

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



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: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-730-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

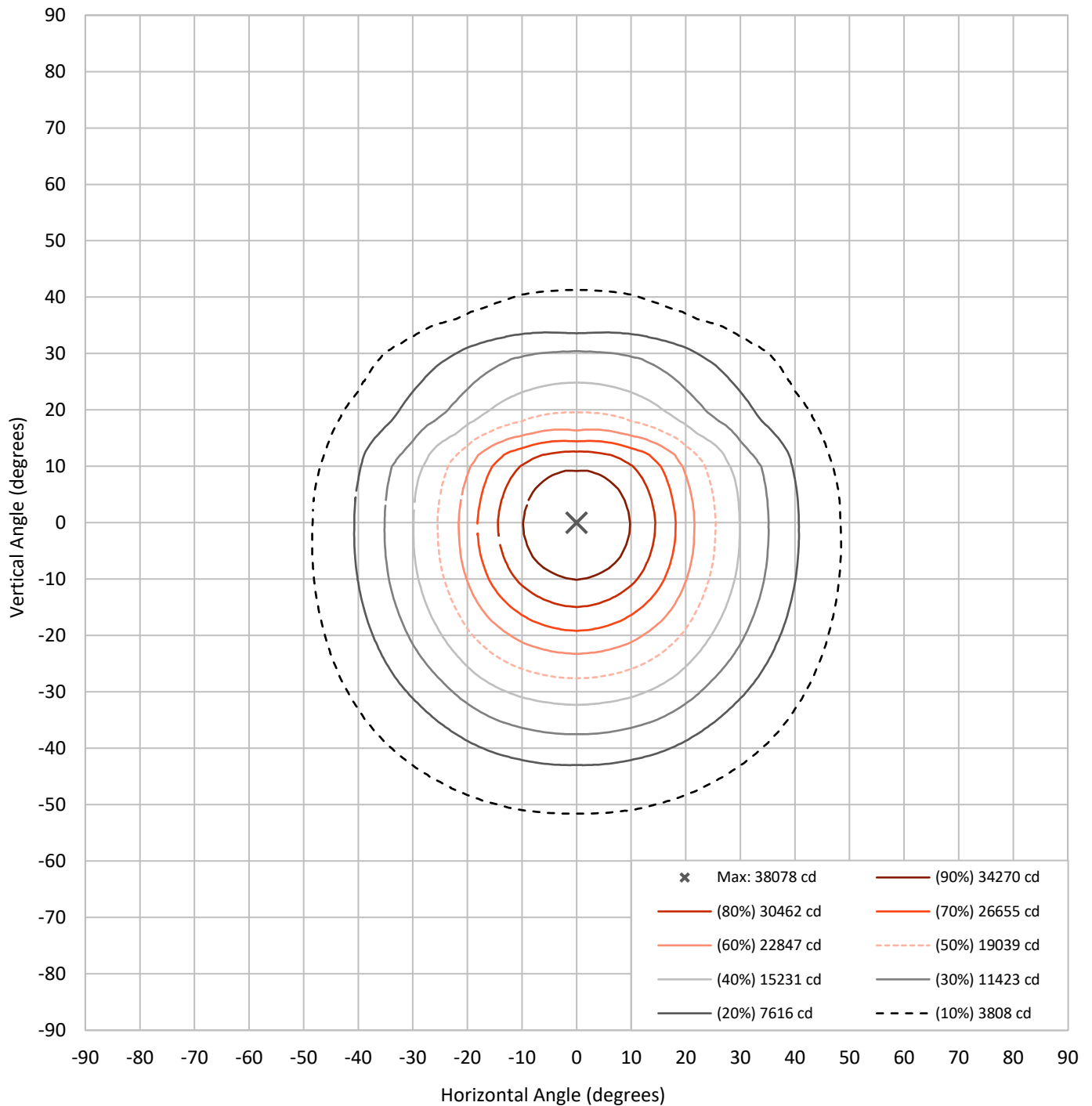
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	33593 lumens	Max Intensity:	38078 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	16173.5 lumens	Field Lumens:	30077.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot

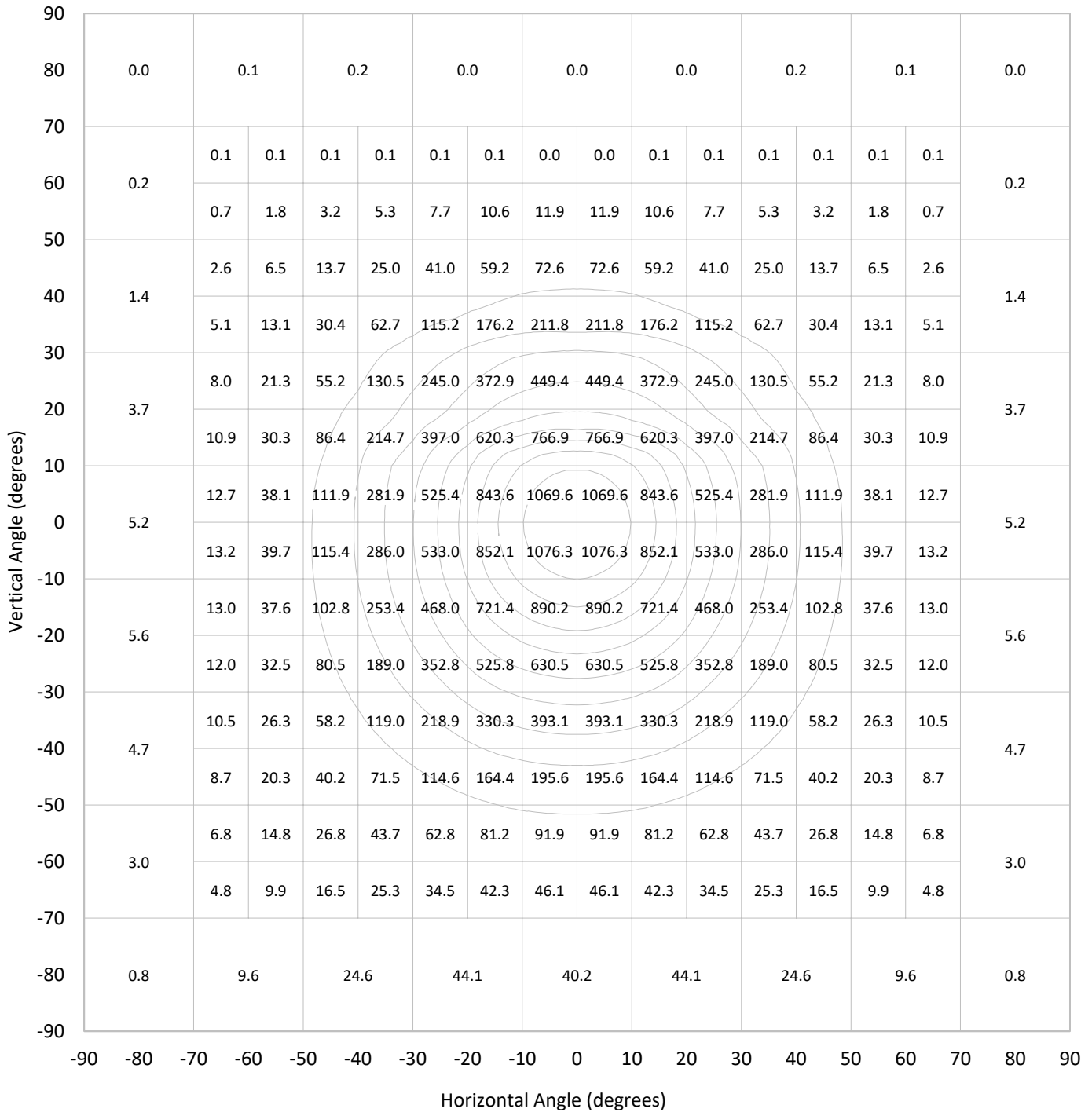




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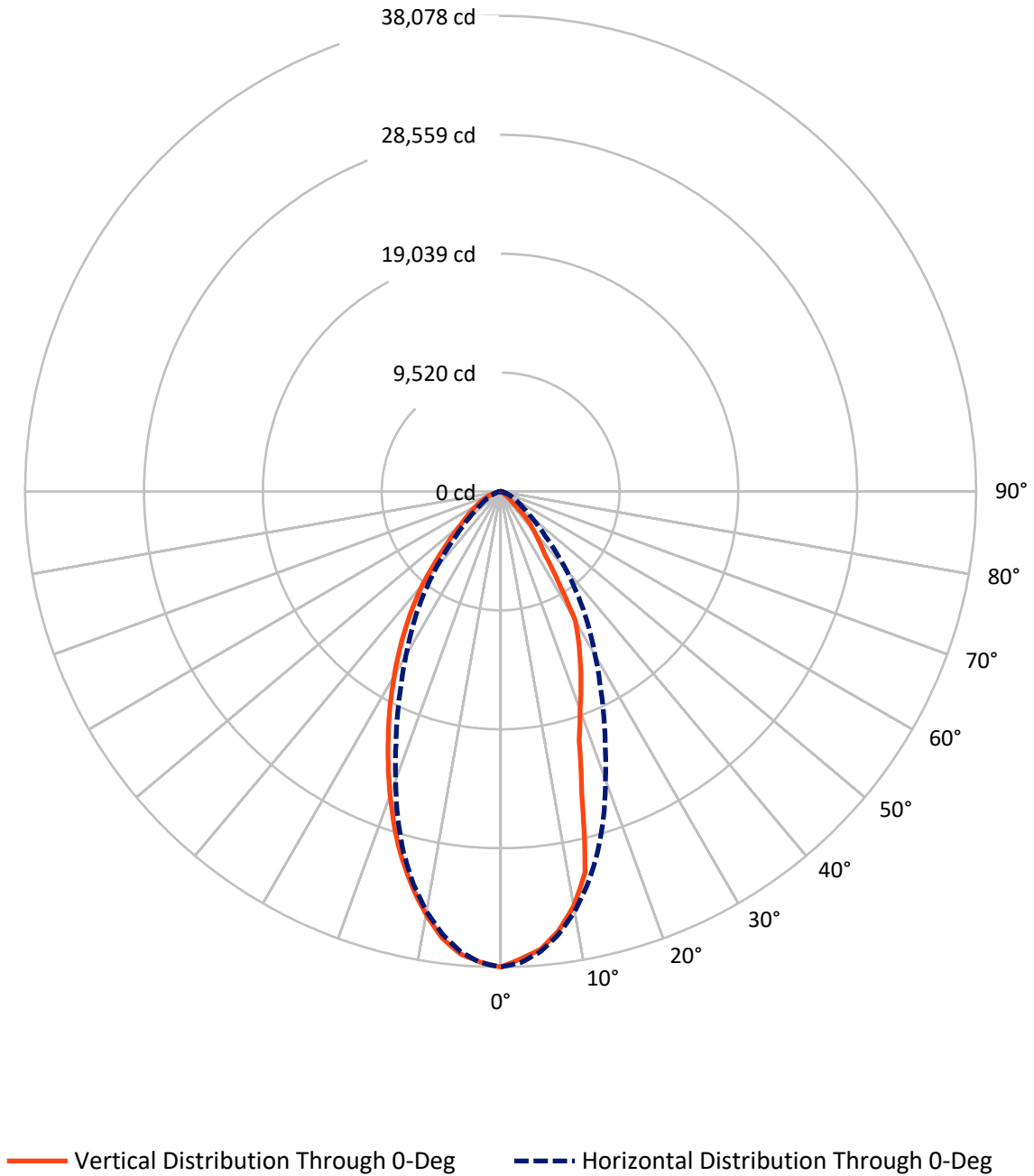
CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

Lumen Table



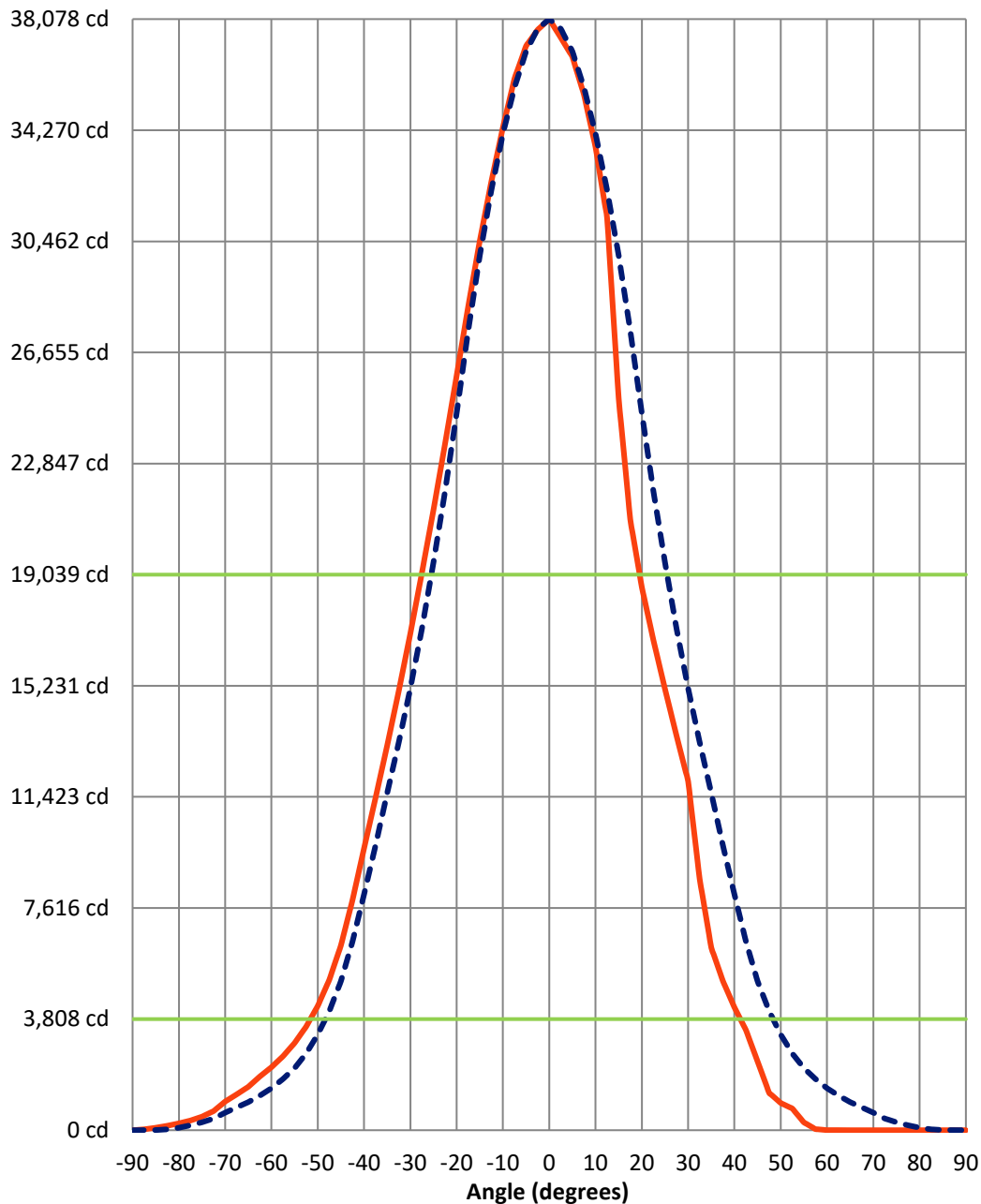
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 16173.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 30077.2
 Efficiency: 89.5%

Spill:
 Lumens: 3515.8
 Efficiency: 10.5%

- 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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	2.7	2.7
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	2.7	2.7	2.7	2.7
77.5°	0.0	0.6	1.2	1.7	2.3	2.7	2.7	2.7	2.7	2.7	2.7
75°	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	0.0	0.8	1.6	2.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	0.0	0.9	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9
67.5°	0.0	1.0	2.1	2.7	2.7	2.7	2.9	2.7	2.7	3.5	3.4
65°	0.0	1.1	2.3	2.7	2.7	3.0	3.3	2.7	3.9	4.5	5.2
62.5°	0.0	1.2	2.5	2.7	2.7	3.6	3.7	3.7	5.2	7.3	11.3
60°	0.0	1.3	2.7	2.7	2.7	4.3	4.2	5.2	6.6	18.0	19.5
57.5°	0.0	1.5	2.7	2.7	3.5	5.1	7.3	7.0	17.7	30.3	33.3
55°	0.0	1.5	2.8	2.7	4.3	6.0	11.3	10.4	32.5	45.8	51.7
52.5°	0.0	1.6	2.8	2.7	5.2	7.5	15.7	25.6	48.6	67.9	73.2
50°	0.0	1.7	2.9	2.7	6.1	12.2	20.8	42.3	67.9	92.5	111.8
47.5°	0.0	1.8	2.9	2.9	7.0	17.3	27.7	59.2	93.2	119.5	151.7
45°	0.0	1.9	3.0	3.6	8.0	22.6	42.4	76.3	118.6	154.8	191.0
42.5°	0.0	2.0	3.1	4.4	9.0	28.3	57.1	96.3	144.0	189.6	234.7
40°	0.0	2.1	3.2	5.4	11.9	34.3	71.7	118.3	170.3	223.6	280.3
37.5°	0.0	2.1	3.3	6.5	16.5	40.5	86.2	140.0	198.9	258.6	327.0
35°	0.0	2.2	3.4	7.8	21.3	50.3	100.5	161.4	227.5	300.4	377.7
32.5°	0.0	2.3	3.6	9.2	26.0	61.7	115.7	182.4	256.2	343.3	434.8
30°	0.0	2.3	3.7	10.7	30.8	72.7	132.7	203.8	284.9	387.1	492.4
27.5°	0.0	2.4	3.8	12.2	36.3	83.4	149.2	227.2	316.4	431.7	550.1
25°	0.0	2.4	4.0	13.8	41.8	93.8	165.1	250.0	352.7	479.0	607.8
22.5°	0.0	2.5	4.1	15.5	47.1	103.8	180.3	272.3	388.6	527.0	666.4
20°	0.0	2.5	4.3	17.2	52.2	113.6	194.8	293.8	423.9	574.0	722.1
17.5°	0.0	2.6	4.4	18.9	57.2	122.8	208.3	314.5	458.3	619.5	775.0
15°	0.0	2.6	4.6	20.6	62.0	131.4	220.6	332.8	491.6	663.5	824.8
12.5°	0.0	2.6	4.7	22.3	66.5	139.4	231.9	348.2	519.2	705.4	871.5
10°	0.0	2.7	4.9	24.0	70.7	146.7	242.2	361.9	541.2	730.2	908.1
7.5°	0.0	2.7	5.0	25.6	74.6	153.3	251.4	373.9	560.5	749.0	927.3
5°	0.0	2.7	5.1	27.1	78.2	159.2	259.4	384.3	577.0	764.1	942.8
2.5°	0.0	2.7	5.3	28.6	81.5	164.3	266.3	392.9	590.6	775.4	954.6
0°	0.0	2.7	5.4	29.9	84.3	168.6	272.0	399.8	601.1	783.3	962.8
-2.5°	0.0	2.9	6.2	31.8	88.2	173.9	279.4	411.3	612.9	794.6	975.6
-5°	0.0	3.0	7.0	33.5	91.6	178.4	285.5	421.0	621.4	802.8	984.6
-7.5°	0.0	3.2	7.8	35.1	94.5	182.0	290.4	428.5	626.9	807.8	990.0
-10°	0.0	3.4	8.6	36.5	96.8	184.7	293.8	433.9	629.2	809.8	991.7
-12.5°	0.0	3.5	9.3	37.7	98.6	186.5	295.9	437.0	628.5	808.6	987.0
-15°	0.0	3.6	10.0	38.6	99.8	187.4	296.5	437.6	623.9	801.5	977.5
-17.5°	0.0	3.8	10.6	39.4	100.4	187.3	295.6	436.8	615.9	792.0	964.2
-20°	0.0	3.9	11.2	39.8	100.3	186.2	294.8	434.7	605.8	780.0	947.3

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	11.7	40.1	99.4	184.2	294.9	430.8	593.8	765.8	926.7
-25°	0.0	4.0	12.1	40.1	97.9	183.5	293.6	425.0	580.2	749.5	902.6
-27.5°	0.0	4.1	12.5	39.8	95.6	182.7	290.8	417.5	565.1	730.7	880.3
-30°	0.0	4.1	12.8	39.2	92.9	180.8	286.5	408.2	551.7	709.5	856.3
-32.5°	0.0	4.1	13.0	38.4	91.7	177.7	280.8	400.6	538.6	687.3	830.7
-35°	0.0	4.1	13.1	37.3	89.8	173.4	275.3	392.2	523.7	664.4	803.4
-37.5°	0.0	4.1	13.2	35.9	87.1	168.8	269.1	382.1	507.0	640.9	771.4
-40°	0.0	4.1	13.1	34.2	83.6	164.7	261.3	370.3	488.7	618.9	737.1
-42.5°	0.0	4.0	13.0	32.6	81.1	159.5	252.1	356.9	471.7	590.4	700.6
-45°	0.0	4.0	12.8	31.4	79.5	153.2	241.3	342.8	454.3	559.9	662.7
-47.5°	0.0	3.9	12.5	29.7	77.1	146.0	229.2	328.3	434.8	528.3	627.6
-50°	0.0	3.8	12.1	29.2	73.9	137.7	218.5	312.2	409.2	499.6	591.5
-52.5°	0.0	3.6	11.7	28.8	69.9	128.4	207.0	294.2	383.8	469.5	554.7
-55°	0.0	3.5	11.1	28.0	65.0	120.9	194.2	275.1	357.6	438.3	520.1
-57.5°	0.0	3.3	10.5	26.9	59.4	112.7	180.2	258.0	330.0	406.7	484.3
-60°	0.0	3.1	9.8	25.4	53.3	103.4	165.3	237.4	301.7	374.0	447.4
-62.5°	0.0	2.9	9.2	23.6	49.6	93.0	150.8	214.6	273.7	340.0	409.2
-65°	0.0	2.7	8.6	21.5	45.4	81.6	134.9	190.7	243.9	304.1	369.6
-67.5°	0.0	2.5	7.9	19.1	40.6	71.5	117.7	166.7	212.5	266.2	325.7
-70°	0.0	2.2	7.1	16.5	35.3	62.7	99.2	141.7	182.8	226.5	278.6
-72.5°	0.0	2.0	6.3	14.6	29.6	53.2	84.3	116.1	152.2	190.5	231.0
-75°	0.0	1.7	5.5	12.7	23.5	43.1	69.2	94.6	120.7	153.7	188.5
-77.5°	0.0	1.5	4.6	10.7	19.5	32.5	53.4	74.3	95.9	118.6	145.0
-80°	0.0	1.2	3.7	8.7	15.7	24.8	36.9	53.7	71.3	89.8	109.2
-82.5°	0.0	0.9	2.8	6.6	11.9	18.8	27.2	35.9	46.4	60.6	75.6
-85°	0.0	0.6	1.9	4.4	8.0	12.6	18.2	24.0	30.6	37.8	45.8
-87.5°	0.0	0.3	0.9	2.2	4.0	6.3	9.2	12.1	15.3	19.0	23.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2
67.5°	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.1	1.4
65°	2.7	2.7	3.7	4.0	2.8	2.7	2.7	2.7	2.8	2.4	2.5
62.5°	4.0	4.9	6.1	9.5	7.0	2.7	5.3	6.2	4.2	3.3	3.6
60°	11.9	8.2	20.9	29.0	19.0	10.0	12.3	24.7	20.3	5.5	14.4
57.5°	24.0	29.6	52.7	55.3	42.5	28.7	63.0	69.8	57.9	36.4	52.4
55°	50.1	70.4	88.9	87.9	88.4	111.1	130.6	128.2	113.1	155.9	196.3
52.5°	94.7	115.8	128.1	139.5	171.3	192.4	198.5	210.5	254.8	307.9	317.4
50°	139.0	160.7	176.9	218.3	250.8	267.5	283.0	323.7	390.7	427.0	432.9
47.5°	183.9	208.1	250.8	296.0	327.5	352.7	379.6	471.9	546.6	577.6	588.9
45°	230.6	272.5	325.8	372.3	408.8	442.9	530.4	656.3	709.0	756.5	877.4
42.5°	279.2	342.3	402.3	451.0	492.2	563.5	685.2	807.3	882.7	983.8	1129.8
40°	341.1	411.9	481.5	531.0	582.3	690.4	841.2	970.4	1050.1	1185.7	1352.1
37.5°	404.0	486.7	561.9	614.2	686.2	832.5	1009.7	1164.3	1263.3	1373.6	1641.1
35°	466.2	563.1	640.2	710.3	799.3	1001.0	1219.3	1391.5	1513.7	1702.7	2041.2
32.5°	532.5	640.8	719.7	815.1	961.4	1186.9	1455.0	1646.2	1848.9	2120.9	2663.1
30°	603.1	713.7	804.4	918.9	1115.2	1378.3	1689.5	1929.7	2204.8	2646.7	3231.1
27.5°	673.5	786.2	897.9	1043.7	1259.2	1543.5	1868.5	2247.1	2602.7	3096.8	3735.7
25°	741.1	860.1	989.6	1165.8	1398.9	1696.5	2051.3	2488.0	2952.1	3517.3	4267.4
22.5°	805.7	935.2	1086.7	1276.1	1516.8	1841.8	2264.8	2777.8	3335.5	3920.9	4782.9
20°	869.0	1019.0	1192.9	1404.9	1625.3	1975.7	2473.6	3094.9	3793.8	4595.8	5440.5
17.5°	931.5	1101.8	1302.6	1538.2	1805.1	2163.8	2687.7	3427.3	4278.0	5321.7	6361.8
15°	992.8	1182.9	1408.7	1669.8	1986.6	2415.3	3010.4	3823.3	4851.0	6101.0	7332.9
12.5°	1052.2	1261.6	1510.4	1798.5	2162.7	2652.0	3314.4	4191.4	5369.1	6862.3	8375.8
10°	1109.2	1337.2	1607.1	1922.6	2331.3	2872.4	3583.2	4510.0	5760.0	7298.8	8982.1
7.5°	1138.2	1388.3	1689.5	2040.6	2490.3	3074.6	3817.1	4779.2	6065.3	7649.9	9337.6
5°	1158.9	1411.7	1720.5	2087.8	2577.8	3212.2	3996.1	4999.2	6290.4	7914.0	9578.4
2.5°	1174.9	1428.5	1743.1	2114.4	2612.3	3258.0	4055.3	5076.0	6411.1	8051.8	9718.7
0°	1185.9	1438.8	1757.0	2129.6	2630.1	3280.1	4082.5	5107.9	6462.4	8083.4	9769.7
-2.5°	1197.5	1452.8	1771.6	2153.3	2655.1	3310.3	4112.5	5130.5	6500.8	8092.2	9797.3
-5°	1204.2	1460.4	1777.4	2164.8	2663.1	3316.0	4110.4	5108.9	6470.2	8028.7	9737.4
-7.5°	1206.1	1461.2	1774.3	2162.5	2652.9	3290.3	4066.9	5045.2	6364.7	7900.2	9590.4
-10°	1203.1	1454.8	1762.5	2142.9	2623.0	3236.9	3989.3	4934.7	6191.3	7688.0	9341.9
-12.5°	1194.3	1441.2	1741.6	2110.9	2574.9	3160.9	3879.8	4777.2	5950.6	7393.0	8991.7
-15°	1180.2	1421.0	1711.3	2066.5	2508.5	3063.2	3739.1	4572.8	5640.6	7018.0	8555.5
-17.5°	1160.8	1394.1	1671.6	2010.0	2423.7	2944.4	3569.1	4333.4	5306.3	6599.5	8070.6
-20°	1136.0	1360.6	1622.6	1941.4	2326.0	2819.4	3411.2	4121.4	4993.4	6120.3	7498.5

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1105.9	1320.7	1570.7	1875.6	2239.3	2689.5	3234.8	3881.1	4642.4	5566.4	6873.9
-25°	1075.0	1282.4	1520.2	1802.4	2140.3	2542.3	3032.9	3621.7	4311.2	5156.9	6238.0
-27.5°	1044.4	1238.5	1461.8	1718.0	2029.3	2390.6	2843.0	3379.9	3994.3	4713.5	5593.8
-30°	1010.0	1189.4	1397.4	1629.6	1923.0	2258.3	2649.4	3109.4	3655.8	4305.6	5070.9
-32.5°	972.4	1136.7	1335.2	1553.0	1809.0	2114.3	2452.6	2868.6	3344.0	3880.1	4541.5
-35°	934.9	1091.7	1271.3	1470.5	1686.7	1972.6	2283.4	2628.6	3032.9	3507.6	4036.6
-37.5°	899.0	1042.6	1202.9	1388.6	1591.4	1828.7	2103.4	2415.0	2763.1	3140.8	3597.7
-40°	858.9	989.6	1141.2	1309.5	1488.9	1694.6	1942.2	2206.7	2506.3	2838.7	3191.6
-42.5°	815.4	941.0	1079.3	1224.3	1388.9	1572.7	1778.1	2019.9	2268.8	2547.3	2855.4
-45°	772.6	888.1	1014.6	1146.9	1285.4	1447.8	1634.3	1835.6	2056.2	2283.5	2542.3
-47.5°	727.7	833.1	950.9	1066.2	1188.9	1327.4	1485.7	1668.3	1852.3	2054.6	2255.3
-50°	682.6	781.6	880.6	988.2	1098.1	1213.4	1347.1	1504.7	1672.2	1840.1	2016.7
-52.5°	642.3	727.9	817.4	909.8	1009.8	1112.4	1223.9	1353.8	1500.3	1648.1	1800.3
-55°	601.2	680.0	753.9	836.7	923.2	1015.6	1115.0	1224.3	1334.8	1469.5	1600.5
-57.5°	561.0	630.9	695.2	765.7	842.7	921.2	1010.7	1103.6	1204.0	1305.7	1412.9
-60°	520.6	580.0	638.3	699.3	763.9	833.7	905.8	987.4	1073.5	1161.9	1254.8
-62.5°	478.9	527.1	578.5	634.3	691.2	744.9	805.3	872.0	943.0	1018.9	1097.7
-65°	432.2	472.2	515.1	563.7	617.0	660.4	706.6	756.8	815.5	878.1	939.8
-67.5°	382.3	417.8	452.8	488.9	532.1	570.9	609.0	648.9	692.7	743.9	793.4
-70°	326.8	362.1	393.0	422.9	450.5	478.2	510.4	541.9	577.3	623.1	668.2
-72.5°	270.4	303.5	332.7	358.1	377.5	394.0	413.9	436.8	470.6	513.2	552.9
-75°	218.7	245.4	272.7	297.1	309.6	314.6	318.7	330.8	365.1	408.7	447.3
-77.5°	170.3	193.6	215.9	237.1	245.9	249.3	251.0	251.0	276.3	313.4	352.6
-80°	125.5	141.6	160.5	178.7	184.1	185.7	185.9	184.7	205.4	232.2	260.9
-82.5°	87.2	98.8	110.9	123.2	124.9	124.0	122.2	120.5	137.2	156.5	176.3
-85°	50.8	55.7	63.0	70.6	71.5	71.1	69.8	67.6	76.9	87.4	98.5
-87.5°	25.4	27.9	30.3	32.7	31.9	30.6	29.0	27.0	29.6	32.3	35.0
-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: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	2.2	1.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.7	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.7	2.1	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.7	2.1	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.7	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.7	2.3	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.7	2.4	1.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.2	1.4	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.8	2.7	2.0	1.3	0.6	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.5	3.4	2.4	2.3	2.5	2.7	2.2	1.9	1.8	1.9	2.2
60°	15.3	8.8	8.9	11.4	9.7	4.4	8.9	11.3	10.5	8.0	7.0
57.5°	78.1	65.4	45.7	76.5	78.8	55.0	59.6	77.8	75.4	58.3	58.0
55°	196.7	199.6	214.3	233.6	248.0	254.6	260.4	289.7	320.9	351.5	366.8
52.5°	324.9	362.9	410.2	441.5	463.3	508.1	570.8	599.6	627.6	659.4	682.4
50°	478.5	544.6	592.0	598.9	673.4	721.9	733.2	787.3	846.1	882.7	909.0
47.5°	711.9	795.4	836.7	863.2	953.9	1053.4	1053.5	1084.5	1231.8	1308.8	1346.0
45°	1025.3	1095.0	1168.2	1358.2	1532.9	1588.3	1706.9	1867.6	1972.1	2115.8	2273.9
42.5°	1292.3	1423.1	1606.3	1815.5	1990.6	2136.4	2312.7	2505.9	2737.9	2956.2	3144.5
40°	1556.5	1718.3	1945.2	2172.8	2393.4	2595.4	2879.5	3128.0	3401.8	3702.0	3952.1
37.5°	1901.1	2108.4	2342.9	2629.9	2973.2	3197.4	3588.2	3945.2	4253.7	4616.2	4839.5
35°	2430.6	2700.8	2908.4	3488.5	3906.0	4168.3	4631.0	5217.7	5443.0	5899.5	6116.1
32.5°	3096.3	3455.2	4001.6	4769.9	5327.4	5810.3	6501.9	7097.2	7604.6	8063.2	8540.1
30°	3844.2	4398.2	5203.5	6224.3	6790.7	7467.0	8402.2	9108.1	9904.0	10777.5	11083.5
27.5°	4522.9	5352.6	6287.7	7114.6	7928.0	8770.3	9689.3	10596.1	11457.5	12184.4	12672.2
25°	5152.0	6156.9	7065.6	7949.2	8830.6	9779.2	10818.6	11847.1	12794.9	13542.8	14111.5
22.5°	5800.9	6862.5	7834.6	8731.2	9756.5	10831.5	11936.8	13116.4	14195.1	14971.1	15590.5
20°	6410.9	7591.7	8700.5	9721.4	10690.5	11931.5	13204.3	14455.6	15630.3	16554.5	17268.8
17.5°	7379.3	8404.2	9759.5	11085.6	12177.5	13317.5	15018.2	16309.7	17613.3	18720.2	19477.5
15°	8568.5	9695.5	11095.0	12916.2	14412.2	15718.4	17475.5	19576.4	21113.9	22527.0	23496.4
12.5°	9758.6	11033.4	12547.1	14596.7	16726.6	18265.2	20396.8	23059.0	24849.9	27037.8	28116.3
10°	10670.8	12271.6	13830.5	15700.9	17746.4	19937.3	22235.1	24725.9	27118.7	28997.4	30676.8
7.5°	11038.1	12743.2	14547.8	16456.2	18501.5	20762.7	23211.7	25803.4	28266.1	30364.4	32210.1
5°	11312.6	13059.7	14876.2	16827.6	19014.0	21375.3	23860.8	26581.9	29096.9	31345.9	33234.0
2.5°	11487.0	13250.6	15059.2	17043.1	19342.8	21774.1	24339.6	27132.7	29685.4	32000.7	33882.7
0°	11554.0	13291.9	15144.2	17186.8	19463.3	21900.3	24576.6	27402.6	29975.5	32214.0	34150.5
-2.5°	11563.0	13253.4	15149.7	17182.3	19360.6	21820.4	24529.0	27331.4	29852.1	32081.5	34035.4
-5°	11472.3	13162.0	15060.0	17061.8	19243.1	21684.4	24276.7	26984.8	29388.9	31558.6	33439.8
-7.5°	11288.3	12973.3	14829.3	16785.3	18907.8	21275.8	23765.7	26283.3	28641.8	30722.8	32518.0
-10°	11015.3	12664.8	14456.6	16362.4	18370.7	20623.1	22997.3	25402.7	27614.5	29538.9	31198.9
-12.5°	10645.6	12257.0	13968.1	15787.5	17656.9	19804.4	22046.1	24305.0	26320.9	28077.8	29567.2
-15°	10165.5	11739.3	13396.1	15116.7	16929.6	18871.5	20883.4	22955.4	24814.5	26372.6	27733.3
-17.5°	9599.8	11126.3	12699.7	14294.8	16014.9	17836.8	19704.3	21564.3	23150.0	24534.1	25778.4
-20°	8969.2	10440.0	11934.5	13421.5	14982.1	16667.1	18392.0	20025.7	21411.4	22669.1	23807.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8262.2	9670.0	11102.4	12494.0	13901.3	15427.0	16967.4	18444.9	19741.1	20816.9	21806.3
-25°	7505.4	8806.1	10158.8	11463.5	12758.8	14126.1	15525.2	16884.6	18025.3	18959.4	19777.0
-27.5°	6742.7	7931.4	9123.2	10351.5	11548.7	12810.4	14077.1	15251.3	16275.4	17135.4	17822.5
-30°	5941.1	7003.7	8092.1	9203.5	10346.7	11501.3	12645.9	13673.9	14567.9	15324.3	15918.1
-32.5°	5274.9	6082.2	7043.1	8052.0	9123.7	10175.6	11171.2	12108.3	12950.7	13611.2	14114.7
-35°	4636.4	5320.0	6039.7	6932.7	7853.3	8821.4	9737.2	10573.6	11324.5	11901.7	12375.4
-37.5°	4087.5	4628.1	5236.7	5874.3	6646.2	7446.5	8273.0	9059.5	9729.2	10232.7	10655.7
-40°	3612.4	4039.2	4525.5	5030.9	5598.8	6173.8	6893.5	7557.3	8103.8	8574.4	8957.8
-42.5°	3182.8	3543.1	3902.2	4316.7	4745.2	5207.4	5712.5	6203.5	6622.9	7016.8	7342.3
-45°	2812.1	3099.8	3386.1	3706.2	4020.9	4396.7	4757.5	5079.5	5419.3	5714.2	5946.3
-47.5°	2487.8	2712.2	2957.6	3197.2	3449.8	3732.9	4001.4	4246.4	4495.3	4711.0	4884.0
-50°	2199.6	2385.6	2586.0	2774.3	2978.6	3185.6	3384.2	3579.1	3768.2	3932.3	4059.9
-52.5°	1947.5	2109.9	2266.0	2416.0	2578.5	2731.7	2875.5	3036.3	3184.2	3313.5	3400.9
-55°	1732.7	1865.4	1993.3	2118.5	2241.4	2357.5	2472.1	2597.0	2711.2	2813.9	2879.0
-57.5°	1531.0	1644.0	1752.3	1854.6	1952.1	2044.4	2140.9	2236.9	2324.9	2402.4	2452.7
-60°	1347.5	1439.8	1533.5	1617.0	1695.6	1769.4	1850.7	1927.5	1998.5	2058.2	2093.0
-62.5°	1179.5	1262.3	1331.4	1397.4	1464.3	1530.8	1588.5	1645.2	1700.0	1746.2	1776.5
-65°	1003.7	1073.9	1132.8	1185.8	1233.7	1285.2	1334.5	1378.9	1418.5	1448.5	1467.7
-67.5°	846.5	898.1	945.3	987.4	1030.2	1071.5	1109.3	1143.1	1172.8	1193.8	1207.6
-70°	709.9	749.4	788.0	826.3	864.4	896.5	924.0	949.2	972.1	981.7	985.9
-72.5°	589.9	624.9	658.8	692.7	724.4	749.5	769.7	788.2	804.8	790.5	765.4
-75°	481.1	511.9	543.6	573.4	601.4	620.6	635.6	649.4	661.9	630.8	588.0
-77.5°	392.0	419.1	442.6	465.9	488.9	501.1	510.7	520.0	529.0	494.2	450.4
-80°	290.9	312.7	332.6	352.2	371.4	378.7	382.9	385.8	387.4	357.7	323.3
-82.5°	196.5	207.8	218.8	230.2	241.9	248.0	252.6	256.1	258.7	237.6	213.8
-85°	110.1	113.5	116.2	118.5	120.4	124.2	127.9	131.3	134.3	124.3	113.3
-87.5°	37.8	37.8	37.7	37.4	37.0	37.1	37.1	37.0	36.8	35.2	33.5
-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: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.4	2.6	2.7	2.7	2.7	2.6	2.4	2.2	1.9	1.8	1.9
60°	5.4	3.3	2.7	2.7	2.7	3.3	5.4	7.0	8.0	10.5	11.3
57.5°	54.1	47.1	42.3	38.1	42.3	47.1	54.1	58.0	58.3	75.4	77.8
55°	360.2	335.4	305.0	269.3	305.0	335.4	360.2	366.8	351.5	320.9	289.7
52.5°	706.6	730.1	743.7	742.5	743.7	730.1	706.6	682.4	659.4	627.6	599.6
50°	930.1	942.9	943.5	932.9	943.5	942.9	930.1	909.0	882.7	846.1	787.3
47.5°	1362.7	1344.8	1314.2	1281.1	1314.2	1344.8	1362.7	1346.0	1308.8	1231.8	1084.5
45°	2377.9	2435.2	2431.4	2358.1	2431.4	2435.2	2377.9	2273.9	2115.8	1972.1	1867.6
42.5°	3249.6	3335.4	3396.1	3427.0	3396.1	3335.4	3249.6	3144.5	2956.2	2737.9	2505.9
40°	4093.1	4176.0	4212.4	4210.3	4212.4	4176.0	4093.1	3952.1	3702.0	3401.8	3128.0
37.5°	4984.3	5091.5	5143.5	5118.8	5143.5	5091.5	4984.3	4839.5	4616.2	4253.7	3945.2
35°	6209.9	6310.2	6312.1	6261.1	6312.1	6310.2	6209.9	6116.1	5899.5	5443.0	5217.7
32.5°	8918.7	8952.4	8694.4	8602.9	8694.4	8952.4	8918.7	8540.1	8063.2	7604.6	7097.2
30°	11388.0	11626.0	11847.5	11959.2	11847.5	11626.0	11388.0	11083.5	10777.5	9904.0	9108.1
27.5°	13039.9	13326.2	13503.7	13515.0	13503.7	13326.2	13039.9	12672.2	12184.4	11457.5	10596.1
25°	14542.3	14862.6	15056.1	15122.4	15056.1	14862.6	14542.3	14111.5	13542.8	12794.9	11847.1
22.5°	16116.4	16493.9	16744.0	16795.1	16744.0	16493.9	16116.4	15590.5	14971.1	14195.1	13116.4
20°	17942.7	18382.0	18621.8	18612.0	18621.8	18382.0	17942.7	17268.8	16554.5	15630.3	14455.6
17.5°	20347.1	20818.2	21025.3	20934.7	21025.3	20818.2	20347.1	19477.5	18720.2	17613.3	16309.7
15°	24491.5	25477.1	25473.1	25079.8	25473.1	25477.1	24491.5	23496.4	22527.0	21113.9	19576.4
12.5°	29603.7	30338.3	31091.9	31253.9	31091.9	30338.3	29603.7	28116.3	27037.8	24849.9	23059.0
10°	32091.3	33066.7	33710.6	33693.6	33710.6	33066.7	32091.3	30676.8	28997.4	27118.7	24725.9
7.5°	33647.6	34725.3	35505.5	35488.7	35505.5	34725.3	33647.6	32210.1	30364.4	28266.1	25803.4
5°	34848.5	36043.9	36734.9	36786.1	36734.9	36043.9	34848.5	33234.0	31345.9	29096.9	26581.9
2.5°	35472.5	36720.1	37550.9	37441.5	37550.9	36720.1	35472.5	33882.7	32000.7	29685.4	27132.7
0°	35733.5	36968.3	37743.5	38078.0	37743.5	36968.3	35733.5	34150.5	32214.0	29975.5	27402.6
-2.5°	35619.5	36821.1	37677.8	37710.8	37677.8	36821.1	35619.5	34035.4	32081.5	29852.1	27331.4
-5°	35009.2	36277.2	36851.1	37156.0	36851.1	36277.2	35009.2	33439.8	31558.6	29388.9	26984.8
-7.5°	34025.0	34975.2	35704.2	36040.8	35704.2	34975.2	34025.0	32518.0	30722.8	28641.8	26283.3
-10°	32493.2	33476.9	34093.0	34370.8	34093.0	33476.9	32493.2	31198.9	29538.9	27614.5	25402.7
-12.5°	30796.3	31690.2	32276.0	32510.4	32276.0	31690.2	30796.3	29567.2	28077.8	26320.9	24305.0
-15°	28903.0	29714.7	30253.8	30478.7	30253.8	29714.7	28903.0	27733.3	26372.6	24814.5	22955.4
-17.5°	26818.9	27530.2	28067.4	28229.4	28067.4	27530.2	26818.9	25778.4	24534.1	23150.0	21564.3
-20°	24675.9	25318.9	25761.4	25857.7	25761.4	25318.9	24675.9	23807.7	22669.1	21411.4	20025.7



REPORT NUMBER: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22516.6	23046.3	23405.7	23526.8	23405.7	23046.3	22516.6	21806.3	20816.9	19741.1	18444.9
-25°	20406.4	20863.6	21152.8	21261.1	21152.8	20863.6	20406.4	19777.0	18959.4	18025.3	16884.6
-27.5°	18376.9	18803.0	19068.8	19104.3	19068.8	18803.0	18376.9	17822.5	17135.4	16275.4	15251.3
-30°	16379.9	16732.0	16936.8	17023.6	16936.8	16732.0	16379.9	15918.1	15324.3	14567.9	13673.9
-32.5°	14513.6	14821.2	15005.2	15054.4	15005.2	14821.2	14513.6	14114.7	13611.2	12950.7	12108.3
-35°	12751.9	13035.9	13199.0	13185.9	13199.0	13035.9	12751.9	12375.4	11901.7	11324.5	10573.6
-37.5°	11005.5	11267.5	11415.4	11401.6	11415.4	11267.5	11005.5	10655.7	10232.7	9729.2	9059.5
-40°	9273.0	9499.1	9629.4	9660.9	9629.4	9499.1	9273.0	8957.8	8574.4	8103.8	7557.3
-42.5°	7613.0	7821.7	7926.0	7884.9	7926.0	7821.7	7613.0	7342.3	7016.8	6622.9	6203.5
-45°	6108.6	6216.6	6287.6	6331.8	6287.6	6216.6	6108.6	5946.3	5714.2	5419.3	5079.5
-47.5°	5010.6	5100.1	5148.4	5156.8	5148.4	5100.1	5010.6	4884.0	4711.0	4495.3	4246.4
-50°	4159.2	4235.3	4268.9	4259.3	4268.9	4235.3	4159.2	4059.9	3932.3	3768.2	3579.1
-52.5°	3463.8	3507.9	3537.7	3552.1	3537.7	3507.9	3463.8	3400.9	3313.5	3184.2	3036.3
-55°	2927.9	2962.2	2982.3	2989.1	2982.3	2962.2	2927.9	2879.0	2813.9	2711.2	2597.0
-57.5°	2494.6	2527.3	2539.2	2534.9	2539.2	2527.3	2494.6	2452.7	2402.4	2324.9	2236.9
-60°	2119.7	2138.4	2152.4	2159.6	2152.4	2138.4	2119.7	2093.0	2058.2	1998.5	1927.5
-62.5°	1800.7	1818.2	1832.8	1841.3	1832.8	1818.2	1800.7	1776.5	1746.2	1700.0	1645.2
-65°	1481.1	1488.9	1491.1	1487.8	1491.1	1488.9	1481.1	1467.7	1448.5	1418.5	1378.9
-67.5°	1217.8	1224.3	1228.7	1229.4	1228.7	1224.3	1217.8	1207.6	1193.8	1172.8	1143.1
-70°	990.0	992.7	989.6	981.9	989.6	992.7	990.0	985.9	981.7	972.1	949.2
-72.5°	739.6	712.4	685.4	655.5	685.4	712.4	739.6	765.4	790.5	804.8	788.2
-75°	543.7	497.8	481.2	465.1	481.2	497.8	543.7	588.0	630.8	661.9	649.4
-77.5°	404.4	356.6	343.9	331.8	343.9	356.6	404.4	450.4	494.2	529.0	520.0
-80°	287.3	250.0	241.9	233.9	241.9	250.0	287.3	323.3	357.7	387.4	385.8
-82.5°	188.8	162.8	157.6	152.3	157.6	162.8	188.8	213.8	237.6	258.7	256.1
-85°	101.6	89.4	87.0	84.3	87.0	89.4	101.6	113.3	124.3	134.3	131.3
-87.5°	31.7	29.8	29.9	29.9	29.9	29.8	31.7	33.5	35.2	36.8	37.0
-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: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.1	2.1	2.0	1.9
85°	0.0	0.0	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7
82.5°	0.0	0.0	0.1	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7
80°	0.0	0.0	0.1	0.8	1.5	2.1	2.7	2.7	2.7	2.7	2.7
77.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.7	2.7	2.7	2.7	2.7
75°	0.0	0.0	0.2	0.9	1.6	2.3	2.7	2.7	2.7	2.7	2.7
72.5°	0.0	0.0	0.2	0.8	1.6	2.4	2.7	2.7	2.7	2.7	2.7
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.6	2.2	2.6	2.7	2.7
67.5°	0.0	0.0	0.5	1.1	1.4	1.4	1.2	1.4	2.1	2.7	2.7
65°	0.7	0.5	0.6	1.3	2.0	2.7	2.8	2.5	2.4	2.8	2.7
62.5°	2.2	2.7	2.5	2.3	2.4	3.4	3.5	3.6	3.3	4.2	6.2
60°	8.9	4.4	9.7	11.4	8.9	8.8	15.3	14.4	5.5	20.3	24.7
57.5°	59.6	55.0	78.8	76.5	45.7	65.4	78.1	52.4	36.4	57.9	69.8
55°	260.4	254.6	248.0	233.6	214.3	199.6	196.7	196.3	155.9	113.1	128.2
52.5°	570.8	508.1	463.3	441.5	410.2	362.9	324.9	317.4	307.9	254.8	210.5
50°	733.2	721.9	673.4	598.9	592.0	544.6	478.5	432.9	427.0	390.7	323.7
47.5°	1053.5	1053.4	953.9	863.2	836.7	795.4	711.9	588.9	577.6	546.6	471.9
45°	1706.9	1588.3	1532.9	1358.2	1168.2	1095.0	1025.3	877.4	756.5	709.0	656.3
42.5°	2312.7	2136.4	1990.6	1815.5	1606.3	1423.1	1292.3	1129.8	983.8	882.7	807.3
40°	2879.5	2595.4	2393.4	2172.8	1945.2	1718.3	1556.5	1352.1	1185.7	1050.1	970.4
37.5°	3588.2	3197.4	2973.2	2629.9	2342.9	2108.4	1901.1	1641.1	1373.6	1263.3	1164.3
35°	4631.0	4168.3	3906.0	3488.5	2908.4	2700.8	2430.6	2041.2	1702.7	1513.7	1391.5
32.5°	6501.9	5810.3	5327.4	4769.9	4001.6	3455.2	3096.3	2663.1	2120.9	1848.9	1646.2
30°	8402.2	7467.0	6790.7	6224.3	5203.5	4398.2	3844.2	3231.1	2646.7	2204.8	1929.7
27.5°	9689.3	8770.3	7928.0	7114.6	6287.7	5352.6	4522.9	3735.7	3096.8	2602.7	2247.1
25°	10818.6	9779.2	8830.6	7949.2	7065.6	6156.9	5152.0	4267.4	3517.3	2952.1	2488.0
22.5°	11936.8	10831.5	9756.5	8731.2	7834.6	6862.5	5800.9	4782.9	3920.9	3335.5	2777.8
20°	13204.3	11931.5	10690.5	9721.4	8700.5	7591.7	6410.9	5440.5	4595.8	3793.8	3094.9
17.5°	15018.2	13317.5	12177.5	11085.6	9759.5	8404.2	7379.3	6361.8	5321.7	4278.0	3427.3
15°	17475.5	15718.4	14412.2	12916.2	11095.0	9695.5	8568.5	7332.9	6101.0	4851.0	3823.3
12.5°	20396.8	18265.2	16726.6	14596.7	12547.1	11033.4	9758.6	8375.8	6862.3	5369.1	4191.4
10°	22235.1	19937.3	17746.4	15700.9	13830.5	12271.6	10670.8	8982.1	7298.8	5760.0	4510.0
7.5°	23211.7	20762.7	18501.5	16456.2	14547.8	12743.2	11038.1	9337.6	7649.9	6065.3	4779.2
5°	23860.8	21375.3	19014.0	16827.6	14876.2	13059.7	11312.6	9578.4	7914.0	6290.4	4999.2
2.5°	24339.6	21774.1	19342.8	17043.1	15059.2	13250.6	11487.0	9718.7	8051.8	6411.1	5076.0
0°	24576.6	21900.3	19463.3	17186.8	15144.2	13291.9	11554.0	9769.7	8083.4	6462.4	5107.9
-2.5°	24529.0	21820.4	19360.6	17182.3	15149.7	13253.4	11563.0	9797.3	8092.2	6500.8	5130.5
-5°	24276.7	21684.4	19243.1	17061.8	15060.0	13162.0	11472.3	9737.4	8028.7	6470.2	5108.9
-7.5°	23765.7	21275.8	18907.8	16785.3	14829.3	12973.3	11288.3	9590.4	7900.2	6364.7	5045.2
-10°	22997.3	20623.1	18370.7	16362.4	14456.6	12664.8	11015.3	9341.9	7688.0	6191.3	4934.7
-12.5°	22046.1	19804.4	17656.9	15787.5	13968.1	12257.0	10645.6	8991.7	7393.0	5950.6	4777.2
-15°	20883.4	18871.5	16929.6	15116.7	13396.1	11739.3	10165.5	8555.5	7018.0	5640.6	4572.8
-17.5°	19704.3	17836.8	16014.9	14294.8	12699.7	11126.3	9599.8	8070.6	6599.5	5306.3	4333.4
-20°	18392.0	16667.1	14982.1	13421.5	11934.5	10440.0	8969.2	7498.5	6120.3	4993.4	4121.4



REPORT NUMBER: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16967.4	15427.0	13901.3	12494.0	11102.4	9670.0	8262.2	6873.9	5566.4	4642.4	3881.1
-25°	15525.2	14126.1	12758.8	11463.5	10158.8	8806.1	7505.4	6238.0	5156.9	4311.2	3621.7
-27.5°	14077.1	12810.4	11548.7	10351.5	9123.2	7931.4	6742.7	5593.8	4713.5	3994.3	3379.9
-30°	12645.9	11501.3	10346.7	9203.5	8092.1	7003.7	5941.1	5070.9	4305.6	3655.8	3109.4
-32.5°	11171.2	10175.6	9123.7	8052.0	7043.1	6082.2	5274.9	4541.5	3880.1	3344.0	2868.6
-35°	9737.2	8821.4	7853.3	6932.7	6039.7	5320.0	4636.4	4036.6	3507.6	3032.9	2628.6
-37.5°	8273.0	7446.5	6646.2	5874.3	5236.7	4628.1	4087.5	3597.7	3140.8	2763.1	2415.0
-40°	6893.5	6173.8	5598.8	5030.9	4525.5	4039.2	3612.4	3191.6	2838.7	2506.3	2206.7
-42.5°	5712.5	5207.4	4745.2	4316.7	3902.2	3543.1	3182.8	2855.4	2547.3	2268.8	2019.9
-45°	4757.5	4396.7	4020.9	3706.2	3386.1	3099.8	2812.1	2542.3	2283.5	2056.2	1835.6
-47.5°	4001.4	3732.9	3449.8	3197.2	2957.6	2712.2	2487.8	2255.3	2054.6	1852.3	1668.3
-50°	3384.2	3185.6	2978.6	2774.3	2586.0	2385.6	2199.6	2016.7	1840.1	1672.2	1504.7
-52.5°	2875.5	2731.7	2578.5	2416.0	2266.0	2109.9	1947.5	1800.3	1648.1	1500.3	1353.8
-55°	2472.1	2357.5	2241.4	2118.5	1993.3	1865.4	1732.7	1600.5	1469.5	1334.8	1224.3
-57.5°	2140.9	2044.4	1952.1	1854.6	1752.3	1644.0	1531.0	1412.9	1305.7	1204.0	1103.6
-60°	1850.7	1769.4	1695.6	1617.0	1533.5	1439.8	1347.5	1254.8	1161.9	1073.5	987.4
-62.5°	1588.5	1530.8	1464.3	1397.4	1331.4	1262.3	1179.5	1097.7	1018.9	943.0	872.0
-65°	1334.5	1285.2	1233.7	1185.8	1132.8	1073.9	1003.7	939.8	878.1	815.5	756.8
-67.5°	1109.3	1071.5	1030.2	987.4	945.3	898.1	846.5	793.4	743.9	692.7	648.9
-70°	924.0	896.5	864.4	826.3	788.0	749.4	709.9	668.2	623.1	577.3	541.9
-72.5°	769.7	749.5	724.4	692.7	658.8	624.9	589.9	552.9	513.2	470.6	436.8
-75°	635.6	620.6	601.4	573.4	543.6	511.9	481.1	447.3	408.7	365.1	330.8
-77.5°	510.7	501.1	488.9	465.9	442.6	419.1	392.0	352.6	313.4	276.3	251.0
-80°	382.9	378.7	371.4	352.2	332.6	312.7	290.9	260.9	232.2	205.4	184.7
-82.5°	252.6	248.0	241.9	230.2	218.8	207.8	196.5	176.3	156.5	137.2	120.5
-85°	127.9	124.2	120.4	118.5	116.2	113.5	110.1	98.5	87.4	76.9	67.6
-87.5°	37.1	37.1	37.0	37.4	37.7	37.8	37.8	35.0	32.3	29.6	27.0
-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: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.3	2.1	1.8	1.6
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.7	2.7	2.7
67.5°	2.7	2.7	2.7	2.8	2.7	2.7	2.7	3.4	3.5	2.7	2.7
65°	2.7	2.7	2.8	4.0	3.7	2.7	2.7	5.2	4.5	3.9	2.7
62.5°	5.3	2.7	7.0	9.5	6.1	4.9	4.0	11.3	7.3	5.2	3.7
60°	12.3	10.0	19.0	29.0	20.9	8.2	11.9	19.5	18.0	6.6	5.2
57.5°	63.0	28.7	42.5	55.3	52.7	29.6	24.0	33.3	30.3	17.7	7.0
55°	130.6	111.1	88.4	87.9	88.9	70.4	50.1	51.7	45.8	32.5	10.4
52.5°	198.5	192.4	171.3	139.5	128.1	115.8	94.7	73.2	67.9	48.6	25.6
50°	283.0	267.5	250.8	218.3	176.9	160.7	139.0	111.8	92.5	67.9	42.3
47.5°	379.6	352.7	327.5	296.0	250.8	208.1	183.9	151.7	119.5	93.2	59.2
45°	530.4	442.9	408.8	372.3	325.8	272.5	230.6	191.0	154.8	118.6	76.3
42.5°	685.2	563.5	492.2	451.0	402.3	342.3	279.2	234.7	189.6	144.0	96.3
40°	841.2	690.4	582.3	531.0	481.5	411.9	341.1	280.3	223.6	170.3	118.3
37.5°	1009.7	832.5	686.2	614.2	561.9	486.7	404.0	327.0	258.6	198.9	140.0
35°	1219.3	1001.0	799.3	710.3	640.2	563.1	466.2	377.7	300.4	227.5	161.4
32.5°	1455.0	1186.9	961.4	815.1	719.7	640.8	532.5	434.8	343.3	256.2	182.4
30°	1689.5	1378.3	1115.2	918.9	804.4	713.7	603.1	492.4	387.1	284.9	203.8
27.5°	1868.5	1543.5	1259.2	1043.7	897.9	786.2	673.5	550.1	431.7	316.4	227.2
25°	2051.3	1696.5	1398.9	1165.8	989.6	860.1	741.1	607.8	479.0	352.7	250.0
22.5°	2264.8	1841.8	1516.8	1276.1	1086.7	935.2	805.7	666.4	527.0	388.6	272.3
20°	2473.6	1975.7	1625.3	1404.9	1192.9	1019.0	869.0	722.1	574.0	423.9	293.8
17.5°	2687.7	2163.8	1805.1	1538.2	1302.6	1101.8	931.5	775.0	619.5	458.3	314.5
15°	3010.4	2415.3	1986.6	1669.8	1408.7	1182.9	992.8	824.8	663.5	491.6	332.8
12.5°	3314.4	2652.0	2162.7	1798.5	1510.4	1261.6	1052.2	871.5	705.4	519.2	348.2
10°	3583.2	2872.4	2331.3	1922.6	1607.1	1337.2	1109.2	908.1	730.2	541.2	361.9
7.5°	3817.1	3074.6	2490.3	2040.6	1689.5	1388.3	1138.2	927.3	749.0	560.5	373.9
5°	3996.1	3212.2	2577.8	2087.8	1720.5	1411.7	1158.9	942.8	764.1	577.0	384.3
2.5°	4055.3	3258.0	2612.3	2114.4	1743.1	1428.5	1174.9	954.6	775.4	590.6	392.9
0°	4082.5	3280.1	2630.1	2129.6	1757.0	1438.8	1185.9	962.8	783.3	601.1	399.8
-2.5°	4112.5	3310.3	2655.1	2153.3	1771.6	1452.8	1197.5	975.6	794.6	612.9	411.3
-5°	4110.4	3316.0	2663.1	2164.8	1777.4	1460.4	1204.2	984.6	802.8	621.4	421.0
-7.5°	4066.9	3290.3	2652.9	2162.5	1774.3	1461.2	1206.1	990.0	807.8	626.9	428.5
-10°	3989.3	3236.9	2623.0	2142.9	1762.5	1454.8	1203.1	991.7	809.8	629.2	433.9
-12.5°	3879.8	3160.9	2574.9	2110.9	1741.6	1441.2	1194.3	987.0	808.6	628.5	437.0
-15°	3739.1	3063.2	2508.5	2066.5	1711.3	1421.0	1180.2	977.5	801.5	623.9	437.6
-17.5°	3569.1	2944.4	2423.7	2010.0	1671.6	1394.1	1160.8	964.2	792.0	615.9	436.8
-20°	3411.2	2819.4	2326.0	1941.4	1622.6	1360.6	1136.0	947.3	780.0	605.8	434.7



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CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3234.8	2689.5	2239.3	1875.6	1570.7	1320.7	1105.9	926.7	765.8	593.8	430.8
-25°	3032.9	2542.3	2140.3	1802.4	1520.2	1282.4	1075.0	902.6	749.5	580.2	425.0
-27.5°	2843.0	2390.6	2029.3	1718.0	1461.8	1238.5	1044.4	880.3	730.7	565.1	417.5
-30°	2649.4	2258.3	1923.0	1629.6	1397.4	1189.4	1010.0	856.3	709.5	551.7	408.2
-32.5°	2452.6	2114.3	1809.0	1553.0	1335.2	1136.7	972.4	830.7	687.3	538.6	400.6
-35°	2283.4	1972.6	1686.7	1470.5	1271.3	1091.7	934.9	803.4	664.4	523.7	392.2
-37.5°	2103.4	1828.7	1591.4	1388.6	1202.9	1042.6	899.0	771.4	640.9	507.0	382.1
-40°	1942.2	1694.6	1488.9	1309.5	1141.2	989.6	858.9	737.1	618.9	488.7	370.3
-42.5°	1778.1	1572.7	1388.9	1224.3	1079.3	941.0	815.4	700.6	590.4	471.7	356.9
-45°	1634.3	1447.8	1285.4	1146.9	1014.6	888.1	772.6	662.7	559.9	454.3	342.8
-47.5°	1485.7	1327.4	1188.9	1066.2	950.9	833.1	727.7	627.6	528.3	434.8	328.3
-50°	1347.1	1213.4	1098.1	988.2	880.6	781.6	682.6	591.5	499.6	409.2	312.2
-52.5°	1223.9	1112.4	1009.8	909.8	817.4	727.9	642.3	554.7	469.5	383.8	294.2
-55°	1115.0	1015.6	923.2	836.7	753.9	680.0	601.2	520.1	438.3	357.6	275.1
-57.5°	1010.7	921.2	842.7	765.7	695.2	630.9	561.0	484.3	406.7	330.0	258.0
-60°	905.8	833.7	763.9	699.3	638.3	580.0	520.6	447.4	374.0	301.7	237.4
-62.5°	805.3	744.9	691.2	634.3	578.5	527.1	478.9	409.2	340.0	273.7	214.6
-65°	706.6	660.4	617.0	563.7	515.1	472.2	432.2	369.6	304.1	243.9	190.7
-67.5°	609.0	570.9	532.1	488.9	452.8	417.8	382.3	325.7	266.2	212.5	166.7
-70°	510.4	478.2	450.5	422.9	393.0	362.1	326.8	278.6	226.5	182.8	141.7
-72.5°	413.9	394.0	377.5	358.1	332.7	303.5	270.4	231.0	190.5	152.2	116.1
-75°	318.7	314.6	309.6	297.1	272.7	245.4	218.7	188.5	153.7	120.7	94.6
-77.5°	251.0	249.3	245.9	237.1	215.9	193.6	170.3	145.0	118.6	95.9	74.3
-80°	185.9	185.7	184.1	178.7	160.5	141.6	125.5	109.2	89.8	71.3	53.7
-82.5°	122.2	124.0	124.9	123.2	110.9	98.8	87.2	75.6	60.6	46.4	35.9
-85°	69.8	71.1	71.5	70.6	63.0	55.7	50.8	45.8	37.8	30.6	24.0
-87.5°	29.0	30.6	31.9	32.7	30.3	27.9	25.4	23.0	19.0	15.3	12.1
-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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REPORT NUMBER: P627932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.7	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	2.7	2.7	2.3	1.7	1.2	0.6	0.0
75°	2.7	2.7	2.7	2.1	1.4	0.7	0.0
72.5°	2.7	2.7	2.7	2.4	1.6	0.8	0.0
70°	2.7	2.7	2.7	2.7	1.8	0.9	0.0
67.5°	2.9	2.7	2.7	2.7	2.1	1.0	0.0
65°	3.3	3.0	2.7	2.7	2.3	1.1	0.0
62.5°	3.7	3.6	2.7	2.7	2.5	1.2	0.0
60°	4.2	4.3	2.7	2.7	2.7	1.3	0.0
57.5°	7.3	5.1	3.5	2.7	2.7	1.5	0.0
55°	11.3	6.0	4.3	2.7	2.8	1.5	0.0
52.5°	15.7	7.5	5.2	2.7	2.8	1.6	0.0
50°	20.8	12.2	6.1	2.7	2.9	1.7	0.0
47.5°	27.7	17.3	7.0	2.9	2.9	1.8	0.0
45°	42.4	22.6	8.0	3.6	3.0	1.9	0.0
42.5°	57.1	28.3	9.0	4.4	3.1	2.0	0.0
40°	71.7	34.3	11.9	5.4	3.2	2.1	0.0
37.5°	86.2	40.5	16.5	6.5	3.3	2.1	0.0
35°	100.5	50.3	21.3	7.8	3.4	2.2	0.0
32.5°	115.7	61.7	26.0	9.2	3.6	2.3	0.0
30°	132.7	72.7	30.8	10.7	3.7	2.3	0.0
27.5°	149.2	83.4	36.3	12.2	3.8	2.4	0.0
25°	165.1	93.8	41.8	13.8	4.0	2.4	0.0
22.5°	180.3	103.8	47.1	15.5	4.1	2.5	0.0
20°	194.8	113.6	52.2	17.2	4.3	2.5	0.0
17.5°	208.3	122.8	57.2	18.9	4.4	2.6	0.0
15°	220.6	131.4	62.0	20.6	4.6	2.6	0.0
12.5°	231.9	139.4	66.5	22.3	4.7	2.6	0.0
10°	242.2	146.7	70.7	24.0	4.9	2.7	0.0
7.5°	251.4	153.3	74.6	25.6	5.0	2.7	0.0
5°	259.4	159.2	78.2	27.1	5.1	2.7	0.0
2.5°	266.3	164.3	81.5	28.6	5.3	2.7	0.0
0°	272.0	168.6	84.3	29.9	5.4	2.7	0.0
-2.5°	279.4	173.9	88.2	31.8	6.2	2.9	0.0
-5°	285.5	178.4	91.6	33.5	7.0	3.0	0.0
-7.5°	290.4	182.0	94.5	35.1	7.8	3.2	0.0
-10°	293.8	184.7	96.8	36.5	8.6	3.4	0.0
-12.5°	295.9	186.5	98.6	37.7	9.3	3.5	0.0
-15°	296.5	187.4	99.8	38.6	10.0	3.6	0.0
-17.5°	295.6	187.3	100.4	39.4	10.6	3.8	0.0
-20°	294.8	186.2	100.3	39.8	11.2	3.9	0.0

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CATALOG NUMBER: GFLD-SA6D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	294.9	184.2	99.4	40.1	11.7	3.9	0.0
-25°	293.6	183.5	97.9	40.1	12.1	4.0	0.0
-27.5°	290.8	182.7	95.6	39.8	12.5	4.1	0.0
-30°	286.5	180.8	92.9	39.2	12.8	4.1	0.0
-32.5°	280.8	177.7	91.7	38.4	13.0	4.1	0.0
-35°	275.3	173.4	89.8	37.3	13.1	4.1	0.0
-37.5°	269.1	168.8	87.1	35.9	13.2	4.1	0.0
-40°	261.3	164.7	83.6	34.2	13.1	4.1	0.0
-42.5°	252.1	159.5	81.1	32.6	13.0	4.0	0.0
-45°	241.3	153.2	79.5	31.4	12.8	4.0	0.0
-47.5°	229.2	146.0	77.1	29.7	12.5	3.9	0.0
-50°	218.5	137.7	73.9	29.2	12.1	3.8	0.0
-52.5°	207.0	128.4	69.9	28.8	11.7	3.6	0.0
-55°	194.2	120.9	65.0	28.0	11.1	3.5	0.0
-57.5°	180.2	112.7	59.4	26.9	10.5	3.3	0.0
-60°	165.3	103.4	53.3	25.4	9.8	3.1	0.0
-62.5°	150.8	93.0	49.6	23.6	9.2	2.9	0.0
-65°	134.9	81.6	45.4	21.5	8.6	2.7	0.0
-67.5°	117.7	71.5	40.6	19.1	7.9	2.5	0.0
-70°	99.2	62.7	35.3	16.5	7.1	2.2	0.0
-72.5°	84.3	53.2	29.6	14.6	6.3	2.0	0.0
-75°	69.2	43.1	23.5	12.7	5.5	1.7	0.0
-77.5°	53.4	32.5	19.5	10.7	4.6	1.5	0.0
-80°	36.9	24.8	15.7	8.7	3.7	1.2	0.0
-82.5°	27.2	18.8	11.9	6.6	2.8	0.9	0.0
-85°	18.2	12.6	8.0	4.4	1.9	0.6	0.0
-87.5°	9.2	6.3	4.0	2.2	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)