

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6D-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

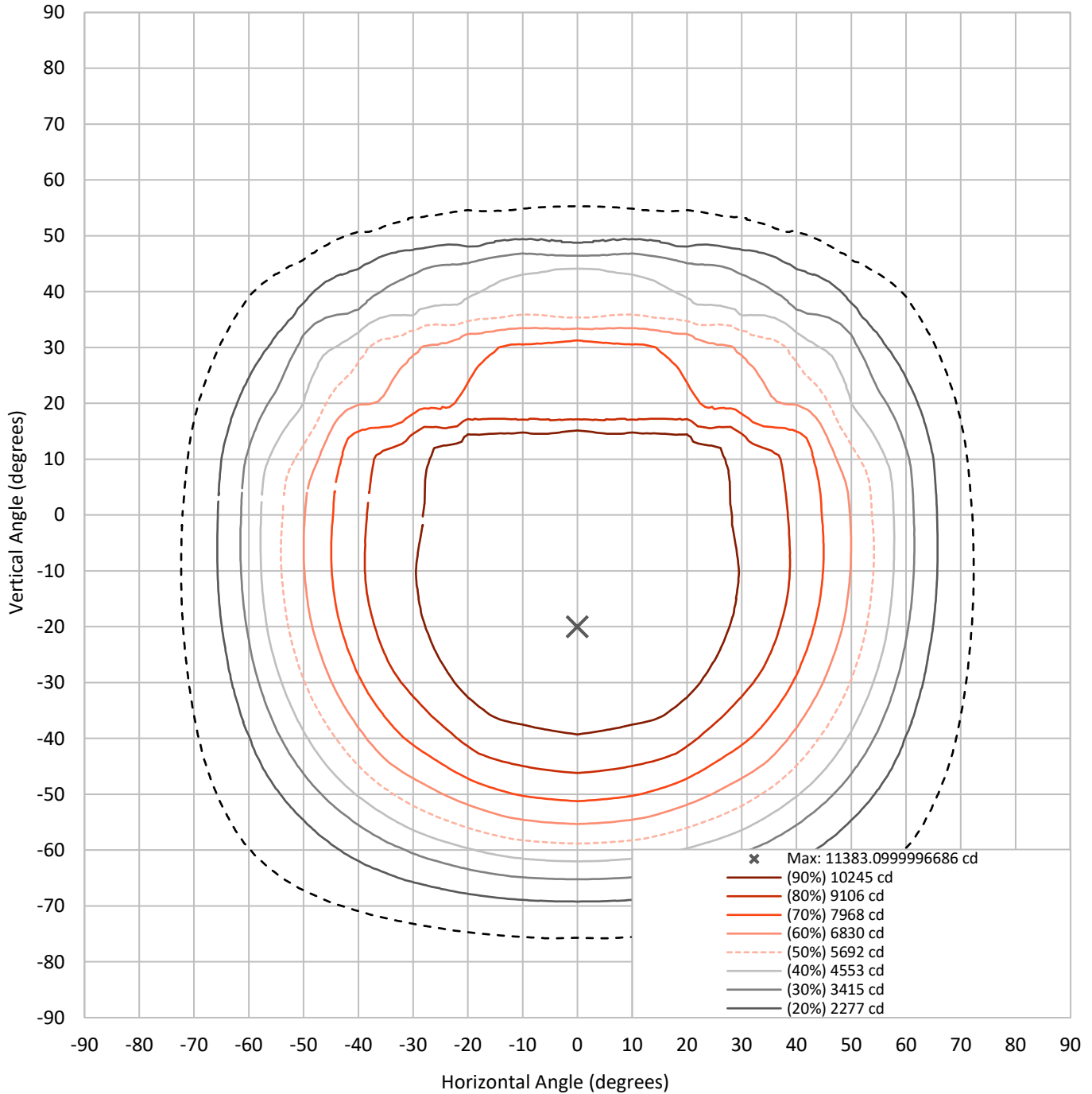
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	26691 lumens	Max Intensity:	11383.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	81.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	20865.5 lumens	Field Lumens:	26161 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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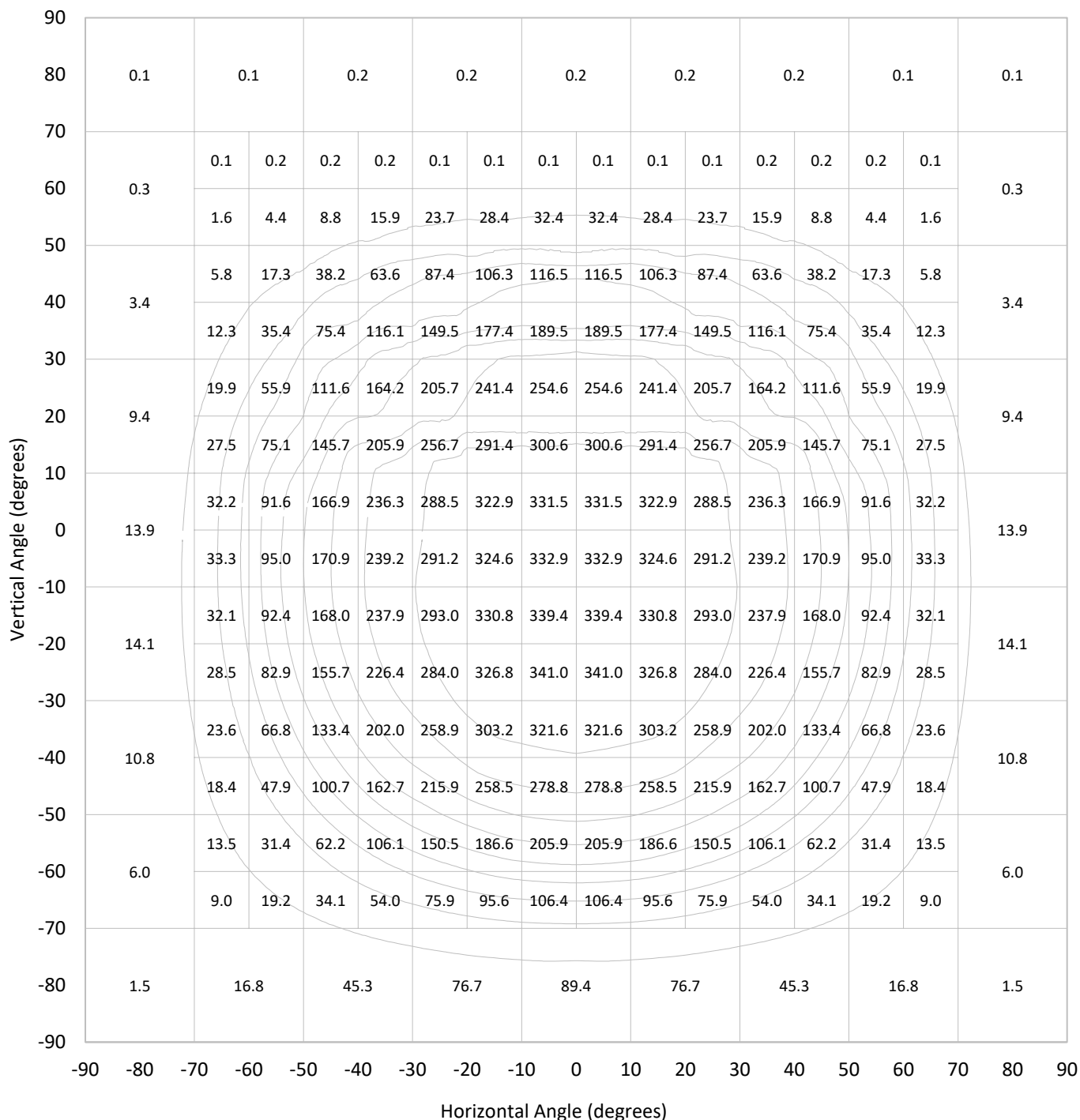
Iso-Candela Plot





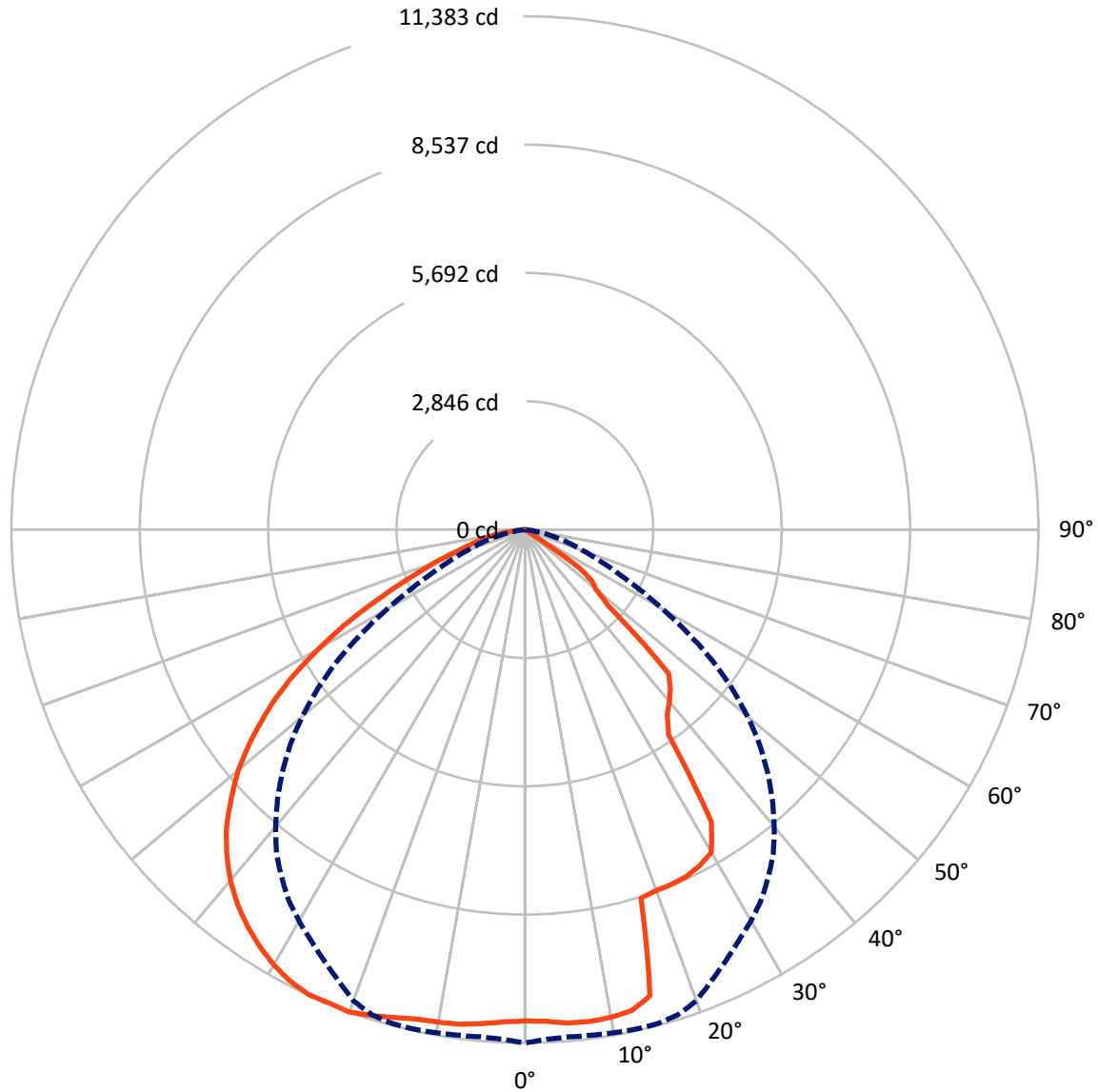
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Lumen Table



REPORT NUMBER: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

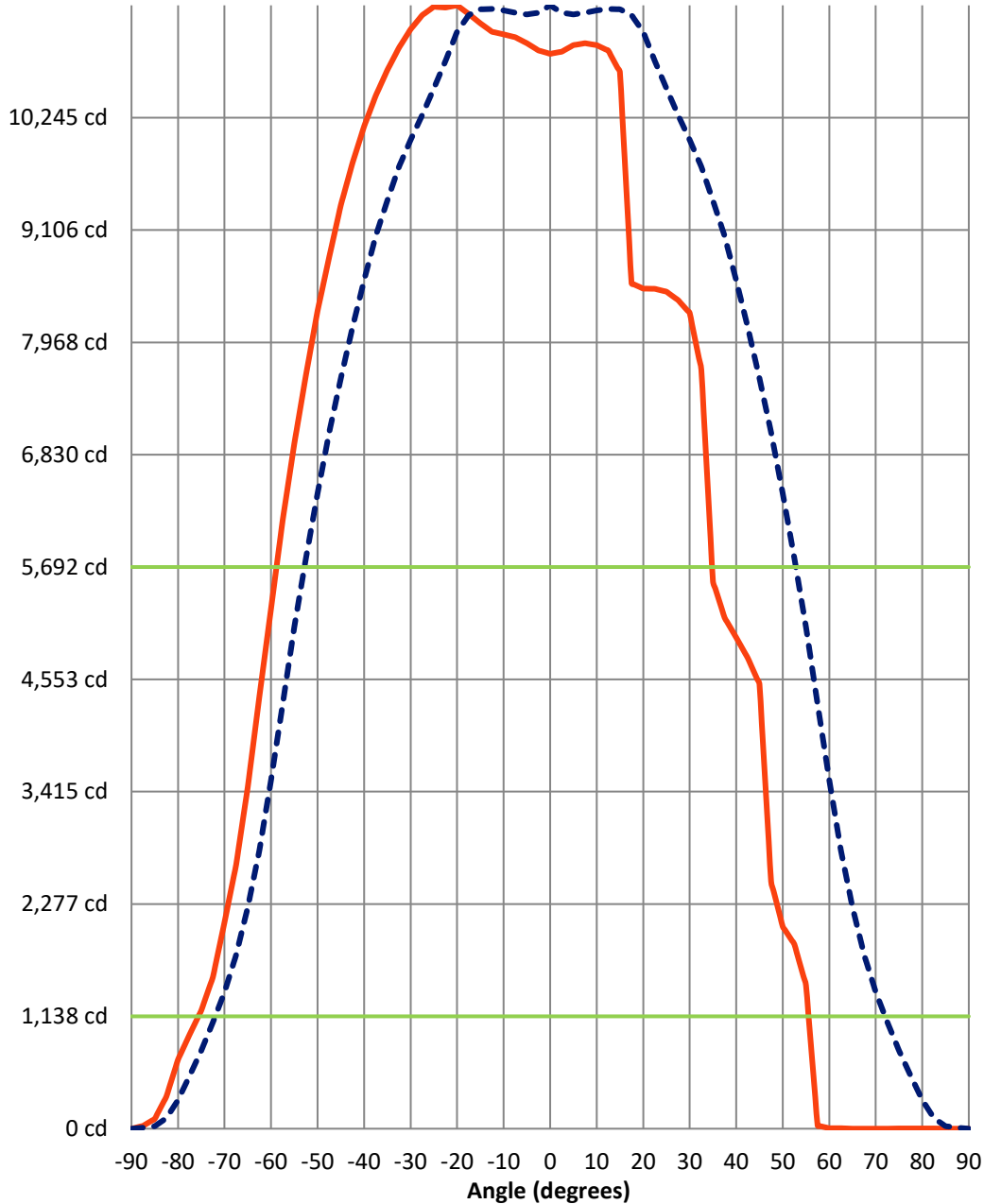


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 20865.5
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 26161
 Efficiency: 98.0%

Spill:
 Lumens: 530
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-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	0.3	0.4	0.6	0.9	1.1	1.3	1.3	1.2	1.2	1.0
85°	0.0	0.5	0.9	1.3	1.7	2.1	2.5	2.6	2.5	2.3	2.0
82.5°	0.0	0.8	1.3	1.9	2.5	3.2	3.8	3.9	3.7	3.1	2.4
80°	0.0	1.1	1.7	2.5	3.4	4.2	4.9	4.3	3.7	3.1	2.5
77.5°	0.0	1.3	2.1	3.2	4.2	4.9	4.9	4.4	3.8	3.1	2.5
75°	0.0	1.6	2.6	3.8	4.9	5.1	5.0	4.4	3.8	3.2	2.6
72.5°	0.0	1.9	3.0	4.4	5.2	5.3	5.0	4.5	3.9	3.3	2.7
70°	0.0	2.1	3.4	4.9	5.4	5.4	5.2	4.5	3.9	3.4	3.9
67.5°	0.0	2.4	3.9	5.2	5.6	5.6	5.7	4.6	4.1	5.4	5.5
65°	0.0	2.6	4.3	5.4	5.9	6.5	6.6	4.7	6.5	7.6	9.6
62.5°	0.0	2.9	4.8	5.7	6.1	8.0	7.6	6.5	9.0	13.3	21.2
60°	0.0	3.1	5.2	5.9	6.4	9.8	9.0	9.2	11.7	33.7	36.8
57.5°	0.0	3.4	5.5	6.2	8.3	11.7	16.6	13.0	33.0	57.3	66.6
55°	0.0	3.6	5.7	6.4	10.3	13.8	26.5	21.0	61.3	88.5	107.8
52.5°	0.0	3.9	6.0	6.7	12.4	17.7	38.1	53.2	92.0	138.8	156.4
50°	0.0	4.1	6.3	7.0	14.6	30.2	51.3	89.9	131.6	194.8	244.3
47.5°	0.0	4.3	6.6	7.6	17.0	43.6	69.0	128.4	189.6	256.6	334.1
45°	0.0	4.6	6.9	9.4	19.4	58.0	104.0	168.6	254.5	334.4	421.3
42.5°	0.0	4.8	7.2	11.3	21.9	73.3	139.9	219.7	320.5	410.2	521.9
40°	0.0	5.0	7.5	13.7	29.5	89.5	176.6	277.8	388.6	484.5	629.6
37.5°	0.0	5.2	7.8	16.6	42.1	106.5	214.0	336.0	460.0	573.9	742.0
35°	0.0	5.4	8.1	19.8	55.0	132.3	252.0	394.2	532.4	683.6	874.8
32.5°	0.0	5.6	8.4	23.4	68.0	162.3	293.2	452.2	605.8	794.0	1036.4
30°	0.0	5.8	8.8	27.2	81.2	192.0	340.3	510.8	679.9	904.7	1191.4
27.5°	0.0	6.0	9.1	31.3	97.4	221.4	386.5	571.7	761.2	1015.1	1339.5
25°	0.0	6.2	9.4	35.7	114.0	250.3	431.6	632.0	853.1	1135.8	1480.8
22.5°	0.0	6.3	9.7	40.2	130.6	279.8	475.3	691.4	943.0	1256.4	1623.8
20°	0.0	6.5	10.0	44.8	147.0	311.4	517.6	749.4	1030.7	1370.1	1763.3
17.5°	0.0	6.6	10.3	49.5	163.2	342.0	559.4	805.8	1115.6	1476.9	1898.5
15°	0.0	6.8	10.6	54.3	179.0	371.4	599.7	858.3	1197.1	1576.5	2028.3
12.5°	0.0	6.9	10.9	59.0	194.2	399.5	637.3	905.0	1262.1	1668.7	2151.8
10°	0.0	7.0	11.2	63.7	208.8	426.0	672.1	948.1	1310.6	1724.0	2252.5
7.5°	0.0	7.1	11.5	68.2	222.5	450.8	704.2	987.3	1351.9	1766.9	2311.2
5°	0.0	7.2	11.7	72.5	235.3	473.6	733.3	1022.7	1386.4	1801.5	2358.9
2.5°	0.0	7.2	12.0	76.5	247.1	494.3	759.4	1054.1	1414.3	1828.1	2395.4
0°	0.0	7.3	12.2	80.2	257.6	512.8	782.5	1081.4	1436.2	1847.0	2420.5
-2.5°	0.0	7.7	14.1	85.4	267.4	524.5	794.0	1097.3	1444.1	1870.8	2436.9
-5°	0.0	8.1	16.0	90.2	275.7	533.7	802.3	1109.0	1446.8	1886.3	2442.0
-7.5°	0.0	8.5	17.8	94.5	282.5	540.4	807.7	1116.3	1444.8	1892.6	2436.6
-10°	0.0	8.8	19.5	98.3	287.7	544.6	810.1	1119.1	1438.6	1888.8	2421.1
-12.5°	0.0	9.2	21.2	101.4	291.1	546.3	809.7	1117.2	1428.7	1873.6	2394.6
-15°	0.0	9.5	22.8	103.9	292.8	545.5	806.5	1110.7	1417.4	1843.9	2356.0
-17.5°	0.0	9.7	24.2	105.7	292.6	542.2	800.6	1097.3	1403.6	1806.8	2305.8
-20°	0.0	10.0	25.6	106.8	290.5	536.5	791.4	1078.1	1384.0	1762.5	2244.0

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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	10.2	26.8	107.1	286.4	528.3	778.2	1055.2	1358.5	1711.5	2170.5
-25°	0.0	10.3	27.9	106.6	280.3	515.6	761.9	1028.5	1326.9	1654.1	2085.4
-27.5°	0.0	10.4	28.8	105.3	272.1	499.8	742.5	998.2	1289.3	1598.5	2010.0
-30°	0.0	10.5	29.5	103.1	261.9	481.8	720.2	964.5	1248.1	1551.5	1929.5
-32.5°	0.0	10.6	30.1	100.1	250.0	461.6	694.8	933.2	1204.5	1497.1	1843.4
-35°	0.0	10.5	30.5	96.2	236.8	439.4	667.3	900.3	1157.3	1435.5	1752.1
-37.5°	0.0	10.5	30.7	91.4	222.2	417.0	637.8	864.0	1106.7	1366.7	1661.9
-40°	0.0	10.4	30.7	85.7	206.3	396.8	606.0	824.2	1052.9	1301.7	1572.9
-42.5°	0.0	10.2	30.5	79.5	194.2	375.1	571.9	781.1	1001.0	1233.0	1477.0
-45°	0.0	10.0	30.2	73.3	186.0	352.0	535.8	736.5	947.8	1159.8	1377.7
-47.5°	0.0	9.8	29.6	66.2	176.3	327.6	497.6	691.9	890.9	1082.9	1291.7
-50°	0.0	9.5	28.9	63.8	165.1	301.9	465.6	645.1	827.9	1012.4	1201.6
-52.5°	0.0	9.1	27.9	62.6	152.6	274.9	433.7	596.2	767.7	939.8	1109.3
-55°	0.0	8.7	26.8	60.6	138.6	254.6	400.5	546.8	707.3	865.2	1027.3
-57.5°	0.0	8.3	25.5	58.0	123.3	233.8	366.0	507.4	644.8	793.7	943.5
-60°	0.0	7.8	24.1	54.7	107.3	211.2	331.0	464.0	582.2	721.4	859.8
-62.5°	0.0	7.3	22.6	50.8	99.7	186.8	299.1	416.7	524.4	647.2	777.9
-65°	0.0	6.8	21.0	46.3	91.0	160.8	264.8	367.6	463.0	572.7	693.9
-67.5°	0.0	6.2	19.3	41.3	81.3	139.0	228.4	318.9	398.5	495.0	603.3
-70°	0.0	5.6	17.4	35.9	70.7	121.6	190.0	269.0	340.6	413.7	506.9
-72.5°	0.0	5.0	15.5	31.6	59.3	102.9	160.7	218.1	281.7	346.3	411.7
-75°	0.0	4.3	13.5	27.4	47.2	83.1	131.4	175.7	221.8	278.1	335.1
-77.5°	0.0	3.6	11.3	23.1	39.0	62.4	100.6	135.8	172.5	212.1	257.3
-80°	0.0	2.9	9.2	18.7	31.5	47.5	68.7	95.2	123.5	154.2	187.2
-82.5°	0.0	2.2	6.9	14.1	23.8	35.9	50.4	61.1	73.8	95.4	118.7
-85°	0.0	1.5	4.6	9.5	16.0	24.1	33.8	40.8	48.1	55.7	63.5
-87.5°	0.0	0.7	2.3	4.7	8.0	12.1	17.0	20.4	24.1	27.9	31.8
-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-727-U-LAM-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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.8	3.1	3.1	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	3.8	3.9	3.4	2.8	2.4	2.5	2.8	2.7	2.4	2.4	2.4
67.5°	4.7	4.1	3.5	3.3	3.3	3.7	3.6	3.0	2.4	2.4	2.5
65°	4.8	4.2	6.1	6.9	5.1	4.3	3.7	3.1	3.3	3.5	3.5
62.5°	7.3	9.1	11.6	20.6	15.4	4.5	8.0	9.5	7.0	5.8	6.2
60°	23.7	16.2	47.9	68.6	42.9	15.7	19.1	63.5	55.0	10.1	34.3
57.5°	49.9	68.5	126.1	128.4	88.8	61.3	178.3	205.9	155.8	90.9	139.1
55°	109.9	168.8	209.1	193.6	211.4	320.2	380.5	341.8	287.7	442.6	565.4
52.5°	214.6	274.8	288.4	331.2	474.1	544.7	521.9	558.2	723.9	899.0	937.0
50°	316.8	366.0	404.4	584.8	696.6	703.6	755.6	919.7	1140.7	1247.9	1222.0
47.5°	415.6	466.7	645.3	818.6	868.8	937.6	1067.4	1384.2	1618.3	1622.9	1596.4
45°	520.1	656.3	884.3	997.4	1078.9	1211.9	1525.4	1962.4	1985.1	2048.6	2439.2
42.5°	631.9	870.5	1069.4	1187.0	1318.6	1566.9	1985.3	2272.0	2370.6	2648.6	2962.6
40°	812.9	1077.3	1251.2	1401.4	1570.7	1933.0	2391.2	2659.8	2740.0	2980.6	3216.6
37.5°	996.5	1250.1	1444.9	1626.2	1860.8	2349.8	2879.9	3101.4	3142.0	3185.9	3709.1
35°	1173.4	1427.3	1660.5	1897.7	2185.3	2889.3	3352.7	3561.0	3554.5	3851.5	4399.4
32.5°	1338.8	1608.4	1883.6	2200.9	2675.6	3396.8	3860.3	3985.0	4174.2	4606.4	5354.1
30°	1503.9	1810.4	2126.4	2504.4	3105.7	3730.9	4260.0	4460.6	4784.8	5278.0	5822.3
27.5°	1674.0	2017.6	2399.7	2842.6	3445.2	4019.9	4471.8	4951.3	5266.2	5708.2	6095.4
25°	1843.4	2236.9	2669.5	3138.3	3687.9	4223.5	4691.0	5244.6	5582.8	5939.1	6300.4
22.5°	2021.0	2459.2	2947.9	3372.6	3892.5	4396.6	4953.1	5553.7	5993.3	6219.8	6462.3
20°	2206.7	2699.7	3220.9	3691.4	4094.5	4557.4	5216.2	5945.9	6513.5	6768.4	6801.7
17.5°	2389.7	2932.8	3493.2	4002.6	4437.3	4849.3	5492.5	6416.0	7121.8	7358.7	7464.1
15°	2568.2	3157.0	3764.0	4305.3	4782.5	5286.3	5973.3	6912.4	7719.2	7981.4	8147.2
12.5°	2740.5	3370.8	4030.3	4598.1	5128.1	5693.2	6409.9	7269.5	8006.0	8513.1	8817.3
10°	2904.6	3572.6	4288.9	4879.1	5469.6	6070.5	6771.1	7535.5	8135.1	8624.2	9056.0
7.5°	2987.4	3704.6	4511.0	5146.5	5802.7	6419.3	7066.9	7723.0	8228.0	8707.8	9125.3
5°	3043.7	3758.8	4580.4	5239.7	5979.6	6651.9	7280.7	7846.2	8288.7	8764.2	9172.1
2.5°	3083.9	3793.9	4627.4	5290.7	6046.1	6723.4	7342.3	7887.4	8338.8	8804.6	9222.3
0°	3108.2	3810.6	4651.4	5322.1	6087.7	6770.5	7378.1	7903.0	8372.0	8824.1	9273.7
-2.5°	3121.9	3861.6	4667.4	5402.8	6127.8	6811.1	7428.2	7940.5	8430.6	8860.8	9311.5
-5°	3120.2	3892.0	4663.2	5457.0	6147.1	6826.9	7453.2	7957.5	8462.4	8888.4	9326.9
-7.5°	3103.3	3899.0	4642.1	5474.0	6147.8	6821.6	7442.2	7965.7	8462.0	8913.6	9328.4
-10°	3073.1	3871.5	4622.7	5430.1	6124.3	6793.9	7408.6	7947.8	8442.2	8908.5	9320.3
-12.5°	3037.5	3814.6	4582.2	5366.9	6076.3	6742.2	7357.6	7902.3	8405.3	8870.3	9301.7
-15°	2984.0	3739.1	4515.6	5286.5	6003.4	6667.0	7291.4	7828.0	8348.2	8803.7	9246.5
-17.5°	2912.2	3645.4	4421.9	5191.2	5905.2	6569.0	7206.5	7729.9	8247.7	8718.3	9145.7
-20°	2821.7	3534.5	4300.2	5082.9	5780.4	6437.2	7054.8	7603.1	8117.4	8596.1	9045.3



REPORT NUMBER: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2712.2	3406.9	4153.6	4936.7	5624.8	6274.2	6884.3	7441.4	7974.4	8437.4	8916.0
-25°	2602.6	3272.0	3991.7	4734.3	5444.0	6090.6	6702.6	7245.3	7790.0	8271.6	8726.2
-27.5°	2497.6	3115.6	3803.7	4511.4	5239.1	5882.6	6489.1	7032.2	7561.1	8087.6	8525.3
-30°	2379.8	2934.6	3597.6	4273.6	4983.0	5638.2	6249.2	6812.7	7316.0	7835.9	8305.9
-32.5°	2249.7	2742.7	3379.9	4030.2	4699.1	5368.8	5974.1	6533.9	7057.4	7549.2	8042.5
-35°	2122.6	2587.7	3149.3	3768.9	4398.4	5055.4	5661.1	6215.5	6758.9	7246.0	7717.4
-37.5°	2008.2	2419.8	2904.1	3496.0	4097.5	4719.0	5335.1	5871.7	6388.8	6924.4	7384.1
-40°	1884.5	2239.5	2691.8	3215.0	3781.9	4372.8	4962.8	5518.0	6004.0	6533.3	7038.9
-42.5°	1754.9	2092.8	2482.3	2917.5	3452.6	4009.7	4579.2	5122.3	5627.1	6126.4	6627.4
-45°	1641.4	1937.4	2269.1	2666.8	3102.5	3626.5	4165.6	4707.0	5191.4	5667.3	6162.0
-47.5°	1520.8	1781.2	2088.0	2405.5	2784.3	3222.4	3729.4	4228.7	4724.5	5177.3	5615.2
-50°	1400.5	1640.6	1892.6	2178.5	2491.1	2846.2	3267.4	3731.5	4184.4	4649.3	5083.0
-52.5°	1296.9	1492.7	1720.4	1959.1	2226.6	2520.4	2857.8	3239.1	3651.0	4045.5	4478.2
-55°	1189.4	1365.9	1549.7	1759.8	1982.4	2230.4	2507.0	2827.4	3141.8	3506.6	3859.8
-57.5°	1091.3	1240.2	1396.9	1570.4	1763.8	1962.3	2204.0	2453.3	2738.5	3022.1	3301.8
-60°	998.9	1120.5	1253.5	1400.4	1555.8	1732.5	1912.9	2127.0	2356.7	2583.1	2820.4
-62.5°	905.7	1008.0	1116.4	1238.4	1373.9	1507.4	1661.5	1826.4	1995.4	2187.3	2374.5
-65°	809.9	892.6	984.5	1085.7	1193.9	1307.5	1425.9	1548.0	1691.8	1832.4	1968.4
-67.5°	708.1	778.9	853.3	932.9	1023.7	1112.9	1202.1	1305.2	1411.1	1515.1	1622.9
-70°	595.3	662.0	724.0	788.7	856.1	926.0	1002.2	1077.8	1152.5	1230.5	1317.0
-72.5°	480.6	542.0	596.6	644.3	699.7	757.8	813.4	866.5	922.8	982.0	1040.6
-75°	383.3	423.9	472.6	517.1	561.1	602.1	638.8	683.8	730.8	773.8	809.2
-77.5°	299.2	336.1	369.4	399.2	434.3	475.3	511.0	541.7	571.6	604.2	638.6
-80°	217.7	248.2	278.6	306.2	326.4	349.6	377.0	408.3	435.5	457.6	477.8
-82.5°	140.5	162.6	185.2	208.2	217.5	223.9	229.9	240.8	257.6	274.3	290.1
-85°	70.0	76.5	90.2	104.4	109.3	112.7	115.0	116.3	122.0	127.3	131.9
-87.5°	35.0	38.3	41.5	44.6	43.0	40.7	37.8	34.4	33.6	32.6	31.4
-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: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-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°	2.0	2.0	2.1	2.1	2.2	1.7	1.1	0.6	0.0	0.0	0.0
85°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	1.7	1.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	2.6	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.1	1.5
65°	3.4	3.3	3.5	3.4	3.0	2.9	3.0	2.9	2.6	2.1	1.4
62.5°	6.1	6.9	5.5	5.4	5.3	5.2	4.9	4.6	4.3	4.1	4.3
60°	38.1	22.5	13.2	15.4	13.8	9.2	11.7	13.7	13.9	12.7	11.2
57.5°	211.2	157.7	116.8	278.8	279.7	133.5	160.8	252.8	208.2	68.4	63.5
55°	587.6	702.8	925.0	878.6	892.9	1027.0	1121.4	992.8	973.3	1037.1	1198.1
52.5°	1055.7	1165.6	1240.3	1310.2	1395.3	1486.8	1581.0	1641.0	1697.0	1756.7	1792.2
50°	1348.2	1502.9	1609.2	1570.1	1790.3	1880.4	1788.9	1870.7	1970.4	1997.8	2010.6
47.5°	1990.7	2217.7	2262.7	2408.9	2540.2	2537.4	2425.9	2432.4	2729.3	2991.2	3119.9
45°	2860.9	2868.6	3011.3	3269.5	3454.1	3396.0	3551.7	3905.8	4023.7	4137.7	4231.1
42.5°	3199.9	3340.4	3568.1	3796.4	3934.0	4053.3	4168.6	4298.8	4451.8	4575.9	4675.1
40°	3528.1	3641.3	3874.6	4058.4	4172.4	4283.8	4418.1	4562.3	4702.4	4811.5	4885.9
37.5°	4033.4	4121.2	4177.9	4348.6	4564.1	4464.7	4719.6	4902.4	4986.0	5096.8	5106.7
35°	4797.8	4739.4	4663.7	5343.2	5383.9	5154.4	5392.8	5676.2	5526.9	5838.0	6005.2
32.5°	5475.4	5466.7	6059.7	6416.9	6211.4	6379.2	6928.8	6904.4	7270.8	7440.8	7392.3
30°	6113.8	6331.7	6674.6	6940.7	6976.3	7240.8	7484.9	7698.7	7919.9	8118.2	8131.8
27.5°	6438.0	6722.2	6955.0	7108.9	7280.7	7503.3	7724.8	7965.6	8153.7	8278.0	8308.4
25°	6634.0	6924.4	7100.6	7266.4	7456.0	7648.0	7896.1	8158.3	8309.4	8386.1	8410.5
22.5°	6806.8	7067.8	7257.3	7391.8	7595.8	7802.4	8033.6	8255.6	8419.8	8453.3	8465.5
20°	6973.2	7223.9	7540.5	7738.3	7728.5	7961.2	8184.1	8360.7	8497.5	8496.7	8500.0
17.5°	7454.5	7544.0	8118.4	8554.5	8338.5	8224.7	8837.5	8849.1	8885.5	8813.1	8656.3
15°	8167.1	8330.1	9035.7	9508.4	9359.6	9351.8	10236.9	10017.4	10206.3	10156.9	10369.5
12.5°	8922.0	9114.9	9642.2	10106.4	10327.7	10382.0	10677.6	10954.6	11011.5	10989.1	10947.3
10°	9436.2	9711.0	9922.8	10204.6	10427.7	10655.4	10826.6	11025.5	11090.6	11053.0	10999.7
7.5°	9503.2	9774.8	10023.5	10270.7	10483.2	10666.6	10844.3	11006.2	11072.5	11050.6	11014.1
5°	9545.8	9791.8	10032.9	10283.7	10486.9	10656.8	10833.9	10997.9	11037.1	11010.7	10975.1
2.5°	9572.0	9799.8	10032.1	10281.9	10466.4	10628.2	10807.4	10982.5	10982.2	10970.6	10949.8
0°	9584.7	9813.2	10082.9	10308.9	10515.5	10668.6	10846.0	11016.1	11004.0	10972.4	10935.9
-2.5°	9612.0	9843.5	10118.8	10306.1	10538.9	10679.2	10862.5	11009.9	11004.2	10988.7	10970.6
-5°	9636.4	9896.7	10154.2	10351.2	10584.6	10768.1	10950.3	11065.5	11071.6	11050.0	11019.6
-7.5°	9651.2	9939.8	10185.5	10383.3	10609.8	10823.0	11007.8	11128.7	11131.4	11102.6	11066.3
-10°	9646.3	9950.9	10203.8	10408.3	10640.2	10850.7	11044.0	11197.3	11192.3	11164.9	11133.9
-12.5°	9628.0	9932.4	10192.1	10397.2	10660.4	10877.2	11094.6	11247.1	11255.2	11234.6	11201.1
-15°	9588.0	9902.2	10154.8	10378.8	10636.8	10890.2	11113.6	11281.8	11311.9	11295.0	11268.5
-17.5°	9508.8	9840.4	10108.3	10349.7	10597.3	10867.3	11121.4	11305.4	11346.4	11339.7	11317.7
-20°	9404.9	9747.0	10019.0	10271.9	10541.4	10819.7	11115.3	11283.4	11342.9	11346.7	11331.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9288.1	9623.1	9911.6	10160.3	10452.5	10734.1	11001.9	11198.7	11298.7	11317.3	11318.6
-25°	9148.2	9492.3	9779.0	10043.8	10315.6	10606.5	10877.0	11096.8	11198.2	11246.6	11261.7
-27.5°	8950.4	9306.1	9588.3	9868.1	10144.6	10445.1	10729.5	10968.4	11050.8	11117.4	11144.1
-30°	8718.8	9070.5	9358.2	9613.9	9930.4	10236.7	10530.2	10738.7	10863.0	10939.2	10980.8
-32.5°	8452.4	8807.5	9109.4	9376.5	9677.2	9983.5	10259.7	10479.5	10651.0	10738.9	10783.4
-35°	8163.5	8526.0	8842.1	9123.5	9406.6	9698.6	9984.7	10214.7	10410.1	10485.5	10541.3
-37.5°	7815.1	8215.1	8539.1	8829.3	9098.3	9372.8	9670.7	9933.7	10123.4	10196.6	10255.4
-40°	7457.8	7844.4	8171.2	8480.7	8746.7	9046.4	9333.4	9609.0	9773.6	9859.0	9925.6
-42.5°	7080.6	7429.9	7740.7	8041.4	8337.5	8646.0	8932.8	9219.2	9361.6	9464.6	9546.2
-45°	6645.3	6970.2	7272.2	7553.6	7858.9	8162.2	8449.2	8702.3	8871.7	9005.8	9110.0
-47.5°	6064.8	6460.6	6763.9	7031.5	7334.1	7626.8	7904.9	8142.9	8328.7	8485.5	8606.6
-50°	5475.2	5855.1	6197.1	6497.8	6778.6	7049.2	7313.9	7546.8	7743.4	7913.3	8036.0
-52.5°	4894.7	5250.6	5590.0	5900.4	6170.3	6425.8	6667.9	6902.2	7109.5	7291.2	7409.9
-55°	4238.6	4607.3	4943.1	5232.5	5502.2	5754.7	5993.8	6216.0	6420.1	6605.1	6718.8
-57.5°	3623.2	3946.6	4259.0	4526.2	4780.8	5021.3	5248.0	5460.6	5657.1	5831.2	5940.8
-60°	3057.5	3293.3	3562.1	3808.8	4034.5	4239.2	4450.7	4649.0	4829.5	4982.5	5084.7
-62.5°	2557.5	2752.9	2947.0	3134.6	3317.6	3501.6	3678.6	3843.1	3993.9	4119.3	4208.8
-65°	2112.0	2269.0	2409.4	2542.4	2669.2	2814.2	2948.9	3075.5	3192.7	3288.8	3357.0
-67.5°	1739.0	1849.4	1946.4	2037.7	2137.7	2240.2	2336.3	2420.0	2491.6	2548.6	2593.6
-70°	1402.4	1483.6	1556.7	1629.5	1702.5	1769.1	1832.7	1894.3	1952.8	2000.5	2036.3
-72.5°	1098.3	1153.8	1203.6	1259.7	1312.2	1362.7	1406.7	1442.3	1469.8	1496.7	1520.1
-75°	837.3	879.0	935.2	982.7	1022.0	1056.6	1088.4	1116.7	1141.6	1163.7	1183.1
-77.5°	673.5	708.9	744.6	779.3	812.8	837.7	860.8	883.9	906.6	926.2	943.4
-80°	499.2	525.6	553.2	580.9	608.7	622.4	633.4	643.5	652.6	664.2	675.1
-82.5°	305.2	320.2	335.5	351.1	366.6	370.5	371.9	371.5	369.5	365.3	358.9
-85°	135.8	136.6	136.2	134.6	132.0	126.7	120.1	112.5	104.0	102.6	101.0
-87.5°	29.9	29.3	28.5	27.5	26.5	26.4	26.3	26.1	25.8	26.7	27.5
-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: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-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	0.6
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.5	2.1	2.4	2.4
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.1	2.6	2.9
62.5°	4.5	4.7	4.8	4.9	4.8	4.7	4.5	4.3	4.1	4.3	4.6
60°	8.8	5.8	4.9	4.9	4.9	5.8	8.8	11.2	12.7	13.9	13.7
57.5°	53.7	40.1	34.1	31.6	34.1	40.1	53.7	63.5	68.4	208.2	252.8
55°	1313.3	1380.2	1430.1	1453.3	1430.1	1380.2	1313.3	1198.1	1037.1	973.3	992.8
52.5°	1823.5	1852.6	1869.4	1868.8	1869.4	1852.6	1823.5	1792.2	1756.7	1697.0	1641.0
50°	2032.6	2046.7	2051.8	2048.7	2051.8	2046.7	2032.6	2010.6	1997.8	1970.4	1870.7
47.5°	3002.4	2742.5	2551.4	2505.5	2551.4	2742.5	3002.4	3119.9	2991.2	2729.3	2432.4
45°	4275.9	4374.5	4472.7	4503.2	4472.7	4374.5	4275.9	4231.1	4137.7	4023.7	3905.8
42.5°	4717.0	4749.1	4767.3	4768.1	4767.3	4749.1	4717.0	4675.1	4575.9	4451.8	4298.8
40°	4927.5	4957.8	4975.4	4977.1	4975.4	4957.8	4927.5	4885.9	4811.5	4702.4	4562.3
37.5°	5118.8	5144.6	5161.5	5178.8	5161.5	5144.6	5118.8	5106.7	5096.8	4986.0	4902.4
35°	5982.7	5787.0	5505.5	5548.2	5505.5	5787.0	5982.7	6005.2	5838.0	5526.9	5676.2
32.5°	7468.1	7550.4	7601.7	7689.2	7601.7	7550.4	7468.1	7392.3	7440.8	7270.8	6904.4
30°	8153.4	8180.6	8221.8	8265.1	8221.8	8180.6	8153.4	8131.8	8118.2	7919.9	7698.7
27.5°	8324.5	8352.6	8377.6	8396.3	8377.6	8352.6	8324.5	8308.4	8278.0	8153.7	7965.6
25°	8414.0	8431.5	8458.1	8481.4	8458.1	8431.5	8414.0	8410.5	8386.1	8309.4	8158.3
22.5°	8458.4	8460.2	8481.1	8510.6	8481.1	8460.2	8458.4	8465.5	8453.3	8419.8	8255.6
20°	8488.9	8472.4	8493.9	8513.0	8493.9	8472.4	8488.9	8500.0	8496.7	8497.5	8360.7
17.5°	8877.5	8655.8	8564.8	8566.5	8564.8	8655.8	8877.5	8656.3	8813.1	8885.5	8849.1
15°	10130.8	10214.0	10532.8	10705.0	10532.8	10214.0	10130.8	10369.5	10156.9	10206.3	10017.4
12.5°	10939.6	10910.0	10872.2	10923.8	10872.2	10910.0	10939.6	10947.3	10989.1	11011.5	10954.6
10°	10977.1	10973.7	10906.2	10979.7	10906.2	10973.7	10977.1	10999.7	11053.0	11090.6	11025.5
7.5°	10954.1	10956.2	10927.4	10999.1	10927.4	10956.2	10954.1	11014.1	11050.6	11072.5	11006.2
5°	10969.3	10919.9	10938.6	10979.7	10938.6	10919.9	10969.3	10975.1	11010.7	11037.1	10997.9
2.5°	10926.8	10921.8	10885.4	10914.0	10885.4	10921.8	10926.8	10949.8	10970.6	10982.2	10982.5
0°	10894.6	10867.9	10867.9	10892.2	10867.9	10867.9	10894.6	10935.9	10972.4	11004.0	11016.1
-2.5°	10952.1	10946.5	10942.9	10926.2	10942.9	10946.5	10952.1	10970.6	10988.7	11004.2	11009.9
-5°	10999.3	10984.9	10945.1	10999.1	10945.1	10984.9	10999.3	11019.6	11050.0	11071.6	11065.5
-7.5°	11050.1	11013.3	10975.4	11059.8	10975.4	11013.3	11050.1	11066.3	11102.6	11131.4	11128.7
-10°	11096.5	11043.2	11006.5	11089.0	11006.5	11043.2	11096.5	11133.9	11164.9	11192.3	11197.3
-12.5°	11157.9	11095.5	11071.0	11115.7	11071.0	11095.5	11157.9	11201.1	11234.6	11255.2	11247.1
-15°	11223.3	11180.2	11174.4	11200.8	11174.4	11180.2	11223.3	11268.5	11295.0	11311.9	11281.8
-17.5°	11280.8	11250.5	11265.5	11295.6	11265.5	11250.5	11280.8	11317.7	11339.7	11346.4	11305.4
-20°	11308.3	11291.3	11308.2	11383.1	11308.2	11291.3	11308.3	11331.8	11346.7	11342.9	11283.4



REPORT NUMBER: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11305.9	11307.0	11336.7	11361.2	11336.7	11307.0	11305.9	11318.6	11317.3	11298.7	11198.7
-25°	11262.8	11285.5	11319.6	11368.5	11319.6	11285.5	11262.8	11261.7	11246.6	11198.2	11096.8
-27.5°	11158.7	11196.5	11232.1	11283.4	11232.1	11196.5	11158.7	11144.1	11117.4	11050.8	10968.4
-30°	11008.3	11053.2	11085.0	11140.0	11085.0	11053.2	11008.3	10980.8	10939.2	10863.0	10738.7
-32.5°	10825.2	10876.0	10913.7	10952.9	10913.7	10876.0	10825.2	10783.4	10738.9	10651.0	10479.5
-35°	10596.4	10651.1	10691.1	10726.9	10691.1	10651.1	10596.4	10541.3	10485.5	10410.1	10214.7
-37.5°	10321.4	10380.4	10426.0	10466.9	10426.0	10380.4	10321.4	10255.4	10196.6	10123.4	9933.7
-40°	10001.1	10061.6	10110.2	10155.8	10110.2	10061.6	10001.1	9925.6	9859.0	9773.6	9609.0
-42.5°	9626.5	9687.7	9737.9	9784.0	9737.9	9687.7	9626.5	9546.2	9464.6	9361.6	9219.2
-45°	9194.0	9256.9	9310.0	9358.7	9310.0	9256.9	9194.0	9110.0	9005.8	8871.7	8702.3
-47.5°	8695.9	8763.2	8808.6	8831.4	8808.6	8763.2	8695.9	8606.6	8485.5	8328.7	8142.9
-50°	8125.0	8192.2	8246.7	8287.0	8246.7	8192.2	8125.0	8036.0	7913.3	7743.4	7546.8
-52.5°	7496.5	7560.5	7607.4	7635.7	7607.4	7560.5	7496.5	7409.9	7291.2	7109.5	6902.2
-55°	6808.3	6875.4	6919.9	6940.7	6919.9	6875.4	6808.3	6718.8	6605.1	6420.1	6216.0
-57.5°	6027.8	6091.5	6138.7	6165.4	6138.7	6091.5	6027.8	5940.8	5831.2	5657.1	5460.6
-60°	5164.3	5221.2	5257.1	5271.1	5257.1	5221.2	5164.3	5084.7	4982.5	4829.5	4649.0
-62.5°	4281.1	4335.0	4368.6	4381.7	4368.6	4335.0	4281.1	4208.8	4119.3	3993.9	3843.1
-65°	3407.9	3441.7	3460.3	3463.0	3460.3	3441.7	3407.9	3357.0	3288.8	3192.7	3075.5
-67.5°	2629.1	2654.8	2670.5	2675.7	2670.5	2654.8	2629.1	2593.6	2548.6	2491.6	2420.0
-70°	2062.9	2080.7	2090.7	2092.4	2090.7	2080.7	2062.9	2036.3	2000.5	1952.8	1894.3
-72.5°	1538.1	1550.8	1546.3	1535.9	1546.3	1550.8	1538.1	1520.1	1496.7	1469.8	1442.3
-75°	1199.9	1213.9	1208.0	1198.1	1208.0	1213.9	1199.9	1183.1	1163.7	1141.6	1116.7
-77.5°	958.5	971.2	965.0	955.1	965.0	971.2	958.5	943.4	926.2	906.6	883.9
-80°	684.5	692.0	697.3	699.9	697.3	692.0	684.5	675.1	664.2	652.6	643.5
-82.5°	350.4	340.1	333.5	325.6	333.5	340.1	350.4	358.9	365.3	369.5	371.5
-85°	99.1	96.7	98.3	99.6	98.3	96.7	99.1	101.0	102.6	104.0	112.5
-87.5°	28.3	29.1	29.2	29.2	29.2	29.1	28.3	27.5	26.7	25.8	26.1
-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: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-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°	1.1	1.7	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
67.5°	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.5	2.4	2.4	3.0
65°	3.0	2.9	3.0	3.4	3.5	3.3	3.4	3.5	3.5	3.3	3.1
62.5°	4.9	5.2	5.3	5.4	5.5	6.9	6.1	6.2	5.8	7.0	9.5
60°	11.7	9.2	13.8	15.4	13.2	22.5	38.1	34.3	10.1	55.0	63.5
57.5°	160.8	133.5	279.7	278.8	116.8	157.7	211.2	139.1	90.9	155.8	205.9
55°	1121.4	1027.0	892.9	878.6	925.0	702.8	587.6	565.4	442.6	287.7	341.8
52.5°	1581.0	1486.8	1395.3	1310.2	1240.3	1165.6	1055.7	937.0	899.0	723.9	558.2
50°	1788.9	1880.4	1790.3	1570.1	1609.2	1502.9	1348.2	1222.0	1247.9	1140.7	919.7
47.5°	2425.9	2537.4	2540.2	2408.9	2262.7	2217.7	1990.7	1596.4	1622.9	1618.3	1384.2
45°	3551.7	3396.0	3454.1	3269.5	3011.3	2868.6	2860.9	2439.2	2048.6	1985.1	1962.4
42.5°	4168.6	4053.3	3934.0	3796.4	3568.1	3340.4	3199.9	2962.6	2648.6	2370.6	2272.0
40°	4418.1	4283.8	4172.4	4058.4	3874.6	3641.3	3528.1	3216.6	2980.6	2740.0	2659.8
37.5°	4719.6	4464.7	4564.1	4348.6	4177.9	4121.2	4033.4	3709.1	3185.9	3142.0	3101.4
35°	5392.8	5154.4	5383.9	5343.2	4663.7	4739.4	4797.8	4399.4	3851.5	3554.5	3561.0
32.5°	6928.8	6379.2	6211.4	6416.9	6059.7	5466.7	5475.4	5354.1	4606.4	4174.2	3985.0
30°	7484.9	7240.8	6976.3	6940.7	6674.6	6331.7	6113.8	5822.3	5278.0	4784.8	4460.6
27.5°	7724.8	7503.3	7280.7	7108.9	6955.0	6722.2	6438.0	6095.4	5708.2	5266.2	4951.3
25°	7896.1	7648.0	7456.0	7266.4	7100.6	6924.4	6634.0	6300.4	5939.1	5582.8	5244.6
22.5°	8033.6	7802.4	7595.8	7391.8	7257.3	7067.8	6806.8	6462.3	6219.8	5993.3	5553.7
20°	8184.1	7961.2	7728.5	7738.3	7540.5	7223.9	6973.2	6801.7	6768.4	6513.5	5945.9
17.5°	8837.5	8224.7	8338.5	8554.5	8118.4	7544.0	7454.5	7464.1	7358.7	7121.8	6416.0
15°	10236.9	9351.8	9359.6	9508.4	9035.7	8330.1	8167.1	8147.2	7981.4	7719.2	6912.4
12.5°	10677.6	10382.0	10327.7	10106.4	9642.2	9114.9	8922.0	8817.3	8513.1	8006.0	7269.5
10°	10826.6	10655.4	10427.7	10204.6	9922.8	9711.0	9436.2	9056.0	8624.2	8135.1	7535.5
7.5°	10844.3	10666.6	10483.2	10270.7	10023.5	9774.8	9503.2	9125.3	8707.8	8228.0	7723.0
5°	10833.9	10656.8	10486.9	10283.7	10032.9	9791.8	9545.8	9172.1	8764.2	8288.7	7846.2
2.5°	10807.4	10628.2	10466.4	10281.9	10032.1	9799.8	9572.0	9222.3	8804.6	8338.8	7887.4
0°	10846.0	10668.6	10515.5	10308.9	10082.9	9813.2	9584.7	9273.7	8824.1	8372.0	7903.0
-2.5°	10862.5	10679.2	10538.9	10306.1	10118.8	9843.5	9612.0	9311.5	8860.8	8430.6	7940.5
-5°	10950.3	10768.1	10584.6	10351.2	10154.2	9896.7	9636.4	9326.9	8888.4	8462.4	7957.5
-7.5°	11007.8	10823.0	10609.8	10383.3	10185.5	9939.8	9651.2	9328.4	8913.6	8462.0	7965.7
-10°	11044.0	10850.7	10640.2	10408.3	10203.8	9950.9	9646.3	9320.3	8908.5	8442.2	7947.8
-12.5°	11094.6	10877.2	10660.4	10397.2	10192.1	9932.4	9628.0	9301.7	8870.3	8405.3	7902.3
-15°	11113.6	10890.2	10636.8	10378.8	10154.8	9902.2	9588.0	9246.5	8803.7	8348.2	7828.0
-17.5°	11121.4	10867.3	10597.3	10349.7	10108.3	9840.4	9508.8	9145.7	8718.3	8247.7	7729.9
-20°	11115.3	10819.7	10541.4	10271.9	10019.0	9747.0	9404.9	9045.3	8596.1	8117.4	7603.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11001.9	10734.1	10452.5	10160.3	9911.6	9623.1	9288.1	8916.0	8437.4	7974.4	7441.4
-25°	10877.0	10606.5	10315.6	10043.8	9779.0	9492.3	9148.2	8726.2	8271.6	7790.0	7245.3
-27.5°	10729.5	10445.1	10144.6	9868.1	9588.3	9306.1	8950.4	8525.3	8087.6	7561.1	7032.2
-30°	10530.2	10236.7	9930.4	9613.9	9358.2	9070.5	8718.8	8305.9	7835.9	7316.0	6812.7
-32.5°	10259.7	9983.5	9677.2	9376.5	9109.4	8807.5	8452.4	8042.5	7549.2	7057.4	6533.9
-35°	9984.7	9698.6	9406.6	9123.5	8842.1	8526.0	8163.5	7717.4	7246.0	6758.9	6215.5
-37.5°	9670.7	9372.8	9098.3	8829.3	8539.1	8215.1	7815.1	7384.1	6924.4	6388.8	5871.7
-40°	9333.4	9046.4	8746.7	8480.7	8171.2	7844.4	7457.8	7038.9	6533.3	6004.0	5518.0
-42.5°	8932.8	8646.0	8337.5	8041.4	7740.7	7429.9	7080.6	6627.4	6126.4	5627.1	5122.3
-45°	8449.2	8162.2	7858.9	7553.6	7272.2	6970.2	6645.3	6162.0	5667.3	5191.4	4707.0
-47.5°	7904.9	7626.8	7334.1	7031.5	6763.9	6460.6	6064.8	5615.2	5177.3	4724.5	4228.7
-50°	7313.9	7049.2	6778.6	6497.8	6197.1	5855.1	5475.2	5083.0	4649.3	4184.4	3731.5
-52.5°	6667.9	6425.8	6170.3	5900.4	5590.0	5250.6	4894.7	4478.2	4045.5	3651.0	3239.1
-55°	5993.8	5754.7	5502.2	5232.5	4943.1	4607.3	4238.6	3859.8	3506.6	3141.8	2827.4
-57.5°	5248.0	5021.3	4780.8	4526.2	4259.0	3946.6	3623.2	3301.8	3022.1	2738.5	2453.3
-60°	4450.7	4239.2	4034.5	3808.8	3562.1	3293.3	3057.5	2820.4	2583.1	2356.7	2127.0
-62.5°	3678.6	3501.6	3317.6	3134.6	2947.0	2752.9	2557.5	2374.5	2187.3	1995.4	1826.4
-65°	2948.9	2814.2	2669.2	2542.4	2409.4	2269.0	2112.0	1968.4	1832.4	1691.8	1548.0
-67.5°	2336.3	2240.2	2137.7	2037.7	1946.4	1849.4	1739.0	1622.9	1515.1	1411.1	1305.2
-70°	1832.7	1769.1	1702.5	1629.5	1556.7	1483.6	1402.4	1317.0	1230.5	1152.5	1077.8
-72.5°	1406.7	1362.7	1312.2	1259.7	1203.6	1153.8	1098.3	1040.6	982.0	922.8	866.5
-75°	1088.4	1056.6	1022.0	982.7	935.2	879.0	837.3	809.2	773.8	730.8	683.8
-77.5°	860.8	837.7	812.8	779.3	744.6	708.9	673.5	638.6	604.2	571.6	541.7
-80°	633.4	622.4	608.7	580.9	553.2	525.6	499.2	477.8	457.6	435.5	408.3
-82.5°	371.9	370.5	366.6	351.1	335.5	320.2	305.2	290.1	274.3	257.6	240.8
-85°	120.1	126.7	132.0	134.6	136.2	136.6	135.8	131.9	127.3	122.0	116.3
-87.5°	26.3	26.4	26.5	27.5	28.5	29.3	29.9	31.4	32.6	33.6	34.4
-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: P645573 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-LAM-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.2	1.2	1.3
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	2.3	2.5	2.6
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.1	3.7	3.9
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.3
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.8	4.4
75°	2.4	2.4	2.4	2.5	2.6	2.4	2.4	2.6	3.2	3.8	4.4
72.5°	2.4	2.4	2.4	2.7	3.1	3.1	2.8	2.7	3.3	3.9	4.5
70°	2.8	2.5	2.4	2.8	3.4	3.9	3.8	3.9	3.4	3.9	4.5
67.5°	3.6	3.7	3.3	3.3	3.5	4.1	4.7	5.5	5.4	4.1	4.6
65°	3.7	4.3	5.1	6.9	6.1	4.2	4.8	9.6	7.6	6.5	4.7
62.5°	8.0	4.5	15.4	20.6	11.6	9.1	7.3	21.2	13.3	9.0	6.5
60°	19.1	15.7	42.9	68.6	47.9	16.2	23.7	36.8	33.7	11.7	9.2
57.5°	178.3	61.3	88.8	128.4	126.1	68.5	49.9	66.6	57.3	33.0	13.0
55°	380.5	320.2	211.4	193.6	209.1	168.8	109.9	107.8	88.5	61.3	21.0
52.5°	521.9	544.7	474.1	331.2	288.4	274.8	214.6	156.4	138.8	92.0	53.2
50°	755.6	703.6	696.6	584.8	404.4	366.0	316.8	244.3	194.8	131.6	89.9
47.5°	1067.4	937.6	868.8	818.6	645.3	466.7	415.6	334.1	256.6	189.6	128.4
45°	1525.4	1211.9	1078.9	997.4	884.3	656.3	520.1	421.3	334.4	254.5	168.6
42.5°	1985.3	1566.9	1318.6	1187.0	1069.4	870.5	631.9	521.9	410.2	320.5	219.7
40°	2391.2	1933.0	1570.7	1401.4	1251.2	1077.3	812.9	629.6	484.5	388.6	277.8
37.5°	2879.9	2349.8	1860.8	1626.2	1444.9	1250.1	996.5	742.0	573.9	460.0	336.0
35°	3352.7	2889.3	2185.3	1897.7	1660.5	1427.3	1173.4	874.8	683.6	532.4	394.2
32.5°	3860.3	3396.8	2675.6	2200.9	1883.6	1608.4	1338.8	1036.4	794.0	605.8	452.2
30°	4260.0	3730.9	3105.7	2504.4	2126.4	1810.4	1503.9	1191.4	904.7	679.9	510.8
27.5°	4471.8	4019.9	3445.2	2842.6	2399.7	2017.6	1674.0	1339.5	1015.1	761.2	571.7
25°	4691.0	4223.5	3687.9	3138.3	2669.5	2236.9	1843.4	1480.8	1135.8	853.1	632.0
22.5°	4953.1	4396.6	3892.5	3372.6	2947.9	2459.2	2021.0	1623.8	1256.4	943.0	691.4
20°	5216.2	4557.4	4094.5	3691.4	3220.9	2699.7	2206.7	1763.3	1370.1	1030.7	749.4
17.5°	5492.5	4849.3	4437.3	4002.6	3493.2	2932.8	2389.7	1898.5	1476.9	1115.6	805.8
15°	5973.3	5286.3	4782.5	4305.3	3764.0	3157.0	2568.2	2028.3	1576.5	1197.1	858.3
12.5°	6409.9	5693.2	5128.1	4598.1	4030.3	3370.8	2740.5	2151.8	1668.7	1262.1	905.0
10°	6771.1	6070.5	5469.6	4879.1	4288.9	3572.6	2904.6	2252.5	1724.0	1310.6	948.1
7.5°	7066.9	6419.3	5802.7	5146.5	4511.0	3704.6	2987.4	2311.2	1766.9	1351.9	987.3
5°	7280.7	6651.9	5979.6	5239.7	4580.4	3758.8	3043.7	2358.9	1801.5	1386.4	1022.7
2.5°	7342.3	6723.4	6046.1	5290.7	4627.4	3793.9	3083.9	2395.4	1828.1	1414.3	1054.1
0°	7378.1	6770.5	6087.7	5322.1	4651.4	3810.6	3108.2	2420.5	1847.0	1436.2	1081.4
-2.5°	7428.2	6811.1	6127.8	5402.8	4667.4	3861.6	3121.9	2436.9	1870.8	1444.1	1097.3
-5°	7453.2	6826.9	6147.1	5457.0	4663.2	3892.0	3120.2	2442.0	1886.3	1446.8	1109.0
-7.5°	7442.2	6821.6	6147.8	5474.0	4642.1	3899.0	3103.3	2436.6	1892.6	1444.8	1116.3
-10°	7408.6	6793.9	6124.3	5430.1	4622.7	3871.5	3073.1	2421.1	1888.8	1438.6	1119.1
-12.5°	7357.6	6742.2	6076.3	5366.9	4582.2	3814.6	3037.5	2394.6	1873.6	1428.7	1117.2
-15°	7291.4	6667.0	6003.4	5286.5	4515.6	3739.1	2984.0	2356.0	1843.9	1417.4	1110.7
-17.5°	7206.5	6569.0	5905.2	5191.2	4421.9	3645.4	2912.2	2305.8	1806.8	1403.6	1097.3
-20°	7054.8	6437.2	5780.4	5082.9	4300.2	3534.5	2821.7	2244.0	1762.5	1384.0	1078.1

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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°	6884.3	6274.2	5624.8	4936.7	4153.6	3406.9	2712.2	2170.5	1711.5	1358.5	1055.2
-25°	6702.6	6090.6	5444.0	4734.3	3991.7	3272.0	2602.6	2085.4	1654.1	1326.9	1028.5
-27.5°	6489.1	5882.6	5239.1	4511.4	3803.7	3115.6	2497.6	2010.0	1598.5	1289.3	998.2
-30°	6249.2	5638.2	4983.0	4273.6	3597.6	2934.6	2379.8	1929.5	1551.5	1248.1	964.5
-32.5°	5974.1	5368.8	4699.1	4030.2	3379.9	2742.7	2249.7	1843.4	1497.1	1204.5	933.2
-35°	5661.1	5055.4	4398.4	3768.9	3149.3	2587.7	2122.6	1752.1	1435.5	1157.3	900.3
-37.5°	5335.1	4719.0	4097.5	3496.0	2904.1	2419.8	2008.2	1661.9	1366.7	1106.7	864.0
-40°	4962.8	4372.8	3781.9	3215.0	2691.8	2239.5	1884.5	1572.9	1301.7	1052.9	824.2
-42.5°	4579.2	4009.7	3452.6	2917.5	2482.3	2092.8	1754.9	1477.0	1233.0	1001.0	781.1
-45°	4165.6	3626.5	3102.5	2666.8	2269.1	1937.4	1641.4	1377.7	1159.8	947.8	736.5
-47.5°	3729.4	3222.4	2784.3	2405.5	2088.0	1781.2	1520.8	1291.7	1082.9	890.9	691.9
-50°	3267.4	2846.2	2491.1	2178.5	1892.6	1640.6	1400.5	1201.6	1012.4	827.9	645.1
-52.5°	2857.8	2520.4	2226.6	1959.1	1720.4	1492.7	1296.9	1109.3	939.8	767.7	596.2
-55°	2507.0	2230.4	1982.4	1759.8	1549.7	1365.9	1189.4	1027.3	865.2	707.3	546.8
-57.5°	2204.0	1962.3	1763.8	1570.4	1396.9	1240.2	1091.3	943.5	793.7	644.8	507.4
-60°	1912.9	1732.5	1555.8	1400.4	1253.5	1120.5	998.9	859.8	721.4	582.2	464.0
-62.5°	1661.5	1507.4	1373.9	1238.4	1116.4	1008.0	905.7	777.9	647.2	524.4	416.7
-65°	1425.9	1307.5	1193.9	1085.7	984.5	892.6	809.9	693.9	572.7	463.0	367.6
-67.5°	1202.1	1112.9	1023.7	932.9	853.3	778.9	708.1	603.3	495.0	398.5	318.9
-70°	1002.2	926.0	856.1	788.7	724.0	662.0	595.3	506.9	413.7	340.6	269.0
-72.5°	813.4	757.8	699.7	644.3	596.6	542.0	480.6	411.7	346.3	281.7	218.1
-75°	638.8	602.1	561.1	517.1	472.6	423.9	383.3	335.1	278.1	221.8	175.7
-77.5°	511.0	475.3	434.3	399.2	369.4	336.1	299.2	257.3	212.1	172.5	135.8
-80°	377.0	349.6	326.4	306.2	278.6	248.2	217.7	187.2	154.2	123.5	95.2
-82.5°	229.9	223.9	217.5	208.2	185.2	162.6	140.5	118.7	95.4	73.8	61.1
-85°	115.0	112.7	109.3	104.4	90.2	76.5	70.0	63.5	55.7	48.1	40.8
-87.5°	37.8	40.7	43.0	44.6	41.5	38.3	35.0	31.8	27.9	24.1	20.4
-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°	1.3	1.1	0.9	0.6	0.4	0.3	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.5	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.8	0.0
80°	4.9	4.2	3.4	2.5	1.7	1.1	0.0
77.5°	4.9	4.9	4.2	3.2	2.1	1.3	0.0
75°	5.0	5.1	4.9	3.8	2.6	1.6	0.0
72.5°	5.0	5.3	5.2	4.4	3.0	1.9	0.0
70°	5.2	5.4	5.4	4.9	3.4	2.1	0.0
67.5°	5.7	5.6	5.6	5.2	3.9	2.4	0.0
65°	6.6	6.5	5.9	5.4	4.3	2.6	0.0
62.5°	7.6	8.0	6.1	5.7	4.8	2.9	0.0
60°	9.0	9.8	6.4	5.9	5.2	3.1	0.0
57.5°	16.6	11.7	8.3	6.2	5.5	3.4	0.0
55°	26.5	13.8	10.3	6.4	5.7	3.6	0.0
52.5°	38.1	17.7	12.4	6.7	6.0	3.9	0.0
50°	51.3	30.2	14.6	7.0	6.3	4.1	0.0
47.5°	69.0	43.6	17.0	7.6	6.6	4.3	0.0
45°	104.0	58.0	19.4	9.4	6.9	4.6	0.0
42.5°	139.9	73.3	21.9	11.3	7.2	4.8	0.0
40°	176.6	89.5	29.5	13.7	7.5	5.0	0.0
37.5°	214.0	106.5	42.1	16.6	7.8	5.2	0.0
35°	252.0	132.3	55.0	19.8	8.1	5.4	0.0
32.5°	293.2	162.3	68.0	23.4	8.4	5.6	0.0
30°	340.3	192.0	81.2	27.2	8.8	5.8	0.0
27.5°	386.5	221.4	97.4	31.3	9.1	6.0	0.0
25°	431.6	250.3	114.0	35.7	9.4	6.2	0.0
22.5°	475.3	279.8	130.6	40.2	9.7	6.3	0.0
20°	517.6	311.4	147.0	44.8	10.0	6.5	0.0
17.5°	559.4	342.0	163.2	49.5	10.3	6.6	0.0
15°	599.7	371.4	179.0	54.3	10.6	6.8	0.0
12.5°	637.3	399.5	194.2	59.0	10.9	6.9	0.0
10°	672.1	426.0	208.8	63.7	11.2	7.0	0.0
7.5°	704.2	450.8	222.5	68.2	11.5	7.1	0.0
5°	733.3	473.6	235.3	72.5	11.7	7.2	0.0
2.5°	759.4	494.3	247.1	76.5	12.0	7.2	0.0
0°	782.5	512.8	257.6	80.2	12.2	7.3	0.0
-2.5°	794.0	524.5	267.4	85.4	14.1	7.7	0.0
-5°	802.3	533.7	275.7	90.2	16.0	8.1	0.0
-7.5°	807.7	540.4	282.5	94.5	17.8	8.5	0.0
-10°	810.1	544.6	287.7	98.3	19.5	8.8	0.0
-12.5°	809.7	546.3	291.1	101.4	21.2	9.2	0.0
-15°	806.5	545.5	292.8	103.9	22.8	9.5	0.0
-17.5°	800.6	542.2	292.6	105.7	24.2	9.7	0.0
-20°	791.4	536.5	290.5	106.8	25.6	10.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	778.2	528.3	286.4	107.1	26.8	10.2	0.0
-25°	761.9	515.6	280.3	106.6	27.9	10.3	0.0
-27.5°	742.5	499.8	272.1	105.3	28.8	10.4	0.0
-30°	720.2	481.8	261.9	103.1	29.5	10.5	0.0
-32.5°	694.8	461.6	250.0	100.1	30.1	10.6	0.0
-35°	667.3	439.4	236.8	96.2	30.5	10.5	0.0
-37.5°	637.8	417.0	222.2	91.4	30.7	10.5	0.0
-40°	606.0	396.8	206.3	85.7	30.7	10.4	0.0
-42.5°	571.9	375.1	194.2	79.5	30.5	10.2	0.0
-45°	535.8	352.0	186.0	73.3	30.2	10.0	0.0
-47.5°	497.6	327.6	176.3	66.2	29.6	9.8	0.0
-50°	465.6	301.9	165.1	63.8	28.9	9.5	0.0
-52.5°	433.7	274.9	152.6	62.6	27.9	9.1	0.0
-55°	400.5	254.6	138.6	60.6	26.8	8.7	0.0
-57.5°	366.0	233.8	123.3	58.0	25.5	8.3	0.0
-60°	331.0	211.2	107.3	54.7	24.1	7.8	0.0
-62.5°	299.1	186.8	99.7	50.8	22.6	7.3	0.0
-65°	264.8	160.8	91.0	46.3	21.0	6.8	0.0
-67.5°	228.4	139.0	81.3	41.3	19.3	6.2	0.0
-70°	190.0	121.6	70.7	35.9	17.4	5.6	0.0
-72.5°	160.7	102.9	59.3	31.6	15.5	5.0	0.0
-75°	131.4	83.1	47.2	27.4	13.5	4.3	0.0
-77.5°	100.6	62.4	39.0	23.1	11.3	3.6	0.0
-80°	68.7	47.5	31.5	18.7	9.2	2.9	0.0
-82.5°	50.4	35.9	23.8	14.1	6.9	2.2	0.0
-85°	33.8	24.1	16.0	9.5	4.6	1.5	0.0
-87.5°	17.0	12.1	8.0	4.7	2.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)