

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: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-735-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N143  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

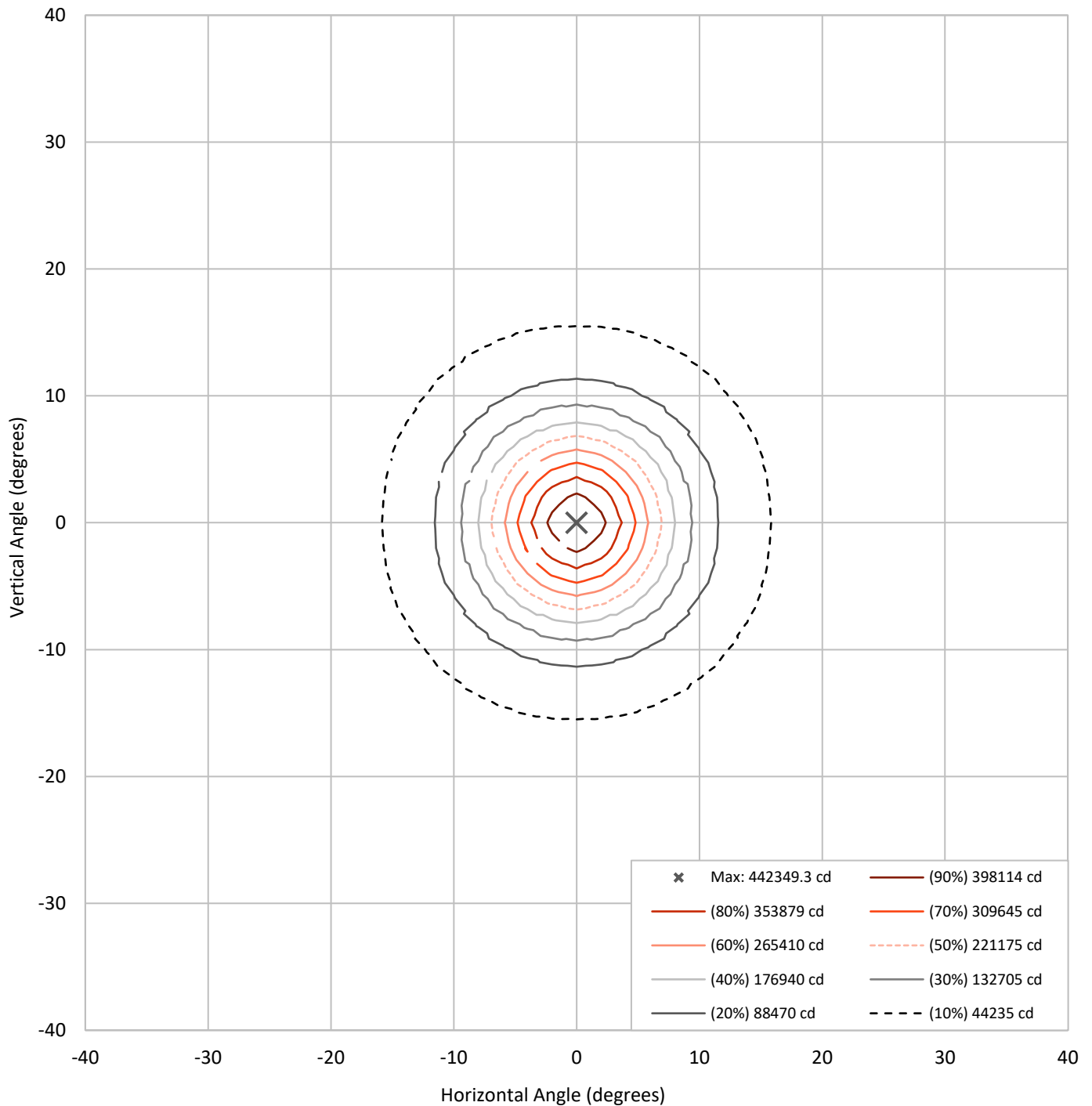
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	46971 lumens	Max Intensity:	442349.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	13887.2 lumens	Field Lumens:	31252 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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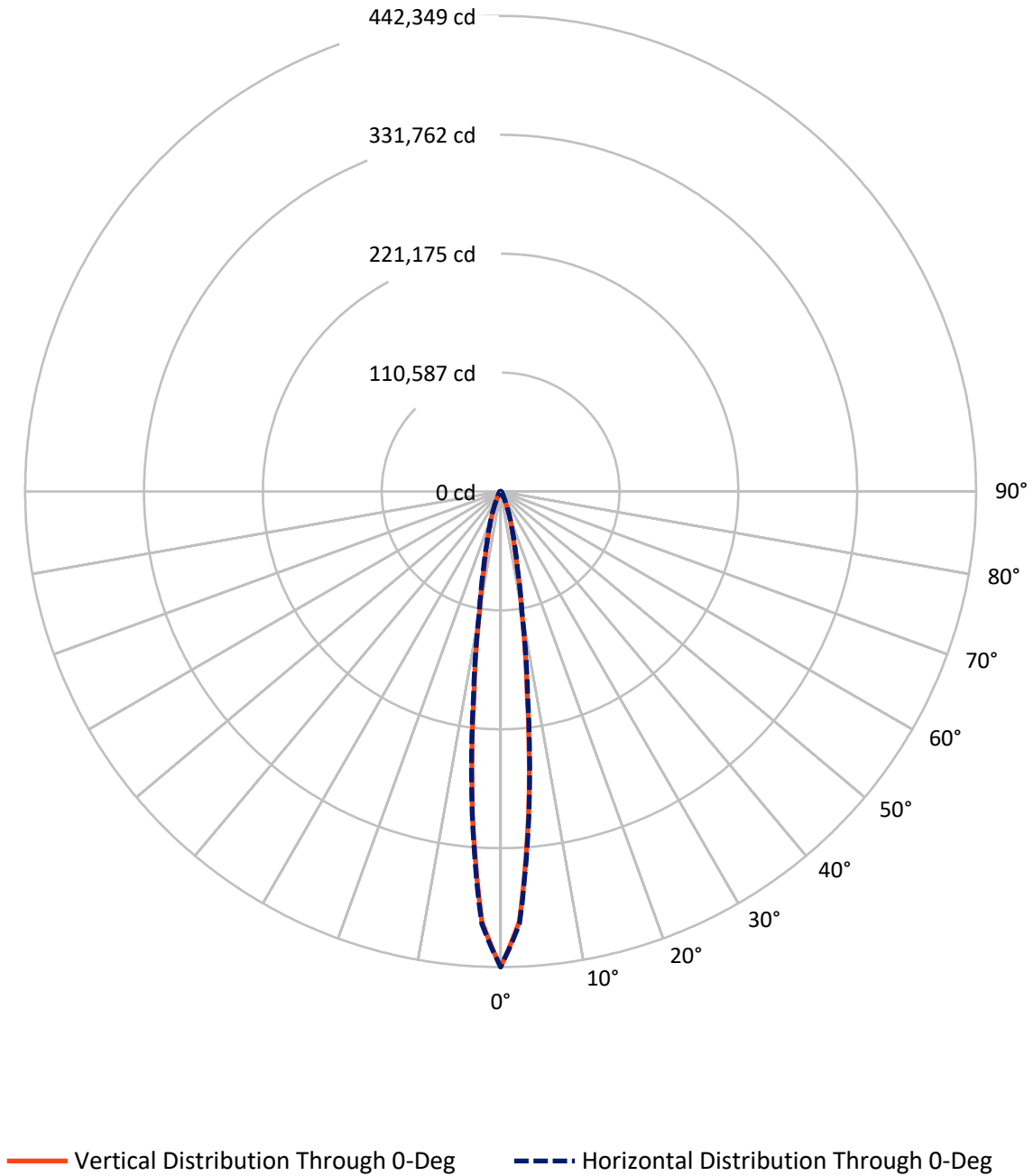
CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

### Lumen Table

90																			
80	0.8	6.4		16.9		27.3		29.9		27.3		16.9		6.4		0.8			
70																			
60	2.9	3.3	6.8	11.1	15.7	19.3	21.7	22.7	22.7	21.7	19.3	15.7	11.1	6.8	3.3	2.9			
50		5.0	10.2	16.5	22.2	27.1	30.3	31.6	31.6	30.3	27.1	22.2	16.5	10.2	5.0				
40	5.1	6.5	13.2	20.4	27.1	34.1	40.2	43.4	43.4	40.2	34.1	27.1	20.4	13.2	6.5	5.1			
30		7.9	15.5	23.6	33.4	48.0	67.7	83.8	83.8	67.7	48.0	33.4	23.6	15.5	7.9				
20	6.7	8.9	17.0	26.6	43.2	85.8	195.4	323.5	323.5	195.4	85.8	43.2	26.6	17.0	8.9	6.7			
10		9.5	17.8	29.3	57.4	182.2	647.1	1393.7	1393.7	647.1	182.2	57.4	29.3	17.8	9.5				
0	7.1	9.8	18.2	31.1	69.4	300.3	1406.7	6076.8	6076.8	1406.7	300.3	69.4	31.1	18.2	9.8	7.1			
-10		9.8	18.2	31.1	69.4	300.3	1406.7	6076.8	6076.8	1406.7	300.3	69.4	31.1	18.2	9.8				
-20	6.7	9.5	17.8	29.3	57.4	182.2	647.1	1393.7	1393.7	647.1	182.2	57.4	29.3	17.8	9.5	6.7			
-30		8.9	17.0	26.6	43.2	85.8	195.4	323.5	323.5	195.4	85.8	43.2	26.6	17.0	8.9				
-40	5.1	7.9	15.5	23.6	33.4	48.0	67.7	83.8	83.8	67.7	48.0	33.4	23.6	15.5	7.9	5.1			
-50		6.5	13.2	20.4	27.1	34.1	40.2	43.4	43.4	40.2	34.1	27.1	20.4	13.2	6.5				
-60	2.9	5.0	10.2	16.5	22.2	27.1	30.3	31.6	31.6	30.3	27.1	22.2	16.5	10.2	5.0	2.9			
-70		3.3	6.8	11.1	15.7	19.3	21.7	22.7	22.7	21.7	19.3	15.7	11.1	6.8	3.3				
-80																			
-90	0.8	6.4		16.9		27.3		29.9		27.3		16.9		6.4		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

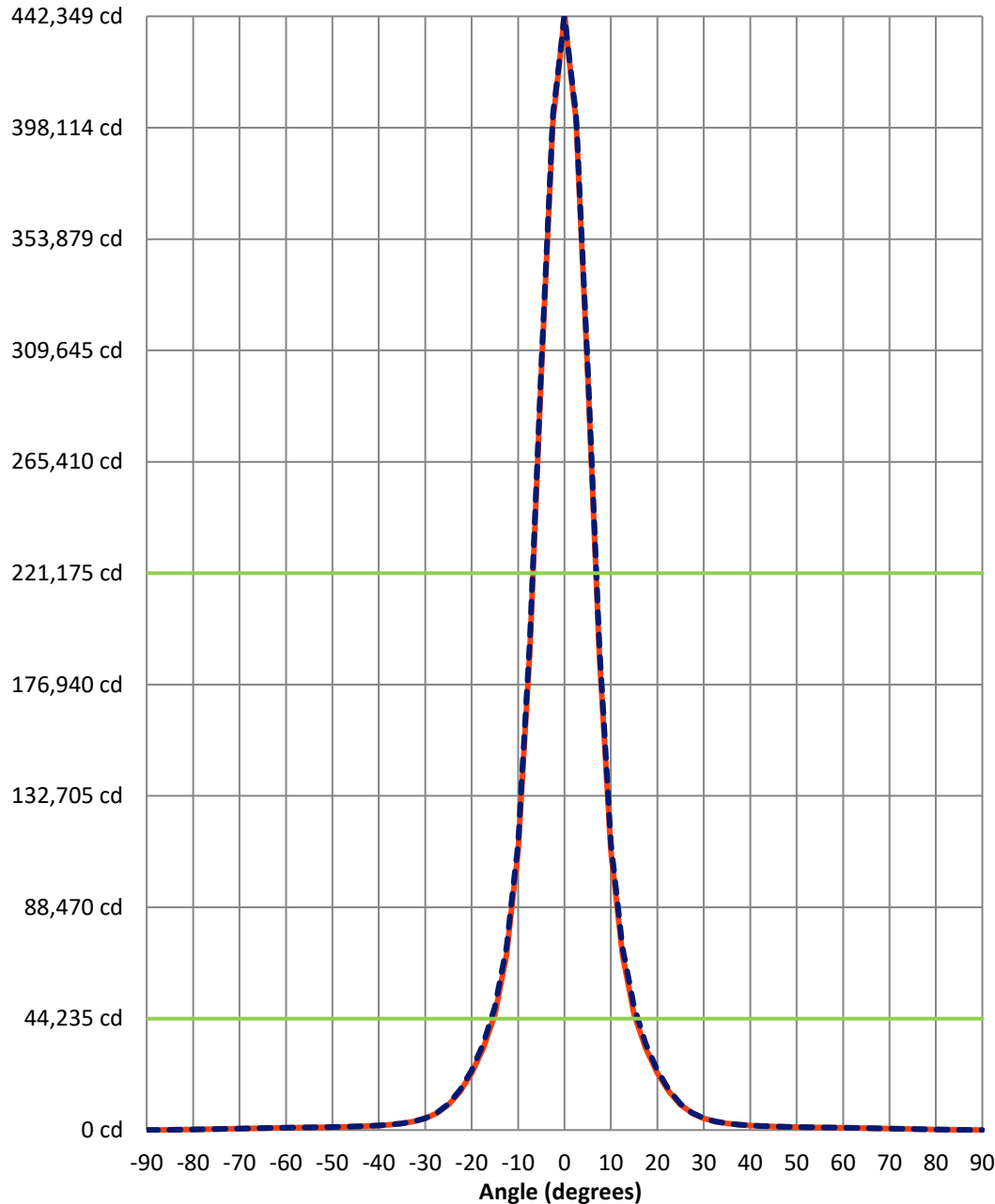
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 13887.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 31252  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 15719  
 Efficiency: 33.5%

— 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	1.4	3.3	4.9	6.6	8.2	9.8	11.4	13.0	14.5	16.0
85°	0.0	2.9	6.6	9.9	13.1	16.4	19.6	22.8	25.9	29.0	32.0
82.5°	0.0	4.3	9.9	14.8	19.7	24.5	29.3	34.1	39.2	46.2	53.0
80°	0.0	5.7	13.1	19.7	26.2	32.7	39.6	49.1	58.5	67.7	76.8
77.5°	0.0	7.1	16.3	24.5	32.7	41.9	54.0	65.9	77.6	89.1	101.4
75°	0.0	8.5	19.4	29.3	39.5	53.3	68.2	82.6	96.9	112.9	128.7
72.5°	0.0	9.9	22.5	34.1	48.1	64.5	82.1	99.8	118.8	137.4	155.8
70°	0.0	11.2	25.5	39.1	56.6	75.5	96.1	118.8	140.4	161.7	185.7
67.5°	0.0	12.5	28.4	45.1	64.9	86.2	111.9	137.4	161.7	189.0	215.9
65°	0.0	13.8	31.3	50.9	72.9	97.9	127.5	155.8	185.7	215.9	247.6
62.5°	0.0	15.1	34.0	56.6	80.8	110.6	142.7	175.7	209.2	243.3	283.2
60°	0.0	16.3	36.6	62.2	88.4	123.0	157.5	195.9	232.2	273.9	317.8
57.5°	0.0	17.4	40.0	67.5	98.0	135.1	173.9	215.5	257.5	303.6	351.2
55°	0.0	18.5	43.4	72.7	107.4	146.9	190.1	234.3	282.5	332.1	383.4
52.5°	0.0	19.6	46.6	77.7	116.4	158.5	205.7	254.7	306.6	359.6	414.3
50°	0.0	20.6	49.8	82.4	125.2	171.1	220.9	274.6	329.6	385.8	443.9
47.5°	0.0	21.5	52.9	87.4	133.7	183.2	235.7	293.8	351.6	410.7	472.9
45°	0.0	22.5	55.9	93.4	141.7	194.9	251.5	312.3	372.7	436.2	501.3
42.5°	0.0	23.3	58.7	99.2	149.5	206.0	266.6	330.0	392.9	461.0	528.9
40°	0.0	24.1	61.5	104.9	157.4	216.6	281.0	346.8	412.8	485.0	555.7
37.5°	0.0	24.8	64.1	110.3	165.4	226.6	294.6	362.7	432.6	507.3	581.7
35°	0.0	25.5	66.7	115.5	172.9	236.9	307.5	377.8	451.1	528.3	606.7
32.5°	0.0	26.1	69.0	120.3	180.0	246.9	319.5	391.9	468.1	548.1	628.4
30°	0.0	26.7	71.3	124.8	186.5	256.2	330.7	405.2	483.6	566.4	648.2
27.5°	0.0	27.1	73.4	129.0	192.9	264.8	341.1	417.8	498.0	583.2	666.0
25°	0.0	27.6	75.4	132.9	198.8	272.6	350.6	429.1	511.6	598.0	681.7
22.5°	0.0	27.9	77.2	136.4	204.2	279.7	359.1	439.2	523.8	610.8	695.3
20°	0.0	28.2	78.8	139.5	209.0	285.8	366.8	448.0	534.6	621.9	707.7
17.5°	0.0	28.4	80.3	142.3	213.3	291.0	373.1	455.5	544.0	631.2	718.6
15°	0.0	28.6	81.6	144.8	217.1	295.3	378.3	462.2	551.9	638.7	728.0
12.5°	0.0	28.7	82.7	146.9	220.2	298.8	382.5	468.4	558.6	644.6	735.9
10°	0.0	28.8	83.6	148.6	222.8	301.3	385.7	473.6	563.8	650.9	743.4
7.5°	0.0	28.8	84.3	149.9	224.9	303.0	387.9	477.7	567.3	656.2	752.2
5°	0.0	28.7	84.9	150.8	226.3	303.9	389.1	480.8	569.2	660.1	759.2
2.5°	0.0	28.6	85.2	151.4	227.2	304.0	389.4	482.7	569.6	662.6	764.4
0°	0.0	28.4	85.3	151.6	227.5	303.3	388.6	483.3	568.6	663.4	767.7
-2.5°	0.0	28.6	85.2	151.4	227.2	304.0	389.4	482.7	569.6	662.6	764.4
-5°	0.0	28.7	84.9	150.8	226.3	303.9	389.1	480.8	569.2	660.1	759.2
-7.5°	0.0	28.8	84.3	149.9	224.9	303.0	387.9	477.7	567.3	656.2	752.2
-10°	0.0	28.8	83.6	148.6	222.8	301.3	385.7	473.6	563.8	650.9	743.4
-12.5°	0.0	28.7	82.7	146.9	220.2	298.8	382.5	468.4	558.6	644.6	735.9
-15°	0.0	28.6	81.6	144.8	217.1	295.3	378.3	462.2	551.9	638.7	728.0
-17.5°	0.0	28.4	80.3	142.3	213.3	291.0	373.1	455.5	544.0	631.2	718.6
-20°	0.0	28.2	78.8	139.5	209.0	285.8	366.8	448.0	534.6	621.9	707.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.9	77.2	136.4	204.2	279.7	359.1	439.2	523.8	610.8	695.3
-25°	0.0	27.6	75.4	132.9	198.8	272.6	350.6	429.1	511.6	598.0	681.7
-27.5°	0.0	27.1	73.4	129.0	192.9	264.8	341.1	417.8	498.0	583.2	666.0
-30°	0.0	26.7	71.3	124.8	186.5	256.2	330.7	405.2	483.6	566.4	648.2
-32.5°	0.0	26.1	69.0	120.3	180.0	246.9	319.5	391.9	468.1	548.1	628.4
-35°	0.0	25.5	66.7	115.5	172.9	236.9	307.5	377.8	451.1	528.3	606.7
-37.5°	0.0	24.8	64.1	110.3	165.4	226.6	294.6	362.7	432.6	507.3	581.7
-40°	0.0	24.1	61.5	104.9	157.4	216.6	281.0	346.8	412.8	485.0	555.7
-42.5°	0.0	23.3	58.7	99.2	149.5	206.0	266.6	330.0	392.9	461.0	528.9
-45°	0.0	22.5	55.9	93.4	141.7	194.9	251.5	312.3	372.7	436.2	501.3
-47.5°	0.0	21.5	52.9	87.4	133.7	183.2	235.7	293.8	351.6	410.7	472.9
-50°	0.0	20.6	49.8	82.4	125.2	171.1	220.9	274.6	329.6	385.8	443.9
-52.5°	0.0	19.6	46.6	77.7	116.4	158.5	205.7	254.7	306.6	359.6	414.3
-55°	0.0	18.5	43.4	72.7	107.4	146.9	190.1	234.3	282.5	332.1	383.4
-57.5°	0.0	17.4	40.0	67.5	98.0	135.1	173.9	215.5	257.5	303.6	351.2
-60°	0.0	16.3	36.6	62.2	88.4	123.0	157.5	195.9	232.2	273.9	317.8
-62.5°	0.0	15.1	34.0	56.6	80.8	110.6	142.7	175.7	209.2	243.3	283.2
-65°	0.0	13.8	31.3	50.9	72.9	97.9	127.5	155.8	185.7	215.9	247.6
-67.5°	0.0	12.5	28.4	45.1	64.9	86.2	111.9	137.4	161.7	189.0	215.9
-70°	0.0	11.2	25.5	39.1	56.6	75.5	96.1	118.8	140.4	161.7	185.7
-72.5°	0.0	9.9	22.5	34.1	48.1	64.5	82.1	99.8	118.8	137.4	155.8
-75°	0.0	8.5	19.4	29.3	39.5	53.3	68.2	82.6	96.9	112.9	128.7
-77.5°	0.0	7.1	16.3	24.5	32.7	41.9	54.0	65.9	77.6	89.1	101.4
-80°	0.0	5.7	13.1	19.7	26.2	32.7	39.6	49.1	58.5	67.7	76.8
-82.5°	0.0	4.3	9.9	14.8	19.7	24.5	29.3	34.1	39.2	46.2	53.0
-85°	0.0	2.9	6.6	9.9	13.1	16.4	19.6	22.8	25.9	29.0	32.0
-87.5°	0.0	1.4	3.3	4.9	6.6	8.2	9.8	11.4	13.0	14.5	16.0
-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°	17.5	18.9	20.4	21.7	23.1	24.4	25.6	26.8	27.9	29.0	30.1
85°	35.0	37.9	42.1	46.2	49.7	52.8	55.4	57.5	61.4	65.6	69.8
82.5°	59.6	66.2	72.5	78.7	83.0	86.4	89.6	94.5	102.8	110.9	118.2
80°	85.7	94.4	104.2	113.8	122.0	130.3	138.8	147.6	156.8	165.5	173.8
77.5°	114.3	127.0	139.3	151.3	163.3	176.2	188.6	200.6	212.1	223.1	233.5
75°	144.2	159.4	176.1	192.5	208.6	224.1	239.3	255.5	271.0	285.9	300.0
72.5°	175.7	195.9	215.6	234.8	255.6	276.0	295.6	314.6	333.0	352.4	372.7
70°	209.2	232.2	257.9	282.5	305.7	330.0	354.3	375.2	395.2	421.8	449.1
67.5°	243.6	274.8	303.8	331.5	362.5	391.1	415.9	442.5	470.9	501.6	528.6
65°	284.3	318.1	351.8	386.9	422.7	452.4	483.5	516.4	548.6	579.2	608.4
62.5°	324.3	362.5	401.3	439.6	476.4	512.1	549.5	586.2	621.5	657.2	688.6
60°	362.9	406.4	447.3	487.3	528.9	573.3	614.8	655.4	697.7	738.1	759.2
57.5°	400.3	446.6	489.4	534.3	583.2	633.3	676.8	722.9	759.2	787.2	814.5
55°	435.4	483.5	530.4	580.9	634.0	686.1	734.6	775.6	809.1	834.8	863.7
52.5°	468.2	519.0	570.0	625.2	681.5	737.1	787.8	826.3	856.4	882.7	909.8
50°	500.4	553.8	607.7	668.2	728.6	787.7	837.4	872.5	901.0	927.9	955.9
47.5°	532.1	588.1	646.2	710.7	776.0	833.1	880.2	912.3	941.1	972.7	1003.3
45°	563.2	623.8	685.4	754.5	820.2	875.2	915.3	947.5	982.9	1017.1	1049.9
42.5°	593.6	659.0	725.7	797.3	860.9	910.5	947.8	985.9	1024.1	1060.5	1097.5
40°	624.2	692.7	763.4	834.7	898.6	941.4	981.0	1022.0	1064.1	1103.7	1144.7
37.5°	653.6	724.5	797.3	869.4	927.5	970.8	1011.9	1057.2	1101.6	1144.8	1198.2
35°	681.5	753.3	826.8	896.5	952.5	997.3	1043.3	1090.9	1137.6	1193.4	1254.3
32.5°	706.4	779.3	853.8	918.8	973.5	1021.9	1073.4	1123.2	1179.2	1242.4	1315.4
30°	727.4	802.0	876.8	940.2	993.7	1044.9	1100.8	1155.7	1221.2	1297.2	1384.0
27.5°	745.8	822.3	895.1	958.6	1013.0	1063.9	1122.8	1192.1	1267.2	1352.4	1454.4
25°	763.0	843.0	912.4	975.4	1028.3	1081.6	1144.6	1221.2	1311.6	1414.3	1539.2
22.5°	779.4	862.8	930.0	991.3	1040.4	1097.9	1168.9	1252.2	1350.5	1470.8	1622.8
20°	794.9	877.6	944.0	1003.9	1049.4	1112.1	1190.3	1279.3	1391.0	1534.5	1710.2
17.5°	809.3	890.2	955.0	1011.3	1061.2	1127.3	1209.1	1301.4	1426.2	1592.3	1790.6
15°	822.3	900.9	963.8	1017.3	1071.8	1143.2	1228.8	1328.7	1465.0	1647.3	1861.8
12.5°	833.8	909.4	970.6	1022.0	1080.3	1156.1	1246.3	1357.2	1506.8	1701.5	1952.0
10°	843.6	916.0	975.3	1025.2	1086.6	1166.1	1260.9	1380.3	1540.1	1743.4	2021.5
7.5°	852.0	921.3	978.6	1026.9	1090.8	1173.1	1272.3	1398.0	1563.5	1773.3	2071.6
5°	857.9	925.5	982.5	1032.8	1097.2	1178.6	1280.6	1410.1	1577.2	1791.0	2102.8
2.5°	861.3	928.0	984.9	1038.4	1104.1	1183.2	1286.8	1423.4	1588.2	1808.3	2126.6
0°	862.4	928.8	985.7	1042.5	1108.9	1184.7	1288.9	1431.1	1592.2	1819.7	2141.9
-2.5°	861.3	928.0	984.9	1038.4	1104.1	1183.2	1286.8	1423.4	1588.2	1808.3	2126.6
-5°	857.9	925.5	982.5	1032.8	1097.2	1178.6	1280.6	1410.1	1577.2	1791.0	2102.8
-7.5°	852.0	921.3	978.6	1026.9	1090.8	1173.1	1272.3	1398.0	1563.5	1773.3	2071.6
-10°	843.6	916.0	975.3	1025.2	1086.6	1166.1	1260.9	1380.3	1540.1	1743.4	2021.5
-12.5°	833.8	909.4	970.6	1022.0	1080.3	1156.1	1246.3	1357.2	1506.8	1701.5	1952.0
-15°	822.3	900.9	963.8	1017.3	1071.8	1143.2	1228.8	1328.7	1465.0	1647.3	1861.8
-17.5°	809.3	890.2	955.0	1011.3	1061.2	1127.3	1209.1	1301.4	1426.2	1592.3	1790.6
-20°	794.9	877.6	944.0	1003.9	1049.4	1112.1	1190.3	1279.3	1391.0	1534.5	1710.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	779.4	862.8	930.0	991.3	1040.4	1097.9	1168.9	1252.2	1350.5	1470.8	1622.8
-25°	763.0	843.0	912.4	975.4	1028.3	1081.6	1144.6	1221.2	1311.6	1414.3	1539.2
-27.5°	745.8	822.3	895.1	958.6	1013.0	1063.9	1122.8	1192.1	1267.2	1352.4	1454.4
-30°	727.4	802.0	876.8	940.2	993.7	1044.9	1100.8	1155.7	1221.2	1297.2	1384.0
-32.5°	706.4	779.3	853.8	918.8	973.5	1021.9	1073.4	1123.2	1179.2	1242.4	1315.4
-35°	681.5	753.3	826.8	896.5	952.5	997.3	1043.3	1090.9	1137.6	1193.4	1254.3
-37.5°	653.6	724.5	797.3	869.4	927.5	970.8	1011.9	1057.2	1101.6	1144.8	1198.2
-40°	624.2	692.7	763.4	834.7	898.6	941.4	981.0	1022.0	1064.1	1103.7	1144.7
-42.5°	593.6	659.0	725.7	797.3	860.9	910.5	947.8	985.9	1024.1	1060.5	1097.5
-45°	563.2	623.8	685.4	754.5	820.2	875.2	915.3	947.5	982.9	1017.1	1049.9
-47.5°	532.1	588.1	646.2	710.7	776.0	833.1	880.2	912.3	941.1	972.7	1003.3
-50°	500.4	553.8	607.7	668.2	728.6	787.7	837.4	872.5	901.0	927.9	955.9
-52.5°	468.2	519.0	570.0	625.2	681.5	737.1	787.8	826.3	856.4	882.7	909.8
-55°	435.4	483.5	530.4	580.9	634.0	686.1	734.6	775.6	809.1	834.8	863.7
-57.5°	400.3	446.6	489.4	534.3	583.2	633.3	676.8	722.9	759.2	787.2	814.5
-60°	362.9	406.4	447.3	487.3	528.9	573.3	614.8	655.4	697.7	738.1	759.2
-62.5°	324.3	362.5	401.3	439.6	476.4	512.1	549.5	586.2	621.5	657.2	688.6
-65°	284.3	318.1	351.8	386.9	422.7	452.4	483.5	516.4	548.6	579.2	608.4
-67.5°	243.6	274.8	303.8	331.5	362.5	391.1	415.9	442.5	470.9	501.6	528.6
-70°	209.2	232.2	257.9	282.5	305.7	330.0	354.3	375.2	395.2	421.8	449.1
-72.5°	175.7	195.9	215.6	234.8	255.6	276.0	295.6	314.6	333.0	352.4	372.7
-75°	144.2	159.4	176.1	192.5	208.6	224.1	239.3	255.5	271.0	285.9	300.0
-77.5°	114.3	127.0	139.3	151.3	163.3	176.2	188.6	200.6	212.1	223.1	233.5
-80°	85.7	94.4	104.2	113.8	122.0	130.3	138.8	147.6	156.8	165.5	173.8
-82.5°	59.6	66.2	72.5	78.7	83.0	86.4	89.6	94.5	102.8	110.9	118.2
-85°	35.0	37.9	42.1	46.2	49.7	52.8	55.4	57.5	61.4	65.6	69.8
-87.5°	17.5	18.9	20.4	21.7	23.1	24.4	25.6	26.8	27.9	29.0	30.1
-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: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-NR-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°	31.0	32.0	32.8	33.6	34.3	35.0	35.6	36.1	36.6	34.7	32.7
85°	74.1	76.9	79.5	81.9	84.1	86.1	87.9	89.5	90.9	89.8	88.4
82.5°	124.9	129.8	134.3	138.5	142.4	145.9	149.0	151.8	154.3	154.1	153.4
80°	181.6	189.8	198.0	206.0	213.9	218.8	222.2	224.9	226.6	227.5	227.7
77.5°	244.1	256.7	269.8	282.8	295.4	302.7	307.9	312.2	315.6	316.4	315.7
75°	313.3	329.6	347.5	363.2	376.7	385.0	390.8	395.7	399.7	400.7	400.2
72.5°	393.9	413.9	430.0	443.2	454.6	463.6	470.8	477.0	482.0	484.1	484.3
70°	473.1	492.9	508.1	521.5	532.7	542.0	550.7	558.1	564.3	568.8	572.1
67.5°	553.3	575.9	591.5	603.7	613.3	623.0	634.6	644.6	652.9	658.6	661.3
65°	635.7	659.0	674.1	687.4	699.1	711.4	724.3	733.7	739.9	743.8	746.3
62.5°	715.4	737.2	756.2	773.8	790.7	804.8	813.6	821.5	828.2	833.9	838.2
60°	783.9	811.7	832.9	849.8	866.3	882.3	893.1	901.7	908.4	913.4	916.5
57.5°	842.4	870.6	895.7	912.1	930.0	949.1	961.7	968.9	975.6	981.2	983.9
55°	893.4	919.5	942.6	965.0	985.2	1002.4	1015.7	1025.4	1033.6	1040.1	1042.3
52.5°	939.4	967.8	995.0	1018.8	1038.5	1054.9	1068.1	1080.2	1089.5	1095.7	1098.5
50°	987.7	1018.3	1047.4	1073.4	1093.7	1112.1	1128.6	1142.9	1156.5	1167.2	1175.0
47.5°	1035.2	1067.8	1099.9	1128.6	1153.0	1179.7	1203.6	1223.9	1243.7	1259.8	1270.9
45°	1083.2	1120.8	1155.7	1192.7	1225.7	1260.6	1293.1	1321.1	1349.9	1371.6	1386.3
42.5°	1136.4	1179.2	1221.2	1267.2	1312.1	1357.7	1406.9	1450.8	1484.8	1516.6	1542.4
40°	1193.4	1242.4	1297.2	1353.6	1419.9	1480.0	1546.2	1603.0	1654.3	1708.6	1751.8
37.5°	1254.3	1315.4	1387.4	1462.9	1548.6	1630.9	1717.3	1802.2	1876.3	1963.7	2030.4
35°	1321.5	1403.1	1491.8	1593.8	1700.6	1818.6	1936.7	2073.2	2190.7	2320.0	2432.7
32.5°	1401.1	1498.5	1614.8	1749.5	1886.7	2065.6	2232.7	2450.1	2638.0	2843.2	3049.8
30°	1482.9	1610.2	1760.4	1930.1	2148.1	2394.2	2668.4	2991.8	3325.1	3647.6	4036.7
27.5°	1584.4	1738.0	1919.9	2167.8	2488.7	2821.2	3292.8	3778.2	4390.9	4897.7	5612.2
25°	1689.8	1870.6	2129.0	2466.2	2885.0	3462.1	4177.8	4953.5	6031.5	6978.6	8089.5
22.5°	1804.5	2048.7	2370.1	2786.3	3421.4	4307.3	5390.9	6851.1	8441.1	10129.3	11808.6
20°	1924.0	2219.4	2640.7	3243.9	4115.4	5315.3	7175.5	9429.7	11701.3	14486.8	16953.4
17.5°	2062.4	2438.4	2957.6	3711.9	4874.9	6712.9	9293.5	12440.4	15964.6	19969.8	23525.7
15°	2177.7	2626.0	3281.3	4336.7	5936.3	8296.5	11550.9	15880.1	21176.0	26555.0	32012.3
12.5°	2311.6	2830.1	3599.8	4858.2	6867.2	10004.0	14433.7	19913.3	26527.3	33988.2	42783.5
10°	2430.5	3030.6	3987.3	5545.1	8000.1	11784.7	17160.7	23753.1	32288.6	43023.0	56643.3
7.5°	2518.6	3190.1	4286.5	6067.8	8979.6	13496.7	19737.3	27957.9	38803.5	52978.3	71671.2
5°	2575.7	3305.5	4498.2	6471.1	9746.3	14770.9	21625.6	30940.2	44024.7	64072.6	95726.4
2.5°	2609.9	3373.8	4619.0	6707.7	10212.6	15615.1	23062.2	33195.3	47408.5	70928.8	111198.3
0°	2625.2	3392.9	4691.3	6833.2	10368.3	15941.0	23722.0	34223.0	48922.5	72530.7	113918.6
-2.5°	2609.9	3373.8	4619.0	6707.7	10212.6	15615.1	23062.2	33195.3	47408.5	70928.8	111198.3
-5°	2575.7	3305.5	4498.2	6471.1	9746.3	14770.9	21625.6	30940.2	44024.7	64072.6	95726.4
-7.5°	2518.6	3190.1	4286.5	6067.8	8979.6	13496.7	19737.3	27957.9	38803.5	52978.3	71671.2
-10°	2430.5	3030.6	3987.3	5545.1	8000.1	11784.7	17160.7	23753.1	32288.6	43023.0	56643.3
-12.5°	2311.6	2830.1	3599.8	4858.2	6867.2	10004.0	14433.7	19913.3	26527.3	33988.2	42783.5
-15°	2177.7	2626.0	3281.3	4336.7	5936.3	8296.5	11550.9	15880.1	21176.0	26555.0	32012.3
-17.5°	2062.4	2438.4	2957.6	3711.9	4874.9	6712.9	9293.5	12440.4	15964.6	19969.8	23525.7
-20°	1924.0	2219.4	2640.7	3243.9	4115.4	5315.3	7175.5	9429.7	11701.3	14486.8	16953.4



REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1804.5	2048.7	2370.1	2786.3	3421.4	4307.3	5390.9	6851.1	8441.1	10129.3	11808.6
-25°	1689.8	1870.6	2129.0	2466.2	2885.0	3462.1	4177.8	4953.5	6031.5	6978.6	8089.5
-27.5°	1584.4	1738.0	1919.9	2167.8	2488.7	2821.2	3292.8	3778.2	4390.9	4897.7	5612.2
-30°	1482.9	1610.2	1760.4	1930.1	2148.1	2394.2	2668.4	2991.8	3325.1	3647.6	4036.7
-32.5°	1401.1	1498.5	1614.8	1749.5	1886.7	2065.6	2232.7	2450.1	2638.0	2843.2	3049.8
-35°	1321.5	1403.1	1491.8	1593.8	1700.6	1818.6	1936.7	2073.2	2190.7	2320.0	2432.7
-37.5°	1254.3	1315.4	1387.4	1462.9	1548.6	1630.9	1717.3	1802.2	1876.3	1963.7	2030.4
-40°	1193.4	1242.4	1297.2	1353.6	1419.9	1480.0	1546.2	1603.0	1654.3	1708.6	1751.8
-42.5°	1136.4	1179.2	1221.2	1267.2	1312.1	1357.7	1406.9	1450.8	1484.8	1516.6	1542.4
-45°	1083.2	1120.8	1155.7	1192.7	1225.7	1260.6	1293.1	1321.1	1349.9	1371.6	1386.3
-47.5°	1035.2	1067.8	1099.9	1128.6	1153.0	1179.7	1203.6	1223.9	1243.7	1259.8	1270.9
-50°	987.7	1018.3	1047.4	1073.4	1093.7	1112.1	1128.6	1142.9	1156.5	1167.2	1175.0
-52.5°	939.4	967.8	995.0	1018.8	1038.5	1054.9	1068.1	1080.2	1089.5	1095.7	1098.5
-55°	893.4	919.5	942.6	965.0	985.2	1002.4	1015.7	1025.4	1033.6	1040.1	1042.3
-57.5°	842.4	870.6	895.7	912.1	930.0	949.1	961.7	968.9	975.6	981.2	983.9
-60°	783.9	811.7	832.9	849.8	866.3	882.3	893.1	901.7	908.4	913.4	916.5
-62.5°	715.4	737.2	756.2	773.8	790.7	804.8	813.6	821.5	828.2	833.9	838.2
-65°	635.7	659.0	674.1	687.4	699.1	711.4	724.3	733.7	739.9	743.8	746.3
-67.5°	553.3	575.9	591.5	603.7	613.3	623.0	634.6	644.6	652.9	658.6	661.3
-70°	473.1	492.9	508.1	521.5	532.7	542.0	550.7	558.1	564.3	568.8	572.1
-72.5°	393.9	413.9	430.0	443.2	454.6	463.6	470.8	477.0	482.0	484.1	484.3
-75°	313.3	329.6	347.5	363.2	376.7	385.0	390.8	395.7	399.7	400.7	400.2
-77.5°	244.1	256.7	269.8	282.8	295.4	302.7	307.9	312.2	315.6	316.4	315.7
-80°	181.6	189.8	198.0	206.0	213.9	218.8	222.2	224.9	226.6	227.5	227.7
-82.5°	124.9	129.8	134.3	138.5	142.4	145.9	149.0	151.8	154.3	154.1	153.4
-85°	74.1	76.9	79.5	81.9	84.1	86.1	87.9	89.5	90.9	89.8	88.4
-87.5°	31.0	32.0	32.8	33.6	34.3	35.0	35.6	36.1	36.6	34.7	32.7
-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: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-NR-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°	30.5	28.3	28.4	28.4	28.4	28.3	30.5	32.7	34.7	36.6	36.1
85°	86.7	84.9	85.2	85.3	85.2	84.9	86.7	88.4	89.8	90.9	89.5
82.5°	152.3	150.9	151.4	151.6	151.4	150.9	152.3	153.4	154.1	154.3	151.8
80°	227.3	226.4	222.5	218.0	222.5	226.4	227.3	227.7	227.5	226.6	224.9
77.5°	314.0	311.4	307.8	303.3	307.8	311.4	314.0	315.7	316.4	315.6	312.2
75°	398.8	396.4	397.6	398.1	397.6	396.4	398.8	400.2	400.7	399.7	395.7
72.5°	483.5	481.4	482.7	483.3	482.7	481.4	483.5	484.3	484.1	482.0	477.0
70°	574.4	575.4	572.9	568.6	572.9	575.4	574.4	572.1	568.8	564.3	558.1
67.5°	662.1	661.1	658.3	653.9	658.3	661.1	662.1	661.3	658.6	652.9	644.6
65°	747.1	746.2	747.8	748.7	747.8	746.2	747.1	746.3	743.8	739.9	733.7
62.5°	840.3	840.4	838.3	834.0	838.3	840.4	840.3	838.2	833.9	828.2	821.5
60°	917.7	916.9	914.3	909.8	914.3	916.9	917.7	916.5	913.4	908.4	901.7
57.5°	984.7	983.8	980.9	976.2	980.9	983.8	984.7	983.9	981.2	975.6	968.9
55°	1042.6	1041.1	1037.9	1033.0	1037.9	1041.1	1042.6	1042.3	1040.1	1033.6	1025.4
52.5°	1099.2	1098.0	1098.4	1099.4	1098.4	1098.0	1099.2	1098.5	1095.7	1089.5	1080.2
50°	1179.7	1181.3	1179.9	1175.2	1179.9	1181.3	1179.7	1175.0	1167.2	1156.5	1142.9
47.5°	1276.2	1276.8	1274.5	1270.0	1274.5	1276.8	1276.2	1270.9	1259.8	1243.7	1223.9
45°	1397.8	1404.6	1406.5	1402.7	1406.5	1404.6	1397.8	1386.3	1371.6	1349.9	1321.1
42.5°	1562.3	1573.1	1576.2	1573.3	1576.2	1573.1	1562.3	1542.4	1516.6	1484.8	1450.8
40°	1778.3	1790.6	1792.9	1791.2	1792.9	1790.6	1778.3	1751.8	1708.6	1654.3	1603.0
37.5°	2077.3	2107.2	2121.3	2122.9	2121.3	2107.2	2077.3	2030.4	1963.7	1876.3	1802.2
35°	2518.5	2578.0	2609.8	2625.2	2609.8	2578.0	2518.5	2432.7	2320.0	2190.7	2073.2
32.5°	3206.3	3325.5	3391.5	3383.4	3391.5	3325.5	3206.3	3049.8	2843.2	2638.0	2450.1
30°	4330.0	4538.4	4643.2	4615.5	4643.2	4538.4	4330.0	4036.7	3647.6	3325.1	2991.8
27.5°	6125.3	6502.0	6719.8	6691.1	6719.8	6502.0	6125.3	5612.2	4897.7	4390.9	3778.2
25°	9018.1	9705.5	10145.6	10036.6	10145.6	9705.5	9018.1	8089.5	6978.6	6031.5	4953.5
22.5°	13418.5	14583.1	15353.7	15258.7	15353.7	14583.1	13418.5	11808.6	10129.3	8441.1	6851.1
20°	19454.6	21227.2	22492.9	22660.5	22492.9	21227.2	19454.6	16953.4	14486.8	11701.3	9429.7
17.5°	27366.8	30177.3	32133.7	32460.2	32133.7	30177.3	27366.8	23525.7	19969.8	15964.6	12440.4
15°	37649.9	42243.4	45567.9	45842.3	45567.9	42243.4	37649.9	32012.3	26555.0	21176.0	15880.1
12.5°	51612.8	60851.6	66881.3	69535.9	66881.3	60851.6	51612.8	42783.5	33988.2	26527.3	19913.3
10°	70936.6	92157.9	105748.3	110857.4	105748.3	92157.9	70936.6	56643.3	43023.0	32288.6	23753.1
7.5°	103213.3	136531.2	173571.9	189358.9	173571.9	136531.2	103213.3	71671.2	52978.3	38803.5	27957.9
5°	139764.1	208912.0	274684.1	300368.0	274684.1	208912.0	139764.1	95726.4	64072.6	44024.7	30940.2
2.5°	178224.9	274607.2	364924.7	400245.9	364924.7	274607.2	178224.9	111198.3	70928.8	47408.5	33195.3
0°	193244.7	303372.3	402743.2	442349.3	402743.2	303372.3	193244.7	113918.6	72530.7	48922.5	34223.0
-2.5°	178224.9	274607.2	364924.7	400245.9	364924.7	274607.2	178224.9	111198.3	70928.8	47408.5	33195.3
-5°	139764.1	208912.0	274684.1	300368.0	274684.1	208912.0	139764.1	95726.4	64072.6	44024.7	30940.2
-7.5°	103213.3	136531.2	173571.9	189358.9	173571.9	136531.2	103213.3	71671.2	52978.3	38803.5	27957.9
-10°	70936.6	92157.9	105748.3	110857.4	105748.3	92157.9	70936.6	56643.3	43023.0	32288.6	23753.1
-12.5°	51612.8	60851.6	66881.3	69535.9	66881.3	60851.6	51612.8	42783.5	33988.2	26527.3	19913.3
-15°	37649.9	42243.4	45567.9	45842.3	45567.9	42243.4	37649.9	32012.3	26555.0	21176.0	15880.1
-17.5°	27366.8	30177.3	32133.7	32460.2	32133.7	30177.3	27366.8	23525.7	19969.8	15964.6	12440.4
-20°	19454.6	21227.2	22492.9	22660.5	22492.9	21227.2	19454.6	16953.4	14486.8	11701.3	9429.7



REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13418.5	14583.1	15353.7	15258.7	15353.7	14583.1	13418.5	11808.6	10129.3	8441.1	6851.1
-25°	9018.1	9705.5	10145.6	10036.6	10145.6	9705.5	9018.1	8089.5	6978.6	6031.5	4953.5
-27.5°	6125.3	6502.0	6719.8	6691.1	6719.8	6502.0	6125.3	5612.2	4897.7	4390.9	3778.2
-30°	4330.0	4538.4	4643.2	4615.5	4643.2	4538.4	4330.0	4036.7	3647.6	3325.1	2991.8
-32.5°	3206.3	3325.5	3391.5	3383.4	3391.5	3325.5	3206.3	3049.8	2843.2	2638.0	2450.1
-35°	2518.5	2578.0	2609.8	2625.2	2609.8	2578.0	2518.5	2432.7	2320.0	2190.7	2073.2
-37.5°	2077.3	2107.2	2121.3	2122.9	2121.3	2107.2	2077.3	2030.4	1963.7	1876.3	1802.2
-40°	1778.3	1790.6	1792.9	1791.2	1792.9	1790.6	1778.3	1751.8	1708.6	1654.3	1603.0
-42.5°	1562.3	1573.1	1576.2	1573.3	1576.2	1573.1	1562.3	1542.4	1516.6	1484.8	1450.8
-45°	1397.8	1404.6	1406.5	1402.7	1406.5	1404.6	1397.8	1386.3	1371.6	1349.9	1321.1
-47.5°	1276.2	1276.8	1274.5	1270.0	1274.5	1276.8	1276.2	1270.9	1259.8	1243.7	1223.9
-50°	1179.7	1181.3	1179.9	1175.2	1179.9	1181.3	1179.7	1175.0	1167.2	1156.5	1142.9
-52.5°	1099.2	1098.0	1098.4	1099.4	1098.4	1098.0	1099.2	1098.5	1095.7	1089.5	1080.2
-55°	1042.6	1041.1	1037.9	1033.0	1037.9	1041.1	1042.6	1042.3	1040.1	1033.6	1025.4
-57.5°	984.7	983.8	980.9	976.2	980.9	983.8	984.7	983.9	981.2	975.6	968.9
-60°	917.7	916.9	914.3	909.8	914.3	916.9	917.7	916.5	913.4	908.4	901.7
-62.5°	840.3	840.4	838.3	834.0	838.3	840.4	840.3	838.2	833.9	828.2	821.5
-65°	747.1	746.2	747.8	748.7	747.8	746.2	747.1	746.3	743.8	739.9	733.7
-67.5°	662.1	661.1	658.3	653.9	658.3	661.1	662.1	661.3	658.6	652.9	644.6
-70°	574.4	575.4	572.9	568.6	572.9	575.4	574.4	572.1	568.8	564.3	558.1
-72.5°	483.5	481.4	482.7	483.3	482.7	481.4	483.5	484.3	484.1	482.0	477.0
-75°	398.8	396.4	397.6	398.1	397.6	396.4	398.8	400.2	400.7	399.7	395.7
-77.5°	314.0	311.4	307.8	303.3	307.8	311.4	314.0	315.7	316.4	315.6	312.2
-80°	227.3	226.4	222.5	218.0	222.5	226.4	227.3	227.7	227.5	226.6	224.9
-82.5°	152.3	150.9	151.4	151.6	151.4	150.9	152.3	153.4	154.1	154.3	151.8
-85°	86.7	84.9	85.2	85.3	85.2	84.9	86.7	88.4	89.8	90.9	89.5
-87.5°	30.5	28.3	28.4	28.4	28.4	28.3	30.5	32.7	34.7	36.6	36.1
-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: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-NR-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°	35.6	35.0	34.3	33.6	32.8	32.0	31.0	30.1	29.0	27.9	26.8
85°	87.9	86.1	84.1	81.9	79.5	76.9	74.1	69.8	65.6	61.4	57.5
82.5°	149.0	145.9	142.4	138.5	134.3	129.8	124.9	118.2	110.9	102.8	94.5
80°	222.2	218.8	213.9	206.0	198.0	189.8	181.6	173.8	165.5	156.8	147.6
77.5°	307.9	302.7	295.4	282.8	269.8	256.7	244.1	233.5	223.1	212.1	200.6
75°	390.8	385.0	376.7	363.2	347.5	329.6	313.3	300.0	285.9	271.0	255.5
72.5°	470.8	463.6	454.6	443.2	430.0	413.9	393.9	372.7	352.4	333.0	314.6
70°	550.7	542.0	532.7	521.5	508.1	492.9	473.1	449.1	421.8	395.2	375.2
67.5°	634.6	623.0	613.3	603.7	591.5	575.9	553.3	528.6	501.6	470.9	442.5
65°	724.3	711.4	699.1	687.4	674.1	659.0	635.7	608.4	579.2	548.6	516.4
62.5°	813.6	804.8	790.7	773.8	756.2	737.2	715.4	688.6	657.2	621.5	586.2
60°	893.1	882.3	866.3	849.8	832.9	811.7	783.9	759.2	738.1	697.7	655.4
57.5°	961.7	949.1	930.0	912.1	895.7	870.6	842.4	814.5	787.2	759.2	722.9
55°	1015.7	1002.4	985.2	965.0	942.6	919.5	893.4	863.7	834.8	809.1	775.6
52.5°	1068.1	1054.9	1038.5	1018.8	995.0	967.8	939.4	909.8	882.7	856.4	826.3
50°	1128.6	1112.1	1093.7	1073.4	1047.4	1018.3	987.7	955.9	927.9	901.0	872.5
47.5°	1203.6	1179.7	1153.0	1128.6	1099.9	1067.8	1035.2	1003.3	972.7	941.1	912.3
45°	1293.1	1260.6	1225.7	1192.7	1155.7	1120.8	1083.2	1049.9	1017.1	982.9	947.5
42.5°	1406.9	1357.7	1312.1	1267.2	1221.2	1179.2	1136.4	1097.5	1060.5	1024.1	985.9
40°	1546.2	1480.0	1419.9	1353.6	1297.2	1242.4	1193.4	1144.7	1103.7	1064.1	1022.0
37.5°	1717.3	1630.9	1548.6	1462.9	1387.4	1315.4	1254.3	1198.2	1144.8	1101.6	1057.2
35°	1936.7	1818.6	1700.6	1593.8	1491.8	1403.1	1321.5	1254.3	1193.4	1137.6	1090.9
32.5°	2232.7	2065.6	1886.7	1749.5	1614.8	1498.5	1401.1	1315.4	1242.4	1179.2	1123.2
30°	2668.4	2394.2	2148.1	1930.1	1760.4	1610.2	1482.9	1384.0	1297.2	1221.2	1155.7
27.5°	3292.8	2821.2	2488.7	2167.8	1919.9	1738.0	1584.4	1454.4	1352.4	1267.2	1192.1
25°	4177.8	3462.1	2885.0	2466.2	2129.0	1870.6	1689.8	1539.2	1414.3	1311.6	1221.2
22.5°	5390.9	4307.3	3421.4	2786.3	2370.1	2048.7	1804.5	1622.8	1470.8	1350.5	1252.2
20°	7175.5	5315.3	4115.4	3243.9	2640.7	2219.4	1924.0	1710.2	1534.5	1391.0	1279.3
17.5°	9293.5	6712.9	4874.9	3711.9	2957.6	2438.4	2062.4	1790.6	1592.3	1426.2	1301.4
15°	11550.9	8296.5	5936.3	4336.7	3281.3	2626.0	2177.7	1861.8	1647.3	1465.0	1328.7
12.5°	14433.7	10004.0	6867.2	4858.2	3599.8	2830.1	2311.6	1952.0	1701.5	1506.8	1357.2
10°	17160.7	11784.7	8000.1	5545.1	3987.3	3030.6	2430.5	2021.5	1743.4	1540.1	1380.3
7.5°	19737.3	13496.7	8979.6	6067.8	4286.5	3190.1	2518.6	2071.6	1773.3	1563.5	1398.0
5°	21625.6	14770.9	9746.3	6471.1	4498.2	3305.5	2575.7	2102.8	1791.0	1577.2	1410.1
2.5°	23062.2	15615.1	10212.6	6707.7	4619.0	3373.8	2609.9	2126.6	1808.3	1588.2	1423.4
0°	23722.0	15941.0	10368.3	6833.2	4691.3	3392.9	2625.2	2141.9	1819.7	1592.2	1431.1
-2.5°	23062.2	15615.1	10212.6	6707.7	4619.0	3373.8	2609.9	2126.6	1808.3	1588.2	1423.4
-5°	21625.6	14770.9	9746.3	6471.1	4498.2	3305.5	2575.7	2102.8	1791.0	1577.2	1410.1
-7.5°	19737.3	13496.7	8979.6	6067.8	4286.5	3190.1	2518.6	2071.6	1773.3	1563.5	1398.0
-10°	17160.7	11784.7	8000.1	5545.1	3987.3	3030.6	2430.5	2021.5	1743.4	1540.1	1380.3
-12.5°	14433.7	10004.0	6867.2	4858.2	3599.8	2830.1	2311.6	1952.0	1701.5	1506.8	1357.2
-15°	11550.9	8296.5	5936.3	4336.7	3281.3	2626.0	2177.7	1861.8	1647.3	1465.0	1328.7
-17.5°	9293.5	6712.9	4874.9	3711.9	2957.6	2438.4	2062.4	1790.6	1592.3	1426.2	1301.4
-20°	7175.5	5315.3	4115.4	3243.9	2640.7	2219.4	1924.0	1710.2	1534.5	1391.0	1279.3



REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5390.9	4307.3	3421.4	2786.3	2370.1	2048.7	1804.5	1622.8	1470.8	1350.5	1252.2
-25°	4177.8	3462.1	2885.0	2466.2	2129.0	1870.6	1689.8	1539.2	1414.3	1311.6	1221.2
-27.5°	3292.8	2821.2	2488.7	2167.8	1919.9	1738.0	1584.4	1454.4	1352.4	1267.2	1192.1
-30°	2668.4	2394.2	2148.1	1930.1	1760.4	1610.2	1482.9	1384.0	1297.2	1221.2	1155.7
-32.5°	2232.7	2065.6	1886.7	1749.5	1614.8	1498.5	1401.1	1315.4	1242.4	1179.2	1123.2
-35°	1936.7	1818.6	1700.6	1593.8	1491.8	1403.1	1321.5	1254.3	1193.4	1137.6	1090.9
-37.5°	1717.3	1630.9	1548.6	1462.9	1387.4	1315.4	1254.3	1198.2	1144.8	1101.6	1057.2
-40°	1546.2	1480.0	1419.9	1353.6	1297.2	1242.4	1193.4	1144.7	1103.7	1064.1	1022.0
-42.5°	1406.9	1357.7	1312.1	1267.2	1221.2	1179.2	1136.4	1097.5	1060.5	1024.1	985.9
-45°	1293.1	1260.6	1225.7	1192.7	1155.7	1120.8	1083.2	1049.9	1017.1	982.9	947.5
-47.5°	1203.6	1179.7	1153.0	1128.6	1099.9	1067.8	1035.2	1003.3	972.7	941.1	912.3
-50°	1128.6	1112.1	1093.7	1073.4	1047.4	1018.3	987.7	955.9	927.9	901.0	872.5
-52.5°	1068.1	1054.9	1038.5	1018.8	995.0	967.8	939.4	909.8	882.7	856.4	826.3
-55°	1015.7	1002.4	985.2	965.0	942.6	919.5	893.4	863.7	834.8	809.1	775.6
-57.5°	961.7	949.1	930.0	912.1	895.7	870.6	842.4	814.5	787.2	759.2	722.9
-60°	893.1	882.3	866.3	849.8	832.9	811.7	783.9	759.2	738.1	697.7	655.4
-62.5°	813.6	804.8	790.7	773.8	756.2	737.2	715.4	688.6	657.2	621.5	586.2
-65°	724.3	711.4	699.1	687.4	674.1	659.0	635.7	608.4	579.2	548.6	516.4
-67.5°	634.6	623.0	613.3	603.7	591.5	575.9	553.3	528.6	501.6	470.9	442.5
-70°	550.7	542.0	532.7	521.5	508.1	492.9	473.1	449.1	421.8	395.2	375.2
-72.5°	470.8	463.6	454.6	443.2	430.0	413.9	393.9	372.7	352.4	333.0	314.6
-75°	390.8	385.0	376.7	363.2	347.5	329.6	313.3	300.0	285.9	271.0	255.5
-77.5°	307.9	302.7	295.4	282.8	269.8	256.7	244.1	233.5	223.1	212.1	200.6
-80°	222.2	218.8	213.9	206.0	198.0	189.8	181.6	173.8	165.5	156.8	147.6
-82.5°	149.0	145.9	142.4	138.5	134.3	129.8	124.9	118.2	110.9	102.8	94.5
-85°	87.9	86.1	84.1	81.9	79.5	76.9	74.1	69.8	65.6	61.4	57.5
-87.5°	35.6	35.0	34.3	33.6	32.8	32.0	31.0	30.1	29.0	27.9	26.8
-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: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-735-U-NR-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°	25.6	24.4	23.1	21.7	20.4	18.9	17.5	16.0	14.5	13.0	11.4
85°	55.4	52.8	49.7	46.2	42.1	37.9	35.0	32.0	29.0	25.9	22.8
82.5°	89.6	86.4	83.0	78.7	72.5	66.2	59.6	53.0	46.2	39.2	34.1
80°	138.8	130.3	122.0	113.8	104.2	94.4	85.7	76.8	67.7	58.5	49.1
77.5°	188.6	176.2	163.3	151.3	139.3	127.0	114.3	101.4	89.1	77.6	65.9
75°	239.3	224.1	208.6	192.5	176.1	159.4	144.2	128.7	112.9	96.9	82.6
72.5°	295.6	276.0	255.6	234.8	215.6	195.9	175.7	155.8	137.4	118.8	99.8
70°	354.3	330.0	305.7	282.5	257.9	232.2	209.2	185.7	161.7	140.4	118.8
67.5°	415.9	391.1	362.5	331.5	303.8	274.8	243.6	215.9	189.0	161.7	137.4
65°	483.5	452.4	422.7	386.9	351.8	318.1	284.3	247.6	215.9	185.7	155.8
62.5°	549.5	512.1	476.4	439.6	401.3	362.5	324.3	283.2	243.3	209.2	175.7
60°	614.8	573.3	528.9	487.3	447.3	406.4	362.9	317.8	273.9	232.2	195.9
57.5°	676.8	633.3	583.2	534.3	489.4	446.6	400.3	351.2	303.6	257.5	215.5
55°	734.6	686.1	634.0	580.9	530.4	483.5	435.4	383.4	332.1	282.5	234.3
52.5°	787.8	737.1	681.5	625.2	570.0	519.0	468.2	414.3	359.6	306.6	254.7
50°	837.4	787.7	728.6	668.2	607.7	553.8	500.4	443.9	385.8	329.6	274.6
47.5°	880.2	833.1	776.0	710.7	646.2	588.1	532.1	472.9	410.7	351.6	293.8
45°	915.3	875.2	820.2	754.5	685.4	623.8	563.2	501.3	436.2	372.7	312.3
42.5°	947.8	910.5	860.9	797.3	725.7	659.0	593.6	528.9	461.0	392.9	330.0
40°	981.0	941.4	898.6	834.7	763.4	692.7	624.2	555.7	485.0	412.8	346.8
37.5°	1011.9	970.8	927.5	869.4	797.3	724.5	653.6	581.7	507.3	432.6	362.7
35°	1043.3	997.3	952.5	896.5	826.8	753.3	681.5	606.7	528.3	451.1	377.8
32.5°	1073.4	1021.9	973.5	918.8	853.8	779.3	706.4	628.4	548.1	468.1	391.9
30°	1100.8	1044.9	993.7	940.2	876.8	802.0	727.4	648.2	566.4	483.6	405.2
27.5°	1122.8	1063.9	1013.0	958.6	895.1	822.3	745.8	666.0	583.2	498.0	417.8
25°	1144.6	1081.6	1028.3	975.4	912.4	843.0	763.0	681.7	598.0	511.6	429.1
22.5°	1168.9	1097.9	1040.4	991.3	930.0	862.8	779.4	695.3	610.8	523.8	439.2
20°	1190.3	1112.1	1049.4	1003.9	944.0	877.6	794.9	707.7	621.9	534.6	448.0
17.5°	1209.1	1127.3	1061.2	1011.3	955.0	890.2	809.3	718.6	631.2	544.0	455.5
15°	1228.8	1143.2	1071.8	1017.3	963.8	900.9	822.3	728.0	638.7	551.9	462.2
12.5°	1246.3	1156.1	1080.3	1022.0	970.6	909.4	833.8	735.9	644.6	558.6	468.4
10°	1260.9	1166.1	1086.6	1025.2	975.3	916.0	843.6	743.4	650.9	563.8	473.6
7.5°	1272.3	1173.1	1090.8	1026.9	978.6	921.3	852.0	752.2	656.2	567.3	477.7
5°	1280.6	1178.6	1097.2	1032.8	982.5	925.5	857.9	759.2	660.1	569.2	480.8
2.5°	1286.8	1183.2	1104.1	1038.4	984.9	928.0	861.3	764.4	662.6	569.6	482.7
0°	1288.9	1184.7	1108.9	1042.5	985.7	928.8	862.4	767.7	663.4	568.6	483.3
-2.5°	1286.8	1183.2	1104.1	1038.4	984.9	928.0	861.3	764.4	662.6	569.6	482.7
-5°	1280.6	1178.6	1097.2	1032.8	982.5	925.5	857.9	759.2	660.1	569.2	480.8
-7.5°	1272.3	1173.1	1090.8	1026.9	978.6	921.3	852.0	752.2	656.2	567.3	477.7
-10°	1260.9	1166.1	1086.6	1025.2	975.3	916.0	843.6	743.4	650.9	563.8	473.6
-12.5°	1246.3	1156.1	1080.3	1022.0	970.6	909.4	833.8	735.9	644.6	558.6	468.4
-15°	1228.8	1143.2	1071.8	1017.3	963.8	900.9	822.3	728.0	638.7	551.9	462.2
-17.5°	1209.1	1127.3	1061.2	1011.3	955.0	890.2	809.3	718.6	631.2	544.0	455.5
-20°	1190.3	1112.1	1049.4	1003.9	944.0	877.6	794.9	707.7	621.9	534.6	448.0

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Scaled Data Report



REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1168.9	1097.9	1040.4	991.3	930.0	862.8	779.4	695.3	610.8	523.8	439.2
-25°	1144.6	1081.6	1028.3	975.4	912.4	843.0	763.0	681.7	598.0	511.6	429.1
-27.5°	1122.8	1063.9	1013.0	958.6	895.1	822.3	745.8	666.0	583.2	498.0	417.8
-30°	1100.8	1044.9	993.7	940.2	876.8	802.0	727.4	648.2	566.4	483.6	405.2
-32.5°	1073.4	1021.9	973.5	918.8	853.8	779.3	706.4	628.4	548.1	468.1	391.9
-35°	1043.3	997.3	952.5	896.5	826.8	753.3	681.5	606.7	528.3	451.1	377.8
-37.5°	1011.9	970.8	927.5	869.4	797.3	724.5	653.6	581.7	507.3	432.6	362.7
-40°	981.0	941.4	898.6	834.7	763.4	692.7	624.2	555.7	485.0	412.8	346.8
-42.5°	947.8	910.5	860.9	797.3	725.7	659.0	593.6	528.9	461.0	392.9	330.0
-45°	915.3	875.2	820.2	754.5	685.4	623.8	563.2	501.3	436.2	372.7	312.3
-47.5°	880.2	833.1	776.0	710.7	646.2	588.1	532.1	472.9	410.7	351.6	293.8
-50°	837.4	787.7	728.6	668.2	607.7	553.8	500.4	443.9	385.8	329.6	274.6
-52.5°	787.8	737.1	681.5	625.2	570.0	519.0	468.2	414.3	359.6	306.6	254.7
-55°	734.6	686.1	634.0	580.9	530.4	483.5	435.4	383.4	332.1	282.5	234.3
-57.5°	676.8	633.3	583.2	534.3	489.4	446.6	400.3	351.2	303.6	257.5	215.5
-60°	614.8	573.3	528.9	487.3	447.3	406.4	362.9	317.8	273.9	232.2	195.9
-62.5°	549.5	512.1	476.4	439.6	401.3	362.5	324.3	283.2	243.3	209.2	175.7
-65°	483.5	452.4	422.7	386.9	351.8	318.1	284.3	247.6	215.9	185.7	155.8
-67.5°	415.9	391.1	362.5	331.5	303.8	274.8	243.6	215.9	189.0	161.7	137.4
-70°	354.3	330.0	305.7	282.5	257.9	232.2	209.2	185.7	161.7	140.4	118.8
-72.5°	295.6	276.0	255.6	234.8	215.6	195.9	175.7	155.8	137.4	118.8	99.8
-75°	239.3	224.1	208.6	192.5	176.1	159.4	144.2	128.7	112.9	96.9	82.6
-77.5°	188.6	176.2	163.3	151.3	139.3	127.0	114.3	101.4	89.1	77.6	65.9
-80°	138.8	130.3	122.0	113.8	104.2	94.4	85.7	76.8	67.7	58.5	49.1
-82.5°	89.6	86.4	83.0	78.7	72.5	66.2	59.6	53.0	46.2	39.2	34.1
-85°	55.4	52.8	49.7	46.2	42.1	37.9	35.0	32.0	29.0	25.9	22.8
-87.5°	25.6	24.4	23.1	21.7	20.4	18.9	17.5	16.0	14.5	13.0	11.4
-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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REPORT NUMBER: P627939 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-NR-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°	9.8	8.2	6.6	4.9	3.3	1.4	0.0
85°	19.6	16.4	13.1	9.9	6.6	2.9	0.0
82.5°	29.3	24.5	19.7	14.8	9.9	4.3	0.0
80°	39.6	32.7	26.2	19.7	13.1	5.7	0.0
77.5°	54.0	41.9	32.7	24.5	16.3	7.1	0.0
75°	68.2	53.3	39.5	29.3	19.4	8.5	0.0
72.5°	82.1	64.5	48.1	34.1	22.5	9.9	0.0
70°	96.1	75.5	56.6	39.1	25.5	11.2	0.0
67.5°	111.9	86.2	64.9	45.1	28.4	12.5	0.0
65°	127.5	97.9	72.9	50.9	31.3	13.8	0.0
62.5°	142.7	110.6	80.8	56.6	34.0	15.1	0.0
60°	157.5	123.0	88.4	62.2	36.6	16.3	0.0
57.5°	173.9	135.1	98.0	67.5	40.0	17.4	0.0
55°	190.1	146.9	107.4	72.7	43.4	18.5	0.0
52.5°	205.7	158.5	116.4	77.7	46.6	19.6	0.0
50°	220.9	171.1	125.2	82.4	49.8	20.6	0.0
47.5°	235.7	183.2	133.7	87.4	52.9	21.5	0.0
45°	251.5	194.9	141.7	93.4	55.9	22.5	0.0
42.5°	266.6	206.0	149.5	99.2	58.7	23.3	0.0
40°	281.0	216.6	157.4	104.9	61.5	24.1	0.0
37.5°	294.6	226.6	165.4	110.3	64.1	24.8	0.0
35°	307.5	236.9	172.9	115.5	66.7	25.5	0.0
32.5°	319.5	246.9	180.0	120.3	69.0	26.1	0.0
30°	330.7	256.2	186.5	124.8	71.3	26.7	0.0
27.5°	341.1	264.8	192.9	129.0	73.4	27.1	0.0
25°	350.6	272.6	198.8	132.9	75.4	27.6	0.0
22.5°	359.1	279.7	204.2	136.4	77.2	27.9	0.0
20°	366.8	285.8	209.0	139.5	78.8	28.2	0.0
17.5°	373.1	291.0	213.3	142.3	80.3	28.4	0.0
15°	378.3	295.3	217.1	144.8	81.6	28.6	0.0
12.5°	382.5	298.8	220.2	146.9	82.7	28.7	0.0
10°	385.7	301.3	222.8	148.6	83.6	28.8	0.0
7.5°	387.9	303.0	224.9	149.9	84.3	28.8	0.0
5°	389.1	303.9	226.3	150.8	84.9	28.7	0.0
2.5°	389.4	304.0	227.2	151.4	85.2	28.6	0.0
0°	388.6	303.3	227.5	151.6	85.3	28.4	0.0
-2.5°	389.4	304.0	227.2	151.4	85.2	28.6	0.0
-5°	389.1	303.9	226.3	150.8	84.9	28.7	0.0
-7.5°	387.9	303.0	224.9	149.9	84.3	28.8	0.0
-10°	385.7	301.3	222.8	148.6	83.6	28.8	0.0
-12.5°	382.5	298.8	220.2	146.9	82.7	28.7	0.0
-15°	378.3	295.3	217.1	144.8	81.6	28.6	0.0
-17.5°	373.1	291.0	213.3	142.3	80.3	28.4	0.0
-20°	366.8	285.8	209.0	139.5	78.8	28.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	359.1	279.7	204.2	136.4	77.2	27.9	0.0
-25°	350.6	272.6	198.8	132.9	75.4	27.6	0.0
-27.5°	341.1	264.8	192.9	129.0	73.4	27.1	0.0
-30°	330.7	256.2	186.5	124.8	71.3	26.7	0.0
-32.5°	319.5	246.9	180.0	120.3	69.0	26.1	0.0
-35°	307.5	236.9	172.9	115.5	66.7	25.5	0.0
-37.5°	294.6	226.6	165.4	110.3	64.1	24.8	0.0
-40°	281.0	216.6	157.4	104.9	61.5	24.1	0.0
-42.5°	266.6	206.0	149.5	99.2	58.7	23.3	0.0
-45°	251.5	194.9	141.7	93.4	55.9	22.5	0.0
-47.5°	235.7	183.2	133.7	87.4	52.9	21.5	0.0
-50°	220.9	171.1	125.2	82.4	49.8	20.6	0.0
-52.5°	205.7	158.5	116.4	77.7	46.6	19.6	0.0
-55°	190.1	146.9	107.4	72.7	43.4	18.5	0.0
-57.5°	173.9	135.1	98.0	67.5	40.0	17.4	0.0
-60°	157.5	123.0	88.4	62.2	36.6	16.3	0.0
-62.5°	142.7	110.6	80.8	56.6	34.0	15.1	0.0
-65°	127.5	97.9	72.9	50.9	31.3	13.8	0.0
-67.5°	111.9	86.2	64.9	45.1	28.4	12.5	0.0
-70°	96.1	75.5	56.6	39.1	25.5	11.2	0.0
-72.5°	82.1	64.5	48.1	34.1	22.5	9.9	0.0
-75°	68.2	53.3	39.5	29.3	19.4	8.5	0.0
-77.5°	54.0	41.9	32.7	24.5	16.3	7.1	0.0
-80°	39.6	32.7	26.2	19.7	13.1	5.7	0.0
-82.5°	29.3	24.5	19.7	14.8	9.9	4.3	0.0
-85°	19.6	16.4	13.1	9.9	6.6	2.9	0.0
-87.5°	9.8	8.2	6.6	4.9	3.3	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)