

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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558830 (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-SA3D-935-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

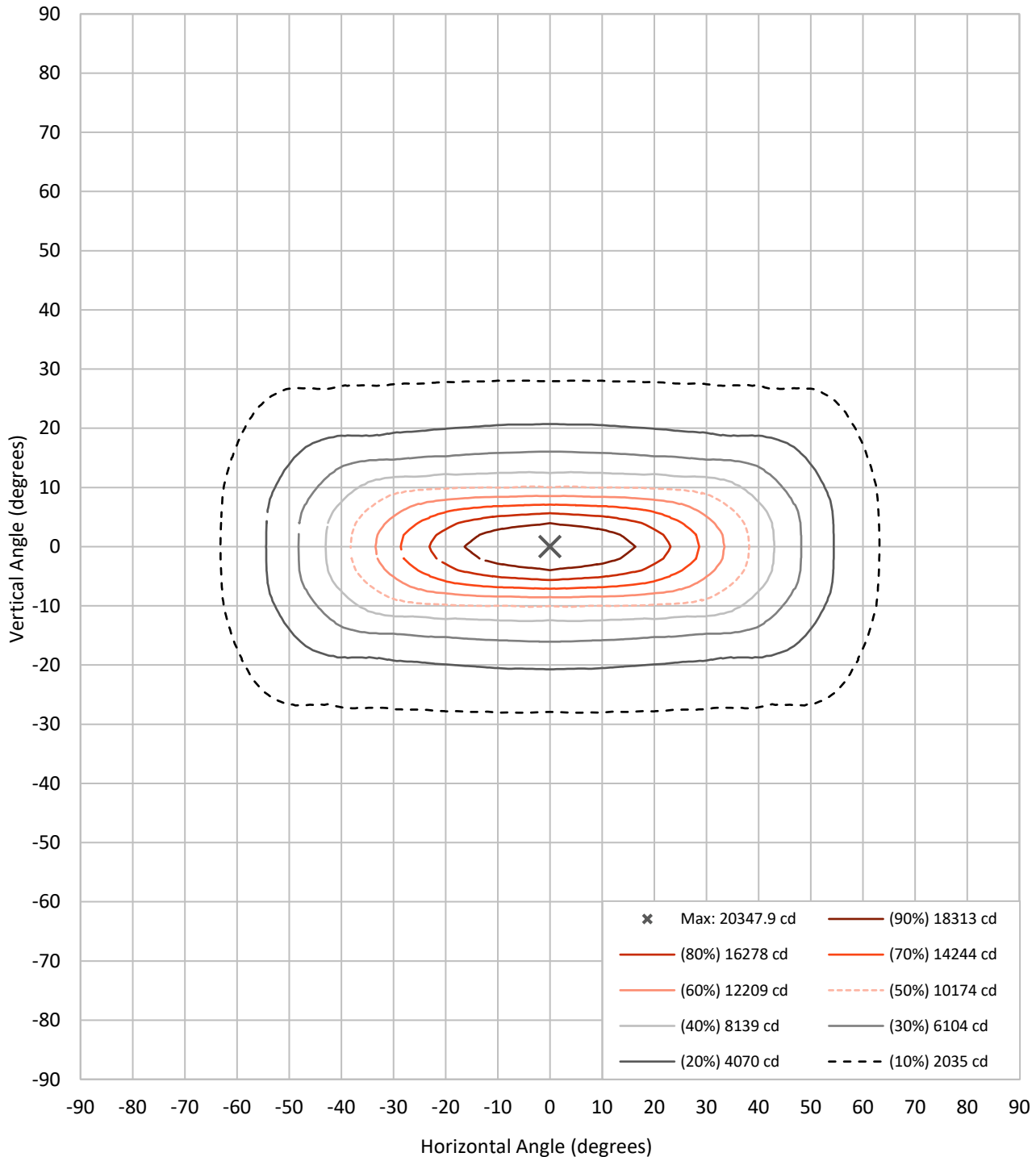
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	14572.8 lumens	Max Intensity:	20347.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5830.5 lumens	Field Lumens:	11943.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 158
Input Voltage (V): 120
Input Current (A_{in}): 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



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

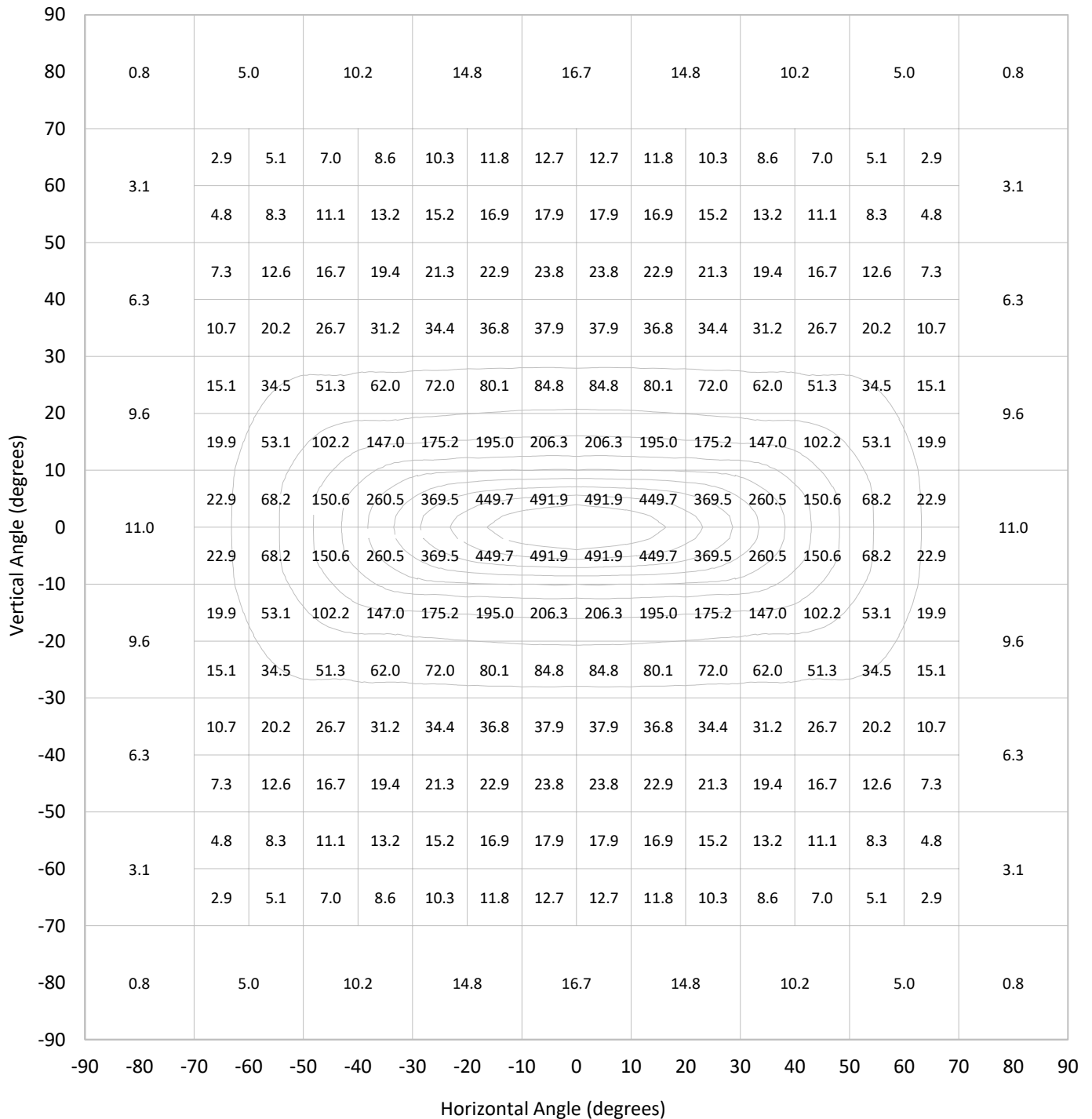
Iso-Candela Plot





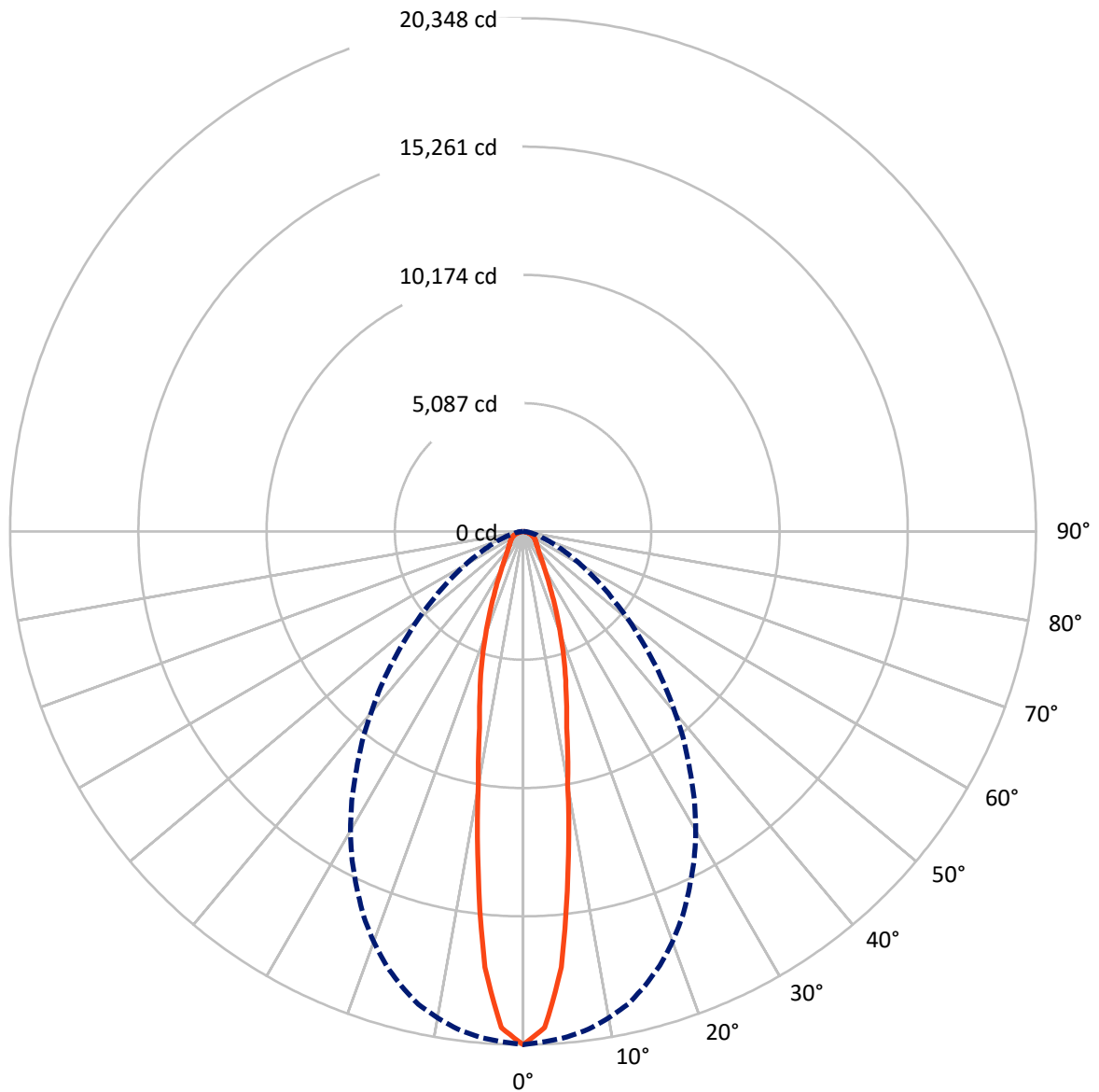
REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

Lumen Table



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

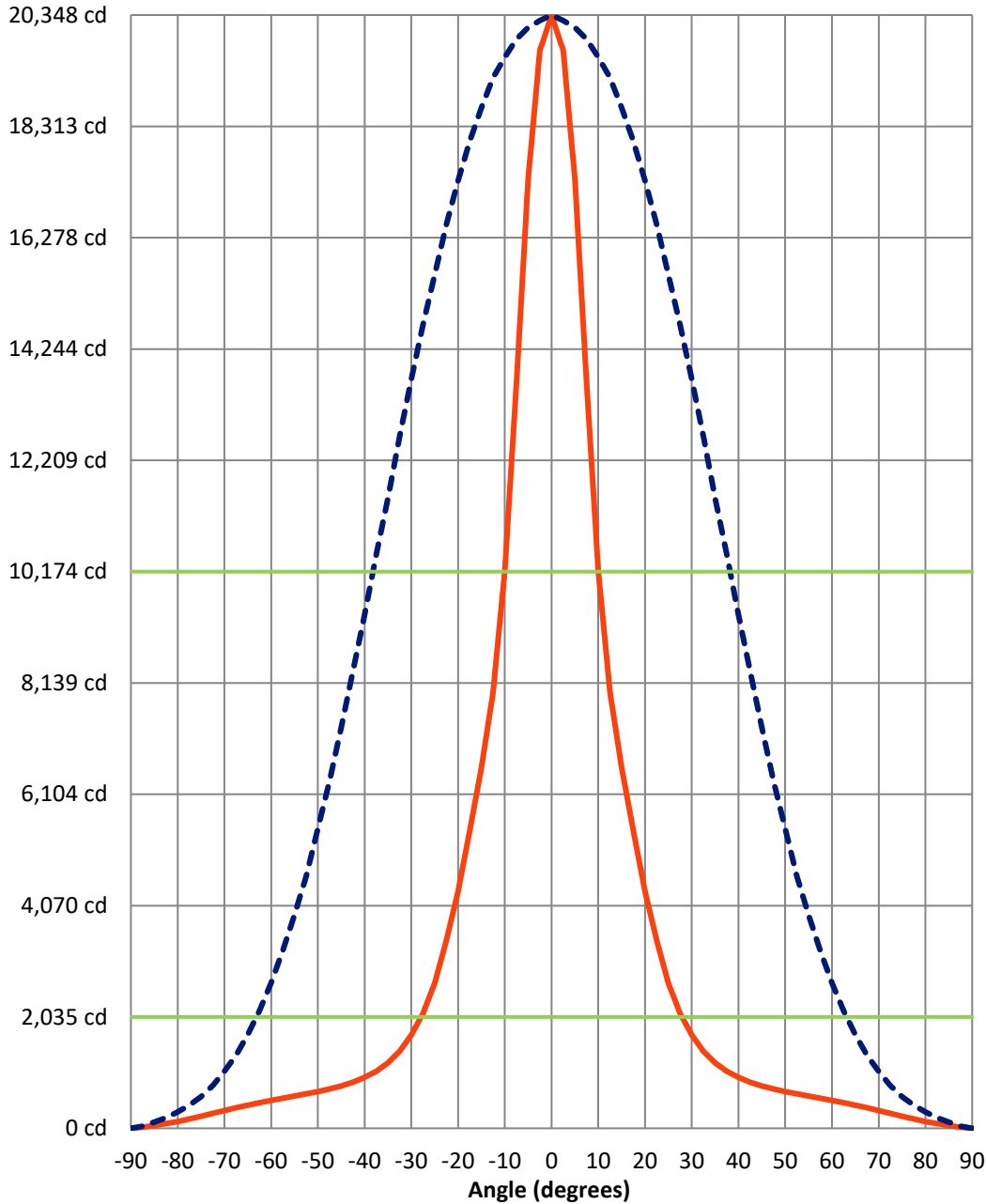
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 5830.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 11943.9
 Efficiency: 82.0%

Spill:
 Lumens: 2628.9
 Efficiency: 18.0%

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



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

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	4.8	6.1	7.2	8.1	9.2	10.2	11.2	12.0
85°	0.0	3.4	6.8	9.6	12.2	14.4	16.3	18.4	20.4	22.3	24.0
82.5°	0.0	5.1	10.1	14.4	18.3	21.6	24.4	27.6	31.3	37.3	42.7
80°	0.0	6.7	13.5	19.2	24.3	28.8	33.4	42.5	50.9	58.5	65.4
77.5°	0.0	8.4	16.8	24.0	30.4	38.2	49.2	60.1	70.4	79.7	88.5
75°	0.0	10.0	20.1	28.8	37.4	51.7	64.8	77.7	90.1	102.6	113.2
72.5°	0.0	11.7	23.3	33.5	48.5	65.2	80.4	96.0	112.1	126.2	138.1
70°	0.0	13.3	26.5	38.9	59.5	78.5	96.3	116.2	134.2	149.9	165.3
67.5°	0.0	14.8	29.7	47.3	70.4	91.8	114.4	136.3	156.3	176.8	193.4
65°	0.0	16.4	32.8	55.6	81.2	106.2	132.5	156.3	181.8	204.0	223.5
62.5°	0.0	17.9	35.8	63.8	91.9	121.7	150.5	178.8	207.5	232.4	257.8
60°	0.0	19.4	38.8	71.9	102.5	137.1	168.4	202.3	233.2	264.7	292.4
57.5°	0.0	20.8	44.0	79.8	114.8	152.3	188.7	225.8	262.1	297.0	329.8
55°	0.0	22.3	49.2	87.6	127.1	167.4	209.0	249.2	291.6	330.6	369.3
52.5°	0.0	23.6	54.2	95.1	139.2	182.6	229.1	275.4	321.1	368.6	409.8
50°	0.0	24.9	59.1	102.6	151.1	199.2	248.9	302.2	352.3	407.2	458.0
47.5°	0.0	26.2	63.8	110.1	162.7	215.5	269.0	329.0	387.8	446.4	508.7
45°	0.0	27.4	68.4	118.7	174.1	231.5	292.2	355.8	424.2	494.3	561.3
42.5°	0.0	28.6	72.7	126.9	185.1	247.0	315.2	385.6	460.6	543.3	621.1
40°	0.0	29.7	76.9	134.7	196.5	262.1	338.0	417.1	499.4	593.3	684.1
37.5°	0.0	30.8	81.0	141.8	208.1	276.7	360.5	448.2	543.5	645.7	749.1
35°	0.0	31.8	84.8	148.6	219.2	293.4	382.7	478.9	587.4	703.7	819.5
32.5°	0.0	32.7	88.4	154.8	229.9	310.8	405.4	509.0	631.0	762.5	897.0
30°	0.0	33.6	91.8	160.6	240.0	327.6	429.7	540.0	674.2	821.8	976.3
27.5°	0.0	34.4	95.0	166.0	248.5	343.9	453.1	575.2	719.3	881.3	1056.9
25°	0.0	35.2	97.9	170.8	256.3	359.4	475.7	609.3	767.9	946.1	1138.8
22.5°	0.0	35.8	100.6	175.2	263.5	373.3	497.2	642.2	815.7	1013.0	1228.4
20°	0.0	36.5	103.1	179.1	270.2	383.9	517.7	673.7	862.2	1079.1	1317.2
17.5°	0.0	37.0	105.3	182.4	276.2	393.2	533.1	703.8	907.1	1143.6	1404.5
15°	0.0	37.5	107.3	185.3	281.5	401.2	544.7	727.4	950.2	1206.2	1489.6
12.5°	0.0	37.9	109.0	187.7	286.2	407.9	554.5	742.8	981.0	1266.1	1571.7
10°	0.0	38.2	110.5	189.7	290.2	413.3	562.7	755.5	1000.7	1294.4	1635.7
7.5°	0.0	38.5	111.6	191.1	293.4	417.5	569.1	765.6	1016.6	1313.0	1664.7
5°	0.0	38.7	112.5	192.1	295.9	420.4	573.8	772.9	1028.7	1325.8	1687.2
2.5°	0.0	38.8	113.2	192.6	297.7	422.1	576.7	777.5	1036.7	1333.0	1702.8
0°	0.0	38.8	113.5	192.6	298.6	422.5	577.8	779.4	1040.7	1334.8	1711.1
-2.5°	0.0	38.8	113.2	192.6	297.7	422.1	576.7	777.5	1036.7	1333.0	1702.8
-5°	0.0	38.7	112.5	192.1	295.9	420.4	573.8	772.9	1028.7	1325.8	1687.2
-7.5°	0.0	38.5	111.6	191.1	293.4	417.5	569.1	765.6	1016.6	1313.0	1664.7
-10°	0.0	38.2	110.5	189.7	290.2	413.3	562.7	755.5	1000.7	1294.4	1635.7
-12.5°	0.0	37.9	109.0	187.7	286.2	407.9	554.5	742.8	981.0	1266.1	1571.7
-15°	0.0	37.5	107.3	185.3	281.5	401.2	544.7	727.4	950.2	1206.2	1489.6
-17.5°	0.0	37.0	105.3	182.4	276.2	393.2	533.1	703.8	907.1	1143.6	1404.5
-20°	0.0	36.5	103.1	179.1	270.2	383.9	517.7	673.7	862.2	1079.1	1317.2



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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	35.8	100.6	175.2	263.5	373.3	497.2	642.2	815.7	1013.0	1228.4
-25°	0.0	35.2	97.9	170.8	256.3	359.4	475.7	609.3	767.9	946.1	1138.8
-27.5°	0.0	34.4	95.0	166.0	248.5	343.9	453.1	575.2	719.3	881.3	1056.9
-30°	0.0	33.6	91.8	160.6	240.0	327.6	429.7	540.0	674.2	821.8	976.3
-32.5°	0.0	32.7	88.4	154.8	229.9	310.8	405.4	509.0	631.0	762.5	897.0
-35°	0.0	31.8	84.8	148.6	219.2	293.4	382.7	478.9	587.4	703.7	819.5
-37.5°	0.0	30.8	81.0	141.8	208.1	276.7	360.5	448.2	543.5	645.7	749.1
-40°	0.0	29.7	76.9	134.7	196.5	262.1	338.0	417.1	499.4	593.3	684.1
-42.5°	0.0	28.6	72.7	126.9	185.1	247.0	315.2	385.6	460.6	543.3	621.1
-45°	0.0	27.4	68.4	118.7	174.1	231.5	292.2	355.8	424.2	494.3	561.3
-47.5°	0.0	26.2	63.8	110.1	162.7	215.5	269.0	329.0	387.8	446.4	508.7
-50°	0.0	24.9	59.1	102.6	151.1	199.2	248.9	302.2	352.3	407.2	458.0
-52.5°	0.0	23.6	54.2	95.1	139.2	182.6	229.1	275.4	321.1	368.6	409.8
-55°	0.0	22.3	49.2	87.6	127.1	167.4	209.0	249.2	291.6	330.6	369.3
-57.5°	0.0	20.8	44.0	79.8	114.8	152.3	188.7	225.8	262.1	297.0	329.8
-60°	0.0	19.4	38.8	71.9	102.5	137.1	168.4	202.3	233.2	264.7	292.4
-62.5°	0.0	17.9	35.8	63.8	91.9	121.7	150.5	178.8	207.5	232.4	257.8
-65°	0.0	16.4	32.8	55.6	81.2	106.2	132.5	156.3	181.8	204.0	223.5
-67.5°	0.0	14.8	29.7	47.3	70.4	91.8	114.4	136.3	156.3	176.8	193.4
-70°	0.0	13.3	26.5	38.9	59.5	78.5	96.3	116.2	134.2	149.9	165.3
-72.5°	0.0	11.7	23.3	33.5	48.5	65.2	80.4	96.0	112.1	126.2	138.1
-75°	0.0	10.0	20.1	28.8	37.4	51.7	64.8	77.7	90.1	102.6	113.2
-77.5°	0.0	8.4	16.8	24.0	30.4	38.2	49.2	60.1	70.4	79.7	88.5
-80°	0.0	6.7	13.5	19.2	24.3	28.8	33.4	42.5	50.9	58.5	65.4
-82.5°	0.0	5.1	10.1	14.4	18.3	21.6	24.4	27.6	31.3	37.3	42.7
-85°	0.0	3.4	6.8	9.6	12.2	14.4	16.3	18.4	20.4	22.3	24.0
-87.5°	0.0	1.7	3.4	4.8	6.1	7.2	8.1	9.2	10.2	11.2	12.0
-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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	12.9	13.8	14.7	15.4	16.1	16.8	17.4	18.0	18.7	19.5	20.1
85°	25.9	27.6	30.6	33.0	35.3	37.2	38.9	40.2	41.7	42.9	43.8
82.5°	47.5	51.5	54.7	57.1	59.8	62.2	64.3	66.0	67.9	69.6	71.1
80°	71.0	75.5	80.2	84.3	88.3	91.2	93.1	93.9	96.2	99.3	102.4
77.5°	96.3	103.2	109.2	114.4	118.6	122.4	125.1	126.7	130.5	134.8	138.6
75°	122.5	130.9	139.2	146.6	152.4	156.7	159.8	162.4	166.9	172.6	177.5
72.5°	149.8	161.1	171.0	179.5	187.3	193.3	197.7	200.6	205.1	211.8	217.2
70°	178.6	191.5	204.9	215.9	224.1	231.2	237.0	241.0	245.1	251.9	256.9
67.5°	208.3	226.7	241.6	253.2	262.4	271.0	277.6	281.9	283.7	290.6	296.3
65°	243.3	263.0	279.6	292.6	301.9	312.5	319.9	323.5	324.7	332.1	339.2
62.5°	279.0	300.8	318.9	334.0	346.0	356.1	364.3	368.9	369.7	375.2	383.3
60°	317.1	339.4	361.0	379.1	392.0	402.3	411.3	416.2	417.1	419.4	428.6
57.5°	356.8	380.9	406.2	426.5	441.4	450.0	459.8	465.2	467.4	466.1	475.6
55°	400.0	425.1	453.6	477.2	493.2	501.0	510.1	517.9	520.6	518.9	524.6
52.5°	449.0	473.9	504.3	530.2	548.2	557.5	564.0	573.3	577.7	575.7	574.6
50°	500.4	531.8	556.9	586.6	608.2	620.5	620.7	632.4	638.0	636.2	628.5
47.5°	558.7	594.0	613.0	647.0	675.1	689.6	690.6	695.3	702.2	704.0	697.5
45°	621.6	664.7	685.1	715.5	747.0	764.8	770.2	761.9	774.2	778.1	773.9
42.5°	687.8	742.9	775.2	787.5	824.1	848.8	858.4	852.5	851.8	860.5	860.3
40°	764.4	827.6	876.1	888.9	907.4	941.5	961.7	960.5	937.9	954.0	958.2
37.5°	846.2	928.4	988.3	1014.9	1000.9	1046.4	1075.9	1087.8	1073.8	1058.0	1076.0
35°	932.3	1036.1	1116.9	1162.3	1164.4	1163.3	1209.6	1234.4	1236.1	1207.1	1213.6
32.5°	1028.7	1150.6	1257.5	1331.0	1364.4	1343.8	1355.8	1407.9	1433.5	1422.4	1380.6
30°	1132.1	1281.7	1412.9	1516.5	1591.1	1613.1	1563.4	1604.0	1660.6	1683.2	1665.0
27.5°	1236.8	1420.9	1587.2	1730.9	1846.4	1919.6	1921.3	1858.5	1922.7	1977.1	1998.1
25°	1343.1	1560.1	1772.0	1966.8	2141.6	2267.5	2325.4	2332.1	2242.3	2323.9	2399.9
22.5°	1456.4	1703.4	1954.9	2218.1	2461.7	2646.4	2786.8	2871.4	2868.7	2783.0	2849.9
20°	1576.3	1859.4	2152.2	2464.4	2796.6	3050.5	3285.9	3465.8	3574.2	3610.2	3540.1
17.5°	1696.0	2016.6	2359.3	2731.1	3115.5	3467.6	3820.3	4107.5	4335.0	4521.8	4588.6
15°	1814.2	2173.6	2567.2	2999.7	3443.9	3884.6	4338.1	4777.9	5165.0	5506.8	5709.5
12.5°	1929.7	2328.4	2773.6	3267.0	3776.9	4307.4	4848.4	5384.2	5942.0	6495.6	6916.3
10°	2041.0	2479.1	2975.6	3529.7	4109.5	4730.0	5357.9	5993.8	6671.3	7324.2	7952.8
7.5°	2088.6	2577.7	3149.6	3784.2	4436.5	5146.1	5859.6	6597.8	7389.5	8151.4	8918.9
5°	2118.0	2616.8	3198.6	3859.7	4585.4	5417.7	6269.0	7183.4	8086.8	8964.0	9868.4
2.5°	2137.5	2643.5	3231.2	3889.5	4607.5	5462.3	6324.3	7273.7	8287.4	9301.6	10378.4
0°	2147.1	2657.7	3247.5	3898.5	4604.7	5476.7	6345.6	7325.1	8352.4	9384.1	10486.0
-2.5°	2137.5	2643.5	3231.2	3889.5	4607.5	5462.3	6324.3	7273.7	8287.4	9301.6	10378.4
-5°	2118.0	2616.8	3198.6	3859.7	4585.4	5417.7	6269.0	7183.4	8086.8	8964.0	9868.4
-7.5°	2088.6	2577.7	3149.6	3784.2	4436.5	5146.1	5859.6	6597.8	7389.5	8151.4	8918.9
-10°	2041.0	2479.1	2975.6	3529.7	4109.5	4730.0	5357.9	5993.8	6671.3	7324.2	7952.8
-12.5°	1929.7	2328.4	2773.6	3267.0	3776.9	4307.4	4848.4	5384.2	5942.0	6495.6	6916.3
-15°	1814.2	2173.6	2567.2	2999.7	3443.9	3884.6	4338.1	4777.9	5165.0	5506.8	5709.5
-17.5°	1696.0	2016.6	2359.3	2731.1	3115.5	3467.6	3820.3	4107.5	4335.0	4521.8	4588.6
-20°	1576.3	1859.4	2152.2	2464.4	2796.6	3050.5	3285.9	3465.8	3574.2	3610.2	3540.1



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	1456.4	1703.4	1954.9	2218.1	2461.7	2646.4	2786.8	2871.4	2868.7	2783.0	2849.9
-25°	1343.1	1560.1	1772.0	1966.8	2141.6	2267.5	2325.4	2332.1	2242.3	2323.9	2399.9
-27.5°	1236.8	1420.9	1587.2	1730.9	1846.4	1919.6	1921.3	1858.5	1922.7	1977.1	1998.1
-30°	1132.1	1281.7	1412.9	1516.5	1591.1	1613.1	1563.4	1604.0	1660.6	1683.2	1665.0
-32.5°	1028.7	1150.6	1257.5	1331.0	1364.4	1343.8	1355.8	1407.9	1433.5	1422.4	1380.6
-35°	932.3	1036.1	1116.9	1162.3	1164.4	1163.3	1209.6	1234.4	1236.1	1207.1	1213.6
-37.5°	846.2	928.4	988.3	1014.9	1000.9	1046.4	1075.9	1087.8	1073.8	1058.0	1076.0
-40°	764.4	827.6	876.1	888.9	907.4	941.5	961.7	960.5	937.9	954.0	958.2
-42.5°	687.8	742.9	775.2	787.5	824.1	848.8	858.4	852.5	851.8	860.5	860.3
-45°	621.6	664.7	685.1	715.5	747.0	764.8	770.2	761.9	774.2	778.1	773.9
-47.5°	558.7	594.0	613.0	647.0	675.1	689.6	690.6	695.3	702.2	704.0	697.5
-50°	500.4	531.8	556.9	586.6	608.2	620.5	620.7	632.4	638.0	636.2	628.5
-52.5°	449.0	473.9	504.3	530.2	548.2	557.5	564.0	573.3	577.7	575.7	574.6
-55°	400.0	425.1	453.6	477.2	493.2	501.0	510.1	517.9	520.6	518.9	524.6
-57.5°	356.8	380.9	406.2	426.5	441.4	450.0	459.8	465.2	467.4	466.1	475.6
-60°	317.1	339.4	361.0	379.1	392.0	402.3	411.3	416.2	417.1	419.4	428.6
-62.5°	279.0	300.8	318.9	334.0	346.0	356.1	364.3	368.9	369.7	375.2	383.3
-65°	243.3	263.0	279.6	292.6	301.9	312.5	319.9	323.5	324.7	332.1	339.2
-67.5°	208.3	226.7	241.6	253.2	262.4	271.0	277.6	281.9	283.7	290.6	296.3
-70°	178.6	191.5	204.9	215.9	224.1	231.2	237.0	241.0	245.1	251.9	256.9
-72.5°	149.8	161.1	171.0	179.5	187.3	193.3	197.7	200.6	205.1	211.8	217.2
-75°	122.5	130.9	139.2	146.6	152.4	156.7	159.8	162.4	166.9	172.6	177.5
-77.5°	96.3	103.2	109.2	114.4	118.6	122.4	125.1	126.7	130.5	134.8	138.6
-80°	71.0	75.5	80.2	84.3	88.3	91.2	93.1	93.9	96.2	99.3	102.4
-82.5°	47.5	51.5	54.7	57.1	59.8	62.2	64.3	66.0	67.9	69.6	71.1
-85°	25.9	27.6	30.6	33.0	35.3	37.2	38.9	40.2	41.7	42.9	43.8
-87.5°	12.9	13.8	14.7	15.4	16.1	16.8	17.4	18.0	18.7	19.5	20.1
-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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	20.8	20.5	20.1	19.5	18.9	19.0	18.9	18.9	18.7	18.6	18.4
85°	44.4	45.3	46.1	46.9	47.6	48.4	49.1	49.6	50.1	50.0	49.8
82.5°	72.4	74.8	77.2	79.5	81.6	82.8	83.6	84.2	84.5	85.2	85.7
80°	105.1	108.6	111.9	114.6	116.9	118.5	119.8	120.9	121.7	122.5	123.1
77.5°	142.2	146.1	149.9	153.2	156.1	158.7	161.0	162.8	164.1	166.2	168.1
75°	181.5	186.0	190.7	194.9	198.7	202.6	206.5	210.0	213.2	215.9	217.9
72.5°	221.4	226.1	231.9	237.2	242.2	247.5	252.7	257.3	261.2	264.9	268.3
70°	260.7	265.1	272.5	279.7	286.4	292.7	299.0	304.7	309.6	314.4	318.8
67.5°	301.3	306.0	315.2	323.5	330.9	337.9	345.2	351.7	357.4	362.5	366.9
65°	344.7	348.8	358.7	367.8	375.7	382.2	390.1	397.3	403.6	409.2	413.9
62.5°	389.5	393.6	401.9	410.8	418.3	424.6	433.9	441.9	448.7	454.3	459.0
60°	435.0	438.6	444.9	454.8	463.1	470.0	478.1	485.9	492.5	498.1	503.1
57.5°	482.3	485.9	489.0	498.8	506.8	513.1	520.2	527.8	534.2	539.5	544.7
55°	531.1	533.9	532.9	542.0	549.5	554.6	560.0	568.1	574.4	579.1	583.8
52.5°	581.0	584.3	582.0	585.9	594.1	598.7	601.0	609.7	616.3	620.5	624.8
50°	636.6	639.2	637.2	634.9	643.0	647.7	649.0	656.1	662.0	665.3	668.3
47.5°	696.9	700.0	698.4	689.7	696.8	702.9	703.0	706.0	712.2	714.6	716.5
45°	762.4	768.6	767.2	761.2	760.2	766.3	765.8	763.3	770.4	773.6	774.6
42.5°	848.4	846.3	848.3	844.8	833.9	840.9	841.8	832.9	841.8	845.7	843.4
40°	953.6	934.4	945.0	943.4	933.3	931.8	937.3	930.1	931.5	936.9	932.7
37.5°	1078.8	1065.1	1059.4	1064.2	1061.2	1048.2	1058.5	1056.0	1047.8	1057.0	1053.0
35°	1233.0	1228.9	1198.0	1216.8	1220.7	1208.4	1211.9	1217.3	1199.5	1213.5	1212.0
32.5°	1413.3	1422.4	1415.8	1404.2	1421.7	1424.0	1403.6	1428.1	1418.3	1421.7	1431.3
30°	1617.4	1664.3	1687.1	1666.7	1677.6	1699.5	1689.5	1706.5	1714.6	1701.8	1725.9
27.5°	1974.1	1957.4	2012.0	2035.8	2010.4	2050.2	2079.1	2066.3	2108.5	2083.5	2119.2
25°	2427.3	2402.9	2417.5	2496.1	2513.5	2493.3	2574.7	2584.3	2617.8	2621.9	2646.8
22.5°	2959.8	3018.7	3011.9	3035.8	3134.4	3167.4	3197.5	3275.8	3257.9	3328.9	3341.3
20°	3555.2	3703.3	3805.3	3826.8	3869.0	3982.4	4034.5	4096.3	4137.7	4204.9	4261.7
17.5°	4562.4	4486.4	4686.6	4812.4	4878.5	4902.1	5038.8	5083.3	5186.0	5244.6	5302.9
15°	5855.6	5899.8	5809.5	5929.3	6131.8	6200.2	6121.6	6305.1	6356.7	6455.5	6473.0
12.5°	7237.8	7461.5	7571.3	7601.0	7495.3	7783.3	7898.6	7753.8	7918.1	7888.5	8023.7
10°	8556.7	9100.4	9425.8	9654.7	9793.9	9877.7	9960.9	10110.7	10113.3	10224.2	10159.4
7.5°	9639.5	10328.8	10987.2	11626.0	12137.0	12423.5	12648.4	12864.1	13152.0	13289.8	13379.4
5°	10698.8	11494.1	12282.0	13056.3	13757.5	14432.1	15093.3	15666.9	15970.8	16325.9	16642.6
2.5°	11384.0	12389.9	13396.1	14392.8	15203.1	15946.5	16634.6	17273.8	17834.5	18353.2	18791.1
0°	11517.7	12643.5	13693.2	14687.6	15599.8	16518.1	17319.9	18042.5	18653.2	19204.2	19575.9
-2.5°	11384.0	12389.9	13396.1	14392.8	15203.1	15946.5	16634.6	17273.8	17834.5	18353.2	18791.1
-5°	10698.8	11494.1	12282.0	13056.3	13757.5	14432.1	15093.3	15666.9	15970.8	16325.9	16642.6
-7.5°	9639.5	10328.8	10987.2	11626.0	12137.0	12423.5	12648.4	12864.1	13152.0	13289.8	13379.4
-10°	8556.7	9100.4	9425.8	9654.7	9793.9	9877.7	9960.9	10110.7	10113.3	10224.2	10159.4
-12.5°	7237.8	7461.5	7571.3	7601.0	7495.3	7783.3	7898.6	7753.8	7918.1	7888.5	8023.7
-15°	5855.6	5899.8	5809.5	5929.3	6131.8	6200.2	6121.6	6305.1	6356.7	6455.5	6473.0
-17.5°	4562.4	4486.4	4686.6	4812.4	4878.5	4902.1	5038.8	5083.3	5186.0	5244.6	5302.9
-20°	3555.2	3703.3	3805.3	3826.8	3869.0	3982.4	4034.5	4096.3	4137.7	4204.9	4261.7



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2959.8	3018.7	3011.9	3035.8	3134.4	3167.4	3197.5	3275.8	3257.9	3328.9	3341.3
-25°	2427.3	2402.9	2417.5	2496.1	2513.5	2493.3	2574.7	2584.3	2617.8	2621.9	2646.8
-27.5°	1974.1	1957.4	2012.0	2035.8	2010.4	2050.2	2079.1	2066.3	2108.5	2083.5	2119.2
-30°	1617.4	1664.3	1687.1	1666.7	1677.6	1699.5	1689.5	1706.5	1714.6	1701.8	1725.9
-32.5°	1413.3	1422.4	1415.8	1404.2	1421.7	1424.0	1403.6	1428.1	1418.3	1421.7	1431.3
-35°	1233.0	1228.9	1198.0	1216.8	1220.7	1208.4	1211.9	1217.3	1199.5	1213.5	1212.0
-37.5°	1078.8	1065.1	1059.4	1064.2	1061.2	1048.2	1058.5	1056.0	1047.8	1057.0	1053.0
-40°	953.6	934.4	945.0	943.4	933.3	931.8	937.3	930.1	931.5	936.9	932.7
-42.5°	848.4	846.3	848.3	844.8	833.9	840.9	841.8	832.9	841.8	845.7	843.4
-45°	762.4	768.6	767.2	761.2	760.2	766.3	765.8	763.3	770.4	773.6	774.6
-47.5°	696.9	700.0	698.4	689.7	696.8	702.9	703.0	706.0	712.2	714.6	716.5
-50°	636.6	639.2	637.2	634.9	643.0	647.7	649.0	656.1	662.0	665.3	668.3
-52.5°	581.0	584.3	582.0	585.9	594.1	598.7	601.0	609.7	616.3	620.5	624.8
-55°	531.1	533.9	532.9	542.0	549.5	554.6	560.0	568.1	574.4	579.1	583.8
-57.5°	482.3	485.9	489.0	498.8	506.8	513.1	520.2	527.8	534.2	539.5	544.7
-60°	435.0	438.6	444.9	454.8	463.1	470.0	478.1	485.9	492.5	498.1	503.1
-62.5°	389.5	393.6	401.9	410.8	418.3	424.6	433.9	441.9	448.7	454.3	459.0
-65°	344.7	348.8	358.7	367.8	375.7	382.2	390.1	397.3	403.6	409.2	413.9
-67.5°	301.3	306.0	315.2	323.5	330.9	337.9	345.2	351.7	357.4	362.5	366.9
-70°	260.7	265.1	272.5	279.7	286.4	292.7	299.0	304.7	309.6	314.4	318.8
-72.5°	221.4	226.1	231.9	237.2	242.2	247.5	252.7	257.3	261.2	264.9	268.3
-75°	181.5	186.0	190.7	194.9	198.7	202.6	206.5	210.0	213.2	215.9	217.9
-77.5°	142.2	146.1	149.9	153.2	156.1	158.7	161.0	162.8	164.1	166.2	168.1
-80°	105.1	108.6	111.9	114.6	116.9	118.5	119.8	120.9	121.7	122.5	123.1
-82.5°	72.4	74.8	77.2	79.5	81.6	82.8	83.6	84.2	84.5	85.2	85.7
-85°	44.4	45.3	46.1	46.9	47.6	48.4	49.1	49.6	50.1	50.0	49.8
-87.5°	20.8	20.5	20.1	19.5	18.9	19.0	18.9	18.9	18.7	18.6	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	18.1	17.8	18.6	19.4	18.6	17.8	18.1	18.4	18.6	18.7	18.9
85°	49.5	49.1	50.0	50.8	50.0	49.1	49.5	49.8	50.0	50.1	49.6
82.5°	86.0	86.2	86.5	86.6	86.5	86.2	86.0	85.7	85.2	84.5	84.2
80°	123.4	123.3	123.0	122.4	123.0	123.3	123.4	123.1	122.5	121.7	120.9
77.5°	169.7	170.8	171.5	171.7	171.5	170.8	169.7	168.1	166.2	164.1	162.8
75°	219.2	219.9	220.0	219.5	220.0	219.9	219.2	217.9	215.9	213.2	210.0
72.5°	271.0	273.2	273.6	273.2	273.6	273.2	271.0	268.3	264.9	261.2	257.3
70°	322.4	325.2	325.2	324.0	325.2	325.2	322.4	318.8	314.4	309.6	304.7
67.5°	370.4	373.0	375.0	376.3	375.0	373.0	370.4	366.9	362.5	357.4	351.7
65°	417.7	420.5	422.0	422.5	422.0	420.5	417.7	413.9	409.2	403.6	397.3
62.5°	462.7	465.3	466.8	467.3	466.8	465.3	462.7	459.0	454.3	448.7	441.9
60°	507.0	509.8	510.3	509.1	510.3	509.8	507.0	503.1	498.1	492.5	485.9
57.5°	548.7	551.6	551.5	549.5	551.5	551.6	548.7	544.7	539.5	534.2	527.8
55°	587.2	589.3	590.1	589.8	590.1	589.3	587.2	583.8	579.1	574.4	568.1
52.5°	628.0	629.7	630.4	630.1	630.4	629.7	628.0	624.8	620.5	616.3	609.7
50°	670.5	670.7	670.6	670.4	670.6	670.7	670.5	668.3	665.3	662.0	656.1
47.5°	719.1	719.6	719.7	719.7	719.7	719.6	719.1	716.5	714.6	712.2	706.0
45°	776.5	774.9	773.3	773.4	773.3	774.9	776.5	774.6	773.6	770.4	763.3
42.5°	845.5	843.7	841.6	842.1	841.6	843.7	845.5	843.4	845.7	841.8	832.9
40°	936.3	935.9	932.8	931.7	932.8	935.9	936.3	932.7	936.9	931.5	930.1
37.5°	1053.6	1051.9	1045.1	1042.2	1045.1	1051.9	1053.6	1053.0	1057.0	1047.8	1056.0
35°	1207.9	1205.6	1195.1	1196.0	1195.1	1205.6	1207.9	1212.0	1213.5	1199.5	1217.3
32.5°	1426.5	1427.3	1411.6	1408.0	1411.6	1427.3	1426.5	1431.3	1421.7	1418.3	1428.1
30°	1710.9	1717.2	1698.7	1706.6	1698.7	1717.2	1710.9	1725.9	1701.8	1714.6	1706.5
27.5°	2118.5	2130.5	2114.1	2100.8	2114.1	2130.5	2118.5	2119.2	2083.5	2108.5	2066.3
25°	2679.5	2688.4	2669.6	2653.2	2669.6	2688.4	2679.5	2646.8	2621.9	2617.8	2584.3
22.5°	3409.7	3409.1	3408.2	3434.1	3408.2	3409.1	3409.7	3341.3	3328.9	3257.9	3275.8
20°	4298.4	4276.8	4309.1	4330.0	4309.1	4276.8	4298.4	4261.7	4204.9	4137.7	4096.3
17.5°	5316.4	5356.8	5387.7	5439.3	5387.7	5356.8	5316.4	5302.9	5244.6	5186.0	5083.3
15°	6516.8	6577.7	6608.6	6592.0	6608.6	6577.7	6516.8	6473.0	6455.5	6356.7	6305.1
12.5°	8028.4	8101.1	8047.4	7980.6	8047.4	8101.1	8028.4	8023.7	7888.5	7918.1	7753.8
10°	10160.4	10316.9	10325.7	10194.8	10325.7	10316.9	10160.4	10159.4	10224.2	10113.3	10110.7
7.5°	13431.5	13507.5	13623.1	13629.0	13623.1	13507.5	13431.5	13379.4	13289.8	13152.0	12864.1
5°	16786.2	16988.8	17119.4	17345.3	17119.4	16988.8	16786.2	16642.6	16325.9	15970.8	15666.9
2.5°	19074.0	19335.9	19436.5	19692.4	19436.5	19335.9	19074.0	18791.1	18353.2	17834.5	17273.8
0°	19907.4	20119.4	20246.3	20347.9	20246.3	20119.4	19907.4	19575.9	19204.2	18653.2	18042.5
-2.5°	19074.0	19335.9	19436.5	19692.4	19436.5	19335.9	19074.0	18791.1	18353.2	17834.5	17273.8
-5°	16786.2	16988.8	17119.4	17345.3	17119.4	16988.8	16786.2	16642.6	16325.9	15970.8	15666.9
-7.5°	13431.5	13507.5	13623.1	13629.0	13623.1	13507.5	13431.5	13379.4	13289.8	13152.0	12864.1
-10°	10160.4	10316.9	10325.7	10194.8	10325.7	10316.9	10160.4	10159.4	10224.2	10113.3	10110.7
-12.5°	8028.4	8101.1	8047.4	7980.6	8047.4	8101.1	8028.4	8023.7	7888.5	7918.1	7753.8
-15°	6516.8	6577.7	6608.6	6592.0	6608.6	6577.7	6516.8	6473.0	6455.5	6356.7	6305.1
-17.5°	5316.4	5356.8	5387.7	5439.3	5387.7	5356.8	5316.4	5302.9	5244.6	5186.0	5083.3
-20°	4298.4	4276.8	4309.1	4330.0	4309.1	4276.8	4298.4	4261.7	4204.9	4137.7	4096.3



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	3409.7	3409.1	3408.2	3434.1	3408.2	3409.1	3409.7	3341.3	3328.9	3257.9	3275.8
-25°	2679.5	2688.4	2669.6	2653.2	2669.6	2688.4	2679.5	2646.8	2621.9	2617.8	2584.3
-27.5°	2118.5	2130.5	2114.1	2100.8	2114.1	2130.5	2118.5	2119.2	2083.5	2108.5	2066.3
-30°	1710.9	1717.2	1698.7	1706.6	1698.7	1717.2	1710.9	1725.9	1701.8	1714.6	1706.5
-32.5°	1426.5	1427.3	1411.6	1408.0	1411.6	1427.3	1426.5	1431.3	1421.7	1418.3	1428.1
-35°	1207.9	1205.6	1195.1	1196.0	1195.1	1205.6	1207.9	1212.0	1213.5	1199.5	1217.3
-37.5°	1053.6	1051.9	1045.1	1042.2	1045.1	1051.9	1053.6	1053.0	1057.0	1047.8	1056.0
-40°	936.3	935.9	932.8	931.7	932.8	935.9	936.3	932.7	936.9	931.5	930.1
-42.5°	845.5	843.7	841.6	842.1	841.6	843.7	845.5	843.4	845.7	841.8	832.9
-45°	776.5	774.9	773.3	773.4	773.3	774.9	776.5	774.6	773.6	770.4	763.3
-47.5°	719.1	719.6	719.7	719.7	719.7	719.6	719.1	716.5	714.6	712.2	706.0
-50°	670.5	670.7	670.6	670.4	670.6	670.7	670.5	668.3	665.3	662.0	656.1
-52.5°	628.0	629.7	630.4	630.1	630.4	629.7	628.0	624.8	620.5	616.3	609.7
-55°	587.2	589.3	590.1	589.8	590.1	589.3	587.2	583.8	579.1	574.4	568.1
-57.5°	548.7	551.6	551.5	549.5	551.5	551.6	548.7	544.7	539.5	534.2	527.8
-60°	507.0	509.8	510.3	509.1	510.3	509.8	507.0	503.1	498.1	492.5	485.9
-62.5°	462.7	465.3	466.8	467.3	466.8	465.3	462.7	459.0	454.3	448.7	441.9
-65°	417.7	420.5	422.0	422.5	422.0	420.5	417.7	413.9	409.2	403.6	397.3
-67.5°	370.4	373.0	375.0	376.3	375.0	373.0	370.4	366.9	362.5	357.4	351.7
-70°	322.4	325.2	325.2	324.0	325.2	325.2	322.4	318.8	314.4	309.6	304.7
-72.5°	271.0	273.2	273.6	273.2	273.6	273.2	271.0	268.3	264.9	261.2	257.3
-75°	219.2	219.9	220.0	219.5	220.0	219.9	219.2	217.9	215.9	213.2	210.0
-77.5°	169.7	170.8	171.5	171.7	171.5	170.8	169.7	168.1	166.2	164.1	162.8
-80°	123.4	123.3	123.0	122.4	123.0	123.3	123.4	123.1	122.5	121.7	120.9
-82.5°	86.0	86.2	86.5	86.6	86.5	86.2	86.0	85.7	85.2	84.5	84.2
-85°	49.5	49.1	50.0	50.8	50.0	49.1	49.5	49.8	50.0	50.1	49.6
-87.5°	18.1	17.8	18.6	19.4	18.6	17.8	18.1	18.4	18.6	18.7	18.9
-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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	18.9	19.0	18.9	19.5	20.1	20.5	20.8	20.1	19.5	18.7	18.0
85°	49.1	48.4	47.6	46.9	46.1	45.3	44.4	43.8	42.9	41.7	40.2
82.5°	83.6	82.8	81.6	79.5	77.2	74.8	72.4	71.1	69.6	67.9	66.0
80°	119.8	118.5	116.9	114.6	111.9	108.6	105.1	102.4	99.3	96.2	93.9
77.5°	161.0	158.7	156.1	153.2	149.9	146.1	142.2	138.6	134.8	130.5	126.7
75°	206.5	202.6	198.7	194.9	190.7	186.0	181.5	177.5	172.6	166.9	162.4
72.5°	252.7	247.5	242.2	237.2	231.9	226.1	221.4	217.2	211.8	205.1	200.6
70°	299.0	292.7	286.4	279.7	272.5	265.1	260.7	256.9	251.9	245.1	241.0
67.5°	345.2	337.9	330.9	323.5	315.2	306.0	301.3	296.3	290.6	283.7	281.9
65°	390.1	382.2	375.7	367.8	358.7	348.8	344.7	339.2	332.1	324.7	323.5
62.5°	433.9	424.6	418.3	410.8	401.9	393.6	389.5	383.3	375.2	369.7	368.9
60°	478.1	470.0	463.1	454.8	444.9	438.6	435.0	428.6	419.4	417.1	416.2
57.5°	520.2	513.1	506.8	498.8	489.0	485.9	482.3	475.6	466.1	467.4	465.2
55°	560.0	554.6	549.5	542.0	532.9	533.9	531.1	524.6	518.9	520.6	517.9
52.5°	601.0	598.7	594.1	585.9	582.0	584.3	581.0	574.6	575.7	577.7	573.3
50°	649.0	647.7	643.0	634.9	637.2	639.2	636.6	628.5	636.2	638.0	632.4
47.5°	703.0	702.9	696.8	689.7	698.4	700.0	696.9	697.5	704.0	702.2	695.3
45°	765.8	766.3	760.2	761.2	767.2	768.6	762.4	773.9	778.1	774.2	761.9
42.5°	841.8	840.9	833.9	844.8	848.3	846.3	848.4	860.3	860.5	851.8	852.5
40°	937.3	931.8	933.3	943.4	945.0	934.4	953.6	958.2	954.0	937.9	960.5
37.5°	1058.5	1048.2	1061.2	1064.2	1059.4	1065.1	1078.8	1076.0	1058.0	1073.8	1087.8
35°	1211.9	1208.4	1220.7	1216.8	1198.0	1228.9	1233.0	1213.6	1207.1	1236.1	1234.4
32.5°	1403.6	1424.0	1421.7	1404.2	1415.8	1422.4	1413.3	1380.6	1422.4	1433.5	1407.9
30°	1689.5	1699.5	1677.6	1666.7	1687.1	1664.3	1617.4	1665.0	1683.2	1660.6	1604.0
27.5°	2079.1	2050.2	2010.4	2035.8	2012.0	1957.4	1974.1	1998.1	1977.1	1922.7	1858.5
25°	2574.7	2493.3	2513.5	2496.1	2417.5	2402.9	2427.3	2399.9	2323.9	2242.3	2332.1
22.5°	3197.5	3167.4	3134.4	3035.8	3011.9	3018.7	2959.8	2849.9	2783.0	2868.7	2871.4
20°	4034.5	3982.4	3869.0	3826.8	3805.3	3703.3	3555.2	3540.1	3610.2	3574.2	3465.8
17.5°	5038.8	4902.1	4878.5	4812.4	4686.6	4486.4	4562.4	4588.6	4521.8	4335.0	4107.5
15°	6121.6	6200.2	6131.8	5929.3	5809.5	5899.8	5855.6	5709.5	5506.8	5165.0	4777.9
12.5°	7898.6	7783.3	7495.3	7601.0	7571.3	7461.5	7237.8	6916.3	6495.6	5942.0	5384.2
10°	9960.9	9877.7	9793.9	9654.7	9425.8	9100.4	8556.7	7952.8	7324.2	6671.3	5993.8
7.5°	12648.4	12423.5	12137.0	11626.0	10987.2	10328.8	9639.5	8918.9	8151.4	7389.5	6597.8
5°	15093.3	14432.1	13757.5	13056.3	12282.0	11494.1	10698.8	9868.4	8964.0	8086.8	7183.4
2.5°	16634.6	15946.5	15203.1	14392.8	13396.1	12389.9	11384.0	10378.4	9301.6	8287.4	7273.7
0°	17319.9	16518.1	15599.8	14687.6	13693.2	12643.5	11517.7	10486.0	9384.1	8352.4	7325.1
-2.5°	16634.6	15946.5	15203.1	14392.8	13396.1	12389.9	11384.0	10378.4	9301.6	8287.4	7273.7
-5°	15093.3	14432.1	13757.5	13056.3	12282.0	11494.1	10698.8	9868.4	8964.0	8086.8	7183.4
-7.5°	12648.4	12423.5	12137.0	11626.0	10987.2	10328.8	9639.5	8918.9	8151.4	7389.5	6597.8
-10°	9960.9	9877.7	9793.9	9654.7	9425.8	9100.4	8556.7	7952.8	7324.2	6671.3	5993.8
-12.5°	7898.6	7783.3	7495.3	7601.0	7571.3	7461.5	7237.8	6916.3	6495.6	5942.0	5384.2
-15°	6121.6	6200.2	6131.8	5929.3	5809.5	5899.8	5855.6	5709.5	5506.8	5165.0	4777.9
-17.5°	5038.8	4902.1	4878.5	4812.4	4686.6	4486.4	4562.4	4588.6	4521.8	4335.0	4107.5
-20°	4034.5	3982.4	3869.0	3826.8	3805.3	3703.3	3555.2	3540.1	3610.2	3574.2	3465.8



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3197.5	3167.4	3134.4	3035.8	3011.9	3018.7	2959.8	2849.9	2783.0	2868.7	2871.4
-25°	2574.7	2493.3	2513.5	2496.1	2417.5	2402.9	2427.3	2399.9	2323.9	2242.3	2332.1
-27.5°	2079.1	2050.2	2010.4	2035.8	2012.0	1957.4	1974.1	1998.1	1977.1	1922.7	1858.5
-30°	1689.5	1699.5	1677.6	1666.7	1687.1	1664.3	1617.4	1665.0	1683.2	1660.6	1604.0
-32.5°	1403.6	1424.0	1421.7	1404.2	1415.8	1422.4	1413.3	1380.6	1422.4	1433.5	1407.9
-35°	1211.9	1208.4	1220.7	1216.8	1198.0	1228.9	1233.0	1213.6	1207.1	1236.1	1234.4
-37.5°	1058.5	1048.2	1061.2	1064.2	1059.4	1065.1	1078.8	1076.0	1058.0	1073.8	1087.8
-40°	937.3	931.8	933.3	943.4	945.0	934.4	953.6	958.2	954.0	937.9	960.5
-42.5°	841.8	840.9	833.9	844.8	848.3	846.3	848.4	860.3	860.5	851.8	852.5
-45°	765.8	766.3	760.2	761.2	767.2	768.6	762.4	773.9	778.1	774.2	761.9
-47.5°	703.0	702.9	696.8	689.7	698.4	700.0	696.9	697.5	704.0	702.2	695.3
-50°	649.0	647.7	643.0	634.9	637.2	639.2	636.6	628.5	636.2	638.0	632.4
-52.5°	601.0	598.7	594.1	585.9	582.0	584.3	581.0	574.6	575.7	577.7	573.3
-55°	560.0	554.6	549.5	542.0	532.9	533.9	531.1	524.6	518.9	520.6	517.9
-57.5°	520.2	513.1	506.8	498.8	489.0	485.9	482.3	475.6	466.1	467.4	465.2
-60°	478.1	470.0	463.1	454.8	444.9	438.6	435.0	428.6	419.4	417.1	416.2
-62.5°	433.9	424.6	418.3	410.8	401.9	393.6	389.5	383.3	375.2	369.7	368.9
-65°	390.1	382.2	375.7	367.8	358.7	348.8	344.7	339.2	332.1	324.7	323.5
-67.5°	345.2	337.9	330.9	323.5	315.2	306.0	301.3	296.3	290.6	283.7	281.9
-70°	299.0	292.7	286.4	279.7	272.5	265.1	260.7	256.9	251.9	245.1	241.0
-72.5°	252.7	247.5	242.2	237.2	231.9	226.1	221.4	217.2	211.8	205.1	200.6
-75°	206.5	202.6	198.7	194.9	190.7	186.0	181.5	177.5	172.6	166.9	162.4
-77.5°	161.0	158.7	156.1	153.2	149.9	146.1	142.2	138.6	134.8	130.5	126.7
-80°	119.8	118.5	116.9	114.6	111.9	108.6	105.1	102.4	99.3	96.2	93.9
-82.5°	83.6	82.8	81.6	79.5	77.2	74.8	72.4	71.1	69.6	67.9	66.0
-85°	49.1	48.4	47.6	46.9	46.1	45.3	44.4	43.8	42.9	41.7	40.2
-87.5°	18.9	19.0	18.9	19.5	20.1	20.5	20.8	20.1	19.5	18.7	18.0
-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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	17.4	16.8	16.1	15.4	14.7	13.8	12.9	12.0	11.2	10.2	9.2
85°	38.9	37.2	35.3	33.0	30.6	27.6	25.9	24.0	22.3	20.4	18.4
82.5°	64.3	62.2	59.8	57.1	54.7	51.5	47.5	42.7	37.3	31.3	27.6
80°	93.1	91.2	88.3	84.3	80.2	75.5	71.0	65.4	58.5	50.9	42.5
77.5°	125.1	122.4	118.6	114.4	109.2	103.2	96.3	88.5	79.7	70.4	60.1
75°	159.8	156.7	152.4	146.6	139.2	130.9	122.5	113.2	102.6	90.1	77.7
72.5°	197.7	193.3	187.3	179.5	171.0	161.1	149.8	138.1	126.2	112.1	96.0
70°	237.0	231.2	224.1	215.9	204.9	191.5	178.6	165.3	149.9	134.2	116.2
67.5°	277.6	271.0	262.4	253.2	241.6	226.7	208.3	193.4	176.8	156.3	136.3
65°	319.9	312.5	301.9	292.6	279.6	263.0	243.3	223.5	204.0	181.8	156.3
62.5°	364.3	356.1	346.0	334.0	318.9	300.8	279.0	257.8	232.4	207.5	178.8
60°	411.3	402.3	392.0	379.1	361.0	339.4	317.1	292.4	264.7	233.2	202.3
57.5°	459.8	450.0	441.4	426.5	406.2	380.9	356.8	329.8	297.0	262.1	225.8
55°	510.1	501.0	493.2	477.2	453.6	425.1	400.0	369.3	330.6	291.6	249.2
52.5°	564.0	557.5	548.2	530.2	504.3	473.9	449.0	409.8	368.6	321.1	275.4
50°	620.7	620.5	608.2	586.6	556.9	531.8	500.4	458.0	407.2	352.3	302.2
47.5°	690.6	689.6	675.1	647.0	613.0	594.0	558.7	508.7	446.4	387.8	329.0
45°	770.2	764.8	747.0	715.5	685.1	664.7	621.6	561.3	494.3	424.2	355.8
42.5°	858.4	848.8	824.1	787.5	775.2	742.9	687.8	621.1	543.3	460.6	385.6
40°	961.7	941.5	907.4	888.9	876.1	827.6	764.4	684.1	593.3	499.4	417.1
37.5°	1075.9	1046.4	1000.9	1014.9	988.3	928.4	846.2	749.1	645.7	543.5	448.2
35°	1209.6	1163.3	1164.4	1162.3	1116.9	1036.1	932.3	819.5	703.7	587.4	478.9
32.5°	1355.8	1343.8	1364.4	1331.0	1257.5	1150.6	1028.7	897.0	762.5	631.0	509.0
30°	1563.4	1613.1	1591.1	1516.5	1412.9	1281.7	1132.1	976.3	821.8	674.2	540.0
27.5°	1921.3	1919.6	1846.4	1730.9	1587.2	1420.9	1236.8	1056.9	881.3	719.3	575.2
25°	2325.4	2267.5	2141.6	1966.8	1772.0	1560.1	1343.1	1138.8	946.1	767.9	609.3
22.5°	2786.8	2646.4	2461.7	2218.1	1954.9	1703.4	1456.4	1228.4	1013.0	815.7	642.2
20°	3285.9	3050.5	2796.6	2464.4	2152.2	1859.4	1576.3	1317.2	1079.1	862.2	673.7
17.5°	3820.3	3467.6	3115.5	2731.1	2359.3	2016.6	1696.0	1404.5	1143.6	907.1	703.8
15°	4338.1	3884.6	3443.9	2999.7	2567.2	2173.6	1814.2	1489.6	1206.2	950.2	727.4
12.5°	4848.4	4307.4	3776.9	3267.0	2773.6	2328.4	1929.7	1571.7	1266.1	981.0	742.8
10°	5357.9	4730.0	4109.5	3529.7	2975.6	2479.1	2041.0	1635.7	1294.4	1000.7	755.5
7.5°	5859.6	5146.1	4436.5	3784.2	3149.6	2577.7	2088.6	1664.7	1313.0	1016.6	765.6
5°	6269.0	5417.7	4585.4	3859.7	3198.6	2616.8	2118.0	1687.2	1325.8	1028.7	772.9
2.5°	6324.3	5462.3	4607.5	3889.5	3231.2	2643.5	2137.5	1702.8	1333.0	1036.7	777.5
0°	6345.6	5476.7	4604.7	3898.5	3247.5	2657.7	2147.1	1711.1	1334.8	1040.7	779.4
-2.5°	6324.3	5462.3	4607.5	3889.5	3231.2	2643.5	2137.5	1702.8	1333.0	1036.7	777.5
-5°	6269.0	5417.7	4585.4	3859.7	3198.6	2616.8	2118.0	1687.2	1325.8	1028.7	772.9
-7.5°	5859.6	5146.1	4436.5	3784.2	3149.6	2577.7	2088.6	1664.7	1313.0	1016.6	765.6
-10°	5357.9	4730.0	4109.5	3529.7	2975.6	2479.1	2041.0	1635.7	1294.4	1000.7	755.5
-12.5°	4848.4	4307.4	3776.9	3267.0	2773.6	2328.4	1929.7	1571.7	1266.1	981.0	742.8
-15°	4338.1	3884.6	3443.9	2999.7	2567.2	2173.6	1814.2	1489.6	1206.2	950.2	727.4
-17.5°	3820.3	3467.6	3115.5	2731.1	2359.3	2016.6	1696.0	1404.5	1143.6	907.1	703.8
-20°	3285.9	3050.5	2796.6	2464.4	2152.2	1859.4	1576.3	1317.2	1079.1	862.2	673.7



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	2786.8	2646.4	2461.7	2218.1	1954.9	1703.4	1456.4	1228.4	1013.0	815.7	642.2
-25°	2325.4	2267.5	2141.6	1966.8	1772.0	1560.1	1343.1	1138.8	946.1	767.9	609.3
-27.5°	1921.3	1919.6	1846.4	1730.9	1587.2	1420.9	1236.8	1056.9	881.3	719.3	575.2
-30°	1563.4	1613.1	1591.1	1516.5	1412.9	1281.7	1132.1	976.3	821.8	674.2	540.0
-32.5°	1355.8	1343.8	1364.4	1331.0	1257.5	1150.6	1028.7	897.0	762.5	631.0	509.0
-35°	1209.6	1163.3	1164.4	1162.3	1116.9	1036.1	932.3	819.5	703.7	587.4	478.9
-37.5°	1075.9	1046.4	1000.9	1014.9	988.3	928.4	846.2	749.1	645.7	543.5	448.2
-40°	961.7	941.5	907.4	888.9	876.1	827.6	764.4	684.1	593.3	499.4	417.1
-42.5°	858.4	848.8	824.1	787.5	775.2	742.9	687.8	621.1	543.3	460.6	385.6
-45°	770.2	764.8	747.0	715.5	685.1	664.7	621.6	561.3	494.3	424.2	355.8
-47.5°	690.6	689.6	675.1	647.0	613.0	594.0	558.7	508.7	446.4	387.8	329.0
-50°	620.7	620.5	608.2	586.6	556.9	531.8	500.4	458.0	407.2	352.3	302.2
-52.5°	564.0	557.5	548.2	530.2	504.3	473.9	449.0	409.8	368.6	321.1	275.4
-55°	510.1	501.0	493.2	477.2	453.6	425.1	400.0	369.3	330.6	291.6	249.2
-57.5°	459.8	450.0	441.4	426.5	406.2	380.9	356.8	329.8	297.0	262.1	225.8
-60°	411.3	402.3	392.0	379.1	361.0	339.4	317.1	292.4	264.7	233.2	202.3
-62.5°	364.3	356.1	346.0	334.0	318.9	300.8	279.0	257.8	232.4	207.5	178.8
-65°	319.9	312.5	301.9	292.6	279.6	263.0	243.3	223.5	204.0	181.8	156.3
-67.5°	277.6	271.0	262.4	253.2	241.6	226.7	208.3	193.4	176.8	156.3	136.3
-70°	237.0	231.2	224.1	215.9	204.9	191.5	178.6	165.3	149.9	134.2	116.2
-72.5°	197.7	193.3	187.3	179.5	171.0	161.1	149.8	138.1	126.2	112.1	96.0
-75°	159.8	156.7	152.4	146.6	139.2	130.9	122.5	113.2	102.6	90.1	77.7
-77.5°	125.1	122.4	118.6	114.4	109.2	103.2	96.3	88.5	79.7	70.4	60.1
-80°	93.1	91.2	88.3	84.3	80.2	75.5	71.0	65.4	58.5	50.9	42.5
-82.5°	64.3	62.2	59.8	57.1	54.7	51.5	47.5	42.7	37.3	31.3	27.6
-85°	38.9	37.2	35.3	33.0	30.6	27.6	25.9	24.0	22.3	20.4	18.4
-87.5°	17.4	16.8	16.1	15.4	14.7	13.8	12.9	12.0	11.2	10.2	9.2
-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: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-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°	8.1	7.2	6.1	4.8	3.4	1.7	0.0
85°	16.3	14.4	12.2	9.6	6.8	3.4	0.0
82.5°	24.4	21.6	18.3	14.4	10.1	5.1	0.0
80°	33.4	28.8	24.3	19.2	13.5	6.7	0.0
77.5°	49.2	38.2	30.4	24.0	16.8	8.4	0.0
75°	64.8	51.7	37.4	28.8	20.1	10.0	0.0
72.5°	80.4	65.2	48.5	33.5	23.3	11.7	0.0
70°	96.3	78.5	59.5	38.9	26.5	13.3	0.0
67.5°	114.4	91.8	70.4	47.3	29.7	14.8	0.0
65°	132.5	106.2	81.2	55.6	32.8	16.4	0.0
62.5°	150.5	121.7	91.9	63.8	35.8	17.9	0.0
60°	168.4	137.1	102.5	71.9	38.8	19.4	0.0
57.5°	188.7	152.3	114.8	79.8	44.0	20.8	0.0
55°	209.0	167.4	127.1	87.6	49.2	22.3	0.0
52.5°	229.1	182.6	139.2	95.1	54.2	23.6	0.0
50°	248.9	199.2	151.1	102.6	59.1	24.9	0.0
47.5°	269.0	215.5	162.7	110.1	63.8	26.2	0.0
45°	292.2	231.5	174.1	118.7	68.4	27.4	0.0
42.5°	315.2	247.0	185.1	126.9	72.7	28.6	0.0
40°	338.0	262.1	196.5	134.7	76.9	29.7	0.0
37.5°	360.5	276.7	208.1	141.8	81.0	30.8	0.0
35°	382.7	293.4	219.2	148.6	84.8	31.8	0.0
32.5°	405.4	310.8	229.9	154.8	88.4	32.7	0.0
30°	429.7	327.6	240.0	160.6	91.8	33.6	0.0
27.5°	453.1	343.9	248.5	166.0	95.0	34.4	0.0
25°	475.7	359.4	256.3	170.8	97.9	35.2	0.0
22.5°	497.2	373.3	263.5	175.2	100.6	35.8	0.0
20°	517.7	383.9	270.2	179.1	103.1	36.5	0.0
17.5°	533.1	393.2	276.2	182.4	105.3	37.0	0.0
15°	544.7	401.2	281.5	185.3	107.3	37.5	0.0
12.5°	554.5	407.9	286.2	187.7	109.0	37.9	0.0
10°	562.7	413.3	290.2	189.7	110.5	38.2	0.0
7.5°	569.1	417.5	293.4	191.1	111.6	38.5	0.0
5°	573.8	420.4	295.9	192.1	112.5	38.7	0.0
2.5°	576.7	422.1	297.7	192.6	113.2	38.8	0.0
0°	577.8	422.5	298.6	192.6	113.5	38.8	0.0
-2.5°	576.7	422.1	297.7	192.6	113.2	38.8	0.0
-5°	573.8	420.4	295.9	192.1	112.5	38.7	0.0
-7.5°	569.1	417.5	293.4	191.1	111.6	38.5	0.0
-10°	562.7	413.3	290.2	189.7	110.5	38.2	0.0
-12.5°	554.5	407.9	286.2	187.7	109.0	37.9	0.0
-15°	544.7	401.2	281.5	185.3	107.3	37.5	0.0
-17.5°	533.1	393.2	276.2	182.4	105.3	37.0	0.0
-20°	517.7	383.9	270.2	179.1	103.1	36.5	0.0



REPORT NUMBER: P558830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	497.2	373.3	263.5	175.2	100.6	35.8	0.0
-25°	475.7	359.4	256.3	170.8	97.9	35.2	0.0
-27.5°	453.1	343.9	248.5	166.0	95.0	34.4	0.0
-30°	429.7	327.6	240.0	160.6	91.8	33.6	0.0
-32.5°	405.4	310.8	229.9	154.8	88.4	32.7	0.0
-35°	382.7	293.4	219.2	148.6	84.8	31.8	0.0
-37.5°	360.5	276.7	208.1	141.8	81.0	30.8	0.0
-40°	338.0	262.1	196.5	134.7	76.9	29.7	0.0
-42.5°	315.2	247.0	185.1	126.9	72.7	28.6	0.0
-45°	292.2	231.5	174.1	118.7	68.4	27.4	0.0
-47.5°	269.0	215.5	162.7	110.1	63.8	26.2	0.0
-50°	248.9	199.2	151.1	102.6	59.1	24.9	0.0
-52.5°	229.1	182.6	139.2	95.1	54.2	23.6	0.0
-55°	209.0	167.4	127.1	87.6	49.2	22.3	0.0
-57.5°	188.7	152.3	114.8	79.8	44.0	20.8	0.0
-60°	168.4	137.1	102.5	71.9	38.8	19.4	0.0
-62.5°	150.5	121.7	91.9	63.8	35.8	17.9	0.0
-65°	132.5	106.2	81.2	55.6	32.8	16.4	0.0
-67.5°	114.4	91.8	70.4	47.3	29.7	14.8	0.0
-70°	96.3	78.5	59.5	38.9	26.5	13.3	0.0
-72.5°	80.4	65.2	48.5	33.5	23.3	11.7	0.0
-75°	64.8	51.7	37.4	28.8	20.1	10.0	0.0
-77.5°	49.2	38.2	30.4	24.0	16.8	8.4	0.0
-80°	33.4	28.8	24.3	19.2	13.5	6.7	0.0
-82.5°	24.4	21.6	18.3	14.4	10.1	5.1	0.0
-85°	16.3	14.4	12.2	9.6	6.8	3.4	0.0
-87.5°	8.1	7.2	6.1	4.8	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)