

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: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558966 (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-SA4D-940-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

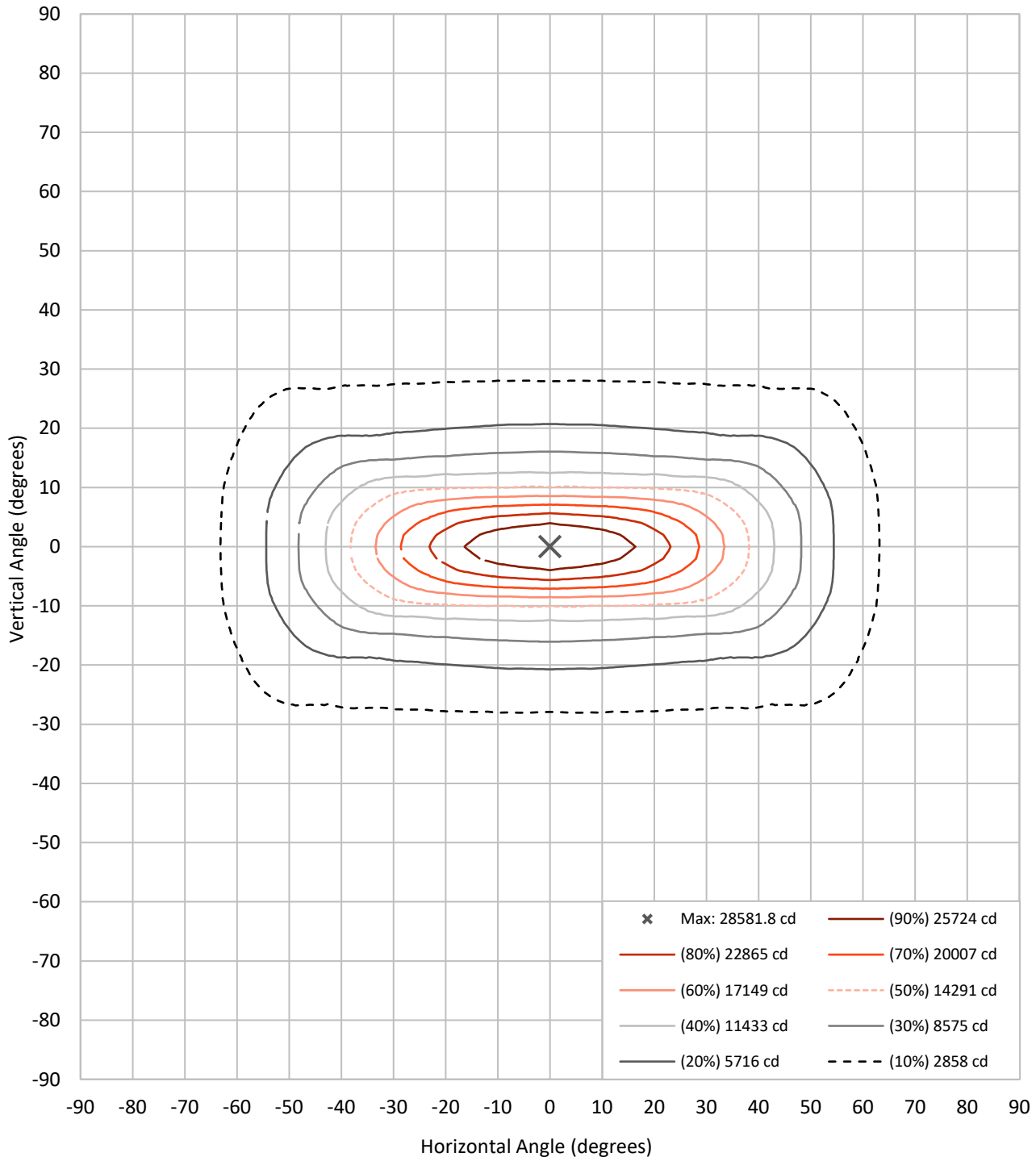
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	20469.8 lumens	Max Intensity:	28581.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	8189.9 lumens	Field Lumens:	16777.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 217
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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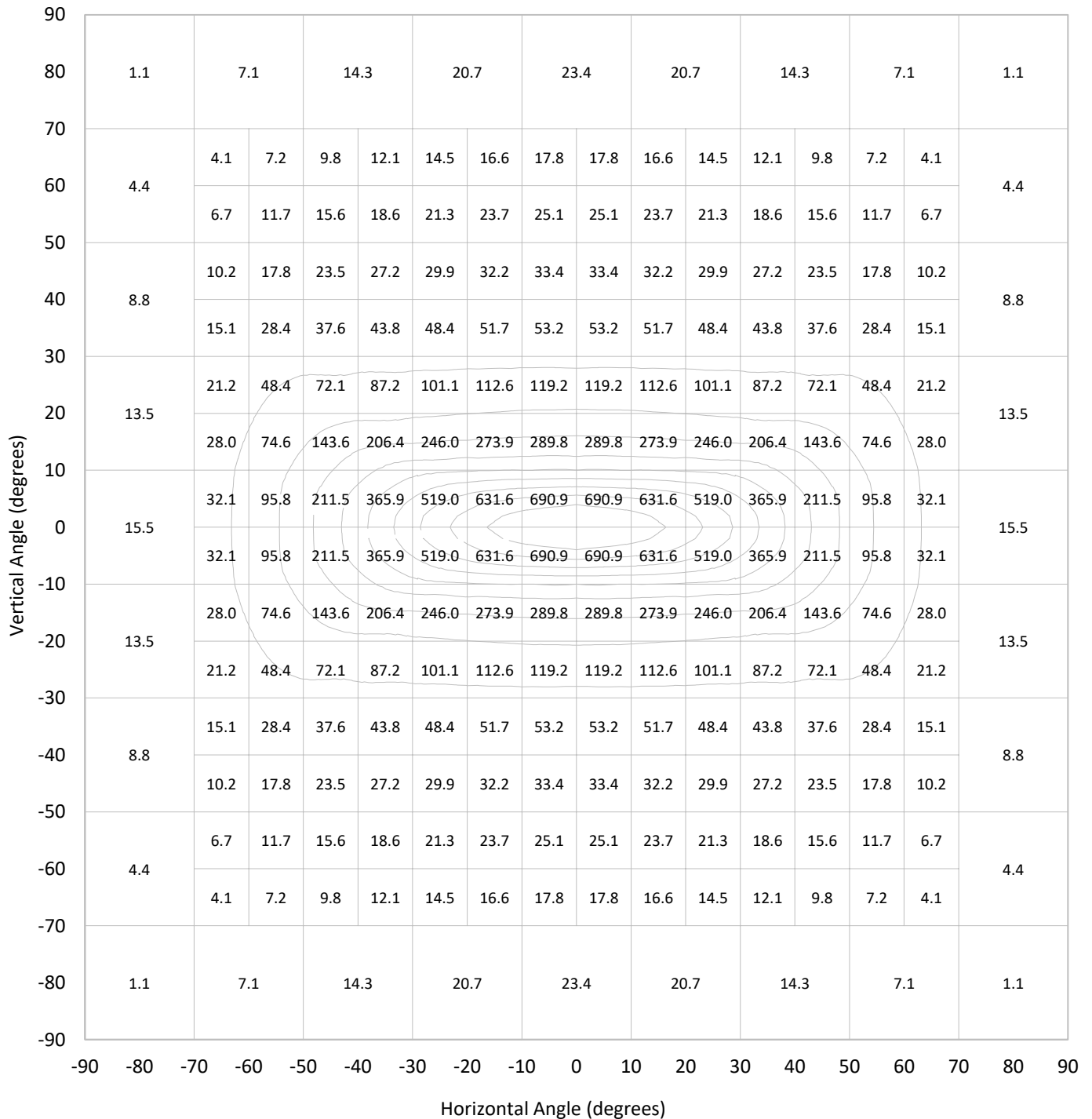
Iso-Candela Plot





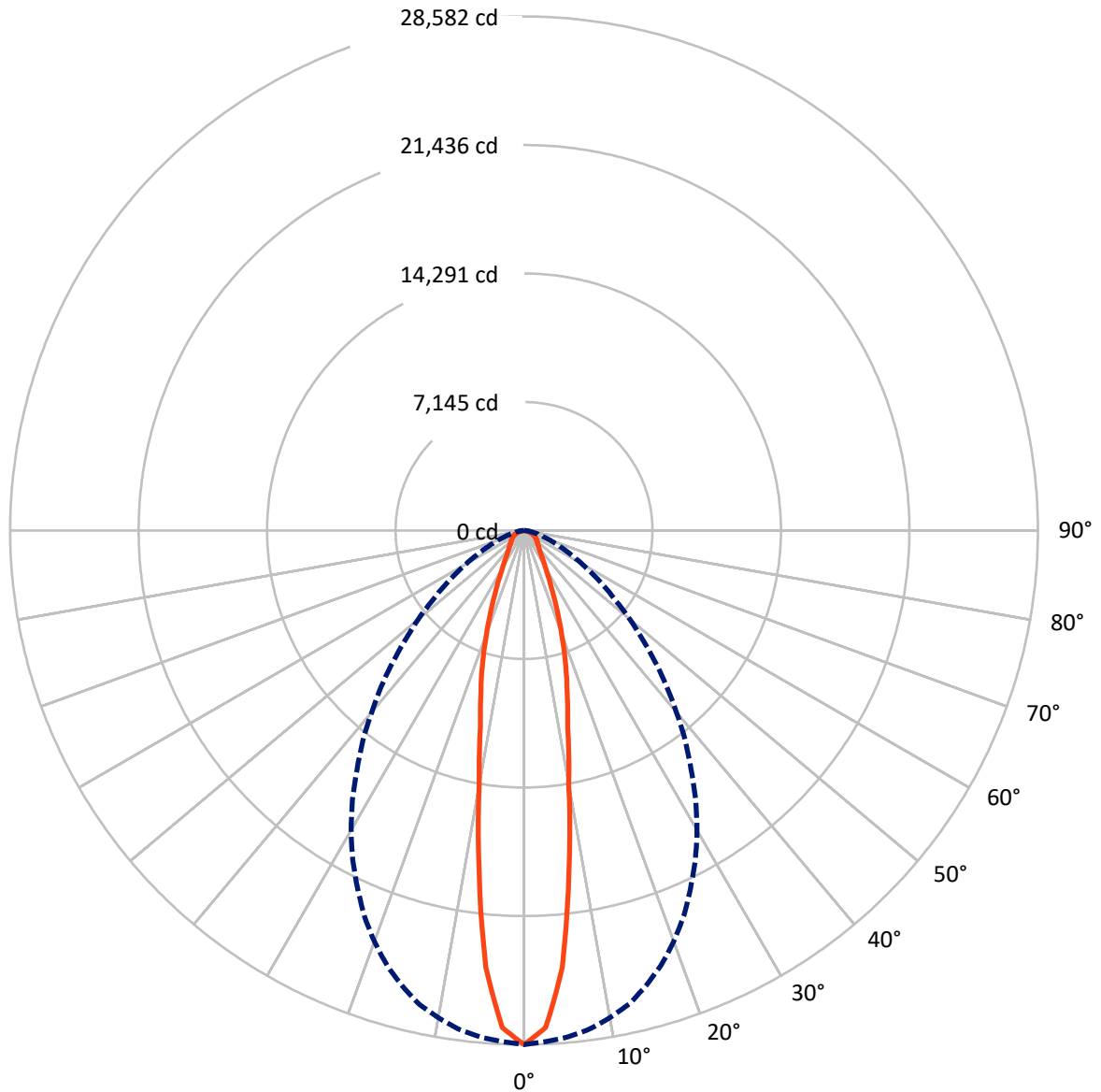
REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
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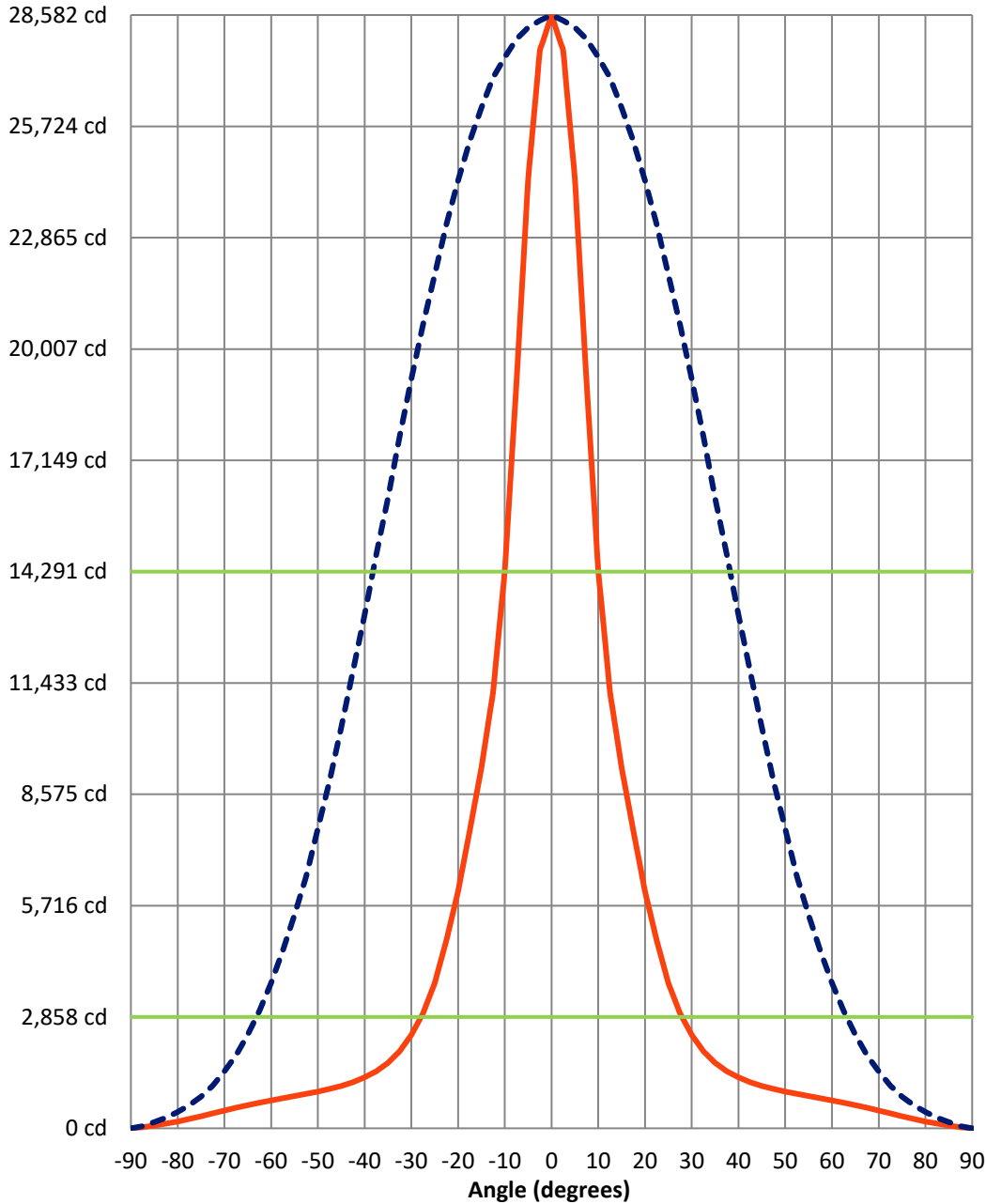
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 8189.9
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 16777.1
Efficiency: 82.0%

Spill:
Lumens: 3692.7
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	2.4	4.7	6.8	8.6	10.1	11.4	12.9	14.3	15.6	16.8
85°	0.0	4.7	9.5	13.5	17.1	20.2	22.8	25.8	28.6	31.3	33.6
82.5°	0.0	7.1	14.2	20.3	25.6	30.3	34.2	38.7	43.9	52.3	60.0
80°	0.0	9.5	18.9	27.0	34.1	40.3	46.8	59.6	71.4	82.1	91.8
77.5°	0.0	11.8	23.6	33.7	42.6	53.6	68.9	84.4	98.8	111.9	124.4
75°	0.0	14.1	28.2	40.4	52.4	72.6	91.0	109.2	126.5	144.1	159.0
72.5°	0.0	16.4	32.7	47.0	68.0	91.5	112.9	134.8	157.5	177.2	193.9
70°	0.0	18.6	37.2	54.6	83.5	110.3	135.2	163.2	188.5	210.5	232.1
67.5°	0.0	20.9	41.7	66.4	98.9	128.9	160.7	191.4	219.6	248.4	271.6
65°	0.0	23.0	46.0	78.1	114.1	149.2	186.1	219.6	255.4	286.5	313.9
62.5°	0.0	25.2	50.3	89.6	129.1	171.0	211.4	251.3	291.4	326.4	362.1
60°	0.0	27.2	54.4	101.0	143.9	192.6	236.5	284.3	327.6	371.8	410.7
57.5°	0.0	29.3	61.8	112.1	161.3	214.0	265.0	317.3	368.1	417.2	463.2
55°	0.0	31.3	69.1	123.0	178.6	235.1	293.6	350.1	409.7	464.4	518.7
52.5°	0.0	33.2	76.1	133.6	195.6	256.5	321.9	386.9	451.1	517.7	575.7
50°	0.0	35.0	83.0	144.0	212.2	279.9	349.7	424.4	494.8	572.0	643.4
47.5°	0.0	36.8	89.6	154.7	228.5	302.8	377.8	462.1	544.8	627.2	714.7
45°	0.0	38.5	96.0	166.7	244.5	325.2	410.4	499.9	595.9	694.4	788.4
42.5°	0.0	40.2	102.2	178.3	260.0	347.0	442.8	541.7	647.0	763.3	872.5
40°	0.0	41.7	108.1	189.1	276.0	368.2	474.8	585.9	701.6	833.5	960.9
37.5°	0.0	43.2	113.7	199.2	292.3	388.8	506.4	629.6	763.6	907.1	1052.3
35°	0.0	44.6	119.1	208.7	307.9	412.2	537.6	672.7	825.2	988.5	1151.2
32.5°	0.0	46.0	124.2	217.5	322.9	436.6	569.5	715.0	886.5	1071.1	1260.0
30°	0.0	47.2	128.9	225.6	337.2	460.3	603.6	758.6	947.0	1154.4	1371.4
27.5°	0.0	48.3	133.4	233.1	349.1	483.1	636.5	808.0	1010.4	1238.0	1484.7
25°	0.0	49.4	137.5	239.9	360.1	504.9	668.2	855.9	1078.7	1328.9	1599.7
22.5°	0.0	50.3	141.3	246.1	370.2	524.4	698.5	902.1	1145.8	1423.0	1725.5
20°	0.0	51.2	144.8	251.5	379.5	539.3	727.3	946.4	1211.1	1515.8	1850.2
17.5°	0.0	52.0	147.9	256.3	388.0	552.3	748.9	988.6	1274.2	1606.5	1972.8
15°	0.0	52.6	150.7	260.4	395.5	563.6	765.1	1021.8	1334.7	1694.3	2092.3
12.5°	0.0	53.2	153.1	263.7	402.1	573.0	779.0	1043.4	1378.0	1778.5	2207.6
10°	0.0	53.7	155.1	266.5	407.7	580.6	790.4	1061.3	1405.7	1818.2	2297.6
7.5°	0.0	54.0	156.8	268.5	412.3	586.5	799.5	1075.4	1428.0	1844.3	2338.3
5°	0.0	54.3	158.1	269.8	415.8	590.6	806.1	1085.7	1444.9	1862.4	2369.9
2.5°	0.0	54.4	158.9	270.5	418.2	592.9	810.1	1092.2	1456.2	1872.5	2391.8
0°	0.0	54.5	159.4	270.6	419.5	593.5	811.7	1094.8	1461.8	1875.0	2403.5
-2.5°	0.0	54.4	158.9	270.5	418.2	592.9	810.1	1092.2	1456.2	1872.5	2391.8
-5°	0.0	54.3	158.1	269.8	415.8	590.6	806.1	1085.7	1444.9	1862.4	2369.9
-7.5°	0.0	54.0	156.8	268.5	412.3	586.5	799.5	1075.4	1428.0	1844.3	2338.3
-10°	0.0	53.7	155.1	266.5	407.7	580.6	790.4	1061.3	1405.7	1818.2	2297.6
-12.5°	0.0	53.2	153.1	263.7	402.1	573.0	779.0	1043.4	1378.0	1778.5	2207.6
-15°	0.0	52.6	150.7	260.4	395.5	563.6	765.1	1021.8	1334.7	1694.3	2092.3
-17.5°	0.0	52.0	147.9	256.3	388.0	552.3	748.9	988.6	1274.2	1606.5	1972.8
-20°	0.0	51.2	144.8	251.5	379.5	539.3	727.3	946.4	1211.1	1515.8	1850.2



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 CATALOG NUMBER: GFLD-SA4D-940-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	50.3	141.3	246.1	370.2	524.4	698.5	902.1	1145.8	1423.0	1725.5
-25°	0.0	49.4	137.5	239.9	360.1	504.9	668.2	855.9	1078.7	1328.9	1599.7
-27.5°	0.0	48.3	133.4	233.1	349.1	483.1	636.5	808.0	1010.4	1238.0	1484.7
-30°	0.0	47.2	128.9	225.6	337.2	460.3	603.6	758.6	947.0	1154.4	1371.4
-32.5°	0.0	46.0	124.2	217.5	322.9	436.6	569.5	715.0	886.5	1071.1	1260.0
-35°	0.0	44.6	119.1	208.7	307.9	412.2	537.6	672.7	825.2	988.5	1151.2
-37.5°	0.0	43.2	113.7	199.2	292.3	388.8	506.4	629.6	763.6	907.1	1052.3
-40°	0.0	41.7	108.1	189.1	276.0	368.2	474.8	585.9	701.6	833.5	960.9
-42.5°	0.0	40.2	102.2	178.3	260.0	347.0	442.8	541.7	647.0	763.3	872.5
-45°	0.0	38.5	96.0	166.7	244.5	325.2	410.4	499.9	595.9	694.4	788.4
-47.5°	0.0	36.8	89.6	154.7	228.5	302.8	377.8	462.1	544.8	627.2	714.7
-50°	0.0	35.0	83.0	144.0	212.2	279.9	349.7	424.4	494.8	572.0	643.4
-52.5°	0.0	33.2	76.1	133.6	195.6	256.5	321.9	386.9	451.1	517.7	575.7
-55°	0.0	31.3	69.1	123.0	178.6	235.1	293.6	350.1	409.7	464.4	518.7
-57.5°	0.0	29.3	61.8	112.1	161.3	214.0	265.0	317.3	368.1	417.2	463.2
-60°	0.0	27.2	54.4	101.0	143.9	192.6	236.5	284.3	327.6	371.8	410.7
-62.5°	0.0	25.2	50.3	89.6	129.1	171.0	211.4	251.3	291.4	326.4	362.1
-65°	0.0	23.0	46.0	78.1	114.1	149.2	186.1	219.6	255.4	286.5	313.9
-67.5°	0.0	20.9	41.7	66.4	98.9	128.9	160.7	191.4	219.6	248.4	271.6
-70°	0.0	18.6	37.2	54.6	83.5	110.3	135.2	163.2	188.5	210.5	232.1
-72.5°	0.0	16.4	32.7	47.0	68.0	91.5	112.9	134.8	157.5	177.2	193.9
-75°	0.0	14.1	28.2	40.4	52.4	72.6	91.0	109.2	126.5	144.1	159.0
-77.5°	0.0	11.8	23.6	33.7	42.6	53.6	68.9	84.4	98.8	111.9	124.4
-80°	0.0	9.5	18.9	27.0	34.1	40.3	46.8	59.6	71.4	82.1	91.8
-82.5°	0.0	7.1	14.2	20.3	25.6	30.3	34.2	38.7	43.9	52.3	60.0
-85°	0.0	4.7	9.5	13.5	17.1	20.2	22.8	25.8	28.6	31.3	33.6
-87.5°	0.0	2.4	4.7	6.8	8.6	10.1	11.4	12.9	14.3	15.6	16.8
-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: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-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°	18.1	19.4	20.6	21.7	22.7	23.6	24.5	25.2	26.3	27.3	28.3
85°	36.3	38.8	43.0	46.4	49.6	52.3	54.6	56.6	58.6	60.2	61.5
82.5°	66.7	72.4	76.9	80.2	84.1	87.4	90.3	92.8	95.4	97.8	99.9
80°	99.8	106.1	112.7	118.4	124.0	128.2	130.8	131.9	135.2	139.5	143.8
77.5°	135.3	144.9	153.4	160.7	166.7	172.0	175.7	178.0	183.2	189.4	194.7
75°	172.1	183.8	195.6	205.9	214.0	220.1	224.4	228.1	234.4	242.4	249.3
72.5°	210.4	226.2	240.1	252.2	263.1	271.5	277.6	281.7	288.1	297.5	305.1
70°	250.7	268.9	287.7	303.2	314.9	324.7	332.8	338.5	344.2	353.8	360.9
67.5°	292.5	318.4	339.3	355.7	368.6	380.7	389.9	395.9	398.5	408.2	416.2
65°	341.7	369.4	392.7	411.1	424.0	438.9	449.3	454.4	456.0	466.5	476.4
62.5°	391.9	422.5	448.0	469.0	485.9	500.1	511.7	518.2	519.3	527.0	538.4
60°	445.5	476.7	507.1	532.5	550.6	565.1	577.7	584.6	586.0	589.1	602.1
57.5°	501.2	535.0	570.5	599.0	620.1	632.1	645.9	653.5	656.5	654.6	668.0
55°	561.9	597.1	637.1	670.3	692.9	703.8	716.6	727.5	731.2	728.8	736.8
52.5°	630.7	665.7	708.4	744.9	770.0	783.2	792.2	805.3	811.4	808.7	807.1
50°	703.0	747.0	782.3	824.0	854.3	871.6	871.9	888.2	896.1	893.7	882.9
47.5°	784.8	834.4	861.1	908.9	948.3	968.7	970.1	976.6	986.3	988.9	979.7
45°	873.2	933.8	962.4	1005.1	1049.3	1074.2	1081.8	1070.1	1087.5	1092.9	1087.0
42.5°	966.2	1043.5	1088.9	1106.2	1157.6	1192.3	1205.7	1197.4	1196.5	1208.7	1208.5
40°	1073.7	1162.5	1230.6	1248.6	1274.6	1322.5	1350.8	1349.2	1317.4	1340.1	1346.0
37.5°	1188.7	1304.1	1388.2	1425.6	1405.9	1469.8	1511.3	1528.0	1508.3	1486.0	1511.4
35°	1309.6	1455.4	1568.8	1632.7	1635.5	1634.1	1699.0	1733.9	1736.2	1695.6	1704.8
32.5°	1445.0	1616.1	1766.4	1869.6	1916.5	1887.5	1904.4	1977.6	2013.5	1998.0	1939.3
30°	1590.3	1800.4	1984.6	2130.2	2235.0	2265.8	2196.0	2253.1	2332.6	2364.3	2338.8
27.5°	1737.3	1995.8	2229.5	2431.3	2593.6	2696.4	2698.8	2610.6	2700.7	2777.2	2806.8
25°	1886.6	2191.4	2489.2	2762.7	3008.2	3185.0	3266.4	3275.9	3149.8	3264.4	3371.1
22.5°	2045.7	2392.7	2746.0	3115.6	3457.8	3717.3	3914.6	4033.4	4029.5	3909.3	4003.2
20°	2214.2	2611.8	3023.1	3461.5	3928.2	4285.0	4615.6	4868.4	5020.6	5071.1	4972.6
17.5°	2382.3	2832.7	3314.0	3836.2	4376.2	4870.8	5366.2	5769.6	6089.2	6351.6	6445.4
15°	2548.3	3053.2	3606.1	4213.5	4837.5	5456.6	6093.5	6711.3	7255.1	7735.3	8019.9
12.5°	2710.5	3270.6	3895.9	4589.0	5305.2	6050.4	6810.4	7563.0	8346.5	9124.1	9715.1
10°	2866.8	3482.3	4179.7	4958.0	5772.5	6644.0	7526.0	8419.2	9371.0	10288.1	11171.0
7.5°	2933.7	3620.8	4424.1	5315.4	6231.9	7228.5	8230.8	9267.7	10379.8	11449.9	12528.1
5°	2975.0	3675.7	4492.8	5421.4	6440.9	7609.9	8805.8	10090.2	11359.3	12591.4	13861.9
2.5°	3002.4	3713.3	4538.7	5463.3	6472.0	7672.6	8883.5	10217.1	11641.0	13065.6	14578.1
0°	3015.9	3733.2	4561.6	5476.0	6468.0	7692.9	8913.5	10289.3	11732.2	13181.5	14729.2
-2.5°	3002.4	3713.3	4538.7	5463.3	6472.0	7672.6	8883.5	10217.1	11641.0	13065.6	14578.1
-5°	2975.0	3675.7	4492.8	5421.4	6440.9	7609.9	8805.8	10090.2	11359.3	12591.4	13861.9
-7.5°	2933.7	3620.8	4424.1	5315.4	6231.9	7228.5	8230.8	9267.7	10379.8	11449.9	12528.1
-10°	2866.8	3482.3	4179.7	4958.0	5772.5	6644.0	7526.0	8419.2	9371.0	10288.1	11171.0
-12.5°	2710.5	3270.6	3895.9	4589.0	5305.2	6050.4	6810.4	7563.0	8346.5	9124.1	9715.1
-15°	2548.3	3053.2	3606.1	4213.5	4837.5	5456.6	6093.5	6711.3	7255.1	7735.3	8019.9
-17.5°	2382.3	2832.7	3314.0	3836.2	4376.2	4870.8	5366.2	5769.6	6089.2	6351.6	6445.4
-20°	2214.2	2611.8	3023.1	3461.5	3928.2	4285.0	4615.6	4868.4	5020.6	5071.1	4972.6



REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-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°	2045.7	2392.7	2746.0	3115.6	3457.8	3717.3	3914.6	4033.4	4029.5	3909.3	4003.2
-25°	1886.6	2191.4	2489.2	2762.7	3008.2	3185.0	3266.4	3275.9	3149.8	3264.4	3371.1
-27.5°	1737.3	1995.8	2229.5	2431.3	2593.6	2696.4	2698.8	2610.6	2700.7	2777.2	2806.8
-30°	1590.3	1800.4	1984.6	2130.2	2235.0	2265.8	2196.0	2253.1	2332.6	2364.3	2338.8
-32.5°	1445.0	1616.1	1766.4	1869.6	1916.5	1887.5	1904.4	1977.6	2013.5	1998.0	1939.3
-35°	1309.6	1455.4	1568.8	1632.7	1635.5	1634.1	1699.0	1733.9	1736.2	1695.6	1704.8
-37.5°	1188.7	1304.1	1388.2	1425.6	1405.9	1469.8	1511.3	1528.0	1508.3	1486.0	1511.4
-40°	1073.7	1162.5	1230.6	1248.6	1274.6	1322.5	1350.8	1349.2	1317.4	1340.1	1346.0
-42.5°	966.2	1043.5	1088.9	1106.2	1157.6	1192.3	1205.7	1197.4	1196.5	1208.7	1208.5
-45°	873.2	933.8	962.4	1005.1	1049.3	1074.2	1081.8	1070.1	1087.5	1092.9	1087.0
-47.5°	784.8	834.4	861.1	908.9	948.3	968.7	970.1	976.6	986.3	988.9	979.7
-50°	703.0	747.0	782.3	824.0	854.3	871.6	871.9	888.2	896.1	893.7	882.9
-52.5°	630.7	665.7	708.4	744.9	770.0	783.2	792.2	805.3	811.4	808.7	807.1
-55°	561.9	597.1	637.1	670.3	692.9	703.8	716.6	727.5	731.2	728.8	736.8
-57.5°	501.2	535.0	570.5	599.0	620.1	632.1	645.9	653.5	656.5	654.6	668.0
-60°	445.5	476.7	507.1	532.5	550.6	565.1	577.7	584.6	586.0	589.1	602.1
-62.5°	391.9	422.5	448.0	469.0	485.9	500.1	511.7	518.2	519.3	527.0	538.4
-65°	341.7	369.4	392.7	411.1	424.0	438.9	449.3	454.4	456.0	466.5	476.4
-67.5°	292.5	318.4	339.3	355.7	368.6	380.7	389.9	395.9	398.5	408.2	416.2
-70°	250.7	268.9	287.7	303.2	314.9	324.7	332.8	338.5	344.2	353.8	360.9
-72.5°	210.4	226.2	240.1	252.2	263.1	271.5	277.6	281.7	288.1	297.5	305.1
-75°	172.1	183.8	195.6	205.9	214.0	220.1	224.4	228.1	234.4	242.4	249.3
-77.5°	135.3	144.9	153.4	160.7	166.7	172.0	175.7	178.0	183.2	189.4	194.7
-80°	99.8	106.1	112.7	118.4	124.0	128.2	130.8	131.9	135.2	139.5	143.8
-82.5°	66.7	72.4	76.9	80.2	84.1	87.4	90.3	92.8	95.4	97.8	99.9
-85°	36.3	38.8	43.0	46.4	49.6	52.3	54.6	56.6	58.6	60.2	61.5
-87.5°	18.1	19.4	20.6	21.7	22.7	23.6	24.5	25.2	26.3	27.3	28.3
-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):

	-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°	29.2	28.8	28.2	27.5	26.7	26.7	26.6	26.5	26.4	26.1	25.9
85°	62.5	63.6	64.8	65.9	66.9	68.0	68.9	69.7	70.3	70.2	69.9
82.5°	101.7	105.0	108.4	111.6	114.6	116.2	117.4	118.2	118.6	119.6	120.3
80°	147.6	152.6	157.2	161.0	164.1	166.4	168.3	169.8	170.9	172.1	173.0
77.5°	199.7	205.2	210.6	215.2	219.2	223.0	226.2	228.7	230.6	233.5	236.2
75°	255.0	261.3	267.9	273.8	279.0	284.5	290.0	295.0	299.4	303.2	306.0
72.5°	311.0	317.6	325.7	333.2	340.2	347.7	355.0	361.4	366.9	372.2	376.8
70°	366.3	372.5	382.8	392.9	402.3	411.2	420.0	427.9	434.9	441.7	447.8
67.5°	423.3	429.8	442.7	454.4	464.8	474.6	484.9	494.0	502.0	509.1	515.3
65°	484.2	489.9	503.9	516.6	527.7	536.9	547.9	557.9	566.9	574.7	581.4
62.5°	547.1	552.9	564.5	577.0	587.5	596.3	609.4	620.7	630.2	638.2	644.9
60°	611.1	616.0	624.9	638.8	650.5	660.1	671.6	682.6	691.9	699.7	706.8
57.5°	677.4	682.4	686.7	700.6	711.9	720.7	730.8	741.5	750.5	757.9	765.1
55°	746.0	749.9	748.5	761.4	771.9	779.1	786.6	797.9	806.9	813.4	820.0
52.5°	816.1	820.7	817.5	822.9	834.5	841.0	844.2	856.4	865.6	871.5	877.5
50°	894.2	897.9	895.0	891.9	903.1	909.8	911.7	921.5	929.9	934.5	938.8
47.5°	978.8	983.3	981.1	968.8	978.8	987.3	987.5	991.7	1000.4	1003.9	1006.5
45°	1070.9	1079.6	1077.7	1069.2	1067.8	1076.5	1075.7	1072.3	1082.2	1086.6	1088.0
42.5°	1191.7	1188.8	1191.6	1186.6	1171.4	1181.2	1182.4	1170.0	1182.5	1187.8	1184.7
40°	1339.5	1312.5	1327.4	1325.2	1311.0	1308.9	1316.5	1306.4	1308.3	1316.0	1310.1
37.5°	1515.4	1496.1	1488.1	1494.8	1490.6	1472.3	1486.9	1483.3	1471.9	1484.8	1479.1
35°	1732.0	1726.2	1682.8	1709.2	1714.7	1697.4	1702.4	1709.9	1685.0	1704.5	1702.5
32.5°	1985.2	1998.1	1988.6	1972.3	1997.1	2000.2	1971.6	2006.0	1992.1	1997.0	2010.6
30°	2272.0	2337.7	2369.8	2341.1	2356.5	2387.2	2373.1	2397.0	2408.4	2390.5	2424.3
27.5°	2772.9	2749.5	2826.3	2859.7	2823.9	2879.8	2920.3	2902.4	2961.7	2926.6	2976.8
25°	3409.6	3375.3	3395.8	3506.1	3530.6	3502.2	3616.6	3630.0	3677.1	3682.8	3717.8
22.5°	4157.5	4240.3	4230.6	4264.2	4402.8	4449.2	4491.4	4601.3	4576.3	4676.0	4693.3
20°	4993.8	5201.9	5345.2	5375.4	5434.6	5594.0	5667.1	5753.8	5812.1	5906.4	5986.2
17.5°	6408.6	6301.9	6583.1	6759.8	6852.6	6885.8	7077.8	7140.3	7284.5	7366.9	7448.7
15°	8225.1	8287.2	8160.3	8328.7	8613.1	8709.2	8598.7	8856.5	8929.0	9067.8	9092.4
12.5°	10166.6	10480.9	10635.0	10676.9	10528.3	10932.8	11094.9	10891.4	11122.2	11080.6	11270.5
10°	12019.2	12782.9	13240.0	13561.5	13757.1	13874.8	13991.8	14202.0	14205.7	14361.5	14270.5
7.5°	13540.2	14508.4	15433.3	16330.6	17048.4	17450.7	17766.7	18069.7	18474.0	18667.6	18793.5
5°	15028.2	16145.2	17252.0	18339.7	19324.6	20272.2	21201.0	22006.6	22433.5	22932.4	23377.2
2.5°	15990.6	17403.6	18817.1	20217.0	21355.0	22399.4	23366.0	24263.8	25051.3	25779.9	26395.1
0°	16178.5	17759.8	19234.2	20631.0	21912.5	23202.3	24328.5	25343.6	26201.4	26975.3	27497.5
-2.5°	15990.6	17403.6	18817.1	20217.0	21355.0	22399.4	23366.0	24263.8	25051.3	25779.9	26395.1
-5°	15028.2	16145.2	17252.0	18339.7	19324.6	20272.2	21201.0	22006.6	22433.5	22932.4	23377.2
-7.5°	13540.2	14508.4	15433.3	16330.6	17048.4	17450.7	17766.7	18069.7	18474.0	18667.6	18793.5
-10°	12019.2	12782.9	13240.0	13561.5	13757.1	13874.8	13991.8	14202.0	14205.7	14361.5	14270.5
-12.5°	10166.6	10480.9	10635.0	10676.9	10528.3	10932.8	11094.9	10891.4	11122.2	11080.6	11270.5
-15°	8225.1	8287.2	8160.3	8328.7	8613.1	8709.2	8598.7	8856.5	8929.0	9067.8	9092.4
-17.5°	6408.6	6301.9	6583.1	6759.8	6852.6	6885.8	7077.8	7140.3	7284.5	7366.9	7448.7
-20°	4993.8	5201.9	5345.2	5375.4	5434.6	5594.0	5667.1	5753.8	5812.1	5906.4	5986.2



REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4157.5	4240.3	4230.6	4264.2	4402.8	4449.2	4491.4	4601.3	4576.3	4676.0	4693.3
-25°	3409.6	3375.3	3395.8	3506.1	3530.6	3502.2	3616.6	3630.0	3677.1	3682.8	3717.8
-27.5°	2772.9	2749.5	2826.3	2859.7	2823.9	2879.8	2920.3	2902.4	2961.7	2926.6	2976.8
-30°	2272.0	2337.7	2369.8	2341.1	2356.5	2387.2	2373.1	2397.0	2408.4	2390.5	2424.3
-32.5°	1985.2	1998.1	1988.6	1972.3	1997.1	2000.2	1971.6	2006.0	1992.1	1997.0	2010.6
-35°	1732.0	1726.2	1682.8	1709.2	1714.7	1697.4	1702.4	1709.9	1685.0	1704.5	1702.5
-37.5°	1515.4	1496.1	1488.1	1494.8	1490.6	1472.3	1486.9	1483.3	1471.9	1484.8	1479.1
-40°	1339.5	1312.5	1327.4	1325.2	1311.0	1308.9	1316.5	1306.4	1308.3	1316.0	1310.1
-42.5°	1191.7	1188.8	1191.6	1186.6	1171.4	1181.2	1182.4	1170.0	1182.5	1187.8	1184.7
-45°	1070.9	1079.6	1077.7	1069.2	1067.8	1076.5	1075.7	1072.3	1082.2	1086.6	1088.0
-47.5°	978.8	983.3	981.1	968.8	978.8	987.3	987.5	991.7	1000.4	1003.9	1006.5
-50°	894.2	897.9	895.0	891.9	903.1	909.8	911.7	921.5	929.9	934.5	938.8
-52.5°	816.1	820.7	817.5	822.9	834.5	841.0	844.2	856.4	865.6	871.5	877.5
-55°	746.0	749.9	748.5	761.4	771.9	779.1	786.6	797.9	806.9	813.4	820.0
-57.5°	677.4	682.4	686.7	700.6	711.9	720.7	730.8	741.5	750.5	757.9	765.1
-60°	611.1	616.0	624.9	638.8	650.5	660.1	671.6	682.6	691.9	699.7	706.8
-62.5°	547.1	552.9	564.5	577.0	587.5	596.3	609.4	620.7	630.2	638.2	644.9
-65°	484.2	489.9	503.9	516.6	527.7	536.9	547.9	557.9	566.9	574.7	581.4
-67.5°	423.3	429.8	442.7	454.4	464.8	474.6	484.9	494.0	502.0	509.1	515.3
-70°	366.3	372.5	382.8	392.9	402.3	411.2	420.0	427.9	434.9	441.7	447.8
-72.5°	311.0	317.6	325.7	333.2	340.2	347.7	355.0	361.4	366.9	372.2	376.8
-75°	255.0	261.3	267.9	273.8	279.0	284.5	290.0	295.0	299.4	303.2	306.0
-77.5°	199.7	205.2	210.6	215.2	219.2	223.0	226.2	228.7	230.6	233.5	236.2
-80°	147.6	152.6	157.2	161.0	164.1	166.4	168.3	169.8	170.9	172.1	173.0
-82.5°	101.7	105.0	108.4	111.6	114.6	116.2	117.4	118.2	118.6	119.6	120.3
-85°	62.5	63.6	64.8	65.9	66.9	68.0	68.9	69.7	70.3	70.2	69.9
-87.5°	29.2	28.8	28.2	27.5	26.7	26.7	26.6	26.5	26.4	26.1	25.9
-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: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.5	25.1	26.2	27.3	26.2	25.1	25.5	25.9	26.1	26.4	26.5
85°	69.5	68.9	70.2	71.3	70.2	68.9	69.5	69.9	70.2	70.3	69.7
82.5°	120.8	121.0	121.5	121.6	121.5	121.0	120.8	120.3	119.6	118.6	118.2
80°	173.4	173.3	172.9	172.0	172.9	173.3	173.4	173.0	172.1	170.9	169.8
77.5°	238.3	239.9	240.9	241.2	240.9	239.9	238.3	236.2	233.5	230.6	228.7
75°	307.9	308.9	309.0	308.3	309.0	308.9	307.9	306.0	303.2	299.4	295.0
72.5°	380.7	383.8	384.4	383.8	384.4	383.8	380.7	376.8	372.2	366.9	361.4
70°	452.9	456.8	456.8	455.1	456.8	456.8	452.9	447.8	441.7	434.9	427.9
67.5°	520.2	523.9	526.7	528.5	526.7	523.9	520.2	515.3	509.1	502.0	494.0
65°	586.7	590.7	592.8	593.5	592.8	590.7	586.7	581.4	574.7	566.9	557.9
62.5°	650.0	653.6	655.8	656.5	655.8	653.6	650.0	644.9	638.2	630.2	620.7
60°	712.3	716.2	716.9	715.2	716.9	716.2	712.3	706.8	699.7	691.9	682.6
57.5°	770.8	774.8	774.7	771.8	774.7	774.8	770.8	765.1	757.9	750.5	741.5
55°	824.8	827.7	828.9	828.4	828.9	827.7	824.8	820.0	813.4	806.9	797.9
52.5°	882.1	884.4	885.5	885.1	885.5	884.4	882.1	877.5	871.5	865.6	856.4
50°	941.8	942.1	942.0	941.7	942.0	942.1	941.8	938.8	934.5	929.9	921.5
47.5°	1010.1	1010.8	1010.9	1010.9	1010.9	1010.8	1010.1	1006.5	1003.9	1000.4	991.7
45°	1090.8	1088.5	1086.2	1086.4	1086.2	1088.5	1090.8	1088.0	1086.6	1082.2	1072.3
42.5°	1187.6	1185.2	1182.2	1182.9	1182.2	1185.2	1187.6	1184.7	1187.8	1182.5	1170.0
40°	1315.2	1314.5	1310.2	1308.7	1310.2	1314.5	1315.2	1310.1	1316.0	1308.3	1306.4
37.5°	1480.0	1477.6	1468.0	1463.9	1468.0	1477.6	1480.0	1479.1	1484.8	1471.9	1483.3
35°	1696.7	1693.4	1678.8	1679.9	1678.8	1693.4	1696.7	1702.5	1704.5	1685.0	1709.9
32.5°	2003.8	2004.9	1982.8	1977.7	1982.8	2004.9	2003.8	2010.6	1997.0	1992.1	2006.0
30°	2403.3	2412.1	2386.0	2397.2	2386.0	2412.1	2403.3	2424.3	2390.5	2408.4	2397.0
27.5°	2975.8	2992.5	2969.5	2950.9	2969.5	2992.5	2975.8	2976.8	2926.6	2961.7	2902.4
25°	3763.8	3776.2	3749.9	3726.9	3749.9	3776.2	3763.8	3717.8	3682.8	3677.1	3630.0
22.5°	4789.5	4788.7	4787.4	4823.8	4787.4	4788.7	4789.5	4693.3	4676.0	4576.3	4601.3
20°	6037.8	6007.5	6052.8	6082.1	6052.8	6007.5	6037.8	5986.2	5906.4	5812.1	5753.8
17.5°	7467.7	7524.4	7567.9	7640.4	7567.9	7524.4	7467.7	7448.7	7366.9	7284.5	7140.3
15°	9153.9	9239.4	9282.9	9259.5	9282.9	9239.4	9153.9	9092.4	9067.8	8929.0	8856.5
12.5°	11277.2	11379.2	11303.9	11210.0	11303.9	11379.2	11277.2	11270.5	11080.6	11122.2	10891.4
10°	14271.8	14491.7	14504.0	14320.3	14504.0	14491.7	14271.8	14270.5	14361.5	14205.7	14202.0
7.5°	18866.6	18973.4	19135.8	19144.0	19135.8	18973.4	18866.6	18793.5	18667.6	18474.0	18069.7
5°	23578.8	23863.4	24047.0	24364.2	24047.0	23863.4	23578.8	23377.2	22932.4	22433.5	22006.6
2.5°	26792.5	27160.4	27301.6	27661.1	27301.6	27160.4	26792.5	26395.1	25779.9	25051.3	24263.8
0°	27963.1	28260.9	28439.2	28581.8	28439.2	28260.9	27963.1	27497.5	26975.3	26201.4	25343.6
-2.5°	26792.5	27160.4	27301.6	27661.1	27301.6	27160.4	26792.5	26395.1	25779.9	25051.3	24263.8
-5°	23578.8	23863.4	24047.0	24364.2	24047.0	23863.4	23578.8	23377.2	22932.4	22433.5	22006.6
-7.5°	18866.6	18973.4	19135.8	19144.0	19135.8	18973.4	18866.6	18793.5	18667.6	18474.0	18069.7
-10°	14271.8	14491.7	14504.0	14320.3	14504.0	14491.7	14271.8	14270.5	14361.5	14205.7	14202.0
-12.5°	11277.2	11379.2	11303.9	11210.0	11303.9	11379.2	11277.2	11270.5	11080.6	11122.2	10891.4
-15°	9153.9	9239.4	9282.9	9259.5	9282.9	9239.4	9153.9	9092.4	9067.8	8929.0	8856.5
-17.5°	7467.7	7524.4	7567.9	7640.4	7567.9	7524.4	7467.7	7448.7	7366.9	7284.5	7140.3
-20°	6037.8	6007.5	6052.8	6082.1	6052.8	6007.5	6037.8	5986.2	5906.4	5812.1	5753.8



REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-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°	4789.5	4788.7	4787.4	4823.8	4787.4	4788.7	4789.5	4693.3	4676.0	4576.3	4601.3
-25°	3763.8	3776.2	3749.9	3726.9	3749.9	3776.2	3763.8	3717.8	3682.8	3677.1	3630.0
-27.5°	2975.8	2992.5	2969.5	2950.9	2969.5	2992.5	2975.8	2976.8	2926.6	2961.7	2902.4
-30°	2403.3	2412.1	2386.0	2397.2	2386.0	2412.1	2403.3	2424.3	2390.5	2408.4	2397.0
-32.5°	2003.8	2004.9	1982.8	1977.7	1982.8	2004.9	2003.8	2010.6	1997.0	1992.1	2006.0
-35°	1696.7	1693.4	1678.8	1679.9	1678.8	1693.4	1696.7	1702.5	1704.5	1685.0	1709.9
-37.5°	1480.0	1477.6	1468.0	1463.9	1468.0	1477.6	1480.0	1479.1	1484.8	1471.9	1483.3
-40°	1315.2	1314.5	1310.2	1308.7	1310.2	1314.5	1315.2	1310.1	1316.0	1308.3	1306.4
-42.5°	1187.6	1185.2	1182.2	1182.9	1182.2	1185.2	1187.6	1184.7	1187.8	1182.5	1170.0
-45°	1090.8	1088.5	1086.2	1086.4	1086.2	1088.5	1090.8	1088.0	1086.6	1082.2	1072.3
-47.5°	1010.1	1010.8	1010.9	1010.9	1010.9	1010.8	1010.1	1006.5	1003.9	1000.4	991.7
-50°	941.8	942.1	942.0	941.7	942.0	942.1	941.8	938.8	934.5	929.9	921.5
-52.5°	882.1	884.4	885.5	885.1	885.5	884.4	882.1	877.5	871.5	865.6	856.4
-55°	824.8	827.7	828.9	828.4	828.9	827.7	824.8	820.0	813.4	806.9	797.9
-57.5°	770.8	774.8	774.7	771.8	774.7	774.8	770.8	765.1	757.9	750.5	741.5
-60°	712.3	716.2	716.9	715.2	716.9	716.2	712.3	706.8	699.7	691.9	682.6
-62.5°	650.0	653.6	655.8	656.5	655.8	653.6	650.0	644.9	638.2	630.2	620.7
-65°	586.7	590.7	592.8	593.5	592.8	590.7	586.7	581.4	574.7	566.9	557.9
-67.5°	520.2	523.9	526.7	528.5	526.7	523.9	520.2	515.3	509.1	502.0	494.0
-70°	452.9	456.8	456.8	455.1	456.8	456.8	452.9	447.8	441.7	434.9	427.9
-72.5°	380.7	383.8	384.4	383.8	384.4	383.8	380.7	376.8	372.2	366.9	361.4
-75°	307.9	308.9	309.0	308.3	309.0	308.9	307.9	306.0	303.2	299.4	295.0
-77.5°	238.3	239.9	240.9	241.2	240.9	239.9	238.3	236.2	233.5	230.6	228.7
-80°	173.4	173.3	172.9	172.0	172.9	173.3	173.4	173.0	172.1	170.9	169.8
-82.5°	120.8	121.0	121.5	121.6	121.5	121.0	120.8	120.3	119.6	118.6	118.2
-85°	69.5	68.9	70.2	71.3	70.2	68.9	69.5	69.9	70.2	70.3	69.7
-87.5°	25.5	25.1	26.2	27.3	26.2	25.1	25.5	25.9	26.1	26.4	26.5
-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: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	26.6	26.7	26.7	27.5	28.2	28.8	29.2	28.3	27.3	26.3	25.2
85°	68.9	68.0	66.9	65.9	64.8	63.6	62.5	61.5	60.2	58.6	56.6
82.5°	117.4	116.2	114.6	111.6	108.4	105.0	101.7	99.9	97.8	95.4	92.8
80°	168.3	166.4	164.1	161.0	157.2	152.6	147.6	143.8	139.5	135.2	131.9
77.5°	226.2	223.0	219.2	215.2	210.6	205.2	199.7	194.7	189.4	183.2	178.0
75°	290.0	284.5	279.0	273.8	267.9	261.3	255.0	249.3	242.4	234.4	228.1
72.5°	355.0	347.7	340.2	333.2	325.7	317.6	311.0	305.1	297.5	288.1	281.7
70°	420.0	411.2	402.3	392.9	382.8	372.5	366.3	360.9	353.8	344.2	338.5
67.5°	484.9	474.6	464.8	454.4	442.7	429.8	423.3	416.2	408.2	398.5	395.9
65°	547.9	536.9	527.7	516.6	503.9	489.9	484.2	476.4	466.5	456.0	454.4
62.5°	609.4	596.3	587.5	577.0	564.5	552.9	547.1	538.4	527.0	519.3	518.2
60°	671.6	660.1	650.5	638.8	624.9	616.0	611.1	602.1	589.1	586.0	584.6
57.5°	730.8	720.7	711.9	700.6	686.7	682.4	677.4	668.0	654.6	656.5	653.5
55°	786.6	779.1	771.9	761.4	748.5	749.9	746.0	736.8	728.8	731.2	727.5
52.5°	844.2	841.0	834.5	822.9	817.5	820.7	816.1	807.1	808.7	811.4	805.3
50°	911.7	909.8	903.1	891.9	895.0	897.9	894.2	882.9	893.7	896.1	888.2
47.5°	987.5	987.3	978.8	968.8	981.1	983.3	978.8	979.7	988.9	986.3	976.6
45°	1075.7	1076.5	1067.8	1069.2	1077.7	1079.6	1070.9	1087.0	1092.9	1087.5	1070.1
42.5°	1182.4	1181.2	1171.4	1186.6	1191.6	1188.8	1191.7	1208.5	1208.7	1196.5	1197.4
40°	1316.5	1308.9	1311.0	1325.2	1327.4	1312.5	1339.5	1346.0	1340.1	1317.4	1349.2
37.5°	1486.9	1472.3	1490.6	1494.8	1488.1	1496.1	1515.4	1511.4	1486.0	1508.3	1528.0
35°	1702.4	1697.4	1714.7	1709.2	1682.8	1726.2	1732.0	1704.8	1695.6	1736.2	1733.9
32.5°	1971.6	2000.2	1997.1	1972.3	1988.6	1998.1	1985.2	1939.3	1998.0	2013.5	1977.6
30°	2373.1	2387.2	2356.5	2341.1	2369.8	2337.7	2272.0	2338.8	2364.3	2332.6	2253.1
27.5°	2920.3	2879.8	2823.9	2859.7	2826.3	2749.5	2772.9	2806.8	2777.2	2700.7	2610.6
25°	3616.6	3502.2	3530.6	3506.1	3395.8	3375.3	3409.6	3371.1	3264.4	3149.8	3275.9
22.5°	4491.4	4449.2	4402.8	4264.2	4230.6	4240.3	4157.5	4003.2	3909.3	4029.5	4033.4
20°	5667.1	5594.0	5434.6	5375.4	5345.2	5201.9	4993.8	4972.6	5071.1	5020.6	4868.4
17.5°	7077.8	6885.8	6852.6	6759.8	6583.1	6301.9	6408.6	6445.4	6351.6	6089.2	5769.6
15°	8598.7	8709.2	8613.1	8328.7	8160.3	8287.2	8225.1	8019.9	7735.3	7255.1	6711.3
12.5°	11094.9	10932.8	10528.3	10676.9	10635.0	10480.9	10166.6	9715.1	9124.1	8346.5	7563.0
10°	13991.8	13874.8	13757.1	13561.5	13240.0	12782.9	12019.2	11171.0	10288.1	9371.0	8419.2
7.5°	17766.7	17450.7	17048.4	16330.6	15433.3	14508.4	13540.2	12528.1	11449.9	10379.8	9267.7
5°	21201.0	20272.2	19324.6	18339.7	17252.0	16145.2	15028.2	13861.9	12591.4	11359.3	10090.2
2.5°	23366.0	22399.4	21355.0	20217.0	18817.1	17403.6	15990.6	14578.1	13065.6	11641.0	10217.1
0°	24328.5	23202.3	21912.5	20631.0	19234.2	17759.8	16178.5	14729.2	13181.5	11732.2	10289.3
-2.5°	23366.0	22399.4	21355.0	20217.0	18817.1	17403.6	15990.6	14578.1	13065.6	11641.0	10217.1
-5°	21201.0	20272.2	19324.6	18339.7	17252.0	16145.2	15028.2	13861.9	12591.4	11359.3	10090.2
-7.5°	17766.7	17450.7	17048.4	16330.6	15433.3	14508.4	13540.2	12528.1	11449.9	10379.8	9267.7
-10°	13991.8	13874.8	13757.1	13561.5	13240.0	12782.9	12019.2	11171.0	10288.1	9371.0	8419.2
-12.5°	11094.9	10932.8	10528.3	10676.9	10635.0	10480.9	10166.6	9715.1	9124.1	8346.5	7563.0
-15°	8598.7	8709.2	8613.1	8328.7	8160.3	8287.2	8225.1	8019.9	7735.3	7255.1	6711.3
-17.5°	7077.8	6885.8	6852.6	6759.8	6583.1	6301.9	6408.6	6445.4	6351.6	6089.2	5769.6
-20°	5667.1	5594.0	5434.6	5375.4	5345.2	5201.9	4993.8	4972.6	5071.1	5020.6	4868.4



REPORT NUMBER: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4491.4	4449.2	4402.8	4264.2	4230.6	4240.3	4157.5	4003.2	3909.3	4029.5	4033.4
-25°	3616.6	3502.2	3530.6	3506.1	3395.8	3375.3	3409.6	3371.1	3264.4	3149.8	3275.9
-27.5°	2920.3	2879.8	2823.9	2859.7	2826.3	2749.5	2772.9	2806.8	2777.2	2700.7	2610.6
-30°	2373.1	2387.2	2356.5	2341.1	2369.8	2337.7	2272.0	2338.8	2364.3	2332.6	2253.1
-32.5°	1971.6	2000.2	1997.1	1972.3	1988.6	1998.1	1985.2	1939.3	1998.0	2013.5	1977.6
-35°	1702.4	1697.4	1714.7	1709.2	1682.8	1726.2	1732.0	1704.8	1695.6	1736.2	1733.9
-37.5°	1486.9	1472.3	1490.6	1494.8	1488.1	1496.1	1515.4	1511.4	1486.0	1508.3	1528.0
-40°	1316.5	1308.9	1311.0	1325.2	1327.4	1312.5	1339.5	1346.0	1340.1	1317.4	1349.2
-42.5°	1182.4	1181.2	1171.4	1186.6	1191.6	1188.8	1191.7	1208.5	1208.7	1196.5	1197.4
-45°	1075.7	1076.5	1067.8	1069.2	1077.7	1079.6	1070.9	1087.0	1092.9	1087.5	1070.1
-47.5°	987.5	987.3	978.8	968.8	981.1	983.3	978.8	979.7	988.9	986.3	976.6
-50°	911.7	909.8	903.1	891.9	895.0	897.9	894.2	882.9	893.7	896.1	888.2
-52.5°	844.2	841.0	834.5	822.9	817.5	820.7	816.1	807.1	808.7	811.4	805.3
-55°	786.6	779.1	771.9	761.4	748.5	749.9	746.0	736.8	728.8	731.2	727.5
-57.5°	730.8	720.7	711.9	700.6	686.7	682.4	677.4	668.0	654.6	656.5	653.5
-60°	671.6	660.1	650.5	638.8	624.9	616.0	611.1	602.1	589.1	586.0	584.6
-62.5°	609.4	596.3	587.5	577.0	564.5	552.9	547.1	538.4	527.0	519.3	518.2
-65°	547.9	536.9	527.7	516.6	503.9	489.9	484.2	476.4	466.5	456.0	454.4
-67.5°	484.9	474.6	464.8	454.4	442.7	429.8	423.3	416.2	408.2	398.5	395.9
-70°	420.0	411.2	402.3	392.9	382.8	372.5	366.3	360.9	353.8	344.2	338.5
-72.5°	355.0	347.7	340.2	333.2	325.7	317.6	311.0	305.1	297.5	288.1	281.7
-75°	290.0	284.5	279.0	273.8	267.9	261.3	255.0	249.3	242.4	234.4	228.1
-77.5°	226.2	223.0	219.2	215.2	210.6	205.2	199.7	194.7	189.4	183.2	178.0
-80°	168.3	166.4	164.1	161.0	157.2	152.6	147.6	143.8	139.5	135.2	131.9
-82.5°	117.4	116.2	114.6	111.6	108.4	105.0	101.7	99.9	97.8	95.4	92.8
-85°	68.9	68.0	66.9	65.9	64.8	63.6	62.5	61.5	60.2	58.6	56.6
-87.5°	26.6	26.7	26.7	27.5	28.2	28.8	29.2	28.3	27.3	26.3	25.2
-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: P558966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-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°	24.5	23.6	22.7	21.7	20.6	19.4	18.1	16.8	15.6	14.3	12.9
85°	54.6	52.3	49.6	46.4	43.0	38.8	36.3	33.6	31.3	28.6	25.8
82.5°	90.3	87.4	84.1	80.2	76.9	72.4	66.7	60.0	52.3	43.9	38.7
80°	130.8	128.2	124.0	118.4	112.7	106.1	99.8	91.8	82.1	71.4	59.6
77.5°	175.7	172.0	166.7	160.7	153.4	144.9	135.3	124.4	111.9	98.8	84.4
75°	224.4	220.1	214.0	205.9	195.6	183.8	172.1	159.0	144.1	126.5	109.2
72.5°	277.6	271.5	263.1	252.2	240.1	226.2	210.4	193.9	177.2	157.5	134.8
70°	332.8	324.7	314.9	303.2	287.7	268.9	250.7	232.1	210.5	188.5	163.2
67.5°	389.9	380.7	368.6	355.7	339.3	318.4	292.5	271.6	248.4	219.6	191.4
65°	449.3	438.9	424.0	411.1	392.7	369.4	341.7	313.9	286.5	255.4	219.6
62.5°	511.7	500.1	485.9	469.0	448.0	422.5	391.9	362.1	326.4	291.4	251.3
60°	577.7	565.1	550.6	532.5	507.1	476.7	445.5	410.7	371.8	327.6	284.3
57.5°	645.9	632.1	620.1	599.0	570.5	535.0	501.2	463.2	417.2	368.1	317.3
55°	716.6	703.8	692.9	670.3	637.1	597.1	561.9	518.7	464.4	409.7	350.1
52.5°	792.2	783.2	770.0	744.9	708.4	665.7	630.7	575.7	517.7	451.1	386.9
50°	871.9	871.6	854.3	824.0	782.3	747.0	703.0	643.4	572.0	494.8	424.4
47.5°	970.1	968.7	948.3	908.9	861.1	834.4	784.8	714.7	627.2	544.8	462.1
45°	1081.8	1074.2	1049.3	1005.1	962.4	933.8	873.2	788.4	694.4	595.9	499.9
42.5°	1205.7	1192.3	1157.6	1106.2	1088.9	1043.5	966.2	872.5	763.3	647.0	541.7
40°	1350.8	1322.5	1274.6	1248.6	1230.6	1162.5	1073.7	960.9	833.5	701.6	585.9
37.5°	1511.3	1469.8	1405.9	1425.6	1388.2	1304.1	1188.7	1052.3	907.1	763.6	629.6
35°	1699.0	1634.1	1635.5	1632.7	1568.8	1455.4	1309.6	1151.2	988.5	825.2	672.7
32.5°	1904.4	1887.5	1916.5	1869.6	1766.4	1616.1	1445.0	1260.0	1071.1	886.5	715.0
30°	2196.0	2265.8	2235.0	2130.2	1984.6	1800.4	1590.3	1371.4	1154.4	947.0	758.6
27.5°	2698.8	2696.4	2593.6	2431.3	2229.5	1995.8	1737.3	1484.7	1238.0	1010.4	808.0
25°	3266.4	3185.0	3008.2	2762.7	2489.2	2191.4	1886.6	1599.7	1328.9	1078.7	855.9
22.5°	3914.6	3717.3	3457.8	3115.6	2746.0	2392.7	2045.7	1725.5	1423.0	1145.8	902.1
20°	4615.6	4285.0	3928.2	3461.5	3023.1	2611.8	2214.2	1850.2	1515.8	1211.1	946.4
17.5°	5366.2	4870.8	4376.2	3836.2	3314.0	2832.7	2382.3	1972.8	1606.5	1274.2	988.6
15°	6093.5	5456.6	4837.5	4213.5	3606.1	3053.2	2548.3	2092.3	1694.3	1334.7	1021.8
12.5°	6810.4	6050.4	5305.2	4589.0	3895.9	3270.6	2710.5	2207.6	1778.5	1378.0	1043.4
10°	7526.0	6644.0	5772.5	4958.0	4179.7	3482.3	2866.8	2297.6	1818.2	1405.7	1061.3
7.5°	8230.8	7228.5	6231.9	5315.4	4424.1	3620.8	2933.7	2338.3	1844.3	1428.0	1075.4
5°	8805.8	7609.9	6440.9	5421.4	4492.8	3675.7	2975.0	2369.9	1862.4	1444.9	1085.7
2.5°	8883.5	7672.6	6472.0	5463.3	4538.7	3713.3	3002.4	2391.8	1872.5	1456.2	1092.2
0°	8913.5	7692.9	6468.0	5476.0	4561.6	3733.2	3015.9	2403.5	1875.0	1461.8	1094.8
-2.5°	8883.5	7672.6	6472.0	5463.3	4538.7	3713.3	3002.4	2391.8	1872.5	1456.2	1092.2
-5°	8805.8	7609.9	6440.9	5421.4	4492.8	3675.7	2975.0	2369.9	1862.4	1444.9	1085.7
-7.5°	8230.8	7228.5	6231.9	5315.4	4424.1	3620.8	2933.7	2338.3	1844.3	1428.0	1075.4
-10°	7526.0	6644.0	5772.5	4958.0	4179.7	3482.3	2866.8	2297.6	1818.2	1405.7	1061.3
-12.5°	6810.4	6050.4	5305.2	4589.0	3895.9	3270.6	2710.5	2207.6	1778.5	1378.0	1043.4
-15°	6093.5	5456.6	4837.5	4213.5	3606.1	3053.2	2548.3	2092.3	1694.3	1334.7	1021.8
-17.5°	5366.2	4870.8	4376.2	3836.2	3314.0	2832.7	2382.3	1972.8	1606.5	1274.2	988.6
-20°	4615.6	4285.0	3928.2	3461.5	3023.1	2611.8	2214.2	1850.2	1515.8	1211.1	946.4



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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°	3914.6	3717.3	3457.8	3115.6	2746.0	2392.7	2045.7	1725.5	1423.0	1145.8	902.1
-25°	3266.4	3185.0	3008.2	2762.7	2489.2	2191.4	1886.6	1599.7	1328.9	1078.7	855.9
-27.5°	2698.8	2696.4	2593.6	2431.3	2229.5	1995.8	1737.3	1484.7	1238.0	1010.4	808.0
-30°	2196.0	2265.8	2235.0	2130.2	1984.6	1800.4	1590.3	1371.4	1154.4	947.0	758.6
-32.5°	1904.4	1887.5	1916.5	1869.6	1766.4	1616.1	1445.0	1260.0	1071.1	886.5	715.0
-35°	1699.0	1634.1	1635.5	1632.7	1568.8	1455.4	1309.6	1151.2	988.5	825.2	672.7
-37.5°	1511.3	1469.8	1405.9	1425.6	1388.2	1304.1	1188.7	1052.3	907.1	763.6	629.6
-40°	1350.8	1322.5	1274.6	1248.6	1230.6	1162.5	1073.7	960.9	833.5	701.6	585.9
-42.5°	1205.7	1192.3	1157.6	1106.2	1088.9	1043.5	966.2	872.5	763.3	647.0	541.7
-45°	1081.8	1074.2	1049.3	1005.1	962.4	933.8	873.2	788.4	694.4	595.9	499.9
-47.5°	970.1	968.7	948.3	908.9	861.1	834.4	784.8	714.7	627.2	544.8	462.1
-50°	871.9	871.6	854.3	824.0	782.3	747.0	703.0	643.4	572.0	494.8	424.4
-52.5°	792.2	783.2	770.0	744.9	708.4	665.7	630.7	575.7	517.7	451.1	386.9
-55°	716.6	703.8	692.9	670.3	637.1	597.1	561.9	518.7	464.4	409.7	350.1
-57.5°	645.9	632.1	620.1	599.0	570.5	535.0	501.2	463.2	417.2	368.1	317.3
-60°	577.7	565.1	550.6	532.5	507.1	476.7	445.5	410.7	371.8	327.6	284.3
-62.5°	511.7	500.1	485.9	469.0	448.0	422.5	391.9	362.1	326.4	291.4	251.3
-65°	449.3	438.9	424.0	411.1	392.7	369.4	341.7	313.9	286.5	255.4	219.6
-67.5°	389.9	380.7	368.6	355.7	339.3	318.4	292.5	271.6	248.4	219.6	191.4
-70°	332.8	324.7	314.9	303.2	287.7	268.9	250.7	232.1	210.5	188.5	163.2
-72.5°	277.6	271.5	263.1	252.2	240.1	226.2	210.4	193.9	177.2	157.5	134.8
-75°	224.4	220.1	214.0	205.9	195.6	183.8	172.1	159.0	144.1	126.5	109.2
-77.5°	175.7	172.0	166.7	160.7	153.4	144.9	135.3	124.4	111.9	98.8	84.4
-80°	130.8	128.2	124.0	118.4	112.7	106.1	99.8	91.8	82.1	71.4	59.6
-82.5°	90.3	87.4	84.1	80.2	76.9	72.4	66.7	60.0	52.3	43.9	38.7
-85°	54.6	52.3	49.6	46.4	43.0	38.8	36.3	33.6	31.3	28.6	25.8
-87.5°	24.5	23.6	22.7	21.7	20.6	19.4	18.1	16.8	15.6	14.3	12.9
-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°	11.4	10.1	8.6	6.8	4.7	2.4	0.0
85°	22.8	20.2	17.1	13.5	9.5	4.7	0.0
82.5°	34.2	30.3	25.6	20.3	14.2	7.1	0.0
80°	46.8	40.3	34.1	27.0	18.9	9.5	0.0
77.5°	68.9	53.6	42.6	33.7	23.6	11.8	0.0
75°	91.0	72.6	52.4	40.4	28.2	14.1	0.0
72.5°	112.9	91.5	68.0	47.0	32.7	16.4	0.0
70°	135.2	110.3	83.5	54.6	37.2	18.6	0.0
67.5°	160.7	128.9	98.9	66.4	41.7	20.9	0.0
65°	186.1	149.2	114.1	78.1	46.0	23.0	0.0
62.5°	211.4	171.0	129.1	89.6	50.3	25.2	0.0
60°	236.5	192.6	143.9	101.0	54.4	27.2	0.0
57.5°	265.0	214.0	161.3	112.1	61.8	29.3	0.0
55°	293.6	235.1	178.6	123.0	69.1	31.3	0.0
52.5°	321.9	256.5	195.6	133.6	76.1	33.2	0.0
50°	349.7	279.9	212.2	144.0	83.0	35.0	0.0
47.5°	377.8	302.8	228.5	154.7	89.6	36.8	0.0
45°	410.4	325.2	244.5	166.7	96.0	38.5	0.0
42.5°	442.8	347.0	260.0	178.3	102.2	40.2	0.0
40°	474.8	368.2	276.0	189.1	108.1	41.7	0.0
37.5°	506.4	388.8	292.3	199.2	113.7	43.2	0.0
35°	537.6	412.2	307.9	208.7	119.1	44.6	0.0
32.5°	569.5	436.6	322.9	217.5	124.2	46.0	0.0
30°	603.6	460.3	337.2	225.6	128.9	47.2	0.0
27.5°	636.5	483.1	349.1	233.1	133.4	48.3	0.0
25°	668.2	504.9	360.1	239.9	137.5	49.4	0.0
22.5°	698.5	524.4	370.2	246.1	141.3	50.3	0.0
20°	727.3	539.3	379.5	251.5	144.8	51.2	0.0
17.5°	748.9	552.3	388.0	256.3	147.9	52.0	0.0
15°	765.1	563.6	395.5	260.4	150.7	52.6	0.0
12.5°	779.0	573.0	402.1	263.7	153.1	53.2	0.0
10°	790.4	580.6	407.7	266.5	155.1	53.7	0.0
7.5°	799.5	586.5	412.3	268.5	156.8	54.0	0.0
5°	806.1	590.6	415.8	269.8	158.1	54.3	0.0
2.5°	810.1	592.9	418.2	270.5	158.9	54.4	0.0
0°	811.7	593.5	419.5	270.6	159.4	54.5	0.0
-2.5°	810.1	592.9	418.2	270.5	158.9	54.4	0.0
-5°	806.1	590.6	415.8	269.8	158.1	54.3	0.0
-7.5°	799.5	586.5	412.3	268.5	156.8	54.0	0.0
-10°	790.4	580.6	407.7	266.5	155.1	53.7	0.0
-12.5°	779.0	573.0	402.1	263.7	153.1	53.2	0.0
-15°	765.1	563.6	395.5	260.4	150.7	52.6	0.0
-17.5°	748.9	552.3	388.0	256.3	147.9	52.0	0.0
-20°	727.3	539.3	379.5	251.5	144.8	51.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	698.5	524.4	370.2	246.1	141.3	50.3	0.0
-25°	668.2	504.9	360.1	239.9	137.5	49.4	0.0
-27.5°	636.5	483.1	349.1	233.1	133.4	48.3	0.0
-30°	603.6	460.3	337.2	225.6	128.9	47.2	0.0
-32.5°	569.5	436.6	322.9	217.5	124.2	46.0	0.0
-35°	537.6	412.2	307.9	208.7	119.1	44.6	0.0
-37.5°	506.4	388.8	292.3	199.2	113.7	43.2	0.0
-40°	474.8	368.2	276.0	189.1	108.1	41.7	0.0
-42.5°	442.8	347.0	260.0	178.3	102.2	40.2	0.0
-45°	410.4	325.2	244.5	166.7	96.0	38.5	0.0
-47.5°	377.8	302.8	228.5	154.7	89.6	36.8	0.0
-50°	349.7	279.9	212.2	144.0	83.0	35.0	0.0
-52.5°	321.9	256.5	195.6	133.6	76.1	33.2	0.0
-55°	293.6	235.1	178.6	123.0	69.1	31.3	0.0
-57.5°	265.0	214.0	161.3	112.1	61.8	29.3	0.0
-60°	236.5	192.6	143.9	101.0	54.4	27.2	0.0
-62.5°	211.4	171.0	129.1	89.6	50.3	25.2	0.0
-65°	186.1	149.2	114.1	78.1	46.0	23.0	0.0
-67.5°	160.7	128.9	98.9	66.4	41.7	20.9	0.0
-70°	135.2	110.3	83.5	54.6	37.2	18.6	0.0
-72.5°	112.9	91.5	68.0	47.0	32.7	16.4	0.0
-75°	91.0	72.6	52.4	40.4	28.2	14.1	0.0
-77.5°	68.9	53.6	42.6	33.7	23.6	11.8	0.0
-80°	46.8	40.3	34.1	27.0	18.9	9.5	0.0
-82.5°	34.2	30.3	25.6	20.3	14.2	7.1	0.0
-85°	22.8	20.2	17.1	13.5	9.5	4.7	0.0
-87.5°	11.4	10.1	8.6	6.8	4.7	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)