0	22.9	23.4	23.8	23.8	24.3	24.3
127.5°	12.8	14.7	17.0	18.3	19.7	20.6	21.1	21.6	21.6	22.0	22.0
130°	11.0	12.8	14.7	16.1	17.4	18.3	18.8	19.3	19.7	19.7	19.7
132.5°	9.6	11.5	12.8	14.2	15.1	16.1	17.0	17.4	17.4	17.4	17.4
135°	7.8	9.6	11.0	12.4	13.3	14.2	14.7	15.6	15.6	15.6	15.6
137.5°	6.4	8.3	9.6	10.5	11.5	12.4	12.8	13.3	13.8	13.8	13.8
140°	5.0	6.4	7.8	9.2	10.1	10.5	11.5	11.5	11.9	11.9	11.9
142.5°	3.7	5.0	6.0	7.3	8.3	9.2	9.6	10.1	10.1	10.1	10.1
145°	2.8	3.7	4.6	5.5	6.9	7.3	7.8	8.3	8.7	8.7	8.7
147.5°	1.8	2.8	3.2	4.1	5.0	6.0	6.4	6.9	7.3	7.3	7.3
150°	1.4	1.8	2.8	3.2	3.7	4.6	5.5	5.5	6.0	6.0	5.5
152.5°	0.9	1.4	1.8	2.3	2.8	3.2	4.1	4.1	4.6	4.6	4.6
155°	0.9	0.9	0.9	1.4	1.8	2.3	2.8	3.2	3.2	3.2	3.2
157.5°	0.9	0.9	0.9	0.9	0.9	1.4	1.8	2.3	2.3	2.3	2.3
160°	0.9	0.9	0.5	0.5	0.9	0.9	0.9	0.9	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: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	832.8	833.7	833.7	832.8	832.4	834.2	831.9	823.2	826.0	826.9	829.6
5°	828.7	829.6	829.6	829.6	828.7	830.5	828.2	819.5	822.7	824.1	826.0
7.5°	822.7	823.2	824.1	823.7	822.7	825.5	823.2	814.5	816.8	819.1	821.4
10°	814.9	814.9	815.4	816.3	815.4	817.7	815.4	807.6	809.9	811.3	814.0
12.5°	804.4	805.3	805.8	805.3	804.9	806.7	805.8	798.4	799.4	802.1	804.9
15°	790.2	790.2	792.5	791.6	791.6	793.4	794.3	786.1	787.4	791.6	794.3
17.5°	772.8	773.2	775.0	776.0	775.5	778.7	779.2	772.8	772.3	777.3	780.1
20°	750.3	751.2	753.5	755.3	755.3	759.0	760.4	756.2	756.7	762.2	763.1
22.5°	722.8	722.8	726.9	729.6	731.9	734.2	738.4	734.7	734.7	742.0	746.2
25°	688.8	692.0	693.4	698.9	702.1	708.5	712.2	712.7	713.1	720.0	722.8
27.5°	651.2	652.1	656.3	662.7	666.4	672.3	679.2	680.6	682.9	692.0	696.2
30°	608.6	611.3	613.2	622.3	627.4	635.2	643.9	647.1	648.9	661.3	666.4
32.5°	565.0	565.9	573.7	578.8	584.7	593.0	603.1	609.0	612.7	625.5	632.9
35°	521.4	523.3	529.7	536.1	542.1	550.3	560.9	569.1	575.6	587.0	596.6
37.5°	481.5	486.1	487.5	493.9	498.5	506.8	514.1	526.0	532.4	544.4	556.8
40°	445.8	447.1	448.1	454.5	457.7	465.5	476.0	483.8	492.5	501.3	515.9
42.5°	410.5	411.4	412.7	416.4	420.1	425.6	433.4	441.2	450.4	463.2	472.8
45°	377.9	378.8	379.7	382.0	385.2	390.3	395.3	400.8	410.0	421.0	431.1
47.5°	347.6	349.5	349.5	349.9	352.2	356.3	360.0	366.9	371.9	377.9	389.4
50°	318.7	320.1	320.6	320.6	321.9	324.7	325.6	330.2	334.8	340.3	348.5
52.5°	291.7	291.7	291.2	293.1	293.1	294.9	295.3	298.1	301.3	307.3	310.9
55°	266.0	266.0	267.4	266.5	266.5	267.4	266.9	267.4	270.1	273.8	277.0
57.5°	241.2	240.8	242.1	241.2	240.8	241.7	242.6	240.8	241.2	244.9	244.9
60°	216.5	216.9	218.3	217.4	217.4	217.4	216.5	215.5	214.6	216.9	217.8
62.5°	196.7	195.4	196.7	195.4	196.3	195.8	194.9	193.1	193.5	192.6	191.7
65°	176.1	176.1	176.6	175.2	176.1	176.1	174.7	174.3	171.5	170.6	168.3
67.5°	158.2	158.2	158.7	157.8	157.8	158.2	156.8	155.5	152.7	151.3	148.1
70°	142.6	142.6	142.6	142.2	142.2	142.2	141.3	139.4	136.7	134.4	130.2
72.5°	128.4	128.9	128.4	128.4	129.8	128.4	127.0	125.2	122.9	118.3	114.7
75°	116.9	117.4	116.9	116.9	116.9	116.5	116.0	113.3	110.5	106.9	101.4
77.5°	106.9	106.9	107.3	106.9	106.9	106.4	105.0	102.7	99.5	96.3	89.9
80°	97.2	97.7	98.1	98.6	97.7	97.2	95.8	94.0	89.9	86.2	79.8
82.5°	90.3	89.9	90.3	90.8	89.9	89.4	88.1	85.8	82.5	77.5	71.1
85°	83.5	83.0	83.0	83.5	83.0	82.1	80.7	78.4	75.2	70.2	63.7
87.5°	76.6	77.0	77.5	77.0	76.6	75.7	74.3	72.0	68.3	64.2	57.3
90°	71.5	71.5	71.5	71.5	71.1	70.2	68.8	66.0	62.8	57.8	51.8
92.5°	67.0	67.0	67.0	67.0	66.5	65.1	63.7	61.5	57.8	52.7	47.2
95°	62.4	62.8	62.4	62.4	61.5	61.0	58.7	56.4	53.2	48.2	42.2
97.5°	57.3	57.8	57.3	57.3	56.9	56.0	54.6	51.8	48.6	44.0	38.5
100°	53.7	53.7	53.2	53.2	52.7	51.8	50.0	47.7	44.5	39.9	34.4
102.5°	49.5	50.0	49.5	49.5	48.6	47.7	46.3	44.0	40.8	36.2	31.2
105°	46.3	46.3	45.9	45.9	44.9	44.0	42.7	39.9	37.1	33.0	28.0
107.5°	43.1	43.1	42.7	42.7	41.7	40.8	39.0	36.7	33.9	29.8	25.2
110°	39.9	39.9	39.9	39.4	38.5	37.1	35.8	33.5	30.7	27.1	22.5

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	37.6	37.1	36.7	36.2	35.3	34.4	32.6	30.3	27.5	24.3	20.2
115°	34.4	34.4	33.9	33.5	32.6	31.2	29.8	28.0	25.2	21.6	17.9
117.5°	31.6	31.6	31.2	30.7	29.8	28.4	27.1	25.2	22.5	19.3	16.1
120°	28.9	28.9	28.4	28.0	27.1	25.7	24.8	22.5	20.2	17.0	14.2
122.5°	26.6	26.1	26.1	25.2	24.8	23.4	22.0	20.2	17.9	15.1	12.4
125°	23.8	23.8	23.4	22.9	22.5	21.1	19.7	17.9	15.6	13.3	11.0
127.5°	21.6	21.6	21.1	20.6	20.2	18.8	17.4	16.1	13.8	11.5	9.2
130°	19.3	19.3	18.8	18.3	17.9	16.5	15.6	13.8	11.9	10.1	7.8
132.5°	17.4	17.4	17.0	16.5	15.6	14.7	13.8	11.9	10.5	8.7	6.9
135°	15.6	15.1	15.1	14.7	13.8	12.8	11.9	10.5	8.7	7.3	5.5
137.5°	13.8	13.3	12.8	12.4	11.9	11.0	10.1	9.2	7.8	6.0	4.6
140°	11.9	11.5	11.5	11.0	10.1	9.6	8.7	7.3	6.4	5.0	3.7
142.5°	10.1	10.1	9.6	9.2	8.7	8.3	7.3	6.4	5.0	4.1	2.8
145°	8.7	8.3	8.3	7.8	7.3	6.4	6.0	5.0	4.1	3.2	2.3
147.5°	6.9	6.9	6.9	6.4	6.0	5.5	5.0	4.1	3.2	2.3	1.4
150°	5.5	5.5	5.5	5.0	4.6	4.1	3.7	3.2	2.3	1.4	0.9
152.5°	4.6	4.6	4.1	4.1	3.7	3.2	2.8	2.3	1.4	0.9	0.9
155°	3.2	3.2	3.2	2.8	2.8	2.3	1.8	1.4	0.9	0.9	0.9
157.5°	2.3	2.3	2.3	1.8	1.8	1.4	1.4	0.9	0.9	0.9	0.9
160°	1.4	1.4	1.4	1.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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

TEST NUMBER: P1212985

CATALOG NUMBER: 2SNLED-LD5-26SL-LN-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	833.7	833.7	833.7	833.7	833.7	833.7	833.7
2.5°	828.2	827.8	831.5	831.5	827.3	833.7	840.6
5°	825.5	825.0	828.7	828.7	825.0	831.5	838.8
7.5°	820.0	820.4	824.1	825.0	820.4	826.4	834.2
10°	814.0	813.6	817.7	818.6	814.9	820.4	827.8
12.5°	804.4	804.4	808.5	809.9	806.2	812.7	819.5
15°	794.3	794.3	797.1	799.4	796.1	802.1	809.0
17.5°	781.5	781.0	783.8	786.5	783.3	789.7	797.1
20°	765.0	765.0	768.2	771.4	769.1	775.0	783.3
22.5°	747.5	745.7	751.2	753.5	752.1	758.1	766.3
25°	725.5	725.1	730.6	733.8	731.9	738.4	745.7
27.5°	701.7	701.2	706.7	710.8	709.9	715.9	724.1
30°	672.8	675.1	680.1	687.0	684.7	691.1	699.8
32.5°	642.5	644.8	650.8	658.1	658.6	663.6	672.3
35°	606.3	612.2	616.4	626.0	627.8	632.9	642.1
37.5°	568.2	575.1	583.8	591.1	594.8	598.9	609.5
40°	525.6	535.7	545.3	554.0	558.6	562.7	572.8
42.5°	487.0	494.8	504.0	512.7	521.0	524.6	535.2
45°	443.5	452.6	460.9	471.4	479.7	483.8	494.4
47.5°	400.8	410.0	421.0	428.3	437.1	441.2	451.3
50°	360.0	368.3	377.4	386.1	393.5	397.2	405.9
52.5°	319.6	328.4	337.1	342.6	350.4	353.1	360.5
55°	283.9	289.8	297.6	300.8	308.6	310.5	315.5
57.5°	249.5	253.6	256.4	261.9	267.4	271.5	277.5
60°	218.3	220.1	222.0	225.2	229.8	231.1	233.4
62.5°	190.3	189.9	193.5	194.4	194.9	199.5	197.2
65°	165.6	166.0	162.8	161.4	163.3	164.6	163.7
67.5°	144.9	142.2	139.4	136.2	133.5	134.8	133.5
70°	124.7	122.4	117.9	113.3	111.4	108.7	107.3
72.5°	108.7	103.2	98.6	92.6	89.4	86.2	83.9
75°	96.3	88.5	82.1	75.7	71.1	66.5	65.6
77.5°	83.5	76.1	68.8	61.9	55.0	50.0	48.2
80°	73.4	66.5	57.8	49.5	42.2	35.8	33.5
82.5°	64.2	56.9	48.2	39.4	31.2	24.3	21.6
85°	56.4	48.6	39.9	31.2	22.9	15.6	11.9
87.5°	50.4	41.7	33.0	24.8	16.1	8.7	4.6
90°	44.9	36.7	28.4	19.7	11.5	4.6	0.0
92.5°	39.9	32.1	23.8	16.1	8.7	2.8	0.5
95°	35.3	28.4	20.2	12.8	6.4	1.8	0.5
97.5°	31.6	24.8	17.4	10.5	5.0	1.4	0.5
100°	28.4	21.6	15.1	8.7	4.1	0.9	0.5
102.5°	25.2	19.3	12.8	7.3	3.2	0.5	0.5
105°	22.5	17.0	11.0	6.4	2.8	0.5	0.5
107.5°	20.2	15.1	9.6	5.5	1.8	0.5	0.5
110°	17.9	12.8	8.3	4.6	1.4	0.5	0.5



TEST NUMBER: P1212985

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	16.1	11.5	7.3	3.7	0.9	0.5	0.5
115°	14.2	10.1	6.4	3.2	0.9	0.5	0.5
117.5°	12.4	8.7	5.5	2.3	0.5	0.5	0.5
120°	11.0	7.8	4.6	1.8	0.5	0.5	0.5
122.5°	9.6	6.4	3.7	1.4	0.5	0.5	0.5
125°	8.3	5.5	3.2	0.9	0.5	0.5	0.5
127.5°	6.9	4.6	2.3	0.9	0.5	0.5	0.5
130°	6.0	3.7	1.8	0.5	0.5	0.5	0.5
132.5°	5.0	2.8	1.4	0.5	0.5	0.5	0.5
135°	4.1	2.3	0.9	0.5	0.5	0.5	0.5
137.5°	3.2	1.8	0.9	0.5	0.5	0.5	0.5
140°	2.3	1.4	0.5	0.5	0.5	0.5	0.5
142.5°	1.8	0.9	0.5	0.5	0.5	0.5	0.5
145°	1.4	0.9	0.5	0.5	0.5	0.5	0.5
147.5°	0.9	0.9	0.9	0.9	0.5	0.5	0.5
150°	0.9	0.9	0.5	0.5	0.9	0.5	0.5
152.5°	0.9	0.5	0.5	0.5	0.9	0.5	0.5
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.5
157.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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)