

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: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-730-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N71
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

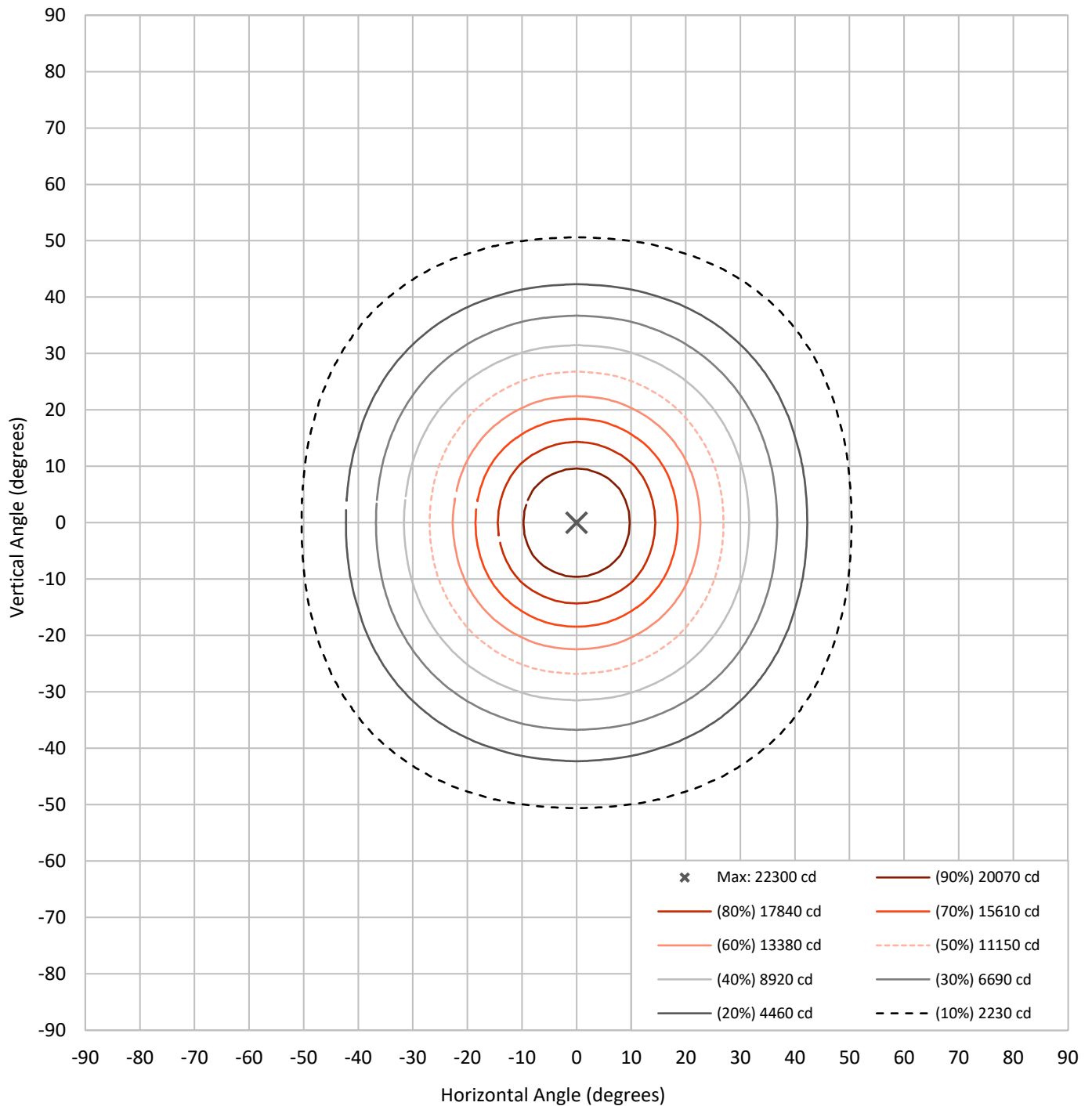
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22696.2 lumens	Max Intensity:	22300 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	10851.9 lumens	Field Lumens:	20030.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	185.2		
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





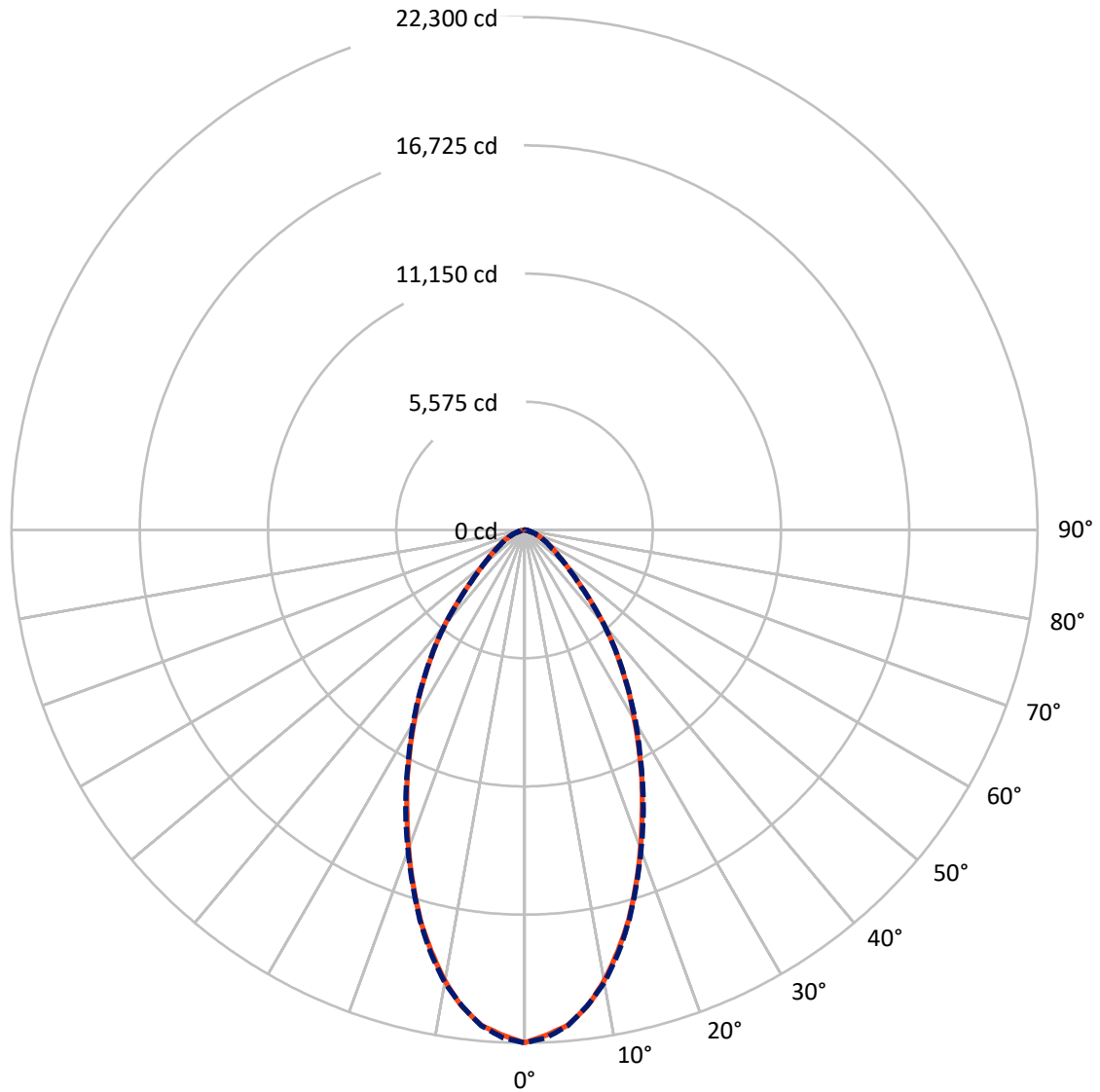
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Lumen Table

90																			
80	0.9	6.3		14.3		23.8		20.3		23.8		14.3		6.3		0.9			
70																			
60	2.9	3.4	6.5	10.4	15.1	19.6	23.1	24.7	24.7	23.1	19.6	15.1	10.4	6.5	3.4	2.9			
50		4.9	9.8	17.0	26.1	35.9	44.8	50.0	50.0	44.8	35.9	26.1	17.0	9.8	4.9				
40	4.3	6.3	13.6	25.4	42.9	65.9	90.8	107.5	107.5	90.8	65.9	42.9	25.4	13.6	6.3	4.3			
30		7.6	17.8	37.0	71.9	127.7	185.6	220.1	220.1	185.6	127.7	71.9	37.0	17.8	7.6				
20	5.1	8.9	22.2	51.7	116.3	209.0	299.1	357.5	357.5	299.1	209.0	116.3	51.7	22.2	8.9	5.1			
10		9.9	26.0	67.1	158.7	282.3	416.7	512.7	512.7	416.7	282.3	158.7	67.1	26.0	9.9				
0	5.4	10.4	28.2	77.0	182.7	328.2	499.4	628.0	628.0	499.4	328.2	182.7	77.0	28.2	10.4	5.4			
-10		10.4	28.2	77.0	182.7	328.2	499.4	628.0	628.0	499.4	328.2	182.7	77.0	28.2	10.4				
-20	5.1	9.9	26.0	67.1	158.7	282.3	416.7	512.7	512.7	416.7	282.3	158.7	67.1	26.0	9.9	5.1			
-30		8.9	22.2	51.7	116.3	209.0	299.1	357.5	357.5	299.1	209.0	116.3	51.7	22.2	8.9				
-40	4.3	7.6	17.8	37.0	71.9	127.7	185.6	220.1	220.1	185.6	127.7	71.9	37.0	17.8	7.6	4.3			
-50		6.3	13.6	25.4	42.9	65.9	90.8	107.5	107.5	90.8	65.9	42.9	25.4	13.6	6.3				
-60	2.9	4.9	9.8	17.0	26.1	35.9	44.8	50.0	50.0	44.8	35.9	26.1	17.0	9.8	4.9	2.9			
-70		3.4	6.5	10.4	15.1	19.6	23.1	24.7	24.7	23.1	19.6	15.1	10.4	6.5	3.4				
-80																			
-90	0.9	6.3		14.3		23.8		20.3		23.8		14.3		6.3		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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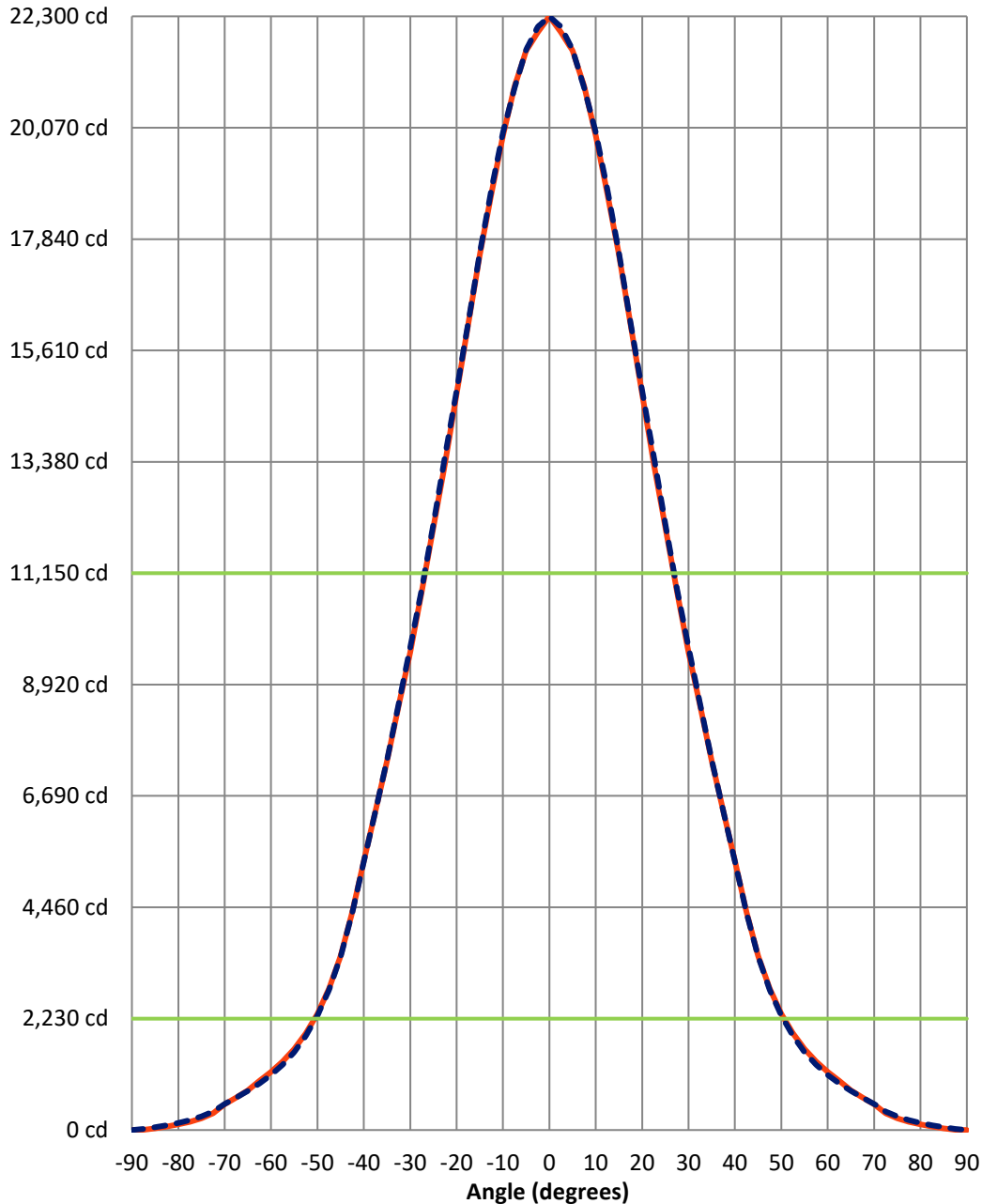
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 10851.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 20030.2
 Efficiency: 88.3%

Spill:
 Lumens: 2666
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.6	4.3	6.2	8.3	10.6	11.7	12.7	13.4	14.0
85°	0.0	2.3	5.2	8.5	12.3	16.5	21.2	23.5	25.4	26.9	28.0
82.5°	0.0	3.4	7.8	12.7	18.4	24.7	31.6	35.2	38.8	45.0	50.4
80°	0.0	4.5	10.3	16.9	24.4	32.8	43.0	53.4	62.5	70.6	77.7
77.5°	0.0	5.6	12.8	21.0	30.3	42.6	61.3	74.9	86.1	96.2	106.2
75°	0.0	6.7	15.3	25.1	36.7	55.7	79.2	96.2	109.7	123.4	138.1
72.5°	0.0	7.8	17.7	29.1	45.5	68.4	96.5	117.2	133.4	150.9	169.5
70°	0.0	8.8	20.1	33.2	54.0	80.6	112.9	137.0	156.7	177.9	202.8
67.5°	0.0	9.8	22.4	38.4	62.1	92.3	127.1	156.3	179.5	205.9	235.8
65°	0.0	10.8	24.6	43.3	69.8	103.0	140.6	175.3	202.1	232.8	266.9
62.5°	0.0	11.8	26.8	48.0	77.0	112.7	153.4	193.2	223.8	258.6	295.9
60°	0.0	12.7	28.8	52.4	83.8	121.9	165.3	210.3	244.4	283.6	324.0
57.5°	0.0	13.6	31.3	56.5	90.1	130.5	176.1	225.6	265.3	307.8	350.0
55°	0.0	14.5	33.8	60.4	96.0	138.4	186.1	237.9	285.7	330.9	374.7
52.5°	0.0	15.3	36.1	63.8	101.4	145.6	195.2	251.2	305.3	352.9	399.0
50°	0.0	16.1	38.3	67.0	106.3	152.2	203.5	263.7	324.2	374.4	425.6
47.5°	0.0	16.9	40.4	69.9	110.7	158.2	211.2	275.1	342.8	395.4	451.7
45°	0.0	17.6	42.4	72.7	114.5	163.5	219.9	285.3	356.2	418.0	476.9
42.5°	0.0	18.2	44.3	75.2	117.8	168.1	227.6	295.3	368.5	439.8	503.1
40°	0.0	18.8	46.1	78.0	120.8	172.0	234.4	305.1	380.6	460.1	528.3
37.5°	0.0	19.4	47.7	80.8	123.5	175.2	240.2	313.9	393.9	476.1	552.3
35°	0.0	19.9	49.3	83.4	125.7	178.8	245.0	321.7	406.6	493.7	576.8
32.5°	0.0	20.4	50.7	85.7	127.4	182.2	249.4	328.6	418.8	511.6	601.9
30°	0.0	20.8	51.9	87.8	128.5	184.8	254.3	335.3	430.2	529.6	625.6
27.5°	0.0	21.2	53.1	89.7	131.3	186.7	258.3	343.6	442.1	547.7	647.7
25°	0.0	21.5	54.1	91.4	133.9	187.8	261.4	351.0	455.5	565.5	668.4
22.5°	0.0	21.8	55.0	92.8	136.2	189.3	263.6	357.5	468.3	581.7	691.1
20°	0.0	22.0	55.7	93.9	138.2	192.7	264.9	363.1	480.2	596.4	711.3
17.5°	0.0	22.2	56.3	94.8	139.9	195.5	267.9	367.5	491.3	609.3	729.1
15°	0.0	22.3	56.8	95.5	141.2	197.7	271.4	371.8	501.2	620.5	744.4
12.5°	0.0	22.4	57.1	95.9	142.2	199.4	274.0	375.6	509.7	629.7	757.1
10°	0.0	22.4	57.3	96.1	142.8	200.4	275.6	377.7	516.2	637.5	767.4
7.5°	0.0	22.4	57.3	96.1	143.1	200.8	276.3	378.1	520.8	643.5	775.5
5°	0.0	22.4	57.3	95.8	143.0	200.6	276.0	377.0	523.3	647.5	780.8
2.5°	0.0	22.2	57.0	95.3	142.6	199.9	274.8	374.4	523.7	649.5	783.4
0°	0.0	22.1	56.7	94.6	141.8	198.6	272.7	370.4	521.7	649.3	783.3
-2.5°	0.0	22.2	57.0	95.3	142.6	199.9	274.8	374.4	523.7	649.5	783.4
-5°	0.0	22.4	57.3	95.8	143.0	200.6	276.0	377.0	523.3	647.5	780.8
-7.5°	0.0	22.4	57.3	96.1	143.1	200.8	276.3	378.1	520.8	643.5	775.5
-10°	0.0	22.4	57.3	96.1	142.8	200.4	275.6	377.7	516.2	637.5	767.4
-12.5°	0.0	22.4	57.1	95.9	142.2	199.4	274.0	375.6	509.7	629.7	757.1
-15°	0.0	22.3	56.8	95.5	141.2	197.7	271.4	371.8	501.2	620.5	744.4
-17.5°	0.0	22.2	56.3	94.8	139.9	195.5	267.9	367.5	491.3	609.3	729.1
-20°	0.0	22.0	55.7	93.9	138.2	192.7	264.9	363.1	480.2	596.4	711.3

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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	21.8	55.0	92.8	136.2	189.3	263.6	357.5	468.3	581.7	691.1
-25°	0.0	21.5	54.1	91.4	133.9	187.8	261.4	351.0	455.5	565.5	668.4
-27.5°	0.0	21.2	53.1	89.7	131.3	186.7	258.3	343.6	442.1	547.7	647.7
-30°	0.0	20.8	51.9	87.8	128.5	184.8	254.3	335.3	430.2	529.6	625.6
-32.5°	0.0	20.4	50.7	85.7	127.4	182.2	249.4	328.6	418.8	511.6	601.9
-35°	0.0	19.9	49.3	83.4	125.7	178.8	245.0	321.7	406.6	493.7	576.8
-37.5°	0.0	19.4	47.7	80.8	123.5	175.2	240.2	313.9	393.9	476.1	552.3
-40°	0.0	18.8	46.1	78.0	120.8	172.0	234.4	305.1	380.6	460.1	528.3
-42.5°	0.0	18.2	44.3	75.2	117.8	168.1	227.6	295.3	368.5	439.8	503.1
-45°	0.0	17.6	42.4	72.7	114.5	163.5	219.9	285.3	356.2	418.0	476.9
-47.5°	0.0	16.9	40.4	69.9	110.7	158.2	211.2	275.1	342.8	395.4	451.7
-50°	0.0	16.1	38.3	67.0	106.3	152.2	203.5	263.7	324.2	374.4	425.6
-52.5°	0.0	15.3	36.1	63.8	101.4	145.6	195.2	251.2	305.3	352.9	399.0
-55°	0.0	14.5	33.8	60.4	96.0	138.4	186.1	237.9	285.7	330.9	374.7
-57.5°	0.0	13.6	31.3	56.5	90.1	130.5	176.1	225.6	265.3	307.8	350.0
-60°	0.0	12.7	28.8	52.4	83.8	121.9	165.3	210.3	244.4	283.6	324.0
-62.5°	0.0	11.8	26.8	48.0	77.0	112.7	153.4	193.2	223.8	258.6	295.9
-65°	0.0	10.8	24.6	43.3	69.8	103.0	140.6	175.3	202.1	232.8	266.9
-67.5°	0.0	9.8	22.4	38.4	62.1	92.3	127.1	156.3	179.5	205.9	235.8
-70°	0.0	8.8	20.1	33.2	54.0	80.6	112.9	137.0	156.7	177.9	202.8
-72.5°	0.0	7.8	17.7	29.1	45.5	68.4	96.5	117.2	133.4	150.9	169.5
-75°	0.0	6.7	15.3	25.1	36.7	55.7	79.2	96.2	109.7	123.4	138.1
-77.5°	0.0	5.6	12.8	21.0	30.3	42.6	61.3	74.9	86.1	96.2	106.2
-80°	0.0	4.5	10.3	16.9	24.4	32.8	43.0	53.4	62.5	70.6	77.7
-82.5°	0.0	3.4	7.8	12.7	18.4	24.7	31.6	35.2	38.8	45.0	50.4
-85°	0.0	2.3	5.2	8.5	12.3	16.5	21.2	23.5	25.4	26.9	28.0
-87.5°	0.0	1.1	2.6	4.3	6.2	8.3	10.6	11.7	12.7	13.4	14.0
-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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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°	14.2	14.2	14.0	13.5	12.9	12.2	11.2	10.1	10.5	10.9	11.3
85°	28.4	28.4	30.7	32.9	33.9	34.1	33.4	32.0	36.1	40.9	45.9
82.5°	55.5	60.3	64.8	69.1	69.6	68.4	66.3	63.8	72.3	82.5	93.2
80°	85.0	92.1	100.3	108.0	109.8	109.0	106.6	102.7	113.8	129.6	146.5
77.5°	118.0	129.3	139.8	149.5	152.3	151.8	150.1	147.0	161.1	182.9	205.5
75°	152.8	166.4	180.0	191.9	197.0	197.4	196.8	200.1	218.7	244.2	266.7
72.5°	189.0	206.4	221.7	234.8	243.0	249.2	257.4	267.6	286.4	311.4	333.4
70°	227.4	246.7	262.8	277.3	289.8	303.4	320.9	338.1	357.9	382.9	405.9
67.5°	265.2	284.8	302.9	320.8	343.6	365.4	387.1	409.7	434.7	460.9	484.1
65°	300.3	322.4	344.5	370.5	400.1	424.8	451.6	481.0	513.7	543.2	570.1
62.5°	333.9	358.9	386.3	417.6	449.7	480.7	516.6	554.3	592.5	629.6	666.3
60°	362.4	393.4	426.7	462.1	499.1	541.2	583.3	628.2	673.9	718.5	763.9
57.5°	389.7	428.1	466.4	507.6	553.7	601.9	652.4	703.1	757.7	811.6	863.2
55°	418.1	463.3	506.9	555.7	608.6	665.1	722.2	783.6	843.9	911.8	974.5
52.5°	448.4	497.6	548.8	604.7	666.4	730.2	797.2	867.5	942.6	1018.1	1094.7
50°	477.9	533.4	590.4	657.2	726.3	799.2	876.5	958.5	1045.9	1133.3	1226.0
47.5°	508.8	568.0	637.7	710.2	789.3	872.3	959.9	1057.3	1154.5	1264.6	1370.9
45°	539.3	607.3	683.0	767.2	854.1	947.6	1051.7	1158.7	1282.7	1407.1	1546.8
42.5°	568.5	647.0	732.4	822.4	921.3	1028.7	1143.9	1278.6	1418.4	1572.3	1736.2
40°	602.2	685.0	781.1	881.8	988.9	1111.7	1250.3	1399.8	1570.3	1752.6	1938.9
37.5°	634.8	727.8	829.1	938.4	1062.7	1201.0	1354.1	1537.3	1734.0	1941.3	2194.7
35°	665.4	768.5	878.7	998.3	1133.0	1293.2	1476.3	1678.8	1905.5	2172.8	2468.5
32.5°	697.9	807.1	925.4	1059.6	1212.1	1387.1	1595.1	1833.4	2101.7	2406.1	2776.1
30°	730.6	846.8	971.8	1117.1	1286.6	1489.2	1725.5	1988.9	2297.5	2679.3	3113.7
27.5°	760.8	883.9	1020.8	1177.9	1359.2	1583.3	1850.8	2159.6	2523.1	2954.7	3462.0
25°	788.6	917.6	1065.9	1235.8	1439.1	1685.0	1975.0	2316.9	2748.9	3263.5	3887.6
22.5°	815.1	948.4	1106.6	1287.9	1511.1	1783.4	2109.8	2501.0	2978.6	3556.1	4304.6
20°	840.0	981.7	1147.0	1337.8	1575.5	1872.2	2233.7	2672.9	3216.4	3900.0	4713.4
17.5°	861.8	1011.0	1185.3	1391.7	1647.3	1962.5	2350.6	2824.6	3428.1	4207.2	5090.7
15°	880.6	1036.3	1218.4	1438.4	1711.9	2052.2	2473.2	2991.0	3648.9	4486.5	5422.0
12.5°	896.2	1057.5	1246.2	1477.7	1766.2	2128.1	2578.0	3139.3	3863.9	4749.6	5712.8
10°	908.7	1074.5	1268.6	1509.4	1810.0	2189.7	2664.3	3260.7	4042.8	4975.1	5958.8
7.5°	919.1	1087.8	1285.8	1533.4	1843.1	2236.7	2731.5	3354.3	4182.7	5153.7	6147.6
5°	926.5	1097.3	1298.8	1550.2	1867.4	2269.6	2778.5	3419.7	4282.1	5283.0	6276.7
2.5°	930.6	1102.5	1306.3	1559.2	1882.4	2288.1	2803.2	3460.8	4336.8	5356.9	6354.7
0°	931.5	1103.3	1308.1	1560.3	1886.6	2291.6	2807.0	3473.7	4348.4	5376.0	6383.1
-2.5°	930.6	1102.5	1306.3	1559.2	1882.4	2288.1	2803.2	3460.8	4336.8	5356.9	6354.7
-5°	926.5	1097.3	1298.8	1550.2	1867.4	2269.6	2778.5	3419.7	4282.1	5283.0	6276.7
-7.5°	919.1	1087.8	1285.8	1533.4	1843.1	2236.7	2731.5	3354.3	4182.7	5153.7	6147.6
-10°	908.7	1074.5	1268.6	1509.4	1810.0	2189.7	2664.3	3260.7	4042.8	4975.1	5958.8
-12.5°	896.2	1057.5	1246.2	1477.7	1766.2	2128.1	2578.0	3139.3	3863.9	4749.6	5712.8
-15°	880.6	1036.3	1218.4	1438.4	1711.9	2052.2	2473.2	2991.0	3648.9	4486.5	5422.0
-17.5°	861.8	1011.0	1185.3	1391.7	1647.3	1962.5	2350.6	2824.6	3428.1	4207.2	5090.7
-20°	840.0	981.7	1147.0	1337.8	1575.5	1872.2	2233.7	2672.9	3216.4	3900.0	4713.4



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	815.1	948.4	1106.6	1287.9	1511.1	1783.4	2109.8	2501.0	2978.6	3556.1	4304.6
-25°	788.6	917.6	1065.9	1235.8	1439.1	1685.0	1975.0	2316.9	2748.9	3263.5	3887.6
-27.5°	760.8	883.9	1020.8	1177.9	1359.2	1583.3	1850.8	2159.6	2523.1	2954.7	3462.0
-30°	730.6	846.8	971.8	1117.1	1286.6	1489.2	1725.5	1988.9	2297.5	2679.3	3113.7
-32.5°	697.9	807.1	925.4	1059.6	1212.1	1387.1	1595.1	1833.4	2101.7	2406.1	2776.1
-35°	665.4	768.5	878.7	998.3	1133.0	1293.2	1476.3	1678.8	1905.5	2172.8	2468.5
-37.5°	634.8	727.8	829.1	938.4	1062.7	1201.0	1354.1	1537.3	1734.0	1941.3	2194.7
-40°	602.2	685.0	781.1	881.8	988.9	1111.7	1250.3	1399.8	1570.3	1752.6	1938.9
-42.5°	568.5	647.0	732.4	822.4	921.3	1028.7	1143.9	1278.6	1418.4	1572.3	1736.2
-45°	539.3	607.3	683.0	767.2	854.1	947.6	1051.7	1158.7	1282.7	1407.1	1546.8
-47.5°	508.8	568.0	637.7	710.2	789.3	872.3	959.9	1057.3	1154.5	1264.6	1370.9
-50°	477.9	533.4	590.4	657.2	726.3	799.2	876.5	958.5	1045.9	1133.3	1226.0
-52.5°	448.4	497.6	548.8	604.7	666.4	730.2	797.2	867.5	942.6	1018.1	1094.7
-55°	418.1	463.3	506.9	555.7	608.6	665.1	722.2	783.6	843.9	911.8	974.5
-57.5°	389.7	428.1	466.4	507.6	553.7	601.9	652.4	703.1	757.7	811.6	863.2
-60°	362.4	393.4	426.7	462.1	499.1	541.2	583.3	628.2	673.9	718.5	763.9
-62.5°	333.9	358.9	386.3	417.6	449.7	480.7	516.6	554.3	592.5	629.6	666.3
-65°	300.3	322.4	344.5	370.5	400.1	424.8	451.6	481.0	513.7	543.2	570.1
-67.5°	265.2	284.8	302.9	320.8	343.6	365.4	387.1	409.7	434.7	460.9	484.1
-70°	227.4	246.7	262.8	277.3	289.8	303.4	320.9	338.1	357.9	382.9	405.9
-72.5°	189.0	206.4	221.7	234.8	243.0	249.2	257.4	267.6	286.4	311.4	333.4
-75°	152.8	166.4	180.0	191.9	197.0	197.4	196.8	200.1	218.7	244.2	266.7
-77.5°	118.0	129.3	139.8	149.5	152.3	151.8	150.1	147.0	161.1	182.9	205.5
-80°	85.0	92.1	100.3	108.0	109.8	109.0	106.6	102.7	113.8	129.6	146.5
-82.5°	55.5	60.3	64.8	69.1	69.6	68.4	66.3	63.8	72.3	82.5	93.2
-85°	28.4	28.4	30.7	32.9	33.9	34.1	33.4	32.0	36.1	40.9	45.9
-87.5°	14.2	14.2	14.0	13.5	12.9	12.2	11.2	10.1	10.5	10.9	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-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°	11.6	11.3	10.9	10.5	10.0	9.8	9.6	9.4	9.2	8.5	7.8
85°	51.3	52.4	53.0	53.3	53.3	55.0	56.6	58.1	59.3	53.8	47.7
82.5°	104.2	109.1	113.4	117.7	121.9	124.8	127.0	128.6	129.6	117.3	103.5
80°	164.1	174.3	182.8	191.0	198.8	200.7	200.7	199.6	197.5	180.7	161.6
77.5°	228.2	241.6	252.3	262.9	273.3	277.2	279.0	280.4	281.4	260.6	235.0
75°	286.3	302.3	317.3	331.2	344.0	350.8	354.8	358.0	360.6	339.7	312.2
72.5°	352.6	369.6	385.8	401.2	414.7	423.7	429.6	434.4	438.2	426.3	409.1
70°	425.6	443.1	460.2	476.2	491.5	503.6	513.1	521.3	528.1	529.4	528.8
67.5°	506.5	527.2	547.5	565.0	583.2	600.3	615.3	627.8	637.8	644.3	648.0
65°	597.3	628.5	656.3	679.8	699.5	722.3	742.4	757.7	768.5	776.8	783.8
62.5°	704.4	742.3	774.0	805.4	837.7	869.1	888.8	908.5	927.8	946.0	961.6
60°	807.5	849.0	891.9	932.0	969.1	1003.2	1038.5	1069.7	1097.1	1120.0	1137.1
57.5°	917.3	967.8	1016.6	1067.5	1115.4	1160.0	1203.6	1243.8	1278.6	1307.9	1331.8
55°	1036.5	1098.2	1156.3	1220.9	1283.5	1340.5	1393.0	1446.9	1495.5	1538.2	1572.1
52.5°	1165.0	1245.3	1322.2	1398.0	1479.1	1552.3	1617.9	1692.5	1758.7	1813.5	1856.1
50°	1318.5	1412.8	1514.3	1608.3	1710.6	1811.3	1904.2	1994.2	2082.2	2158.4	2219.9
47.5°	1493.2	1609.2	1735.0	1859.6	1986.6	2124.4	2247.3	2361.5	2484.5	2591.4	2677.1
45°	1687.4	1835.4	1987.3	2162.4	2323.7	2500.7	2664.4	2811.5	2986.0	3139.7	3263.5
42.5°	1902.9	2100.0	2299.8	2520.3	2734.3	2959.0	3197.6	3409.3	3640.7	3861.4	4039.7
40°	2170.0	2405.6	2673.2	2940.1	3247.2	3535.7	3883.4	4199.3	4486.2	4749.3	4964.9
37.5°	2466.8	2770.0	3106.2	3453.8	3874.1	4286.1	4693.0	5077.2	5416.3	5704.3	5945.9
35°	2803.7	3189.0	3596.2	4103.8	4596.2	5089.5	5549.1	5969.0	6337.9	6662.8	6939.1
32.5°	3191.2	3653.7	4223.7	4793.9	5355.6	5898.8	6403.4	6861.4	7265.9	7630.7	7948.4
30°	3598.6	4229.7	4869.4	5495.0	6108.5	6703.5	7257.3	7761.7	8218.8	8624.9	8991.0
27.5°	4116.4	4815.7	5513.3	6187.7	6862.6	7513.7	8114.0	8674.3	9198.8	9657.8	10076.3
25°	4617.2	5389.8	6131.4	6866.6	7601.2	8300.4	8971.5	9604.4	10205.2	10732.0	11199.1
22.5°	5117.9	5926.6	6719.0	7509.6	8298.8	9078.2	9831.7	10556.8	11228.7	11828.6	12354.4
20°	5581.6	6427.0	7274.5	8126.7	8982.1	9835.3	10681.6	11497.7	12246.1	12938.7	13547.3
17.5°	5997.4	6896.5	7794.9	8706.6	9633.8	10560.1	11500.3	12415.1	13270.8	14058.8	14764.8
15°	6365.6	7303.8	8268.7	9252.4	10248.1	11254.1	12280.0	13303.5	14266.7	15161.7	15949.9
12.5°	6687.5	7662.9	8674.2	9719.4	10800.1	11896.1	13015.6	14137.6	15203.9	16237.2	17088.3
10°	6953.2	7968.3	9025.4	10123.6	11263.3	12442.8	13643.9	14851.6	16026.5	17122.6	18095.8
7.5°	7158.3	8211.5	9300.7	10443.0	11638.7	12882.5	14154.8	15436.5	16690.2	17871.3	18948.2
5°	7303.1	8388.5	9491.4	10679.6	11916.9	13205.7	14528.2	15863.8	17174.4	18416.2	19532.3
2.5°	7387.1	8494.7	9602.4	10823.3	12082.3	13401.3	14759.7	16117.2	17462.4	18750.4	19897.3
0°	7409.2	8526.6	9666.1	10838.7	12134.3	13492.8	14802.6	16164.3	17562.3	18832.6	19975.3
-2.5°	7387.1	8494.7	9602.4	10823.3	12082.3	13401.3	14759.7	16117.2	17462.4	18750.4	19897.3
-5°	7303.1	8388.5	9491.4	10679.6	11916.9	13205.7	14528.2	15863.8	17174.4	18416.2	19532.3
-7.5°	7158.3	8211.5	9300.7	10443.0	11638.7	12882.5	14154.8	15436.5	16690.2	17871.3	18948.2
-10°	6953.2	7968.3	9025.4	10123.6	11263.3	12442.8	13643.9	14851.6	16026.5	17122.6	18095.8
-12.5°	6687.5	7662.9	8674.2	9719.4	10800.1	11896.1	13015.6	14137.6	15203.9	16237.2	17088.3
-15°	6365.6	7303.8	8268.7	9252.4	10248.1	11254.1	12280.0	13303.5	14266.7	15161.7	15949.9
-17.5°	5997.4	6896.5	7794.9	8706.6	9633.8	10560.1	11500.3	12415.1	13270.8	14058.8	14764.8
-20°	5581.6	6427.0	7274.5	8126.7	8982.1	9835.3	10681.6	11497.7	12246.1	12938.7	13547.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5117.9	5926.6	6719.0	7509.6	8298.8	9078.2	9831.7	10556.8	11228.7	11828.6	12354.4
-25°	4617.2	5389.8	6131.4	6866.6	7601.2	8300.4	8971.5	9604.4	10205.2	10732.0	11199.1
-27.5°	4116.4	4815.7	5513.3	6187.7	6862.6	7513.7	8114.0	8674.3	9198.8	9657.8	10076.3
-30°	3598.6	4229.7	4869.4	5495.0	6108.5	6703.5	7257.3	7761.7	8218.8	8624.9	8991.0
-32.5°	3191.2	3653.7	4223.7	4793.9	5355.6	5898.8	6403.4	6861.4	7265.9	7630.7	7948.4
-35°	2803.7	3189.0	3596.2	4103.8	4596.2	5089.5	5549.1	5969.0	6337.9	6662.8	6939.1
-37.5°	2466.8	2770.0	3106.2	3453.8	3874.1	4286.1	4693.0	5077.2	5416.3	5704.3	5945.9
-40°	2170.0	2405.6	2673.2	2940.1	3247.2	3535.7	3883.4	4199.3	4486.2	4749.3	4964.9
-42.5°	1902.9	2100.0	2299.8	2520.3	2734.3	2959.0	3197.6	3409.3	3640.7	3861.4	4039.7
-45°	1687.4	1835.4	1987.3	2162.4	2323.7	2500.7	2664.4	2811.5	2986.0	3139.7	3263.5
-47.5°	1493.2	1609.2	1735.0	1859.6	1986.6	2124.4	2247.3	2361.5	2484.5	2591.4	2677.1
-50°	1318.5	1412.8	1514.3	1608.3	1710.6	1811.3	1904.2	1994.2	2082.2	2158.4	2219.9
-52.5°	1165.0	1245.3	1322.2	1398.0	1479.1	1552.3	1617.9	1692.5	1758.7	1813.5	1856.1
-55°	1036.5	1098.2	1156.3	1220.9	1283.5	1340.5	1393.0	1446.9	1495.5	1538.2	1572.1
-57.5°	917.3	967.8	1016.6	1067.5	1115.4	1160.0	1203.6	1243.8	1278.6	1307.9	1331.8
-60°	807.5	849.0	891.9	932.0	969.1	1003.2	1038.5	1069.7	1097.1	1120.0	1137.1
-62.5°	704.4	742.3	774.0	805.4	837.7	869.1	888.8	908.5	927.8	946.0	961.6
-65°	597.3	628.5	656.3	679.8	699.5	722.3	742.4	757.7	768.5	776.8	783.8
-67.5°	506.5	527.2	547.5	565.0	583.2	600.3	615.3	627.8	637.8	644.3	648.0
-70°	425.6	443.1	460.2	476.2	491.5	503.6	513.1	521.3	528.1	529.4	528.8
-72.5°	352.6	369.6	385.8	401.2	414.7	423.7	429.6	434.4	438.2	426.3	409.1
-75°	286.3	302.3	317.3	331.2	344.0	350.8	354.8	358.0	360.6	339.7	312.2
-77.5°	228.2	241.6	252.3	262.9	273.3	277.2	279.0	280.4	281.4	260.6	235.0
-80°	164.1	174.3	182.8	191.0	198.8	200.7	200.7	199.6	197.5	180.7	161.6
-82.5°	104.2	109.1	113.4	117.7	121.9	124.8	127.0	128.6	129.6	117.3	103.5
-85°	51.3	52.4	53.0	53.3	53.3	55.0	56.6	58.1	59.3	53.8	47.7
-87.5°	11.6	11.3	10.9	10.5	10.0	9.8	9.6	9.4	9.2	8.5	7.8
-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: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-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°	7.0	6.3	5.5	4.7	5.5	6.3	7.0	7.8	8.5	9.2	9.4
85°	41.3	34.5	33.8	33.1	33.8	34.5	41.3	47.7	53.8	59.3	58.1
82.5°	89.0	73.9	71.6	69.3	71.6	73.9	89.0	103.5	117.3	129.6	128.6
80°	141.8	121.3	117.3	113.5	117.3	121.3	141.8	161.6	180.7	197.5	199.6
77.5°	208.0	180.0	171.7	163.9	171.7	180.0	208.0	235.0	260.6	281.4	280.4
75°	283.7	254.1	244.2	234.8	244.2	254.1	283.7	312.2	339.7	360.6	358.0
72.5°	391.8	373.8	355.6	335.7	355.6	373.8	391.8	409.1	426.3	438.2	434.4
70°	528.3	527.0	522.4	515.4	522.4	527.0	528.3	528.8	529.4	528.1	521.3
67.5°	649.6	649.0	650.6	650.9	650.6	649.0	649.6	648.0	644.3	637.8	627.8
65°	788.1	789.6	792.9	794.3	792.9	789.6	788.1	783.8	776.8	768.5	757.7
62.5°	973.5	981.6	985.6	985.1	985.6	981.6	973.5	961.6	946.0	927.8	908.5
60°	1149.8	1158.1	1163.4	1164.7	1163.4	1158.1	1149.8	1137.1	1120.0	1097.1	1069.7
57.5°	1350.8	1364.5	1371.7	1372.8	1371.7	1364.5	1350.8	1331.8	1307.9	1278.6	1243.8
55°	1598.0	1616.1	1624.3	1623.4	1624.3	1616.1	1598.0	1572.1	1538.2	1495.5	1446.9
52.5°	1888.3	1910.4	1926.9	1937.0	1926.9	1910.4	1888.3	1856.1	1813.5	1758.7	1692.5
50°	2266.2	2297.9	2318.1	2326.3	2318.1	2297.9	2266.2	2219.9	2158.4	2082.2	1994.2
47.5°	2739.0	2781.0	2812.1	2833.8	2812.1	2781.0	2739.0	2677.1	2591.4	2484.5	2361.5
45°	3354.9	3419.0	3462.5	3487.9	3462.5	3419.0	3354.9	3263.5	3139.7	2986.0	2811.5
42.5°	4178.9	4278.3	4339.2	4362.6	4339.2	4278.3	4178.9	4039.7	3861.4	3640.7	3409.3
40°	5135.2	5254.6	5332.9	5387.1	5332.9	5254.6	5135.2	4964.9	4749.3	4486.2	4199.3
37.5°	6131.2	6256.6	6332.9	6384.7	6332.9	6256.6	6131.2	5945.9	5704.3	5416.3	5077.2
35°	7147.4	7278.7	7350.2	7390.3	7350.2	7278.7	7147.4	6939.1	6662.8	6337.9	5969.0
32.5°	8190.6	8335.2	8413.0	8493.5	8413.0	8335.2	8190.6	7948.4	7630.7	7265.9	6861.4
30°	9280.2	9446.2	9527.6	9566.8	9527.6	9446.2	9280.2	8991.0	8624.9	8218.8	7761.7
27.5°	10413.9	10620.8	10722.8	10789.9	10722.8	10620.8	10413.9	10076.3	9657.8	9198.8	8674.3
25°	11593.6	11850.0	11966.8	12071.2	11966.8	11850.0	11593.6	11199.1	10732.0	10205.2	9604.4
22.5°	12817.6	13136.8	13272.1	13346.3	13272.1	13136.8	12817.6	12354.4	11828.6	11228.7	10556.8
20°	14073.5	14455.0	14642.9	14739.5	14642.9	14455.0	14073.5	13547.3	12938.7	12246.1	11497.7
17.5°	15357.8	15832.3	16075.4	16131.2	16075.4	15832.3	15357.8	14764.8	14058.8	13270.8	12415.1
15°	16618.5	17131.8	17419.2	17524.5	17419.2	17131.8	16618.5	15949.9	15161.7	14266.7	13303.5
12.5°	17812.6	18344.6	18687.9	18749.1	18687.9	18344.6	17812.6	17088.3	16237.2	15203.9	14137.6
10°	18895.5	19446.6	19825.8	19912.2	19825.8	19446.6	18895.5	18095.8	17122.6	16026.5	14851.6
7.5°	19800.7	20405.5	20824.4	20897.3	20824.4	20405.5	19800.7	18948.2	17871.3	16690.2	15436.5
5°	20463.1	21181.0	21524.9	21611.2	21524.9	21181.0	20463.1	19532.3	18416.2	17174.4	15863.8
2.5°	20826.4	21557.3	22035.3	21980.1	22035.3	21557.3	20826.4	19897.3	18750.4	17462.4	16117.2
0°	20867.3	21631.7	22088.8	22300.0	22088.8	21631.7	20867.3	19975.3	18832.6	17562.3	16164.3
-2.5°	20826.4	21557.3	22035.3	21980.1	22035.3	21557.3	20826.4	19897.3	18750.4	17462.4	16117.2
-5°	20463.1	21181.0	21524.9	21611.2	21524.9	21181.0	20463.1	19532.3	18416.2	17174.4	15863.8
-7.5°	19800.7	20405.5	20824.4	20897.3	20824.4	20405.5	19800.7	18948.2	17871.3	16690.2	15436.5
-10°	18895.5	19446.6	19825.8	19912.2	19825.8	19446.6	18895.5	18095.8	17122.6	16026.5	14851.6
-12.5°	17812.6	18344.6	18687.9	18749.1	18687.9	18344.6	17812.6	17088.3	16237.2	15203.9	14137.6
-15°	16618.5	17131.8	17419.2	17524.5	17419.2	17131.8	16618.5	15949.9	15161.7	14266.7	13303.5
-17.5°	15357.8	15832.3	16075.4	16131.2	16075.4	15832.3	15357.8	14764.8	14058.8	13270.8	12415.1
-20°	14073.5	14455.0	14642.9	14739.5	14642.9	14455.0	14073.5	13547.3	12938.7	12246.1	11497.7



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12817.6	13136.8	13272.1	13346.3	13272.1	13136.8	12817.6	12354.4	11828.6	11228.7	10556.8
-25°	11593.6	11850.0	11966.8	12071.2	11966.8	11850.0	11593.6	11199.1	10732.0	10205.2	9604.4
-27.5°	10413.9	10620.8	10722.8	10789.9	10722.8	10620.8	10413.9	10076.3	9657.8	9198.8	8674.3
-30°	9280.2	9446.2	9527.6	9566.8	9527.6	9446.2	9280.2	8991.0	8624.9	8218.8	7761.7
-32.5°	8190.6	8335.2	8413.0	8493.5	8413.0	8335.2	8190.6	7948.4	7630.7	7265.9	6861.4
-35°	7147.4	7278.7	7350.2	7390.3	7350.2	7278.7	7147.4	6939.1	6662.8	6337.9	5969.0
-37.5°	6131.2	6256.6	6332.9	6384.7	6332.9	6256.6	6131.2	5945.9	5704.3	5416.3	5077.2
-40°	5135.2	5254.6	5332.9	5387.1	5332.9	5254.6	5135.2	4964.9	4749.3	4486.2	4199.3
-42.5°	4178.9	4278.3	4339.2	4362.6	4339.2	4278.3	4178.9	4039.7	3861.4	3640.7	3409.3
-45°	3354.9	3419.0	3462.5	3487.9	3462.5	3419.0	3354.9	3263.5	3139.7	2986.0	2811.5
-47.5°	2739.0	2781.0	2812.1	2833.8	2812.1	2781.0	2739.0	2677.1	2591.4	2484.5	2361.5
-50°	2266.2	2297.9	2318.1	2326.3	2318.1	2297.9	2266.2	2219.9	2158.4	2082.2	1994.2
-52.5°	1888.3	1910.4	1926.9	1937.0	1926.9	1910.4	1888.3	1856.1	1813.5	1758.7	1692.5
-55°	1598.0	1616.1	1624.3	1623.4	1624.3	1616.1	1598.0	1572.1	1538.2	1495.5	1446.9
-57.5°	1350.8	1364.5	1371.7	1372.8	1371.7	1364.5	1350.8	1331.8	1307.9	1278.6	1243.8
-60°	1149.8	1158.1	1163.4	1164.7	1163.4	1158.1	1149.8	1137.1	1120.0	1097.1	1069.7
-62.5°	973.5	981.6	985.6	985.1	985.6	981.6	973.5	961.6	946.0	927.8	908.5
-65°	788.1	789.6	792.9	794.3	792.9	789.6	788.1	783.8	776.8	768.5	757.7
-67.5°	649.6	649.0	650.6	650.9	650.6	649.0	649.6	648.0	644.3	637.8	627.8
-70°	528.3	527.0	522.4	515.4	522.4	527.0	528.3	528.8	529.4	528.1	521.3
-72.5°	391.8	373.8	355.6	335.7	355.6	373.8	391.8	409.1	426.3	438.2	434.4
-75°	283.7	254.1	244.2	234.8	244.2	254.1	283.7	312.2	339.7	360.6	358.0
-77.5°	208.0	180.0	171.7	163.9	171.7	180.0	208.0	235.0	260.6	281.4	280.4
-80°	141.8	121.3	117.3	113.5	117.3	121.3	141.8	161.6	180.7	197.5	199.6
-82.5°	89.0	73.9	71.6	69.3	71.6	73.9	89.0	103.5	117.3	129.6	128.6
-85°	41.3	34.5	33.8	33.1	33.8	34.5	41.3	47.7	53.8	59.3	58.1
-87.5°	7.0	6.3	5.5	4.7	5.5	6.3	7.0	7.8	8.5	9.2	9.4
-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: P627273 (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°	9.6	9.8	10.0	10.5	10.9	11.3	11.6	11.3	10.9	10.5	10.1
85°	56.6	55.0	53.3	53.3	53.0	52.4	51.3	45.9	40.9	36.1	32.0
82.5°	127.0	124.8	121.9	117.7	113.4	109.1	104.2	93.2	82.5	72.3	63.8
80°	200.7	200.7	198.8	191.0	182.8	174.3	164.1	146.5	129.6	113.8	102.7
77.5°	279.0	277.2	273.3	262.9	252.3	241.6	228.2	205.5	182.9	161.1	147.0
75°	354.8	350.8	344.0	331.2	317.3	302.3	286.3	266.7	244.2	218.7	200.1
72.5°	429.6	423.7	414.7	401.2	385.8	369.6	352.6	333.4	311.4	286.4	267.6
70°	513.1	503.6	491.5	476.2	460.2	443.1	425.6	405.9	382.9	357.9	338.1
67.5°	615.3	600.3	583.2	565.0	547.5	527.2	506.5	484.1	460.9	434.7	409.7
65°	742.4	722.3	699.5	679.8	656.3	628.5	597.3	570.1	543.2	513.7	481.0
62.5°	888.8	869.1	837.7	805.4	774.0	742.3	704.4	666.3	629.6	592.5	554.3
60°	1038.5	1003.2	969.1	932.0	891.9	849.0	807.5	763.9	718.5	673.9	628.2
57.5°	1203.6	1160.0	1115.4	1067.5	1016.6	967.8	917.3	863.2	811.6	757.7	703.1
55°	1393.0	1340.5	1283.5	1220.9	1156.3	1098.2	1036.5	974.5	911.8	843.9	783.6
52.5°	1617.9	1552.3	1479.1	1398.0	1322.2	1245.3	1165.0	1094.7	1018.1	942.6	867.5
50°	1904.2	1811.3	1710.6	1608.3	1514.3	1412.8	1318.5	1226.0	1133.3	1045.9	958.5
47.5°	2247.3	2124.4	1986.6	1859.6	1735.0	1609.2	1493.2	1370.9	1264.6	1154.5	1057.3
45°	2664.4	2500.7	2323.7	2162.4	1987.3	1835.4	1687.4	1546.8	1407.1	1282.7	1158.7
42.5°	3197.6	2959.0	2734.3	2520.3	2299.8	2100.0	1902.9	1736.2	1572.3	1418.4	1278.6
40°	3883.4	3535.7	3247.2	2940.1	2673.2	2405.6	2170.0	1938.9	1752.6	1570.3	1399.8
37.5°	4693.0	4286.1	3874.1	3453.8	3106.2	2770.0	2466.8	2194.7	1941.3	1734.0	1537.3
35°	5549.1	5089.5	4596.2	4103.8	3596.2	3189.0	2803.7	2468.5	2172.8	1905.5	1678.8
32.5°	6403.4	5898.8	5355.6	4793.9	4223.7	3653.7	3191.2	2776.1	2406.1	2101.7	1833.4
30°	7257.3	6703.5	6108.5	5495.0	4869.4	4229.7	3598.6	3113.7	2679.3	2297.5	1988.9
27.5°	8114.0	7513.7	6862.6	6187.7	5513.3	4815.7	4116.4	3462.0	2954.7	2523.1	2159.6
25°	8971.5	8300.4	7601.2	6866.6	6131.4	5389.8	4617.2	3887.6	3263.5	2748.9	2316.9
22.5°	9831.7	9078.2	8298.8	7509.6	6719.0	5926.6	5117.9	4304.6	3556.1	2978.6	2501.0
20°	10681.6	9835.3	8982.1	8126.7	7274.5	6427.0	5581.6	4713.4	3900.0	3216.4	2672.9
17.5°	11500.3	10560.1	9633.8	8706.6	7794.9	6896.5	5997.4	5090.7	4207.2	3428.1	2824.6
15°	12280.0	11254.1	10248.1	9252.4	8268.7	7303.8	6365.6	5422.0	4486.5	3648.9	2991.0
12.5°	13015.6	11896.1	10800.1	9719.4	8674.2	7662.9	6687.5	5712.8	4749.6	3863.9	3139.3
10°	13643.9	12442.8	11263.3	10123.6	9025.4	7968.3	6953.2	5958.8	4975.1	4042.8	3260.7
7.5°	14154.8	12882.5	11638.7	10443.0	9300.7	8211.5	7158.3	6147.6	5153.7	4182.7	3354.3
5°	14528.2	13205.7	11916.9	10679.6	9491.4	8388.5	7303.1	6276.7	5283.0	4282.1	3419.7
2.5°	14759.7	13401.3	12082.3	10823.3	9602.4	8494.7	7387.1	6354.7	5356.9	4336.8	3460.8
0°	14802.6	13492.8	12134.3	10838.7	9666.1	8526.6	7409.2	6383.1	5376.0	4348.4	3473.7
-2.5°	14759.7	13401.3	12082.3	10823.3	9602.4	8494.7	7387.1	6354.7	5356.9	4336.8	3460.8
-5°	14528.2	13205.7	11916.9	10679.6	9491.4	8388.5	7303.1	6276.7	5283.0	4282.1	3419.7
-7.5°	14154.8	12882.5	11638.7	10443.0	9300.7	8211.5	7158.3	6147.6	5153.7	4182.7	3354.3
-10°	13643.9	12442.8	11263.3	10123.6	9025.4	7968.3	6953.2	5958.8	4975.1	4042.8	3260.7
-12.5°	13015.6	11896.1	10800.1	9719.4	8674.2	7662.9	6687.5	5712.8	4749.6	3863.9	3139.3
-15°	12280.0	11254.1	10248.1	9252.4	8268.7	7303.8	6365.6	5422.0	4486.5	3648.9	2991.0
-17.5°	11500.3	10560.1	9633.8	8706.6	7794.9	6896.5	5997.4	5090.7	4207.2	3428.1	2824.6
-20°	10681.6	9835.3	8982.1	8126.7	7274.5	6427.0	5581.6	4713.4	3900.0	3216.4	2672.9



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9831.7	9078.2	8298.8	7509.6	6719.0	5926.6	5117.9	4304.6	3556.1	2978.6	2501.0
-25°	8971.5	8300.4	7601.2	6866.6	6131.4	5389.8	4617.2	3887.6	3263.5	2748.9	2316.9
-27.5°	8114.0	7513.7	6862.6	6187.7	5513.3	4815.7	4116.4	3462.0	2954.7	2523.1	2159.6
-30°	7257.3	6703.5	6108.5	5495.0	4869.4	4229.7	3598.6	3113.7	2679.3	2297.5	1988.9
-32.5°	6403.4	5898.8	5355.6	4793.9	4223.7	3653.7	3191.2	2776.1	2406.1	2101.7	1833.4
-35°	5549.1	5089.5	4596.2	4103.8	3596.2	3189.0	2803.7	2468.5	2172.8	1905.5	1678.8
-37.5°	4693.0	4286.1	3874.1	3453.8	3106.2	2770.0	2466.8	2194.7	1941.3	1734.0	1537.3
-40°	3883.4	3535.7	3247.2	2940.1	2673.2	2405.6	2170.0	1938.9	1752.6	1570.3	1399.8
-42.5°	3197.6	2959.0	2734.3	2520.3	2299.8	2100.0	1902.9	1736.2	1572.3	1418.4	1278.6
-45°	2664.4	2500.7	2323.7	2162.4	1987.3	1835.4	1687.4	1546.8	1407.1	1282.7	1158.7
-47.5°	2247.3	2124.4	1986.6	1859.6	1735.0	1609.2	1493.2	1370.9	1264.6	1154.5	1057.3
-50°	1904.2	1811.3	1710.6	1608.3	1514.3	1412.8	1318.5	1226.0	1133.3	1045.9	958.5
-52.5°	1617.9	1552.3	1479.1	1398.0	1322.2	1245.3	1165.0	1094.7	1018.1	942.6	867.5
-55°	1393.0	1340.5	1283.5	1220.9	1156.3	1098.2	1036.5	974.5	911.8	843.9	783.6
-57.5°	1203.6	1160.0	1115.4	1067.5	1016.6	967.8	917.3	863.2	811.6	757.7	703.1
-60°	1038.5	1003.2	969.1	932.0	891.9	849.0	807.5	763.9	718.5	673.9	628.2
-62.5°	888.8	869.1	837.7	805.4	774.0	742.3	704.4	666.3	629.6	592.5	554.3
-65°	742.4	722.3	699.5	679.8	656.3	628.5	597.3	570.1	543.2	513.7	481.0
-67.5°	615.3	600.3	583.2	565.0	547.5	527.2	506.5	484.1	460.9	434.7	409.7
-70°	513.1	503.6	491.5	476.2	460.2	443.1	425.6	405.9	382.9	357.9	338.1
-72.5°	429.6	423.7	414.7	401.2	385.8	369.6	352.6	333.4	311.4	286.4	267.6
-75°	354.8	350.8	344.0	331.2	317.3	302.3	286.3	266.7	244.2	218.7	200.1
-77.5°	279.0	277.2	273.3	262.9	252.3	241.6	228.2	205.5	182.9	161.1	147.0
-80°	200.7	200.7	198.8	191.0	182.8	174.3	164.1	146.5	129.6	113.8	102.7
-82.5°	127.0	124.8	121.9	117.7	113.4	109.1	104.2	93.2	82.5	72.3	63.8
-85°	56.6	55.0	53.3	53.3	53.0	52.4	51.3	45.9	40.9	36.1	32.0
-87.5°	9.6	9.8	10.0	10.5	10.9	11.3	11.6	11.3	10.9	10.5	10.1
-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: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-WR-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°	11.2	12.2	12.9	13.5	14.0	14.2	14.2	14.0	13.4	12.7	11.7
85°	33.4	34.1	33.9	32.9	30.7	28.4	28.4	28.0	26.9	25.4	23.5
82.5°	66.3	68.4	69.6	69.1	64.8	60.3	55.5	50.4	45.0	38.8	35.2
80°	106.6	109.0	109.8	108.0	100.3	92.1	85.0	77.7	70.6	62.5	53.4
77.5°	150.1	151.8	152.3	149.5	139.8	129.3	118.0	106.2	96.2	86.1	74.9
75°	196.8	197.4	197.0	191.9	180.0	166.4	152.8	138.1	123.4	109.7	96.2
72.5°	257.4	249.2	243.0	234.8	221.7	206.4	189.0	169.5	150.9	133.4	117.2
70°	320.9	303.4	289.8	277.3	262.8	246.7	227.4	202.8	177.9	156.7	137.0
67.5°	387.1	365.4	343.6	320.8	302.9	284.8	265.2	235.8	205.9	179.5	156.3
65°	451.6	424.8	400.1	370.5	344.5	322.4	300.3	266.9	232.8	202.1	175.3
62.5°	516.6	480.7	449.7	417.6	386.3	358.9	333.9	295.9	258.6	223.8	193.2
60°	583.3	541.2	499.1	462.1	426.7	393.4	362.4	324.0	283.6	244.4	210.3
57.5°	652.4	601.9	553.7	507.6	466.4	428.1	389.7	350.0	307.8	265.3	225.6
55°	722.2	665.1	608.6	555.7	506.9	463.3	418.1	374.7	330.9	285.7	237.9
52.5°	797.2	730.2	666.4	604.7	548.8	497.6	448.4	399.0	352.9	305.3	251.2
50°	876.5	799.2	726.3	657.2	590.4	533.4	477.9	425.6	374.4	324.2	263.7
47.5°	959.9	872.3	789.3	710.2	637.7	568.0	508.8	451.7	395.4	342.8	275.1
45°	1051.7	947.6	854.1	767.2	683.0	607.3	539.3	476.9	418.0	356.2	285.3
42.5°	1143.9	1028.7	921.3	822.4	732.4	647.0	568.5	503.1	439.8	368.5	295.3
40°	1250.3	1111.7	988.9	881.8	781.1	685.0	602.2	528.3	460.1	380.6	305.1
37.5°	1354.1	1201.0	1062.7	938.4	829.1	727.8	634.8	552.3	476.1	393.9	313.9
35°	1476.3	1293.2	1133.0	998.3	878.7	768.5	665.4	576.8	493.7	406.6	321.7
32.5°	1595.1	1387.1	1212.1	1059.6	925.4	807.1	697.9	601.9	511.6	418.8	328.6
30°	1725.5	1489.2	1286.6	1117.1	971.8	846.8	730.6	625.6	529.6	430.2	335.3
27.5°	1850.8	1583.3	1359.2	1177.9	1020.8	883.9	760.8	647.7	547.7	442.1	343.6
25°	1975.0	1685.0	1439.1	1235.8	1065.9	917.6	788.6	668.4	565.5	455.5	351.0
22.5°	2109.8	1783.4	1511.1	1287.9	1106.6	948.4	815.1	691.1	581.7	468.3	357.5
20°	2233.7	1872.2	1575.5	1337.8	1147.0	981.7	840.0	711.3	596.4	480.2	363.1
17.5°	2350.6	1962.5	1647.3	1391.7	1185.3	1011.0	861.8	729.1	609.3	491.3	367.5
15°	2473.2	2052.2	1711.9	1438.4	1218.4	1036.3	880.6	744.4	620.5	501.2	371.8
12.5°	2578.0	2128.1	1766.2	1477.7	1246.2	1057.5	896.2	757.1	629.7	509.7	375.6
10°	2664.3	2189.7	1810.0	1509.4	1268.6	1074.5	908.7	767.4	637.5	516.2	377.7
7.5°	2731.5	2236.7	1843.1	1533.4	1285.8	1087.8	919.1	775.5	643.5	520.8	378.1
5°	2778.5	2269.6	1867.4	1550.2	1298.8	1097.3	926.5	780.8	647.5	523.3	377.0
2.5°	2803.2	2288.1	1882.4	1559.2	1306.3	1102.5	930.6	783.4	649.5	523.7	374.4
0°	2807.0	2291.6	1886.6	1560.3	1308.1	1103.3	931.5	783.3	649.3	521.7	370.4
-2.5°	2803.2	2288.1	1882.4	1559.2	1306.3	1102.5	930.6	783.4	649.5	523.7	374.4
-5°	2778.5	2269.6	1867.4	1550.2	1298.8	1097.3	926.5	780.8	647.5	523.3	377.0
-7.5°	2731.5	2236.7	1843.1	1533.4	1285.8	1087.8	919.1	775.5	643.5	520.8	378.1
-10°	2664.3	2189.7	1810.0	1509.4	1268.6	1074.5	908.7	767.4	637.5	516.2	377.7
-12.5°	2578.0	2128.1	1766.2	1477.7	1246.2	1057.5	896.2	757.1	629.7	509.7	375.6
-15°	2473.2	2052.2	1711.9	1438.4	1218.4	1036.3	880.6	744.4	620.5	501.2	371.8
-17.5°	2350.6	1962.5	1647.3	1391.7	1185.3	1011.0	861.8	729.1	609.3	491.3	367.5
-20°	2233.7	1872.2	1575.5	1337.8	1147.0	981.7	840.0	711.3	596.4	480.2	363.1

Classified

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Scaled Data Report



REPORT NUMBER: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2109.8	1783.4	1511.1	1287.9	1106.6	948.4	815.1	691.1	581.7	468.3	357.5
-25°	1975.0	1685.0	1439.1	1235.8	1065.9	917.6	788.6	668.4	565.5	455.5	351.0
-27.5°	1850.8	1583.3	1359.2	1177.9	1020.8	883.9	760.8	647.7	547.7	442.1	343.6
-30°	1725.5	1489.2	1286.6	1117.1	971.8	846.8	730.6	625.6	529.6	430.2	335.3
-32.5°	1595.1	1387.1	1212.1	1059.6	925.4	807.1	697.9	601.9	511.6	418.8	328.6
-35°	1476.3	1293.2	1133.0	998.3	878.7	768.5	665.4	576.8	493.7	406.6	321.7
-37.5°	1354.1	1201.0	1062.7	938.4	829.1	727.8	634.8	552.3	476.1	393.9	313.9
-40°	1250.3	1111.7	988.9	881.8	781.1	685.0	602.2	528.3	460.1	380.6	305.1
-42.5°	1143.9	1028.7	921.3	822.4	732.4	647.0	568.5	503.1	439.8	368.5	295.3
-45°	1051.7	947.6	854.1	767.2	683.0	607.3	539.3	476.9	418.0	356.2	285.3
-47.5°	959.9	872.3	789.3	710.2	637.7	568.0	508.8	451.7	395.4	342.8	275.1
-50°	876.5	799.2	726.3	657.2	590.4	533.4	477.9	425.6	374.4	324.2	263.7
-52.5°	797.2	730.2	666.4	604.7	548.8	497.6	448.4	399.0	352.9	305.3	251.2
-55°	722.2	665.1	608.6	555.7	506.9	463.3	418.1	374.7	330.9	285.7	237.9
-57.5°	652.4	601.9	553.7	507.6	466.4	428.1	389.7	350.0	307.8	265.3	225.6
-60°	583.3	541.2	499.1	462.1	426.7	393.4	362.4	324.0	283.6	244.4	210.3
-62.5°	516.6	480.7	449.7	417.6	386.3	358.9	333.9	295.9	258.6	223.8	193.2
-65°	451.6	424.8	400.1	370.5	344.5	322.4	300.3	266.9	232.8	202.1	175.3
-67.5°	387.1	365.4	343.6	320.8	302.9	284.8	265.2	235.8	205.9	179.5	156.3
-70°	320.9	303.4	289.8	277.3	262.8	246.7	227.4	202.8	177.9	156.7	137.0
-72.5°	257.4	249.2	243.0	234.8	221.7	206.4	189.0	169.5	150.9	133.4	117.2
-75°	196.8	197.4	197.0	191.9	180.0	166.4	152.8	138.1	123.4	109.7	96.2
-77.5°	150.1	151.8	152.3	149.5	139.8	129.3	118.0	106.2	96.2	86.1	74.9
-80°	106.6	109.0	109.8	108.0	100.3	92.1	85.0	77.7	70.6	62.5	53.4
-82.5°	66.3	68.4	69.6	69.1	64.8	60.3	55.5	50.4	45.0	38.8	35.2
-85°	33.4	34.1	33.9	32.9	30.7	28.4	28.4	28.0	26.9	25.4	23.5
-87.5°	11.2	12.2	12.9	13.5	14.0	14.2	14.2	14.0	13.4	12.7	11.7
-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: P627273 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-WR-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°	10.6	8.3	6.2	4.3	2.6	1.1	0.0
85°	21.2	16.5	12.3	8.5	5.2	2.3	0.0
82.5°	31.6	24.7	18.4	12.7	7.8	3.4	0.0
80°	43.0	32.8	24.4	16.9	10.3	4.5	0.0
77.5°	61.3	42.6	30.3	21.0	12.8	5.6	0.0
75°	79.2	55.7	36.7	25.1	15.3	6.7	0.0
72.5°	96.5	68.4	45.5	29.1	17.7	7.8	0.0
70°	112.9	80.6	54.0	33.2	20.1	8.8	0.0
67.5°	127.1	92.3	62.1	38.4	22.4	9.8	0.0
65°	140.6	103.0	69.8	43.3	24.6	10.8	0.0
62.5°	153.4	112.7	77.0	48.0	26.8	11.8	0.0
60°	165.3	121.9	83.8	52.4	28.8	12.7	0.0
57.5°	176.1	130.5	90.1	56.5	31.3	13.6	0.0
55°	186.1	138.4	96.0	60.4	33.8	14.5	0.0
52.5°	195.2	145.6	101.4	63.8	36.1	15.3	0.0
50°	203.5	152.2	106.3	67.0	38.3	16.1	0.0
47.5°	211.2	158.2	110.7	69.9	40.4	16.9	0.0
45°	219.9	163.5	114.5	72.7	42.4	17.6	0.0
42.5°	227.6	168.1	117.8	75.2	44.3	18.2	0.0
40°	234.4	172.0	120.8	78.0	46.1	18.8	0.0
37.5°	240.2	175.2	123.5	80.8	47.7	19.4	0.0
35°	245.0	178.8	125.7	83.4	49.3	19.9	0.0
32.5°	249.4	182.2	127.4	85.7	50.7	20.4	0.0
30°	254.3	184.8	128.5	87.8	51.9	20.8	0.0
27.5°	258.3	186.7	131.3	89.7	53.1	21.2	0.0
25°	261.4	187.8	133.9	91.4	54.1	21.5	0.0
22.5°	263.6	189.3	136.2	92.8	55.0	21.8	0.0
20°	264.9	192.7	138.2	93.9	55.7	22.0	0.0
17.5°	267.9	195.5	139.9	94.8	56.3	22.2	0.0
15°	271.4	197.7	141.2	95.5	56.8	22.3	0.0
12.5°	274.0	199.4	142.2	95.9	57.1	22.4	0.0
10°	275.6	200.4	142.8	96.1	57.3	22.4	0.0
7.5°	276.3	200.8	143.1	96.1	57.3	22.4	0.0
5°	276.0	200.6	143.0	95.8	57.3	22.4	0.0
2.5°	274.8	199.9	142.6	95.3	57.0	22.2	0.0
0°	272.7	198.6	141.8	94.6	56.7	22.1	0.0
-2.5°	274.8	199.9	142.6	95.3	57.0	22.2	0.0
-5°	276.0	200.6	143.0	95.8	57.3	22.4	0.0
-7.5°	276.3	200.8	143.1	96.1	57.3	22.4	0.0
-10°	275.6	200.4	142.8	96.1	57.3	22.4	0.0
-12.5°	274.0	199.4	142.2	95.9	57.1	22.4	0.0
-15°	271.4	197.7	141.2	95.5	56.8	22.3	0.0
-17.5°	267.9	195.5	139.9	94.8	56.3	22.2	0.0
-20°	264.9	192.7	138.2	93.9	55.7	22.0	0.0

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CATALOG NUMBER: GFLD-SA3E-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	263.6	189.3	136.2	92.8	55.0	21.8	0.0
-25°	261.4	187.8	133.9	91.4	54.1	21.5	0.0
-27.5°	258.3	186.7	131.3	89.7	53.1	21.2	0.0
-30°	254.3	184.8	128.5	87.8	51.9	20.8	0.0
-32.5°	249.4	182.2	127.4	85.7	50.7	20.4	0.0
-35°	245.0	178.8	125.7	83.4	49.3	19.9	0.0
-37.5°	240.2	175.2	123.5	80.8	47.7	19.4	0.0
-40°	234.4	172.0	120.8	78.0	46.1	18.8	0.0
-42.5°	227.6	168.1	117.8	75.2	44.3	18.2	0.0
-45°	219.9	163.5	114.5	72.7	42.4	17.6	0.0
-47.5°	211.2	158.2	110.7	69.9	40.4	16.9	0.0
-50°	203.5	152.2	106.3	67.0	38.3	16.1	0.0
-52.5°	195.2	145.6	101.4	63.8	36.1	15.3	0.0
-55°	186.1	138.4	96.0	60.4	33.8	14.5	0.0
-57.5°	176.1	130.5	90.1	56.5	31.3	13.6	0.0
-60°	165.3	121.9	83.8	52.4	28.8	12.7	0.0
-62.5°	153.4	112.7	77.0	48.0	26.8	11.8	0.0
-65°	140.6	103.0	69.8	43.3	24.6	10.8	0.0
-67.5°	127.1	92.3	62.1	38.4	22.4	9.8	0.0
-70°	112.9	80.6	54.0	33.2	20.1	8.8	0.0
-72.5°	96.5	68.4	45.5	29.1	17.7	7.8	0.0
-75°	79.2	55.7	36.7	25.1	15.3	6.7	0.0
-77.5°	61.3	42.6	30.3	21.0	12.8	5.6	0.0
-80°	43.0	32.8	24.4	16.9	10.3	4.5	0.0
-82.5°	31.6	24.7	18.4	12.7	7.8	3.4	0.0
-85°	21.2	16.5	12.3	8.5	5.2	2.3	0.0
-87.5°	10.6	8.3	6.2	4.3	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)