

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



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: McGRAW-EDISON

Report Number: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1E-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-750-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

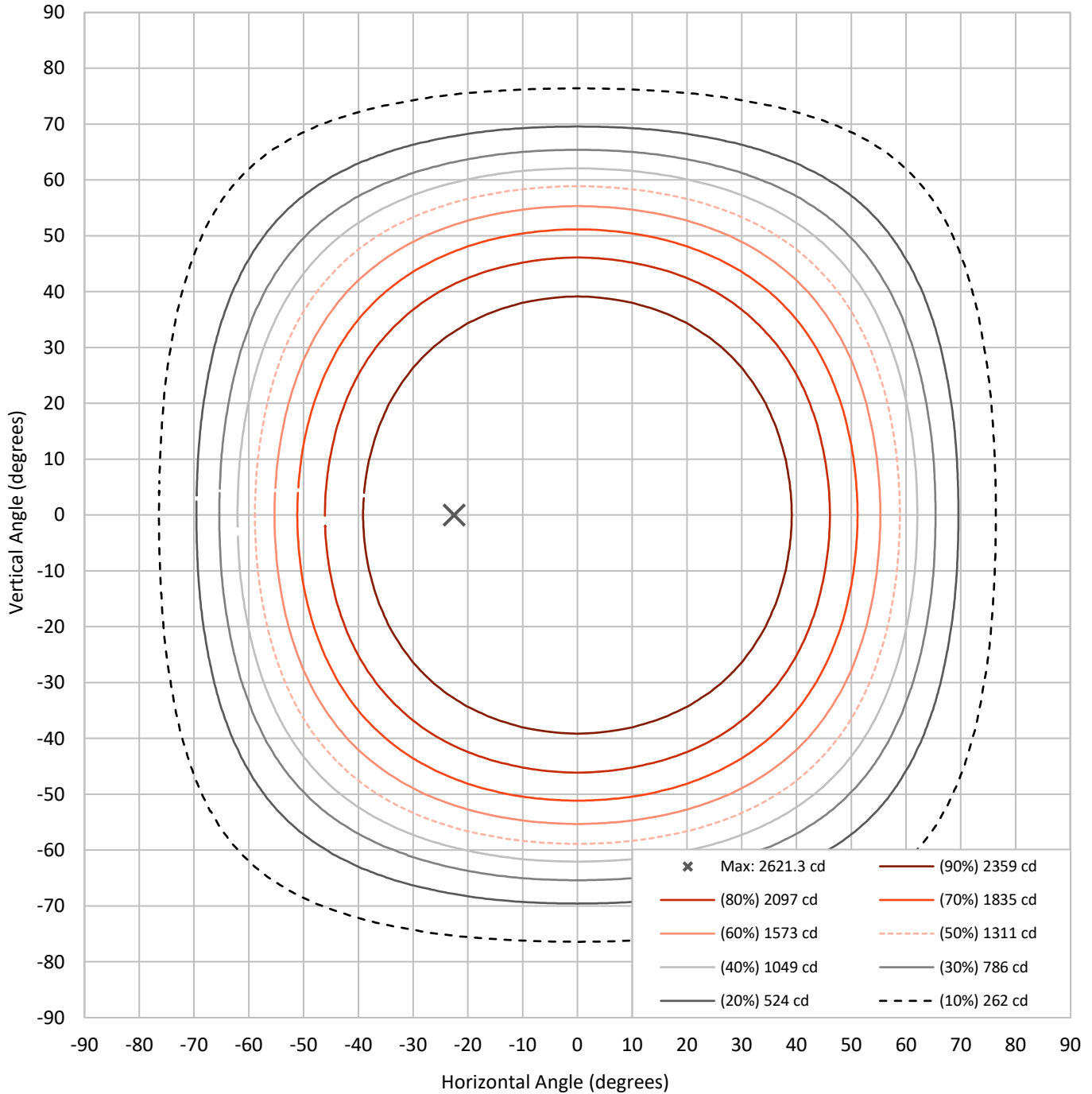
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8018.8 lumens	Max Intensity:	2621.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	121.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	6673.4 lumens	Field Lumens:	7861.1 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	66.2		
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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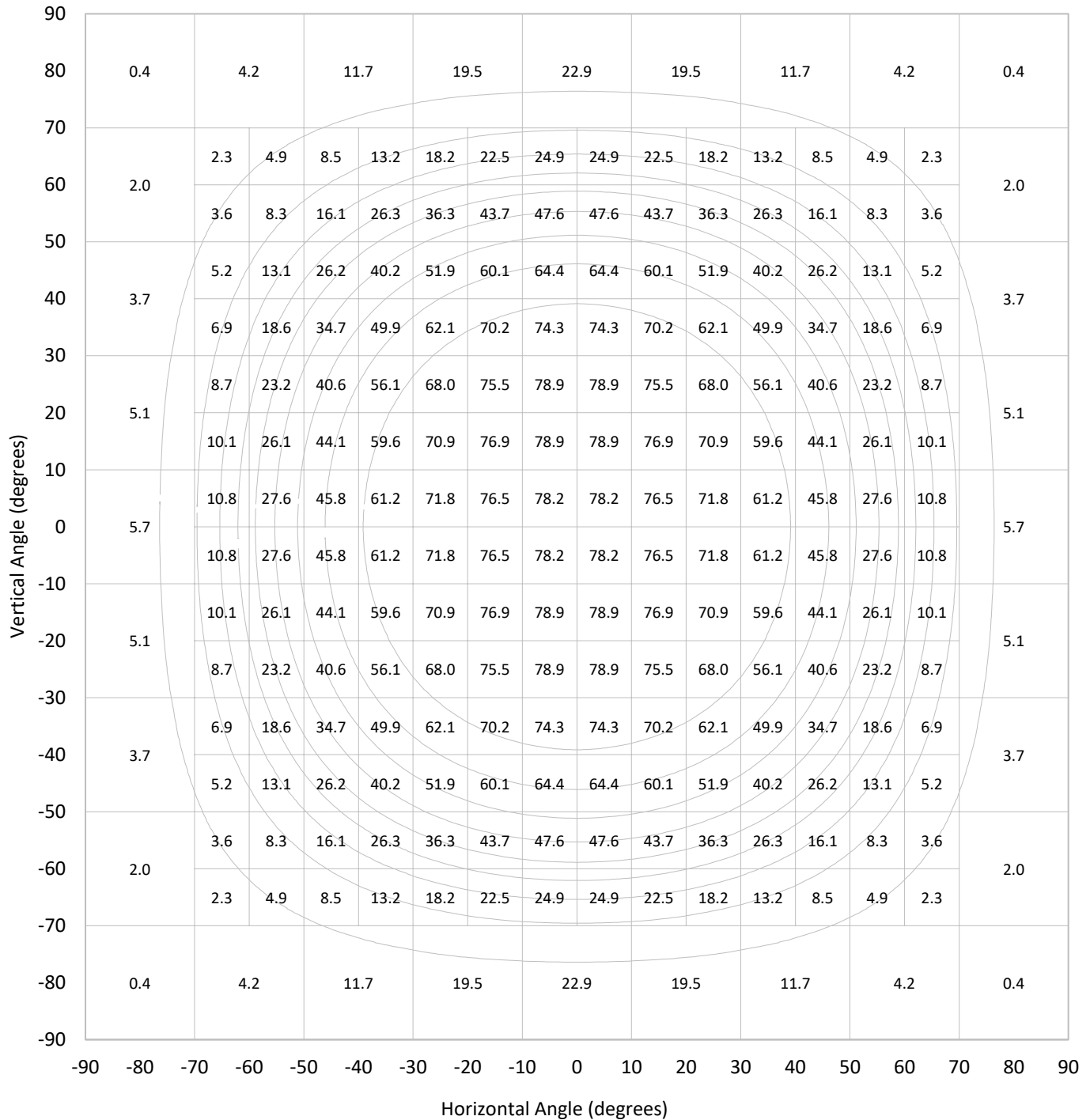
Iso-Candela Plot





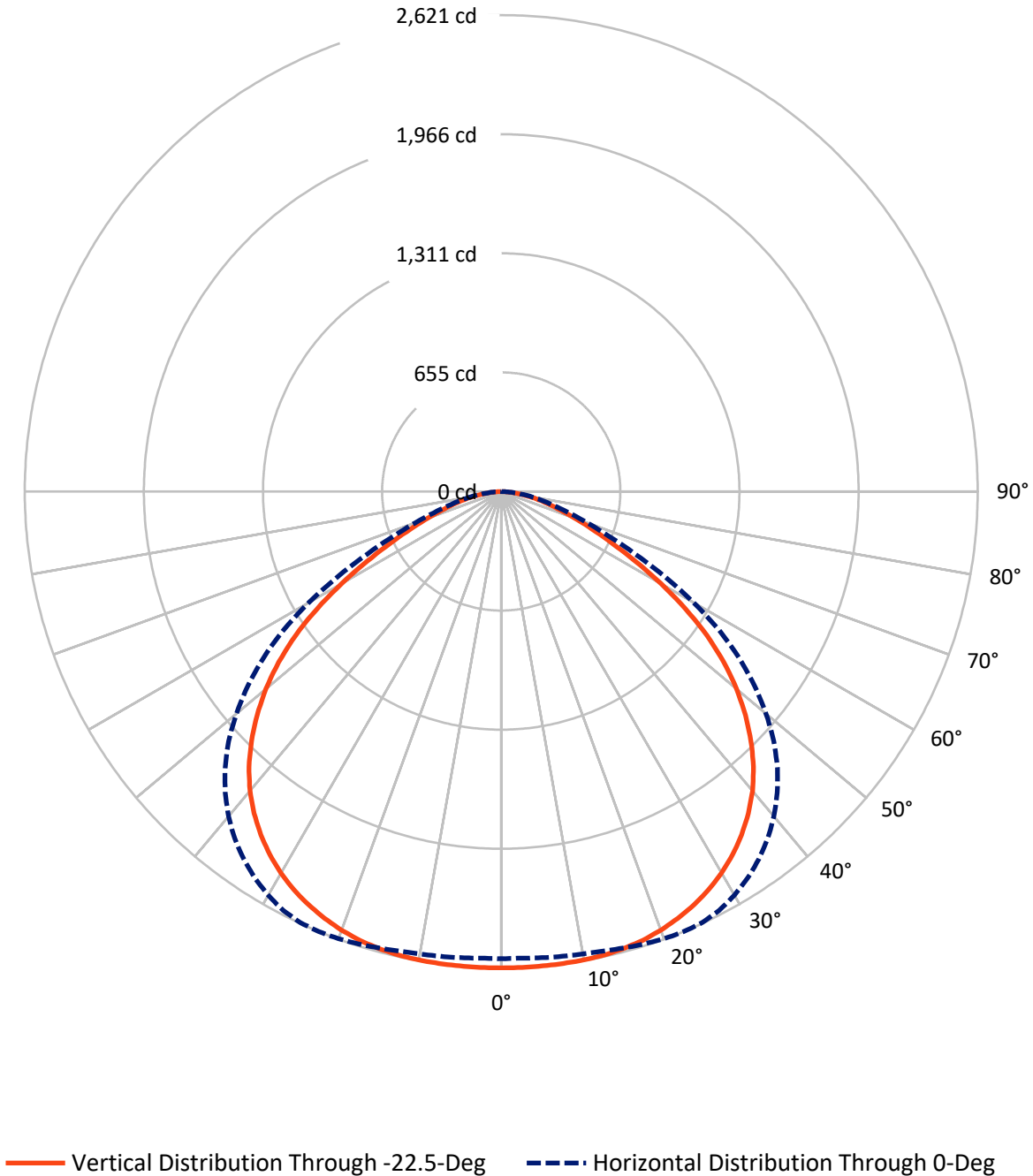
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Lumen Table



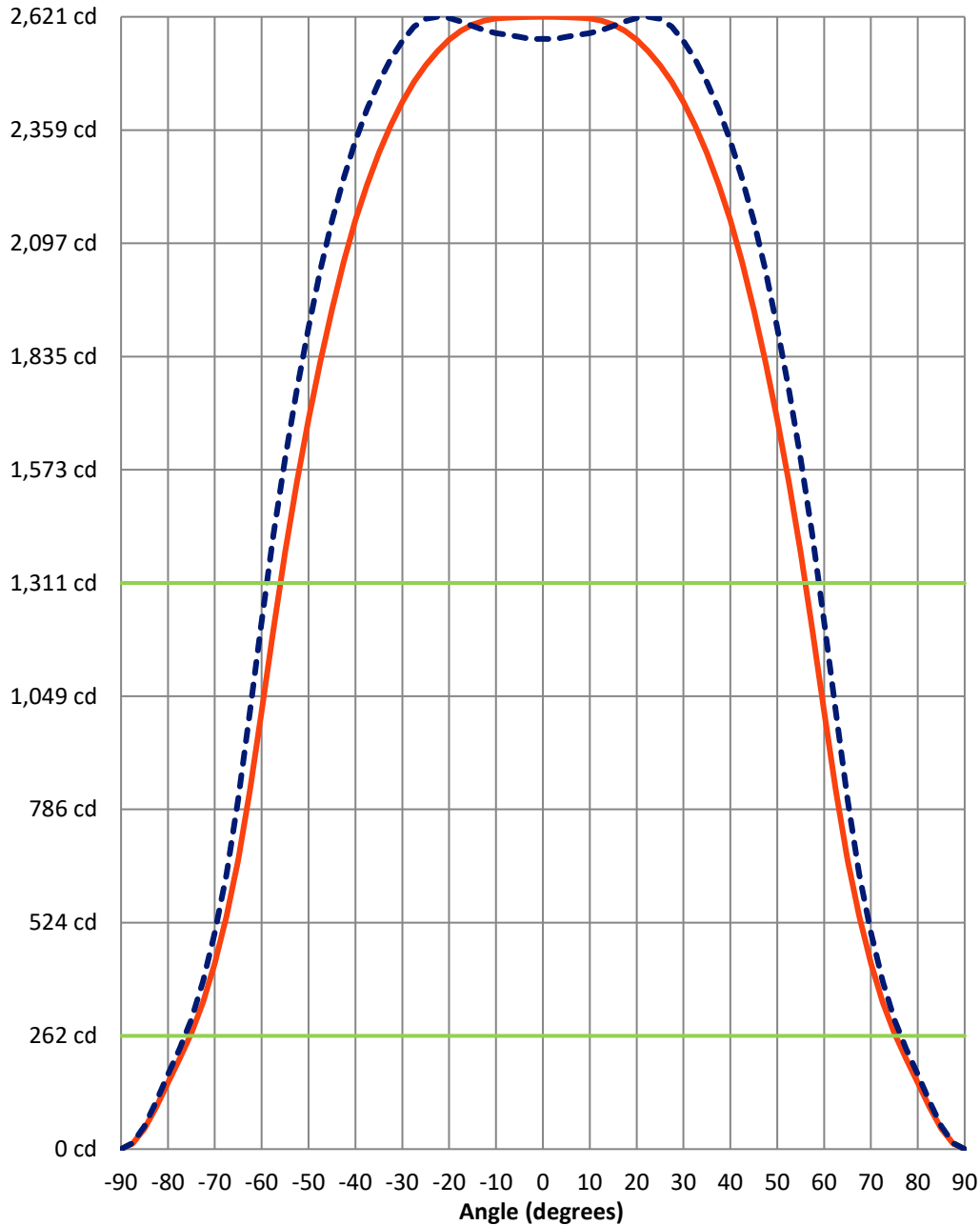
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 6673.4
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 7861.1
 Efficiency: 98.0%

Spill:
 Lumens: 157.7
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.0
85°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.6	9.8	10.9	12.1
82.5°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	12.9	15.2	20.0	24.6
80°	0.0	2.5	5.0	7.4	9.9	12.3	15.5	22.0	28.4	34.7	41.0
77.5°	0.0	3.1	6.2	9.3	12.3	17.2	25.4	33.5	41.5	49.4	58.9
75°	0.0	3.7	7.4	11.1	15.5	25.4	35.2	44.9	55.1	68.8	82.4
72.5°	0.0	4.3	8.6	12.9	22.0	33.5	44.9	57.6	73.8	89.8	105.6
70°	0.0	4.9	9.8	15.2	28.4	41.5	55.1	73.8	92.3	110.6	130.4
67.5°	0.0	5.5	10.9	20.0	34.7	49.4	68.8	89.8	110.6	133.2	155.4
65°	0.0	6.0	12.1	24.6	41.0	58.9	82.4	105.6	130.4	155.4	179.6
62.5°	0.0	6.6	13.2	29.2	47.0	70.0	95.6	122.2	149.8	176.9	202.6
60°	0.0	7.1	14.3	33.7	53.0	80.9	108.6	138.8	168.9	197.3	225.1
57.5°	0.0	7.7	17.2	38.0	61.3	91.4	122.5	155.1	186.7	217.2	249.2
55°	0.0	8.2	20.0	42.3	69.6	101.7	136.1	171.0	204.0	237.2	273.7
52.5°	0.0	8.7	22.7	46.4	77.6	111.9	149.3	185.8	220.8	258.6	297.5
50°	0.0	9.2	25.4	50.4	85.3	122.5	162.1	200.0	237.7	279.4	327.1
47.5°	0.0	9.7	28.0	54.6	92.8	132.8	174.4	213.7	255.6	299.5	356.5
45°	0.0	10.1	30.4	60.0	99.9	142.7	185.7	227.0	272.8	324.9	384.9
42.5°	0.0	10.5	32.8	65.2	106.8	152.2	196.6	240.7	289.3	349.4	418.3
40°	0.0	11.0	35.0	70.1	113.7	161.3	206.9	254.4	306.7	372.8	451.4
37.5°	0.0	11.3	37.2	74.7	120.6	169.9	216.8	267.6	326.5	396.7	482.9
35°	0.0	11.7	39.2	79.2	127.1	177.8	226.1	280.0	345.2	423.5	515.0
32.5°	0.0	12.1	41.1	83.3	133.2	185.0	235.2	291.6	362.8	448.7	548.8
30°	0.0	12.4	42.8	87.2	138.9	191.9	244.6	303.4	379.3	472.3	580.5
27.5°	0.0	12.7	44.5	90.8	144.2	198.2	253.2	316.7	396.1	494.2	610.0
25°	0.0	13.0	46.0	94.1	149.0	204.0	261.2	329.0	414.0	517.1	637.6
22.5°	0.0	13.2	47.3	97.1	153.5	209.3	268.4	340.2	430.3	539.3	669.8
20°	0.0	13.4	48.6	99.8	157.5	214.1	275.0	350.3	445.0	559.3	698.8
17.5°	0.0	13.6	49.7	102.2	161.0	218.3	280.8	359.2	458.0	577.1	724.7
15°	0.0	13.8	50.6	104.3	164.1	222.0	285.9	367.0	469.4	592.6	747.2
12.5°	0.0	14.0	51.4	106.0	166.7	225.1	290.2	373.7	479.1	605.8	766.4
10°	0.0	14.1	52.1	107.5	168.9	227.7	293.7	379.1	487.1	616.7	782.2
7.5°	0.0	14.2	52.6	108.6	170.5	229.7	296.4	383.4	493.3	625.2	794.6
5°	0.0	14.2	53.0	109.4	171.7	231.1	298.4	386.5	497.7	631.2	803.4
2.5°	0.0	14.3	53.2	109.9	172.5	232.0	299.6	388.3	500.4	634.9	808.7
0°	0.0	14.3	53.3	110.1	172.7	232.3	300.0	388.9	501.3	636.1	810.5
-2.5°	0.0	14.3	53.2	109.9	172.5	232.0	299.6	388.3	500.4	634.9	808.7
-5°	0.0	14.2	53.0	109.4	171.7	231.1	298.4	386.5	497.7	631.2	803.4
-7.5°	0.0	14.2	52.6	108.6	170.5	229.7	296.4	383.4	493.3	625.2	794.6
-10°	0.0	14.1	52.1	107.5	168.9	227.7	293.7	379.1	487.1	616.7	782.2
-12.5°	0.0	14.0	51.4	106.0	166.7	225.1	290.2	373.7	479.1	605.8	766.4
-15°	0.0	13.8	50.6	104.3	164.1	222.0	285.9	367.0	469.4	592.6	747.2
-17.5°	0.0	13.6	49.7	102.2	161.0	218.3	280.8	359.2	458.0	577.1	724.7
-20°	0.0	13.4	48.6	99.8	157.5	214.1	275.0	350.3	445.0	559.3	698.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.2	47.3	97.1	153.5	209.3	268.4	340.2	430.3	539.3	669.8
-25°	0.0	13.0	46.0	94.1	149.0	204.0	261.2	329.0	414.0	517.1	637.6
-27.5°	0.0	12.7	44.5	90.8	144.2	198.2	253.2	316.7	396.1	494.2	610.0
-30°	0.0	12.4	42.8	87.2	138.9	191.9	244.6	303.4	379.3	472.3	580.5
-32.5°	0.0	12.1	41.1	83.3	133.2	185.0	235.2	291.6	362.8	448.7	548.8
-35°	0.0	11.7	39.2	79.2	127.1	177.8	226.1	280.0	345.2	423.5	515.0
-37.5°	0.0	11.3	37.2	74.7	120.6	169.9	216.8	267.6	326.5	396.7	482.9
-40°	0.0	11.0	35.0	70.1	113.7	161.3	206.9	254.4	306.7	372.8	451.4
-42.5°	0.0	10.5	32.8	65.2	106.8	152.2	196.6	240.7	289.3	349.4	418.3
-45°	0.0	10.1	30.4	60.0	99.9	142.7	185.7	227.0	272.8	324.9	384.9
-47.5°	0.0	9.7	28.0	54.6	92.8	132.8	174.4	213.7	255.6	299.5	356.5
-50°	0.0	9.2	25.4	50.4	85.3	122.5	162.1	200.0	237.7	279.4	327.1
-52.5°	0.0	8.7	22.7	46.4	77.6	111.9	149.3	185.8	220.8	258.6	297.5
-55°	0.0	8.2	20.0	42.3	69.6	101.7	136.1	171.0	204.0	237.2	273.7
-57.5°	0.0	7.7	17.2	38.0	61.3	91.4	122.5	155.1	186.7	217.2	249.2
-60°	0.0	7.1	14.3	33.7	53.0	80.9	108.6	138.8	168.9	197.3	225.1
-62.5°	0.0	6.6	13.2	29.2	47.0	70.0	95.6	122.2	149.8	176.9	202.6
-65°	0.0	6.0	12.1	24.6	41.0	58.9	82.4	105.6	130.4	155.4	179.6
-67.5°	0.0	5.5	10.9	20.0	34.7	49.4	68.8	89.8	110.6	133.2	155.4
-70°	0.0	4.9	9.8	15.2	28.4	41.5	55.1	73.8	92.3	110.6	130.4
-72.5°	0.0	4.3	8.6	12.9	22.0	33.5	44.9	57.6	73.8	89.8	105.6
-75°	0.0	3.7	7.4	11.1	15.5	25.4	35.2	44.9	55.1	68.8	82.4
-77.5°	0.0	3.1	6.2	9.3	12.3	17.2	25.4	33.5	41.5	49.4	58.9
-80°	0.0	2.5	5.0	7.4	9.9	12.3	15.5	22.0	28.4	34.7	41.0
-82.5°	0.0	1.9	3.7	5.6	7.4	9.3	11.1	12.9	15.2	20.0	24.6
-85°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	8.6	9.8	10.9	12.1
-87.5°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.0
-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: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

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°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	11.3
85°	13.2	14.3	17.2	20.0	22.7	25.4	28.0	30.4	32.8	35.0	37.2
82.5°	29.2	33.7	38.0	42.3	46.4	50.4	54.6	60.0	65.2	70.1	74.7
80°	47.0	53.0	61.3	69.6	77.6	85.3	92.8	99.9	106.8	113.7	120.6
77.5°	70.0	80.9	91.4	101.7	111.9	122.5	132.8	142.7	152.2	161.3	169.9
75°	95.6	108.6	122.5	136.1	149.3	162.1	174.4	185.7	196.6	206.9	216.8
72.5°	122.2	138.8	155.1	171.0	185.8	200.0	213.7	227.0	240.7	254.4	267.6
70°	149.8	168.9	186.7	204.0	220.8	237.7	255.6	272.8	289.3	306.7	326.5
67.5°	176.9	197.3	217.2	237.2	258.6	279.4	299.5	324.9	349.4	372.8	396.7
65°	202.6	225.1	249.2	273.7	297.5	327.1	356.5	384.9	418.3	451.4	482.9
62.5°	227.8	255.3	282.8	312.7	347.1	380.6	419.3	458.9	497.0	539.9	581.6
60°	255.3	285.9	320.8	359.2	398.8	445.0	489.7	539.3	589.3	637.6	696.8
57.5°	282.8	320.8	363.3	409.1	460.5	512.3	570.5	626.9	694.5	762.0	829.2
55°	312.7	359.2	409.1	465.7	524.8	589.4	657.0	735.7	811.9	896.7	978.0
52.5°	347.1	398.8	460.5	524.8	595.8	673.5	760.6	850.7	945.6	1037.8	1128.2
50°	380.6	445.0	512.3	589.4	673.5	769.0	870.3	975.3	1078.9	1179.9	1274.6
47.5°	419.3	489.7	570.5	657.0	760.6	870.3	985.2	1099.5	1211.3	1315.0	1414.3
45°	458.9	539.3	626.9	735.7	850.7	975.3	1099.5	1221.8	1335.3	1442.4	1536.1
42.5°	497.0	589.3	694.5	811.9	945.6	1078.9	1211.3	1335.3	1451.6	1554.7	1648.9
40°	539.9	637.6	762.0	896.7	1037.8	1179.9	1315.0	1442.4	1554.7	1657.5	1752.8
37.5°	581.6	696.8	829.2	978.0	1128.2	1274.6	1414.3	1536.1	1648.9	1752.8	1844.3
35°	621.3	753.2	900.6	1056.8	1214.4	1363.3	1499.2	1623.3	1735.3	1836.2	1929.7
32.5°	665.4	806.4	968.1	1132.5	1293.0	1444.6	1579.3	1700.7	1812.1	1914.6	2007.4
30°	710.8	863.9	1032.3	1203.8	1366.8	1515.1	1649.6	1772.5	1883.1	1984.2	2075.2
27.5°	753.2	918.0	1093.4	1268.3	1434.3	1581.1	1713.9	1835.0	1946.1	2047.9	2136.1
25°	792.3	968.1	1150.0	1327.3	1491.0	1638.3	1772.2	1893.2	2003.7	2101.4	2187.1
22.5°	830.9	1014.0	1201.9	1381.5	1543.1	1689.3	1822.1	1943.3	2053.9	2150.7	2232.9
20°	868.4	1056.8	1247.7	1429.5	1590.5	1735.7	1867.4	1988.5	2096.1	2189.8	2271.7
17.5°	901.9	1094.9	1287.7	1468.3	1629.4	1775.3	1907.6	2029.0	2134.0	2225.0	2305.2
15°	931.1	1128.2	1322.8	1502.2	1662.9	1808.2	1940.5	2060.6	2164.9	2255.2	2334.7
12.5°	955.9	1156.6	1352.6	1531.2	1691.5	1836.4	1968.7	2087.1	2189.6	2278.8	2356.6
10°	976.4	1179.9	1377.3	1555.1	1715.1	1859.7	1992.0	2109.1	2210.2	2298.4	2374.8
7.5°	992.4	1198.2	1396.5	1573.8	1733.6	1877.9	2010.3	2126.3	2226.3	2313.9	2389.2
5°	1003.8	1211.3	1410.3	1587.2	1746.8	1891.0	2023.4	2138.7	2237.9	2325.0	2399.6
2.5°	1010.7	1219.2	1418.6	1595.3	1754.8	1898.9	2031.4	2146.2	2245.0	2331.7	2405.9
0°	1013.0	1221.8	1421.4	1598.0	1757.5	1901.5	2034.0	2148.7	2247.3	2334.0	2408.0
-2.5°	1010.7	1219.2	1418.6	1595.3	1754.8	1898.9	2031.4	2146.2	2245.0	2331.7	2405.9
-5°	1003.8	1211.3	1410.3	1587.2	1746.8	1891.0	2023.4	2138.7	2237.9	2325.0	2399.6
-7.5°	992.4	1198.2	1396.5	1573.8	1733.6	1877.9	2010.3	2126.3	2226.3	2313.9	2389.2
-10°	976.4	1179.9	1377.3	1555.1	1715.1	1859.7	1992.0	2109.1	2210.2	2298.4	2374.8
-12.5°	955.9	1156.6	1352.6	1531.2	1691.5	1836.4	1968.7	2087.1	2189.6	2278.8	2356.6
-15°	931.1	1128.2	1322.8	1502.2	1662.9	1808.2	1940.5	2060.6	2164.9	2255.2	2334.7
-17.5°	901.9	1094.9	1287.7	1468.3	1629.4	1775.3	1907.6	2029.0	2134.0	2225.0	2305.2
-20°	868.4	1056.8	1247.7	1429.5	1590.5	1735.7	1867.4	1988.5	2096.1	2189.8	2271.7

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	830.9	1014.0	1201.9	1381.5	1543.1	1689.3	1822.1	1943.3	2053.9	2150.7	2232.9
-25°	792.3	968.1	1150.0	1327.3	1491.0	1638.3	1772.2	1893.2	2003.7	2101.4	2187.1
-27.5°	753.2	918.0	1093.4	1268.3	1434.3	1581.1	1713.9	1835.0	1946.1	2047.9	2136.1
-30°	710.8	863.9	1032.3	1203.8	1366.8	1515.1	1649.6	1772.5	1883.1	1984.2	2075.2
-32.5°	665.4	806.4	968.1	1132.5	1293.0	1444.6	1579.3	1700.7	1812.1	1914.6	2007.4
-35°	621.3	753.2	900.6	1056.8	1214.4	1363.3	1499.2	1623.3	1735.3	1836.2	1929.7
-37.5°	581.6	696.8	829.2	978.0	1128.2	1274.6	1414.3	1536.1	1648.9	1752.8	1844.3
-40°	539.9	637.6	762.0	896.7	1037.8	1179.9	1315.0	1442.4	1554.7	1657.5	1752.8
-42.5°	497.0	589.3	694.5	811.9	945.6	1078.9	1211.3	1335.3	1451.6	1554.7	1648.9
-45°	458.9	539.3	626.9	735.7	850.7	975.3	1099.5	1221.8	1335.3	1442.4	1536.1
-47.5°	419.3	489.7	570.5	657.0	760.6	870.3	985.2	1099.5	1211.3	1315.0	1414.3
-50°	380.6	445.0	512.3	589.4	673.5	769.0	870.3	975.3	1078.9	1179.9	1274.6
-52.5°	347.1	398.8	460.5	524.8	595.8	673.5	760.6	850.7	945.6	1037.8	1128.2
-55°	312.7	359.2	409.1	465.7	524.8	589.4	657.0	735.7	811.9	896.7	978.0
-57.5°	282.8	320.8	363.3	409.1	460.5	512.3	570.5	626.9	694.5	762.0	829.2
-60°	255.3	285.9	320.8	359.2	398.8	445.0	489.7	539.3	589.3	637.6	696.8
-62.5°	227.8	255.3	282.8	312.7	347.1	380.6	419.3	458.9	497.0	539.9	581.6
-65°	202.6	225.1	249.2	273.7	297.5	327.1	356.5	384.9	418.3	451.4	482.9
-67.5°	176.9	197.3	217.2	237.2	258.6	279.4	299.5	324.9	349.4	372.8	396.7
-70°	149.8	168.9	186.7	204.0	220.8	237.7	255.6	272.8	289.3	306.7	326.5
-72.5°	122.2	138.8	155.1	171.0	185.8	200.0	213.7	227.0	240.7	254.4	267.6
-75°	95.6	108.6	122.5	136.1	149.3	162.1	174.4	185.7	196.6	206.9	216.8
-77.5°	70.0	80.9	91.4	101.7	111.9	122.5	132.8	142.7	152.2	161.3	169.9
-80°	47.0	53.0	61.3	69.6	77.6	85.3	92.8	99.9	106.8	113.7	120.6
-82.5°	29.2	33.7	38.0	42.3	46.4	50.4	54.6	60.0	65.2	70.1	74.7
-85°	13.2	14.3	17.2	20.0	22.7	25.4	28.0	30.4	32.8	35.0	37.2
-87.5°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	11.3
-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: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

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°	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	14.0	14.1
85°	39.2	41.1	42.8	44.5	46.0	47.3	48.6	49.7	50.6	51.4	52.1
82.5°	79.2	83.3	87.2	90.8	94.1	97.1	99.8	102.2	104.3	106.0	107.5
80°	127.1	133.2	138.9	144.2	149.0	153.5	157.5	161.0	164.1	166.7	168.9
77.5°	177.8	185.0	191.9	198.2	204.0	209.3	214.1	218.3	222.0	225.1	227.7
75°	226.1	235.2	244.6	253.2	261.2	268.4	275.0	280.8	285.9	290.2	293.7
72.5°	280.0	291.6	303.4	316.7	329.0	340.2	350.3	359.2	367.0	373.7	379.1
70°	345.2	362.8	379.3	396.1	414.0	430.3	445.0	458.0	469.4	479.1	487.1
67.5°	423.5	448.7	472.3	494.2	517.1	539.3	559.3	577.1	592.6	605.8	616.7
65°	515.0	548.8	580.5	610.0	637.6	669.8	698.8	724.7	747.2	766.4	782.2
62.5°	621.3	665.4	710.8	753.2	792.3	830.9	868.4	901.9	931.1	955.9	976.4
60°	753.2	806.4	863.9	918.0	968.1	1014.0	1056.8	1094.9	1128.2	1156.6	1179.9
57.5°	900.6	968.1	1032.3	1093.4	1150.0	1201.9	1247.7	1287.7	1322.8	1352.6	1377.3
55°	1056.8	1132.5	1203.8	1268.3	1327.3	1381.5	1429.5	1468.3	1502.2	1531.2	1555.1
52.5°	1214.4	1293.0	1366.8	1434.3	1491.0	1543.1	1590.5	1629.4	1662.9	1691.5	1715.1
50°	1363.3	1444.6	1515.1	1581.1	1638.3	1689.3	1735.7	1775.3	1808.2	1836.4	1859.7
47.5°	1499.2	1579.3	1649.6	1713.9	1772.2	1822.1	1867.4	1907.6	1940.5	1968.7	1992.0
45°	1623.3	1700.7	1772.5	1835.0	1893.2	1943.3	1988.5	2029.0	2060.6	2087.1	2109.1
42.5°	1735.3	1812.1	1883.1	1946.1	2003.7	2053.9	2096.1	2134.0	2164.9	2189.6	2210.2
40°	1836.2	1914.6	1984.2	2047.9	2101.4	2150.7	2189.8	2225.0	2255.2	2278.8	2298.4
37.5°	1929.7	2007.4	2075.2	2136.1	2187.1	2232.9	2271.7	2305.2	2334.7	2356.6	2374.8
35°	2015.2	2089.0	2156.1	2211.9	2262.4	2305.7	2343.8	2374.7	2402.1	2423.0	2439.6
32.5°	2089.0	2162.2	2224.4	2279.4	2328.8	2369.1	2405.7	2434.0	2458.8	2478.9	2494.4
30°	2156.1	2224.4	2285.1	2339.6	2384.6	2423.8	2456.7	2484.4	2507.4	2526.5	2540.1
27.5°	2211.9	2279.4	2339.6	2389.8	2432.9	2470.6	2500.8	2527.4	2547.4	2565.0	2576.7
25°	2262.4	2328.8	2384.6	2432.9	2474.6	2509.1	2537.8	2561.9	2579.7	2594.8	2603.5
22.5°	2305.7	2369.1	2423.8	2470.6	2509.1	2541.4	2568.4	2588.8	2603.4	2612.5	2617.6
20°	2343.8	2405.7	2456.7	2500.8	2537.8	2568.4	2591.9	2606.9	2617.0	2619.6	2621.0
17.5°	2374.7	2434.0	2484.4	2527.4	2561.9	2588.8	2606.9	2617.5	2620.6	2620.1	2618.6
15°	2402.1	2458.8	2507.4	2547.4	2579.7	2603.4	2617.0	2620.6	2619.7	2616.7	2611.9
12.5°	2423.0	2478.9	2526.5	2565.0	2594.8	2612.5	2619.6	2620.1	2616.7	2610.7	2604.0
10°	2439.6	2494.4	2540.1	2576.7	2603.5	2617.6	2621.0	2618.6	2611.9	2604.0	2596.6
7.5°	2452.7	2506.6	2550.9	2586.0	2609.2	2619.2	2620.0	2615.2	2607.2	2598.3	2590.3
5°	2462.2	2515.5	2558.7	2592.9	2613.3	2620.3	2619.2	2612.6	2603.4	2594.1	2586.7
2.5°	2468.0	2520.9	2563.5	2597.0	2615.8	2621.1	2618.7	2611.0	2600.9	2591.3	2584.3
0°	2469.9	2522.7	2565.1	2598.4	2616.7	2621.3	2618.5	2610.4	2600.1	2590.4	2583.5
-2.5°	2468.0	2520.9	2563.5	2597.0	2615.8	2621.1	2618.7	2611.0	2600.9	2591.3	2584.3
-5°	2462.2	2515.5	2558.7	2592.9	2613.3	2620.3	2619.2	2612.6	2603.4	2594.1	2586.7
-7.5°	2452.7	2506.6	2550.9	2586.0	2609.2	2619.2	2620.0	2615.2	2607.2	2598.3	2590.3
-10°	2439.6	2494.4	2540.1	2576.7	2603.5	2617.6	2621.0	2618.6	2611.9	2604.0	2596.6
-12.5°	2423.0	2478.9	2526.5	2565.0	2594.8	2612.5	2619.6	2620.1	2616.7	2610.7	2604.0
-15°	2402.1	2458.8	2507.4	2547.4	2579.7	2603.4	2617.0	2620.6	2619.7	2616.7	2611.9
-17.5°	2374.7	2434.0	2484.4	2527.4	2561.9	2588.8	2606.9	2617.5	2620.6	2620.1	2618.6
-20°	2343.8	2405.7	2456.7	2500.8	2537.8	2568.4	2591.9	2606.9	2617.0	2619.6	2621.0



REPORT NUMBER: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2305.7	2369.1	2423.8	2470.6	2509.1	2541.4	2568.4	2588.8	2603.4	2612.5	2617.6
-25°	2262.4	2328.8	2384.6	2432.9	2474.6	2509.1	2537.8	2561.9	2579.7	2594.8	2603.5
-27.5°	2211.9	2279.4	2339.6	2389.8	2432.9	2470.6	2500.8	2527.4	2547.4	2565.0	2576.7
-30°	2156.1	2224.4	2285.1	2339.6	2384.6	2423.8	2456.7	2484.4	2507.4	2526.5	2540.1
-32.5°	2089.0	2162.2	2224.4	2279.4	2328.8	2369.1	2405.7	2434.0	2458.8	2478.9	2494.4
-35°	2015.2	2089.0	2156.1	2211.9	2262.4	2305.7	2343.8	2374.7	2402.1	2423.0	2439.6
-37.5°	1929.7	2007.4	2075.2	2136.1	2187.1	2232.9	2271.7	2305.2	2334.7	2356.6	2374.8
-40°	1836.2	1914.6	1984.2	2047.9	2101.4	2150.7	2189.8	2225.0	2255.2	2278.8	2298.4
-42.5°	1735.3	1812.1	1883.1	1946.1	2003.7	2053.9	2096.1	2134.0	2164.9	2189.6	2210.2
-45°	1623.3	1700.7	1772.5	1835.0	1893.2	1943.3	1988.5	2029.0	2060.6	2087.1	2109.1
-47.5°	1499.2	1579.3	1649.6	1713.9	1772.2	1822.1	1867.4	1907.6	1940.5	1968.7	1992.0
-50°	1363.3	1444.6	1515.1	1581.1	1638.3	1689.3	1735.7	1775.3	1808.2	1836.4	1859.7
-52.5°	1214.4	1293.0	1366.8	1434.3	1491.0	1543.1	1590.5	1629.4	1662.9	1691.5	1715.1
-55°	1056.8	1132.5	1203.8	1268.3	1327.3	1381.5	1429.5	1468.3	1502.2	1531.2	1555.1
-57.5°	900.6	968.1	1032.3	1093.4	1150.0	1201.9	1247.7	1287.7	1322.8	1352.6	1377.3
-60°	753.2	806.4	863.9	918.0	968.1	1014.0	1056.8	1094.9	1128.2	1156.6	1179.9
-62.5°	621.3	665.4	710.8	753.2	792.3	830.9	868.4	901.9	931.1	955.9	976.4
-65°	515.0	548.8	580.5	610.0	637.6	669.8	698.8	724.7	747.2	766.4	782.2
-67.5°	423.5	448.7	472.3	494.2	517.1	539.3	559.3	577.1	592.6	605.8	616.7
-70°	345.2	362.8	379.3	396.1	414.0	430.3	445.0	458.0	469.4	479.1	487.1
-72.5°	280.0	291.6	303.4	316.7	329.0	340.2	350.3	359.2	367.0	373.7	379.1
-75°	226.1	235.2	244.6	253.2	261.2	268.4	275.0	280.8	285.9	290.2	293.7
-77.5°	177.8	185.0	191.9	198.2	204.0	209.3	214.1	218.3	222.0	225.1	227.7
-80°	127.1	133.2	138.9	144.2	149.0	153.5	157.5	161.0	164.1	166.7	168.9
-82.5°	79.2	83.3	87.2	90.8	94.1	97.1	99.8	102.2	104.3	106.0	107.5
-85°	39.2	41.1	42.8	44.5	46.0	47.3	48.6	49.7	50.6	51.4	52.1
-87.5°	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	14.0	14.1
-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: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

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°	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.1	14.0	13.8	13.6
85°	52.6	53.0	53.2	53.3	53.2	53.0	52.6	52.1	51.4	50.6	49.7
82.5°	108.6	109.4	109.9	110.1	109.9	109.4	108.6	107.5	106.0	104.3	102.2
80°	170.5	171.7	172.5	172.7	172.5	171.7	170.5	168.9	166.7	164.1	161.0
77.5°	229.7	231.1	232.0	232.3	232.0	231.1	229.7	227.7	225.1	222.0	218.3
75°	296.4	298.4	299.6	300.0	299.6	298.4	296.4	293.7	290.2	285.9	280.8
72.5°	383.4	386.5	388.3	388.9	388.3	386.5	383.4	379.1	373.7	367.0	359.2
70°	493.3	497.7	500.4	501.3	500.4	497.7	493.3	487.1	479.1	469.4	458.0
67.5°	625.2	631.2	634.9	636.1	634.9	631.2	625.2	616.7	605.8	592.6	577.1
65°	794.6	803.4	808.7	810.5	808.7	803.4	794.6	782.2	766.4	747.2	724.7
62.5°	992.4	1003.8	1010.7	1013.0	1010.7	1003.8	992.4	976.4	955.9	931.1	901.9
60°	1198.2	1211.3	1219.2	1221.8	1219.2	1211.3	1198.2	1179.9	1156.6	1128.2	1094.9
57.5°	1396.5	1410.3	1418.6	1421.4	1418.6	1410.3	1396.5	1377.3	1352.6	1322.8	1287.7
55°	1573.8	1587.2	1595.3	1598.0	1595.3	1587.2	1573.8	1555.1	1531.2	1502.2	1468.3
52.5°	1733.6	1746.8	1754.8	1757.5	1754.8	1746.8	1733.6	1715.1	1691.5	1662.9	1629.4
50°	1877.9	1891.0	1898.9	1901.5	1898.9	1891.0	1877.9	1859.7	1836.4	1808.2	1775.3
47.5°	2010.3	2023.4	2031.4	2034.0	2031.4	2023.4	2010.3	1992.0	1968.7	1940.5	1907.6
45°	2126.3	2138.7	2146.2	2148.7	2146.2	2138.7	2126.3	2109.1	2087.1	2060.6	2029.0
42.5°	2226.3	2237.9	2245.0	2247.3	2245.0	2237.9	2226.3	2210.2	2189.6	2164.9	2134.0
40°	2313.9	2325.0	2331.7	2334.0	2331.7	2325.0	2313.9	2298.4	2278.8	2255.2	2225.0
37.5°	2389.2	2399.6	2405.9	2408.0	2405.9	2399.6	2389.2	2374.8	2356.6	2334.7	2305.2
35°	2452.7	2462.2	2468.0	2469.9	2468.0	2462.2	2452.7	2439.6	2423.0	2402.1	2374.7
32.5°	2506.6	2515.5	2520.9	2522.7	2520.9	2515.5	2506.6	2494.4	2478.9	2458.8	2434.0
30°	2550.9	2558.7	2563.5	2565.1	2563.5	2558.7	2550.9	2540.1	2526.5	2507.4	2484.4
27.5°	2586.0	2592.9	2597.0	2598.4	2597.0	2592.9	2586.0	2576.7	2565.0	2547.4	2527.4
25°	2609.2	2613.3	2615.8	2616.7	2615.8	2613.3	2609.2	2603.5	2594.8	2579.7	2561.9
22.5°	2619.2	2620.3	2621.1	2621.3	2621.1	2620.3	2619.2	2617.6	2612.5	2603.4	2588.8
20°	2620.0	2619.2	2618.7	2618.5	2618.7	2619.2	2620.0	2621.0	2619.6	2617.0	2606.9
17.5°	2615.2	2612.6	2611.0	2610.4	2611.0	2612.6	2615.2	2618.6	2620.1	2620.6	2617.5
15°	2607.2	2603.4	2600.9	2600.1	2600.9	2603.4	2607.2	2611.9	2616.7	2619.7	2620.6
12.5°	2598.3	2594.1	2591.3	2590.4	2591.3	2594.1	2598.3	2604.0	2610.7	2616.7	2620.1
10°	2590.3	2586.7	2584.3	2583.5	2584.3	2586.7	2590.3	2596.6	2604.0	2611.9	2618.6
7.5°	2585.1	2581.9	2580.1	2579.5	2580.1	2581.9	2585.1	2590.3	2598.3	2607.2	2615.2
5°	2581.9	2578.7	2576.0	2574.9	2576.0	2578.7	2581.9	2586.7	2594.1	2603.4	2612.6
2.5°	2580.1	2576.0	2571.9	2569.7	2571.9	2576.0	2580.1	2584.3	2591.3	2600.9	2611.0
0°	2579.5	2574.9	2569.7	2570.3	2569.7	2574.9	2579.5	2583.5	2590.4	2600.1	2610.4
-2.5°	2580.1	2576.0	2571.9	2569.7	2571.9	2576.0	2580.1	2584.3	2591.3	2600.9	2611.0
-5°	2581.9	2578.7	2576.0	2574.9	2576.0	2578.7	2581.9	2586.7	2594.1	2603.4	2612.6
-7.5°	2585.1	2581.9	2580.1	2579.5	2580.1	2581.9	2585.1	2590.3	2598.3	2607.2	2615.2
-10°	2590.3	2586.7	2584.3	2583.5	2584.3	2586.7	2590.3	2596.6	2604.0	2611.9	2618.6
-12.5°	2598.3	2594.1	2591.3	2590.4	2591.3	2594.1	2598.3	2604.0	2610.7	2616.7	2620.1
-15°	2607.2	2603.4	2600.9	2600.1	2600.9	2603.4	2607.2	2611.9	2616.7	2619.7	2620.6
-17.5°	2615.2	2612.6	2611.0	2610.4	2611.0	2612.6	2615.2	2618.6	2620.1	2620.6	2617.5
-20°	2620.0	2619.2	2618.7	2618.5	2618.7	2619.2	2620.0	2621.0	2619.6	2617.0	2606.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2619.2	2620.3	2621.1	2621.3	2621.1	2620.3	2619.2	2617.6	2612.5	2603.4	2588.8
-25°	2609.2	2613.3	2615.8	2616.7	2615.8	2613.3	2609.2	2603.5	2594.8	2579.7	2561.9
-27.5°	2586.0	2592.9	2597.0	2598.4	2597.0	2592.9	2586.0	2576.7	2565.0	2547.4	2527.4
-30°	2550.9	2558.7	2563.5	2565.1	2563.5	2558.7	2550.9	2540.1	2526.5	2507.4	2484.4
-32.5°	2506.6	2515.5	2520.9	2522.7	2520.9	2515.5	2506.6	2494.4	2478.9	2458.8	2434.0
-35°	2452.7	2462.2	2468.0	2469.9	2468.0	2462.2	2452.7	2439.6	2423.0	2402.1	2374.7
-37.5°	2389.2	2399.6	2405.9	2408.0	2405.9	2399.6	2389.2	2374.8	2356.6	2334.7	2305.2
-40°	2313.9	2325.0	2331.7	2334.0	2331.7	2325.0	2313.9	2298.4	2278.8	2255.2	2225.0
-42.5°	2226.3	2237.9	2245.0	2247.3	2245.0	2237.9	2226.3	2210.2	2189.6	2164.9	2134.0
-45°	2126.3	2138.7	2146.2	2148.7	2146.2	2138.7	2126.3	2109.1	2087.1	2060.6	2029.0
-47.5°	2010.3	2023.4	2031.4	2034.0	2031.4	2023.4	2010.3	1992.0	1968.7	1940.5	1907.6
-50°	1877.9	1891.0	1898.9	1901.5	1898.9	1891.0	1877.9	1859.7	1836.4	1808.2	1775.3
-52.5°	1733.6	1746.8	1754.8	1757.5	1754.8	1746.8	1733.6	1715.1	1691.5	1662.9	1629.4
-55°	1573.8	1587.2	1595.3	1598.0	1595.3	1587.2	1573.8	1555.1	1531.2	1502.2	1468.3
-57.5°	1396.5	1410.3	1418.6	1421.4	1418.6	1410.3	1396.5	1377.3	1352.6	1322.8	1287.7
-60°	1198.2	1211.3	1219.2	1221.8	1219.2	1211.3	1198.2	1179.9	1156.6	1128.2	1094.9
-62.5°	992.4	1003.8	1010.7	1013.0	1010.7	1003.8	992.4	976.4	955.9	931.1	901.9
-65°	794.6	803.4	808.7	810.5	808.7	803.4	794.6	782.2	766.4	747.2	724.7
-67.5°	625.2	631.2	634.9	636.1	634.9	631.2	625.2	616.7	605.8	592.6	577.1
-70°	493.3	497.7	500.4	501.3	500.4	497.7	493.3	487.1	479.1	469.4	458.0
-72.5°	383.4	386.5	388.3	388.9	388.3	386.5	383.4	379.1	373.7	367.0	359.2
-75°	296.4	298.4	299.6	300.0	299.6	298.4	296.4	293.7	290.2	285.9	280.8
-77.5°	229.7	231.1	232.0	232.3	232.0	231.1	229.7	227.7	225.1	222.0	218.3
-80°	170.5	171.7	172.5	172.7	172.5	171.7	170.5	168.9	166.7	164.1	161.0
-82.5°	108.6	109.4	109.9	110.1	109.9	109.4	108.6	107.5	106.0	104.3	102.2
-85°	52.6	53.0	53.2	53.3	53.2	53.0	52.6	52.1	51.4	50.6	49.7
-87.5°	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.1	14.0	13.8	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: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

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°	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.3	11.0	10.5	10.1
85°	48.6	47.3	46.0	44.5	42.8	41.1	39.2	37.2	35.0	32.8	30.4
82.5°	99.8	97.1	94.1	90.8	87.2	83.3	79.2	74.7	70.1	65.2	60.0
80°	157.5	153.5	149.0	144.2	138.9	133.2	127.1	120.6	113.7	106.8	99.9
77.5°	214.1	209.3	204.0	198.2	191.9	185.0	177.8	169.9	161.3	152.2	142.7
75°	275.0	268.4	261.2	253.2	244.6	235.2	226.1	216.8	206.9	196.6	185.7
72.5°	350.3	340.2	329.0	316.7	303.4	291.6	280.0	267.6	254.4	240.7	227.0
70°	445.0	430.3	414.0	396.1	379.3	362.8	345.2	326.5	306.7	289.3	272.8
67.5°	559.3	539.3	517.1	494.2	472.3	448.7	423.5	396.7	372.8	349.4	324.9
65°	698.8	669.8	637.6	610.0	580.5	548.8	515.0	482.9	451.4	418.3	384.9
62.5°	868.4	830.9	792.3	753.2	710.8	665.4	621.3	581.6	539.9	497.0	458.9
60°	1056.8	1014.0	968.1	918.0	863.9	806.4	753.2	696.8	637.6	589.3	539.3
57.5°	1247.7	1201.9	1150.0	1093.4	1032.3	968.1	900.6	829.2	762.0	694.5	626.9
55°	1429.5	1381.5	1327.3	1268.3	1203.8	1132.5	1056.8	978.0	896.7	811.9	735.7
52.5°	1590.5	1543.1	1491.0	1434.3	1366.8	1293.0	1214.4	1128.2	1037.8	945.6	850.7
50°	1735.7	1689.3	1638.3	1581.1	1515.1	1444.6	1363.3	1274.6	1179.9	1078.9	975.3
47.5°	1867.4	1822.1	1772.2	1713.9	1649.6	1579.3	1499.2	1414.3	1315.0	1211.3	1099.5
45°	1988.5	1943.3	1893.2	1835.0	1772.5	1700.7	1623.3	1536.1	1442.4	1335.3	1221.8
42.5°	2096.1	2053.9	2003.7	1946.1	1883.1	1812.1	1735.3	1648.9	1554.7	1451.6	1335.3
40°	2189.8	2150.7	2101.4	2047.9	1984.2	1914.6	1836.2	1752.8	1657.5	1554.7	1442.4
37.5°	2271.7	2232.9	2187.1	2136.1	2075.2	2007.4	1929.7	1844.3	1752.8	1648.9	1536.1
35°	2343.8	2305.7	2262.4	2211.9	2156.1	2089.0	2015.2	1929.7	1836.2	1735.3	1623.3
32.5°	2405.7	2369.1	2328.8	2279.4	2224.4	2162.2	2089.0	2007.4	1914.6	1812.1	1700.7
30°	2456.7	2423.8	2384.6	2339.6	2285.1	2224.4	2156.1	2075.2	1984.2	1883.1	1772.5
27.5°	2500.8	2470.6	2432.9	2389.8	2339.6	2279.4	2211.9	2136.1	2047.9	1946.1	1835.0
25°	2537.8	2509.1	2474.6	2432.9	2384.6	2328.8	2262.4	2187.1	2101.4	2003.7	1893.2
22.5°	2568.4	2541.4	2509.1	2470.6	2423.8	2369.1	2305.7	2232.9	2150.7	2053.9	1943.3
20°	2591.9	2568.4	2537.8	2500.8	2456.7	2405.7	2343.8	2271.7	2189.8	2096.1	1988.5
17.5°	2606.9	2588.8	2561.9	2527.4	2484.4	2434.0	2374.7	2305.2	2225.0	2134.0	2029.0
15°	2617.0	2603.4	2579.7	2547.4	2507.4	2458.8	2402.1	2334.7	2255.2	2164.9	2060.6
12.5°	2619.6	2612.5	2594.8	2565.0	2526.5	2478.9	2423.0	2356.6	2278.8	2189.6	2087.1
10°	2621.0	2617.6	2603.5	2576.7	2540.1	2494.4	2439.6	2374.8	2298.4	2210.2	2109.1
7.5°	2620.0	2619.2	2609.2	2586.0	2550.9	2506.6	2452.7	2389.2	2313.9	2226.3	2126.3
5°	2619.2	2620.3	2613.3	2592.9	2558.7	2515.5	2462.2	2399.6	2325.0	2237.9	2138.7
2.5°	2618.7	2621.1	2615.8	2597.0	2563.5	2520.9	2468.0	2405.9	2331.7	2245.0	2146.2
0°	2618.5	2621.3	2616.7	2598.4	2565.1	2522.7	2469.9	2408.0	2334.0	2247.3	2148.7
-2.5°	2618.7	2621.1	2615.8	2597.0	2563.5	2520.9	2468.0	2405.9	2331.7	2245.0	2146.2
-5°	2619.2	2620.3	2613.3	2592.9	2558.7	2515.5	2462.2	2399.6	2325.0	2237.9	2138.7
-7.5°	2620.0	2619.2	2609.2	2586.0	2550.9	2506.6	2452.7	2389.2	2313.9	2226.3	2126.3
-10°	2621.0	2617.6	2603.5	2576.7	2540.1	2494.4	2439.6	2374.8	2298.4	2210.2	2109.1
-12.5°	2619.6	2612.5	2594.8	2565.0	2526.5	2478.9	2423.0	2356.6	2278.8	2189.6	2087.1
-15°	2617.0	2603.4	2579.7	2547.4	2507.4	2458.8	2402.1	2334.7	2255.2	2164.9	2060.6
-17.5°	2606.9	2588.8	2561.9	2527.4	2484.4	2434.0	2374.7	2305.2	2225.0	2134.0	2029.0
-20°	2591.9	2568.4	2537.8	2500.8	2456.7	2405.7	2343.8	2271.7	2189.8	2096.1	1988.5



REPORT NUMBER: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2568.4	2541.4	2509.1	2470.6	2423.8	2369.1	2305.7	2232.9	2150.7	2053.9	1943.3
-25°	2537.8	2509.1	2474.6	2432.9	2384.6	2328.8	2262.4	2187.1	2101.4	2003.7	1893.2
-27.5°	2500.8	2470.6	2432.9	2389.8	2339.6	2279.4	2211.9	2136.1	2047.9	1946.1	1835.0
-30°	2456.7	2423.8	2384.6	2339.6	2285.1	2224.4	2156.1	2075.2	1984.2	1883.1	1772.5
-32.5°	2405.7	2369.1	2328.8	2279.4	2224.4	2162.2	2089.0	2007.4	1914.6	1812.1	1700.7
-35°	2343.8	2305.7	2262.4	2211.9	2156.1	2089.0	2015.2	1929.7	1836.2	1735.3	1623.3
-37.5°	2271.7	2232.9	2187.1	2136.1	2075.2	2007.4	1929.7	1844.3	1752.8	1648.9	1536.1
-40°	2189.8	2150.7	2101.4	2047.9	1984.2	1914.6	1836.2	1752.8	1657.5	1554.7	1442.4
-42.5°	2096.1	2053.9	2003.7	1946.1	1883.1	1812.1	1735.3	1648.9	1554.7	1451.6	1335.3
-45°	1988.5	1943.3	1893.2	1835.0	1772.5	1700.7	1623.3	1536.1	1442.4	1335.3	1221.8
-47.5°	1867.4	1822.1	1772.2	1713.9	1649.6	1579.3	1499.2	1414.3	1315.0	1211.3	1099.5
-50°	1735.7	1689.3	1638.3	1581.1	1515.1	1444.6	1363.3	1274.6	1179.9	1078.9	975.3
-52.5°	1590.5	1543.1	1491.0	1434.3	1366.8	1293.0	1214.4	1128.2	1037.8	945.6	850.7
-55°	1429.5	1381.5	1327.3	1268.3	1203.8	1132.5	1056.8	978.0	896.7	811.9	735.7
-57.5°	1247.7	1201.9	1150.0	1093.4	1032.3	968.1	900.6	829.2	762.0	694.5	626.9
-60°	1056.8	1014.0	968.1	918.0	863.9	806.4	753.2	696.8	637.6	589.3	539.3
-62.5°	868.4	830.9	792.3	753.2	710.8	665.4	621.3	581.6	539.9	497.0	458.9
-65°	698.8	669.8	637.6	610.0	580.5	548.8	515.0	482.9	451.4	418.3	384.9
-67.5°	559.3	539.3	517.1	494.2	472.3	448.7	423.5	396.7	372.8	349.4	324.9
-70°	445.0	430.3	414.0	396.1	379.3	362.8	345.2	326.5	306.7	289.3	272.8
-72.5°	350.3	340.2	329.0	316.7	303.4	291.6	280.0	267.6	254.4	240.7	227.0
-75°	275.0	268.4	261.2	253.2	244.6	235.2	226.1	216.8	206.9	196.6	185.7
-77.5°	214.1	209.3	204.0	198.2	191.9	185.0	177.8	169.9	161.3	152.2	142.7
-80°	157.5	153.5	149.0	144.2	138.9	133.2	127.1	120.6	113.7	106.8	99.9
-82.5°	99.8	97.1	94.1	90.8	87.2	83.3	79.2	74.7	70.1	65.2	60.0
-85°	48.6	47.3	46.0	44.5	42.8	41.1	39.2	37.2	35.0	32.8	30.4
-87.5°	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.3	11.0	10.5	10.1
-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: P645354 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-LAM-XX

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°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
85°	28.0	25.4	22.7	20.0	17.2	14.3	13.2	12.1	10.9	9.8	8.6
82.5°	54.6	50.4	46.4	42.3	38.0	33.7	29.2	24.6	20.0	15.2	12.9
80°	92.8	85.3	77.6	69.6	61.3	53.0	47.0	41.0	34.7	28.4	22.0
77.5°	132.8	122.5	111.9	101.7	91.4	80.9	70.0	58.9	49.4	41.5	33.5
75°	174.4	162.1	149.3	136.1	122.5	108.6	95.6	82.4	68.8	55.1	44.9
72.5°	213.7	200.0	185.8	171.0	155.1	138.8	122.2	105.6	89.8	73.8	57.6
70°	255.6	237.7	220.8	204.0	186.7	168.9	149.8	130.4	110.6	92.3	73.8
67.5°	299.5	279.4	258.6	237.2	217.2	197.3	176.9	155.4	133.2	110.6	89.8
65°	356.5	327.1	297.5	273.7	249.2	225.1	202.6	179.6	155.4	130.4	105.6
62.5°	419.3	380.6	347.1	312.7	282.8	255.3	227.8	202.6	176.9	149.8	122.2
60°	489.7	445.0	398.8	359.2	320.8	285.9	255.3	225.1	197.3	168.9	138.8
57.5°	570.5	512.3	460.5	409.1	363.3	320.8	282.8	249.2	217.2	186.7	155.1
55°	657.0	589.4	524.8	465.7	409.1	359.2	312.7	273.7	237.2	204.0	171.0
52.5°	760.6	673.5	595.8	524.8	460.5	398.8	347.1	297.5	258.6	220.8	185.8
50°	870.3	769.0	673.5	589.4	512.3	445.0	380.6	327.1	279.4	237.7	200.0
47.5°	985.2	870.3	760.6	657.0	570.5	489.7	419.3	356.5	299.5	255.6	213.7
45°	1099.5	975.3	850.7	735.7	626.9	539.3	458.9	384.9	324.9	272.8	227.0
42.5°	1211.3	1078.9	945.6	811.9	694.5	589.3	497.0	418.3	349.4	289.3	240.7
40°	1315.0	1179.9	1037.8	896.7	762.0	637.6	539.9	451.4	372.8	306.7	254.4
37.5°	1414.3	1274.6	1128.2	978.0	829.2	696.8	581.6	482.9	396.7	326.5	267.6
35°	1499.2	1363.3	1214.4	1056.8	900.6	753.2	621.3	515.0	423.5	345.2	280.0
32.5°	1579.3	1444.6	1293.0	1132.5	968.1	806.4	665.4	548.8	448.7	362.8	291.6
30°	1649.6	1515.1	1366.8	1203.8	1032.3	863.9	710.8	580.5	472.3	379.3	303.4
27.5°	1713.9	1581.1	1434.3	1268.3	1093.4	918.0	753.2	610.0	494.2	396.1	316.7
25°	1772.2	1638.3	1491.0	1327.3	1150.0	968.1	792.3	637.6	517.1	414.0	329.0
22.5°	1822.1	1689.3	1543.1	1381.5	1201.9	1014.0	830.9	669.8	539.3	430.3	340.2
20°	1867.4	1735.7	1590.5	1429.5	1247.7	1056.8	868.4	698.8	559.3	445.0	350.3
17.5°	1907.6	1775.3	1629.4	1468.3	1287.7	1094.9	901.9	724.7	577.1	458.0	359.2
15°	1940.5	1808.2	1662.9	1502.2	1322.8	1128.2	931.1	747.2	592.6	469.4	367.0
12.5°	1968.7	1836.4	1691.5	1531.2	1352.6	1156.6	955.9	766.4	605.8	479.1	373.7
10°	1992.0	1859.7	1715.1	1555.1	1377.3	1179.9	976.4	782.2	616.7	487.1	379.1
7.5°	2010.3	1877.9	1733.6	1573.8	1396.5	1198.2	992.4	794.6	625.2	493.3	383.4
5°	2023.4	1891.0	1746.8	1587.2	1410.3	1211.3	1003.8	803.4	631.2	497.7	386.5
2.5°	2031.4	1898.9	1754.8	1595.3	1418.6	1219.2	1010.7	808.7	634.9	500.4	388.3
0°	2034.0	1901.5	1757.5	1598.0	1421.4	1221.8	1013.0	810.5	636.1	501.3	388.9
-2.5°	2031.4	1898.9	1754.8	1595.3	1418.6	1219.2	1010.7	808.7	634.9	500.4	388.3
-5°	2023.4	1891.0	1746.8	1587.2	1410.3	1211.3	1003.8	803.4	631.2	497.7	386.5
-7.5°	2010.3	1877.9	1733.6	1573.8	1396.5	1198.2	992.4	794.6	625.2	493.3	383.4
-10°	1992.0	1859.7	1715.1	1555.1	1377.3	1179.9	976.4	782.2	616.7	487.1	379.1
-12.5°	1968.7	1836.4	1691.5	1531.2	1352.6	1156.6	955.9	766.4	605.8	479.1	373.7
-15°	1940.5	1808.2	1662.9	1502.2	1322.8	1128.2	931.1	747.2	592.6	469.4	367.0
-17.5°	1907.6	1775.3	1629.4	1468.3	1287.7	1094.9	901.9	724.7	577.1	458.0	359.2
-20°	1867.4	1735.7	1590.5	1429.5	1247.7	1056.8	868.4	698.8	559.3	445.0	350.3



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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°	1822.1	1689.3	1543.1	1381.5	1201.9	1014.0	830.9	669.8	539.3	430.3	340.2
-25°	1772.2	1638.3	1491.0	1327.3	1150.0	968.1	792.3	637.6	517.1	414.0	329.0
-27.5°	1713.9	1581.1	1434.3	1268.3	1093.4	918.0	753.2	610.0	494.2	396.1	316.7
-30°	1649.6	1515.1	1366.8	1203.8	1032.3	863.9	710.8	580.5	472.3	379.3	303.4
-32.5°	1579.3	1444.6	1293.0	1132.5	968.1	806.4	665.4	548.8	448.7	362.8	291.6
-35°	1499.2	1363.3	1214.4	1056.8	900.6	753.2	621.3	515.0	423.5	345.2	280.0
-37.5°	1414.3	1274.6	1128.2	978.0	829.2	696.8	581.6	482.9	396.7	326.5	267.6
-40°	1315.0	1179.9	1037.8	896.7	762.0	637.6	539.9	451.4	372.8	306.7	254.4
-42.5°	1211.3	1078.9	945.6	811.9	694.5	589.3	497.0	418.3	349.4	289.3	240.7
-45°	1099.5	975.3	850.7	735.7	626.9	539.3	458.9	384.9	324.9	272.8	227.0
-47.5°	985.2	870.3	760.6	657.0	570.5	489.7	419.3	356.5	299.5	255.6	213.7
-50°	870.3	769.0	673.5	589.4	512.3	445.0	380.6	327.1	279.4	237.7	200.0
-52.5°	760.6	673.5	595.8	524.8	460.5	398.8	347.1	297.5	258.6	220.8	185.8
-55°	657.0	589.4	524.8	465.7	409.1	359.2	312.7	273.7	237.2	204.0	171.0
-57.5°	570.5	512.3	460.5	409.1	363.3	320.8	282.8	249.2	217.2	186.7	155.1
-60°	489.7	445.0	398.8	359.2	320.8	285.9	255.3	225.1	197.3	168.9	138.8
-62.5°	419.3	380.6	347.1	312.7	282.8	255.3	227.8	202.6	176.9	149.8	122.2
-65°	356.5	327.1	297.5	273.7	249.2	225.1	202.6	179.6	155.4	130.4	105.6
-67.5°	299.5	279.4	258.6	237.2	217.2	197.3	176.9	155.4	133.2	110.6	89.8
-70°	255.6	237.7	220.8	204.0	186.7	168.9	149.8	130.4	110.6	92.3	73.8
-72.5°	213.7	200.0	185.8	171.0	155.1	138.8	122.2	105.6	89.8	73.8	57.6
-75°	174.4	162.1	149.3	136.1	122.5	108.6	95.6	82.4	68.8	55.1	44.9
-77.5°	132.8	122.5	111.9	101.7	91.4	80.9	70.0	58.9	49.4	41.5	33.5
-80°	92.8	85.3	77.6	69.6	61.3	53.0	47.0	41.0	34.7	28.4	22.0
-82.5°	54.6	50.4	46.4	42.3	38.0	33.7	29.2	24.6	20.0	15.2	12.9
-85°	28.0	25.4	22.7	20.0	17.2	14.3	13.2	12.1	10.9	9.8	8.6
-87.5°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
-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°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
85°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
82.5°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
80°	15.5	12.3	9.9	7.4	5.0	2.5	0.0
77.5°	25.4	17.2	12.3	9.3	6.2	3.1	0.0
75°	35.2	25.4	15.5	11.1	7.4	3.7	0.0
72.5°	44.9	33.5	22.0	12.9	8.6	4.3	0.0
70°	55.1	41.5	28.4	15.2	9.8	4.9	0.0
67.5°	68.8	49.4	34.7	20.0	10.9	5.5	0.0
65°	82.4	58.9	41.0	24.6	12.1	6.0	0.0
62.5°	95.6	70.0	47.0	29.2	13.2	6.6	0.0
60°	108.6	80.9	53.0	33.7	14.3	7.1	0.0
57.5°	122.5	91.4	61.3	38.0	17.2	7.7	0.0
55°	136.1	101.7	69.6	42.3	20.0	8.2	0.0
52.5°	149.3	111.9	77.6	46.4	22.7	8.7	0.0
50°	162.1	122.5	85.3	50.4	25.4	9.2	0.0
47.5°	174.4	132.8	92.8	54.6	28.0	9.7	0.0
45°	185.7	142.7	99.9	60.0	30.4	10.1	0.0
42.5°	196.6	152.2	106.8	65.2	32.8	10.5	0.0
40°	206.9	161.3	113.7	70.1	35.0	11.0	0.0
37.5°	216.8	169.9	120.6	74.7	37.2	11.3	0.0
35°	226.1	177.8	127.1	79.2	39.2	11.7	0.0
32.5°	235.2	185.0	133.2	83.3	41.1	12.1	0.0
30°	244.6	191.9	138.9	87.2	42.8	12.4	0.0
27.5°	253.2	198.2	144.2	90.8	44.5	12.7	0.0
25°	261.2	204.0	149.0	94.1	46.0	13.0	0.0
22.5°	268.4	209.3	153.5	97.1	47.3	13.2	0.0
20°	275.0	214.1	157.5	99.8	48.6	13.4	0.0
17.5°	280.8	218.3	161.0	102.2	49.7	13.6	0.0
15°	285.9	222.0	164.1	104.3	50.6	13.8	0.0
12.5°	290.2	225.1	166.7	106.0	51.4	14.0	0.0
10°	293.7	227.7	168.9	107.5	52.1	14.1	0.0
7.5°	296.4	229.7	170.5	108.6	52.6	14.2	0.0
5°	298.4	231.1	171.7	109.4	53.0	14.2	0.0
2.5°	299.6	232.0	172.5	109.9	53.2	14.3	0.0
0°	300.0	232.3	172.7	110.1	53.3	14.3	0.0
-2.5°	299.6	232.0	172.5	109.9	53.2	14.3	0.0
-5°	298.4	231.1	171.7	109.4	53.0	14.2	0.0
-7.5°	296.4	229.7	170.5	108.6	52.6	14.2	0.0
-10°	293.7	227.7	168.9	107.5	52.1	14.1	0.0
-12.5°	290.2	225.1	166.7	106.0	51.4	14.0	0.0
-15°	285.9	222.0	164.1	104.3	50.6	13.8	0.0
-17.5°	280.8	218.3	161.0	102.2	49.7	13.6	0.0
-20°	275.0	214.1	157.5	99.8	48.6	13.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	268.4	209.3	153.5	97.1	47.3	13.2	0.0
-25°	261.2	204.0	149.0	94.1	46.0	13.0	0.0
-27.5°	253.2	198.2	144.2	90.8	44.5	12.7	0.0
-30°	244.6	191.9	138.9	87.2	42.8	12.4	0.0
-32.5°	235.2	185.0	133.2	83.3	41.1	12.1	0.0
-35°	226.1	177.8	127.1	79.2	39.2	11.7	0.0
-37.5°	216.8	169.9	120.6	74.7	37.2	11.3	0.0
-40°	206.9	161.3	113.7	70.1	35.0	11.0	0.0
-42.5°	196.6	152.2	106.8	65.2	32.8	10.5	0.0
-45°	185.7	142.7	99.9	60.0	30.4	10.1	0.0
-47.5°	174.4	132.8	92.8	54.6	28.0	9.7	0.0
-50°	162.1	122.5	85.3	50.4	25.4	9.2	0.0
-52.5°	149.3	111.9	77.6	46.4	22.7	8.7	0.0
-55°	136.1	101.7	69.6	42.3	20.0	8.2	0.0
-57.5°	122.5	91.4	61.3	38.0	17.2	7.7	0.0
-60°	108.6	80.9	53.0	33.7	14.3	7.1	0.0
-62.5°	95.6	70.0	47.0	29.2	13.2	6.6	0.0
-65°	82.4	58.9	41.0	24.6	12.1	6.0	0.0
-67.5°	68.8	49.4	34.7	20.0	10.9	5.5	0.0
-70°	55.1	41.5	28.4	15.2	9.8	4.9	0.0
-72.5°	44.9	33.5	22.0	12.9	8.6	4.3	0.0
-75°	35.2	25.4	15.5	11.1	7.4	3.7	0.0
-77.5°	25.4	17.2	12.3	9.3	6.2	3.1	0.0
-80°	15.5	12.3	9.9	7.4	5.0	2.5	0.0
-82.5°	11.1	9.3	7.4	5.6	3.7	1.9	0.0
-85°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
-87.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)