

Classified
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: LUMARK

Report Number: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF65-XX-PC-35W-7030**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-09-29)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 10/4/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LSF65-XX-PC-35W-7030
Description: Flood light with selectable wattage and CCT
Light Source: (1) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

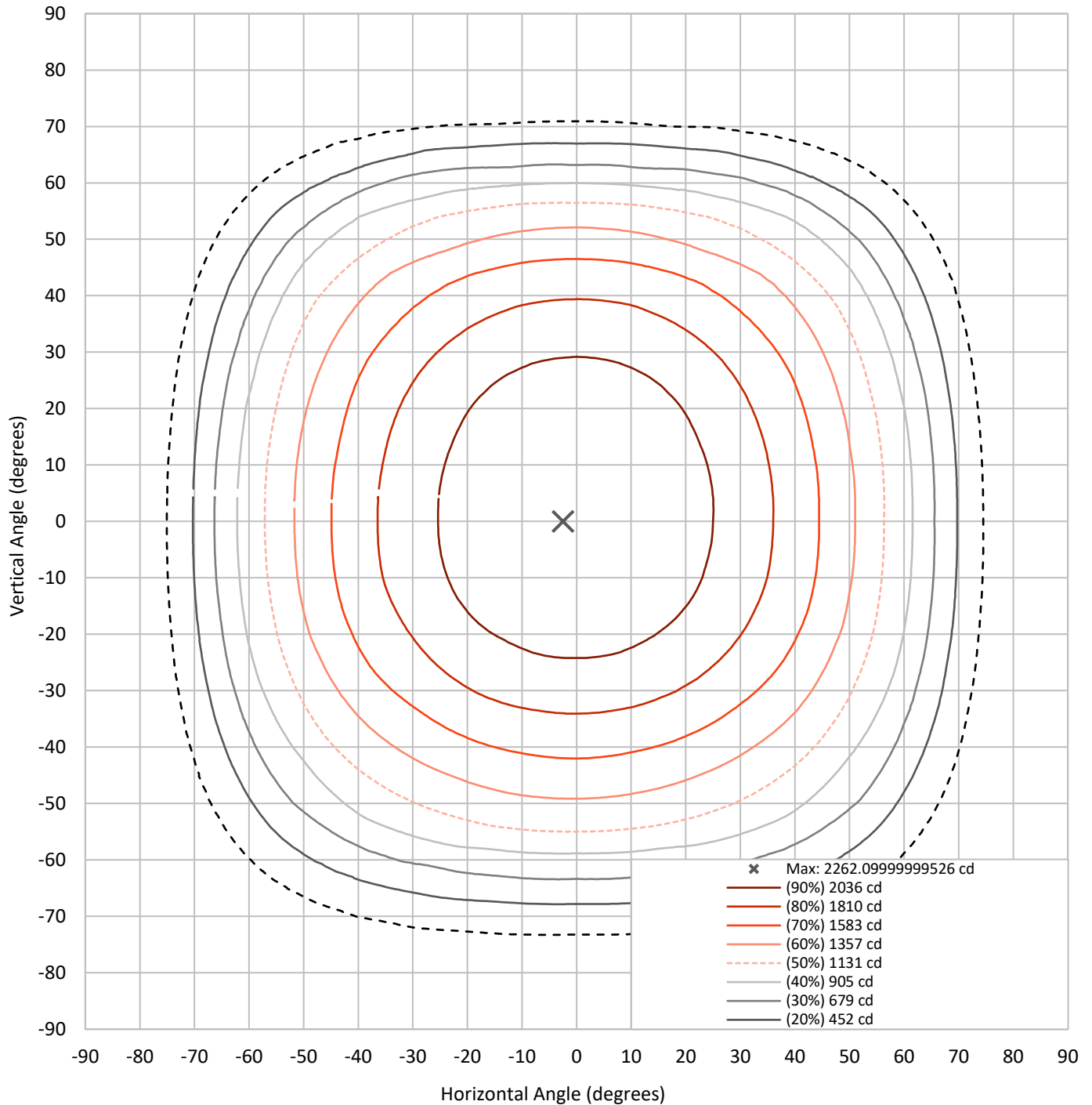
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6125.7 lumens	Max Intensity:	2262.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	165.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.12m x L: 0.2m x H: 0m)		
Beam Angle (50%):	113.4°H x 111.6°V	Field Angle (10%):	149.5°H x 144.2°V
Beam Lumens:	4914.4 lumens	Field Lumens:	6035 lumens
Beam Efficiency:	80.2%	Field Efficiency:	98.5%
Input Watts (W):	37		
Input Voltage (V):	120		
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:	25 FT		



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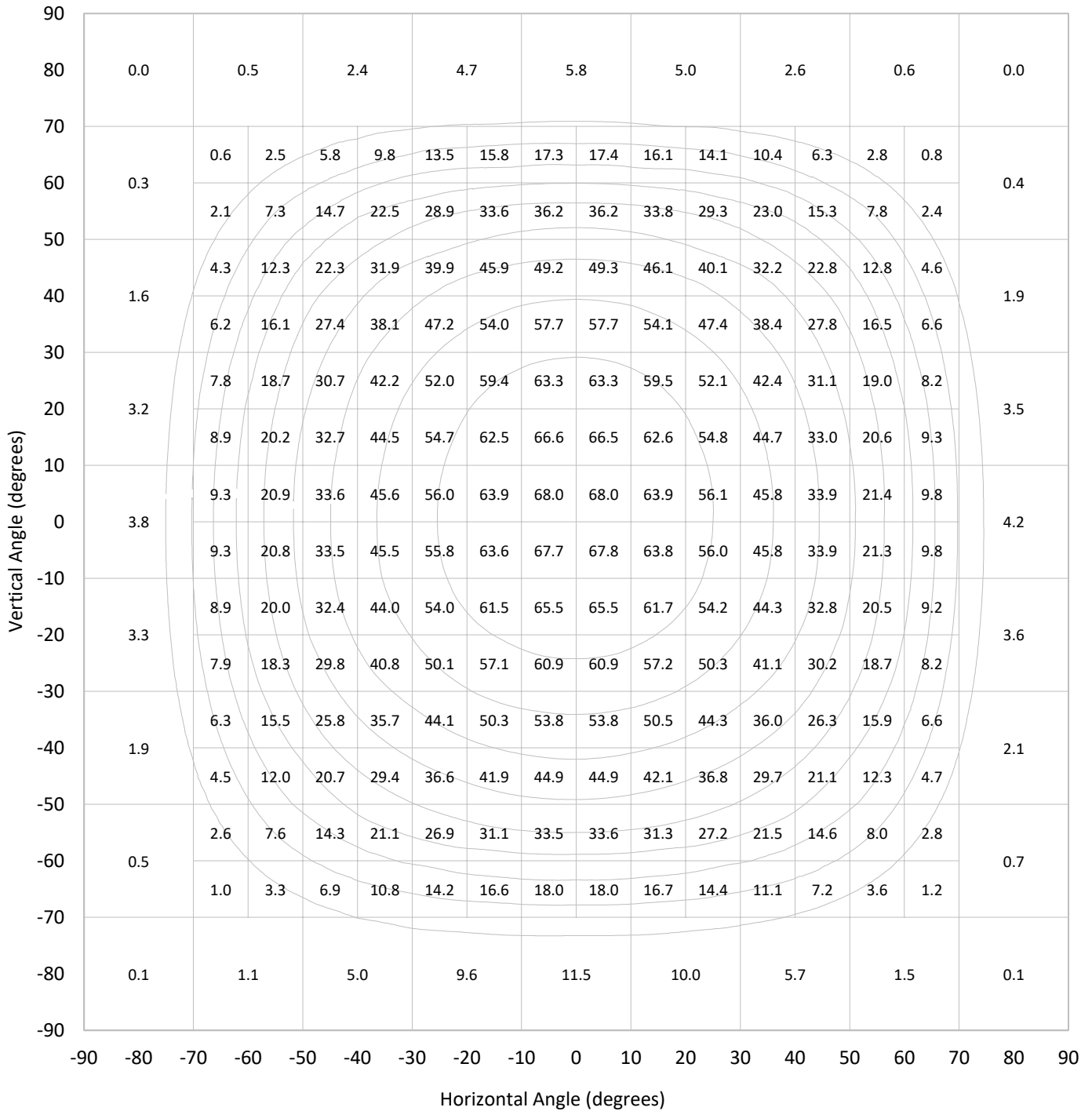
Iso-Candela Plot





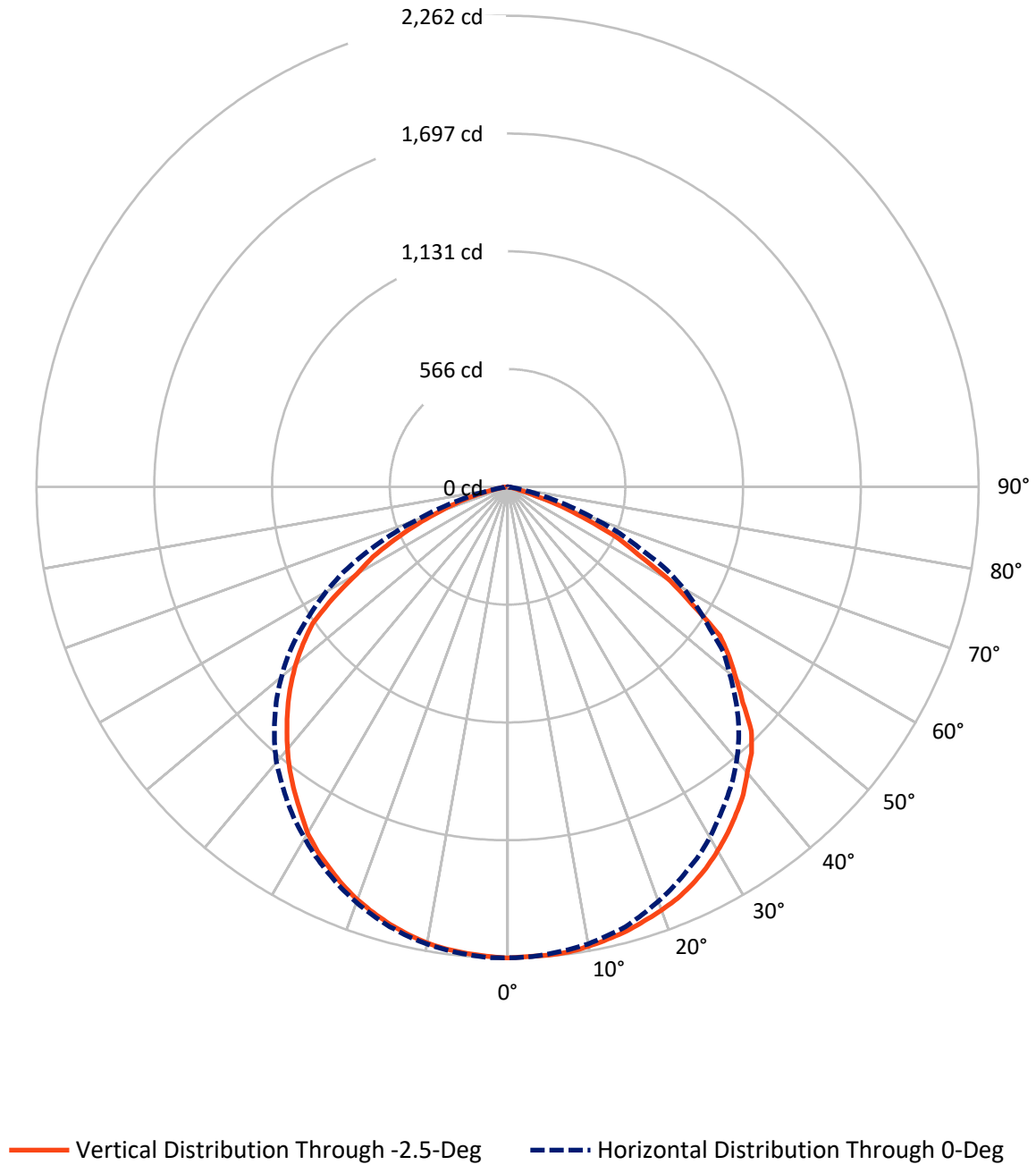
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Lumen Table



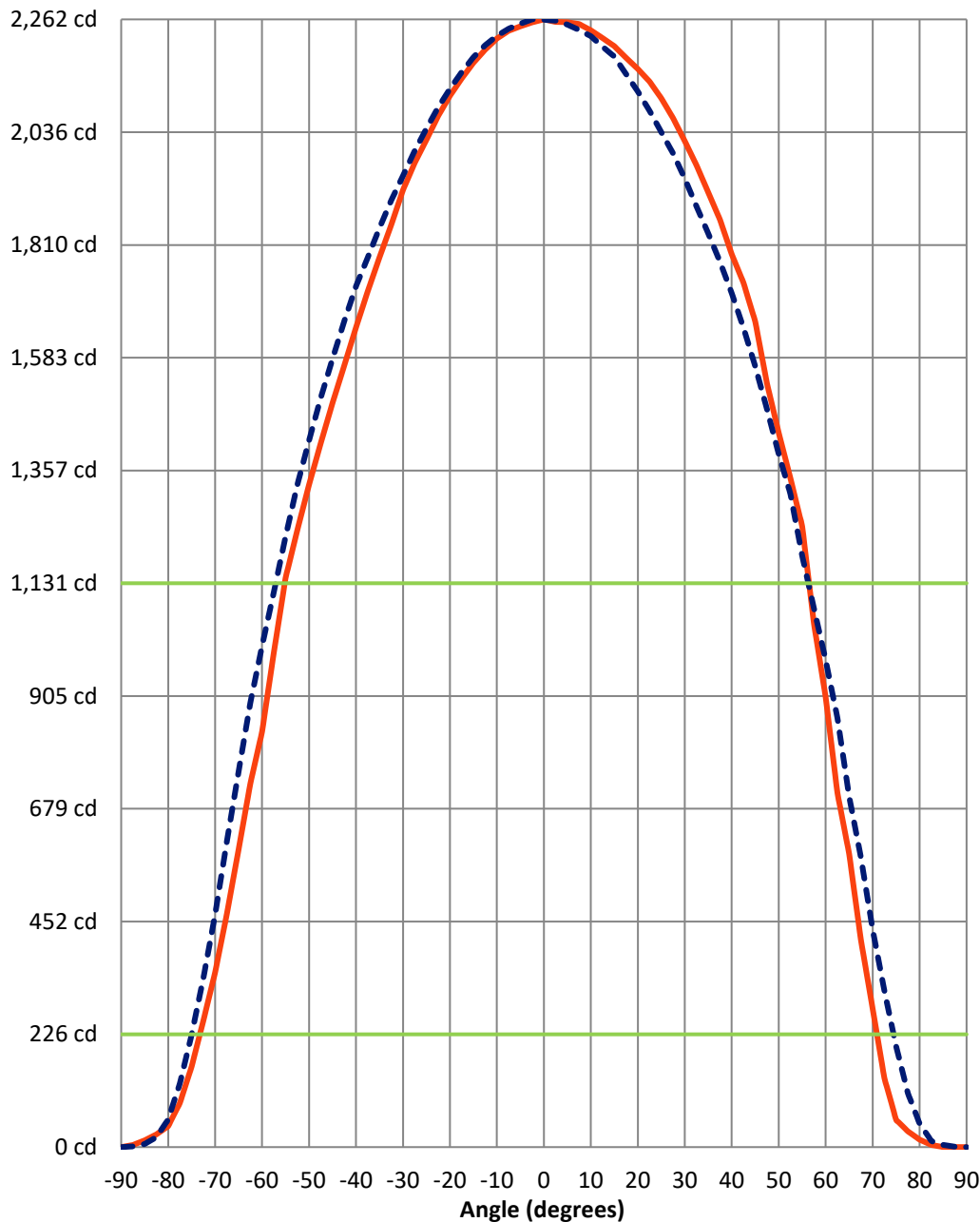
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 113.4°
 V Angle: 111.6°
 Lumens: 4914.4
 Efficiency: 80.2%

Field:
 H Angle: 149.5°
 V Angle: 144.2°
 Lumens: 6035
 Efficiency: 98.5%

Spill:
 Lumens: 90.7
 Efficiency: 1.5%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7
80°	0.0	0.3	0.5	0.6	0.6	0.6	0.6	0.7	1.3	1.6	2.1
77.5°	0.0	0.3	0.6	0.7	0.7	0.8	1.2	2.1	2.8	3.7	4.7
75°	0.0	0.4	0.6	0.7	0.9	1.4	2.6	3.6	4.7	5.9	7.5
72.5°	0.0	0.5	0.7	0.9	1.1	2.5	3.9	5.2	6.6	9.0	11.7
70°	0.0	0.5	0.8	1.1	1.9	3.6	5.3	6.8	9.9	13.4	19.0
67.5°	0.0	0.6	0.8	1.2	2.7	4.7	6.7	9.8	13.9	21.7	32.8
65°	0.0	0.7	0.9	1.6	3.6	6.0	8.9	13.3	21.4	35.5	50.5
62.5°	0.0	0.7	1.0	2.2	4.6	7.5	11.8	17.1	34.2	51.4	70.8
60°	0.0	0.7	1.2	2.7	5.5	9.4	14.9	28.8	48.2	67.6	100.1
57.5°	0.0	0.7	1.3	3.3	6.8	11.8	18.1	40.8	62.1	92.7	136.2
55°	0.0	0.8	1.4	4.0	8.2	14.3	27.6	52.3	79.7	124.1	171.6
52.5°	0.0	0.8	1.6	4.7	9.6	16.8	36.9	63.9	102.1	156.0	215.0
50°	0.0	0.8	1.9	5.3	11.4	19.2	46.3	77.2	130.4	188.9	254.5
47.5°	0.0	0.8	2.2	6.1	13.2	26.1	55.4	95.3	158.2	223.5	295.6
45°	0.0	0.9	2.5	7.1	15.0	32.8	65.1	115.2	183.9	256.6	341.8
42.5°	0.0	0.9	2.8	8.1	16.7	39.4	74.5	136.5	210.1	290.3	387.8
40°	0.0	0.9	3.1	9.1	18.4	46.1	88.2	156.7	235.5	324.5	419.4
37.5°	0.0	0.9	3.3	10.0	20.0	52.5	101.1	175.8	260.4	361.7	458.6
35°	0.0	1.0	3.6	11.1	23.4	59.2	115.3	194.7	284.7	391.7	497.4
32.5°	0.0	1.0	4.0	12.2	27.3	65.9	129.6	213.3	307.8	414.5	533.8
30°	0.0	1.1	4.3	13.2	30.9	72.4	143.0	230.9	331.9	441.8	567.8
27.5°	0.0	1.1	4.6	14.1	34.3	79.1	155.3	247.8	356.8	469.0	599.3
25°	0.0	1.2	4.8	15.0	37.5	86.7	166.5	263.5	378.6	494.5	621.7
22.5°	0.0	1.2	5.1	15.8	40.8	93.7	176.6	277.6	394.0	518.0	642.5
20°	0.0	1.2	5.3	16.5	43.8	100.1	186.1	289.8	408.1	539.1	665.7
17.5°	0.0	1.3	5.5	17.2	46.5	105.7	195.3	300.4	421.2	558.0	685.5
15°	0.0	1.3	5.7	17.8	48.8	111.1	203.4	309.3	434.4	574.5	703.1
12.5°	0.0	1.3	5.9	18.4	50.8	116.1	210.2	317.7	445.2	588.4	720.1
10°	0.0	1.3	6.0	18.8	52.5	120.3	215.8	326.0	453.9	598.1	733.7
7.5°	0.0	1.4	6.1	19.2	53.8	123.6	220.2	332.3	460.3	605.1	743.8
5°	0.0	1.4	6.2	19.5	54.8	126.0	223.3	336.6	464.5	610.0	750.4
2.5°	0.0	1.4	6.3	19.7	55.4	127.4	225.1	338.9	466.6	612.7	753.6
0°	0.0	1.4	6.3	19.9	55.6	128.0	225.7	339.2	466.7	613.2	753.3
-2.5°	0.0	1.4	6.4	20.1	56.0	128.5	225.7	339.4	467.0	612.7	753.5
-5°	0.0	1.4	6.4	20.2	56.1	128.1	224.4	337.7	465.3	610.0	750.3
-7.5°	0.0	1.4	6.5	20.2	55.8	126.9	222.0	334.1	461.6	604.9	743.7
-10°	0.0	1.4	6.5	20.1	55.1	124.8	218.4	328.6	455.7	597.6	733.7
-12.5°	0.0	1.4	6.4	19.9	54.0	121.8	213.6	321.4	447.6	587.5	720.4
-15°	0.0	1.4	6.3	19.6	52.6	118.0	207.7	313.9	437.4	573.8	703.8
-17.5°	0.0	1.4	6.2	19.2	50.8	113.8	200.8	305.8	425.0	557.8	686.6
-20°	0.0	1.4	6.1	18.7	48.6	109.1	192.9	296.2	411.9	539.5	667.3

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Scaled Data Report



REPORT NUMBER: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	5.9	18.2	46.0	103.7	184.8	284.9	397.5	519.5	644.6
-25°	0.0	1.3	5.7	17.6	43.1	97.5	176.2	271.3	381.5	497.7	622.0
-27.5°	0.0	1.3	5.5	16.9	40.3	90.5	166.8	255.7	361.9	474.1	597.2
-30°	0.0	1.3	5.2	16.2	37.4	84.1	156.4	238.6	340.4	448.2	567.2
-32.5°	0.0	1.2	4.8	15.3	34.1	77.7	145.2	222.9	318.8	421.6	535.3
-35°	0.0	1.2	4.5	14.5	30.5	70.8	133.2	207.1	297.1	397.0	502.6
-37.5°	0.0	1.1	4.1	13.5	27.3	63.9	120.7	191.2	273.1	369.1	466.4
-40°	0.0	1.1	3.9	12.5	25.4	57.5	108.0	175.2	247.1	338.5	429.1
-42.5°	0.0	1.1	3.7	11.4	23.3	50.8	94.5	158.4	224.4	306.4	396.1
-45°	0.0	1.1	3.4	10.2	21.0	44.2	83.8	140.8	203.2	272.9	355.9
-47.5°	0.0	1.0	3.1	9.0	19.3	37.8	72.6	122.7	182.2	238.9	314.2
-50°	0.0	1.0	2.9	8.1	17.5	31.0	62.7	103.9	159.5	212.7	274.2
-52.5°	0.0	1.0	2.5	7.1	15.7	27.3	52.7	88.4	135.9	186.1	235.9
-55°	0.0	1.0	2.3	6.1	13.9	23.4	43.3	74.0	111.8	158.9	205.4
-57.5°	0.0	0.9	2.2	5.1	12.0	20.4	33.7	61.1	90.7	130.8	174.3
-60°	0.0	0.9	2.0	4.5	10.0	17.9	28.1	48.2	72.8	102.2	142.4
-62.5°	0.0	0.8	1.8	3.9	8.3	15.3	22.8	35.7	57.1	80.3	109.8
-65°	0.0	0.8	1.5	3.3	6.6	12.6	19.6	28.1	42.6	61.9	83.0
-67.5°	0.0	0.7	1.4	2.8	5.2	10.0	16.3	22.4	31.4	45.4	62.1
-70°	0.0	0.7	1.3	2.4	4.3	7.5	12.9	18.2	23.6	32.2	44.2
-72.5°	0.0	0.6	1.2	2.0	3.4	5.6	9.5	14.1	18.3	23.4	30.4
-75°	0.0	0.5	1.0	1.6	2.8	4.3	6.5	10.1	13.9	17.4	21.4
-77.5°	0.0	0.4	0.9	1.4	2.1	3.3	4.8	6.7	9.4	12.6	15.5
-80°	0.0	0.3	0.7	1.2	1.7	2.4	3.5	4.6	6.2	8.1	10.4
-82.5°	0.0	0.3	0.6	0.9	1.3	1.8	2.3	3.1	4.0	4.9	6.2
-85°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.5
-87.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.6
-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: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
82.5°	0.8	0.7	0.8	1.3	1.6	1.7	1.8	2.0	2.4	2.9	3.3
80°	2.7	3.5	4.1	4.7	5.2	5.7	6.2	6.7	7.8	8.7	9.4
77.5°	5.6	6.8	7.7	8.8	10.5	12.1	14.1	15.8	17.6	19.3	20.8
75°	9.1	11.3	13.6	16.7	19.9	24.7	28.1	34.4	40.3	44.4	46.5
72.5°	14.6	19.3	25.4	33.4	41.8	50.6	59.8	67.6	72.7	79.0	83.3
70°	26.2	37.0	47.4	59.8	73.2	87.6	101.6	117.3	131.8	146.9	168.7
67.5°	45.7	58.3	76.5	98.3	118.4	141.3	165.8	196.0	219.0	234.9	269.6
65°	67.5	91.3	119.8	144.5	182.5	216.7	245.7	282.7	328.6	353.5	376.2
62.5°	99.9	133.1	170.4	214.9	252.7	294.7	351.1	388.2	414.1	455.2	498.6
60°	138.9	182.3	233.0	279.2	340.9	395.3	436.6	483.8	535.5	587.6	638.0
57.5°	182.2	237.3	291.9	369.6	428.2	480.3	538.4	596.7	656.4	725.2	789.1
55°	231.4	290.3	372.9	448.0	511.9	576.0	639.1	705.4	795.3	867.2	903.1
52.5°	277.4	358.4	438.4	522.3	597.7	664.7	741.7	834.4	901.4	952.6	995.8
50°	330.0	417.1	505.2	594.5	675.2	758.1	855.5	923.0	977.8	1029.0	1076.6
47.5°	388.0	474.4	569.8	658.6	752.6	859.4	931.7	991.2	1046.0	1103.0	1156.6
45°	430.6	531.7	629.0	720.9	840.9	929.2	993.6	1052.2	1120.8	1181.8	1247.5
42.5°	480.7	586.5	681.6	802.5	903.0	984.6	1048.2	1126.7	1193.6	1260.8	1328.3
40°	528.5	632.7	742.3	862.3	955.0	1030.7	1118.6	1193.7	1259.4	1328.2	1387.9
37.5°	573.8	676.7	805.4	908.0	998.6	1083.9	1178.7	1248.4	1316.8	1381.6	1438.9
35°	613.3	726.7	850.2	955.8	1039.1	1136.6	1221.7	1294.6	1366.1	1429.2	1492.1
32.5°	643.1	779.5	887.2	991.0	1083.8	1176.3	1261.9	1339.7	1409.0	1479.9	1537.1
30°	681.4	813.9	928.9	1025.5	1121.2	1215.8	1302.4	1378.0	1453.7	1521.0	1580.6
27.5°	719.2	843.2	961.7	1058.1	1151.2	1253.0	1338.0	1414.4	1490.9	1555.9	1619.4
25°	756.3	872.6	988.2	1085.0	1183.3	1286.1	1368.7	1447.1	1518.4	1588.0	1652.3
22.5°	785.5	905.5	1014.9	1105.7	1216.9	1314.2	1397.1	1473.3	1545.7	1616.0	1677.2
20°	808.3	934.6	1036.9	1129.1	1247.1	1338.2	1420.3	1495.8	1568.6	1638.6	1702.2
17.5°	828.7	953.0	1055.6	1151.8	1269.5	1359.2	1437.1	1515.6	1589.5	1659.1	1724.4
15°	845.3	969.1	1071.5	1174.9	1288.9	1376.8	1454.0	1531.8	1605.9	1677.6	1742.9
12.5°	859.2	982.4	1085.1	1193.0	1303.5	1390.5	1469.8	1547.7	1621.0	1693.4	1755.6
10°	870.8	992.6	1096.5	1207.0	1314.9	1400.8	1483.4	1561.3	1635.8	1707.7	1767.4
7.5°	880.9	999.9	1104.9	1217.2	1323.0	1409.0	1493.5	1571.8	1646.6	1717.5	1776.7
5°	887.7	1004.5	1110.4	1223.5	1327.7	1414.8	1499.9	1578.5	1653.6	1723.9	1782.6
2.5°	891.1	1006.3	1113.3	1225.9	1329.4	1417.8	1503.2	1581.6	1656.9	1727.1	1785.2
0°	891.3	1005.4	1113.3	1224.5	1328.2	1417.5	1503.2	1581.3	1656.8	1726.8	1784.6
-2.5°	890.5	1004.8	1112.6	1223.6	1327.5	1417.0	1502.5	1580.9	1656.6	1726.6	1785.0
-5°	886.5	1001.6	1109.0	1218.9	1324.1	1413.2	1498.5	1577.2	1652.8	1722.9	1782.2
-7.5°	879.6	995.7	1102.7	1210.6	1317.9	1406.4	1491.3	1570.0	1645.6	1715.8	1776.6
-10°	869.7	987.2	1093.4	1198.9	1308.3	1396.9	1480.5	1559.1	1634.8	1705.4	1768.1
-12.5°	858.1	975.9	1080.5	1183.8	1295.1	1384.5	1466.2	1544.9	1620.4	1691.0	1753.8
-15°	844.3	961.7	1064.8	1166.5	1278.8	1365.9	1449.6	1528.0	1600.7	1668.7	1729.7
-17.5°	827.9	944.5	1046.5	1145.7	1254.8	1344.0	1430.3	1505.3	1575.2	1641.3	1702.5
-20°	807.5	925.0	1025.2	1123.3	1227.7	1320.4	1403.9	1477.1	1546.5	1612.4	1672.2



REPORT NUMBER: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	784.7	898.8	1001.3	1098.7	1195.3	1289.3	1368.9	1444.4	1516.4	1580.8	1636.8
-25°	756.0	870.2	974.5	1068.0	1160.4	1253.2	1328.8	1409.7	1480.8	1544.4	1602.3
-27.5°	720.3	841.4	942.1	1032.4	1123.9	1213.4	1291.6	1366.4	1438.4	1506.2	1561.8
-30°	683.7	807.9	905.7	992.7	1085.1	1172.3	1250.2	1317.0	1392.9	1458.6	1513.6
-32.5°	645.3	771.2	864.3	951.9	1039.5	1127.4	1205.6	1271.5	1336.6	1405.8	1461.3
-35°	610.9	721.6	823.9	910.3	988.0	1078.3	1159.0	1224.5	1283.3	1345.7	1404.1
-37.5°	571.2	674.3	781.1	862.6	939.1	1019.5	1105.6	1176.0	1232.0	1286.3	1342.2
-40°	529.1	628.9	727.8	815.9	889.8	958.7	1041.5	1117.4	1178.1	1229.8	1279.2
-42.5°	487.3	581.0	674.9	766.0	837.5	903.3	972.3	1051.4	1115.7	1170.6	1217.9
-45°	442.2	530.4	621.5	705.7	784.1	848.6	913.7	979.1	1047.9	1102.7	1152.8
-47.5°	400.5	482.0	562.7	650.1	723.5	791.3	853.9	914.9	974.7	1033.8	1080.3
-50°	348.6	431.6	507.9	584.4	663.4	722.2	787.6	848.4	905.2	959.5	1010.4
-52.5°	299.3	377.2	452.8	521.1	587.1	647.2	705.9	772.5	829.2	883.9	929.2
-55°	254.5	314.2	394.3	462.5	515.5	568.9	618.8	671.5	745.5	793.9	836.0
-57.5°	217.0	263.3	318.2	394.3	450.2	496.0	539.4	581.4	621.1	681.0	735.9
-60°	182.1	220.7	262.1	309.3	368.6	423.5	466.4	502.3	536.6	566.3	606.7
-62.5°	146.3	182.2	216.8	250.9	288.4	330.6	379.3	428.0	458.4	484.5	510.7
-65°	109.9	142.5	174.6	201.4	231.5	261.5	291.0	323.6	359.5	402.4	424.8
-67.5°	80.0	102.3	130.6	155.4	177.9	200.9	231.5	253.8	274.2	292.3	322.2
-70°	58.2	72.4	89.9	109.4	130.1	148.9	165.7	180.4	208.2	230.5	242.4
-72.5°	39.5	51.2	61.8	71.5	85.3	99.9	115.4	129.3	141.7	154.4	167.8
-75°	26.4	33.6	40.3	47.9	55.1	62.3	69.5	80.1	89.1	97.8	105.1
-77.5°	18.1	21.4	25.3	29.1	33.6	37.5	42.6	47.3	51.3	55.3	59.0
-80°	12.8	15.0	16.7	18.4	20.2	22.5	24.5	26.2	28.8	31.0	32.7
-82.5°	7.7	9.4	10.8	12.0	13.3	14.5	15.6	16.7	17.6	18.5	19.3
-85°	4.2	4.9	5.4	6.0	6.6	7.4	8.2	8.9	9.6	10.1	10.7
-87.5°	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.6	3.7
-90°	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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CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
82.5°	3.6	4.0	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.4	4.5
80°	10.2	11.0	11.7	12.3	12.9	13.5	14.0	14.3	14.5	14.8	15.0
77.5°	23.3	25.1	25.5	26.4	27.5	28.4	29.2	29.8	30.3	30.9	31.4
75°	47.2	46.4	44.2	44.9	48.3	52.5	58.1	64.3	68.5	68.4	66.3
72.5°	87.5	93.6	100.9	114.6	125.9	130.3	129.0	124.9	118.1	121.0	129.4
70°	183.3	192.1	205.1	219.4	231.6	238.1	242.5	245.3	249.2	255.7	263.9
67.5°	293.0	307.5	326.3	349.2	356.5	357.1	362.1	381.3	394.6	406.8	414.1
65°	401.9	419.3	457.2	503.6	520.7	534.8	545.7	553.6	558.2	564.8	575.0
62.5°	546.6	583.9	617.2	645.5	666.2	680.2	685.6	684.7	680.7	680.8	692.3
60°	685.8	731.3	761.5	778.2	784.1	801.0	832.6	857.6	870.7	875.6	885.7
57.5°	831.1	850.7	862.5	893.1	941.6	979.1	992.4	993.0	1001.3	1020.4	1039.8
55°	925.3	966.8	1020.0	1065.4	1098.7	1115.2	1139.0	1166.8	1189.4	1210.4	1221.7
52.5°	1040.1	1084.2	1123.7	1159.2	1189.1	1216.9	1242.3	1266.2	1288.3	1306.6	1320.3
50°	1123.4	1170.9	1215.0	1250.4	1274.1	1300.3	1329.8	1355.8	1377.9	1394.3	1407.8
47.5°	1215.2	1270.5	1307.1	1335.6	1361.2	1392.2	1429.1	1458.2	1476.4	1488.8	1502.5
45°	1315.5	1354.5	1386.3	1419.4	1463.3	1509.1	1537.0	1558.2	1580.6	1604.6	1626.2
42.5°	1385.1	1424.0	1462.1	1509.6	1553.2	1586.7	1614.8	1642.2	1666.7	1688.2	1706.9
40°	1439.1	1485.7	1534.4	1577.8	1613.2	1646.0	1672.8	1704.7	1731.4	1750.5	1765.4
37.5°	1494.2	1546.2	1591.8	1629.5	1664.6	1703.0	1740.2	1766.2	1790.9	1812.4	1831.3
35°	1546.5	1596.4	1637.2	1679.5	1722.8	1758.5	1794.2	1821.7	1846.9	1869.2	1884.8
32.5°	1593.1	1640.0	1685.3	1728.7	1772.1	1809.3	1843.3	1872.3	1897.2	1918.8	1937.5
30°	1634.3	1682.6	1728.8	1775.8	1817.6	1858.7	1889.5	1921.6	1949.3	1970.0	1987.4
27.5°	1671.9	1721.4	1771.4	1816.4	1862.8	1897.3	1935.2	1965.6	1993.3	2012.9	2033.3
25°	1705.6	1758.3	1805.9	1852.1	1894.7	1938.1	1971.4	2002.4	2031.7	2054.7	2072.1
22.5°	1735.3	1788.4	1833.3	1879.8	1926.1	1967.4	2004.2	2034.7	2062.6	2086.8	2105.1
20°	1761.4	1810.4	1857.8	1905.4	1951.1	1992.0	2029.4	2062.0	2091.0	2113.1	2132.5
17.5°	1781.2	1830.3	1878.9	1927.4	1970.9	2013.5	2052.3	2086.3	2115.8	2137.1	2154.4
15°	1797.6	1848.3	1896.8	1946.3	1988.7	2034.0	2073.0	2107.1	2135.0	2157.9	2173.8
12.5°	1811.3	1861.9	1913.8	1960.6	2008.8	2050.8	2088.7	2124.1	2152.3	2173.5	2194.3
10°	1822.7	1872.2	1926.1	1976.9	2022.0	2064.0	2102.9	2136.1	2161.8	2189.4	2206.0
7.5°	1832.4	1883.0	1935.8	1988.2	2034.3	2073.3	2112.3	2147.2	2174.6	2199.0	2217.4
5°	1839.2	1891.9	1943.5	1995.3	2040.0	2081.5	2117.7	2153.7	2179.1	2202.3	2221.1
2.5°	1843.1	1897.6	1947.8	1998.5	2043.2	2086.1	2123.4	2156.2	2183.6	2205.6	2225.7
0°	1843.8	1899.1	1948.4	1998.5	2043.2	2085.8	2122.8	2156.3	2186.2	2210.2	2229.2
-2.5°	1842.6	1897.4	1947.8	1996.6	2042.3	2084.5	2121.0	2154.4	2182.5	2205.2	2226.5
-5°	1838.1	1892.1	1943.2	1990.3	2037.5	2078.3	2114.6	2148.1	2174.9	2197.6	2218.2
-7.5°	1830.6	1883.1	1934.3	1981.5	2028.9	2067.6	2106.3	2139.9	2166.3	2187.8	2207.1
-10°	1820.1	1869.8	1920.6	1969.4	2013.8	2053.8	2094.3	2127.2	2151.9	2172.5	2191.8
-12.5°	1803.9	1851.1	1901.8	1950.9	1994.2	2037.2	2075.0	2106.4	2132.3	2151.0	2169.2
-15°	1782.8	1828.8	1877.7	1927.6	1972.9	2013.0	2047.6	2080.8	2108.0	2127.0	2143.4
-17.5°	1758.0	1803.3	1848.9	1898.6	1942.9	1982.2	2018.6	2049.8	2075.2	2095.3	2110.3
-20°	1727.4	1775.1	1817.6	1863.2	1908.2	1948.2	1982.7	2013.3	2039.5	2058.3	2075.8



REPORT NUMBER: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1691.9	1742.6	1785.1	1826.3	1867.7	1908.1	1943.3	1972.2	1996.5	2018.9	2037.2
-25°	1652.9	1702.0	1748.3	1788.6	1826.7	1862.7	1897.7	1927.0	1949.7	1973.6	1993.4
-27.5°	1607.4	1655.0	1702.7	1745.9	1783.6	1817.9	1851.3	1879.6	1901.2	1925.2	1943.5
-30°	1560.8	1603.3	1648.7	1693.5	1733.2	1766.6	1798.0	1828.8	1853.4	1871.7	1889.3
-32.5°	1508.1	1550.0	1590.3	1632.2	1674.2	1709.2	1738.4	1765.2	1790.5	1810.6	1824.5
-35°	1452.1	1493.1	1529.9	1571.0	1609.1	1645.9	1674.6	1700.0	1723.4	1742.3	1756.6
-37.5°	1392.2	1432.9	1471.9	1508.9	1544.6	1579.1	1607.7	1634.1	1655.4	1675.9	1690.7
-40°	1327.6	1371.3	1409.7	1446.7	1479.9	1508.0	1537.8	1564.2	1584.6	1601.9	1615.7
-42.5°	1262.0	1304.4	1343.8	1378.9	1411.0	1440.3	1467.1	1489.5	1510.5	1528.4	1541.6
-45°	1196.3	1236.0	1273.3	1307.2	1336.5	1365.1	1393.3	1417.1	1437.0	1452.3	1465.1
-47.5°	1123.9	1165.5	1201.0	1233.0	1262.4	1288.9	1315.6	1339.5	1361.5	1378.3	1390.5
-50°	1049.4	1085.5	1122.9	1156.3	1184.2	1210.3	1235.7	1258.8	1279.4	1297.5	1310.6
-52.5°	972.1	1009.9	1039.7	1068.9	1097.8	1126.3	1150.7	1171.5	1190.3	1205.8	1218.5
-55°	864.4	905.7	952.2	986.6	1009.5	1027.0	1052.3	1077.9	1095.6	1109.8	1121.7
-57.5°	761.3	785.0	806.6	840.8	884.0	912.1	923.0	928.3	940.7	960.7	978.6
-60°	650.0	687.1	702.7	713.8	730.7	755.7	775.9	795.9	805.2	808.6	818.9
-62.5°	540.7	573.7	601.3	620.4	638.6	658.6	673.7	686.9	698.1	707.6	716.4
-65°	442.6	458.7	481.6	507.7	528.7	542.2	547.5	552.7	560.7	577.4	591.0
-67.5°	351.5	372.2	384.6	395.3	410.3	422.8	433.7	442.7	446.5	450.8	457.4
-70°	253.4	263.3	279.5	303.0	318.2	321.7	323.8	325.6	334.7	345.4	352.5
-72.5°	184.2	200.0	211.3	215.4	218.2	222.4	229.7	237.9	246.5	251.3	252.5
-75°	113.1	122.3	131.6	139.8	145.9	150.3	153.2	154.5	154.4	156.9	159.4
-77.5°	63.3	67.0	69.4	71.4	74.0	76.0	77.4	78.2	79.1	82.4	85.2
-80°	34.4	35.7	36.3	37.3	38.6	40.2	41.2	41.4	41.1	41.5	41.9
-82.5°	20.2	21.1	22.0	22.7	23.3	23.7	24.2	24.6	24.9	25.2	25.4
-85°	11.1	11.6	12.0	12.3	12.5	12.7	12.9	13.1	13.2	13.4	13.5
-87.5°	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.4
-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: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
82.5°	4.5	4.5	4.4	4.3	4.3	4.3	4.3	4.2	4.0	3.9	3.9
80°	15.1	15.1	15.0	14.8	14.9	14.8	14.7	14.4	14.1	13.6	13.3
77.5°	31.7	31.7	31.6	31.4	31.4	31.4	31.1	30.7	30.0	29.3	28.6
75°	63.3	59.4	54.8	49.9	53.3	56.2	58.7	60.6	61.6	61.7	61.0
72.5°	134.9	137.9	138.5	137.2	138.0	136.9	133.5	127.6	118.9	113.8	116.3
70°	270.5	275.3	277.7	277.5	277.0	273.4	267.0	257.8	245.9	234.4	225.0
67.5°	417.4	418.0	415.7	410.5	415.1	416.8	415.6	411.9	403.7	388.1	371.8
65°	582.4	586.8	588.0	585.9	586.9	584.6	579.1	570.8	560.0	550.1	540.4
62.5°	708.0	713.3	710.6	702.3	708.3	708.6	700.6	682.0	668.8	669.4	674.1
60°	893.5	898.9	901.9	902.3	900.9	896.9	890.4	881.5	870.3	861.4	846.2
57.5°	1048.8	1052.7	1050.5	1041.5	1047.8	1046.8	1039.2	1026.2	1007.0	991.0	982.8
55°	1231.6	1239.6	1244.8	1246.6	1244.6	1239.0	1230.3	1219.1	1205.9	1181.9	1156.8
52.5°	1330.5	1337.5	1341.4	1342.3	1340.2	1335.1	1327.0	1315.7	1300.6	1281.9	1260.6
50°	1419.3	1427.6	1432.7	1434.5	1432.4	1427.1	1418.4	1406.5	1391.4	1372.0	1348.7
47.5°	1517.0	1527.4	1532.1	1531.9	1531.2	1525.7	1514.3	1498.7	1483.7	1470.4	1450.2
45°	1639.2	1649.5	1656.0	1657.6	1655.3	1648.2	1637.7	1624.7	1601.7	1577.3	1553.6
42.5°	1719.4	1727.9	1733.7	1736.6	1733.0	1726.5	1717.2	1704.7	1685.8	1662.0	1635.2
40°	1777.5	1786.0	1791.0	1792.9	1790.8	1785.3	1776.1	1763.1	1747.3	1725.9	1699.0
37.5°	1844.8	1854.2	1860.1	1862.6	1860.4	1855.3	1846.8	1832.6	1811.3	1785.7	1764.3
35°	1897.3	1907.5	1915.0	1919.5	1915.7	1908.9	1899.4	1886.2	1868.0	1845.5	1818.8
32.5°	1951.9	1962.5	1969.4	1973.1	1969.2	1962.1	1951.6	1937.4	1917.6	1896.3	1871.7
30°	2002.3	2011.7	2018.0	2020.7	2019.0	2012.9	2002.0	1986.2	1967.4	1946.8	1917.0
27.5°	2048.9	2059.1	2064.1	2065.9	2063.9	2058.8	2048.1	2032.9	2015.1	1992.5	1961.2
25°	2085.6	2097.0	2103.8	2106.7	2104.1	2098.4	2088.6	2071.8	2051.4	2030.2	2001.4
22.5°	2120.0	2131.0	2137.4	2140.7	2138.4	2133.1	2120.3	2105.3	2086.3	2061.5	2031.8
20°	2147.9	2159.6	2162.7	2163.5	2162.2	2159.2	2148.8	2132.3	2111.6	2086.6	2059.2
17.5°	2167.2	2179.8	2185.1	2187.1	2185.4	2180.9	2171.4	2155.4	2135.9	2108.7	2079.2
15°	2188.1	2200.1	2208.3	2209.6	2207.4	2201.7	2192.5	2175.1	2155.6	2132.5	2100.4
12.5°	2207.8	2217.9	2224.6	2226.6	2224.8	2218.8	2210.7	2195.1	2170.0	2147.8	2118.9
10°	2221.9	2233.3	2240.2	2240.3	2237.6	2233.9	2224.2	2208.9	2188.3	2159.7	2133.3
7.5°	2234.2	2246.3	2252.7	2252.9	2248.6	2244.3	2233.7	2219.4	2198.9	2173.4	2142.2
5°	2237.0	2249.5	2256.4	2256.1	2255.6	2252.1	2238.4	2225.2	2205.2	2179.1	2148.8
2.5°	2239.5	2249.3	2257.0	2261.8	2260.2	2252.4	2241.5	2226.9	2207.8	2184.8	2152.6
0°	2243.3	2253.5	2262.1	2261.4	2259.4	2251.6	2240.9	2228.4	2207.4	2187.4	2152.4
-2.5°	2239.6	2249.4	2256.1	2253.9	2249.9	2246.7	2237.6	2220.9	2200.5	2178.8	2147.3
-5°	2234.3	2245.7	2248.2	2246.3	2245.6	2239.7	2231.6	2214.5	2194.2	2168.5	2139.7
-7.5°	2222.9	2233.2	2239.2	2236.0	2237.5	2231.8	2222.8	2204.7	2184.6	2158.9	2133.2
-10°	2206.8	2218.3	2223.7	2222.7	2222.9	2217.9	2205.8	2189.6	2169.9	2146.1	2119.4
-12.5°	2184.4	2194.9	2201.4	2203.4	2200.4	2195.7	2188.3	2169.4	2152.0	2127.3	2095.7
-15°	2156.8	2168.6	2175.1	2176.5	2173.9	2168.4	2158.1	2144.4	2125.5	2099.1	2069.9
-17.5°	2127.3	2140.1	2143.5	2143.0	2141.0	2136.5	2128.1	2114.6	2091.3	2068.7	2040.9
-20°	2092.1	2103.8	2108.9	2110.2	2107.3	2102.1	2092.4	2075.8	2058.0	2031.4	2004.2



REPORT NUMBER: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2053.3	2064.2	2068.5	2069.0	2068.4	2062.7	2053.5	2035.3	2013.4	1991.3	1966.5
-25°	2007.2	2016.3	2020.7	2020.7	2019.7	2014.6	2004.9	1986.9	1968.6	1948.8	1922.4
-27.5°	1959.0	1969.2	1974.3	1974.7	1971.6	1965.1	1954.5	1941.6	1925.1	1900.6	1874.5
-30°	1905.4	1915.0	1919.8	1919.8	1919.6	1915.1	1906.5	1889.2	1868.6	1846.9	1822.0
-32.5°	1835.3	1844.8	1850.0	1850.0	1849.9	1844.7	1835.0	1822.5	1805.7	1781.5	1752.8
-35°	1768.9	1779.0	1784.8	1786.1	1783.9	1777.1	1765.8	1751.8	1736.4	1715.3	1690.0
-37.5°	1701.7	1711.0	1716.8	1718.7	1716.5	1710.6	1701.0	1687.5	1670.3	1649.4	1627.1
-40°	1628.7	1638.3	1644.2	1646.3	1643.5	1636.7	1626.0	1611.6	1595.8	1577.2	1557.0
-42.5°	1553.8	1562.5	1567.8	1569.6	1566.3	1559.6	1549.5	1536.2	1522.6	1505.4	1484.2
-45°	1477.6	1486.8	1492.7	1495.1	1492.4	1486.3	1477.5	1466.1	1450.2	1430.7	1409.5
-47.5°	1400.4	1407.9	1412.4	1413.7	1411.0	1405.2	1396.3	1383.7	1368.6	1351.7	1332.2
-50°	1319.6	1325.7	1328.8	1328.7	1326.9	1322.0	1313.9	1302.8	1288.5	1271.3	1251.9
-52.5°	1228.0	1234.3	1237.5	1237.5	1235.9	1231.3	1223.5	1212.9	1199.6	1184.9	1166.3
-55°	1131.1	1137.7	1141.4	1142.0	1140.0	1134.9	1126.4	1114.8	1100.1	1086.1	1067.9
-57.5°	987.4	991.9	991.8	986.0	990.1	988.6	983.0	973.4	953.7	931.9	917.1
-60°	826.5	831.4	833.6	833.2	832.0	828.2	822.0	813.5	802.8	798.4	788.2
-62.5°	723.0	727.2	729.1	728.8	727.9	724.8	719.2	711.2	701.4	692.0	681.2
-65°	598.3	600.1	597.1	590.0	595.9	597.8	594.9	586.6	572.2	554.9	547.1
-67.5°	462.6	466.1	467.8	467.9	467.5	465.6	461.9	456.5	449.4	442.8	435.9
-70°	355.3	354.4	350.5	344.2	349.3	352.3	352.3	348.8	341.3	330.5	321.3
-72.5°	253.5	254.1	253.8	252.4	253.4	253.4	252.5	251.2	250.0	244.3	234.0
-75°	161.0	161.7	161.6	160.6	160.7	160.0	158.4	156.0	152.8	149.4	147.7
-77.5°	87.2	88.3	88.6	88.1	88.1	87.3	85.8	83.4	80.3	76.6	75.0
-80°	42.0	42.1	42.0	41.7	41.7	41.5	41.2	40.8	40.2	39.4	38.8
-82.5°	25.5	25.6	25.5	25.4	25.4	25.3	25.1	24.9	24.5	24.1	23.6
-85°	13.6	13.6	13.6	13.5	13.5	13.4	13.3	13.2	13.0	12.7	12.4
-87.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.3	4.2
-90°	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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	3.9	3.8	3.8	3.7	3.6	3.4	3.2	2.9	2.5	2.1	1.6
80°	12.9	12.3	11.6	10.9	10.2	9.5	8.6	7.9	7.5	7.1	6.5
77.5°	27.8	26.9	25.8	24.5	23.4	22.5	20.8	18.5	16.9	15.1	13.4
75°	59.6	57.8	55.4	52.5	49.3	46.1	42.8	40.2	37.8	34.1	29.4
72.5°	117.9	118.7	115.9	106.7	94.3	90.2	84.8	76.9	68.9	60.9	56.1
70°	223.7	222.8	220.6	204.8	185.5	173.8	165.9	151.2	133.0	115.9	96.5
67.5°	352.4	348.4	347.2	335.6	303.7	281.8	267.7	244.2	219.4	198.1	173.2
65°	528.1	513.3	496.4	477.4	440.0	406.4	384.7	354.5	329.4	291.9	258.4
62.5°	670.9	655.0	631.5	608.2	583.9	557.7	523.5	478.8	434.0	389.8	366.1
60°	823.8	790.6	771.6	762.9	735.1	694.1	649.6	611.1	568.0	513.1	458.4
57.5°	977.8	958.3	914.3	875.4	851.1	833.6	804.1	755.9	690.2	632.0	572.6
55°	1127.1	1103.4	1085.2	1046.7	995.6	942.8	910.5	882.9	833.0	760.9	674.6
52.5°	1235.2	1206.4	1176.7	1146.4	1111.8	1070.5	1017.6	975.3	933.9	875.6	799.3
50°	1322.5	1293.4	1266.1	1238.3	1199.7	1154.8	1110.6	1062.1	1009.2	959.6	900.9
47.5°	1419.6	1382.7	1352.6	1326.0	1297.1	1255.8	1196.9	1140.0	1087.2	1027.5	973.7
45°	1530.2	1499.3	1451.0	1408.9	1375.8	1342.8	1301.5	1229.6	1163.2	1100.5	1035.3
42.5°	1607.0	1582.6	1544.7	1499.2	1452.0	1413.0	1372.1	1314.6	1244.5	1175.1	1102.4
40°	1667.2	1637.0	1603.6	1568.4	1523.2	1476.7	1428.0	1374.8	1313.3	1243.9	1174.5
37.5°	1733.0	1696.0	1657.1	1619.9	1580.3	1533.9	1482.1	1427.2	1367.9	1301.0	1232.8
35°	1787.7	1756.4	1715.9	1672.1	1627.6	1585.3	1534.5	1477.8	1416.6	1351.9	1279.8
32.5°	1839.5	1804.2	1766.7	1724.8	1678.3	1629.5	1582.2	1525.5	1464.1	1395.2	1323.4
30°	1888.4	1853.8	1812.0	1769.6	1723.9	1675.4	1622.2	1570.1	1506.5	1437.7	1361.1
27.5°	1930.0	1896.2	1858.4	1809.5	1762.8	1714.6	1663.7	1606.1	1546.4	1473.7	1395.1
25°	1967.1	1933.0	1892.8	1847.8	1797.0	1747.4	1698.6	1642.6	1577.5	1505.6	1430.4
22.5°	2001.6	1962.9	1921.8	1878.2	1829.7	1777.7	1723.5	1669.8	1604.1	1536.8	1458.3
20°	2027.0	1990.4	1947.1	1902.2	1853.4	1803.1	1749.3	1693.0	1630.1	1559.7	1481.8
17.5°	2048.9	2011.9	1970.3	1922.6	1877.0	1825.1	1770.9	1712.0	1651.5	1580.4	1503.5
15°	2065.7	2029.8	1989.8	1945.0	1895.3	1844.6	1788.9	1730.8	1668.1	1597.9	1523.1
12.5°	2083.9	2046.2	2005.6	1959.8	1911.4	1860.6	1804.9	1745.5	1681.7	1612.5	1537.7
10°	2098.4	2060.5	2018.6	1974.5	1924.2	1870.8	1815.7	1757.7	1694.4	1625.8	1550.4
7.5°	2109.1	2071.1	2029.0	1983.6	1933.1	1880.5	1826.0	1767.0	1704.3	1635.5	1559.7
5°	2116.6	2077.2	2036.4	1990.4	1939.5	1886.3	1832.4	1773.4	1710.7	1641.4	1565.4
2.5°	2119.8	2080.2	2038.4	1993.8	1942.9	1888.5	1834.4	1776.4	1713.4	1644.2	1567.6
0°	2117.5	2078.8	2035.9	1993.4	1942.7	1886.9	1832.6	1775.8	1712.7	1643.4	1566.2
-2.5°	2116.4	2077.1	2033.7	1991.4	1941.1	1885.6	1831.9	1774.6	1711.2	1642.8	1566.5
-5°	2110.0	2070.9	2026.8	1987.0	1935.3	1880.2	1827.8	1769.9	1706.4	1639.0	1563.3
-7.5°	2098.6	2059.1	2014.5	1978.0	1925.9	1871.9	1820.0	1761.8	1698.7	1632.2	1556.4
-10°	2082.3	2044.8	2003.2	1962.9	1912.5	1861.1	1808.6	1750.6	1688.2	1620.8	1545.7
-12.5°	2062.9	2026.0	1989.2	1943.0	1893.6	1844.1	1791.5	1734.2	1673.5	1605.3	1531.7
-15°	2038.3	2005.0	1966.0	1921.4	1872.3	1821.4	1768.5	1710.8	1653.0	1588.3	1515.8
-17.5°	2008.2	1976.1	1935.5	1892.6	1846.7	1794.8	1741.9	1687.2	1629.8	1563.2	1487.4
-20°	1976.4	1939.2	1901.7	1861.4	1813.2	1763.9	1712.0	1656.2	1598.0	1533.3	1458.1



REPORT NUMBER: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1934.3	1900.9	1863.4	1823.2	1776.8	1728.3	1680.4	1625.7	1566.1	1499.1	1429.3
-25°	1892.2	1856.9	1823.7	1780.4	1737.1	1691.5	1638.0	1588.1	1530.0	1460.2	1393.3
-27.5°	1845.2	1813.9	1774.6	1736.2	1694.3	1644.4	1596.4	1545.6	1485.0	1423.8	1346.1
-30°	1788.8	1756.9	1723.9	1688.0	1640.5	1593.0	1546.9	1496.2	1440.7	1377.5	1299.8
-32.5°	1727.6	1699.6	1668.8	1625.8	1579.9	1539.0	1494.0	1442.7	1391.1	1321.1	1252.1
-35°	1666.4	1638.8	1602.1	1562.1	1520.8	1480.7	1436.0	1389.2	1329.9	1266.8	1201.3
-37.5°	1599.3	1570.7	1536.8	1499.4	1461.6	1418.6	1377.0	1326.2	1271.4	1212.4	1153.5
-40°	1529.2	1500.4	1470.0	1437.1	1396.5	1355.4	1311.9	1265.2	1212.9	1157.5	1096.6
-42.5°	1459.6	1431.8	1400.4	1366.7	1330.5	1290.9	1249.1	1203.1	1152.1	1098.1	1025.7
-45°	1384.2	1356.0	1328.3	1296.4	1263.1	1225.0	1184.0	1135.7	1086.9	1024.9	964.9
-47.5°	1308.4	1281.8	1255.3	1225.2	1192.3	1154.8	1110.0	1066.0	1012.5	959.7	898.8
-50°	1229.7	1205.4	1179.3	1149.9	1113.2	1074.2	1034.8	991.7	943.8	889.6	827.2
-52.5°	1145.8	1121.7	1091.2	1058.9	1027.3	991.9	955.4	913.9	867.6	809.2	756.2
-55°	1042.9	1018.3	996.0	969.7	935.1	890.3	851.7	815.8	778.2	729.3	657.8
-57.5°	909.5	897.0	868.5	828.2	796.1	771.7	748.8	721.6	665.4	607.0	564.8
-60°	768.6	748.8	725.3	707.1	693.8	675.8	637.2	593.8	553.3	523.6	490.7
-62.5°	667.6	651.6	630.9	611.9	591.5	562.7	526.2	498.3	475.0	450.0	413.7
-65°	541.9	535.9	517.3	489.0	466.7	447.1	432.8	414.9	388.7	336.9	305.4
-67.5°	425.0	413.1	399.7	384.7	375.1	360.7	333.4	303.9	279.7	263.0	240.0
-70°	317.7	312.5	304.5	289.9	269.9	255.1	244.6	230.3	210.9	192.0	173.0
-72.5°	224.4	215.9	209.6	202.5	192.9	182.3	170.7	157.6	143.2	127.4	110.6
-75°	144.9	140.9	135.7	129.4	121.6	112.3	101.8	91.6	83.8	76.3	68.2
-77.5°	73.3	70.8	67.4	63.1	59.7	56.6	52.7	48.9	45.6	41.3	36.9
-80°	37.9	36.8	35.4	34.0	32.7	31.4	29.5	27.4	25.6	23.6	21.6
-82.5°	22.9	22.3	21.7	21.0	20.2	19.3	18.2	17.2	16.1	14.9	13.8
-85°	12.1	11.7	11.2	10.7	10.2	9.6	8.9	8.3	7.8	7.2	6.7
-87.5°	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.9	2.7	2.5
-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: P622918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF65-XX-PC-35W-7030

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	1.2	1.2	1.2	1.0	0.6	0.5	0.5	0.5	0.4	0.4	0.4
80°	5.7	5.0	4.4	3.7	3.2	2.7	2.0	1.2	0.8	0.7	0.6
77.5°	11.7	9.9	8.7	7.3	6.2	5.3	4.5	3.6	2.6	1.5	0.9
75°	24.5	21.2	16.5	13.6	11.0	9.0	7.0	5.9	4.8	3.5	2.2
72.5°	49.9	43.5	36.5	29.0	21.2	15.0	11.6	8.9	7.0	5.5	4.0
70°	85.1	73.5	60.4	51.4	41.9	30.9	18.8	13.8	10.2	7.5	5.7
67.5°	148.0	122.4	102.0	83.2	63.4	50.7	37.1	23.0	14.8	10.5	7.5
65°	225.0	192.4	160.4	128.2	103.7	76.0	56.4	39.7	23.5	14.5	9.8
62.5°	316.3	270.5	228.7	189.8	151.1	116.2	83.6	58.0	38.5	20.2	12.8
60°	411.3	369.4	309.0	255.0	207.8	162.0	121.0	83.5	53.6	33.4	16.9
57.5°	510.3	452.5	405.1	335.4	267.6	213.0	162.8	116.8	76.6	46.4	24.4
55°	615.5	544.2	481.9	424.0	338.7	267.1	208.0	153.9	104.7	63.2	35.8
52.5°	710.0	641.0	562.0	491.5	416.3	326.8	254.7	193.3	136.3	85.0	46.9
50°	821.5	725.8	650.2	558.4	476.3	393.1	304.7	232.3	169.9	109.9	59.7
47.5°	909.9	825.6	722.9	631.4	536.3	449.1	355.6	274.4	203.0	137.1	77.9
45°	976.8	906.6	804.8	693.9	596.8	501.6	411.4	315.6	235.4	164.6	96.5
42.5°	1033.0	967.0	878.6	762.3	655.7	552.8	455.2	355.1	269.8	190.4	115.4
40°	1089.7	1015.7	934.6	835.2	709.1	604.0	499.5	400.2	304.7	215.1	135.6
37.5°	1155.9	1059.6	982.4	887.0	770.4	649.9	542.0	436.8	331.5	238.8	155.6
35°	1204.0	1112.0	1020.3	934.6	825.3	691.8	582.4	471.4	360.8	263.5	174.7
32.5°	1245.2	1158.6	1059.0	973.5	867.0	744.4	620.3	505.0	392.7	288.4	192.6
30°	1285.0	1193.9	1100.4	1004.2	907.1	786.8	650.5	536.7	419.6	309.6	209.5
27.5°	1319.7	1232.2	1134.4	1035.2	940.6	821.5	682.5	566.1	443.5	327.4	225.6
25°	1348.2	1267.6	1161.8	1065.0	968.2	852.7	719.9	593.3	466.8	344.4	240.3
22.5°	1372.5	1295.2	1188.8	1090.4	990.4	882.7	750.8	618.2	488.8	363.8	254.5
20°	1397.2	1315.4	1221.7	1112.2	1011.9	908.9	777.9	636.9	508.6	380.8	268.3
17.5°	1422.4	1334.7	1246.7	1131.4	1031.4	928.3	801.4	653.3	526.1	395.3	280.4
15°	1440.2	1350.9	1268.0	1148.1	1047.4	945.2	819.0	668.5	541.3	407.2	290.8
12.5°	1455.6	1363.5	1281.2	1162.6	1060.4	957.4	833.7	683.1	554.2	417.2	298.9
10°	1467.1	1376.3	1293.1	1176.1	1070.4	966.2	845.4	693.8	564.6	425.2	304.7
7.5°	1475.3	1385.9	1302.2	1184.8	1077.3	972.5	853.9	700.9	572.5	431.1	309.1
5°	1480.6	1391.2	1307.6	1189.0	1081.4	976.4	859.2	704.7	577.9	435.0	312.0
2.5°	1482.1	1392.6	1310.1	1189.3	1082.5	977.8	861.4	705.5	580.7	436.9	313.6
0°	1480.3	1390.4	1309.6	1186.0	1080.9	976.6	860.7	703.5	581.0	436.7	313.7
-2.5°	1480.7	1391.6	1308.4	1186.6	1081.3	976.5	861.0	705.6	581.3	437.2	314.3
-5°	1477.5	1389.4	1304.4	1184.0	1078.9	973.8	858.5	704.9	579.2	435.6	313.5
-7.5°	1470.3	1383.2	1297.7	1178.1	1073.4	968.6	853.2	701.2	574.7	432.1	311.2
-10°	1460.9	1372.9	1286.1	1168.7	1064.9	960.8	845.4	694.2	567.9	426.5	307.2
-12.5°	1449.1	1358.7	1269.3	1155.8	1053.0	950.5	834.3	683.7	558.6	419.0	301.7
-15°	1433.6	1341.9	1249.3	1140.8	1037.8	937.0	820.5	669.4	546.3	409.7	294.3
-17.5°	1414.0	1322.0	1225.7	1123.5	1020.0	919.7	804.2	654.7	531.5	398.5	285.2
-20°	1381.1	1298.9	1200.0	1102.3	1000.1	900.2	780.7	639.2	514.1	385.8	274.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1345.3	1264.8	1169.0	1077.5	977.8	877.9	752.4	621.5	493.9	371.4	263.2
-25°	1309.3	1226.7	1138.0	1043.6	953.2	853.3	721.0	599.9	471.0	355.3	250.4
-27.5°	1271.3	1187.4	1103.1	1008.4	921.0	825.2	684.2	576.7	447.2	337.8	236.6
-30°	1226.1	1148.6	1060.2	972.4	885.7	786.8	653.6	546.8	424.8	318.0	221.4
-32.5°	1180.7	1106.3	1013.7	932.8	847.5	741.8	625.4	513.9	400.8	297.5	205.2
-35°	1136.7	1051.0	970.4	890.0	807.0	690.8	592.3	477.4	375.3	277.1	187.7
-37.5°	1079.9	996.2	921.3	844.5	757.7	651.4	551.8	443.5	347.0	255.5	171.0
-40°	1013.4	943.3	870.6	798.5	703.6	609.1	508.1	410.7	315.2	232.5	156.0
-42.5°	958.5	885.5	818.8	744.9	655.4	560.0	464.0	374.6	286.9	208.3	140.3
-45°	897.1	828.7	766.2	688.7	599.6	510.3	423.5	333.7	257.3	182.9	124.1
-47.5°	833.8	773.9	710.6	631.2	541.9	461.6	377.7	294.6	226.3	163.4	107.4
-50°	770.7	708.8	647.4	560.3	489.1	411.2	327.3	258.6	194.8	142.1	90.2
-52.5°	692.3	631.7	562.4	503.4	433.9	353.7	282.0	222.5	167.3	119.8	75.1
-55°	602.6	548.0	499.5	443.8	368.0	296.7	240.5	186.9	140.7	97.7	60.5
-57.5°	523.4	482.6	432.3	367.2	301.4	248.8	200.9	155.5	113.7	77.5	47.2
-60°	454.1	404.2	344.8	293.8	247.7	205.4	163.5	123.3	88.9	59.3	35.5
-62.5°	355.4	312.6	274.3	236.5	201.6	163.6	126.2	95.1	67.1	43.4	25.7
-65°	277.7	247.7	215.4	186.9	155.2	121.0	94.8	69.9	48.5	31.3	21.5
-67.5°	211.9	188.1	162.6	135.4	108.8	88.9	67.1	49.1	33.8	23.3	17.2
-70°	152.6	131.0	108.1	93.3	77.1	59.8	45.4	33.0	23.8	18.1	13.1
-72.5°	96.6	85.5	72.9	59.6	49.6	39.5	29.1	22.5	17.7	13.5	9.0
-75°	58.7	51.1	43.4	36.9	30.0	24.4	19.3	16.2	12.8	9.0	6.4
-77.5°	33.0	28.5	25.4	21.6	18.8	16.5	13.9	11.0	8.3	6.1	4.5
-80°	19.9	18.2	16.5	14.7	12.9	10.9	8.7	6.8	5.2	4.1	3.0
-82.5°	12.5	11.2	9.8	8.4	6.9	6.0	5.0	4.1	3.3	2.6	2.0
-85°	6.0	5.4	4.8	4.2	3.7	3.2	2.7	2.2	1.8	1.5	1.2
-87.5°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.7	0.6
-90°	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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
82.5°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
80°	0.5	0.5	0.4	0.4	0.3	0.1	0.0
77.5°	0.7	0.6	0.5	0.4	0.3	0.2	0.0
75°	1.0	0.8	0.6	0.5	0.4	0.2	0.0
72.5°	2.3	1.1	0.7	0.6	0.4	0.2	0.0
70°	3.8	1.9	1.0	0.7	0.5	0.3	0.0
67.5°	5.4	3.2	1.3	0.8	0.5	0.3	0.0
65°	6.9	4.4	2.0	0.9	0.6	0.3	0.0
62.5°	8.4	5.7	3.0	1.2	0.6	0.3	0.0
60°	10.7	6.9	3.9	1.4	0.7	0.4	0.0
57.5°	13.2	8.2	4.9	1.7	0.8	0.4	0.0
55°	17.5	9.7	5.8	2.4	0.8	0.4	0.0
52.5°	22.6	11.7	6.7	3.0	0.9	0.4	0.0
50°	31.7	13.6	7.7	3.7	1.1	0.5	0.0
47.5°	40.5	17.7	8.7	4.3	1.2	0.5	0.0
45°	49.1	21.9	9.8	4.9	1.4	0.5	0.0
42.5°	57.3	27.3	11.1	5.5	1.5	0.5	0.0
40°	70.7	33.7	12.4	6.0	1.7	0.6	0.0
37.5°	83.4	39.9	13.6	6.5	1.8	0.6	0.0
35°	96.5	45.7	16.2	7.1	2.1	0.6	0.0
32.5°	109.5	51.2	19.3	7.7	2.4	0.6	0.0
30°	121.6	56.4	22.4	8.3	2.7	0.6	0.0
27.5°	134.1	62.0	25.4	8.8	2.9	0.7	0.0
25°	145.7	69.4	28.5	9.3	3.2	0.7	0.0
22.5°	156.0	76.1	31.7	9.8	3.4	0.7	0.0
20°	165.4	82.2	34.7	10.3	3.6	0.7	0.0
17.5°	174.2	87.5	37.3	10.8	3.8	0.7	0.0
15°	181.8	92.5	39.7	11.2	4.0	0.8	0.0
12.5°	188.2	97.2	41.7	11.6	4.1	0.8	0.0
10°	193.5	101.0	43.4	11.9	4.3	0.8	0.0
7.5°	197.5	104.1	44.9	12.1	4.4	0.8	0.0
5°	200.3	106.3	45.9	12.3	4.4	0.8	0.0
2.5°	201.8	107.7	46.7	12.4	4.5	0.8	0.0
0°	202.2	108.3	47.2	12.5	4.5	0.8	0.0
-2.5°	202.7	108.9	47.5	12.7	4.5	0.8	0.0
-5°	202.0	108.7	47.5	12.8	4.5	0.8	0.0
-7.5°	200.1	107.7	47.1	12.9	4.5	0.8	0.0
-10°	196.9	105.9	46.4	12.9	4.5	0.8	0.0
-12.5°	192.6	103.3	45.3	12.8	4.4	0.8	0.0
-15°	186.9	99.9	43.9	12.7	4.3	0.8	0.0
-17.5°	180.1	96.1	42.2	12.5	4.2	0.8	0.0
-20°	172.1	91.9	40.0	12.2	4.1	0.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.1	87.1	37.5	11.9	3.9	0.8	0.0
-25°	156.0	81.5	34.7	11.5	3.7	0.8	0.0
-27.5°	146.9	75.1	31.7	11.1	3.5	0.8	0.0
-30°	137.2	69.9	28.6	10.6	3.3	0.8	0.0
-32.5°	126.9	64.8	25.3	10.0	3.0	0.7	0.0
-35°	115.8	59.0	21.7	9.4	2.8	0.7	0.0
-37.5°	104.4	52.9	18.7	8.7	2.5	0.7	0.0
-40°	92.7	46.7	17.6	8.1	2.4	0.7	0.0
-42.5°	80.3	40.1	16.3	7.4	2.2	0.7	0.0
-45°	70.6	33.7	15.0	6.7	2.1	0.6	0.0
-47.5°	60.2	27.8	13.6	5.8	1.9	0.6	0.0
-50°	50.4	21.7	12.2	5.2	1.7	0.6	0.0
-52.5°	40.2	19.6	10.7	4.6	1.5	0.6	0.0
-55°	31.9	17.4	9.3	3.9	1.4	0.5	0.0
-57.5°	23.9	15.1	7.8	3.2	1.3	0.5	0.0
-60°	20.9	12.8	6.2	2.8	1.2	0.5	0.0
-62.5°	17.7	10.5	5.2	2.5	1.1	0.4	0.0
-65°	14.5	8.0	4.2	2.1	1.0	0.4	0.0
-67.5°	11.2	6.2	3.4	1.7	0.9	0.3	0.0
-70°	7.8	4.8	2.8	1.5	0.8	0.3	0.0
-72.5°	5.9	3.7	2.1	1.3	0.7	0.3	0.0
-75°	4.4	2.8	1.8	1.0	0.6	0.2	0.0
-77.5°	3.2	2.1	1.4	0.9	0.5	0.2	0.0
-80°	2.3	1.6	1.1	0.7	0.4	0.2	0.0
-82.5°	1.5	1.1	0.8	0.5	0.3	0.1	0.0
-85°	1.0	0.7	0.5	0.3	0.2	0.1	0.0
-87.5°	0.5	0.3	0.2	0.2	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)