

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: McGRAW-EDISON

Report Number: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3E-930-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

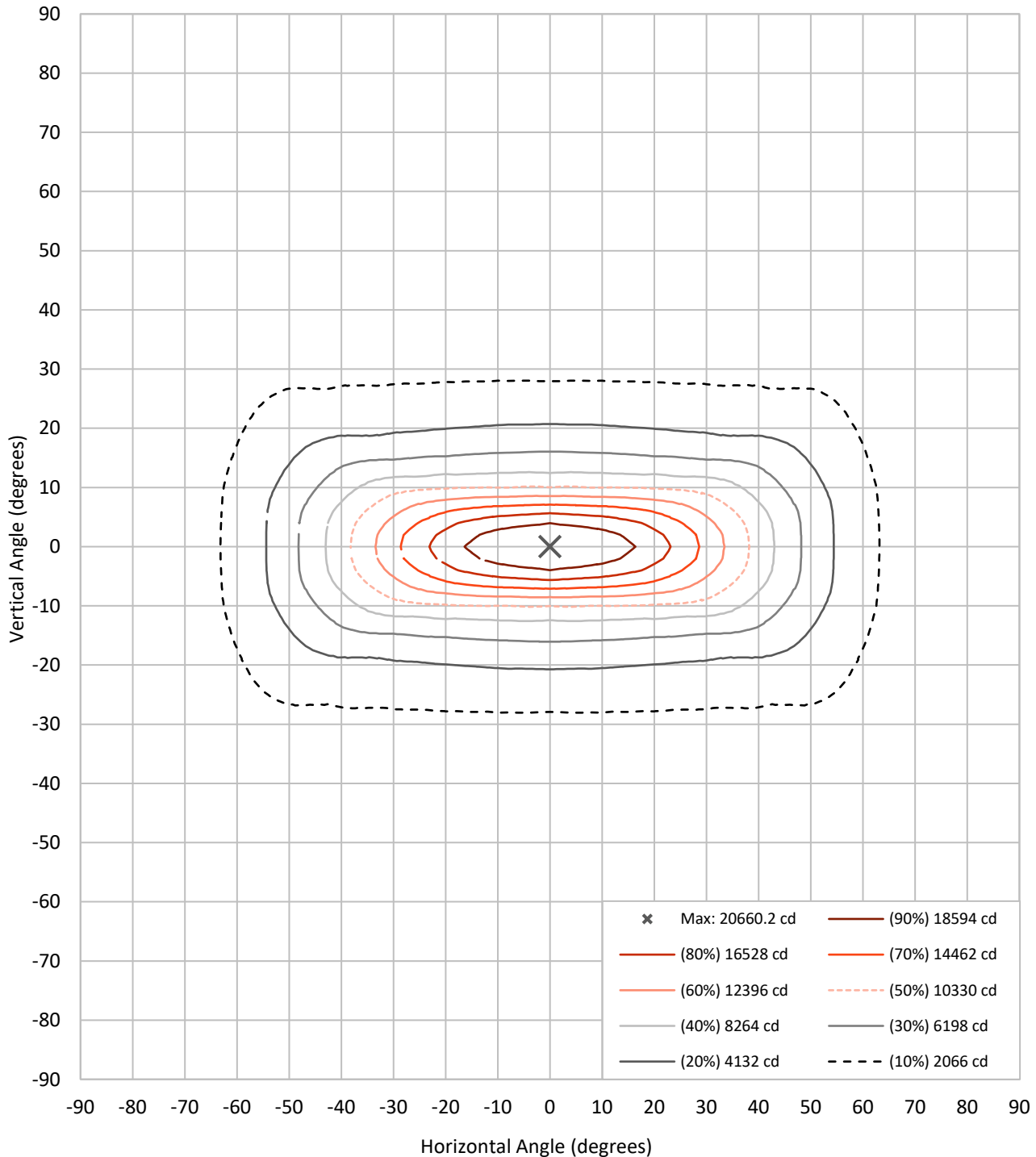
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	14796.4 lumens	Max Intensity:	20660.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	81.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5920 lumens	Field Lumens:	12127.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 182
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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CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

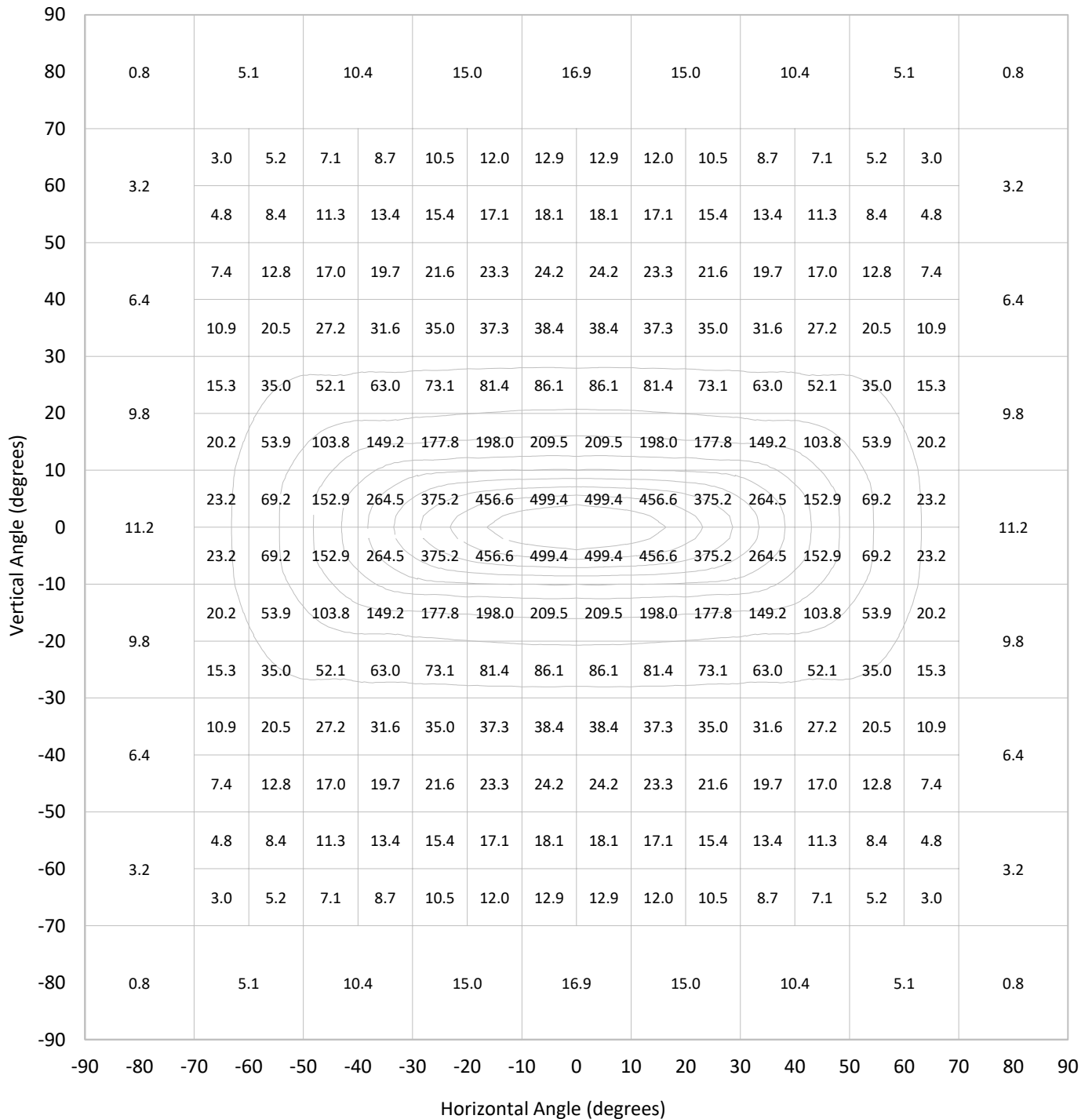
Iso-Candela Plot





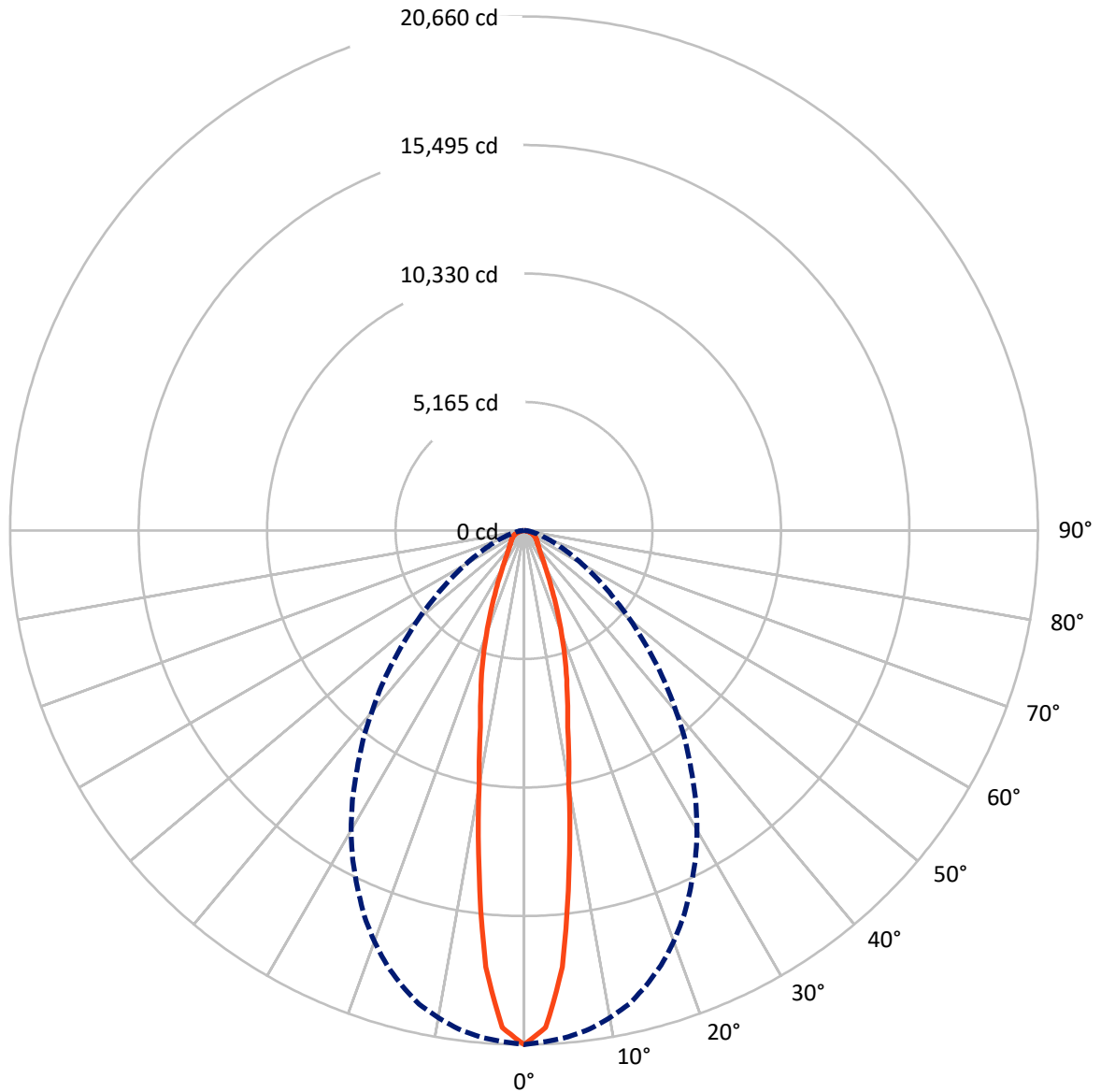
REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

Lumen Table



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
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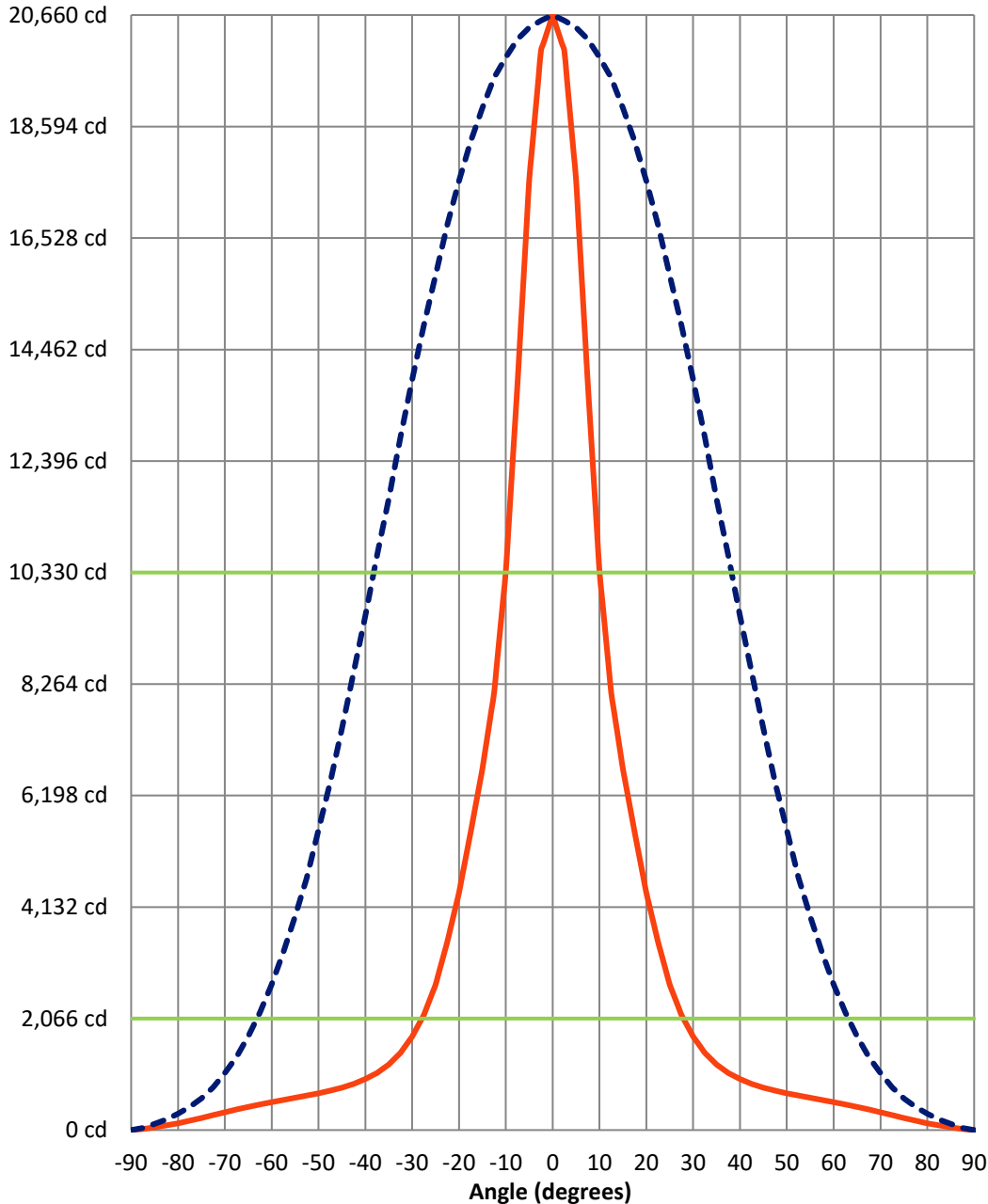
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 5920
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 12127.2
 Efficiency: 82.0%

Spill:
 Lumens: 2669.2
 Efficiency: 18.0%

— Vertical Distribution through 0-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	1.7	3.4	4.9	6.2	7.3	8.2	9.3	10.4	11.3	12.2
85°	0.0	3.4	6.9	9.8	12.4	14.6	16.5	18.7	20.7	22.6	24.3
82.5°	0.0	5.1	10.3	14.7	18.5	21.9	24.7	28.0	31.7	37.8	43.4
80°	0.0	6.8	13.7	19.5	24.7	29.2	33.9	43.1	51.6	59.4	66.4
77.5°	0.0	8.5	17.0	24.4	30.8	38.7	49.8	61.0	71.4	80.9	89.9
75°	0.0	10.2	20.4	29.2	37.9	52.5	65.8	78.9	91.5	104.2	115.0
72.5°	0.0	11.8	23.7	34.0	49.2	66.1	81.6	97.5	113.9	128.1	140.2
70°	0.0	13.5	26.9	39.5	60.4	79.7	97.8	118.0	136.3	152.2	167.8
67.5°	0.0	15.1	30.1	48.0	71.5	93.2	116.2	138.4	158.7	179.6	196.3
65°	0.0	16.6	33.3	56.5	82.5	107.9	134.6	158.8	184.7	207.2	226.9
62.5°	0.0	18.2	36.3	64.8	93.3	123.6	152.8	181.7	210.7	236.0	261.8
60°	0.0	19.7	39.4	73.0	104.0	139.2	171.0	205.5	236.9	268.7	296.8
57.5°	0.0	21.2	44.7	81.0	116.6	154.7	191.6	229.4	266.1	301.6	334.8
55°	0.0	22.6	49.9	88.9	129.1	170.0	212.3	253.1	296.1	335.6	374.9
52.5°	0.0	24.0	55.0	96.6	141.4	185.4	232.7	279.7	326.0	374.2	416.1
50°	0.0	25.3	60.0	104.1	153.4	202.3	252.8	306.8	357.7	413.4	465.0
47.5°	0.0	26.6	64.8	111.8	165.2	218.9	273.1	334.0	393.8	453.3	516.5
45°	0.0	27.9	69.4	120.5	176.8	235.1	296.7	361.3	430.7	501.9	569.9
42.5°	0.0	29.0	73.9	128.9	188.0	250.8	320.1	391.5	467.7	551.7	630.6
40°	0.0	30.2	78.1	136.7	199.5	266.2	343.2	423.5	507.1	602.4	694.5
37.5°	0.0	31.3	82.2	144.0	211.3	281.0	366.0	455.1	551.9	655.6	760.6
35°	0.0	32.3	86.1	150.9	222.6	297.9	388.5	486.2	596.5	714.5	832.0
32.5°	0.0	33.2	89.7	157.2	233.4	315.6	411.6	516.8	640.7	774.2	910.7
30°	0.0	34.1	93.2	163.1	243.7	332.7	436.3	548.4	684.5	834.4	991.2
27.5°	0.0	34.9	96.4	168.5	252.3	349.2	460.1	584.0	730.3	894.8	1073.2
25°	0.0	35.7	99.4	173.5	260.3	364.9	483.0	618.6	779.7	960.6	1156.3
22.5°	0.0	36.4	102.2	177.9	267.6	379.0	504.9	652.1	828.2	1028.6	1247.3
20°	0.0	37.0	104.7	181.8	274.3	389.8	525.7	684.1	875.4	1095.6	1337.4
17.5°	0.0	37.6	106.9	185.3	280.4	399.2	541.4	714.6	921.0	1161.2	1426.0
15°	0.0	38.1	108.9	188.2	285.9	407.4	553.0	738.6	964.7	1224.7	1512.4
12.5°	0.0	38.5	110.7	190.7	290.6	414.2	563.1	754.2	996.0	1285.6	1595.8
10°	0.0	38.8	112.1	192.6	294.7	419.7	571.3	767.1	1016.1	1314.3	1660.8
7.5°	0.0	39.1	113.3	194.1	298.0	423.9	577.9	777.3	1032.3	1333.1	1690.2
5°	0.0	39.2	114.2	195.1	300.5	426.9	582.6	784.8	1044.5	1346.2	1713.1
2.5°	0.0	39.4	114.9	195.6	302.3	428.6	585.6	789.5	1052.7	1353.5	1728.9
0°	0.0	39.4	115.2	195.6	303.2	429.0	586.7	791.4	1056.7	1355.3	1737.3
-2.5°	0.0	39.4	114.9	195.6	302.3	428.6	585.6	789.5	1052.7	1353.5	1728.9
-5°	0.0	39.2	114.2	195.1	300.5	426.9	582.6	784.8	1044.5	1346.2	1713.1
-7.5°	0.0	39.1	113.3	194.1	298.0	423.9	577.9	777.3	1032.3	1333.1	1690.2
-10°	0.0	38.8	112.1	192.6	294.7	419.7	571.3	767.1	1016.1	1314.3	1660.8
-12.5°	0.0	38.5	110.7	190.7	290.6	414.2	563.1	754.2	996.0	1285.6	1595.8
-15°	0.0	38.1	108.9	188.2	285.9	407.4	553.0	738.6	964.7	1224.7	1512.4
-17.5°	0.0	37.6	106.9	185.3	280.4	399.2	541.4	714.6	921.0	1161.2	1426.0
-20°	0.0	37.0	104.7	181.8	274.3	389.8	525.7	684.1	875.4	1095.6	1337.4



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 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	36.4	102.2	177.9	267.6	379.0	504.9	652.1	828.2	1028.6	1247.3
-25°	0.0	35.7	99.4	173.5	260.3	364.9	483.0	618.6	779.7	960.6	1156.3
-27.5°	0.0	34.9	96.4	168.5	252.3	349.2	460.1	584.0	730.3	894.8	1073.2
-30°	0.0	34.1	93.2	163.1	243.7	332.7	436.3	548.4	684.5	834.4	991.2
-32.5°	0.0	33.2	89.7	157.2	233.4	315.6	411.6	516.8	640.7	774.2	910.7
-35°	0.0	32.3	86.1	150.9	222.6	297.9	388.5	486.2	596.5	714.5	832.0
-37.5°	0.0	31.3	82.2	144.0	211.3	281.0	366.0	455.1	551.9	655.6	760.6
-40°	0.0	30.2	78.1	136.7	199.5	266.2	343.2	423.5	507.1	602.4	694.5
-42.5°	0.0	29.0	73.9	128.9	188.0	250.8	320.1	391.5	467.7	551.7	630.6
-45°	0.0	27.9	69.4	120.5	176.8	235.1	296.7	361.3	430.7	501.9	569.9
-47.5°	0.0	26.6	64.8	111.8	165.2	218.9	273.1	334.0	393.8	453.3	516.5
-50°	0.0	25.3	60.0	104.1	153.4	202.3	252.8	306.8	357.7	413.4	465.0
-52.5°	0.0	24.0	55.0	96.6	141.4	185.4	232.7	279.7	326.0	374.2	416.1
-55°	0.0	22.6	49.9	88.9	129.1	170.0	212.3	253.1	296.1	335.6	374.9
-57.5°	0.0	21.2	44.7	81.0	116.6	154.7	191.6	229.4	266.1	301.6	334.8
-60°	0.0	19.7	39.4	73.0	104.0	139.2	171.0	205.5	236.9	268.7	296.8
-62.5°	0.0	18.2	36.3	64.8	93.3	123.6	152.8	181.7	210.7	236.0	261.8
-65°	0.0	16.6	33.3	56.5	82.5	107.9	134.6	158.8	184.7	207.2	226.9
-67.5°	0.0	15.1	30.1	48.0	71.5	93.2	116.2	138.4	158.7	179.6	196.3
-70°	0.0	13.5	26.9	39.5	60.4	79.7	97.8	118.0	136.3	152.2	167.8
-72.5°	0.0	11.8	23.7	34.0	49.2	66.1	81.6	97.5	113.9	128.1	140.2
-75°	0.0	10.2	20.4	29.2	37.9	52.5	65.8	78.9	91.5	104.2	115.0
-77.5°	0.0	8.5	17.0	24.4	30.8	38.7	49.8	61.0	71.4	80.9	89.9
-80°	0.0	6.8	13.7	19.5	24.7	29.2	33.9	43.1	51.6	59.4	66.4
-82.5°	0.0	5.1	10.3	14.7	18.5	21.9	24.7	28.0	31.7	37.8	43.4
-85°	0.0	3.4	6.9	9.8	12.4	14.6	16.5	18.7	20.7	22.6	24.3
-87.5°	0.0	1.7	3.4	4.9	6.2	7.3	8.2	9.3	10.4	11.3	12.2
-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: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-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°	13.1	14.0	14.9	15.7	16.4	17.1	17.7	18.2	19.0	19.8	20.5
85°	26.2	28.0	31.0	33.5	35.8	37.8	39.5	40.9	42.4	43.6	44.5
82.5°	48.2	52.3	55.5	58.0	60.7	63.2	65.3	67.1	69.0	70.7	72.2
80°	72.1	76.7	81.4	85.5	89.6	92.7	94.6	95.4	97.8	100.8	104.0
77.5°	97.8	104.7	110.9	116.2	120.5	124.3	127.0	128.7	132.5	136.9	140.8
75°	124.4	132.9	141.4	148.8	154.7	159.1	162.2	164.9	169.4	175.2	180.2
72.5°	152.1	163.5	173.6	182.3	190.2	196.2	200.7	203.6	208.2	215.0	220.5
70°	181.3	194.4	208.0	219.2	227.6	234.7	240.6	244.7	248.8	255.7	260.9
67.5°	211.5	230.1	245.3	257.1	266.5	275.2	281.8	286.2	288.1	295.0	300.9
65°	247.0	267.0	283.8	297.1	306.5	317.3	324.8	328.5	329.6	337.2	344.4
62.5°	283.3	305.4	323.8	339.0	351.3	361.5	369.9	374.6	375.4	381.0	389.2
60°	322.0	344.6	366.5	384.9	398.0	408.5	417.6	422.6	423.6	425.8	435.2
57.5°	362.3	386.7	412.4	433.0	448.2	456.9	466.9	472.3	474.5	473.2	482.9
55°	406.2	431.6	460.5	484.5	500.8	508.7	518.0	525.9	528.6	526.8	532.6
52.5°	455.9	481.2	512.1	538.4	556.6	566.1	572.6	582.2	586.5	584.6	583.4
50°	508.1	539.9	565.5	595.6	617.6	630.0	630.2	642.1	647.7	646.0	638.1
47.5°	567.2	603.1	622.5	657.0	685.5	700.2	701.2	705.9	712.9	714.8	708.1
45°	631.1	674.9	695.7	726.5	758.5	776.5	782.0	773.5	786.1	790.0	785.8
42.5°	698.4	754.3	787.1	799.6	836.8	861.8	871.5	865.5	864.9	873.7	873.5
40°	776.1	840.3	889.5	902.5	921.3	955.9	976.4	975.3	952.3	968.7	972.9
37.5°	859.2	942.6	1003.4	1030.5	1016.3	1062.4	1092.4	1104.5	1090.2	1074.1	1092.5
35°	946.6	1052.0	1134.0	1180.2	1182.2	1181.1	1228.1	1253.3	1255.0	1225.6	1232.3
32.5°	1044.4	1168.2	1276.8	1351.4	1385.3	1364.4	1376.6	1429.5	1455.4	1444.2	1401.8
30°	1149.5	1301.4	1434.6	1539.8	1615.5	1637.8	1587.4	1628.6	1686.1	1709.0	1690.6
27.5°	1255.8	1442.7	1611.6	1757.5	1874.8	1949.1	1950.8	1887.0	1952.2	2007.4	2028.8
25°	1363.7	1584.1	1799.3	1997.0	2174.5	2302.3	2361.1	2367.9	2276.8	2359.6	2436.8
22.5°	1478.7	1729.5	1984.9	2252.1	2499.5	2687.0	2829.6	2915.5	2912.7	2825.8	2893.7
20°	1600.5	1887.9	2185.2	2502.2	2839.5	3097.4	3336.3	3519.0	3629.1	3665.6	3594.4
17.5°	1722.0	2047.6	2395.5	2773.0	3163.4	3520.8	3878.9	4170.5	4401.5	4591.2	4659.0
15°	1842.0	2206.9	2606.6	3045.7	3496.8	3944.3	4404.7	4851.2	5244.3	5591.4	5797.1
12.5°	1959.2	2364.1	2816.1	3317.2	3834.8	4373.5	4922.9	5466.9	6033.2	6595.3	7022.5
10°	2072.3	2517.2	3021.2	3583.9	4172.6	4802.6	5440.1	6085.7	6773.8	7436.7	8074.9
7.5°	2120.6	2617.2	3197.9	3842.2	4504.7	5225.1	5949.5	6699.1	7503.0	8276.5	9055.8
5°	2150.4	2656.9	3247.6	3918.8	4655.8	5500.8	6365.2	7293.7	8211.0	9101.6	10019.9
2.5°	2170.2	2684.1	3280.8	3949.1	4678.3	5546.1	6421.3	7385.4	8414.6	9444.4	10537.7
0°	2180.0	2698.5	3297.3	3958.3	4675.4	5560.7	6443.0	7437.5	8480.6	9528.1	10646.9
-2.5°	2170.2	2684.1	3280.8	3949.1	4678.3	5546.1	6421.3	7385.4	8414.6	9444.4	10537.7
-5°	2150.4	2656.9	3247.6	3918.8	4655.8	5500.8	6365.2	7293.7	8211.0	9101.6	10019.9
-7.5°	2120.6	2617.2	3197.9	3842.2	4504.7	5225.1	5949.5	6699.1	7503.0	8276.5	9055.8
-10°	2072.3	2517.2	3021.2	3583.9	4172.6	4802.6	5440.1	6085.7	6773.8	7436.7	8074.9
-12.5°	1959.2	2364.1	2816.1	3317.2	3834.8	4373.5	4922.9	5466.9	6033.2	6595.3	7022.5
-15°	1842.0	2206.9	2606.6	3045.7	3496.8	3944.3	4404.7	4851.2	5244.3	5591.4	5797.1
-17.5°	1722.0	2047.6	2395.5	2773.0	3163.4	3520.8	3878.9	4170.5	4401.5	4591.2	4659.0
-20°	1600.5	1887.9	2185.2	2502.2	2839.5	3097.4	3336.3	3519.0	3629.1	3665.6	3594.4



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1478.7	1729.5	1984.9	2252.1	2499.5	2687.0	2829.6	2915.5	2912.7	2825.8	2893.7
-25°	1363.7	1584.1	1799.3	1997.0	2174.5	2302.3	2361.1	2367.9	2276.8	2359.6	2436.8
-27.5°	1255.8	1442.7	1611.6	1757.5	1874.8	1949.1	1950.8	1887.0	1952.2	2007.4	2028.8
-30°	1149.5	1301.4	1434.6	1539.8	1615.5	1637.8	1587.4	1628.6	1686.1	1709.0	1690.6
-32.5°	1044.4	1168.2	1276.8	1351.4	1385.3	1364.4	1376.6	1429.5	1455.4	1444.2	1401.8
-35°	946.6	1052.0	1134.0	1180.2	1182.2	1181.1	1228.1	1253.3	1255.0	1225.6	1232.3
-37.5°	859.2	942.6	1003.4	1030.5	1016.3	1062.4	1092.4	1104.5	1090.2	1074.1	1092.5
-40°	776.1	840.3	889.5	902.5	921.3	955.9	976.4	975.3	952.3	968.7	972.9
-42.5°	698.4	754.3	787.1	799.6	836.8	861.8	871.5	865.5	864.9	873.7	873.5
-45°	631.1	674.9	695.7	726.5	758.5	776.5	782.0	773.5	786.1	790.0	785.8
-47.5°	567.2	603.1	622.5	657.0	685.5	700.2	701.2	705.9	712.9	714.8	708.1
-50°	508.1	539.9	565.5	595.6	617.6	630.0	630.2	642.1	647.7	646.0	638.1
-52.5°	455.9	481.2	512.1	538.4	556.6	566.1	572.6	582.2	586.5	584.6	583.4
-55°	406.2	431.6	460.5	484.5	500.8	508.7	518.0	525.9	528.6	526.8	532.6
-57.5°	362.3	386.7	412.4	433.0	448.2	456.9	466.9	472.3	474.5	473.2	482.9
-60°	322.0	344.6	366.5	384.9	398.0	408.5	417.6	422.6	423.6	425.8	435.2
-62.5°	283.3	305.4	323.8	339.0	351.3	361.5	369.9	374.6	375.4	381.0	389.2
-65°	247.0	267.0	283.8	297.1	306.5	317.3	324.8	328.5	329.6	337.2	344.4
-67.5°	211.5	230.1	245.3	257.1	266.5	275.2	281.8	286.2	288.1	295.0	300.9
-70°	181.3	194.4	208.0	219.2	227.6	234.7	240.6	244.7	248.8	255.7	260.9
-72.5°	152.1	163.5	173.6	182.3	190.2	196.2	200.7	203.6	208.2	215.0	220.5
-75°	124.4	132.9	141.4	148.8	154.7	159.1	162.2	164.9	169.4	175.2	180.2
-77.5°	97.8	104.7	110.9	116.2	120.5	124.3	127.0	128.7	132.5	136.9	140.8
-80°	72.1	76.7	81.4	85.5	89.6	92.7	94.6	95.4	97.8	100.8	104.0
-82.5°	48.2	52.3	55.5	58.0	60.7	63.2	65.3	67.1	69.0	70.7	72.2
-85°	26.2	28.0	31.0	33.5	35.8	37.8	39.5	40.9	42.4	43.6	44.5
-87.5°	13.1	14.0	14.9	15.7	16.4	17.1	17.7	18.2	19.0	19.8	20.5
-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: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-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°	21.1	20.8	20.4	19.8	19.2	19.2	19.2	19.1	19.0	18.9	18.7
85°	45.2	46.0	46.8	47.6	48.3	49.1	49.8	50.4	50.8	50.8	50.6
82.5°	73.5	76.0	78.4	80.7	82.9	84.1	84.9	85.4	85.7	86.4	87.0
80°	106.7	110.3	113.6	116.4	118.6	120.3	121.7	122.8	123.6	124.4	125.0
77.5°	144.3	148.3	152.2	155.6	158.4	161.2	163.5	165.3	166.6	168.8	170.7
75°	184.3	188.9	193.6	197.9	201.7	205.6	209.6	213.2	216.4	219.1	221.2
72.5°	224.8	229.6	235.4	240.8	245.9	251.3	256.6	261.2	265.2	269.0	272.4
70°	264.7	269.2	276.7	284.0	290.8	297.2	303.6	309.3	314.4	319.3	323.7
67.5°	306.0	310.7	320.0	328.5	336.0	343.1	350.5	357.1	362.9	368.0	372.5
65°	350.0	354.1	364.2	373.5	381.4	388.1	396.1	403.3	409.8	415.4	420.2
62.5°	395.5	399.7	408.0	417.1	424.7	431.1	440.5	448.6	455.5	461.3	466.1
60°	441.7	445.3	451.7	461.7	470.2	477.2	485.5	493.4	500.1	505.8	510.9
57.5°	489.7	493.3	496.4	506.4	514.6	520.9	528.2	535.9	542.4	547.8	553.0
55°	539.3	542.0	541.0	550.3	558.0	563.2	568.6	576.8	583.2	588.0	592.8
52.5°	589.9	593.2	591.0	594.9	603.2	607.9	610.2	619.1	625.7	630.0	634.3
50°	646.3	649.0	647.0	644.7	652.8	657.7	659.0	666.1	672.2	675.4	678.5
47.5°	707.6	710.8	709.2	700.3	707.5	713.7	713.8	716.9	723.1	725.6	727.5
45°	774.1	780.4	779.0	772.9	771.9	778.1	777.5	775.0	782.2	785.5	786.5
42.5°	861.4	859.3	861.3	857.8	846.8	853.8	854.7	845.7	854.7	858.6	856.3
40°	968.2	948.7	959.5	957.9	947.6	946.1	951.6	944.3	945.7	951.2	947.0
37.5°	1095.4	1081.5	1075.7	1080.5	1077.4	1064.3	1074.7	1072.2	1063.9	1073.2	1069.2
35°	1252.0	1247.8	1216.4	1235.5	1239.4	1226.9	1230.5	1236.0	1218.0	1232.1	1230.7
32.5°	1435.0	1444.3	1437.5	1425.7	1443.6	1445.8	1425.1	1450.0	1440.0	1443.6	1453.3
30°	1642.2	1689.8	1713.0	1692.2	1703.4	1725.5	1715.4	1732.7	1740.9	1727.9	1752.4
27.5°	2004.3	1987.4	2042.9	2067.0	2041.2	2081.6	2111.0	2098.0	2140.8	2115.4	2151.7
25°	2464.5	2439.7	2454.6	2534.4	2552.1	2531.6	2614.2	2623.9	2658.0	2662.1	2687.4
22.5°	3005.2	3065.0	3058.1	3082.4	3182.5	3216.1	3246.6	3326.1	3308.0	3380.0	3392.5
20°	3609.7	3760.1	3863.8	3885.5	3928.4	4043.6	4096.5	4159.1	4201.2	4269.4	4327.1
17.5°	4632.4	4555.3	4758.6	4886.2	4953.3	4977.4	5116.1	5161.3	5265.6	5325.1	5384.3
15°	5945.4	5990.4	5898.7	6020.3	6225.9	6295.4	6215.6	6401.9	6454.3	6554.6	6572.3
12.5°	7348.9	7576.1	7687.5	7717.7	7610.3	7902.7	8019.8	7872.8	8039.6	8009.5	8146.8
10°	8688.0	9240.0	9570.4	9802.9	9944.2	10029.2	10113.8	10265.8	10268.5	10381.1	10315.3
7.5°	9787.4	10487.3	11155.9	11804.5	12323.3	12614.1	12842.5	13061.5	13353.8	13493.7	13584.7
5°	10863.1	11670.5	12470.5	13256.7	13968.7	14653.6	15324.9	15907.3	16215.9	16576.5	16898.0
2.5°	11558.7	12580.1	13601.7	14613.7	15436.4	16191.2	16889.9	17538.9	18108.2	18634.8	19079.5
0°	11694.5	12837.6	13903.3	14913.0	15839.3	16771.6	17585.7	18319.5	18939.5	19498.9	19876.4
-2.5°	11558.7	12580.1	13601.7	14613.7	15436.4	16191.2	16889.9	17538.9	18108.2	18634.8	19079.5
-5°	10863.1	11670.5	12470.5	13256.7	13968.7	14653.6	15324.9	15907.3	16215.9	16576.5	16898.0
-7.5°	9787.4	10487.3	11155.9	11804.5	12323.3	12614.1	12842.5	13061.5	13353.8	13493.7	13584.7
-10°	8688.0	9240.0	9570.4	9802.9	9944.2	10029.2	10113.8	10265.8	10268.5	10381.1	10315.3
-12.5°	7348.9	7576.1	7687.5	7717.7	7610.3	7902.7	8019.8	7872.8	8039.6	8009.5	8146.8
-15°	5945.4	5990.4	5898.7	6020.3	6225.9	6295.4	6215.6	6401.9	6454.3	6554.6	6572.3
-17.5°	4632.4	4555.3	4758.6	4886.2	4953.3	4977.4	5116.1	5161.3	5265.6	5325.1	5384.3
-20°	3609.7	3760.1	3863.8	3885.5	3928.4	4043.6	4096.5	4159.1	4201.2	4269.4	4327.1



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3005.2	3065.0	3058.1	3082.4	3182.5	3216.1	3246.6	3326.1	3308.0	3380.0	3392.5
-25°	2464.5	2439.7	2454.6	2534.4	2552.1	2531.6	2614.2	2623.9	2658.0	2662.1	2687.4
-27.5°	2004.3	1987.4	2042.9	2067.0	2041.2	2081.6	2111.0	2098.0	2140.8	2115.4	2151.7
-30°	1642.2	1689.8	1713.0	1692.2	1703.4	1725.5	1715.4	1732.7	1740.9	1727.9	1752.4
-32.5°	1435.0	1444.3	1437.5	1425.7	1443.6	1445.8	1425.1	1450.0	1440.0	1443.6	1453.3
-35°	1252.0	1247.8	1216.4	1235.5	1239.4	1226.9	1230.5	1236.0	1218.0	1232.1	1230.7
-37.5°	1095.4	1081.5	1075.7	1080.5	1077.4	1064.3	1074.7	1072.2	1063.9	1073.2	1069.2
-40°	968.2	948.7	959.5	957.9	947.6	946.1	951.6	944.3	945.7	951.2	947.0
-42.5°	861.4	859.3	861.3	857.8	846.8	853.8	854.7	845.7	854.7	858.6	856.3
-45°	774.1	780.4	779.0	772.9	771.9	778.1	777.5	775.0	782.2	785.5	786.5
-47.5°	707.6	710.8	709.2	700.3	707.5	713.7	713.8	716.9	723.1	725.6	727.5
-50°	646.3	649.0	647.0	644.7	652.8	657.7	659.0	666.1	672.2	675.4	678.5
-52.5°	589.9	593.2	591.0	594.9	603.2	607.9	610.2	619.1	625.7	630.0	634.3
-55°	539.3	542.0	541.0	550.3	558.0	563.2	568.6	576.8	583.2	588.0	592.8
-57.5°	489.7	493.3	496.4	506.4	514.6	520.9	528.2	535.9	542.4	547.8	553.0
-60°	441.7	445.3	451.7	461.7	470.2	477.2	485.5	493.4	500.1	505.8	510.9
-62.5°	395.5	399.7	408.0	417.1	424.7	431.1	440.5	448.6	455.5	461.3	466.1
-65°	350.0	354.1	364.2	373.5	381.4	388.1	396.1	403.3	409.8	415.4	420.2
-67.5°	306.0	310.7	320.0	328.5	336.0	343.1	350.5	357.1	362.9	368.0	372.5
-70°	264.7	269.2	276.7	284.0	290.8	297.2	303.6	309.3	314.4	319.3	323.7
-72.5°	224.8	229.6	235.4	240.8	245.9	251.3	256.6	261.2	265.2	269.0	272.4
-75°	184.3	188.9	193.6	197.9	201.7	205.6	209.6	213.2	216.4	219.1	221.2
-77.5°	144.3	148.3	152.2	155.6	158.4	161.2	163.5	165.3	166.6	168.8	170.7
-80°	106.7	110.3	113.6	116.4	118.6	120.3	121.7	122.8	123.6	124.4	125.0
-82.5°	73.5	76.0	78.4	80.7	82.9	84.1	84.9	85.4	85.7	86.4	87.0
-85°	45.2	46.0	46.8	47.6	48.3	49.1	49.8	50.4	50.8	50.8	50.6
-87.5°	21.1	20.8	20.4	19.8	19.2	19.2	19.2	19.1	19.0	18.9	18.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-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°	18.4	18.1	18.9	19.7	18.9	18.1	18.4	18.7	18.9	19.0	19.1
85°	50.2	49.8	50.7	51.5	50.7	49.8	50.2	50.6	50.8	50.8	50.4
82.5°	87.3	87.5	87.8	87.9	87.8	87.5	87.3	87.0	86.4	85.7	85.4
80°	125.3	125.2	124.9	124.3	124.9	125.2	125.3	125.0	124.4	123.6	122.8
77.5°	172.2	173.4	174.1	174.3	174.1	173.4	172.2	170.7	168.8	166.6	165.3
75°	222.6	223.3	223.4	222.9	223.4	223.3	222.6	221.2	219.1	216.4	213.2
72.5°	275.2	277.4	277.8	277.4	277.8	277.4	275.2	272.4	269.0	265.2	261.2
70°	327.4	330.2	330.2	329.0	330.2	330.2	327.4	323.7	319.3	314.4	309.3
67.5°	376.1	378.7	380.7	382.0	380.7	378.7	376.1	372.5	368.0	362.9	357.1
65°	424.1	427.0	428.5	429.0	428.5	427.0	424.1	420.2	415.4	409.8	403.3
62.5°	469.8	472.4	474.0	474.5	474.0	472.4	469.8	466.1	461.3	455.5	448.6
60°	514.9	517.7	518.2	517.0	518.2	517.7	514.9	510.9	505.8	500.1	493.4
57.5°	557.1	560.0	560.0	557.9	560.0	560.0	557.1	553.0	547.8	542.4	535.9
55°	596.2	598.3	599.1	598.8	599.1	598.3	596.2	592.8	588.0	583.2	576.8
52.5°	637.6	639.3	640.1	639.8	640.1	639.3	637.6	634.3	630.0	625.7	619.1
50°	680.8	681.0	680.9	680.7	680.9	681.0	680.8	678.5	675.4	672.2	666.1
47.5°	730.1	730.6	730.7	730.7	730.7	730.6	730.1	727.5	725.6	723.1	716.9
45°	788.5	786.8	785.2	785.3	785.2	786.8	788.5	786.5	785.5	782.2	775.0
42.5°	858.4	856.6	854.5	855.0	854.5	856.6	858.4	856.3	858.6	854.7	845.7
40°	950.7	950.2	947.1	946.0	947.1	950.2	950.7	947.0	951.2	945.7	944.3
37.5°	1069.8	1068.1	1061.2	1058.2	1061.2	1068.1	1069.8	1069.2	1073.2	1063.9	1072.2
35°	1226.5	1224.1	1213.5	1214.3	1213.5	1224.1	1226.5	1230.7	1232.1	1218.0	1236.0
32.5°	1448.4	1449.2	1433.2	1429.6	1433.2	1449.2	1448.4	1453.3	1443.6	1440.0	1450.0
30°	1737.2	1743.5	1724.7	1732.8	1724.7	1743.5	1737.2	1752.4	1727.9	1740.9	1732.7
27.5°	2151.0	2163.1	2146.5	2133.0	2146.5	2163.1	2151.0	2151.7	2115.4	2140.8	2098.0
25°	2720.6	2729.6	2710.6	2693.9	2710.6	2729.6	2720.6	2687.4	2662.1	2658.0	2623.9
22.5°	3462.0	3461.4	3460.5	3486.8	3460.5	3461.4	3462.0	3392.5	3380.0	3308.0	3326.1
20°	4364.4	4342.5	4375.2	4396.4	4375.2	4342.5	4364.4	4327.1	4269.4	4201.2	4159.1
17.5°	5398.0	5438.9	5470.4	5522.8	5470.4	5438.9	5398.0	5384.3	5325.1	5265.6	5161.3
15°	6616.8	6678.6	6710.1	6693.2	6710.1	6678.6	6616.8	6572.3	6554.6	6454.3	6401.9
12.5°	8151.6	8225.4	8170.9	8103.1	8170.9	8225.4	8151.6	8146.8	8009.5	8039.6	7872.8
10°	10316.3	10475.2	10484.1	10351.3	10484.1	10475.2	10316.3	10315.3	10381.1	10268.5	10265.8
7.5°	13637.6	13714.8	13832.2	13838.1	13832.2	13714.8	13637.6	13584.7	13493.7	13353.8	13061.5
5°	17043.8	17249.5	17382.2	17611.5	17382.2	17249.5	17043.8	16898.0	16576.5	16215.9	15907.3
2.5°	19366.8	19632.7	19734.8	19994.6	19734.8	19632.7	19366.8	19079.5	18634.8	18108.2	17538.9
0°	20212.9	20428.2	20557.1	20660.2	20557.1	20428.2	20212.9	19876.4	19498.9	18939.5	18319.5
-2.5°	19366.8	19632.7	19734.8	19994.6	19734.8	19632.7	19366.8	19079.5	18634.8	18108.2	17538.9
-5°	17043.8	17249.5	17382.2	17611.5	17382.2	17249.5	17043.8	16898.0	16576.5	16215.9	15907.3
-7.5°	13637.6	13714.8	13832.2	13838.1	13832.2	13714.8	13637.6	13584.7	13493.7	13353.8	13061.5
-10°	10316.3	10475.2	10484.1	10351.3	10484.1	10475.2	10316.3	10315.3	10381.1	10268.5	10265.8
-12.5°	8151.6	8225.4	8170.9	8103.1	8170.9	8225.4	8151.6	8146.8	8009.5	8039.6	7872.8
-15°	6616.8	6678.6	6710.1	6693.2	6710.1	6678.6	6616.8	6572.3	6554.6	6454.3	6401.9
-17.5°	5398.0	5438.9	5470.4	5522.8	5470.4	5438.9	5398.0	5384.3	5325.1	5265.6	5161.3
-20°	4364.4	4342.5	4375.2	4396.4	4375.2	4342.5	4364.4	4327.1	4269.4	4201.2	4159.1



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3462.0	3461.4	3460.5	3486.8	3460.5	3461.4	3462.0	3392.5	3380.0	3308.0	3326.1
-25°	2720.6	2729.6	2710.6	2693.9	2710.6	2729.6	2720.6	2687.4	2662.1	2658.0	2623.9
-27.5°	2151.0	2163.1	2146.5	2133.0	2146.5	2163.1	2151.0	2151.7	2115.4	2140.8	2098.0
-30°	1737.2	1743.5	1724.7	1732.8	1724.7	1743.5	1737.2	1752.4	1727.9	1740.9	1732.7
-32.5°	1448.4	1449.2	1433.2	1429.6	1433.2	1449.2	1448.4	1453.3	1443.6	1440.0	1450.0
-35°	1226.5	1224.1	1213.5	1214.3	1213.5	1224.1	1226.5	1230.7	1232.1	1218.0	1236.0
-37.5°	1069.8	1068.1	1061.2	1058.2	1061.2	1068.1	1069.8	1069.2	1073.2	1063.9	1072.2
-40°	950.7	950.2	947.1	946.0	947.1	950.2	950.7	947.0	951.2	945.7	944.3
-42.5°	858.4	856.6	854.5	855.0	854.5	856.6	858.4	856.3	858.6	854.7	845.7
-45°	788.5	786.8	785.2	785.3	785.2	786.8	788.5	786.5	785.5	782.2	775.0
-47.5°	730.1	730.6	730.7	730.7	730.7	730.6	730.1	727.5	725.6	723.1	716.9
-50°	680.8	681.0	680.9	680.7	680.9	681.0	680.8	678.5	675.4	672.2	666.1
-52.5°	637.6	639.3	640.1	639.8	640.1	639.3	637.6	634.3	630.0	625.7	619.1
-55°	596.2	598.3	599.1	598.8	599.1	598.3	596.2	592.8	588.0	583.2	576.8
-57.5°	557.1	560.0	560.0	557.9	560.0	560.0	557.1	553.0	547.8	542.4	535.9
-60°	514.9	517.7	518.2	517.0	518.2	517.7	514.9	510.9	505.8	500.1	493.4
-62.5°	469.8	472.4	474.0	474.5	474.0	472.4	469.8	466.1	461.3	455.5	448.6
-65°	424.1	427.0	428.5	429.0	428.5	427.0	424.1	420.2	415.4	409.8	403.3
-67.5°	376.1	378.7	380.7	382.0	380.7	378.7	376.1	372.5	368.0	362.9	357.1
-70°	327.4	330.2	330.2	329.0	330.2	330.2	327.4	323.7	319.3	314.4	309.3
-72.5°	275.2	277.4	277.8	277.4	277.8	277.4	275.2	272.4	269.0	265.2	261.2
-75°	222.6	223.3	223.4	222.9	223.4	223.3	222.6	221.2	219.1	216.4	213.2
-77.5°	172.2	173.4	174.1	174.3	174.1	173.4	172.2	170.7	168.8	166.6	165.3
-80°	125.3	125.2	124.9	124.3	124.9	125.2	125.3	125.0	124.4	123.6	122.8
-82.5°	87.3	87.5	87.8	87.9	87.8	87.5	87.3	87.0	86.4	85.7	85.4
-85°	50.2	49.8	50.7	51.5	50.7	49.8	50.2	50.6	50.8	50.8	50.4
-87.5°	18.4	18.1	18.9	19.7	18.9	18.1	18.4	18.7	18.9	19.0	19.1
-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: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-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°	19.2	19.2	19.2	19.8	20.4	20.8	21.1	20.5	19.8	19.0	18.2
85°	49.8	49.1	48.3	47.6	46.8	46.0	45.2	44.5	43.6	42.4	40.9
82.5°	84.9	84.1	82.9	80.7	78.4	76.0	73.5	72.2	70.7	69.0	67.1
80°	121.7	120.3	118.6	116.4	113.6	110.3	106.7	104.0	100.8	97.8	95.4
77.5°	163.5	161.2	158.4	155.6	152.2	148.3	144.3	140.8	136.9	132.5	128.7
75°	209.6	205.6	201.7	197.9	193.6	188.9	184.3	180.2	175.2	169.4	164.9
72.5°	256.6	251.3	245.9	240.8	235.4	229.6	224.8	220.5	215.0	208.2	203.6
70°	303.6	297.2	290.8	284.0	276.7	269.2	264.7	260.9	255.7	248.8	244.7
67.5°	350.5	343.1	336.0	328.5	320.0	310.7	306.0	300.9	295.0	288.1	286.2
65°	396.1	388.1	381.4	373.5	364.2	354.1	350.0	344.4	337.2	329.6	328.5
62.5°	440.5	431.1	424.7	417.1	408.0	399.7	395.5	389.2	381.0	375.4	374.6
60°	485.5	477.2	470.2	461.7	451.7	445.3	441.7	435.2	425.8	423.6	422.6
57.5°	528.2	520.9	514.6	506.4	496.4	493.3	489.7	482.9	473.2	474.5	472.3
55°	568.6	563.2	558.0	550.3	541.0	542.0	539.3	532.6	526.8	528.6	525.9
52.5°	610.2	607.9	603.2	594.9	591.0	593.2	589.9	583.4	584.6	586.5	582.2
50°	659.0	657.7	652.8	644.7	647.0	649.0	646.3	638.1	646.0	647.7	642.1
47.5°	713.8	713.7	707.5	700.3	709.2	710.8	707.6	708.1	714.8	712.9	705.9
45°	777.5	778.1	771.9	772.9	779.0	780.4	774.1	785.8	790.0	786.1	773.5
42.5°	854.7	853.8	846.8	857.8	861.3	859.3	861.4	873.5	873.7	864.9	865.5
40°	951.6	946.1	947.6	957.9	959.5	948.7	968.2	972.9	968.7	952.3	975.3
37.5°	1074.7	1064.3	1077.4	1080.5	1075.7	1081.5	1095.4	1092.5	1074.1	1090.2	1104.5
35°	1230.5	1226.9	1239.4	1235.5	1216.4	1247.8	1252.0	1232.3	1225.6	1255.0	1253.3
32.5°	1425.1	1445.8	1443.6	1425.7	1437.5	1444.3	1435.0	1401.8	1444.2	1455.4	1429.5
30°	1715.4	1725.5	1703.4	1692.2	1713.0	1689.8	1642.2	1690.6	1709.0	1686.1	1628.6
27.5°	2111.0	2081.6	2041.2	2067.0	2042.9	1987.4	2004.3	2028.8	2007.4	1952.2	1887.0
25°	2614.2	2531.6	2552.1	2534.4	2454.6	2439.7	2464.5	2436.8	2359.6	2276.8	2367.9
22.5°	3246.6	3216.1	3182.5	3082.4	3058.1	3065.0	3005.2	2893.7	2825.8	2912.7	2915.5
20°	4096.5	4043.6	3928.4	3885.5	3863.8	3760.1	3609.7	3594.4	3665.6	3629.1	3519.0
17.5°	5116.1	4977.4	4953.3	4886.2	4758.6	4555.3	4632.4	4659.0	4591.2	4401.5	4170.5
15°	6215.6	6295.4	6225.9	6020.3	5898.7	5990.4	5945.4	5797.1	5591.4	5244.3	4851.2
12.5°	8019.8	7902.7	7610.3	7717.7	7687.5	7576.1	7348.9	7022.5	6595.3	6033.2	5466.9
10°	10113.8	10029.2	9944.2	9802.9	9570.4	9240.0	8688.0	8074.9	7436.7	6773.8	6085.7
7.5°	12842.5	12614.1	12323.3	11804.5	11155.9	10487.3	9787.4	9055.8	8276.5	7503.0	6699.1
5°	15324.9	14653.6	13968.7	13256.7	12470.5	11670.5	10863.1	10019.9	9101.6	8211.0	7293.7
2.5°	16889.9	16191.2	15436.4	14613.7	13601.7	12580.1	11558.7	10537.7	9444.4	8414.6	7385.4
0°	17585.7	16771.6	15839.3	14913.0	13903.3	12837.6	11694.5	10646.9	9528.1	8480.6	7437.5
-2.5°	16889.9	16191.2	15436.4	14613.7	13601.7	12580.1	11558.7	10537.7	9444.4	8414.6	7385.4
-5°	15324.9	14653.6	13968.7	13256.7	12470.5	11670.5	10863.1	10019.9	9101.6	8211.0	7293.7
-7.5°	12842.5	12614.1	12323.3	11804.5	11155.9	10487.3	9787.4	9055.8	8276.5	7503.0	6699.1
-10°	10113.8	10029.2	9944.2	9802.9	9570.4	9240.0	8688.0	8074.9	7436.7	6773.8	6085.7
-12.5°	8019.8	7902.7	7610.3	7717.7	7687.5	7576.1	7348.9	7022.5	6595.3	6033.2	5466.9
-15°	6215.6	6295.4	6225.9	6020.3	5898.7	5990.4	5945.4	5797.1	5591.4	5244.3	4851.2
-17.5°	5116.1	4977.4	4953.3	4886.2	4758.6	4555.3	4632.4	4659.0	4591.2	4401.5	4170.5
-20°	4096.5	4043.6	3928.4	3885.5	3863.8	3760.1	3609.7	3594.4	3665.6	3629.1	3519.0



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3246.6	3216.1	3182.5	3082.4	3058.1	3065.0	3005.2	2893.7	2825.8	2912.7	2915.5
-25°	2614.2	2531.6	2552.1	2534.4	2454.6	2439.7	2464.5	2436.8	2359.6	2276.8	2367.9
-27.5°	2111.0	2081.6	2041.2	2067.0	2042.9	1987.4	2004.3	2028.8	2007.4	1952.2	1887.0
-30°	1715.4	1725.5	1703.4	1692.2	1713.0	1689.8	1642.2	1690.6	1709.0	1686.1	1628.6
-32.5°	1425.1	1445.8	1443.6	1425.7	1437.5	1444.3	1435.0	1401.8	1444.2	1455.4	1429.5
-35°	1230.5	1226.9	1239.4	1235.5	1216.4	1247.8	1252.0	1232.3	1225.6	1255.0	1253.3
-37.5°	1074.7	1064.3	1077.4	1080.5	1075.7	1081.5	1095.4	1092.5	1074.1	1090.2	1104.5
-40°	951.6	946.1	947.6	957.9	959.5	948.7	968.2	972.9	968.7	952.3	975.3
-42.5°	854.7	853.8	846.8	857.8	861.3	859.3	861.4	873.5	873.7	864.9	865.5
-45°	777.5	778.1	771.9	772.9	779.0	780.4	774.1	785.8	790.0	786.1	773.5
-47.5°	713.8	713.7	707.5	700.3	709.2	710.8	707.6	708.1	714.8	712.9	705.9
-50°	659.0	657.7	652.8	644.7	647.0	649.0	646.3	638.1	646.0	647.7	642.1
-52.5°	610.2	607.9	603.2	594.9	591.0	593.2	589.9	583.4	584.6	586.5	582.2
-55°	568.6	563.2	558.0	550.3	541.0	542.0	539.3	532.6	526.8	528.6	525.9
-57.5°	528.2	520.9	514.6	506.4	496.4	493.3	489.7	482.9	473.2	474.5	472.3
-60°	485.5	477.2	470.2	461.7	451.7	445.3	441.7	435.2	425.8	423.6	422.6
-62.5°	440.5	431.1	424.7	417.1	408.0	399.7	395.5	389.2	381.0	375.4	374.6
-65°	396.1	388.1	381.4	373.5	364.2	354.1	350.0	344.4	337.2	329.6	328.5
-67.5°	350.5	343.1	336.0	328.5	320.0	310.7	306.0	300.9	295.0	288.1	286.2
-70°	303.6	297.2	290.8	284.0	276.7	269.2	264.7	260.9	255.7	248.8	244.7
-72.5°	256.6	251.3	245.9	240.8	235.4	229.6	224.8	220.5	215.0	208.2	203.6
-75°	209.6	205.6	201.7	197.9	193.6	188.9	184.3	180.2	175.2	169.4	164.9
-77.5°	163.5	161.2	158.4	155.6	152.2	148.3	144.3	140.8	136.9	132.5	128.7
-80°	121.7	120.3	118.6	116.4	113.6	110.3	106.7	104.0	100.8	97.8	95.4
-82.5°	84.9	84.1	82.9	80.7	78.4	76.0	73.5	72.2	70.7	69.0	67.1
-85°	49.8	49.1	48.3	47.6	46.8	46.0	45.2	44.5	43.6	42.4	40.9
-87.5°	19.2	19.2	19.2	19.8	20.4	20.8	21.1	20.5	19.8	19.0	18.2
-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: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-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°	17.7	17.1	16.4	15.7	14.9	14.0	13.1	12.2	11.3	10.4	9.3
85°	39.5	37.8	35.8	33.5	31.0	28.0	26.2	24.3	22.6	20.7	18.7
82.5°	65.3	63.2	60.7	58.0	55.5	52.3	48.2	43.4	37.8	31.7	28.0
80°	94.6	92.7	89.6	85.5	81.4	76.7	72.1	66.4	59.4	51.6	43.1
77.5°	127.0	124.3	120.5	116.2	110.9	104.7	97.8	89.9	80.9	71.4	61.0
75°	162.2	159.1	154.7	148.8	141.4	132.9	124.4	115.0	104.2	91.5	78.9
72.5°	200.7	196.2	190.2	182.3	173.6	163.5	152.1	140.2	128.1	113.9	97.5
70°	240.6	234.7	227.6	219.2	208.0	194.4	181.3	167.8	152.2	136.3	118.0
67.5°	281.8	275.2	266.5	257.1	245.3	230.1	211.5	196.3	179.6	158.7	138.4
65°	324.8	317.3	306.5	297.1	283.8	267.0	247.0	226.9	207.2	184.7	158.8
62.5°	369.9	361.5	351.3	339.0	323.8	305.4	283.3	261.8	236.0	210.7	181.7
60°	417.6	408.5	398.0	384.9	366.5	344.6	322.0	296.8	268.7	236.9	205.5
57.5°	466.9	456.9	448.2	433.0	412.4	386.7	362.3	334.8	301.6	266.1	229.4
55°	518.0	508.7	500.8	484.5	460.5	431.6	406.2	374.9	335.6	296.1	253.1
52.5°	572.6	566.1	556.6	538.4	512.1	481.2	455.9	416.1	374.2	326.0	279.7
50°	630.2	630.0	617.6	595.6	565.5	539.9	508.1	465.0	413.4	357.7	306.8
47.5°	701.2	700.2	685.5	657.0	622.5	603.1	567.2	516.5	453.3	393.8	334.0
45°	782.0	776.5	758.5	726.5	695.7	674.9	631.1	569.9	501.9	430.7	361.3
42.5°	871.5	861.8	836.8	799.6	787.1	754.3	698.4	630.6	551.7	467.7	391.5
40°	976.4	955.9	921.3	902.5	889.5	840.3	776.1	694.5	602.4	507.1	423.5
37.5°	1092.4	1062.4	1016.3	1030.5	1003.4	942.6	859.2	760.6	655.6	551.9	455.1
35°	1228.1	1181.1	1182.2	1180.2	1134.0	1052.0	946.6	832.0	714.5	596.5	486.2
32.5°	1376.6	1364.4	1385.3	1351.4	1276.8	1168.2	1044.4	910.7	774.2	640.7	516.8
30°	1587.4	1637.8	1615.5	1539.8	1434.6	1301.4	1149.5	991.2	834.4	684.5	548.4
27.5°	1950.8	1949.1	1874.8	1757.5	1611.6	1442.7	1255.8	1073.2	894.8	730.3	584.0
25°	2361.1	2302.3	2174.5	1997.0	1799.3	1584.1	1363.7	1156.3	960.6	779.7	618.6
22.5°	2829.6	2687.0	2499.5	2252.1	1984.9	1729.5	1478.7	1247.3	1028.6	828.2	652.1
20°	3336.3	3097.4	2839.5	2502.2	2185.2	1887.9	1600.5	1337.4	1095.6	875.4	684.1
17.5°	3878.9	3520.8	3163.4	2773.0	2395.5	2047.6	1722.0	1426.0	1161.2	921.0	714.6
15°	4404.7	3944.3	3496.8	3045.7	2606.6	2206.9	1842.0	1512.4	1224.7	964.7	738.6
12.5°	4922.9	4373.5	3834.8	3317.2	2816.1	2364.1	1959.2	1595.8	1285.6	996.0	754.2
10°	5440.1	4802.6	4172.6	3583.9	3021.2	2517.2	2072.3	1660.8	1314.3	1016.1	767.1
7.5°	5949.5	5225.1	4504.7	3842.2	3197.9	2617.2	2120.6	1690.2	1333.1	1032.3	777.3
5°	6365.2	5500.8	4655.8	3918.8	3247.6	2656.9	2150.4	1713.1	1346.2	1044.5	784.8
2.5°	6421.3	5546.1	4678.3	3949.1	3280.8	2684.1	2170.2	1728.9	1353.5	1052.7	789.5
0°	6443.0	5560.7	4675.4	3958.3	3297.3	2698.5	2180.0	1737.3	1355.3	1056.7	791.4
-2.5°	6421.3	5546.1	4678.3	3949.1	3280.8	2684.1	2170.2	1728.9	1353.5	1052.7	789.5
-5°	6365.2	5500.8	4655.8	3918.8	3247.6	2656.9	2150.4	1713.1	1346.2	1044.5	784.8
-7.5°	5949.5	5225.1	4504.7	3842.2	3197.9	2617.2	2120.6	1690.2	1333.1	1032.3	777.3
-10°	5440.1	4802.6	4172.6	3583.9	3021.2	2517.2	2072.3	1660.8	1314.3	1016.1	767.1
-12.5°	4922.9	4373.5	3834.8	3317.2	2816.1	2364.1	1959.2	1595.8	1285.6	996.0	754.2
-15°	4404.7	3944.3	3496.8	3045.7	2606.6	2206.9	1842.0	1512.4	1224.7	964.7	738.6
-17.5°	3878.9	3520.8	3163.4	2773.0	2395.5	2047.6	1722.0	1426.0	1161.2	921.0	714.6
-20°	3336.3	3097.4	2839.5	2502.2	2185.2	1887.9	1600.5	1337.4	1095.6	875.4	684.1



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2829.6	2687.0	2499.5	2252.1	1984.9	1729.5	1478.7	1247.3	1028.6	828.2	652.1
-25°	2361.1	2302.3	2174.5	1997.0	1799.3	1584.1	1363.7	1156.3	960.6	779.7	618.6
-27.5°	1950.8	1949.1	1874.8	1757.5	1611.6	1442.7	1255.8	1073.2	894.8	730.3	584.0
-30°	1587.4	1637.8	1615.5	1539.8	1434.6	1301.4	1149.5	991.2	834.4	684.5	548.4
-32.5°	1376.6	1364.4	1385.3	1351.4	1276.8	1168.2	1044.4	910.7	774.2	640.7	516.8
-35°	1228.1	1181.1	1182.2	1180.2	1134.0	1052.0	946.6	832.0	714.5	596.5	486.2
-37.5°	1092.4	1062.4	1016.3	1030.5	1003.4	942.6	859.2	760.6	655.6	551.9	455.1
-40°	976.4	955.9	921.3	902.5	889.5	840.3	776.1	694.5	602.4	507.1	423.5
-42.5°	871.5	861.8	836.8	799.6	787.1	754.3	698.4	630.6	551.7	467.7	391.5
-45°	782.0	776.5	758.5	726.5	695.7	674.9	631.1	569.9	501.9	430.7	361.3
-47.5°	701.2	700.2	685.5	657.0	622.5	603.1	567.2	516.5	453.3	393.8	334.0
-50°	630.2	630.0	617.6	595.6	565.5	539.9	508.1	465.0	413.4	357.7	306.8
-52.5°	572.6	566.1	556.6	538.4	512.1	481.2	455.9	416.1	374.2	326.0	279.7
-55°	518.0	508.7	500.8	484.5	460.5	431.6	406.2	374.9	335.6	296.1	253.1
-57.5°	466.9	456.9	448.2	433.0	412.4	386.7	362.3	334.8	301.6	266.1	229.4
-60°	417.6	408.5	398.0	384.9	366.5	344.6	322.0	296.8	268.7	236.9	205.5
-62.5°	369.9	361.5	351.3	339.0	323.8	305.4	283.3	261.8	236.0	210.7	181.7
-65°	324.8	317.3	306.5	297.1	283.8	267.0	247.0	226.9	207.2	184.7	158.8
-67.5°	281.8	275.2	266.5	257.1	245.3	230.1	211.5	196.3	179.6	158.7	138.4
-70°	240.6	234.7	227.6	219.2	208.0	194.4	181.3	167.8	152.2	136.3	118.0
-72.5°	200.7	196.2	190.2	182.3	173.6	163.5	152.1	140.2	128.1	113.9	97.5
-75°	162.2	159.1	154.7	148.8	141.4	132.9	124.4	115.0	104.2	91.5	78.9
-77.5°	127.0	124.3	120.5	116.2	110.9	104.7	97.8	89.9	80.9	71.4	61.0
-80°	94.6	92.7	89.6	85.5	81.4	76.7	72.1	66.4	59.4	51.6	43.1
-82.5°	65.3	63.2	60.7	58.0	55.5	52.3	48.2	43.4	37.8	31.7	28.0
-85°	39.5	37.8	35.8	33.5	31.0	28.0	26.2	24.3	22.6	20.7	18.7
-87.5°	17.7	17.1	16.4	15.7	14.9	14.0	13.1	12.2	11.3	10.4	9.3
-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: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

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°	8.2	7.3	6.2	4.9	3.4	1.7	0.0
85°	16.5	14.6	12.4	9.8	6.9	3.4	0.0
82.5°	24.7	21.9	18.5	14.7	10.3	5.1	0.0
80°	33.9	29.2	24.7	19.5	13.7	6.8	0.0
77.5°	49.8	38.7	30.8	24.4	17.0	8.5	0.0
75°	65.8	52.5	37.9	29.2	20.4	10.2	0.0
72.5°	81.6	66.1	49.2	34.0	23.7	11.8	0.0
70°	97.8	79.7	60.4	39.5	26.9	13.5	0.0
67.5°	116.2	93.2	71.5	48.0	30.1	15.1	0.0
65°	134.6	107.9	82.5	56.5	33.3	16.6	0.0
62.5°	152.8	123.6	93.3	64.8	36.3	18.2	0.0
60°	171.0	139.2	104.0	73.0	39.4	19.7	0.0
57.5°	191.6	154.7	116.6	81.0	44.7	21.2	0.0
55°	212.3	170.0	129.1	88.9	49.9	22.6	0.0
52.5°	232.7	185.4	141.4	96.6	55.0	24.0	0.0
50°	252.8	202.3	153.4	104.1	60.0	25.3	0.0
47.5°	273.1	218.9	165.2	111.8	64.8	26.6	0.0
45°	296.7	235.1	176.8	120.5	69.4	27.9	0.0
42.5°	320.1	250.8	188.0	128.9	73.9	29.0	0.0
40°	343.2	266.2	199.5	136.7	78.1	30.2	0.0
37.5°	366.0	281.0	211.3	144.0	82.2	31.3	0.0
35°	388.5	297.9	222.6	150.9	86.1	32.3	0.0
32.5°	411.6	315.6	233.4	157.2	89.7	33.2	0.0
30°	436.3	332.7	243.7	163.1	93.2	34.1	0.0
27.5°	460.1	349.2	252.3	168.5	96.4	34.9	0.0
25°	483.0	364.9	260.3	173.5	99.4	35.7	0.0
22.5°	504.9	379.0	267.6	177.9	102.2	36.4	0.0
20°	525.7	389.8	274.3	181.8	104.7	37.0	0.0
17.5°	541.4	399.2	280.4	185.3	106.9	37.6	0.0
15°	553.0	407.4	285.9	188.2	108.9	38.1	0.0
12.5°	563.1	414.2	290.6	190.7	110.7	38.5	0.0
10°	571.3	419.7	294.7	192.6	112.1	38.8	0.0
7.5°	577.9	423.9	298.0	194.1	113.3	39.1	0.0
5°	582.6	426.9	300.5	195.1	114.2	39.2	0.0
2.5°	585.6	428.6	302.3	195.6	114.9	39.4	0.0
0°	586.7	429.0	303.2	195.6	115.2	39.4	0.0
-2.5°	585.6	428.6	302.3	195.6	114.9	39.4	0.0
-5°	582.6	426.9	300.5	195.1	114.2	39.2	0.0
-7.5°	577.9	423.9	298.0	194.1	113.3	39.1	0.0
-10°	571.3	419.7	294.7	192.6	112.1	38.8	0.0
-12.5°	563.1	414.2	290.6	190.7	110.7	38.5	0.0
-15°	553.0	407.4	285.9	188.2	108.9	38.1	0.0
-17.5°	541.4	399.2	280.4	185.3	106.9	37.6	0.0
-20°	525.7	389.8	274.3	181.8	104.7	37.0	0.0



REPORT NUMBER: P558854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	504.9	379.0	267.6	177.9	102.2	36.4	0.0
-25°	483.0	364.9	260.3	173.5	99.4	35.7	0.0
-27.5°	460.1	349.2	252.3	168.5	96.4	34.9	0.0
-30°	436.3	332.7	243.7	163.1	93.2	34.1	0.0
-32.5°	411.6	315.6	233.4	157.2	89.7	33.2	0.0
-35°	388.5	297.9	222.6	150.9	86.1	32.3	0.0
-37.5°	366.0	281.0	211.3	144.0	82.2	31.3	0.0
-40°	343.2	266.2	199.5	136.7	78.1	30.2	0.0
-42.5°	320.1	250.8	188.0	128.9	73.9	29.0	0.0
-45°	296.7	235.1	176.8	120.5	69.4	27.9	0.0
-47.5°	273.1	218.9	165.2	111.8	64.8	26.6	0.0
-50°	252.8	202.3	153.4	104.1	60.0	25.3	0.0
-52.5°	232.7	185.4	141.4	96.6	55.0	24.0	0.0
-55°	212.3	170.0	129.1	88.9	49.9	22.6	0.0
-57.5°	191.6	154.7	116.6	81.0	44.7	21.2	0.0
-60°	171.0	139.2	104.0	73.0	39.4	19.7	0.0
-62.5°	152.8	123.6	93.3	64.8	36.3	18.2	0.0
-65°	134.6	107.9	82.5	56.5	33.3	16.6	0.0
-67.5°	116.2	93.2	71.5	48.0	30.1	15.1	0.0
-70°	97.8	79.7	60.4	39.5	26.9	13.5	0.0
-72.5°	81.6	66.1	49.2	34.0	23.7	11.8	0.0
-75°	65.8	52.5	37.9	29.2	20.4	10.2	0.0
-77.5°	49.8	38.7	30.8	24.4	17.0	8.5	0.0
-80°	33.9	29.2	24.7	19.5	13.7	6.8	0.0
-82.5°	24.7	21.9	18.5	14.7	10.3	5.1	0.0
-85°	16.5	14.6	12.4	9.8	6.9	3.4	0.0
-87.5°	8.2	7.3	6.2	4.9	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)