

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: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627282 (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-SA3E-735-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

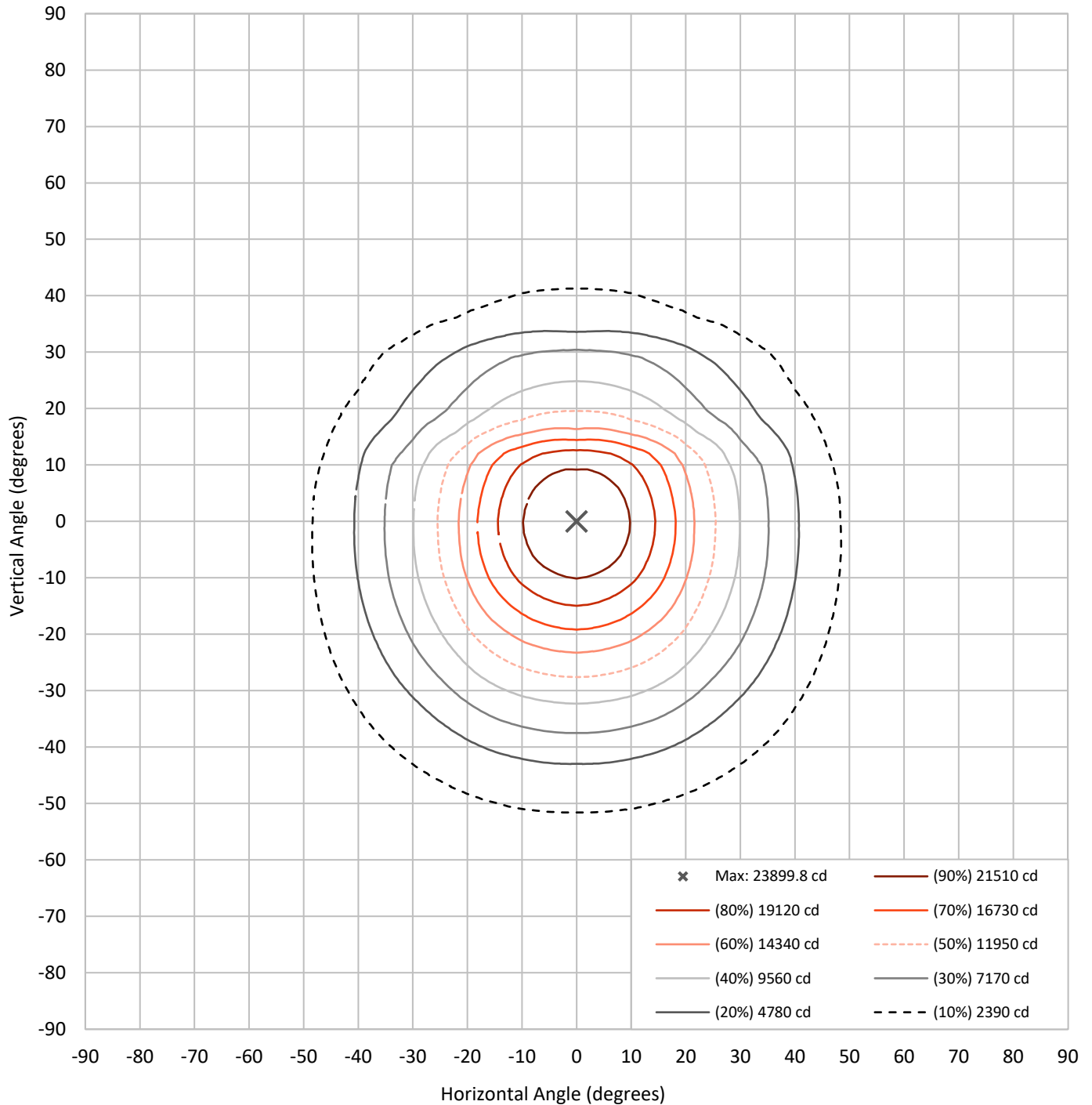
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21084.8 lumens	Max Intensity:	23899.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	10151.3 lumens	Field Lumens:	18878 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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





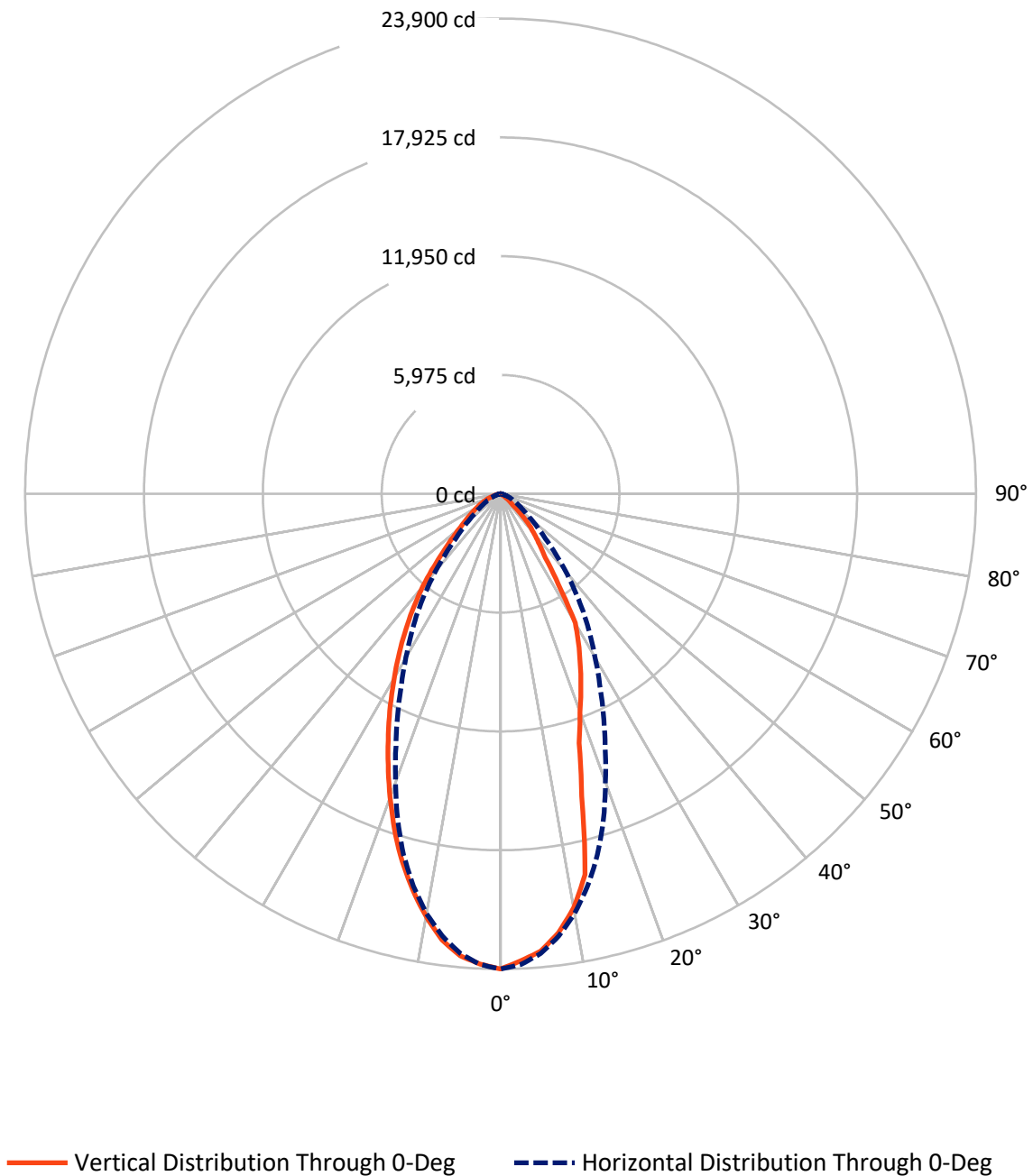
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1				
50		0.5	1.1	2.0	3.3	4.9	6.6	7.5	7.5	6.6	4.9	3.3	2.0	1.1		0.5			
40	0.9	1.6	4.1	8.6	15.7	25.7	37.2	45.6	45.6	37.2	25.7	15.7	8.6	4.1	1.6	0.9			
30		3.2	8.2	19.1	39.4	72.3	110.6	133.0	133.0	110.6	72.3	39.4	19.1	8.2	3.2				
20	2.3	5.0	13.4	34.6	81.9	153.8	234.0	282.1	282.1	234.0	153.8	81.9	34.6	13.4	5.0	2.3			
10		6.8	19.0	54.3	134.7	249.2	389.3	481.3	481.3	389.3	249.2	134.7	54.3	19.0	6.8				
0	3.3	8.0	23.9	70.2	176.9	329.8	529.5	671.3	671.3	529.5	329.8	176.9	70.2	23.9	8.0	3.3			
-10		8.3	24.9	72.5	179.5	334.5	534.9	675.5	675.5	534.9	334.5	179.5	72.5	24.9	8.3				
-20	3.5	8.2	23.6	64.5	159.0	293.8	452.8	558.8	558.8	452.8	293.8	159.0	64.5	23.6	8.2	3.5			
-30		7.5	20.4	50.5	118.7	221.4	330.0	395.8	395.8	330.0	221.4	118.7	50.5	20.4	7.5				
-40	3.0	6.6	16.5	36.5	74.7	137.4	207.3	246.7	246.7	207.3	137.4	74.7	36.5	16.5	6.6	3.0			
-50		5.5	12.8	25.2	44.9	71.9	103.2	122.8	122.8	103.2	71.9	44.9	25.2	12.8	5.5				
-60	1.9	4.3	9.3	16.8	27.4	39.4	51.0	57.7	57.7	51.0	39.4	27.4	16.8	9.3	4.3	1.9			
-70		3.0	6.2	10.4	15.9	21.7	26.5	28.9	28.9	26.5	21.7	15.9	10.4	6.2	3.0				
-80	0.5	6.0	15.5	27.7	25.2	27.7	15.5	6.0	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

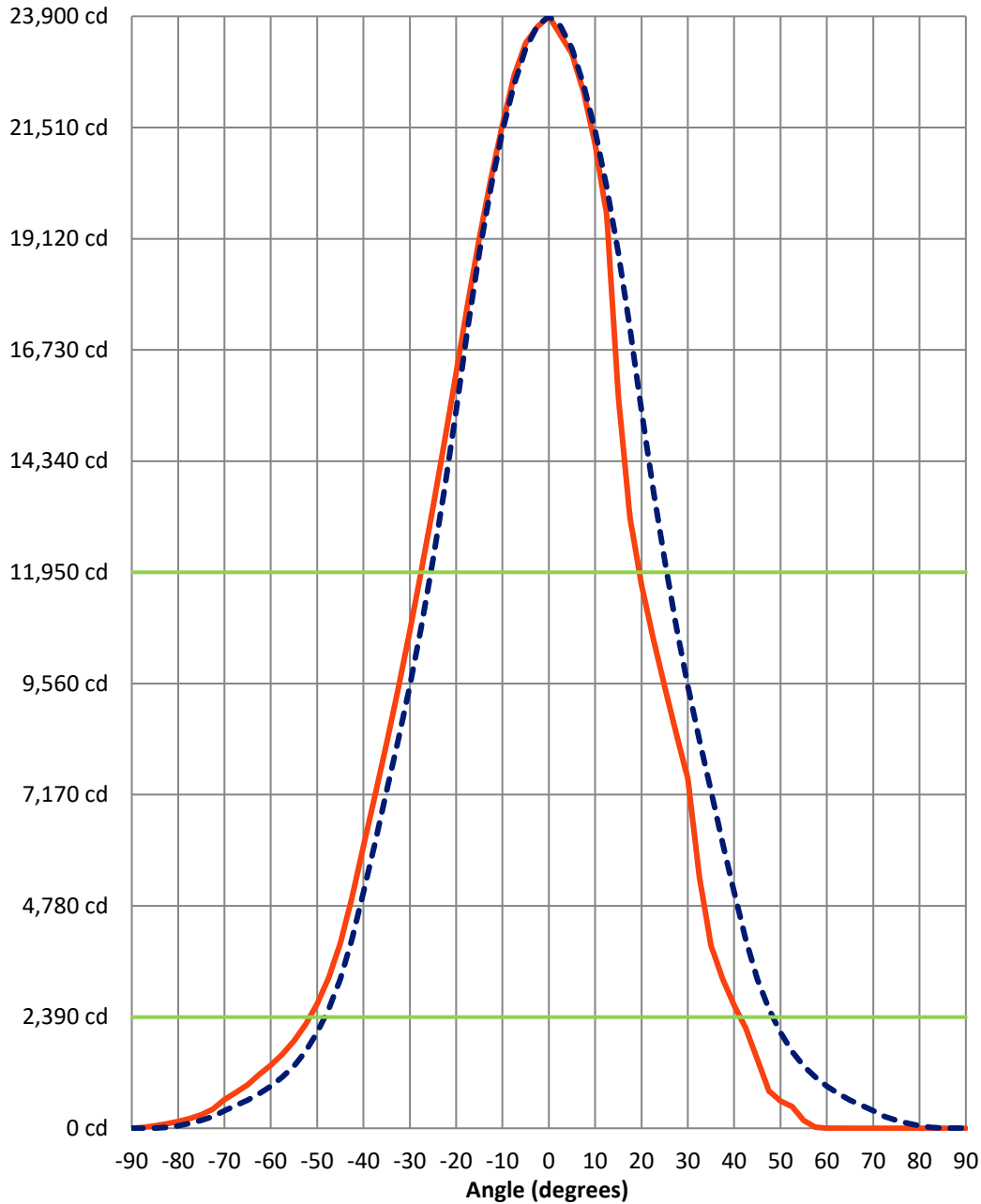
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 10151.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 18878
 Efficiency: 89.5%

Spill:
 Lumens: 2206.7
 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	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.7	1.7
80°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.4	0.7	1.1	1.5	1.7	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.6	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
67.5°	0.0	0.7	1.3	1.7	1.7	1.7	1.9	1.7	1.7	2.2	2.1
65°	0.0	0.7	1.4	1.7	1.7	1.9	2.1	1.7	2.4	2.8	3.3
62.5°	0.0	0.8	1.6	1.7	1.7	2.3	2.3	2.3	3.2	4.6	7.1
60°	0.0	0.8	1.7	1.7	1.7	2.7	2.7	3.2	4.1	11.3	12.2
57.5°	0.0	0.9	1.7	1.7	2.2	3.2	4.6	4.4	11.1	19.0	20.9
55°	0.0	1.0	1.7	1.7	2.7	3.7	7.0	6.5	20.4	28.7	32.4
52.5°	0.0	1.0	1.8	1.7	3.2	4.7	9.8	16.0	30.5	42.6	45.9
50°	0.0	1.1	1.8	1.7	3.8	7.7	13.0	26.5	42.6	58.0	70.1
47.5°	0.0	1.1	1.9	1.8	4.4	10.8	17.3	37.2	58.5	75.0	95.2
45°	0.0	1.2	1.9	2.3	5.0	14.2	26.6	47.9	74.5	97.1	119.9
42.5°	0.0	1.3	2.0	2.8	5.6	17.7	35.8	60.4	90.4	119.0	147.3
40°	0.0	1.3	2.0	3.4	7.4	21.5	45.0	74.2	106.9	140.3	176.0
37.5°	0.0	1.3	2.1	4.1	10.3	25.4	54.1	87.9	124.8	162.3	205.2
35°	0.0	1.4	2.2	4.9	13.3	31.5	63.1	101.3	142.8	188.5	237.0
32.5°	0.0	1.4	2.2	5.8	16.3	38.7	72.6	114.5	160.8	215.4	272.9
30°	0.0	1.5	2.3	6.7	19.3	45.6	83.3	127.9	178.8	243.0	309.0
27.5°	0.0	1.5	2.4	7.6	22.7	52.3	93.6	142.6	198.6	270.9	345.2
25°	0.0	1.5	2.5	8.7	26.2	58.8	103.6	156.9	221.3	300.7	381.5
22.5°	0.0	1.6	2.6	9.7	29.5	65.1	113.1	170.9	243.9	330.8	418.2
20°	0.0	1.6	2.7	10.8	32.8	71.3	122.3	184.4	266.1	360.2	453.2
17.5°	0.0	1.6	2.8	11.9	35.9	77.0	130.7	197.4	287.7	388.8	486.4
15°	0.0	1.6	2.9	12.9	38.9	82.5	138.5	208.9	308.5	416.4	517.7
12.5°	0.0	1.7	3.0	14.0	41.7	87.5	145.6	218.5	325.8	442.8	547.0
10°	0.0	1.7	3.1	15.1	44.4	92.0	152.0	227.1	339.7	458.3	570.0
7.5°	0.0	1.7	3.2	16.1	46.8	96.2	157.8	234.7	351.8	470.2	582.1
5°	0.0	1.7	3.2	17.1	49.1	99.9	162.8	241.2	362.2	479.6	591.8
2.5°	0.0	1.7	3.3	18.0	51.1	103.1	167.1	246.6	370.7	486.8	599.2
0°	0.0	1.7	3.4	18.8	52.9	105.8	170.7	250.9	377.3	491.7	604.3
-2.5°	0.0	1.8	3.9	20.0	55.3	109.1	175.4	258.2	384.7	498.8	612.3
-5°	0.0	1.9	4.4	21.1	57.5	112.0	179.2	264.2	390.1	503.9	618.0
-7.5°	0.0	2.0	4.9	22.1	59.3	114.2	182.2	269.0	393.5	507.0	621.4
-10°	0.0	2.1	5.4	22.9	60.8	115.9	184.4	272.4	395.0	508.3	622.4
-12.5°	0.0	2.2	5.9	23.7	61.9	117.1	185.7	274.3	394.5	507.5	619.5
-15°	0.0	2.3	6.3	24.3	62.6	117.6	186.1	274.7	391.6	503.1	613.5
-17.5°	0.0	2.4	6.7	24.7	63.0	117.5	185.6	274.2	386.6	497.1	605.2
-20°	0.0	2.4	7.0	25.1	62.9	116.9	185.1	272.9	380.2	489.6	594.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	7.3	25.2	62.4	115.6	185.2	270.4	372.7	480.7	581.7
-25°	0.0	2.5	7.6	25.2	61.4	115.2	184.3	266.8	364.2	470.5	566.5
-27.5°	0.0	2.6	7.8	25.0	60.0	114.7	182.6	262.1	354.7	458.7	552.5
-30°	0.0	2.6	8.0	24.7	58.3	113.4	179.9	256.3	346.3	445.3	537.5
-32.5°	0.0	2.6	8.2	24.1	57.6	111.5	176.2	251.4	338.1	431.4	521.4
-35°	0.0	2.6	8.2	23.4	56.4	108.8	172.8	246.2	328.7	417.0	504.3
-37.5°	0.0	2.6	8.3	22.6	54.7	105.9	168.9	239.8	318.2	402.3	484.2
-40°	0.0	2.6	8.2	21.5	52.5	103.3	164.0	232.4	306.7	388.5	462.7
-42.5°	0.0	2.5	8.2	20.5	51.0	100.1	158.2	224.0	296.0	370.6	439.8
-45°	0.0	2.5	8.0	19.7	50.0	96.2	151.4	215.1	285.1	351.4	416.0
-47.5°	0.0	2.4	7.8	18.7	48.4	91.6	143.8	206.0	272.9	331.6	393.9
-50°	0.0	2.3	7.6	18.3	46.4	86.5	137.1	195.9	256.8	313.5	371.2
-52.5°	0.0	2.3	7.3	18.1	43.9	80.7	129.9	184.6	240.9	294.7	348.2
-55°	0.0	2.2	7.0	17.6	40.8	75.9	121.9	172.6	224.4	275.1	326.5
-57.5°	0.0	2.1	6.6	16.9	37.3	70.8	113.1	161.9	207.1	255.3	304.0
-60°	0.0	2.0	6.1	15.9	33.5	64.9	103.7	149.0	189.3	234.7	280.8
-62.5°	0.0	1.8	5.7	14.8	31.1	58.4	94.7	134.7	171.8	213.4	256.8
-65°	0.0	1.7	5.3	13.5	28.5	51.2	84.7	119.7	153.1	190.9	232.0
-67.5°	0.0	1.6	4.9	12.0	25.5	44.9	73.9	104.6	133.4	167.1	204.5
-70°	0.0	1.4	4.4	10.3	22.1	39.3	62.3	89.0	114.7	142.1	174.8
-72.5°	0.0	1.2	3.9	9.1	18.6	33.4	52.9	72.8	95.5	119.6	145.0
-75°	0.0	1.1	3.4	7.9	14.7	27.0	43.5	59.4	75.8	96.5	118.3
-77.5°	0.0	0.9	2.9	6.7	12.2	20.4	33.5	46.6	60.2	74.4	91.0
-80°	0.0	0.7	2.3	5.4	9.9	15.6	23.1	33.7	44.7	56.4	68.6
-82.5°	0.0	0.6	1.8	4.1	7.5	11.8	17.0	22.5	29.1	38.0	47.4
-85°	0.0	0.4	1.2	2.8	5.0	7.9	11.4	15.1	19.2	23.7	28.7
-87.5°	0.0	0.2	0.6	1.4	2.5	4.0	5.7	7.6	9.6	11.9	14.4
-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):

	-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°	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.3	0.9
65°	1.7	1.7	2.3	2.5	1.8	1.7	1.7	1.7	1.8	1.5	1.6
62.5°	2.5	3.1	3.8	5.9	4.4	1.7	3.3	3.9	2.6	2.1	2.3
60°	7.5	5.1	13.1	18.2	11.9	6.3	7.7	15.5	12.8	3.5	9.0
57.5°	15.1	18.6	33.1	34.7	26.6	18.0	39.5	43.8	36.3	22.8	32.8
55°	31.4	44.1	55.8	55.1	55.5	69.7	82.0	80.5	70.9	97.8	123.2
52.5°	59.5	72.7	80.4	87.6	107.5	120.8	124.5	132.1	159.9	193.2	199.2
50°	87.3	100.9	111.1	137.0	157.4	167.9	177.6	203.1	245.2	268.0	271.7
47.5°	115.4	130.6	157.4	185.8	205.5	221.4	238.3	296.1	343.1	362.6	369.6
45°	144.7	171.0	204.5	233.7	256.6	278.0	332.9	411.9	445.0	474.8	550.7
42.5°	175.2	214.8	252.5	283.1	308.9	353.7	430.1	506.7	554.0	617.5	709.1
40°	214.1	258.5	302.2	333.3	365.5	433.3	528.0	609.0	659.1	744.2	848.7
37.5°	253.5	305.5	352.7	385.5	430.7	522.5	633.7	730.8	792.9	862.1	1030.0
35°	292.5	353.4	401.8	445.8	501.7	628.3	765.3	873.4	950.1	1068.8	1281.2
32.5°	334.2	402.2	451.7	511.6	603.4	745.0	913.3	1033.3	1160.5	1331.2	1671.5
30°	378.5	447.9	504.9	576.8	700.0	865.2	1060.5	1211.2	1383.9	1661.2	2028.0
27.5°	422.7	493.5	563.6	655.1	790.4	968.8	1172.8	1410.4	1633.6	1943.7	2344.7
25°	465.2	539.9	621.2	731.7	878.0	1064.8	1287.5	1561.6	1852.9	2207.6	2678.4
22.5°	505.7	587.0	682.1	801.0	952.0	1156.0	1421.5	1743.5	2093.6	2460.9	3002.0
20°	545.4	639.6	748.8	881.8	1020.1	1240.0	1552.6	1942.5	2381.2	2884.5	3414.7
17.5°	584.7	691.6	817.6	965.5	1133.0	1358.1	1687.0	2151.2	2685.1	3340.2	3993.0
15°	623.2	742.5	884.2	1048.1	1246.9	1515.9	1889.5	2399.7	3044.8	3829.3	4602.5
12.5°	660.4	791.9	948.0	1128.8	1357.4	1664.5	2080.3	2630.8	3369.9	4307.1	5257.1
10°	696.2	839.3	1008.7	1206.7	1463.2	1802.8	2249.0	2830.7	3615.2	4581.1	5637.6
7.5°	714.4	871.4	1060.4	1280.8	1563.0	1929.8	2395.8	2999.6	3806.9	4801.4	5860.8
5°	727.4	886.1	1079.9	1310.4	1617.9	2016.1	2508.2	3137.7	3948.2	4967.2	6011.9
2.5°	737.4	896.6	1094.1	1327.1	1639.6	2044.9	2545.3	3185.9	4023.9	5053.7	6100.0
0°	744.3	903.1	1102.8	1336.7	1650.8	2058.8	2562.4	3206.0	4056.1	5073.6	6132.0
-2.5°	751.6	911.9	1112.0	1351.6	1666.5	2077.8	2581.3	3220.2	4080.2	5079.1	6149.3
-5°	755.8	916.6	1115.6	1358.7	1671.5	2081.3	2579.9	3206.7	4061.1	5039.2	6111.7
-7.5°	756.9	917.1	1113.6	1357.3	1665.1	2065.2	2552.7	3166.6	3994.8	4958.6	6019.4
-10°	755.1	913.1	1106.3	1345.0	1646.3	2031.7	2503.9	3097.3	3886.0	4825.4	5863.5
-12.5°	749.6	904.6	1093.1	1324.9	1616.1	1984.0	2435.2	2998.5	3734.9	4640.3	5643.6
-15°	740.7	891.8	1074.1	1297.1	1574.5	1922.6	2346.9	2870.1	3540.3	4404.9	5369.9
-17.5°	728.5	875.0	1049.2	1261.6	1521.3	1848.1	2240.1	2719.9	3330.5	4142.2	5065.6
-20°	713.0	854.0	1018.4	1218.5	1460.0	1769.6	2141.1	2586.8	3134.1	3841.4	4706.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	694.1	828.9	985.8	1177.2	1405.5	1688.1	2030.3	2436.0	2913.8	3493.7	4314.5
-25°	674.7	804.9	954.1	1131.3	1343.4	1595.7	1903.6	2273.2	2705.9	3236.7	3915.3
-27.5°	655.5	777.3	917.5	1078.3	1273.7	1500.5	1784.5	2121.4	2507.1	2958.4	3511.0
-30°	633.9	746.5	877.1	1022.8	1206.9	1417.5	1662.9	1951.6	2294.6	2702.4	3182.8
-32.5°	610.4	713.4	838.0	974.7	1135.4	1327.0	1539.4	1800.5	2098.8	2435.3	2850.5
-35°	586.9	685.2	797.9	923.0	1058.7	1238.1	1433.2	1649.8	1903.6	2201.6	2533.6
-37.5°	564.3	654.4	755.0	871.6	998.9	1147.8	1320.2	1515.8	1734.2	1971.3	2258.1
-40°	539.1	621.2	716.3	821.9	934.5	1063.6	1219.0	1385.0	1573.1	1781.7	2003.2
-42.5°	511.8	590.7	677.4	768.4	871.7	987.1	1116.0	1267.8	1424.0	1598.8	1792.2
-45°	485.0	557.4	636.8	719.9	806.8	908.7	1025.8	1152.1	1290.6	1433.2	1595.6
-47.5°	456.8	522.9	596.9	669.2	746.2	833.1	932.5	1047.1	1162.6	1289.6	1415.6
-50°	428.5	490.6	552.8	620.3	689.2	761.6	845.5	944.4	1049.6	1154.9	1265.8
-52.5°	403.2	456.9	513.1	571.0	633.8	698.2	768.1	849.7	941.6	1034.5	1130.0
-55°	377.3	426.8	473.3	525.2	579.5	637.4	699.8	768.4	837.8	922.4	1004.6
-57.5°	352.1	396.0	436.3	480.6	528.9	578.2	634.4	692.6	755.7	819.6	886.9
-60°	326.8	364.1	400.7	439.0	479.5	523.3	568.5	619.7	673.8	729.2	787.6
-62.5°	300.6	330.8	363.1	398.1	433.8	467.5	505.5	547.3	591.9	639.5	688.9
-65°	271.3	296.4	323.3	353.8	387.3	414.5	443.5	475.0	511.8	551.1	589.9
-67.5°	240.0	262.2	284.2	306.8	334.0	358.3	382.2	407.3	434.8	466.9	498.0
-70°	205.1	227.3	246.7	265.4	282.7	300.1	320.4	340.2	362.3	391.1	419.4
-72.5°	169.7	190.5	208.8	224.7	236.9	247.3	259.8	274.1	295.4	322.1	347.1
-75°	137.3	154.0	171.2	186.5	194.3	197.5	200.1	207.6	229.2	256.6	280.8
-77.5°	106.9	121.5	135.5	148.9	154.4	156.5	157.6	157.5	173.4	196.8	221.3
-80°	78.8	88.9	100.8	112.2	115.5	116.6	116.7	116.0	128.9	145.8	163.7
-82.5°	54.7	62.0	69.6	77.3	78.4	77.9	76.7	75.6	86.1	98.2	110.7
-85°	31.8	34.9	39.5	44.3	44.8	44.6	43.8	42.4	48.3	54.9	61.8
-87.5°	15.9	17.5	19.0	20.5	20.0	19.2	18.2	16.9	18.5	20.2	22.0
-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: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.7	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.7	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.7	1.4	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.7	1.5	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.7	1.7	1.3	0.8	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.2	2.1	1.5	1.4	1.6	1.7	1.4	1.2	1.1	1.2	1.4
60°	9.6	5.5	5.6	7.2	6.1	2.8	5.6	7.1	6.6	5.0	4.4
57.5°	49.0	41.0	28.7	48.0	49.5	34.5	37.4	48.8	47.3	36.5	36.4
55°	123.5	125.3	134.5	146.6	155.6	159.8	163.5	181.8	201.4	220.6	230.2
52.5°	203.9	227.8	257.4	277.1	290.8	318.9	358.2	376.3	393.9	413.9	428.3
50°	300.4	341.8	371.6	375.9	422.7	453.1	460.2	494.1	531.1	554.1	570.6
47.5°	446.8	499.3	525.2	541.8	598.7	661.2	661.2	680.7	773.2	821.6	844.8
45°	643.6	687.3	733.2	852.5	962.1	996.9	1071.4	1172.3	1237.8	1328.0	1427.2
42.5°	811.1	893.2	1008.2	1139.5	1249.4	1341.0	1451.6	1572.9	1718.5	1855.5	1973.7
40°	976.9	1078.5	1220.9	1363.8	1502.2	1629.1	1807.4	1963.3	2135.1	2323.5	2480.6
37.5°	1193.3	1323.4	1470.5	1650.7	1866.2	2006.9	2252.2	2476.2	2669.8	2897.3	3037.5
35°	1525.6	1695.1	1825.4	2189.6	2451.7	2616.3	2906.7	3274.9	3416.3	3702.8	3838.8
32.5°	1943.4	2168.7	2511.7	2993.8	3343.8	3646.9	4081.0	4454.6	4773.1	5060.9	5360.2
30°	2412.8	2760.5	3266.0	3906.7	4262.2	4686.7	5273.7	5716.7	6216.2	6764.5	6956.6
27.5°	2838.8	3359.6	3946.5	4465.5	4976.0	5504.7	6081.5	6650.7	7191.3	7647.6	7953.7
25°	3233.7	3864.3	4434.7	4989.3	5542.5	6138.0	6790.3	7435.9	8030.8	8500.2	8857.1
22.5°	3640.9	4307.2	4917.4	5480.2	6123.7	6798.4	7492.1	8232.6	8909.6	9396.6	9785.5
20°	4023.8	4764.9	5460.9	6101.6	6710.0	7488.8	8287.7	9073.1	9810.3	10390.5	10838.8
17.5°	4631.6	5274.9	6125.6	6957.9	7643.3	8358.7	9426.2	10236.8	11055.0	11749.8	12225.1
15°	5378.0	6085.4	6963.8	8106.9	9045.9	9865.7	10968.5	12287.2	13252.3	14139.2	14747.6
12.5°	6125.0	6925.1	7875.2	9161.7	10498.6	11464.2	12802.1	14473.1	15597.2	16970.3	17647.3
10°	6697.5	7702.3	8680.8	9854.8	11138.6	12513.7	13955.9	15519.3	17021.2	18200.3	19254.4
7.5°	6928.1	7998.3	9131.0	10328.8	11612.6	13031.7	14568.9	16195.6	17741.3	19058.4	20216.8
5°	7100.4	8197.0	9337.1	10561.9	11934.2	13416.3	14976.3	16684.2	18262.8	19674.3	20859.5
2.5°	7209.9	8316.8	9452.0	10697.2	12140.6	13666.6	15276.8	17029.9	18632.2	20085.3	21266.6
0°	7251.9	8342.7	9505.3	10787.3	12216.2	13745.8	15425.6	17199.3	18814.2	20219.2	21434.7
-2.5°	7257.6	8318.6	9508.8	10784.6	12151.8	13695.7	15395.7	17154.7	18736.8	20136.1	21362.5
-5°	7200.6	8261.2	9452.4	10708.9	12078.0	13610.2	15237.4	16937.1	18446.0	19807.9	20988.6
-7.5°	7085.1	8142.7	9307.7	10535.4	11867.5	13353.8	14916.6	16496.8	17977.1	19283.2	20410.0
-10°	6913.8	7949.2	9073.8	10270.0	11530.4	12944.1	14434.3	15944.1	17332.3	18540.2	19582.1
-12.5°	6681.7	7693.2	8767.1	9909.1	11082.4	12430.3	13837.3	15255.1	16520.4	17623.0	18558.0
-15°	6380.3	7368.2	8408.1	9488.1	10625.9	11844.8	13107.5	14408.0	15574.9	16552.8	17406.9
-17.5°	6025.4	6983.4	7971.0	8972.2	10051.8	11195.3	12367.5	13534.9	14530.2	15398.9	16179.9
-20°	5629.6	6552.6	7490.7	8424.0	9403.6	10461.2	11543.8	12569.2	13438.9	14228.3	14943.0



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	5185.8	6069.4	6968.5	7841.9	8725.2	9682.9	10649.7	11577.1	12390.6	13065.8	13686.8
-25°	4710.8	5527.2	6376.2	7195.1	8008.1	8866.3	9744.5	10597.7	11313.7	11900.0	12413.2
-27.5°	4232.1	4978.1	5726.2	6497.2	7248.6	8040.5	8835.5	9572.5	10215.3	10755.1	11186.4
-30°	3729.0	4395.9	5079.1	5776.6	6494.2	7218.9	7937.2	8582.4	9143.6	9618.4	9991.1
-32.5°	3310.8	3817.5	4420.6	5053.9	5726.5	6386.8	7011.7	7599.8	8128.6	8543.1	8859.2
-35°	2910.1	3339.1	3790.8	4351.3	4929.2	5536.8	6111.6	6636.5	7107.8	7470.1	7767.4
-37.5°	2565.5	2904.9	3286.8	3687.0	4171.5	4673.8	5192.6	5686.3	6106.6	6422.6	6688.1
-40°	2267.3	2535.3	2840.5	3157.7	3514.1	3875.0	4326.7	4743.3	5086.4	5381.8	5622.4
-42.5°	1997.7	2223.8	2449.2	2709.4	2978.4	3268.4	3585.5	3893.6	4156.9	4404.1	4608.5
-45°	1765.0	1945.6	2125.3	2326.3	2523.7	2759.6	2986.1	3188.2	3401.4	3586.5	3732.2
-47.5°	1561.5	1702.3	1856.4	2006.8	2165.3	2343.0	2511.5	2665.3	2821.5	2956.9	3065.5
-50°	1380.6	1497.4	1623.1	1741.3	1869.6	1999.5	2124.1	2246.4	2365.1	2468.1	2548.3
-52.5°	1222.3	1324.3	1422.3	1516.4	1618.4	1714.6	1804.8	1905.8	1998.6	2079.7	2134.6
-55°	1087.5	1170.8	1251.1	1329.7	1406.8	1479.7	1551.6	1630.0	1701.7	1766.1	1807.0
-57.5°	961.0	1031.9	1099.8	1164.0	1225.2	1283.2	1343.8	1404.0	1459.2	1507.9	1539.4
-60°	845.8	903.7	962.5	1014.9	1064.2	1110.5	1161.6	1209.8	1254.4	1291.8	1313.7
-62.5°	740.3	792.2	835.6	877.1	919.0	960.8	997.0	1032.6	1067.0	1096.0	1115.0
-65°	630.0	674.0	711.0	744.2	774.3	806.6	837.6	865.5	890.3	909.2	921.2
-67.5°	531.3	563.7	593.4	619.8	646.6	672.5	696.3	717.5	736.2	749.3	758.0
-70°	445.6	470.4	494.6	518.6	542.5	562.7	579.9	595.8	610.1	616.2	618.8
-72.5°	370.3	392.3	413.5	434.8	454.6	470.4	483.1	494.7	505.1	496.2	480.4
-75°	302.0	321.3	341.2	359.9	377.4	389.5	398.9	407.6	415.5	396.0	369.1
-77.5°	246.1	263.1	277.8	292.4	306.8	314.5	320.5	326.4	332.0	310.2	282.7
-80°	182.6	196.3	208.7	221.0	233.1	237.7	240.3	242.2	243.2	224.5	202.9
-82.5°	123.4	130.5	137.3	144.5	151.8	155.6	158.5	160.8	162.4	149.1	134.2
-85°	69.1	71.3	73.0	74.4	75.6	78.0	80.3	82.4	84.4	78.1	71.1
-87.5°	23.7	23.7	23.6	23.5	23.2	23.3	23.3	23.2	23.1	22.1	21.0
-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: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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	0.2	0.4
62.5°	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.2	1.1	1.2
60°	3.3	2.1	1.7	1.7	1.7	2.1	3.3	4.4	5.0	6.6	7.1
57.5°	33.9	29.6	26.6	23.9	26.6	29.6	33.9	36.4	36.5	47.3	48.8
55°	226.1	210.5	191.5	169.0	191.5	210.5	226.1	230.2	220.6	201.4	181.8
52.5°	443.5	458.3	466.8	466.0	466.8	458.3	443.5	428.3	413.9	393.9	376.3
50°	583.8	591.8	592.2	585.5	592.2	591.8	583.8	570.6	554.1	531.1	494.1
47.5°	855.3	844.1	824.8	804.1	824.8	844.1	855.3	844.8	821.6	773.2	680.7
45°	1492.5	1528.4	1526.1	1480.1	1526.1	1528.4	1492.5	1427.2	1328.0	1237.8	1172.3
42.5°	2039.7	2093.5	2131.7	2151.0	2131.7	2093.5	2039.7	1973.7	1855.5	1718.5	1572.9
40°	2569.0	2621.0	2643.9	2642.6	2643.9	2621.0	2569.0	2480.6	2323.5	2135.1	1963.3
37.5°	3128.4	3195.7	3228.4	3212.8	3228.4	3195.7	3128.4	3037.5	2897.3	2669.8	2476.2
35°	3897.7	3960.7	3961.9	3929.8	3961.9	3960.7	3897.7	3838.8	3702.8	3416.3	3274.9
32.5°	5597.9	5619.0	5457.0	5399.6	5457.0	5619.0	5597.9	5360.2	5060.9	4773.1	4454.6
30°	7147.7	7297.1	7436.2	7506.2	7436.2	7297.1	7147.7	6956.6	6764.5	6216.2	5716.7
27.5°	8184.5	8364.2	8475.7	8482.7	8475.7	8364.2	8184.5	7953.7	7647.6	7191.3	6650.7
25°	9127.5	9328.5	9450.0	9491.6	9450.0	9328.5	9127.5	8857.1	8500.2	8030.8	7435.9
22.5°	10115.5	10352.5	10509.4	10541.5	10509.4	10352.5	10115.5	9785.5	9396.6	8909.6	8232.6
20°	11261.8	11537.5	11688.0	11681.9	11688.0	11537.5	11261.8	10838.8	10390.5	9810.3	9073.1
17.5°	12770.9	13066.6	13196.5	13139.8	13196.5	13066.6	12770.9	12225.1	11749.8	11055.0	10236.8
15°	15372.2	15990.8	15988.3	15741.4	15988.3	15990.8	15372.2	14747.6	14139.2	13252.3	12287.2
12.5°	18580.9	19041.9	19514.9	19616.6	19514.9	19041.9	18580.9	17647.3	16970.3	15597.2	14473.1
10°	20142.2	20754.5	21158.5	21147.9	21158.5	20754.5	20142.2	19254.4	18200.3	17021.2	15519.3
7.5°	21119.0	21795.4	22285.1	22274.6	22285.1	21795.4	21119.0	20216.8	19058.4	17741.3	16195.6
5°	21872.8	22623.1	23056.8	23088.9	23056.8	22623.1	21872.8	20859.5	19674.3	18262.8	16684.2
2.5°	22264.5	23047.5	23568.9	23500.3	23568.9	23047.5	22264.5	21266.6	20085.3	18632.2	17029.9
0°	22428.2	23203.3	23689.8	23899.8	23689.8	23203.3	22428.2	21434.7	20219.2	18814.2	17199.3
-2.5°	22356.7	23110.9	23648.5	23669.3	23648.5	23110.9	22356.7	21362.5	20136.1	18736.8	17154.7
-5°	21973.7	22769.4	23129.7	23321.1	23129.7	22769.4	21973.7	20988.6	19807.9	18446.0	16937.1
-7.5°	21355.9	21952.3	22409.9	22621.1	22409.9	21952.3	21355.9	20410.0	19283.2	17977.1	16496.8
-10°	20394.4	21011.9	21398.6	21573.0	21398.6	21011.9	20394.4	19582.1	18540.2	17332.3	15944.1
-12.5°	19329.4	19890.5	20258.1	20405.3	20258.1	19890.5	19329.4	18558.0	17623.0	16520.4	15255.1
-15°	18141.1	18650.5	18988.9	19130.1	18988.9	18650.5	18141.1	17406.9	16552.8	15574.9	14408.0
-17.5°	16833.0	17279.4	17616.6	17718.3	17616.6	17279.4	16833.0	16179.9	15398.9	14530.2	13534.9
-20°	15487.9	15891.5	16169.2	16229.7	16169.2	15891.5	15487.9	14943.0	14228.3	13438.9	12569.2



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	14132.6	14465.1	14690.6	14766.6	14690.6	14465.1	14132.6	13686.8	13065.8	12390.6	11577.1
-25°	12808.1	13095.1	13276.7	13344.6	13276.7	13095.1	12808.1	12413.2	11900.0	11313.7	10597.7
-27.5°	11534.3	11801.8	11968.6	11990.9	11968.6	11801.8	11534.3	11186.4	10755.1	10215.3	9572.5
-30°	10280.9	10501.9	10630.4	10684.9	10630.4	10501.9	10280.9	9991.1	9618.4	9143.6	8582.4
-32.5°	9109.6	9302.6	9418.1	9448.9	9418.1	9302.6	9109.6	8859.2	8543.1	8128.6	7599.8
-35°	8003.8	8182.0	8284.4	8276.2	8284.4	8182.0	8003.8	7767.4	7470.1	7107.8	6636.5
-37.5°	6907.6	7072.1	7165.0	7156.3	7165.0	7072.1	6907.6	6688.1	6422.6	6106.6	5686.3
-40°	5820.2	5962.1	6043.9	6063.7	6043.9	5962.1	5820.2	5622.4	5381.8	5086.4	4743.3
-42.5°	4778.3	4909.3	4974.7	4949.0	4974.7	4909.3	4778.3	4608.5	4404.1	4156.9	3893.6
-45°	3834.1	3901.9	3946.4	3974.2	3946.4	3901.9	3834.1	3732.2	3586.5	3401.4	3188.2
-47.5°	3144.9	3201.1	3231.4	3236.7	3231.4	3201.1	3144.9	3065.5	2956.9	2821.5	2665.3
-50°	2610.6	2658.3	2679.4	2673.4	2679.4	2658.3	2610.6	2548.3	2468.1	2365.1	2246.4
-52.5°	2174.0	2201.7	2220.4	2229.5	2220.4	2201.7	2174.0	2134.6	2079.7	1998.6	1905.8
-55°	1837.7	1859.2	1871.8	1876.1	1871.8	1859.2	1837.7	1807.0	1766.1	1701.7	1630.0
-57.5°	1565.7	1586.3	1593.7	1591.0	1593.7	1586.3	1565.7	1539.4	1507.9	1459.2	1404.0
-60°	1330.4	1342.1	1351.0	1355.5	1351.0	1342.1	1330.4	1313.7	1291.8	1254.4	1209.8
-62.5°	1130.2	1141.2	1150.4	1155.7	1150.4	1141.2	1130.2	1115.0	1096.0	1067.0	1032.6
-65°	929.6	934.5	935.9	933.8	935.9	934.5	929.6	921.2	909.2	890.3	865.5
-67.5°	764.4	768.4	771.2	771.6	771.2	768.4	764.4	758.0	749.3	736.2	717.5
-70°	621.4	623.1	621.1	616.3	621.1	623.1	621.4	618.8	616.2	610.1	595.8
-72.5°	464.2	447.2	430.2	411.4	430.2	447.2	464.2	480.4	496.2	505.1	494.7
-75°	341.3	312.5	302.0	291.9	302.0	312.5	341.3	369.1	396.0	415.5	407.6
-77.5°	253.8	223.8	215.8	208.3	215.8	223.8	253.8	282.7	310.2	332.0	326.4
-80°	180.4	157.0	151.8	146.8	151.8	157.0	180.4	202.9	224.5	243.2	242.2
-82.5°	118.5	102.2	98.9	95.6	98.9	102.2	118.5	134.2	149.1	162.4	160.8
-85°	63.8	56.1	54.5	52.9	54.5	56.1	63.8	71.1	78.1	84.4	82.4
-87.5°	19.9	18.7	18.8	18.8	18.8	18.7	19.9	21.0	22.1	23.1	23.2
-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):

	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	0.4	0.7	1.1	1.4	1.3	1.3	1.3	1.2
85°	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7
82.5°	0.0	0.0	0.0	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.0	0.1	0.6	1.0	1.4	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.0	0.1	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.3	1.7	1.7
65°	0.4	0.3	0.4	0.8	1.3	1.7	1.7	1.6	1.5	1.8	1.7
62.5°	1.4	1.7	1.6	1.4	1.5	2.1	2.2	2.3	2.1	2.6	3.9
60°	5.6	2.8	6.1	7.2	5.6	5.5	9.6	9.0	3.5	12.8	15.5
57.5°	37.4	34.5	49.5	48.0	28.7	41.0	49.0	32.8	22.8	36.3	43.8
55°	163.5	159.8	155.6	146.6	134.5	125.3	123.5	123.2	97.8	70.9	80.5
52.5°	358.2	318.9	290.8	277.1	257.4	227.8	203.9	199.2	193.2	159.9	132.1
50°	460.2	453.1	422.7	375.9	371.6	341.8	300.4	271.7	268.0	245.2	203.1
47.5°	661.2	661.2	598.7	541.8	525.2	499.3	446.8	369.6	362.6	343.1	296.1
45°	1071.4	996.9	962.1	852.5	733.2	687.3	643.6	550.7	474.8	445.0	411.9
42.5°	1451.6	1341.0	1249.4	1139.5	1008.2	893.2	811.1	709.1	617.5	554.0	506.7
40°	1807.4	1629.1	1502.2	1363.8	1220.9	1078.5	976.9	848.7	744.2	659.1	609.0
37.5°	2252.2	2006.9	1866.2	1650.7	1470.5	1323.4	1193.3	1030.0	862.1	792.9	730.8
35°	2906.7	2616.3	2451.7	2189.6	1825.4	1695.1	1525.6	1281.2	1068.8	950.1	873.4
32.5°	4081.0	3646.9	3343.8	2993.8	2511.7	2168.7	1943.4	1671.5	1331.2	1160.5	1033.3
30°	5273.7	4686.7	4262.2	3906.7	3266.0	2760.5	2412.8	2028.0	1661.2	1383.9	1211.2
27.5°	6081.5	5504.7	4976.0	4465.5	3946.5	3359.6	2838.8	2344.7	1943.7	1633.6	1410.4
25°	6790.3	6138.0	5542.5	4989.3	4434.7	3864.3	3233.7	2678.4	2207.6	1852.9	1561.6
22.5°	7492.1	6798.4	6123.7	5480.2	4917.4	4307.2	3640.9	3002.0	2460.9	2093.6	1743.5
20°	8287.7	7488.8	6710.0	6101.6	5460.9	4764.9	4023.8	3414.7	2884.5	2381.2	1942.5
17.5°	9426.2	8358.7	7643.3	6957.9	6125.6	5274.9	4631.6	3993.0	3340.2	2685.1	2151.2
15°	10968.5	9865.7	9045.9	8106.9	6963.8	6085.4	5378.0	4602.5	3829.3	3044.8	2399.7
12.5°	12802.1	11464.2	10498.6	9161.7	7875.2	6925.1	6125.0	5257.1	4307.1	3369.9	2630.8
10°	13955.9	12513.7	11138.6	9854.8	8680.8	7702.3	6697.5	5637.6	4581.1	3615.2	2830.7
7.5°	14568.9	13031.7	11612.6	10328.8	9131.0	7998.3	6928.1	5860.8	4801.4	3806.9	2999.6
5°	14976.3	13416.3	11934.2	10561.9	9337.1	8197.0	7100.4	6011.9	4967.2	3948.2	3137.7
2.5°	15276.8	13666.6	12140.6	10697.2	9452.0	8316.8	7209.9	6100.0	5053.7	4023.9	3185.9
0°	15425.6	13745.8	12216.2	10787.3	9505.3	8342.7	7251.9	6132.0	5073.6	4056.1	3206.0
-2.5°	15395.7	13695.7	12151.8	10784.6	9508.8	8318.6	7257.6	6149.3	5079.1	4080.2	3220.2
-5°	15237.4	13610.2	12078.0	10708.9	9452.4	8261.2	7200.6	6111.7	5039.2	4061.1	3206.7
-7.5°	14916.6	13353.8	11867.5	10535.4	9307.7	8142.7	7085.1	6019.4	4958.6	3994.8	3166.6
-10°	14434.3	12944.1	11530.4	10270.0	9073.8	7949.2	6913.8	5863.5	4825.4	3886.0	3097.3
-12.5°	13837.3	12430.3	11082.4	9909.1	8767.1	7693.2	6681.7	5643.6	4640.3	3734.9	2998.5
-15°	13107.5	11844.8	10625.9	9488.1	8408.1	7368.2	6380.3	5369.9	4404.9	3540.3	2870.1
-17.5°	12367.5	11195.3	10051.8	8972.2	7971.0	6983.4	6025.4	5065.6	4142.2	3330.5	2719.9
-20°	11543.8	10461.2	9403.6	8424.0	7490.7	6552.6	5629.6	4706.5	3841.4	3134.1	2586.8



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	10649.7	9682.9	8725.2	7841.9	6968.5	6069.4	5185.8	4314.5	3493.7	2913.8	2436.0
-25°	9744.5	8866.3	8008.1	7195.1	6376.2	5527.2	4710.8	3915.3	3236.7	2705.9	2273.2
-27.5°	8835.5	8040.5	7248.6	6497.2	5726.2	4978.1	4232.1	3511.0	2958.4	2507.1	2121.4
-30°	7937.2	7218.9	6494.2	5776.6	5079.1	4395.9	3729.0	3182.8	2702.4	2294.6	1951.6
-32.5°	7011.7	6386.8	5726.5	5053.9	4420.6	3817.5	3310.8	2850.5	2435.3	2098.8	1800.5
-35°	6111.6	5536.8	4929.2	4351.3	3790.8	3339.1	2910.1	2533.6	2201.6	1903.6	1649.8
-37.5°	5192.6	4673.8	4171.5	3687.0	3286.8	2904.9	2565.5	2258.1	1971.3	1734.2	1515.8
-40°	4326.7	3875.0	3514.1	3157.7	2840.5	2535.3	2267.3	2003.2	1781.7	1573.1	1385.0
-42.5°	3585.5	3268.4	2978.4	2709.4	2449.2	2223.8	1997.7	1792.2	1598.8	1424.0	1267.8
-45°	2986.1	2759.6	2523.7	2326.3	2125.3	1945.6	1765.0	1595.6	1433.2	1290.6	1152.1
-47.5°	2511.5	2343.0	2165.3	2006.8	1856.4	1702.3	1561.5	1415.6	1289.6	1162.6	1047.1
-50°	2124.1	1999.5	1869.6	1741.3	1623.1	1497.4	1380.6	1265.8	1154.9	1049.6	944.4
-52.5°	1804.8	1714.6	1618.4	1516.4	1422.3	1324.3	1222.3	1130.0	1034.5	941.6	849.7
-55°	1551.6	1479.7	1406.8	1329.7	1251.1	1170.8	1087.5	1004.6	922.4	837.8	768.4
-57.5°	1343.8	1283.2	1225.2	1164.0	1099.8	1031.9	961.0	886.9	819.6	755.7	692.6
-60°	1161.6	1110.5	1064.2	1014.9	962.5	903.7	845.8	787.6	729.2	673.8	619.7
-62.5°	997.0	960.8	919.0	877.1	835.6	792.2	740.3	688.9	639.5	591.9	547.3
-65°	837.6	806.6	774.3	744.2	711.0	674.0	630.0	589.9	551.1	511.8	475.0
-67.5°	696.3	672.5	646.6	619.8	593.4	563.7	531.3	498.0	466.9	434.8	407.3
-70°	579.9	562.7	542.5	518.6	494.6	470.4	445.6	419.4	391.1	362.3	340.2
-72.5°	483.1	470.4	454.6	434.8	413.5	392.3	370.3	347.1	322.1	295.4	274.1
-75°	398.9	389.5	377.4	359.9	341.2	321.3	302.0	280.8	256.6	229.2	207.6
-77.5°	320.5	314.5	306.8	292.4	277.8	263.1	246.1	221.3	196.8	173.4	157.5
-80°	240.3	237.7	233.1	221.0	208.7	196.3	182.6	163.7	145.8	128.9	116.0
-82.5°	158.5	155.6	151.8	144.5	137.3	130.5	123.4	110.7	98.2	86.1	75.6
-85°	80.3	78.0	75.6	74.4	73.0	71.3	69.1	61.8	54.9	48.3	42.4
-87.5°	23.3	23.3	23.2	23.5	23.6	23.7	23.7	22.0	20.2	18.5	16.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.5
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2	1.0
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	2.1	2.2	1.7	1.7
65°	1.7	1.7	1.8	2.5	2.3	1.7	1.7	3.3	2.8	2.4	1.7
62.5°	3.3	1.7	4.4	5.9	3.8	3.1	2.5	7.1	4.6	3.2	2.3
60°	7.7	6.3	11.9	18.2	13.1	5.1	7.5	12.2	11.3	4.1	3.2
57.5°	39.5	18.0	26.6	34.7	33.1	18.6	15.1	20.9	19.0	11.1	4.4
55°	82.0	69.7	55.5	55.1	55.8	44.1	31.4	32.4	28.7	20.4	6.5
52.5°	124.5	120.8	107.5	87.6	80.4	72.7	59.5	45.9	42.6	30.5	16.0
50°	177.6	167.9	157.4	137.0	111.1	100.9	87.3	70.1	58.0	42.6	26.5
47.5°	238.3	221.4	205.5	185.8	157.4	130.6	115.4	95.2	75.0	58.5	37.2
45°	332.9	278.0	256.6	233.7	204.5	171.0	144.7	119.9	97.1	74.5	47.9
42.5°	430.1	353.7	308.9	283.1	252.5	214.8	175.2	147.3	119.0	90.4	60.4
40°	528.0	433.3	365.5	333.3	302.2	258.5	214.1	176.0	140.3	106.9	74.2
37.5°	633.7	522.5	430.7	385.5	352.7	305.5	253.5	205.2	162.3	124.8	87.9
35°	765.3	628.3	501.7	445.8	401.8	353.4	292.5	237.0	188.5	142.8	101.3
32.5°	913.3	745.0	603.4	511.6	451.7	402.2	334.2	272.9	215.4	160.8	114.5
30°	1060.5	865.2	700.0	576.8	504.9	447.9	378.5	309.0	243.0	178.8	127.9
27.5°	1172.8	968.8	790.4	655.1	563.6	493.5	422.7	345.2	270.9	198.6	142.6
25°	1287.5	1064.8	878.0	731.7	621.2	539.9	465.2	381.5	300.7	221.3	156.9
22.5°	1421.5	1156.0	952.0	801.0	682.1	587.0	505.7	418.2	330.8	243.9	170.9
20°	1552.6	1240.0	1020.1	881.8	748.8	639.6	545.4	453.2	360.2	266.1	184.4
17.5°	1687.0	1358.1	1133.0	965.5	817.6	691.6	584.7	486.4	388.8	287.7	197.4
15°	1889.5	1515.9	1246.9	1048.1	884.2	742.5	623.2	517.7	416.4	308.5	208.9
12.5°	2080.3	1664.5	1357.4	1128.8	948.0	791.9	660.4	547.0	442.8	325.8	218.5
10°	2249.0	1802.8	1463.2	1206.7	1008.7	839.3	696.2	570.0	458.3	339.7	227.1
7.5°	2395.8	1929.8	1563.0	1280.8	1060.4	871.4	714.4	582.1	470.2	351.8	234.7
5°	2508.2	2016.1	1617.9	1310.4	1079.9	886.1	727.4	591.8	479.6	362.2	241.2
2.5°	2545.3	2044.9	1639.6	1327.1	1094.1	896.6	737.4	599.2	486.8	370.7	246.6
0°	2562.4	2058.8	1650.8	1336.7	1102.8	903.1	744.3	604.3	491.7	377.3	250.9
-2.5°	2581.3	2077.8	1666.5	1351.6	1112.0	911.9	751.6	612.3	498.8	384.7	258.2
-5°	2579.9	2081.3	1671.5	1358.7	1115.6	916.6	755.8	618.0	503.9	390.1	264.2
-7.5°	2552.7	2065.2	1665.1	1357.3	1113.6	917.1	756.9	621.4	507.0	393.5	269.0
-10°	2503.9	2031.7	1646.3	1345.0	1106.3	913.1	755.1	622.4	508.3	395.0	272.4
-12.5°	2435.2	1984.0	1616.1	1324.9	1093.1	904.6	749.6	619.5	507.5	394.5	274.3
-15°	2346.9	1922.6	1574.5	1297.1	1074.1	891.8	740.7	613.5	503.1	391.6	274.7
-17.5°	2240.1	1848.1	1521.3	1261.6	1049.2	875.0	728.5	605.2	497.1	386.6	274.2
-20°	2141.1	1769.6	1460.0	1218.5	1018.4	854.0	713.0	594.6	489.6	380.2	272.9

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Scaled Data Report



REPORT NUMBER: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	2030.3	1688.1	1405.5	1177.2	985.8	828.9	694.1	581.7	480.7	372.7	270.4
-25°	1903.6	1595.7	1343.4	1131.3	954.1	804.9	674.7	566.5	470.5	364.2	266.8
-27.5°	1784.5	1500.5	1273.7	1078.3	917.5	777.3	655.5	552.5	458.7	354.7	262.1
-30°	1662.9	1417.5	1206.9	1022.8	877.1	746.5	633.9	537.5	445.3	346.3	256.3
-32.5°	1539.4	1327.0	1135.4	974.7	838.0	713.4	610.4	521.4	431.4	338.1	251.4
-35°	1433.2	1238.1	1058.7	923.0	797.9	685.2	586.9	504.3	417.0	328.7	246.2
-37.5°	1320.2	1147.8	998.9	871.6	755.0	654.4	564.3	484.2	402.3	318.2	239.8
-40°	1219.0	1063.6	934.5	821.9	716.3	621.2	539.1	462.7	388.5	306.7	232.4
-42.5°	1116.0	987.1	871.7	768.4	677.4	590.7	511.8	439.8	370.6	296.0	224.0
-45°	1025.8	908.7	806.8	719.9	636.8	557.4	485.0	416.0	351.4	285.1	215.1
-47.5°	932.5	833.1	746.2	669.2	596.9	522.9	456.8	393.9	331.6	272.9	206.0
-50°	845.5	761.6	689.2	620.3	552.8	490.6	428.5	371.2	313.5	256.8	195.9
-52.5°	768.1	698.2	633.8	571.0	513.1	456.9	403.2	348.2	294.7	240.9	184.6
-55°	699.8	637.4	579.5	525.2	473.3	426.8	377.3	326.5	275.1	224.4	172.6
-57.5°	634.4	578.2	528.9	480.6	436.3	396.0	352.1	304.0	255.3	207.1	161.9
-60°	568.5	523.3	479.5	439.0	400.7	364.1	326.8	280.8	234.7	189.3	149.0
-62.5°	505.5	467.5	433.8	398.1	363.1	330.8	300.6	256.8	213.4	171.8	134.7
-65°	443.5	414.5	387.3	353.8	323.3	296.4	271.3	232.0	190.9	153.1	119.7
-67.5°	382.2	358.3	334.0	306.8	284.2	262.2	240.0	204.5	167.1	133.4	104.6
-70°	320.4	300.1	282.7	265.4	246.7	227.3	205.1	174.8	142.1	114.7	89.0
-72.5°	259.8	247.3	236.9	224.7	208.8	190.5	169.7	145.0	119.6	95.5	72.8
-75°	200.1	197.5	194.3	186.5	171.2	154.0	137.3	118.3	96.5	75.8	59.4
-77.5°	157.6	156.5	154.4	148.9	135.5	121.5	106.9	91.0	74.4	60.2	46.6
-80°	116.7	116.6	115.5	112.2	100.8	88.9	78.8	68.6	56.4	44.7	33.7
-82.5°	76.7	77.9	78.4	77.3	69.6	62.0	54.7	47.4	38.0	29.1	22.5
-85°	43.8	44.6	44.8	44.3	39.5	34.9	31.8	28.7	23.7	19.2	15.1
-87.5°	18.2	19.2	20.0	20.5	19.0	17.5	15.9	14.4	11.9	9.6	7.6
-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: P627282 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	0.4	0.4	0.3	0.2	0.1	0.1	0.0
85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
80°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
77.5°	1.7	1.7	1.5	1.1	0.7	0.4	0.0
75°	1.7	1.7	1.7	1.3	0.9	0.4	0.0
72.5°	1.7	1.7	1.7	1.5	1.0	0.5	0.0
70°	1.7	1.7	1.7	1.7	1.2	0.6	0.0
67.5°	1.9	1.7	1.7	1.7	1.3	0.7	0.0
65°	2.1	1.9	1.7	1.7	1.4	0.7	0.0
62.5°	2.3	2.3	1.7	1.7	1.6	0.8	0.0
60°	2.7	2.7	1.7	1.7	1.7	0.8	0.0
57.5°	4.6	3.2	2.2	1.7	1.7	0.9	0.0
55°	7.0	3.7	2.7	1.7	1.7	1.0	0.0
52.5°	9.8	4.7	3.2	1.7	1.8	1.0	0.0
50°	13.0	7.7	3.8	1.7	1.8	1.1	0.0
47.5°	17.3	10.8	4.4	1.8	1.9	1.1	0.0
45°	26.6	14.2	5.0	2.3	1.9	1.2	0.0
42.5°	35.8	17.7	5.6	2.8	2.0	1.3	0.0
40°	45.0	21.5	7.4	3.4	2.0	1.3	0.0
37.5°	54.1	25.4	10.3	4.1	2.1	1.3	0.0
35°	63.1	31.5	13.3	4.9	2.2	1.4	0.0
32.5°	72.6	38.7	16.3	5.8	2.2	1.4	0.0
30°	83.3	45.6	19.3	6.7	2.3	1.5	0.0
27.5°	93.6	52.3	22.7	7.6	2.4	1.5	0.0
25°	103.6	58.8	26.2	8.7	2.5	1.5	0.0
22.5°	113.1	65.1	29.5	9.7	2.6	1.6	0.0
20°	122.3	71.3	32.8	10.8	2.7	1.6	0.0
17.5°	130.7	77.0	35.9	11.9	2.8	1.6	0.0
15°	138.5	82.5	38.9	12.9	2.9	1.6	0.0
12.5°	145.6	87.5	41.7	14.0	3.0	1.7	0.0
10°	152.0	92.0	44.4	15.1	3.1	1.7	0.0
7.5°	157.8	96.2	46.8	16.1	3.2	1.7	0.0
5°	162.8	99.9	49.1	17.1	3.2	1.7	0.0
2.5°	167.1	103.1	51.1	18.0	3.3	1.7	0.0
0°	170.7	105.8	52.9	18.8	3.4	1.7	0.0
-2.5°	175.4	109.1	55.3	20.0	3.9	1.8	0.0
-5°	179.2	112.0	57.5	21.1	4.4	1.9	0.0
-7.5°	182.2	114.2	59.3	22.1	4.9	2.0	0.0
-10°	184.4	115.9	60.8	22.9	5.4	2.1	0.0
-12.5°	185.7	117.1	61.9	23.7	5.9	2.2	0.0
-15°	186.1	117.6	62.6	24.3	6.3	2.3	0.0
-17.5°	185.6	117.5	63.0	24.7	6.7	2.4	0.0
-20°	185.1	116.9	62.9	25.1	7.0	2.4	0.0

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CATALOG NUMBER: GFLD-SA3E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	185.2	115.6	62.4	25.2	7.3	2.5	0.0
-25°	184.3	115.2	61.4	25.2	7.6	2.5	0.0
-27.5°	182.6	114.7	60.0	25.0	7.8	2.6	0.0
-30°	179.9	113.4	58.3	24.7	8.0	2.6	0.0
-32.5°	176.2	111.5	57.6	24.1	8.2	2.6	0.0
-35°	172.8	108.8	56.4	23.4	8.2	2.6	0.0
-37.5°	168.9	105.9	54.7	22.6	8.3	2.6	0.0
-40°	164.0	103.3	52.5	21.5	8.2	2.6	0.0
-42.5°	158.2	100.1	51.0	20.5	8.2	2.5	0.0
-45°	151.4	96.2	50.0	19.7	8.0	2.5	0.0
-47.5°	143.8	91.6	48.4	18.7	7.8	2.4	0.0
-50°	137.1	86.5	46.4	18.3	7.6	2.3	0.0
-52.5°	129.9	80.7	43.9	18.1	7.3	2.3	0.0
-55°	121.9	75.9	40.8	17.6	7.0	2.2	0.0
-57.5°	113.1	70.8	37.3	16.9	6.6	2.1	0.0
-60°	103.7	64.9	33.5	15.9	6.1	2.0	0.0
-62.5°	94.7	58.4	31.1	14.8	5.7	1.8	0.0
-65°	84.7	51.2	28.5	13.5	5.3	1.7	0.0
-67.5°	73.9	44.9	25.5	12.0	4.9	1.6	0.0
-70°	62.3	39.3	22.1	10.3	4.4	1.4	0.0
-72.5°	52.9	33.4	18.6	9.1	3.9	1.2	0.0
-75°	43.5	27.0	14.7	7.9	3.4	1.1	0.0
-77.5°	33.5	20.4	12.2	6.7	2.9	0.9	0.0
-80°	23.1	15.6	9.9	5.4	2.3	0.7	0.0
-82.5°	17.0	11.8	7.5	4.1	1.8	0.6	0.0
-85°	11.4	7.9	5.0	2.8	1.2	0.4	0.0
-87.5°	5.7	4.0	2.5	1.4	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)