

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: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6D-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645582 (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-SA6D-750-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, LAMBERTIAN
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

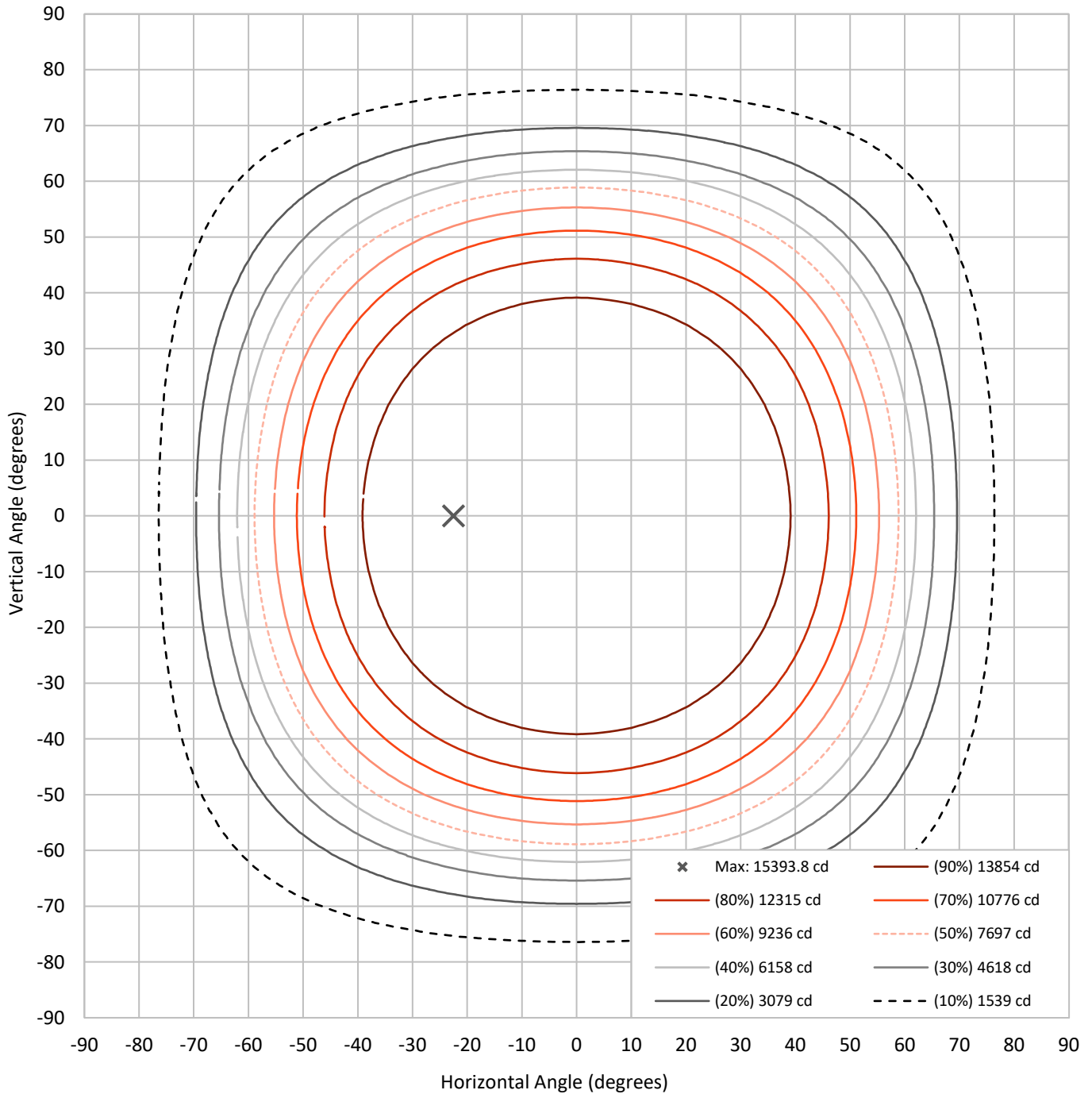
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	47090.5 lumens	Max Intensity:	15393.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	144.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	39189.6 lumens	Field Lumens:	46164.4 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	325.9		
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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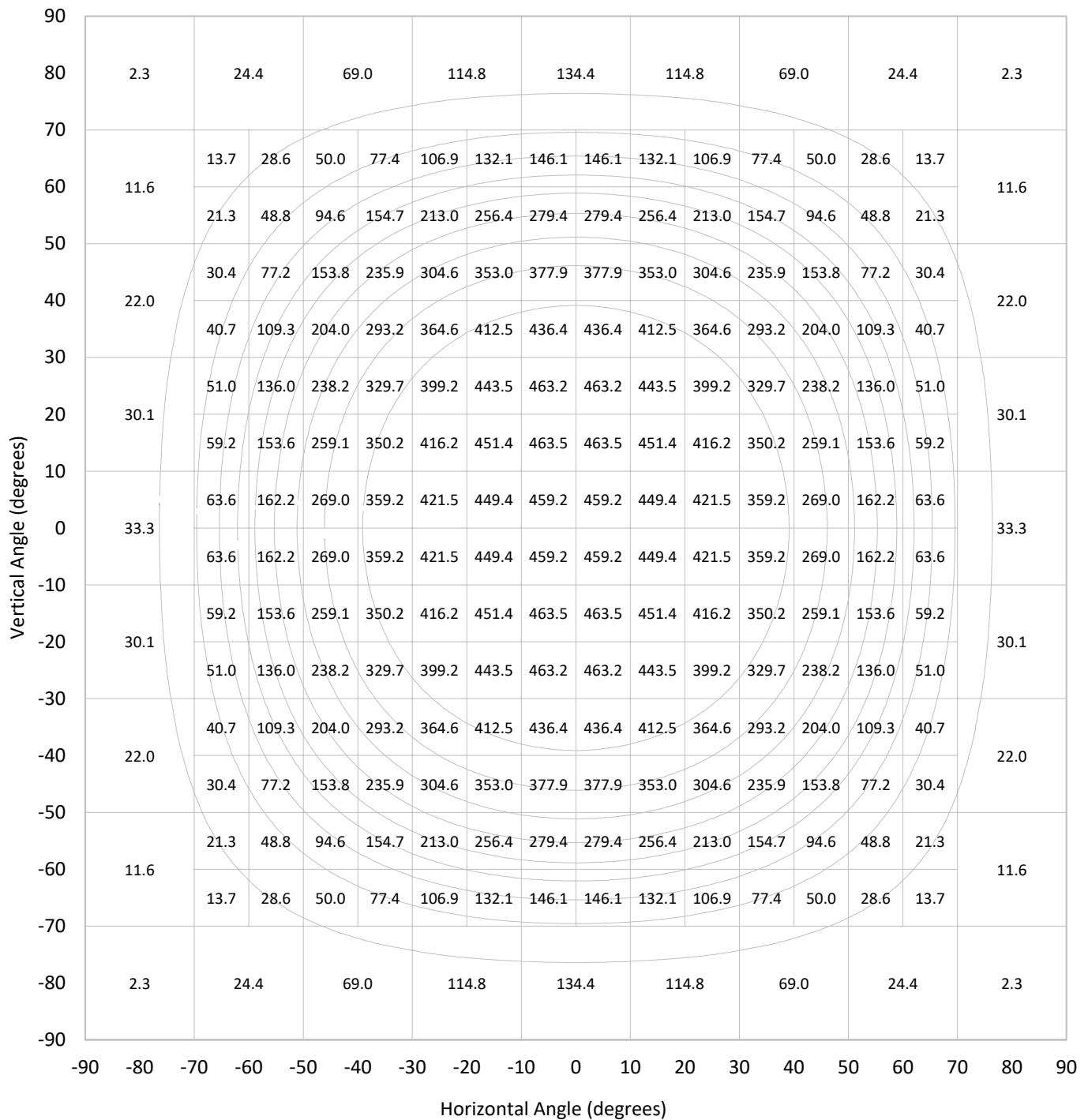
Iso-Candela Plot





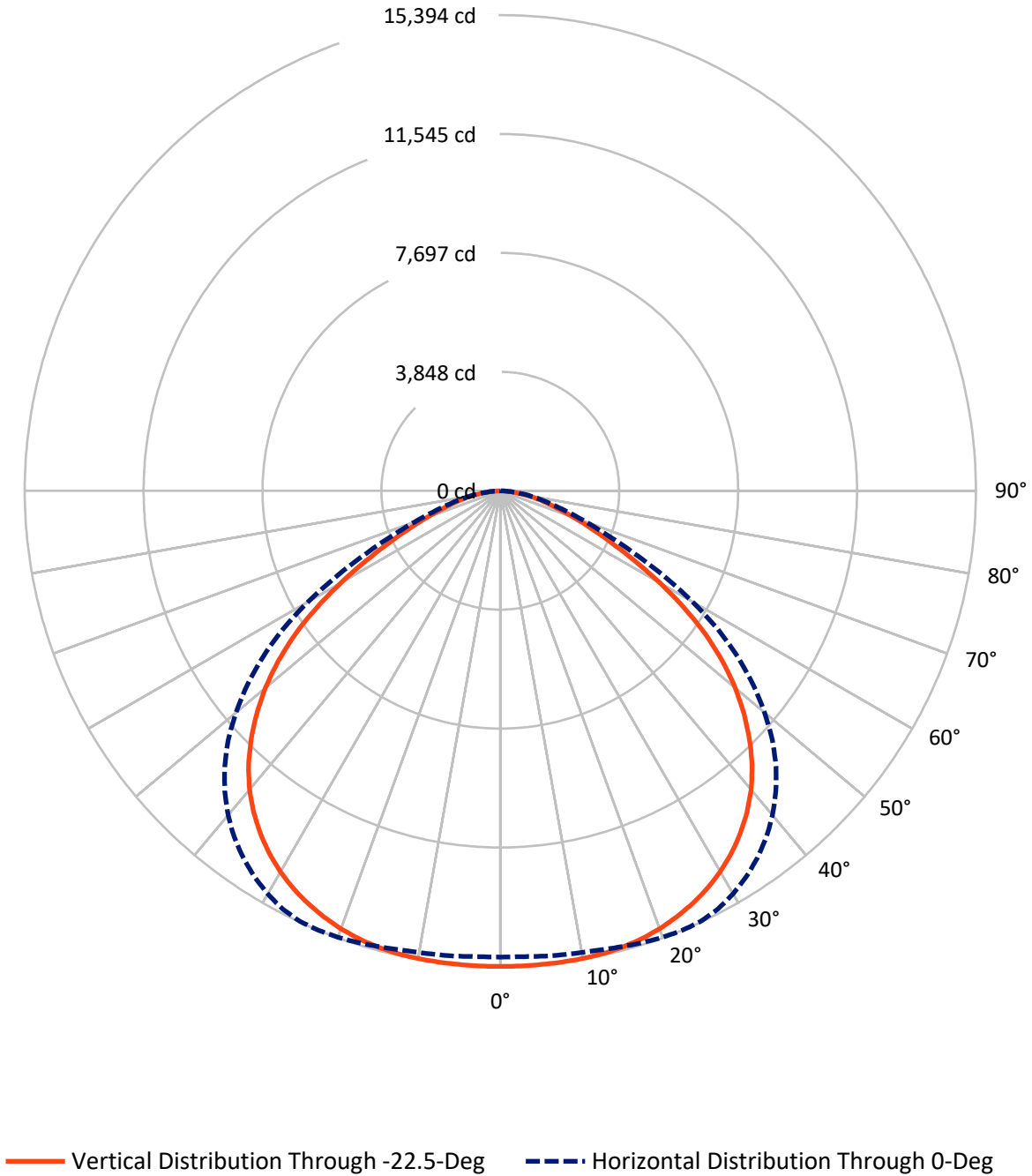
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Lumen Table



REPORT NUMBER: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-750-U-LAM-XX

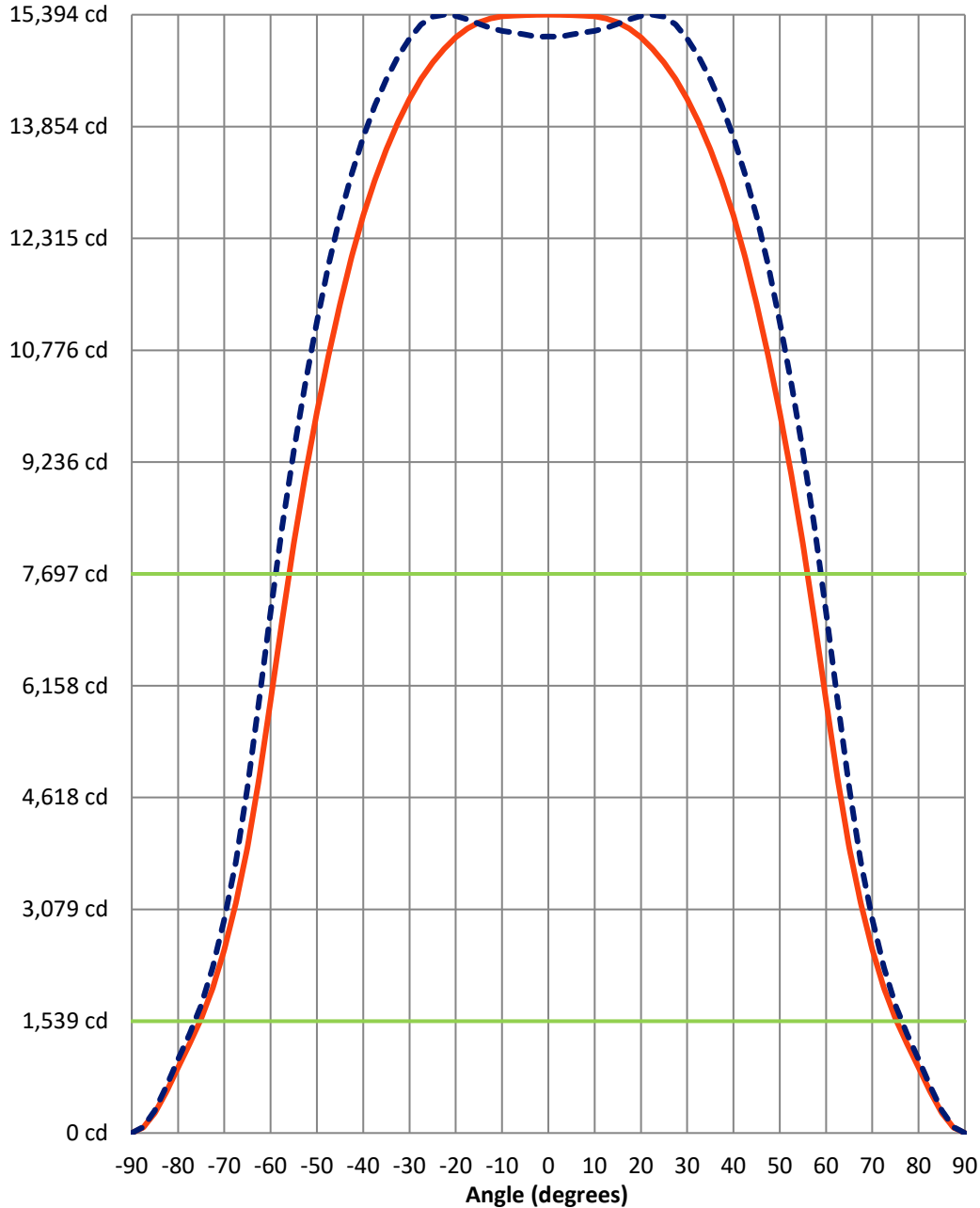
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 39189.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 46164.4
 Efficiency: 98.0%

Spill:
 Lumens: 926.1
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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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	3.7	7.3	11.0	14.6	18.2	21.8	25.3	28.8	32.2	35.6
85°	0.0	7.3	14.7	22.0	29.2	36.4	43.5	50.6	57.5	64.4	71.1
82.5°	0.0	11.0	22.0	32.9	43.7	54.5	65.2	75.8	89.6	117.5	144.9
80°	0.0	14.6	29.2	43.7	58.2	72.5	91.2	129.4	167.1	204.3	240.8
77.5°	0.0	18.2	36.4	54.5	72.5	101.2	149.4	197.1	244.1	290.5	346.4
75°	0.0	21.8	43.5	65.2	91.2	149.4	207.1	264.2	323.8	404.5	484.0
72.5°	0.0	25.3	50.6	75.8	129.4	197.1	264.2	338.4	433.7	527.7	620.2
70°	0.0	28.8	57.5	89.6	167.1	244.1	323.8	433.7	542.4	649.7	765.8
67.5°	0.0	32.2	64.4	117.5	204.3	290.5	404.5	527.7	649.7	782.0	912.2
65°	0.0	35.6	71.1	144.9	240.8	346.4	484.0	620.2	765.8	912.2	1054.3
62.5°	0.0	38.9	77.7	171.7	276.6	411.4	561.9	717.4	879.7	1038.8	1189.5
60°	0.0	42.1	84.1	198.0	311.6	475.0	638.1	815.2	991.4	1158.4	1322.0
57.5°	0.0	45.2	101.1	223.6	360.4	537.1	719.2	910.8	1096.5	1275.3	1463.5
55°	0.0	48.3	117.7	248.6	408.8	597.5	799.1	1003.9	1197.9	1392.8	1607.2
52.5°	0.0	51.2	133.8	272.7	455.7	657.2	876.6	1090.7	1296.6	1518.7	1747.1
50°	0.0	54.1	149.4	296.1	501.2	719.7	951.7	1174.3	1396.0	1640.9	1921.0
47.5°	0.0	56.9	164.4	321.2	545.0	780.1	1023.7	1255.1	1500.9	1759.0	2093.7
45°	0.0	59.5	178.9	352.7	587.1	838.2	1090.3	1332.9	1602.0	1907.9	2260.4
42.5°	0.0	62.1	192.7	383.0	627.4	893.8	1154.1	1413.3	1699.0	2051.6	2456.7
40°	0.0	64.5	205.9	411.8	667.9	946.9	1215.1	1494.2	1801.2	2189.2	2650.7
37.5°	0.0	66.8	218.4	439.2	708.2	997.4	1273.0	1571.2	1917.1	2329.8	2835.7
35°	0.0	69.0	230.3	465.0	746.2	1043.7	1327.8	1644.1	2027.0	2486.8	3024.5
32.5°	0.0	71.0	241.4	489.4	782.0	1086.5	1381.4	1712.6	2130.4	2634.9	3223.0
30°	0.0	72.9	251.8	512.1	815.5	1126.5	1436.2	1781.5	2227.3	2773.6	3409.2
27.5°	0.0	74.7	261.4	533.1	846.5	1163.6	1487.0	1859.8	2326.2	2902.5	3582.4
25°	0.0	76.3	270.3	552.5	875.1	1197.8	1533.7	1931.9	2431.1	3036.9	3744.2
22.5°	0.0	77.8	278.3	570.2	901.1	1229.0	1576.4	1997.7	2526.8	3167.2	3933.2
20°	0.0	79.1	285.6	586.1	924.5	1257.0	1614.8	2056.9	2613.2	3284.7	4103.8
17.5°	0.0	80.3	292.0	600.2	945.3	1281.9	1648.9	2109.6	2689.9	3389.1	4255.6
15°	0.0	81.3	297.6	612.4	963.4	1303.6	1678.6	2155.5	2756.8	3480.3	4388.1
12.5°	0.0	82.2	302.4	622.9	978.7	1322.0	1703.9	2194.5	2813.7	3557.8	4500.9
10°	0.0	82.9	306.3	631.4	991.4	1337.2	1724.6	2226.5	2860.4	3621.6	4593.6
7.5°	0.0	83.5	309.4	638.1	1001.2	1349.0	1740.8	2251.5	2896.9	3671.4	4666.1
5°	0.0	83.9	311.6	642.9	1008.3	1357.4	1752.4	2269.4	2923.0	3707.0	4718.0
2.5°	0.0	84.1	312.9	645.7	1012.5	1362.5	1759.4	2280.2	2938.8	3728.4	4749.2
0°	0.0	84.2	313.3	646.7	1013.9	1364.2	1761.7	2283.8	2944.0	3735.6	4759.6
-2.5°	0.0	84.1	312.9	645.7	1012.5	1362.5	1759.4	2280.2	2938.8	3728.4	4749.2
-5°	0.0	83.9	311.6	642.9	1008.3	1357.4	1752.4	2269.4	2923.0	3707.0	4718.0
-7.5°	0.0	83.5	309.4	638.1	1001.2	1349.0	1740.8	2251.5	2896.9	3671.4	4666.1
-10°	0.0	82.9	306.3	631.4	991.4	1337.2	1724.6	2226.5	2860.4	3621.6	4593.6
-12.5°	0.0	82.2	302.4	622.9	978.7	1322.0	1703.9	2194.5	2813.7	3557.8	4500.9
-15°	0.0	81.3	297.6	612.4	963.4	1303.6	1678.6	2155.5	2756.8	3480.3	4388.1
-17.5°	0.0	80.3	292.0	600.2	945.3	1281.9	1648.9	2109.6	2689.9	3389.1	4255.6
-20°	0.0	79.1	285.6	586.1	924.5	1257.0	1614.8	2056.9	2613.2	3284.7	4103.8



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 CATALOG NUMBER: GFLD-SA6D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	77.8	278.3	570.2	901.1	1229.0	1576.4	1997.7	2526.8	3167.2	3933.2
-25°	0.0	76.3	270.3	552.5	875.1	1197.8	1533.7	1931.9	2431.1	3036.9	3744.2
-27.5°	0.0	74.7	261.4	533.1	846.5	1163.6	1487.0	1859.8	2326.2	2902.5	3582.4
-30°	0.0	72.9	251.8	512.1	815.5	1126.5	1436.2	1781.5	2227.3	2773.6	3409.2
-32.5°	0.0	71.0	241.4	489.4	782.0	1086.5	1381.4	1712.6	2130.4	2634.9	3223.0
-35°	0.0	69.0	230.3	465.0	746.2	1043.7	1327.8	1644.1	2027.0	2486.8	3024.5
-37.5°	0.0	66.8	218.4	439.2	708.2	997.4	1273.0	1571.2	1917.1	2329.8	2835.7
-40°	0.0	64.5	205.9	411.8	667.9	946.9	1215.1	1494.2	1801.2	2189.2	2650.7
-42.5°	0.0	62.1	192.7	383.0	627.4	893.8	1154.1	1413.3	1699.0	2051.6	2456.7
-45°	0.0	59.5	178.9	352.7	587.1	838.2	1090.3	1332.9	1602.0	1907.9	2260.4
-47.5°	0.0	56.9	164.4	321.2	545.0	780.1	1023.7	1255.1	1500.9	1759.0	2093.7
-50°	0.0	54.1	149.4	296.1	501.2	719.7	951.7	1174.3	1396.0	1640.9	1921.0
-52.5°	0.0	51.2	133.8	272.7	455.7	657.2	876.6	1090.7	1296.6	1518.7	1747.1
-55°	0.0	48.3	117.7	248.6	408.8	597.5	799.1	1003.9	1197.9	1392.8	1607.2
-57.5°	0.0	45.2	101.1	223.6	360.4	537.1	719.2	910.8	1096.5	1275.3	1463.5
-60°	0.0	42.1	84.1	198.0	311.6	475.0	638.1	815.2	991.4	1158.4	1322.0
-62.5°	0.0	38.9	77.7	171.7	276.6	411.4	561.9	717.4	879.7	1038.8	1189.5
-65°	0.0	35.6	71.1	144.9	240.8	346.4	484.0	620.2	765.8	912.2	1054.3
-67.5°	0.0	32.2	64.4	117.5	204.3	290.5	404.5	527.7	649.7	782.0	912.2
-70°	0.0	28.8	57.5	89.6	167.1	244.1	323.8	433.7	542.4	649.7	765.8
-72.5°	0.0	25.3	50.6	75.8	129.4	197.1	264.2	338.4	433.7	527.7	620.2
-75°	0.0	21.8	43.5	65.2	91.2	149.4	207.1	264.2	323.8	404.5	484.0
-77.5°	0.0	18.2	36.4	54.5	72.5	101.2	149.4	197.1	244.1	290.5	346.4
-80°	0.0	14.6	29.2	43.7	58.2	72.5	91.2	129.4	167.1	204.3	240.8
-82.5°	0.0	11.0	22.0	32.9	43.7	54.5	65.2	75.8	89.6	117.5	144.9
-85°	0.0	7.3	14.7	22.0	29.2	36.4	43.5	50.6	57.5	64.4	71.1
-87.5°	0.0	3.7	7.3	11.0	14.6	18.2	21.8	25.3	28.8	32.2	35.6
-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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 CATALOG NUMBER: GFLD-SA6D-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°	38.9	42.1	45.2	48.3	51.2	54.1	56.9	59.5	62.1	64.5	66.8
85°	77.7	84.1	101.1	117.7	133.8	149.4	164.4	178.9	192.7	205.9	218.4
82.5°	171.7	198.0	223.6	248.6	272.7	296.1	321.2	352.7	383.0	411.8	439.2
80°	276.6	311.6	360.4	408.8	455.7	501.2	545.0	587.1	627.4	667.9	708.2
77.5°	411.4	475.0	537.1	597.5	657.2	719.7	780.1	838.2	893.8	946.9	997.4
75°	561.9	638.1	719.2	799.1	876.6	951.7	1023.7	1090.3	1154.1	1215.1	1273.0
72.5°	717.4	815.2	910.8	1003.9	1090.7	1174.3	1255.1	1332.9	1413.3	1494.2	1571.2
70°	879.7	991.4	1096.5	1197.9	1296.6	1396.0	1500.9	1602.0	1699.0	1801.2	1917.1
67.5°	1038.8	1158.4	1275.3	1392.8	1518.7	1640.9	1759.0	1907.9	2051.6	2189.2	2329.8
65°	1189.5	1322.0	1463.5	1607.2	1747.1	1921.0	2093.7	2260.4	2456.7	2650.7	2835.7
62.5°	1337.7	1499.1	1660.7	1836.4	2038.5	2234.9	2462.6	2694.9	2918.5	3170.4	3415.6
60°	1499.1	1678.6	1883.6	2109.6	2342.1	2613.2	2876.0	3167.2	3460.7	3744.2	4092.2
57.5°	1660.7	1883.6	2133.4	2402.6	2704.2	3008.7	3350.6	3681.5	4078.4	4475.0	4869.5
55°	1836.4	2109.6	2402.6	2734.7	3082.3	3461.6	3858.2	4320.3	4767.6	5266.0	5743.3
52.5°	2038.5	2342.1	2704.2	3082.3	3498.8	3955.0	4466.7	4995.9	5553.2	6094.3	6625.1
50°	2234.9	2613.2	3008.7	3461.6	3955.0	4515.7	5110.8	5727.1	6335.5	6928.9	7484.7
47.5°	2462.6	2876.0	3350.6	3858.2	4466.7	5110.8	5785.3	6456.9	7113.1	7721.9	8305.0
45°	2694.9	3167.2	3681.5	4320.3	4995.9	5727.1	6456.9	7174.8	7841.4	8470.6	9021.0
42.5°	2918.5	3460.7	4078.4	4767.6	5553.2	6335.5	7113.1	7841.4	8524.4	9130.3	9683.2
40°	3170.4	3744.2	4475.0	5266.0	6094.3	6928.9	7721.9	8470.6	9130.3	9733.6	10293.4
37.5°	3415.6	4092.2	4869.5	5743.3	6625.1	7484.7	8305.0	9021.0	9683.2	10293.4	10830.4
35°	3648.5	4423.0	5288.6	6205.8	7131.6	8005.7	8804.1	9532.9	10190.8	10783.0	11332.1
32.5°	3907.4	4735.7	5685.3	6650.3	7593.1	8483.2	9274.7	9987.6	10641.7	11243.1	11788.3
30°	4174.3	5073.0	6061.8	7068.9	8026.6	8897.2	9687.3	10409.3	11058.2	11652.2	12186.5
27.5°	4423.0	5391.1	6421.0	7447.6	8422.6	9285.5	10064.9	10775.7	11428.4	12026.4	12544.3
25°	4652.7	5685.3	6753.5	7794.3	8756.0	9620.9	10407.3	11117.6	11766.6	12340.4	12843.9
22.5°	4879.5	5954.8	7058.1	8112.4	9062.2	9920.6	10700.0	11412.1	12061.5	12630.0	13113.0
20°	5099.9	6205.8	7326.9	8394.6	9340.2	10193.0	10966.4	11677.2	12309.2	12859.6	13340.5
17.5°	5296.1	6429.5	7562.1	8622.3	9568.7	10425.6	11202.1	11915.2	12532.1	13066.8	13537.0
15°	5467.5	6625.1	7767.8	8821.8	9765.2	10618.8	11395.4	12100.7	12713.3	13243.6	13710.5
12.5°	5613.5	6791.7	7943.2	8992.1	9933.2	10784.1	11560.9	12256.4	12858.7	13382.2	13839.0
10°	5733.6	6928.9	8087.8	9132.5	10071.8	10920.7	11697.8	12385.4	12979.3	13497.3	13946.0
7.5°	5827.5	7036.2	8200.8	9242.4	10180.4	11027.7	11805.2	12486.7	13074.2	13588.0	14030.5
5°	5894.7	7113.1	8281.9	9321.2	10258.3	11104.6	11882.4	12559.6	13142.5	13653.5	14091.5
2.5°	5935.2	7159.4	8330.7	9368.7	10305.2	11150.9	11929.0	12603.5	13183.7	13693.0	14128.4
0°	5948.7	7174.8	8347.0	9384.5	10320.9	11166.4	11944.5	12618.2	13197.5	13706.2	14140.7
-2.5°	5935.2	7159.4	8330.7	9368.7	10305.2	11150.9	11929.0	12603.5	13183.7	13693.0	14128.4
-5°	5894.7	7113.1	8281.9	9321.2	10258.3	11104.6	11882.4	12559.6	13142.5	13653.5	14091.5
-7.5°	5827.5	7036.2	8200.8	9242.4	10180.4	11027.7	11805.2	12486.7	13074.2	13588.0	14030.5
-10°	5733.6	6928.9	8087.8	9132.5	10071.8	10920.7	11697.8	12385.4	12979.3	13497.3	13946.0
-12.5°	5613.5	6791.7	7943.2	8992.1	9933.2	10784.1	11560.9	12256.4	12858.7	13382.2	13839.0
-15°	5467.5	6625.1	7767.8	8821.8	9765.2	10618.8	11395.4	12100.7	12713.3	13243.6	13710.5
-17.5°	5296.1	6429.5	7562.1	8622.3	9568.7	10425.6	11202.1	11915.2	12532.1	13066.8	13537.0
-20°	5099.9	6205.8	7326.9	8394.6	9340.2	10193.0	10966.4	11677.2	12309.2	12859.6	13340.5



REPORT NUMBER: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4879.5	5954.8	7058.1	8112.4	9062.2	9920.6	10700.0	11412.1	12061.5	12630.0	13113.0
-25°	4652.7	5685.3	6753.5	7794.3	8756.0	9620.9	10407.3	11117.6	11766.6	12340.4	12843.9
-27.5°	4423.0	5391.1	6421.0	7447.6	8422.6	9285.5	10064.9	10775.7	11428.4	12026.4	12544.3
-30°	4174.3	5073.0	6061.8	7068.9	8026.6	8897.2	9687.3	10409.3	11058.2	11652.2	12186.5
-32.5°	3907.4	4735.7	5685.3	6650.3	7593.1	8483.2	9274.7	9987.6	10641.7	11243.1	11788.3
-35°	3648.5	4423.0	5288.6	6205.8	7131.6	8005.7	8804.1	9532.9	10190.8	10783.0	11332.1
-37.5°	3415.6	4092.2	4869.5	5743.3	6625.1	7484.7	8305.0	9021.0	9683.2	10293.4	10830.4
-40°	3170.4	3744.2	4475.0	5266.0	6094.3	6928.9	7721.9	8470.6	9130.3	9733.6	10293.4
-42.5°	2918.5	3460.7	4078.4	4767.6	5553.2	6335.5	7113.1	7841.4	8524.4	9130.3	9683.2
-45°	2694.9	3167.2	3681.5	4320.3	4995.9	5727.1	6456.9	7174.8	7841.4	8470.6	9021.0
-47.5°	2462.6	2876.0	3350.6	3858.2	4466.7	5110.8	5785.3	6456.9	7113.1	7721.9	8305.0
-50°	2234.9	2613.2	3008.7	3461.6	3955.0	4515.7	5110.8	5727.1	6335.5	6928.9	7484.7
-52.5°	2038.5	2342.1	2704.2	3082.3	3498.8	3955.0	4466.7	4995.9	5553.2	6094.3	6625.1
-55°	1836.4	2109.6	2402.6	2734.7	3082.3	3461.6	3858.2	4320.3	4767.6	5266.0	5743.3
-57.5°	1660.7	1883.6	2133.4	2402.6	2704.2	3008.7	3350.6	3681.5	4078.4	4475.0	4869.5
-60°	1499.1	1678.6	1883.6	2109.6	2342.1	2613.2	2876.0	3167.2	3460.7	3744.2	4092.2
-62.5°	1337.7	1499.1	1660.7	1836.4	2038.5	2234.9	2462.6	2694.9	2918.5	3170.4	3415.6
-65°	1189.5	1322.0	1463.5	1607.2	1747.1	1921.0	2093.7	2260.4	2456.7	2650.7	2835.7
-67.5°	1038.8	1158.4	1275.3	1392.8	1518.7	1640.9	1759.0	1907.9	2051.6	2189.2	2329.8
-70°	879.7	991.4	1096.5	1197.9	1296.6	1396.0	1500.9	1602.0	1699.0	1801.2	1917.1
-72.5°	717.4	815.2	910.8	1003.9	1090.7	1174.3	1255.1	1332.9	1413.3	1494.2	1571.2
-75°	561.9	638.1	719.2	799.1	876.6	951.7	1023.7	1090.3	1154.1	1215.1	1273.0
-77.5°	411.4	475.0	537.1	597.5	657.2	719.7	780.1	838.2	893.8	946.9	997.4
-80°	276.6	311.6	360.4	408.8	455.7	501.2	545.0	587.1	627.4	667.9	708.2
-82.5°	171.7	198.0	223.6	248.6	272.7	296.1	321.2	352.7	383.0	411.8	439.2
-85°	77.7	84.1	101.1	117.7	133.8	149.4	164.4	178.9	192.7	205.9	218.4
-87.5°	38.9	42.1	45.2	48.3	51.2	54.1	56.9	59.5	62.1	64.5	66.8
-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: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	69.0	71.0	72.9	74.7	76.3	77.8	79.1	80.3	81.3	82.2	82.9
85°	230.3	241.4	251.8	261.4	270.3	278.3	285.6	292.0	297.6	302.4	306.3
82.5°	465.0	489.4	512.1	533.1	552.5	570.2	586.1	600.2	612.4	622.9	631.4
80°	746.2	782.0	815.5	846.5	875.1	901.1	924.5	945.3	963.4	978.7	991.4
77.5°	1043.7	1086.5	1126.5	1163.6	1197.8	1229.0	1257.0	1281.9	1303.6	1322.0	1337.2
75°	1327.8	1381.4	1436.2	1487.0	1533.7	1576.4	1614.8	1648.9	1678.6	1703.9	1724.6
72.5°	1644.1	1712.6	1781.5	1859.8	1931.9	1997.7	2056.9	2109.6	2155.5	2194.5	2226.5
70°	2027.0	2130.4	2227.3	2326.2	2431.1	2526.8	2613.2	2689.9	2756.8	2813.7	2860.4
67.5°	2486.8	2634.9	2773.6	2902.5	3036.9	3167.2	3284.7	3389.1	3480.3	3557.8	3621.6
65°	3024.5	3223.0	3409.2	3582.4	3744.2	3933.2	4103.8	4255.6	4388.1	4500.9	4593.6
62.5°	3648.5	3907.4	4174.3	4423.0	4652.7	4879.5	5099.9	5296.1	5467.5	5613.5	5733.6
60°	4423.0	4735.7	5073.0	5391.1	5685.3	5954.8	6205.8	6429.5	6625.1	6791.7	6928.9
57.5°	5288.6	5685.3	6061.8	6421.0	6753.5	7058.1	7326.9	7562.1	7767.8	7943.2	8087.8
55°	6205.8	6650.3	7068.9	7447.6	7794.3	8112.4	8394.6	8622.3	8821.8	8992.1	9132.5
52.5°	7131.6	7593.1	8026.6	8422.6	8756.0	9062.2	9340.2	9568.7	9765.2	9933.2	10071.8
50°	8005.7	8483.2	8897.2	9285.5	9620.9	9920.6	10193.0	10425.6	10618.8	10784.1	10920.7
47.5°	8804.1	9274.7	9687.3	10064.9	10407.3	10700.0	10966.4	11202.1	11395.4	11560.9	11697.8
45°	9532.9	9987.6	10409.3	10775.7	11117.6	11412.1	11677.2	11915.2	12100.7	12256.4	12385.4
42.5°	10190.8	10641.7	11058.2	11428.4	11766.6	12061.5	12309.2	12532.1	12713.3	12858.7	12979.3
40°	10783.0	11243.1	11652.2	12026.4	12340.4	12630.0	12859.6	13066.8	13243.6	13382.2	13497.3
37.5°	11332.1	11788.3	12186.5	12544.3	12843.9	13113.0	13340.5	13537.0	13710.5	13839.0	13946.0
35°	11834.0	12267.5	12661.4	12989.4	13286.3	13539.9	13763.8	13945.0	14106.2	14228.7	14326.3
32.5°	12267.5	12697.3	13063.1	13385.9	13675.9	13912.4	14127.2	14293.2	14439.5	14557.4	14648.1
30°	12661.4	13063.1	13419.4	13739.3	14003.4	14233.8	14427.2	14589.3	14724.4	14836.9	14916.6
27.5°	12989.4	13385.9	13739.3	14034.1	14286.9	14508.7	14685.7	14841.8	14959.8	15063.2	15131.8
25°	13286.3	13675.9	14003.4	14286.9	14532.3	14734.8	14903.3	15044.7	15149.3	15237.9	15288.9
22.5°	13539.9	13912.4	14233.8	14508.7	14734.8	14924.1	15082.9	15202.6	15288.2	15341.8	15372.0
20°	13763.8	14127.2	14427.2	14685.7	14903.3	15082.9	15220.7	15309.2	15368.8	15383.6	15392.2
17.5°	13945.0	14293.2	14589.3	14841.8	15044.7	15202.6	15309.2	15371.6	15389.5	15386.3	15377.4
15°	14106.2	14439.5	14724.4	14959.8	15149.3	15288.2	15368.8	15389.5	15384.3	15366.2	15338.5
12.5°	14228.7	14557.4	14836.9	15063.2	15237.9	15341.8	15383.6	15386.3	15366.2	15331.8	15292.4
10°	14326.3	14648.1	14916.6	15131.8	15288.9	15372.0	15392.2	15377.4	15338.5	15292.4	15248.6
7.5°	14403.5	14720.0	14980.1	15186.6	15322.3	15381.3	15385.7	15357.9	15311.2	15258.7	15211.5
5°	14459.4	14772.2	15026.3	15226.5	15346.8	15388.2	15380.9	15342.6	15288.4	15233.6	15190.3
2.5°	14493.2	14803.8	15054.3	15250.8	15361.8	15392.4	15377.9	15333.0	15274.0	15217.5	15176.3
0°	14504.5	14814.4	15063.7	15259.0	15366.8	15393.8	15376.9	15329.8	15269.1	15211.9	15171.4
-2.5°	14493.2	14803.8	15054.3	15250.8	15361.8	15392.4	15377.9	15333.0	15274.0	15217.5	15176.3
-5°	14459.4	14772.2	15026.3	15226.5	15346.8	15388.2	15380.9	15342.6	15288.4	15233.6	15190.3
-7.5°	14403.5	14720.0	14980.1	15186.6	15322.3	15381.3	15385.7	15357.9	15311.2	15258.7	15211.5
-10°	14326.3	14648.1	14916.6	15131.8	15288.9	15372.0	15392.2	15377.4	15338.5	15292.4	15248.6
-12.5°	14228.7	14557.4	14836.9	15063.2	15237.9	15341.8	15383.6	15386.3	15366.2	15331.8	15292.4
-15°	14106.2	14439.5	14724.4	14959.8	15149.3	15288.2	15368.8	15389.5	15384.3	15366.2	15338.5
-17.5°	13945.0	14293.2	14589.3	14841.8	15044.7	15202.6	15309.2	15371.6	15389.5	15386.3	15377.4
-20°	13763.8	14127.2	14427.2	14685.7	14903.3	15082.9	15220.7	15309.2	15368.8	15383.6	15392.2



REPORT NUMBER: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	13539.9	13912.4	14233.8	14508.7	14734.8	14924.1	15082.9	15202.6	15288.2	15341.8	15372.0
-25°	13286.3	13675.9	14003.4	14286.9	14532.3	14734.8	14903.3	15044.7	15149.3	15237.9	15288.9
-27.5°	12989.4	13385.9	13739.3	14034.1	14286.9	14508.7	14685.7	14841.8	14959.8	15063.2	15131.8
-30°	12661.4	13063.1	13419.4	13739.3	14003.4	14233.8	14427.2	14589.3	14724.4	14836.9	14916.6
-32.5°	12267.5	12697.3	13063.1	13385.9	13675.9	13912.4	14127.2	14293.2	14439.5	14557.4	14648.1
-35°	11834.0	12267.5	12661.4	12989.4	13286.3	13539.9	13763.8	13945.0	14106.2	14228.7	14326.3
-37.5°	11332.1	11788.3	12186.5	12544.3	12843.9	13113.0	13340.5	13537.0	13710.5	13839.0	13946.0
-40°	10783.0	11243.1	11652.2	12026.4	12340.4	12630.0	12859.6	13066.8	13243.6	13382.2	13497.3
-42.5°	10190.8	10641.7	11058.2	11428.4	11766.6	12061.5	12309.2	12532.1	12713.3	12858.7	12979.3
-45°	9532.9	9987.6	10409.3	10775.7	11117.6	11412.1	11677.2	11915.2	12100.7	12256.4	12385.4
-47.5°	8804.1	9274.7	9687.3	10064.9	10407.3	10700.0	10966.4	11202.1	11395.4	11560.9	11697.8
-50°	8005.7	8483.2	8897.2	9285.5	9620.9	9920.6	10193.0	10425.6	10618.8	10784.1	10920.7
-52.5°	7131.6	7593.1	8026.6	8422.6	8756.0	9062.2	9340.2	9568.7	9765.2	9933.2	10071.8
-55°	6205.8	6650.3	7068.9	7447.6	7794.3	8112.4	8394.6	8622.3	8821.8	8992.1	9132.5
-57.5°	5288.6	5685.3	6061.8	6421.0	6753.5	7058.1	7326.9	7562.1	7767.8	7943.2	8087.8
-60°	4423.0	4735.7	5073.0	5391.1	5685.3	5954.8	6205.8	6429.5	6625.1	6791.7	6928.9
-62.5°	3648.5	3907.4	4174.3	4423.0	4652.7	4879.5	5099.9	5296.1	5467.5	5613.5	5733.6
-65°	3024.5	3223.0	3409.2	3582.4	3744.2	3933.2	4103.8	4255.6	4388.1	4500.9	4593.6
-67.5°	2486.8	2634.9	2773.6	2902.5	3036.9	3167.2	3284.7	3389.1	3480.3	3557.8	3621.6
-70°	2027.0	2130.4	2227.3	2326.2	2431.1	2526.8	2613.2	2689.9	2756.8	2813.7	2860.4
-72.5°	1644.1	1712.6	1781.5	1859.8	1931.9	1997.7	2056.9	2109.6	2155.5	2194.5	2226.5
-75°	1327.8	1381.4	1436.2	1487.0	1533.7	1576.4	1614.8	1648.9	1678.6	1703.9	1724.6
-77.5°	1043.7	1086.5	1126.5	1163.6	1197.8	1229.0	1257.0	1281.9	1303.6	1322.0	1337.2
-80°	746.2	782.0	815.5	846.5	875.1	901.1	924.5	945.3	963.4	978.7	991.4
-82.5°	465.0	489.4	512.1	533.1	552.5	570.2	586.1	600.2	612.4	622.9	631.4
-85°	230.3	241.4	251.8	261.4	270.3	278.3	285.6	292.0	297.6	302.4	306.3
-87.5°	69.0	71.0	72.9	74.7	76.3	77.8	79.1	80.3	81.3	82.2	82.9
-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: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	83.5	83.9	84.1	84.2	84.1	83.9	83.5	82.9	82.2	81.3	80.3
85°	309.4	311.6	312.9	313.3	312.9	311.6	309.4	306.3	302.4	297.6	292.0
82.5°	638.1	642.9	645.7	646.7	645.7	642.9	638.1	631.4	622.9	612.4	600.2
80°	1001.2	1008.3	1012.5	1013.9	1012.5	1008.3	1001.2	991.4	978.7	963.4	945.3
77.5°	1349.0	1357.4	1362.5	1364.2	1362.5	1357.4	1349.0	1337.2	1322.0	1303.6	1281.9
75°	1740.8	1752.4	1759.4	1761.7	1759.4	1752.4	1740.8	1724.6	1703.9	1678.6	1648.9
72.5°	2251.5	2269.4	2280.2	2283.8	2280.2	2269.4	2251.5	2226.5	2194.5	2155.5	2109.6
70°	2896.9	2923.0	2938.8	2944.0	2938.8	2923.0	2896.9	2860.4	2813.7	2756.8	2689.9
67.5°	3671.4	3707.0	3728.4	3735.6	3728.4	3707.0	3671.4	3621.6	3557.8	3480.3	3389.1
65°	4666.1	4718.0	4749.2	4759.6	4749.2	4718.0	4666.1	4593.6	4500.9	4388.1	4255.6
62.5°	5827.5	5894.7	5935.2	5948.7	5935.2	5894.7	5827.5	5733.6	5613.5	5467.5	5296.1
60°	7036.2	7113.1	7159.4	7174.8	7159.4	7113.1	7036.2	6928.9	6791.7	6625.1	6429.5
57.5°	8200.8	8281.9	8330.7	8347.0	8330.7	8281.9	8200.8	8087.8	7943.2	7767.8	7562.1
55°	9242.4	9321.2	9368.7	9384.5	9368.7	9321.2	9242.4	9132.5	8992.1	8821.8	8622.3
52.5°	10180.4	10258.3	10305.2	10320.9	10305.2	10258.3	10180.4	10071.8	9933.2	9765.2	9568.7
50°	11027.7	11104.6	11150.9	11166.4	11150.9	11104.6	11027.7	10920.7	10784.1	10618.8	10425.6
47.5°	11805.2	11882.4	11929.0	11944.5	11929.0	11882.4	11805.2	11697.8	11560.9	11395.4	11202.1
45°	12486.7	12559.6	12603.5	12618.2	12603.5	12559.6	12486.7	12385.4	12256.4	12100.7	11915.2
42.5°	13074.2	13142.5	13183.7	13197.5	13183.7	13142.5	13074.2	12979.3	12858.7	12713.3	12532.1
40°	13588.0	13653.5	13693.0	13706.2	13693.0	13653.5	13588.0	13497.3	13382.2	13243.6	13066.8
37.5°	14030.5	14091.5	14128.4	14140.7	14128.4	14091.5	14030.5	13946.0	13839.0	13710.5	13537.0
35°	14403.5	14459.4	14493.2	14504.5	14493.2	14459.4	14403.5	14326.3	14228.7	14106.2	13945.0
32.5°	14720.0	14772.2	14803.8	14814.4	14803.8	14772.2	14720.0	14648.1	14557.4	14439.5	14293.2
30°	14980.1	15026.3	15054.3	15063.7	15054.3	15026.3	14980.1	14916.6	14836.9	14724.4	14589.3
27.5°	15186.6	15226.5	15250.8	15259.0	15250.8	15226.5	15186.6	15131.8	15063.2	14959.8	14841.8
25°	15322.3	15346.8	15361.8	15366.8	15361.8	15346.8	15322.3	15288.9	15237.9	15149.3	15044.7
22.5°	15381.3	15388.2	15392.4	15393.8	15392.4	15388.2	15381.3	15372.0	15341.8	15288.2	15202.6
20°	15385.7	15380.9	15377.9	15376.9	15377.9	15380.9	15385.7	15392.2	15383.6	15368.8	15309.2
17.5°	15357.9	15342.6	15333.0	15329.8	15333.0	15342.6	15357.9	15377.4	15386.3	15389.5	15371.6
15°	15311.2	15288.4	15274.0	15269.1	15274.0	15288.4	15311.2	15338.5	15366.2	15384.3	15389.5
12.5°	15258.7	15233.6	15217.5	15211.9	15217.5	15233.6	15258.7	15292.4	15331.8	15366.2	15386.3
10°	15211.5	15190.3	15176.3	15171.4	15176.3	15190.3	15211.5	15248.6	15292.4	15338.5	15377.4
7.5°	15181.0	15162.1	15151.7	15147.9	15151.7	15162.1	15181.0	15211.5	15258.7	15311.2	15357.9
5°	15162.1	15143.2	15127.3	15120.9	15127.3	15143.2	15162.1	15190.3	15233.6	15288.4	15342.6
2.5°	15151.7	15127.3	15103.1	15090.6	15103.1	15127.3	15151.7	15176.3	15217.5	15274.0	15333.0
0°	15147.9	15120.9	15090.6	15094.0	15090.6	15120.9	15147.9	15171.4	15211.9	15269.1	15329.8
-2.5°	15151.7	15127.3	15103.1	15090.6	15103.1	15127.3	15151.7	15176.3	15217.5	15274.0	15333.0
-5°	15162.1	15143.2	15127.3	15120.9	15127.3	15143.2	15162.1	15190.3	15233.6	15288.4	15342.6
-7.5°	15181.0	15162.1	15151.7	15147.9	15151.7	15162.1	15181.0	15211.5	15258.7	15311.2	15357.9
-10°	15211.5	15190.3	15176.3	15171.4	15176.3	15190.3	15211.5	15248.6	15292.4	15338.5	15377.4
-12.5°	15258.7	15233.6	15217.5	15211.9	15217.5	15233.6	15258.7	15292.4	15331.8	15366.2	15386.3
-15°	15311.2	15288.4	15274.0	15269.1	15274.0	15288.4	15311.2	15338.5	15366.2	15384.3	15389.5
-17.5°	15357.9	15342.6	15333.0	15329.8	15333.0	15342.6	15357.9	15377.4	15386.3	15389.5	15371.6
-20°	15385.7	15380.9	15377.9	15376.9	15377.9	15380.9	15385.7	15392.2	15383.6	15368.8	15309.2



REPORT NUMBER: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	15381.3	15388.2	15392.4	15393.8	15392.4	15388.2	15381.3	15372.0	15341.8	15288.2	15202.6
-25°	15322.3	15346.8	15361.8	15366.8	15361.8	15346.8	15322.3	15288.9	15237.9	15149.3	15044.7
-27.5°	15186.6	15226.5	15250.8	15259.0	15250.8	15226.5	15186.6	15131.8	15063.2	14959.8	14841.8
-30°	14980.1	15026.3	15054.3	15063.7	15054.3	15026.3	14980.1	14916.6	14836.9	14724.4	14589.3
-32.5°	14720.0	14772.2	14803.8	14814.4	14803.8	14772.2	14720.0	14648.1	14557.4	14439.5	14293.2
-35°	14403.5	14459.4	14493.2	14504.5	14493.2	14459.4	14403.5	14326.3	14228.7	14106.2	13945.0
-37.5°	14030.5	14091.5	14128.4	14140.7	14128.4	14091.5	14030.5	13946.0	13839.0	13710.5	13537.0
-40°	13588.0	13653.5	13693.0	13706.2	13693.0	13653.5	13588.0	13497.3	13382.2	13243.6	13066.8
-42.5°	13074.2	13142.5	13183.7	13197.5	13183.7	13142.5	13074.2	12979.3	12858.7	12713.3	12532.1
-45°	12486.7	12559.6	12603.5	12618.2	12603.5	12559.6	12486.7	12385.4	12256.4	12100.7	11915.2
-47.5°	11805.2	11882.4	11929.0	11944.5	11929.0	11882.4	11805.2	11697.8	11560.9	11395.4	11202.1
-50°	11027.7	11104.6	11150.9	11166.4	11150.9	11104.6	11027.7	10920.7	10784.1	10618.8	10425.6
-52.5°	10180.4	10258.3	10305.2	10320.9	10305.2	10258.3	10180.4	10071.8	9933.2	9765.2	9568.7
-55°	9242.4	9321.2	9368.7	9384.5	9368.7	9321.2	9242.4	9132.5	8992.1	8821.8	8622.3
-57.5°	8200.8	8281.9	8330.7	8347.0	8330.7	8281.9	8200.8	8087.8	7943.2	7767.8	7562.1
-60°	7036.2	7113.1	7159.4	7174.8	7159.4	7113.1	7036.2	6928.9	6791.7	6625.1	6429.5
-62.5°	5827.5	5894.7	5935.2	5948.7	5935.2	5894.7	5827.5	5733.6	5613.5	5467.5	5296.1
-65°	4666.1	4718.0	4749.2	4759.6	4749.2	4718.0	4666.1	4593.6	4500.9	4388.1	4255.6
-67.5°	3671.4	3707.0	3728.4	3735.6	3728.4	3707.0	3671.4	3621.6	3557.8	3480.3	3389.1
-70°	2896.9	2923.0	2938.8	2944.0	2938.8	2923.0	2896.9	2860.4	2813.7	2756.8	2689.9
-72.5°	2251.5	2269.4	2280.2	2283.8	2280.2	2269.4	2251.5	2226.5	2194.5	2155.5	2109.6
-75°	1740.8	1752.4	1759.4	1761.7	1759.4	1752.4	1740.8	1724.6	1703.9	1678.6	1648.9
-77.5°	1349.0	1357.4	1362.5	1364.2	1362.5	1357.4	1349.0	1337.2	1322.0	1303.6	1281.9
-80°	1001.2	1008.3	1012.5	1013.9	1012.5	1008.3	1001.2	991.4	978.7	963.4	945.3
-82.5°	638.1	642.9	645.7	646.7	645.7	642.9	638.1	631.4	622.9	612.4	600.2
-85°	309.4	311.6	312.9	313.3	312.9	311.6	309.4	306.3	302.4	297.6	292.0
-87.5°	83.5	83.9	84.1	84.2	84.1	83.9	83.5	82.9	82.2	81.3	80.3
-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: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	79.1	77.8	76.3	74.7	72.9	71.0	69.0	66.8	64.5	62.1	59.5
85°	285.6	278.3	270.3	261.4	251.8	241.4	230.3	218.4	205.9	192.7	178.9
82.5°	586.1	570.2	552.5	533.1	512.1	489.4	465.0	439.2	411.8	383.0	352.7
80°	924.5	901.1	875.1	846.5	815.5	782.0	746.2	708.2	667.9	627.4	587.1
77.5°	1257.0	1229.0	1197.8	1163.6	1126.5	1086.5	1043.7	997.4	946.9	893.8	838.2
75°	1614.8	1576.4	1533.7	1487.0	1436.2	1381.4	1327.8	1273.0	1215.1	1154.1	1090.3
72.5°	2056.9	1997.7	1931.9	1859.8	1781.5	1712.6	1644.1	1571.2	1494.2	1413.3	1332.9
70°	2613.2	2526.8	2431.1	2326.2	2227.3	2130.4	2027.0	1917.1	1801.2	1699.0	1602.0
67.5°	3284.7	3167.2	3036.9	2902.5	2773.6	2634.9	2486.8	2329.8	2189.2	2051.6	1907.9
65°	4103.8	3933.2	3744.2	3582.4	3409.2	3223.0	3024.5	2835.7	2650.7	2456.7	2260.4
62.5°	5099.9	4879.5	4652.7	4423.0	4174.3	3907.4	3648.5	3415.6	3170.4	2918.5	2694.9
60°	6205.8	5954.8	5685.3	5391.1	5073.0	4735.7	4423.0	4092.2	3744.2	3460.7	3167.2
57.5°	7326.9	7058.1	6753.5	6421.0	6061.8	5685.3	5288.6	4869.5	4475.0	4078.4	3681.5
55°	8394.6	8112.4	7794.3	7447.6	7068.9	6650.3	6205.8	5743.3	5266.0	4767.6	4320.3
52.5°	9340.2	9062.2	8756.0	8422.6	8026.6	7593.1	7131.6	6625.1	6094.3	5553.2	4995.9
50°	10193.0	9920.6	9620.9	9285.5	8897.2	8483.2	8005.7	7484.7	6928.9	6335.5	5727.1
47.5°	10966.4	10700.0	10407.3	10064.9	9687.3	9274.7	8804.1	8305.0	7721.9	7113.1	6456.9
45°	11677.2	11412.1	11117.6	10775.7	10409.3	9987.6	9532.9	9021.0	8470.6	7841.4	7174.8
42.5°	12309.2	12061.5	11766.6	11428.4	11058.2	10641.7	10190.8	9683.2	9130.3	8524.4	7841.4
40°	12859.6	12630.0	12340.4	12026.4	11652.2	11243.1	10783.0	10293.4	9733.6	9130.3	8470.6
37.5°	13340.5	13113.0	12843.9	12544.3	12186.5	11788.3	11332.1	10830.4	10293.4	9683.2	9021.0
35°	13763.8	13539.9	13286.3	12989.4	12661.4	12267.5	11834.0	11332.1	10783.0	10190.8	9532.9
32.5°	14127.2	13912.4	13675.9	13385.9	13063.1	12697.3	12267.5	11788.3	11243.1	10641.7	9987.6
30°	14427.2	14233.8	14003.4	13739.3	13419.4	13063.1	12661.4	12186.5	11652.2	11058.2	10409.3
27.5°	14685.7	14508.7	14286.9	14034.1	13739.3	13385.9	12989.4	12544.3	12026.4	11428.4	10775.7
25°	14903.3	14734.8	14532.3	14286.9	14003.4	13675.9	13286.3	12843.9	12340.4	11766.6	11117.6
22.5°	15082.9	14924.1	14734.8	14508.7	14233.8	13912.4	13539.9	13113.0	12630.0	12061.5	11412.1
20°	15220.7	15082.9	14903.3	14685.7	14427.2	14127.2	13763.8	13340.5	12859.6	12309.2	11677.2
17.5°	15309.2	15202.6	15044.7	14841.8	14589.3	14293.2	13945.0	13537.0	13066.8	12532.1	11915.2
15°	15368.8	15288.2	15149.3	14959.8	14724.4	14439.5	14106.2	13710.5	13243.6	12713.3	12100.7
12.5°	15383.6	15341.8	15237.9	15063.2	14836.9	14557.4	14228.7	13839.0	13382.2	12858.7	12256.4
10°	15392.2	15372.0	15288.9	15131.8	14916.6	14648.1	14326.3	13946.0	13497.3	12979.3	12385.4
7.5°	15385.7	15381.3	15322.3	15186.6	14980.1	14720.0	14403.5	14030.5	13588.0	13074.2	12486.7
5°	15380.9	15388.2	15346.8	15226.5	15026.3	14772.2	14459.4	14091.5	13653.5	13142.5	12559.6
2.5°	15377.9	15392.4	15361.8	15250.8	15054.3	14803.8	14493.2	14128.4	13693.0	13183.7	12603.5
0°	15376.9	15393.8	15366.8	15259.0	15063.7	14814.4	14504.5	14140.7	13706.2	13197.5	12618.2
-2.5°	15377.9	15392.4	15361.8	15250.8	15054.3	14803.8	14493.2	14128.4	13693.0	13183.7	12603.5
-5°	15380.9	15388.2	15346.8	15226.5	15026.3	14772.2	14459.4	14091.5	13653.5	13142.5	12559.6
-7.5°	15385.7	15381.3	15322.3	15186.6	14980.1	14720.0	14403.5	14030.5	13588.0	13074.2	12486.7
-10°	15392.2	15372.0	15288.9	15131.8	14916.6	14648.1	14326.3	13946.0	13497.3	12979.3	12385.4
-12.5°	15383.6	15341.8	15237.9	15063.2	14836.9	14557.4	14228.7	13839.0	13382.2	12858.7	12256.4
-15°	15368.8	15288.2	15149.3	14959.8	14724.4	14439.5	14106.2	13710.5	13243.6	12713.3	12100.7
-17.5°	15309.2	15202.6	15044.7	14841.8	14589.3	14293.2	13945.0	13537.0	13066.8	12532.1	11915.2
-20°	15220.7	15082.9	14903.3	14685.7	14427.2	14127.2	13763.8	13340.5	12859.6	12309.2	11677.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-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°	15082.9	14924.1	14734.8	14508.7	14233.8	13912.4	13539.9	13113.0	12630.0	12061.5	11412.1
-25°	14903.3	14734.8	14532.3	14286.9	14003.4	13675.9	13286.3	12843.9	12340.4	11766.6	11117.6
-27.5°	14685.7	14508.7	14286.9	14034.1	13739.3	13385.9	12989.4	12544.3	12026.4	11428.4	10775.7
-30°	14427.2	14233.8	14003.4	13739.3	13419.4	13063.1	12661.4	12186.5	11652.2	11058.2	10409.3
-32.5°	14127.2	13912.4	13675.9	13385.9	13063.1	12697.3	12267.5	11788.3	11243.1	10641.7	9987.6
-35°	13763.8	13539.9	13286.3	12989.4	12661.4	12267.5	11834.0	11332.1	10783.0	10190.8	9532.9
-37.5°	13340.5	13113.0	12843.9	12544.3	12186.5	11788.3	11332.1	10830.4	10293.4	9683.2	9021.0
-40°	12859.6	12630.0	12340.4	12026.4	11652.2	11243.1	10783.0	10293.4	9733.6	9130.3	8470.6
-42.5°	12309.2	12061.5	11766.6	11428.4	11058.2	10641.7	10190.8	9683.2	9130.3	8524.4	7841.4
-45°	11677.2	11412.1	11117.6	10775.7	10409.3	9987.6	9532.9	9021.0	8470.6	7841.4	7174.8
-47.5°	10966.4	10700.0	10407.3	10064.9	9687.3	9274.7	8804.1	8305.0	7721.9	7113.1	6456.9
-50°	10193.0	9920.6	9620.9	9285.5	8897.2	8483.2	8005.7	7484.7	6928.9	6335.5	5727.1
-52.5°	9340.2	9062.2	8756.0	8422.6	8026.6	7593.1	7131.6	6625.1	6094.3	5553.2	4995.9
-55°	8394.6	8112.4	7794.3	7447.6	7068.9	6650.3	6205.8	5743.3	5266.0	4767.6	4320.3
-57.5°	7326.9	7058.1	6753.5	6421.0	6061.8	5685.3	5288.6	4869.5	4475.0	4078.4	3681.5
-60°	6205.8	5954.8	5685.3	5391.1	5073.0	4735.7	4423.0	4092.2	3744.2	3460.7	3167.2
-62.5°	5099.9	4879.5	4652.7	4423.0	4174.3	3907.4	3648.5	3415.6	3170.4	2918.5	2694.9
-65°	4103.8	3933.2	3744.2	3582.4	3409.2	3223.0	3024.5	2835.7	2650.7	2456.7	2260.4
-67.5°	3284.7	3167.2	3036.9	2902.5	2773.6	2634.9	2486.8	2329.8	2189.2	2051.6	1907.9
-70°	2613.2	2526.8	2431.1	2326.2	2227.3	2130.4	2027.0	1917.1	1801.2	1699.0	1602.0
-72.5°	2056.9	1997.7	1931.9	1859.8	1781.5	1712.6	1644.1	1571.2	1494.2	1413.3	1332.9
-75°	1614.8	1576.4	1533.7	1487.0	1436.2	1381.4	1327.8	1273.0	1215.1	1154.1	1090.3
-77.5°	1257.0	1229.0	1197.8	1163.6	1126.5	1086.5	1043.7	997.4	946.9	893.8	838.2
-80°	924.5	901.1	875.1	846.5	815.5	782.0	746.2	708.2	667.9	627.4	587.1
-82.5°	586.1	570.2	552.5	533.1	512.1	489.4	465.0	439.2	411.8	383.0	352.7
-85°	285.6	278.3	270.3	261.4	251.8	241.4	230.3	218.4	205.9	192.7	178.9
-87.5°	79.1	77.8	76.3	74.7	72.9	71.0	69.0	66.8	64.5	62.1	59.5
-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: P645582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	56.9	54.1	51.2	48.3	45.2	42.1	38.9	35.6	32.2	28.8	25.3
85°	164.4	149.4	133.8	117.7	101.1	84.1	77.7	71.1	64.4	57.5	50.6
82.5°	321.2	296.1	272.7	248.6	223.6	198.0	171.7	144.9	117.5	89.6	75.8
80°	545.0	501.2	455.7	408.8	360.4	311.6	276.6	240.8	204.3	167.1	129.4
77.5°	780.1	719.7	657.2	597.5	537.1	475.0	411.4	346.4	290.5	244.1	197.1
75°	1023.7	951.7	876.6	799.1	719.2	638.1	561.9	484.0	404.5	323.8	264.2
72.5°	1255.1	1174.3	1090.7	1003.9	910.8	815.2	717.4	620.2	527.7	433.7	338.4
70°	1500.9	1396.0	1296.6	1197.9	1096.5	991.4	879.7	765.8	649.7	542.4	433.7
67.5°	1759.0	1640.9	1518.7	1392.8	1275.3	1158.4	1038.8	912.2	782.0	649.7	527.7
65°	2093.7	1921.0	1747.1	1607.2	1463.5	1322.0	1189.5	1054.3	912.2	765.8	620.2
62.5°	2462.6	2234.9	2038.5	1836.4	1660.7	1499.1	1337.7	1189.5	1038.8	879.7	717.4
60°	2876.0	2613.2	2342.1	2109.6	1883.6	1678.6	1499.1	1322.0	1158.4	991.4	815.2
57.5°	3350.6	3008.7	2704.2	2402.6	2133.4	1883.6	1660.7	1463.5	1275.3	1096.5	910.8
55°	3858.2	3461.6	3082.3	2734.7	2402.6	2109.6	1836.4	1607.2	1392.8	1197.9	1003.9
52.5°	4466.7	3955.0	3498.8	3082.3	2704.2	2342.1	2038.5	1747.1	1518.7	1296.6	1090.7
50°	5110.8	4515.7	3955.0	3461.6	3008.7	2613.2	2234.9	1921.0	1640.9	1396.0	1174.3
47.5°	5785.3	5110.8	4466.7	3858.2	3350.6	2876.0	2462.6	2093.7	1759.0	1500.9	1255.1
45°	6456.9	5727.1	4995.9	4320.3	3681.5	3167.2	2694.9	2260.4	1907.9	1602.0	1332.9
42.5°	7113.1	6335.5	5553.2	4767.6	4078.4	3460.7	2918.5	2456.7	2051.6	1699.0	1413.3
40°	7721.9	6928.9	6094.3	5266.0	4475.0	3744.2	3170.4	2650.7	2189.2	1801.2	1494.2
37.5°	8305.0	7484.7	6625.1	5743.3	4869.5	4092.2	3415.6	2835.7	2329.8	1917.1	1571.2
35°	8804.1	8005.7	7131.6	6205.8	5288.6	4423.0	3648.5	3024.5	2486.8	2027.0	1644.1
32.5°	9274.7	8483.2	7593.1	6650.3	5685.3	4735.7	3907.4	3223.0	2634.9	2130.4	1712.6
30°	9687.3	8897.2	8026.6	7068.9	6061.8	5073.0	4174.3	3409.2	2773.6	2227.3	1781.5
27.5°	10064.9	9285.5	8422.6	7447.6	6421.0	5391.1	4423.0	3582.4	2902.5	2326.2	1859.8
25°	10407.3	9620.9	8756.0	7794.3	6753.5	5685.3	4652.7	3744.2	3036.9	2431.1	1931.9
22.5°	10700.0	9920.6	9062.2	8112.4	7058.1	5954.8	4879.5	3933.2	3167.2	2526.8	1997.7
20°	10966.4	10193.0	9340.2	8394.6	7326.9	6205.8	5099.9	4103.8	3284.7	2613.2	2056.9
17.5°	11202.1	10425.6	9568.7	8622.3	7562.1	6429.5	5296.1	4255.6	3389.1	2689.9	2109.6
15°	11395.4	10618.8	9765.2	8821.8	7767.8	6625.1	5467.5	4388.1	3480.3	2756.8	2155.5
12.5°	11560.9	10784.1	9933.2	8992.1	7943.2	6791.7	5613.5	4500.9	3557.8	2813.7	2194.5
10°	11697.8	10920.7	10071.8	9132.5	8087.8	6928.9	5733.6	4593.6	3621.6	2860.4	2226.5
7.5°	11805.2	11027.7	10180.4	9242.4	8200.8	7036.2	5827.5	4666.1	3671.4	2896.9	2251.5
5°	11882.4	11104.6	10258.3	9321.2	8281.9	7113.1	5894.7	4718.0	3707.0	2923.0	2269.4
2.5°	11929.0	11150.9	10305.2	9368.7	8330.7	7159.4	5935.2	4749.2	3728.4	2938.8	2280.2
0°	11944.5	11166.4	10320.9	9384.5	8347.0	7174.8	5948.7	4759.6	3735.6	2944.0	2283.8
-2.5°	11929.0	11150.9	10305.2	9368.7	8330.7	7159.4	5935.2	4749.2	3728.4	2938.8	2280.2
-5°	11882.4	11104.6	10258.3	9321.2	8281.9	7113.1	5894.7	4718.0	3707.0	2923.0	2269.4
-7.5°	11805.2	11027.7	10180.4	9242.4	8200.8	7036.2	5827.5	4666.1	3671.4	2896.9	2251.5
-10°	11697.8	10920.7	10071.8	9132.5	8087.8	6928.9	5733.6	4593.6	3621.6	2860.4	2226.5
-12.5°	11560.9	10784.1	9933.2	8992.1	7943.2	6791.7	5613.5	4500.9	3557.8	2813.7	2194.5
-15°	11395.4	10618.8	9765.2	8821.8	7767.8	6625.1	5467.5	4388.1	3480.3	2756.8	2155.5
-17.5°	11202.1	10425.6	9568.7	8622.3	7562.1	6429.5	5296.1	4255.6	3389.1	2689.9	2109.6
-20°	10966.4	10193.0	9340.2	8394.6	7326.9	6205.8	5099.9	4103.8	3284.7	2613.2	2056.9



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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°	10700.0	9920.6	9062.2	8112.4	7058.1	5954.8	4879.5	3933.2	3167.2	2526.8	1997.7
-25°	10407.3	9620.9	8756.0	7794.3	6753.5	5685.3	4652.7	3744.2	3036.9	2431.1	1931.9
-27.5°	10064.9	9285.5	8422.6	7447.6	6421.0	5391.1	4423.0	3582.4	2902.5	2326.2	1859.8
-30°	9687.3	8897.2	8026.6	7068.9	6061.8	5073.0	4174.3	3409.2	2773.6	2227.3	1781.5
-32.5°	9274.7	8483.2	7593.1	6650.3	5685.3	4735.7	3907.4	3223.0	2634.9	2130.4	1712.6
-35°	8804.1	8005.7	7131.6	6205.8	5288.6	4423.0	3648.5	3024.5	2486.8	2027.0	1644.1
-37.5°	8305.0	7484.7	6625.1	5743.3	4869.5	4092.2	3415.6	2835.7	2329.8	1917.1	1571.2
-40°	7721.9	6928.9	6094.3	5266.0	4475.0	3744.2	3170.4	2650.7	2189.2	1801.2	1494.2
-42.5°	7113.1	6335.5	5553.2	4767.6	4078.4	3460.7	2918.5	2456.7	2051.6	1699.0	1413.3
-45°	6456.9	5727.1	4995.9	4320.3	3681.5	3167.2	2694.9	2260.4	1907.9	1602.0	1332.9
-47.5°	5785.3	5110.8	4466.7	3858.2	3350.6	2876.0	2462.6	2093.7	1759.0	1500.9	1255.1
-50°	5110.8	4515.7	3955.0	3461.6	3008.7	2613.2	2234.9	1921.0	1640.9	1396.0	1174.3
-52.5°	4466.7	3955.0	3498.8	3082.3	2704.2	2342.1	2038.5	1747.1	1518.7	1296.6	1090.7
-55°	3858.2	3461.6	3082.3	2734.7	2402.6	2109.6	1836.4	1607.2	1392.8	1197.9	1003.9
-57.5°	3350.6	3008.7	2704.2	2402.6	2133.4	1883.6	1660.7	1463.5	1275.3	1096.5	910.8
-60°	2876.0	2613.2	2342.1	2109.6	1883.6	1678.6	1499.1	1322.0	1158.4	991.4	815.2
-62.5°	2462.6	2234.9	2038.5	1836.4	1660.7	1499.1	1337.7	1189.5	1038.8	879.7	717.4
-65°	2093.7	1921.0	1747.1	1607.2	1463.5	1322.0	1189.5	1054.3	912.2	765.8	620.2
-67.5°	1759.0	1640.9	1518.7	1392.8	1275.3	1158.4	1038.8	912.2	782.0	649.7	527.7
-70°	1500.9	1396.0	1296.6	1197.9	1096.5	991.4	879.7	765.8	649.7	542.4	433.7
-72.5°	1255.1	1174.3	1090.7	1003.9	910.8	815.2	717.4	620.2	527.7	433.7	338.4
-75°	1023.7	951.7	876.6	799.1	719.2	638.1	561.9	484.0	404.5	323.8	264.2
-77.5°	780.1	719.7	657.2	597.5	537.1	475.0	411.4	346.4	290.5	244.1	197.1
-80°	545.0	501.2	455.7	408.8	360.4	311.6	276.6	240.8	204.3	167.1	129.4
-82.5°	321.2	296.1	272.7	248.6	223.6	198.0	171.7	144.9	117.5	89.6	75.8
-85°	164.4	149.4	133.8	117.7	101.1	84.1	77.7	71.1	64.4	57.5	50.6
-87.5°	56.9	54.1	51.2	48.3	45.2	42.1	38.9	35.6	32.2	28.8	25.3
-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°	21.8	18.2	14.6	11.0	7.3	3.7	0.0
85°	43.5	36.4	29.2	22.0	14.7	7.3	0.0
82.5°	65.2	54.5	43.7	32.9	22.0	11.0	0.0
80°	91.2	72.5	58.2	43.7	29.2	14.6	0.0
77.5°	149.4	101.2	72.5	54.5	36.4	18.2	0.0
75°	207.1	149.4	91.2	65.2	43.5	21.8	0.0
72.5°	264.2	197.1	129.4	75.8	50.6	25.3	0.0
70°	323.8	244.1	167.1	89.6	57.5	28.8	0.0
67.5°	404.5	290.5	204.3	117.5	64.4	32.2	0.0
65°	484.0	346.4	240.8	144.9	71.1	35.6	0.0
62.5°	561.9	411.4	276.6	171.7	77.7	38.9	0.0
60°	638.1	475.0	311.6	198.0	84.1	42.1	0.0
57.5°	719.2	537.1	360.4	223.6	101.1	45.2	0.0
55°	799.1	597.5	408.8	248.6	117.7	48.3	0.0
52.5°	876.6	657.2	455.7	272.7	133.8	51.2	0.0
50°	951.7	719.7	501.2	296.1	149.4	54.1	0.0
47.5°	1023.7	780.1	545.0	321.2	164.4	56.9	0.0
45°	1090.3	838.2	587.1	352.7	178.9	59.5	0.0
42.5°	1154.1	893.8	627.4	383.0	192.7	62.1	0.0
40°	1215.1	946.9	667.9	411.8	205.9	64.5	0.0
37.5°	1273.0	997.4	708.2	439.2	218.4	66.8	0.0
35°	1327.8	1043.7	746.2	465.0	230.3	69.0	0.0
32.5°	1381.4	1086.5	782.0	489.4	241.4	71.0	0.0
30°	1436.2	1126.5	815.5	512.1	251.8	72.9	0.0
27.5°	1487.0	1163.6	846.5	533.1	261.4	74.7	0.0
25°	1533.7	1197.8	875.1	552.5	270.3	76.3	0.0
22.5°	1576.4	1229.0	901.1	570.2	278.3	77.8	0.0
20°	1614.8	1257.0	924.5	586.1	285.6	79.1	0.0
17.5°	1648.9	1281.9	945.3	600.2	292.0	80.3	0.0
15°	1678.6	1303.6	963.4	612.4	297.6	81.3	0.0
12.5°	1703.9	1322.0	978.7	622.9	302.4	82.2	0.0
10°	1724.6	1337.2	991.4	631.4	306.3	82.9	0.0
7.5°	1740.8	1349.0	1001.2	638.1	309.4	83.5	0.0
5°	1752.4	1357.4	1008.3	642.9	311.6	83.9	0.0
2.5°	1759.4	1362.5	1012.5	645.7	312.9	84.1	0.0
0°	1761.7	1364.2	1013.9	646.7	313.3	84.2	0.0
-2.5°	1759.4	1362.5	1012.5	645.7	312.9	84.1	0.0
-5°	1752.4	1357.4	1008.3	642.9	311.6	83.9	0.0
-7.5°	1740.8	1349.0	1001.2	638.1	309.4	83.5	0.0
-10°	1724.6	1337.2	991.4	631.4	306.3	82.9	0.0
-12.5°	1703.9	1322.0	978.7	622.9	302.4	82.2	0.0
-15°	1678.6	1303.6	963.4	612.4	297.6	81.3	0.0
-17.5°	1648.9	1281.9	945.3	600.2	292.0	80.3	0.0
-20°	1614.8	1257.0	924.5	586.1	285.6	79.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1576.4	1229.0	901.1	570.2	278.3	77.8	0.0
-25°	1533.7	1197.8	875.1	552.5	270.3	76.3	0.0
-27.5°	1487.0	1163.6	846.5	533.1	261.4	74.7	0.0
-30°	1436.2	1126.5	815.5	512.1	251.8	72.9	0.0
-32.5°	1381.4	1086.5	782.0	489.4	241.4	71.0	0.0
-35°	1327.8	1043.7	746.2	465.0	230.3	69.0	0.0
-37.5°	1273.0	997.4	708.2	439.2	218.4	66.8	0.0
-40°	1215.1	946.9	667.9	411.8	205.9	64.5	0.0
-42.5°	1154.1	893.8	627.4	383.0	192.7	62.1	0.0
-45°	1090.3	838.2	587.1	352.7	178.9	59.5	0.0
-47.5°	1023.7	780.1	545.0	321.2	164.4	56.9	0.0
-50°	951.7	719.7	501.2	296.1	149.4	54.1	0.0
-52.5°	876.6	657.2	455.7	272.7	133.8	51.2	0.0
-55°	799.1	597.5	408.8	248.6	117.7	48.3	0.0
-57.5°	719.2	537.1	360.4	223.6	101.1	45.2	0.0
-60°	638.1	475.0	311.6	198.0	84.1	42.1	0.0
-62.5°	561.9	411.4	276.6	171.7	77.7	38.9	0.0
-65°	484.0	346.4	240.8	144.9	71.1	35.6	0.0
-67.5°	404.5	290.5	204.3	117.5	64.4	32.2	0.0
-70°	323.8	244.1	167.1	89.6	57.5	28.8	0.0
-72.5°	264.2	197.1	129.4	75.8	50.6	25.3	0.0
-75°	207.1	149.4	91.2	65.2	43.5	21.8	0.0
-77.5°	149.4	101.2	72.5	54.5	36.4	18.2	0.0
-80°	91.2	72.5	58.2	43.7	29.2	14.6	0.0
-82.5°	65.2	54.5	43.7	32.9	22.0	11.0	0.0
-85°	43.5	36.4	29.2	22.0	14.7	7.3	0.0
-87.5°	21.8	18.2	14.6	11.0	7.3	3.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)