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: P560753

Luminaire Tested: **SDL-PA1-60-750-U-SL3**

Issue Date: 7/26/2021

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P560753
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-16)
Test Lab:	INNOVATION CENTER
Issue Date:	7/26/2021
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	SDL-PA1-60-750-U-SL3
Description:	Springdale
	(1) 70 CRI, 5000K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7455.7 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G3

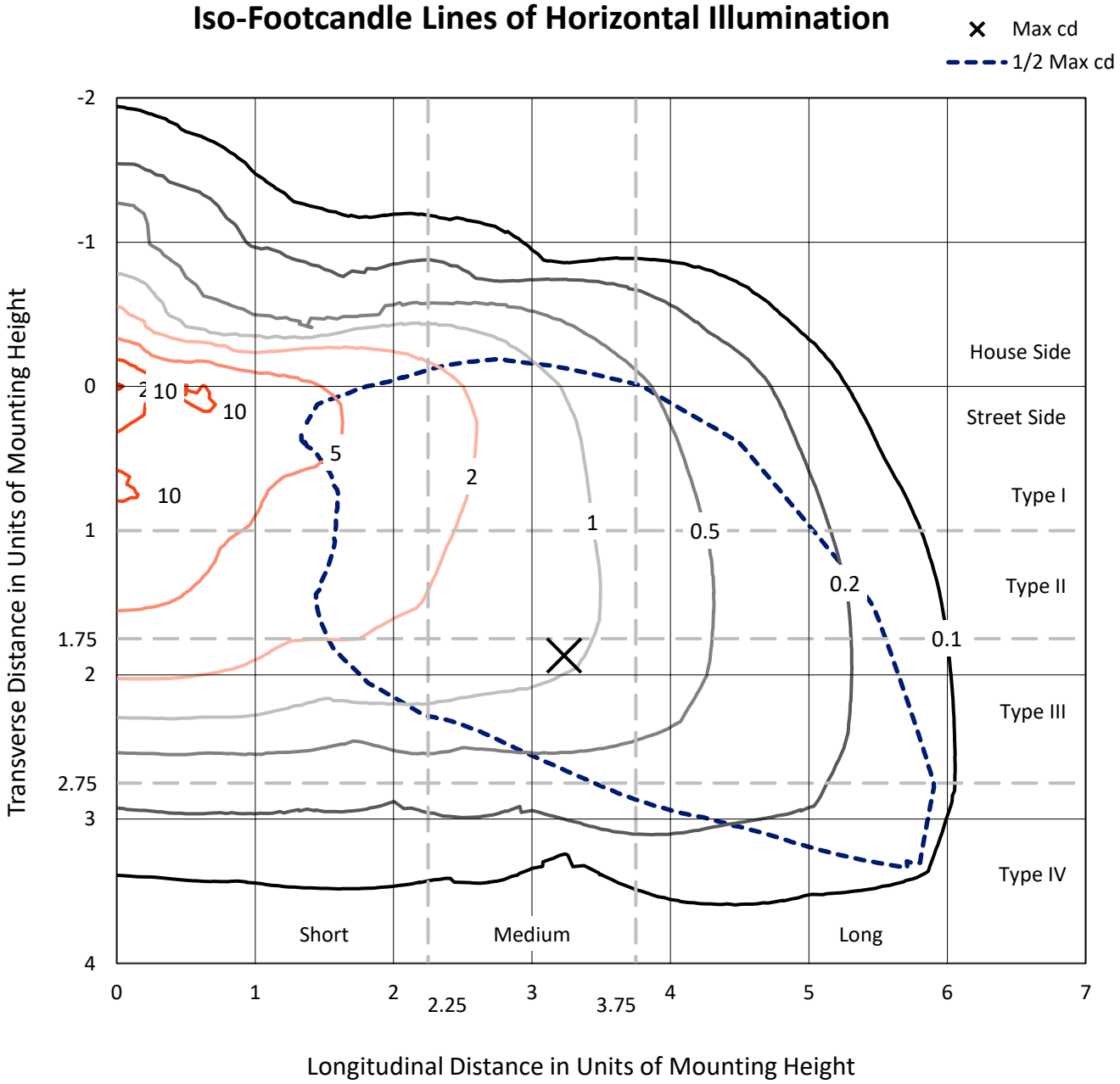
Input Watts (W):	62.4
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

REPORT NUMBER: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

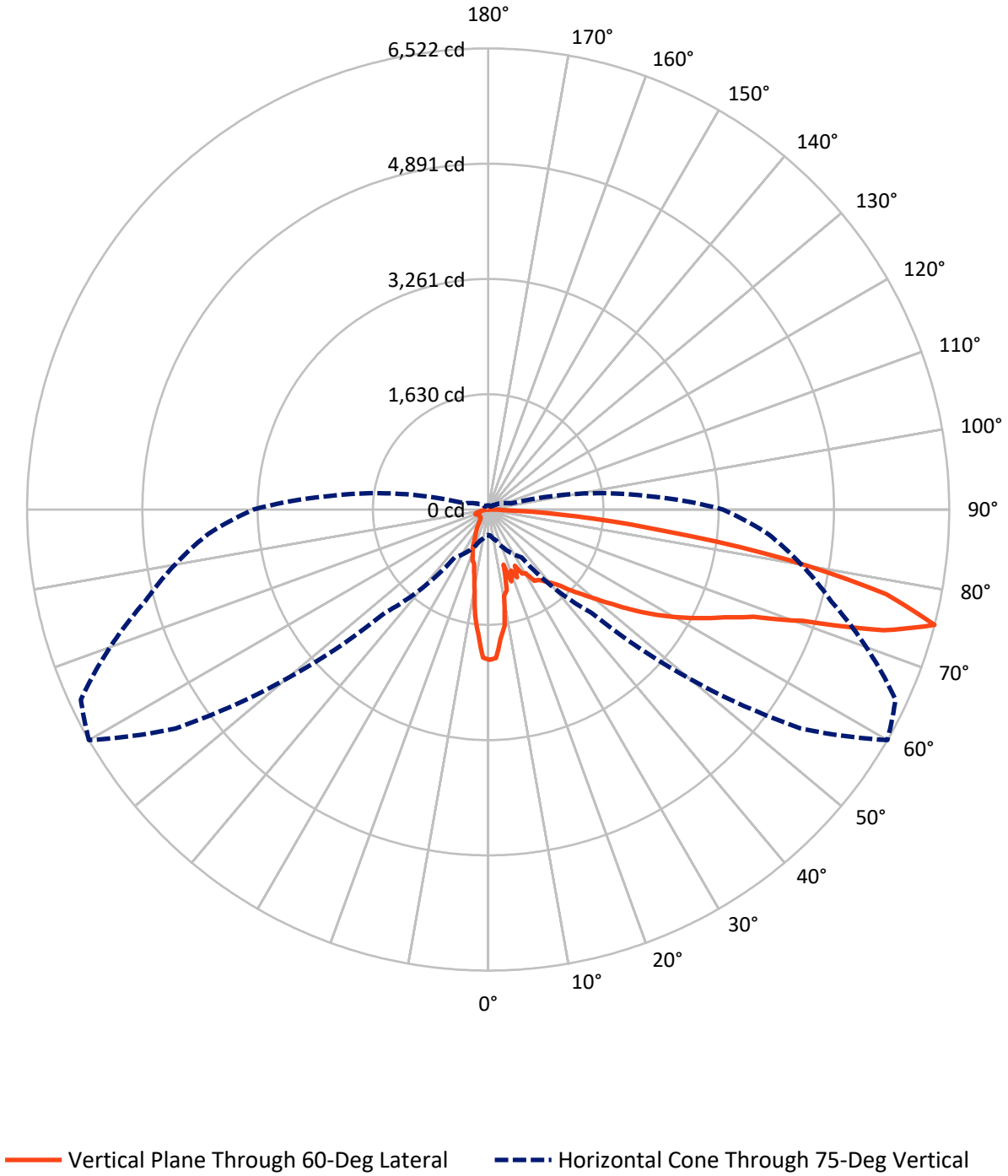
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 21.3 fc
Type III - Medium - N/A

REPORT NUMBER: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

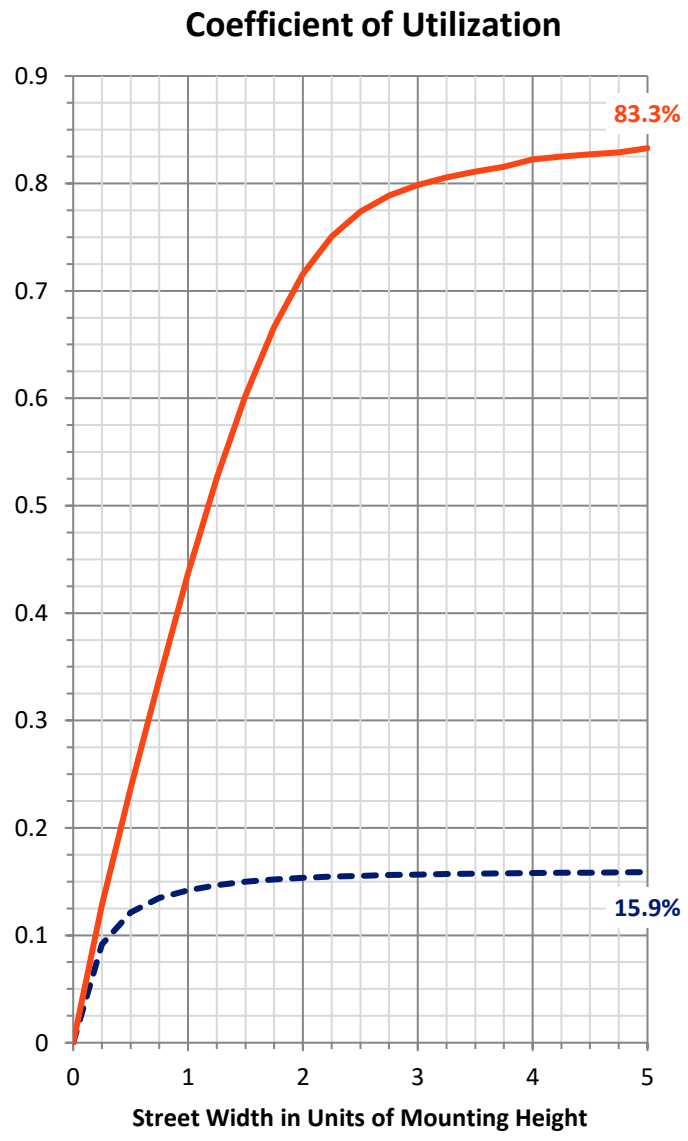
REPORT NUMBER: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1198.4	0.0	1198.4
	% Fixture	16.1	0.0	16.1
Street Side	Lumens	6257.3	0.0	6257.3
	% Fixture	83.9	0.0	83.9
Total	Lumens	7455.7	0.0	7455.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.1	2.1
10°-20°	279.9	3.8
20°-30°	366.7	4.9
30°-40°	605.0	8.1
40°-50°	944.9	12.7
50°-60°	1438.5	19.3
60°-70°	1782.3	23.9
70°-80°	1574.6	21.1
80°-90°	308.7	4.1
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°	7455.7	100.0
0°-180°	7455.7	100.0

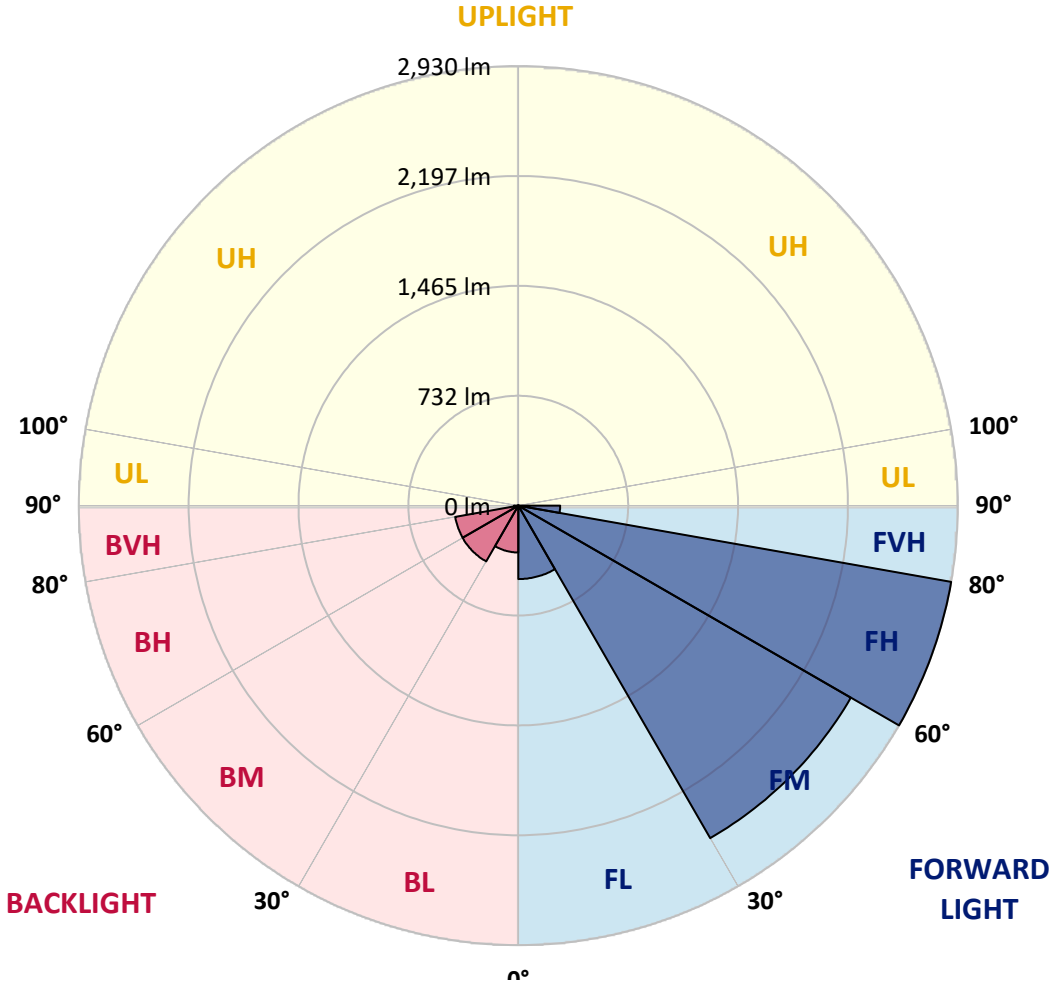


REPORT NUMBER: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	489.5	6.6			
FM	(30°-60°)	2559.0	34.3			
FH	(60°-80°)	2929.6	39.3			G2/5000
FVH	(80°-90°)	279.2	3.7			G3/500
BL	(0°-30°)	312.2	4.2	B1/500		
BM	(30°-60°)	429.4	5.8	B1/1000		
BH	(60°-80°)	427.4	5.7	B1/500		G1/500
BVH	(80°-90°)	29.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type III Medium



REPORT NUMBER: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7
2.5°	1766.3	1965.6	1919.2	1872.8	1943.7	2012.0	2033.8	2052.9	2063.9	2074.8	2085.7
5°	1640.7	1643.4	1646.2	1648.9	1657.1	1662.6	1673.5	1684.4	1695.3	1703.5	1714.4
7.5°	1266.7	1310.4	1381.4	1452.4	1496.0	1537.0	1561.5	1583.4	1599.8	1616.1	1632.5
10°	1408.7	1416.9	1419.6	1419.6	1433.2	1446.9	1343.2	1236.7	1288.6	1340.4	1283.1
12.5°	1105.6	1135.7	1225.8	1313.1	1340.4	1365.0	1315.9	1266.7	1190.3	1111.1	1105.6
15°	1269.4	1277.6	1280.4	1280.4	1195.7	1111.1	1053.8	993.7	1040.1	1083.8	982.8
17.5°	982.8	991.0	1062.0	1132.9	1146.6	1160.2	1100.2	1040.1	906.4	769.9	898.2
20°	1168.4	1173.9	1173.9	1173.9	1031.9	890.0	900.9	909.1	952.8	996.4	961.0
22.5°	941.8	941.8	941.8	941.8	985.5	1026.5	939.1	851.8	900.9	950.0	906.4
25°	1184.8	1193.0	1173.9	1152.1	1021.0	890.0	930.9	971.9	898.2	824.5	890.0
27.5°	1081.1	1072.9	1034.7	993.7	1012.8	1031.9	941.8	851.8	909.1	966.4	939.1
30°	1436.0	1411.4	1370.5	1329.5	1173.9	1018.3	993.7	969.1	920.0	868.1	925.5
32.5°	1908.3	1845.5	1654.4	1463.3	1367.7	1272.2	1149.3	1026.5	1015.6	1001.9	1018.3
35°	2033.8	1992.9	1913.7	1831.8	1668.0	1501.5	1345.9	1187.5	1135.7	1081.1	1092.0
37.5°	2058.4	2044.8	2028.4	2009.3	1842.7	1676.2	1506.9	1337.7	1283.1	1225.8	1184.8
40°	2077.5	2088.4	2118.5	2145.8	1979.2	1810.0	1657.1	1501.5	1444.2	1384.1	1313.1
42.5°	2164.9	2194.9	2233.1	2268.6	2115.7	1962.9	1829.1	1695.3	1621.6	1547.9	1482.4
45°	2366.9	2383.3	2424.2	2462.4	2317.8	2170.3	2017.5	1861.8	1799.1	1736.3	1670.7
47.5°	2661.7	2689.0	2686.3	2683.6	2522.5	2358.7	2186.7	2012.0	1971.0	1927.4	1864.6
50°	3033.0	3013.9	2962.0	2910.2	2735.4	2558.0	2356.0	2151.2	2132.1	2110.3	2058.4
52.5°	3218.6	3205.0	3134.0	3060.3	2882.9	2705.4	2487.0	2265.9	2290.5	2315.0	2265.9
55°	3229.6	3221.4	3169.5	3117.6	2945.7	2773.7	2579.8	2386.0	2446.1	2506.1	2487.0
57.5°	3150.4	3153.1	3136.7	3117.6	2964.8	2811.9	2650.8	2489.7	2593.5	2694.5	2713.6
60°	2948.4	2989.3	3016.6	3043.9	2948.4	2852.8	2713.6	2574.4	2732.7	2891.1	2942.9
62.5°	2574.4	2609.9	2708.1	2803.7	2822.8	2839.2	2746.4	2650.8	2863.8	3074.0	3158.6
65°	1995.6	2044.8	2192.2	2339.6	2492.5	2645.4	2667.2	2689.0	3049.4	3409.7	3480.7
67.5°	1244.9	1272.2	1427.8	1580.7	1889.1	2194.9	2369.6	2544.3	3166.8	3786.5	3898.4
70°	657.9	698.9	775.3	849.0	1113.8	1378.6	1733.5	2088.4	2989.3	3890.2	4348.9
72.5°	499.6	516.0	556.9	597.9	690.7	783.5	1007.4	1231.2	2339.6	3445.2	4501.7
75°	*360.4*	*374.0*	*417.7*	*458.6*	*551.5*	*641.5*	*734.4*	*824.5*	*1444.2*	*2063.9*	*3731.9*
77.5°	210.2	215.7	237.5	256.6	401.3	546.0	647.0	745.3	895.4	1042.9	2664.5
80°	144.7	147.4	155.6	163.8	226.6	289.4	483.2	677.0	745.3	810.8	1766.3
82.5°	95.5	109.2	114.7	120.1	142.0	163.8	283.9	401.3	589.7	775.3	1206.7
85°	49.1	54.6	65.5	73.7	84.6	92.8	128.3	161.1	488.7	813.5	868.1
87.5°	5.5	8.2	10.9	10.9	13.6	16.4	24.6	32.8	147.4	262.1	223.9
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: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2126.7	*2126.7*	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7
2.5°	2096.6	*2102.1*	2099.4	2104.8	2107.5	2110.3	2113.0	2113.0	2110.3	2104.8	2099.4
5°	1725.3	*1834.5*	2020.2	2039.3	2058.4	2063.9	2069.3	2072.1	2066.6	2058.4	2050.2
7.5°	1646.2	*1662.6*	1496.0	1629.8	1760.8	1771.8	1779.9	1774.5	1777.2	1703.5	1627.1
10°	1225.8	*1239.4*	1244.9	1285.8	1324.0	1414.1	1504.2	1490.6	1479.7	1348.6	1214.8
12.5°	1100.2	*1171.2*	1187.5	1119.3	1051.0	1143.9	1236.7	1225.8	1206.7	1086.5	966.4
15°	881.8	*808.1*	966.4	1113.8	1258.5	1345.9	1430.5	1405.9	1384.1	1231.2	1075.6
17.5°	1023.7	*1067.4*	1015.6	1037.4	1059.2	1124.8	1187.5	1149.3	1135.7	1029.2	920.0
20°	925.5	*922.7*	887.2	1015.6	1143.9	1272.2	1397.8	1359.5	1294.0	1086.5	876.3
22.5°	862.7	*1040.1*	1116.6	1100.2	1081.1	1031.9	980.1	947.3	898.2	851.8	802.6
25°	952.8	*879.1*	939.1	1135.7	1329.5	1365.0	1400.5	1318.6	1212.1	1001.9	791.7
27.5°	911.8	*1026.5*	1102.9	1234.0	1362.3	1485.1	1608.0	1498.8	1359.5	1097.5	832.6
30°	982.8	*1045.6*	1258.5	1504.2	1749.9	1793.6	1834.5	1684.4	1498.8	1234.0	969.1
32.5°	1034.7	*1201.2*	1389.6	1580.7	1769.0	1801.8	1834.5	1665.3	1452.4	1160.2	868.1
35°	1100.2	*1223.0*	1395.0	1618.9	1842.7	1850.9	1856.4	1659.8	1419.6	1089.3	756.2
37.5°	1143.9	*1283.1*	1468.7	1706.2	1943.7	1927.4	1908.3	1684.4	1408.7	1040.1	671.6
40°	1242.1	*1362.3*	1561.5	1804.5	2047.5	2020.2	1992.9	1736.3	1411.4	991.0	567.8
42.5°	1414.1	*1460.5*	1676.2	1935.6	2194.9	2164.9	2132.1	1826.4	1444.2	963.7	480.5
45°	1602.5	*1624.3*	1810.0	2104.8	2399.7	2361.4	2323.2	1965.6	1504.2	950.0	395.8
47.5°	1799.1	*1793.6*	1965.6	2323.2	2678.1	2596.2	2514.3	2129.4	1616.1	977.3	338.5
50°	2003.8	*1995.6*	2162.1	2547.1	2932.0	2844.6	2757.3	2325.9	1744.5	1026.5	305.8
52.5°	2214.0	*2233.1*	2356.0	2757.3	3155.9	3076.7	2994.8	2538.9	1870.0	1081.1	292.1
55°	2465.2	*2525.2*	2574.4	2975.7	3377.0	3297.8	3215.9	2757.3	2044.8	1165.7	286.6
57.5°	2730.0	*2809.2*	2831.0	3196.8	3562.6	3510.8	3456.2	2964.8	2222.2	1264.0	303.0
60°	2994.8	*3098.5*	3177.7	3472.5	3764.6	3704.6	3644.5	3175.0	2388.7	1373.2	357.6
62.5°	3240.5	*3385.2*	3513.5	3729.2	3942.1	3871.1	3800.1	3357.9	2577.1	1523.3	466.8
65°	3549.0	*3677.3*	3816.5	3958.5	4097.7	4029.5	3961.2	3587.2	2828.3	1711.7	592.4
67.5°	4010.3	*4048.6*	4119.5	4206.9	4291.5	4250.6	4206.9	3868.4	3046.7	1820.9	592.4
70°	4804.8	*4720.1*	4613.7	4610.9	4605.5	4540.0	4471.7	4026.7	3060.3	1777.2	494.1
72.5°	5555.5	*5844.9*	5506.4	5260.7	5015.0	4725.6	4433.5	3813.8	2702.7	1547.9	393.1
75°	*5397.2*	*6521.9*	*6358.1*	*5692.0*	*5025.9*	*4501.7*	*3977.6*	*3322.4*	*2224.9*	*1280.4*	*335.8*
77.5°	4283.3	*5754.8*	5910.4	5298.9	4684.6	3974.9	3262.3	2568.9	1542.4	911.8	281.2
80°	2719.1	*4302.5*	4329.8	3761.9	3191.3	2429.7	1668.0	1119.3	742.6	483.2	223.9
82.5°	1638.0	*2547.1*	2216.7	1588.8	961.0	666.1	368.5	354.9	273.0	202.0	131.0
85°	922.7	*1247.6*	895.4	586.9	278.5	199.3	117.4	125.6	120.1	98.3	73.7
87.5°	182.9	*215.7*	147.4	84.6	21.8	21.8	19.1	19.1	13.6	13.6	10.9
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: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7	2126.7
2.5°	2099.4	2099.4	2093.9	2088.4	2085.7	2083.0	2001.1	1919.2	1864.6	1807.2	1793.6
5°	1949.2	1848.2	1771.8	1695.3	1678.9	1662.6	1659.8	1657.1	1648.9	1638.0	1635.3
7.5°	1539.7	1449.6	1512.4	1572.5	1561.5	1547.9	1539.7	1528.8	1509.7	1490.6	1395.0
10°	1184.8	1154.8	1154.8	1152.1	1130.2	1108.4	1157.5	1206.7	1261.3	1315.9	1310.4
12.5°	1010.1	1051.0	944.6	835.4	895.4	952.8	1007.4	1059.2	1086.5	1113.8	1029.2
15°	952.8	827.2	791.7	756.2	783.5	810.8	731.6	649.7	712.5	775.3	789.0
17.5°	854.5	789.0	753.5	715.3	611.5	505.0	540.5	576.0	573.3	570.6	556.9
20°	797.2	715.3	652.5	586.9	537.8	488.7	436.8	382.2	357.6	330.3	395.8
22.5°	758.9	715.3	584.2	453.2	415.0	376.7	335.8	292.1	308.5	322.1	333.1
25°	663.4	532.3	458.6	384.9	324.9	262.1	264.8	267.5	253.9	240.2	303.0
27.5°	671.6	507.8	393.1	278.5	256.6	232.0	218.4	202.0	223.9	243.0	248.4
30°	704.3	439.5	333.1	226.6	202.0	177.4	185.6	191.1	191.1	191.1	218.4
32.5°	625.2	382.2	283.9	182.9	169.3	152.9	155.6	155.6	169.3	182.9	196.6
35°	529.6	300.3	232.0	161.1	147.4	133.8	139.2	144.7	158.3	172.0	191.1
37.5°	455.9	237.5	191.1	144.7	136.5	128.3	131.0	133.8	147.4	158.3	174.7
40°	384.9	199.3	169.3	139.2	131.0	122.8	125.6	125.6	136.5	147.4	158.3
42.5°	333.1	182.9	161.1	136.5	128.3	117.4	120.1	120.1	128.3	136.5	144.7
45°	286.6	174.7	155.6	133.8	125.6	114.7	114.7	111.9	120.1	125.6	131.0
47.5°	256.6	172.0	152.9	133.8	122.8	109.2	106.5	103.7	111.9	117.4	125.6
50°	240.2	172.0	152.9	131.0	117.4	103.7	101.0	98.3	109.2	117.4	131.0
52.5°	234.8	174.7	152.9	131.0	114.7	98.3	98.3	98.3	117.4	136.5	142.0
55°	234.8	180.2	155.6	128.3	111.9	95.5	101.0	106.5	111.9	117.4	117.4
57.5°	240.2	177.4	150.1	122.8	111.9	98.3	95.5	92.8	95.5	98.3	98.3
60°	264.8	172.0	144.7	117.4	103.7	90.1	87.4	84.6	90.1	92.8	92.8
62.5°	319.4	169.3	144.7	117.4	101.0	84.6	84.6	81.9	84.6	87.4	90.1
65°	390.4	188.4	152.9	117.4	101.0	84.6	79.2	73.7	79.2	81.9	81.9
67.5°	406.8	221.1	177.4	131.0	106.5	81.9	76.4	71.0	76.4	79.2	79.2
70°	368.5	243.0	191.1	139.2	111.9	81.9	76.4	68.2	71.0	73.7	71.0
72.5°	316.7	237.5	188.4	136.5	109.2	79.2	73.7	65.5	68.2	68.2	65.5
75°	*270.3*	*204.7*	*161.1*	*114.7*	*92.8*	*68.2*	*62.8*	*57.3*	*60.1*	*60.1*	*60.1*
77.5°	226.6	169.3	131.0	90.1	73.7	54.6	51.9	49.1	51.9	54.6	51.9
80°	177.4	128.3	98.3	65.5	54.6	40.9	43.7	43.7	46.4	46.4	46.4
82.5°	103.7	76.4	62.8	46.4	38.2	30.0	32.8	35.5	38.2	38.2	38.2
85°	62.8	49.1	40.9	32.8	27.3	19.1	24.6	27.3	27.3	27.3	24.6
87.5°	10.9	10.9	10.9	10.9	8.2	5.5	10.9	13.6	13.6	13.6	10.9
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: P560753
CATALOG NUMBER: SDL-PA1-60-750-U-SL3

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	2126.7	2126.7	2126.7	2126.7
2.5°	1777.2	1777.2	1774.5	1774.5
5°	1632.5	1627.1	1621.6	1627.1
7.5°	1299.5	1261.3	1223.0	1234.0
10°	1302.2	1299.5	1296.7	1294.0
12.5°	941.8	911.8	881.8	862.7
15°	799.9	791.7	780.8	780.8
17.5°	540.5	516.0	491.4	475.0
20°	461.4	475.0	485.9	491.4
22.5°	344.0	354.9	365.8	371.3
25°	363.1	390.4	415.0	417.7
27.5°	251.2	264.8	275.7	270.3
30°	245.7	253.9	262.1	262.1
32.5°	210.2	232.0	253.9	256.6
35°	210.2	221.1	232.0	234.8
37.5°	188.4	196.6	202.0	204.7
40°	169.3	174.7	177.4	177.4
42.5°	150.1	163.8	174.7	174.7
45°	133.8	169.3	204.7	215.7
47.5°	131.0	182.9	234.8	245.7
50°	142.0	191.1	237.5	243.0
52.5°	144.7	172.0	196.6	196.6
55°	114.7	128.3	139.2	136.5
57.5°	98.3	109.2	117.4	117.4
60°	92.8	106.5	117.4	120.1
62.5°	90.1	95.5	101.0	106.5
65°	81.9	81.9	81.9	81.9
67.5°	76.4	76.4	73.7	73.7
70°	68.2	68.2	68.2	68.2
72.5°	62.8	62.8	62.8	60.1
75°	*57.3*	*57.3*	*54.6*	*54.6*
77.5°	49.1	49.1	49.1	49.1
80°	43.7	43.7	40.9	40.9
82.5°	35.5	35.5	32.8	30.0
85°	21.8	21.8	19.1	16.4
87.5°	8.2	8.2	5.5	2.7
90°	0.0	0.0	0.0	0.0

Report Generated By 670245982

HS SS

0

(END OF REPORT)