Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P561249

Luminaire Tested: **SDL-PA1-90-730-U-T3**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P561249
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-4)
Test Lab:	INNOVATION CENTER
Issue Date:	7/26/2021
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	SDL-PA1-90-730-U-T3
Description:	Springdale
	(1) 70 CRI, 3000K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

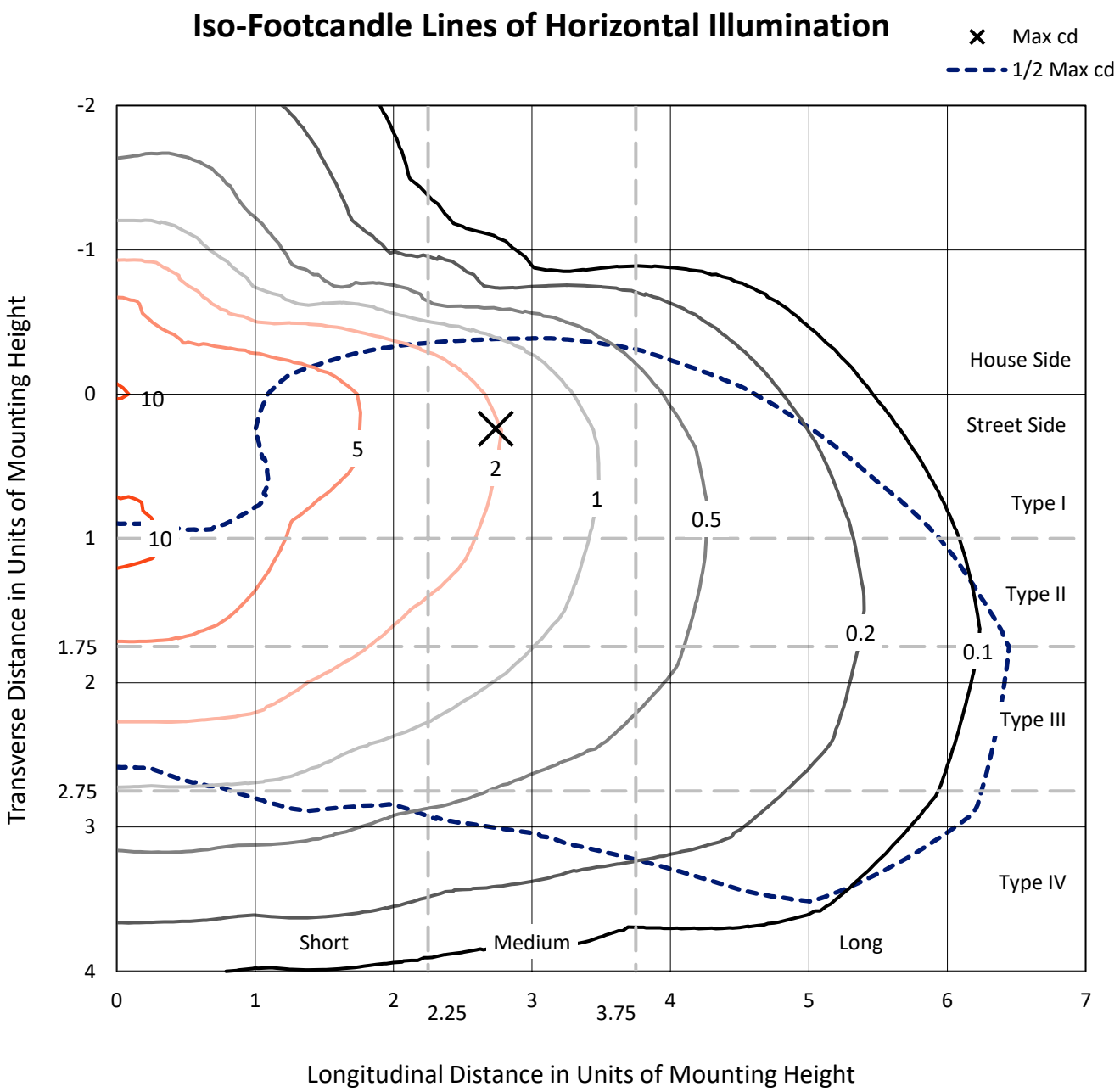
Lumens per Lamp:	N/A
Luminaire Lumens:	9276.1 lumens
Efficiency:	N/A
Efficacy:	100.4 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	92.4
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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

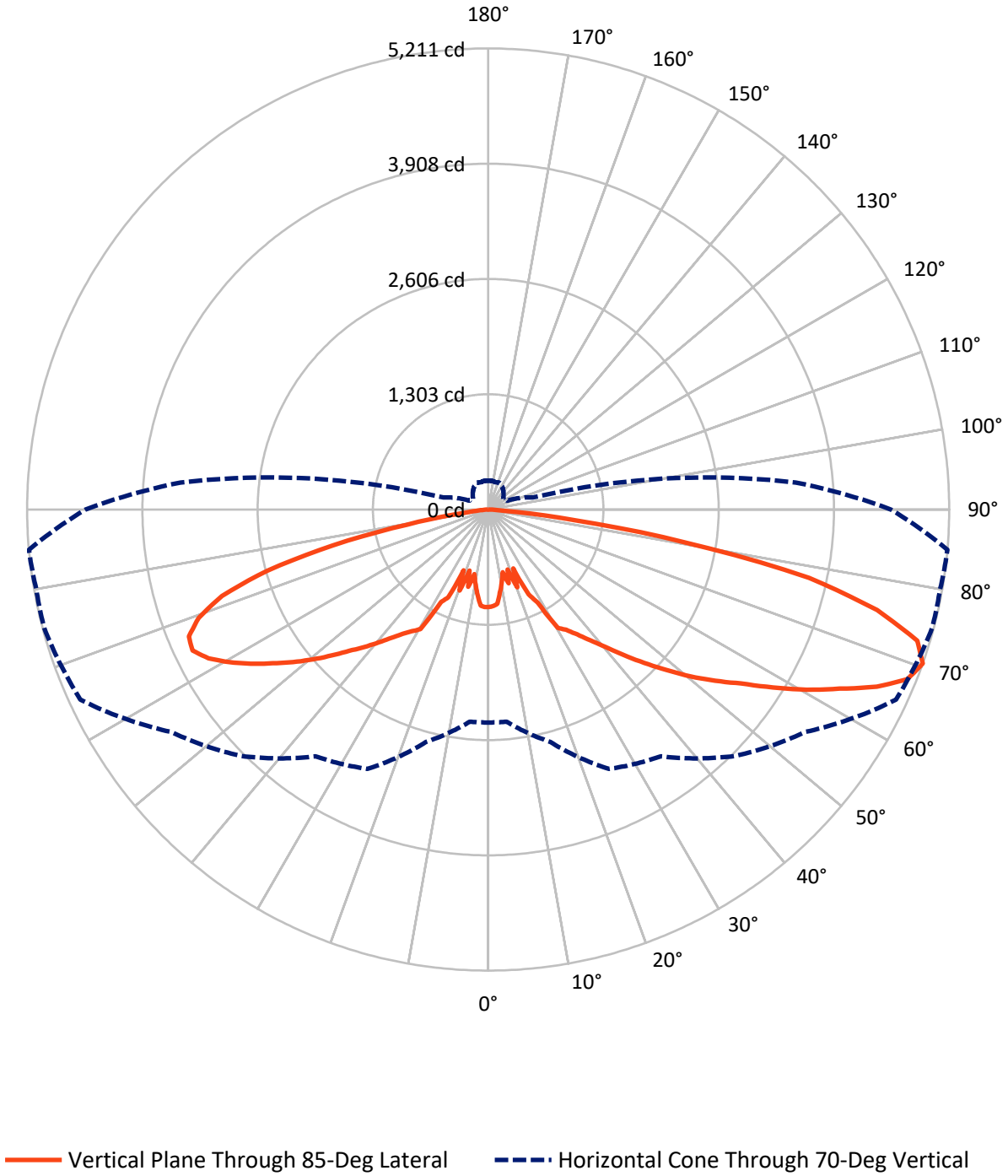
REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3



Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type IV - Medium - N/A

REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

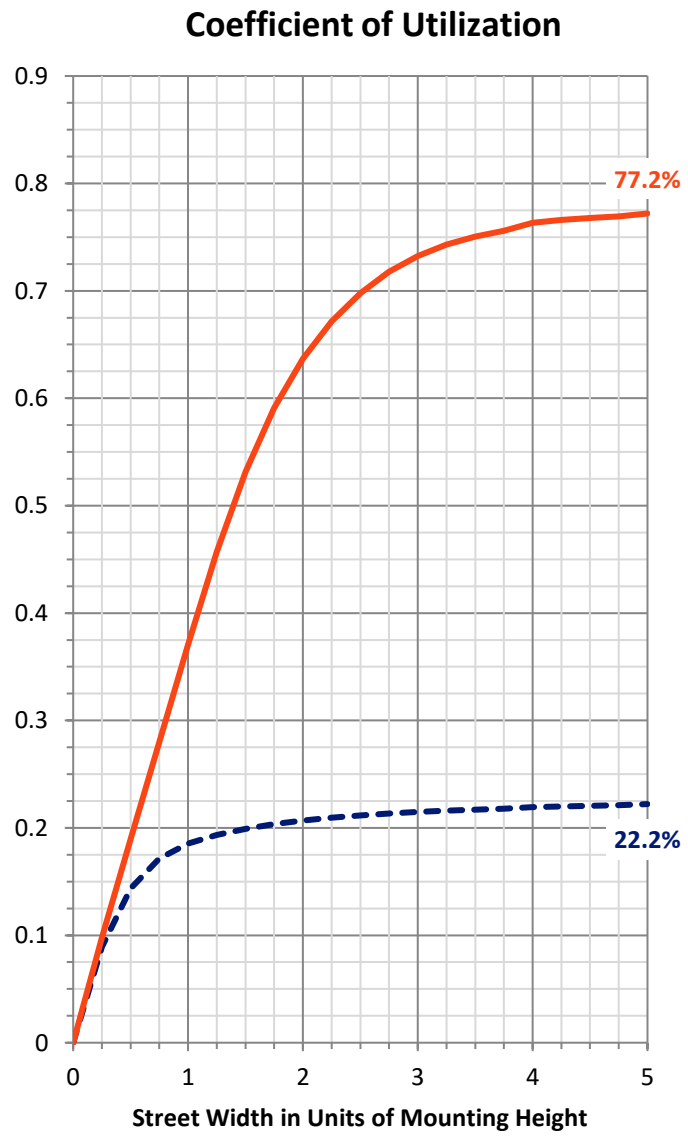
REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2097.4	0.0	2097.4
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	7178.7	0.0	7178.7
	% Fixture	77.4	0.0	77.4
Total	Lumens	9276.1	0.0	9276.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.5	1.0
10°-20°	224.0	2.4
20°-30°	409.4	4.4
30°-40°	773.0	8.3
40°-50°	1259.3	13.6
50°-60°	1942.7	20.9
60°-70°	2381.2	25.7
70°-80°	1864.9	20.1
80°-90°	332.1	3.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9276.1	100.0
0°-180°	9276.1	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

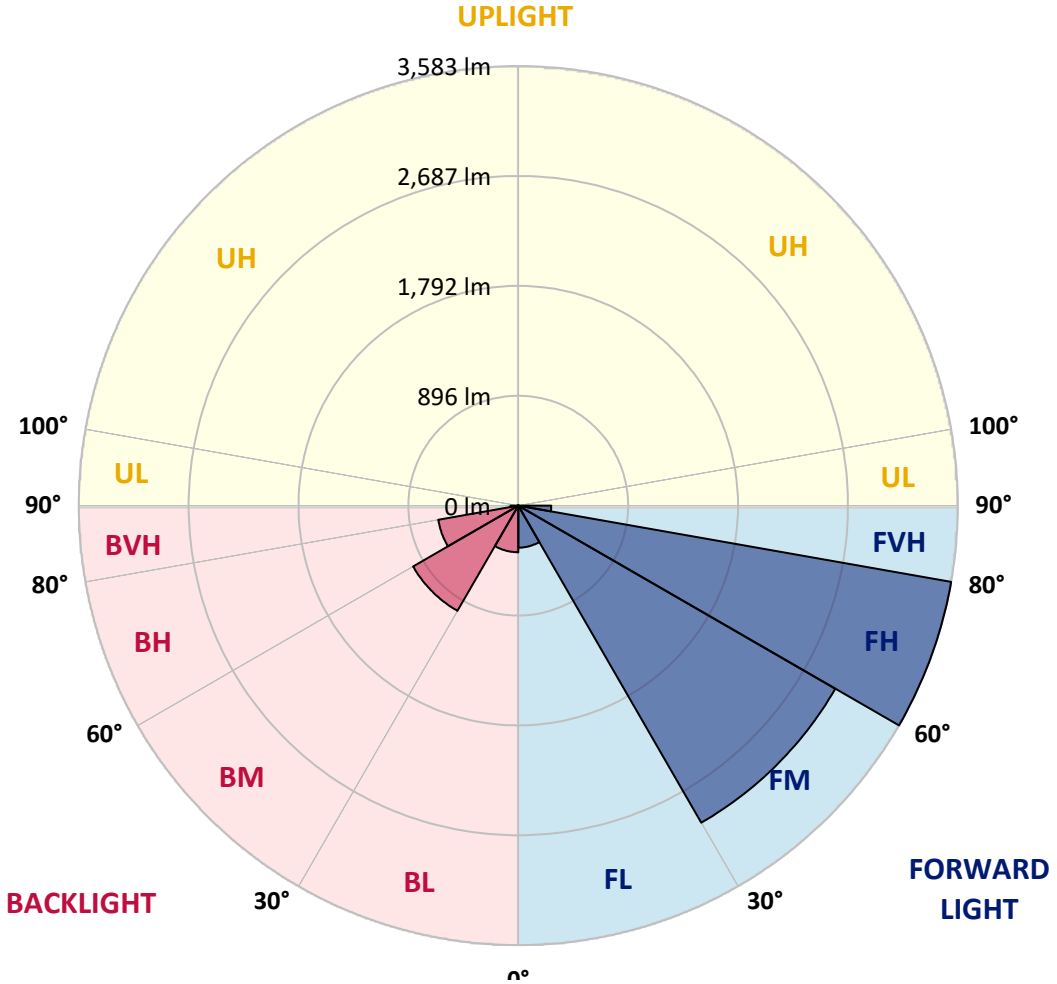
Scaled Data Report

REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	342.5	3.7			
FM	(30°-60°)	2984.3	32.2			
FH	(60°-80°)	3583.0	38.6			G2/5000
FVH	(80°-90°)	268.9	2.9			G3/500
BL	(0°-30°)	380.4	4.1	B1/500		
BM	(30°-60°)	990.7	10.7	B1/1000		
BH	(60°-80°)	663.1	7.1	B2/1000		G2/1000
BVH	(80°-90°)	63.1	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9
2.5°	908.6	990.0	990.0	990.0	1006.9	1020.5	1027.3	1030.7	1044.2	1054.4	1061.2
5°	847.6	851.0	851.0	851.0	854.4	857.8	861.1	864.5	871.3	874.7	884.9
7.5°	712.0	725.5	752.7	776.4	793.3	810.3	823.9	834.0	840.8	847.6	851.0
10°	793.3	793.3	793.3	793.3	793.3	793.3	752.7	712.0	715.4	715.4	695.0
12.5°	664.5	684.9	715.4	742.5	766.2	786.6	759.4	732.3	681.5	630.6	630.6
15°	769.6	769.6	766.2	762.8	718.8	674.7	634.0	593.3	620.4	647.6	600.1
17.5°	661.1	664.5	705.2	742.5	735.7	725.5	688.2	647.6	583.1	515.3	583.1
20°	847.6	837.4	817.1	796.7	701.8	606.9	623.8	640.8	657.7	671.3	671.3
22.5°	779.8	786.6	800.1	813.7	803.5	790.0	691.6	593.3	650.9	708.6	657.7
25°	1068.0	1068.0	1027.3	986.6	884.9	779.8	796.7	810.3	712.0	610.3	695.0
27.5°	986.6	979.8	962.9	942.5	962.9	979.8	891.7	800.1	827.2	854.4	783.2
30°	1312.1	1312.1	1295.1	1278.2	1132.4	983.2	973.0	959.5	901.8	840.8	881.5
32.5°	1573.1	1569.7	1491.8	1413.8	1332.4	1247.6	1159.5	1068.0	1061.2	1054.4	1047.6
35°	1885.0	1885.0	1841.0	1796.9	1617.2	1434.1	1329.0	1223.9	1193.4	1162.9	1186.6
37.5°	2061.3	2085.1	2068.1	2047.8	1851.1	1651.1	1505.3	1356.1	1325.6	1295.1	1305.3
40°	2305.4	2298.7	2295.3	2288.5	2061.3	1834.2	1678.2	1518.9	1498.5	1478.2	1478.2
42.5°	2675.0	2637.7	2597.0	2552.9	2322.4	2091.8	1918.9	1742.6	1705.3	1664.7	1668.1
45°	3183.5	3142.9	3047.9	2949.6	2715.7	2481.7	2251.2	2020.6	1956.2	1888.4	1881.6
47.5°	3495.5	3451.4	3403.9	3353.1	3102.2	2851.3	2614.0	2373.2	2278.3	2183.4	2146.1
50°	3817.5	3776.9	3739.6	3702.3	3481.9	3261.5	3024.2	2786.9	2637.7	2488.5	2424.1
52.5°	4122.7	4048.1	4010.8	3973.5	3787.0	3597.2	3349.7	3102.2	2990.3	2878.4	2739.4
55°	4271.8	4180.3	4166.7	4149.8	4010.8	3868.4	3631.1	3393.7	3268.3	3139.5	3000.5
57.5°	4061.6	4068.4	4143.0	4217.6	4139.6	4061.6	3837.9	3614.1	3488.7	3363.2	3258.1
60°	3871.8	3922.6	4014.2	4105.7	4112.5	4115.9	3997.2	3878.6	3739.6	3600.6	3519.2
62.5°	3610.7	3648.0	3790.4	3929.4	4034.5	4136.2	4014.2	3892.1	3844.7	3793.8	3742.9
65°	3258.1	3268.3	3431.0	3590.4	3780.2	3966.7	3871.8	3776.9	3858.2	3936.2	3943.0
67.5°	2827.6	2858.1	3017.4	3176.8	3407.3	3634.5	3631.1	3627.7	3800.6	3970.1	4088.8
70°	*2407.1*	*2407.1*	*2563.1*	*2719.1*	*2976.7*	*3234.4*	*3319.2*	*3403.9*	*3671.7*	*3939.6*	*4160.0*
72.5°	1813.8	1898.6	1980.0	2061.3	2349.5	2634.3	2820.8	3007.2	3407.3	3804.0	4139.6
75°	1000.2	1006.9	1078.1	1149.3	1437.5	1725.7	2007.1	2288.5	2824.2	3359.8	3888.7
77.5°	328.9	318.7	359.4	396.7	566.2	732.3	969.6	1207.0	1796.9	2386.8	3237.8
80°	183.1	186.5	200.0	213.6	267.8	318.7	434.0	549.2	800.1	1047.6	2057.9
82.5°	122.1	125.4	139.0	152.6	176.3	200.0	264.4	325.5	349.2	369.5	929.0
85°	78.0	81.4	88.1	94.9	101.7	105.1	149.2	193.2	176.3	159.3	278.0
87.5°	17.0	17.0	20.3	20.3	23.7	27.1	33.9	40.7	37.3	30.5	40.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	*1101.9*	1101.9	1101.9	1101.9	1101.9
2.5°	1064.6	1071.4	1074.7	1078.1	1081.5	1088.3	*1091.7*	1095.1	1101.9	1105.3	1105.3
5°	895.1	956.1	1013.7	1034.1	1054.4	1064.6	*1071.4*	1081.5	1088.3	1095.1	1101.9
7.5°	854.4	857.8	861.1	884.9	908.6	929.0	*949.3*	956.1	973.0	962.9	949.3
10°	671.3	674.7	674.7	698.4	722.1	793.3	*840.8*	851.0	861.1	820.5	776.4
12.5°	627.2	644.2	661.1	650.9	640.8	691.6	*725.5*	739.1	745.9	718.8	691.6
15°	549.2	566.2	579.7	657.7	735.7	803.5	*864.5*	881.5	901.8	857.8	810.3
17.5°	650.9	644.2	634.0	647.6	661.1	678.1	*712.0*	722.1	722.1	735.7	749.3
20°	671.3	596.7	522.1	661.1	800.1	861.1	*939.1*	966.2	973.0	935.7	898.4
22.5°	603.5	688.2	773.0	756.0	739.1	722.1	*722.1*	732.3	742.5	749.3	756.0
25°	776.4	705.2	634.0	796.7	959.5	1023.9	*1061.2*	1078.1	1091.7	1044.2	993.4
27.5°	712.0	806.9	898.4	969.6	1040.8	1112.0	*1190.0*	1264.6	1173.1	1129.0	1084.9
30°	918.8	996.8	1074.7	1244.3	1413.8	1505.3	*1552.8*	1552.8	1552.8	1488.4	1420.6
32.5°	1040.8	1176.5	1312.1	1403.6	1491.8	1583.3	*1620.6*	1620.6	1620.6	1542.6	1461.2
35°	1207.0	1315.5	1423.9	1529.0	1634.1	1705.3	*1732.5*	1722.3	1702.0	1596.9	1491.8
37.5°	1315.5	1461.2	1607.0	1715.5	1820.6	1864.7	*1874.9*	1844.4	1813.8	1674.8	1532.4
40°	1478.2	1637.5	1793.5	1908.8	2024.0	2061.3	*2041.0*	2000.3	1946.1	1759.6	1573.1
42.5°	1668.1	1827.4	1986.7	2122.4	2254.6	2278.3	*2247.8*	2183.4	2088.5	1834.2	1576.5
45°	1874.9	2034.2	2190.2	2342.7	2495.3	2512.2	*2471.6*	2376.6	2237.6	1905.4	1573.1
47.5°	2105.4	2230.9	2356.3	2573.3	2790.3	2769.9	*2708.9*	2600.4	2417.3	1990.1	1559.6
50°	2359.7	2458.0	2552.9	2824.2	3095.4	3034.4	*2966.6*	2847.9	2607.2	2088.5	1566.3
52.5°	2597.0	2691.9	2786.9	3068.3	3346.3	3288.6	*3214.1*	3109.0	2800.4	2193.6	1583.3
55°	2861.5	2963.2	3064.9	3363.2	3661.6	3563.3	*3468.3*	3400.5	2990.3	2281.7	1573.1
57.5°	3149.6	3278.5	3407.3	3681.9	3953.1	3848.0	*3793.8*	3705.7	3200.5	2386.8	1573.1
60°	3437.8	3593.8	3749.7	3990.4	4231.2	4146.4	*4136.2*	4014.2	3397.1	2464.8	1529.0
62.5°	3692.1	3926.0	4160.0	4349.8	4536.3	4454.9	*4458.3*	4315.9	3580.2	2481.7	1379.9
65°	3949.8	4251.5	4549.9	4688.9	4827.9	4770.2	*4827.9*	4573.6	3702.3	2413.9	1125.6
67.5°	4204.0	4536.3	4868.5	4973.6	5078.7	5044.8	*5112.6*	4658.3	3675.1	2237.6	796.7
70°	*4380.3*	*4732.9*	*5085.5*	*5139.8*	*5194.0*	*5187.2*	*5211.0*	*4553.2*	*3492.1*	*2010.5*	*525.5*
72.5°	4475.3	4807.5	5136.4	5160.1	5180.5	5170.3	*5072.0*	4224.4	3163.2	1763.0	362.8
75°	4414.2	4736.3	5058.4	5010.9	4963.5	4868.5	*4539.7*	3637.8	2593.6	1430.7	267.8
77.5°	4088.8	4438.0	4787.2	4665.1	4539.7	4261.7	*3709.0*	2725.8	1803.7	1006.9	206.8
80°	3068.3	3498.8	3929.4	3783.6	3634.5	3047.9	*2258.0*	1525.7	932.3	545.8	159.3
82.5°	1485.0	1725.7	1966.4	1929.1	1891.8	1400.2	*976.4*	549.2	267.8	196.6	125.4
85°	393.3	583.1	773.0	739.1	705.2	372.9	*162.7*	142.4	105.1	98.3	88.1
87.5°	47.5	54.2	57.6	40.7	20.3	17.0	*17.0*	10.2	10.2	13.6	13.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0

REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9
2.5°	1112.0	1115.4	1115.4	1115.4	1115.4	1115.4	1088.3	1061.2	1054.4	1047.6	1034.1
5°	1071.4	1037.4	1013.7	990.0	990.0	986.6	996.8	1006.9	1013.7	1017.1	1020.5
7.5°	952.7	956.1	976.4	993.4	1010.3	1023.9	1034.1	1040.8	1034.1	1023.9	983.2
10°	779.8	783.2	800.1	813.7	837.4	857.8	915.4	969.6	1034.1	1098.5	1115.4
12.5°	742.5	790.0	762.8	735.7	810.3	881.5	956.1	1027.3	1078.1	1125.6	1091.7
15°	756.0	701.8	712.0	722.1	813.7	905.2	851.0	793.3	929.0	1064.6	1095.1
17.5°	752.7	752.7	803.5	854.4	769.6	681.5	806.9	929.0	983.2	1034.1	993.4
20°	803.5	705.2	742.5	776.4	844.2	908.6	854.4	800.1	820.5	840.8	973.0
22.5°	837.4	915.4	830.6	742.5	803.5	864.5	854.4	844.2	905.2	966.2	932.3
25°	874.7	752.7	813.7	871.3	803.5	732.3	786.6	837.4	820.5	803.5	908.6
27.5°	1003.5	918.8	840.8	762.8	803.5	840.8	800.1	756.0	773.0	790.0	783.2
30°	1213.7	1003.5	905.2	806.9	756.0	701.8	705.2	708.6	728.9	749.3	806.9
32.5°	1268.0	1074.7	932.3	790.0	756.0	722.1	691.6	657.7	688.2	718.8	786.6
35°	1281.6	1068.0	915.4	762.8	708.6	654.3	634.0	613.7	664.5	715.4	776.4
37.5°	1274.8	1013.7	851.0	688.2	647.6	606.9	596.7	583.1	617.0	647.6	691.6
40°	1257.8	942.5	779.8	617.0	583.1	549.2	542.5	535.7	559.4	583.1	610.3
42.5°	1227.3	874.7	712.0	549.2	525.5	501.8	495.0	484.8	505.2	525.5	535.7
45°	1190.0	806.9	654.3	498.4	481.4	461.1	450.9	437.4	457.7	474.6	478.0
47.5°	1152.7	742.5	603.5	461.1	447.5	430.6	420.4	406.8	423.8	437.4	440.7
50°	1122.2	674.7	549.2	423.8	410.2	396.7	386.5	376.3	393.3	406.8	406.8
52.5°	1105.3	623.8	501.8	379.7	372.9	366.2	362.8	356.0	369.5	383.1	386.5
55°	1064.6	552.6	447.5	339.0	342.4	342.4	339.0	332.3	359.4	383.1	393.3
57.5°	1020.5	467.9	389.9	308.5	315.3	322.1	325.5	328.9	359.4	386.5	400.1
60°	962.9	396.7	339.0	281.4	291.6	298.4	315.3	328.9	356.0	383.1	389.9
62.5°	861.1	339.0	298.4	257.7	271.2	284.8	305.1	325.5	345.8	366.2	366.2
65°	712.0	295.0	267.8	237.3	257.7	274.6	298.4	322.1	339.0	352.6	349.2
67.5°	532.3	264.4	244.1	220.4	244.1	264.4	284.8	305.1	325.5	345.8	339.0
70°	*383.1*	*237.3*	*223.8*	*206.8*	*227.2*	*247.5*	*267.8*	*288.2*	*308.5*	*328.9*	*325.5*
72.5°	291.6	217.0	203.4	189.9	210.2	227.2	250.9	274.6	295.0	315.3	308.5
75°	233.9	196.6	186.5	172.9	193.2	213.6	237.3	257.7	278.0	298.4	291.6
77.5°	193.2	176.3	166.1	156.0	172.9	189.9	213.6	237.3	257.7	274.6	267.8
80°	156.0	149.2	142.4	132.2	152.6	169.5	193.2	213.6	230.5	247.5	237.3
82.5°	122.1	118.7	115.3	108.5	125.4	142.4	166.1	189.9	203.4	217.0	210.2
85°	91.5	91.5	88.1	84.8	98.3	108.5	122.1	132.2	145.8	156.0	149.2
87.5°	13.6	13.6	20.3	23.7	23.7	23.7	33.9	44.1	44.1	40.7	33.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P561249
CATALOG NUMBER: SDL-PA1-90-730-U-T3

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	1101.9	1101.9	1101.9	1101.9
2.5°	1020.5	1020.5	1020.5	1023.9
5°	1023.9	1027.3	1027.3	1034.1
7.5°	939.1	935.7	932.3	932.3
10°	1129.0	1135.8	1139.2	1145.9
12.5°	1054.4	1013.7	973.0	973.0
15°	1125.6	1132.4	1135.8	1142.5
17.5°	952.7	949.3	945.9	939.1
20°	1101.9	1108.6	1112.0	1112.0
22.5°	898.4	898.4	895.1	895.1
25°	1013.7	1013.7	1013.7	1020.5
27.5°	773.0	796.7	820.5	851.0
30°	864.5	867.9	871.3	871.3
32.5°	854.4	898.4	942.5	949.3
35°	837.4	837.4	834.0	837.4
37.5°	735.7	725.5	712.0	718.8
40°	634.0	610.3	586.5	583.1
42.5°	545.8	525.5	501.8	501.8
45°	481.4	467.9	450.9	444.1
47.5°	440.7	427.2	413.6	410.2
50°	403.5	389.9	376.3	376.3
52.5°	389.9	379.7	366.2	362.8
55°	403.5	383.1	362.8	356.0
57.5°	410.2	386.5	362.8	352.6
60°	393.3	379.7	362.8	349.2
62.5°	362.8	356.0	349.2	342.4
65°	342.4	342.4	339.0	332.3
67.5°	332.3	335.6	335.6	328.9
70°	*318.7*	*325.5*	*328.9*	*322.1*
72.5°	301.7	305.1	305.1	295.0
75°	281.4	278.0	274.6	267.8
77.5°	257.7	254.3	247.5	240.7
80°	227.2	223.8	220.4	210.2
82.5°	200.0	206.8	210.2	172.9
85°	139.0	125.4	111.9	91.5
87.5°	27.1	20.3	10.2	10.2
90°	0.0	0.0	0.0	0.0

Report Generated By 670245982

HS SS

0

(END OF REPORT)