

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: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-730-U-MR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N140  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

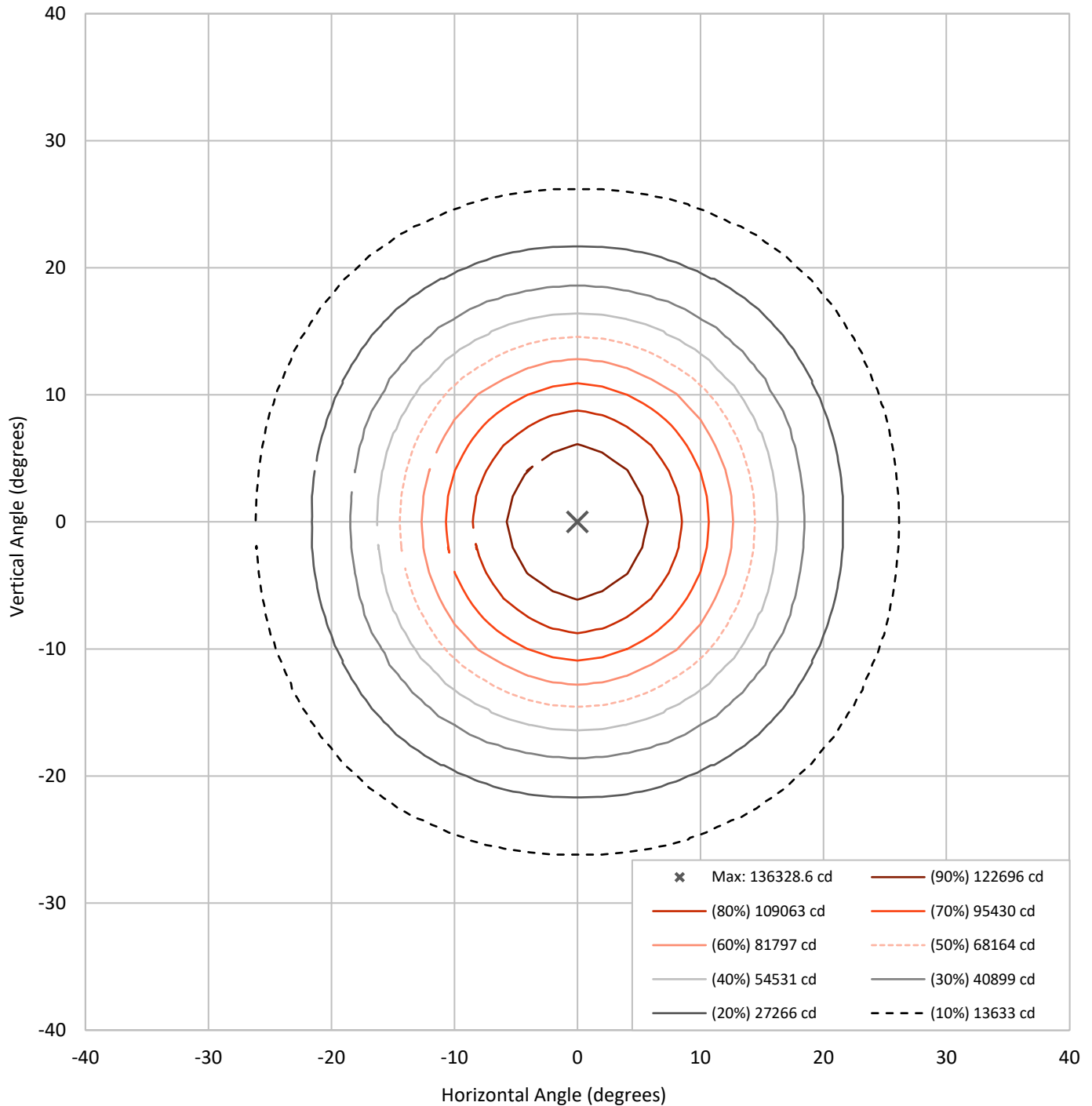
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	42593.8 lumens	Max Intensity:	136328.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	20708.5 lumens	Field Lumens:	34947.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





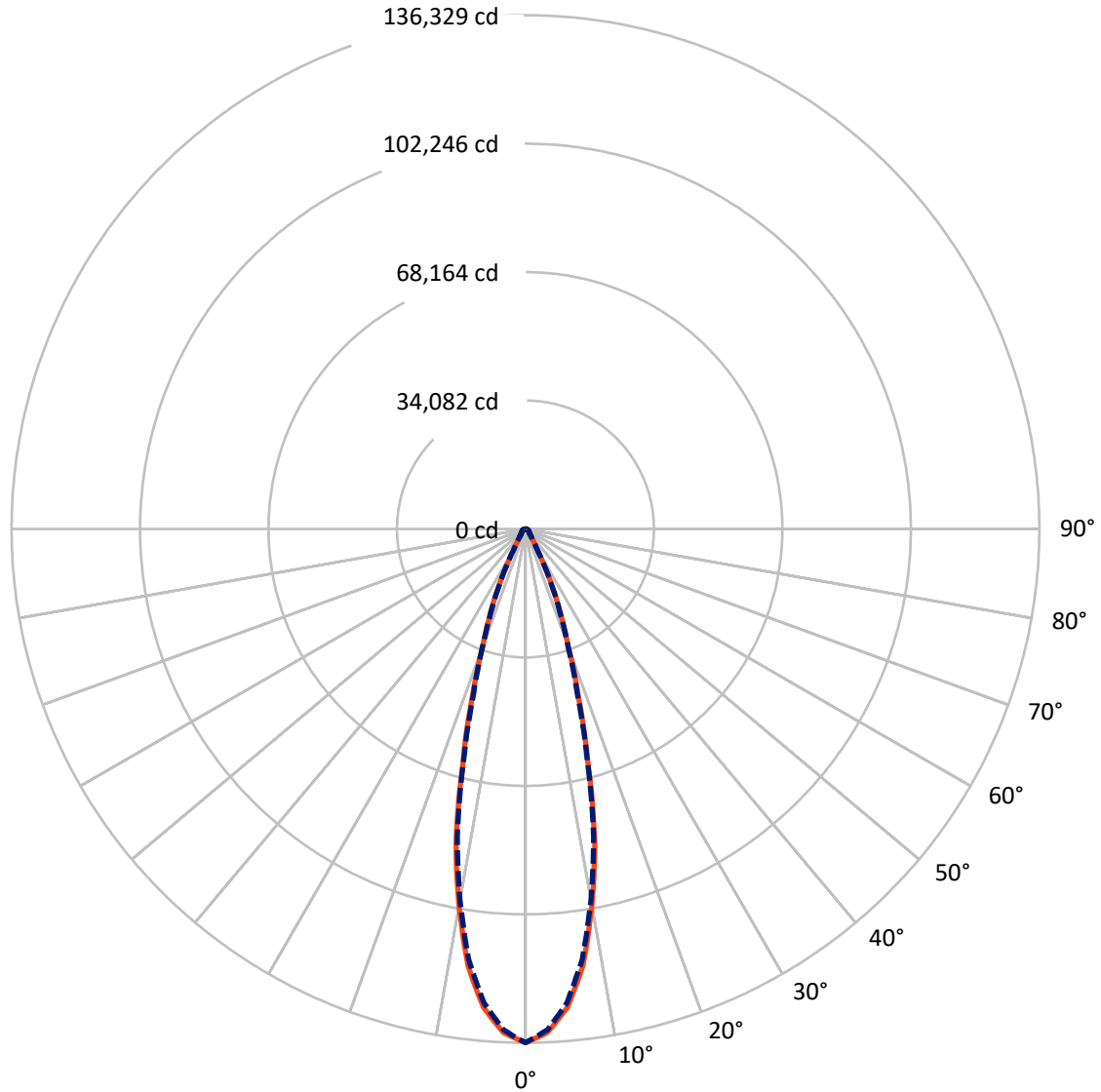
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### Lumen Table

90																			
80	0.8	7.0		18.5		29.2		32.5		29.2		18.5		7.0		0.8			
70																			
60	3.2	3.7	7.4	12.0	16.8	20.6	23.0	24.2	24.2	23.0	20.6	16.8	12.0	7.4	3.7	3.2			
50		5.5	11.0	17.7	23.8	29.3	32.8	34.1	34.1	32.8	29.3	23.8	17.7	11.0	5.5				
40	5.6	7.0	14.1	21.9	29.2	36.9	43.4	46.6	46.6	43.4	36.9	29.2	21.9	14.1	7.0	5.6			
30		8.2	16.5	25.3	35.8	51.0	73.8	95.9	95.9	73.8	51.0	35.8	25.3	16.5	8.2				
20	7.2	9.2	18.1	28.5	45.8	99.6	280.4	497.2	497.2	280.4	99.6	45.8	28.5	18.1	9.2	7.2			
10		9.9	19.0	31.0	62.4	261.4	931.7	1785.4	1785.4	931.7	261.4	62.4	31.0	19.0	9.9				
0	7.7	10.3	19.3	32.6	79.3	451.2	1724.6	3392.2	3392.2	1724.6	451.2	79.3	32.6	19.3	10.3	7.7			
-10		10.3	19.3	32.6	79.3	451.2	1724.6	3392.2	3392.2	1724.6	451.2	79.3	32.6	19.3	10.3				
-20	7.2	9.9	19.0	31.0	62.4	261.4	931.7	1785.4	1785.4	931.7	261.4	62.4	31.0	19.0	9.9	7.2			
-30		9.2	18.1	28.5	45.8	99.6	280.4	497.2	497.2	280.4	99.6	45.8	28.5	18.1	9.2				
-40	5.6	8.2	16.5	25.3	35.8	51.0	73.8	95.9	95.9	73.8	51.0	35.8	25.3	16.5	8.2	5.6			
-50		7.0	14.1	21.9	29.2	36.9	43.4	46.6	46.6	43.4	36.9	29.2	21.9	14.1	7.0				
-60	3.2	5.5	11.0	17.7	23.8	29.3	32.8	34.1	34.1	32.8	29.3	23.8	17.7	11.0	5.5	3.2			
-70		3.7	7.4	12.0	16.8	20.6	23.0	24.2	24.2	23.0	20.6	16.8	12.0	7.4	3.7				
-80																			
-90	0.8	7.0		18.5		29.2		32.5		29.2		18.5		7.0		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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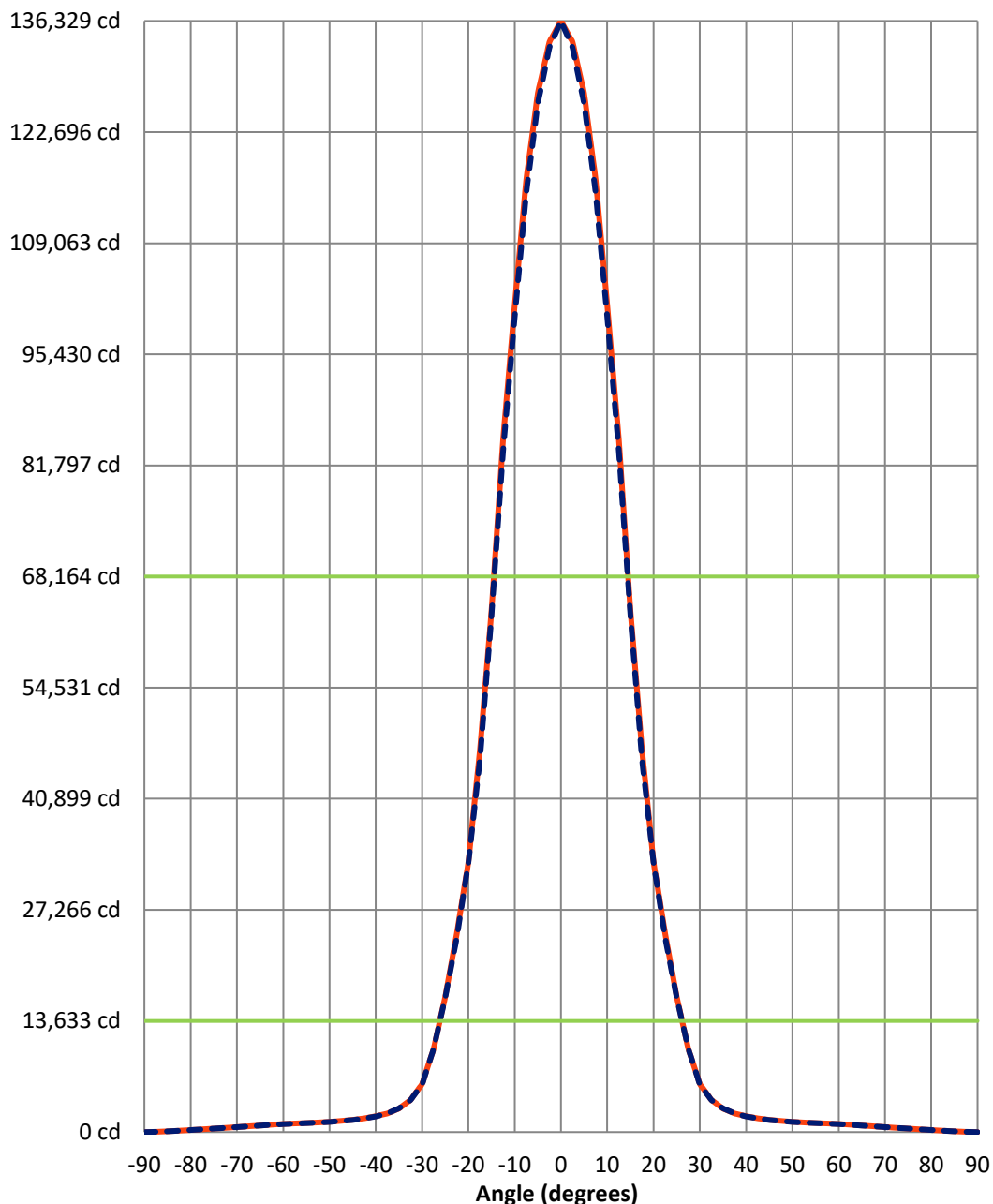
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 20708.5  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 34947.5  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 7646.2  
 Efficiency: 18.0%

— 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	1.5	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
85°	0.0	3.0	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
82.5°	0.0	4.6	9.1	13.7	18.2	22.7	27.1	31.5	36.5	44.8	53.5
80°	0.0	6.1	12.1	18.2	24.2	30.2	36.9	47.5	58.7	70.4	82.6
77.5°	0.0	7.6	15.1	22.7	30.2	39.5	52.4	66.1	80.6	95.7	112.4
75°	0.0	9.1	18.1	27.1	36.9	52.4	67.9	84.5	102.6	123.8	144.7
72.5°	0.0	10.5	21.0	31.5	47.1	65.2	83.2	103.7	128.4	152.7	176.6
70°	0.0	12.0	23.9	36.4	57.2	77.8	98.8	126.0	153.8	181.2	211.0
67.5°	0.0	13.4	26.8	43.9	67.1	90.2	117.8	148.0	178.9	212.5	245.6
65°	0.0	14.8	29.6	51.2	76.9	104.1	136.6	169.6	206.2	243.2	280.4
62.5°	0.0	16.2	32.3	58.4	86.5	119.5	155.0	192.4	233.1	273.6	316.2
60°	0.0	17.5	35.0	65.5	95.8	134.5	173.0	215.4	259.3	304.5	351.0
57.5°	0.0	18.8	39.5	72.3	107.4	149.1	191.9	237.9	285.4	334.3	385.4
55°	0.0	20.1	44.0	79.0	118.8	163.4	210.4	259.7	310.6	363.5	419.2
52.5°	0.0	21.3	48.3	85.4	129.9	177.4	228.2	280.8	334.9	393.0	452.0
50°	0.0	22.5	52.4	91.7	140.6	191.5	245.2	301.3	358.7	421.6	482.4
47.5°	0.0	23.6	56.5	98.2	151.0	205.0	261.6	321.1	383.2	449.1	511.1
45°	0.0	24.7	60.3	105.6	160.9	217.9	277.9	340.1	406.8	473.4	538.3
42.5°	0.0	25.8	64.0	112.7	170.5	230.1	293.4	359.0	429.2	496.3	563.3
40°	0.0	26.8	67.6	119.5	179.6	241.6	308.2	377.4	449.7	517.8	586.9
37.5°	0.0	27.8	70.9	125.7	188.4	252.5	322.2	394.7	468.0	538.4	609.2
35°	0.0	28.7	74.1	131.6	196.5	263.2	335.5	410.7	485.1	557.8	630.2
32.5°	0.0	29.5	77.1	137.0	204.2	273.5	348.0	425.6	501.2	576.0	650.5
30°	0.0	30.3	79.8	141.9	211.2	283.1	359.8	439.1	516.1	592.9	669.4
27.5°	0.0	31.0	82.4	146.4	217.6	291.9	370.7	451.0	529.9	608.5	686.9
25°	0.0	31.7	84.8	150.5	223.5	300.0	380.4	461.9	542.4	622.7	702.9
22.5°	0.0	32.3	86.9	154.1	229.0	307.4	389.2	471.6	553.6	635.5	718.8
20°	0.0	32.9	88.9	157.2	234.0	313.7	396.8	480.3	563.6	646.8	733.0
17.5°	0.0	33.4	90.6	159.9	238.4	319.1	403.8	487.8	572.3	656.7	745.4
15°	0.0	33.8	92.1	162.2	242.4	323.7	410.1	494.8	579.7	665.0	756.0
12.5°	0.0	34.2	93.4	163.9	245.8	327.3	415.6	501.3	586.5	671.9	764.6
10°	0.0	34.5	94.4	165.3	248.6	330.0	420.3	506.7	592.7	680.0	772.6
7.5°	0.0	34.7	95.2	166.2	250.9	331.9	423.9	510.9	597.6	687.3	781.4
5°	0.0	34.9	95.8	166.6	252.5	332.9	426.6	513.9	601.0	693.1	788.3
2.5°	0.0	35.0	96.2	166.7	253.5	333.1	428.2	515.7	603.1	697.4	793.3
0°	0.0	35.0	96.3	166.3	253.8	332.5	428.8	516.3	603.8	700.1	796.3
-2.5°	0.0	35.0	96.2	166.7	253.5	333.1	428.2	515.7	603.1	697.4	793.3
-5°	0.0	34.9	95.8	166.6	252.5	332.9	426.6	513.9	601.0	693.1	788.3
-7.5°	0.0	34.7	95.2	166.2	250.9	331.9	423.9	510.9	597.6	687.3	781.4
-10°	0.0	34.5	94.4	165.3	248.6	330.0	420.3	506.7	592.7	680.0	772.6
-12.5°	0.0	34.2	93.4	163.9	245.8	327.3	415.6	501.3	586.5	671.9	764.6
-15°	0.0	33.8	92.1	162.2	242.4	323.7	410.1	494.8	579.7	665.0	756.0
-17.5°	0.0	33.4	90.6	159.9	238.4	319.1	403.8	487.8	572.3	656.7	745.4
-20°	0.0	32.9	88.9	157.2	234.0	313.7	396.8	480.3	563.6	646.8	733.0

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	32.3	86.9	154.1	229.0	307.4	389.2	471.6	553.6	635.5	718.8
-25°	0.0	31.7	84.8	150.5	223.5	300.0	380.4	461.9	542.4	622.7	702.9
-27.5°	0.0	31.0	82.4	146.4	217.6	291.9	370.7	451.0	529.9	608.5	686.9
-30°	0.0	30.3	79.8	141.9	211.2	283.1	359.8	439.1	516.1	592.9	669.4
-32.5°	0.0	29.5	77.1	137.0	204.2	273.5	348.0	425.6	501.2	576.0	650.5
-35°	0.0	28.7	74.1	131.6	196.5	263.2	335.5	410.7	485.1	557.8	630.2
-37.5°	0.0	27.8	70.9	125.7	188.4	252.5	322.2	394.7	468.0	538.4	609.2
-40°	0.0	26.8	67.6	119.5	179.6	241.6	308.2	377.4	449.7	517.8	586.9
-42.5°	0.0	25.8	64.0	112.7	170.5	230.1	293.4	359.0	429.2	496.3	563.3
-45°	0.0	24.7	60.3	105.6	160.9	217.9	277.9	340.1	406.8	473.4	538.3
-47.5°	0.0	23.6	56.5	98.2	151.0	205.0	261.6	321.1	383.2	449.1	511.1
-50°	0.0	22.5	52.4	91.7	140.6	191.5	245.2	301.3	358.7	421.6	482.4
-52.5°	0.0	21.3	48.3	85.4	129.9	177.4	228.2	280.8	334.9	393.0	452.0
-55°	0.0	20.1	44.0	79.0	118.8	163.4	210.4	259.7	310.6	363.5	419.2
-57.5°	0.0	18.8	39.5	72.3	107.4	149.1	191.9	237.9	285.4	334.3	385.4
-60°	0.0	17.5	35.0	65.5	95.8	134.5	173.0	215.4	259.3	304.5	351.0
-62.5°	0.0	16.2	32.3	58.4	86.5	119.5	155.0	192.4	233.1	273.6	316.2
-65°	0.0	14.8	29.6	51.2	76.9	104.1	136.6	169.6	206.2	243.2	280.4
-67.5°	0.0	13.4	26.8	43.9	67.1	90.2	117.8	148.0	178.9	212.5	245.6
-70°	0.0	12.0	23.9	36.4	57.2	77.8	98.8	126.0	153.8	181.2	211.0
-72.5°	0.0	10.5	21.0	31.5	47.1	65.2	83.2	103.7	128.4	152.7	176.6
-75°	0.0	9.1	18.1	27.1	36.9	52.4	67.9	84.5	102.6	123.8	144.7
-77.5°	0.0	7.6	15.1	22.7	30.2	39.5	52.4	66.1	80.6	95.7	112.4
-80°	0.0	6.1	12.1	18.2	24.2	30.2	36.9	47.5	58.7	70.4	82.6
-82.5°	0.0	4.6	9.1	13.7	18.2	22.7	27.1	31.5	36.5	44.8	53.5
-85°	0.0	3.0	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
-87.5°	0.0	1.5	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	16.2	17.5	18.8	20.1	21.3	22.5	23.6	24.7	25.8	26.8	27.8
85°	32.3	35.0	40.2	45.2	50.2	54.9	59.5	63.9	68.2	72.2	76.0
82.5°	61.7	69.8	77.6	85.2	92.6	99.8	106.7	113.3	119.6	125.7	131.4
80°	93.8	104.5	115.3	125.2	134.9	144.4	153.6	162.5	171.0	180.0	189.6
77.5°	127.7	141.3	153.8	165.2	177.5	192.4	206.8	220.6	233.9	246.5	258.6
75°	162.6	178.2	195.3	212.1	229.8	247.7	265.0	281.8	298.1	314.8	331.5
72.5°	199.4	220.6	241.2	261.2	283.4	305.1	325.1	343.3	363.9	386.5	407.3
70°	238.4	262.9	288.8	314.5	339.6	363.9	388.6	413.4	438.5	462.9	486.3
67.5°	277.5	308.3	338.3	367.5	396.0	425.0	454.3	484.4	513.4	541.0	568.0
65°	319.3	353.6	387.2	419.9	451.6	487.1	521.8	555.4	592.0	626.0	655.6
62.5°	359.9	398.3	435.4	472.4	511.0	550.3	590.5	632.6	676.3	707.7	734.8
60°	398.9	442.3	483.7	526.1	569.2	613.4	659.7	704.6	744.4	778.8	807.3
57.5°	437.1	485.6	531.5	577.6	624.6	674.9	725.8	771.6	808.8	841.9	873.2
55°	474.0	527.9	576.6	625.6	679.1	738.0	790.1	831.6	869.6	897.0	926.9
52.5°	509.2	566.8	617.8	672.7	733.9	795.0	846.9	887.1	919.0	947.4	976.6
50°	542.8	600.8	657.4	719.8	784.3	845.7	898.3	935.2	967.3	996.8	1024.9
47.5°	573.3	633.5	697.4	764.2	831.7	892.3	942.6	980.4	1013.6	1043.9	1074.8
45°	602.0	666.7	734.7	807.8	877.0	937.0	982.8	1023.3	1055.3	1089.5	1128.2
42.5°	629.4	698.6	772.5	850.3	921.0	975.9	1020.3	1059.1	1096.0	1137.1	1180.2
40°	656.4	728.4	808.3	890.2	962.1	1009.8	1054.2	1095.4	1137.9	1184.5	1231.6
37.5°	681.6	758.9	841.9	927.3	992.4	1041.8	1087.8	1133.8	1181.5	1231.6	1290.1
35°	704.7	787.0	874.0	956.6	1019.0	1073.0	1122.3	1172.1	1225.5	1286.7	1351.2
32.5°	727.2	812.6	903.9	981.3	1043.4	1101.0	1155.4	1211.8	1272.9	1340.2	1414.0
30°	749.3	837.6	930.0	1006.5	1065.1	1124.1	1187.9	1250.5	1318.5	1393.4	1480.0
27.5°	770.8	860.7	951.8	1026.3	1084.2	1144.2	1212.5	1288.7	1363.0	1445.0	1545.4
25°	790.5	884.6	973.4	1042.0	1100.6	1163.4	1234.8	1315.9	1403.3	1500.8	1623.8
22.5°	809.1	906.1	993.9	1055.3	1114.3	1180.2	1257.0	1342.8	1437.8	1550.8	1701.0
20°	826.6	922.9	1007.5	1067.7	1125.5	1193.6	1276.2	1366.5	1475.0	1611.9	1791.6
17.5°	841.8	937.1	1016.9	1077.7	1137.4	1207.4	1292.6	1386.6	1508.6	1665.9	1878.6
15°	854.8	948.7	1025.0	1085.5	1147.5	1221.7	1309.3	1411.8	1545.3	1718.8	1953.6
12.5°	865.5	957.7	1031.8	1091.1	1155.3	1232.2	1323.6	1436.1	1582.1	1776.4	2054.9
10°	873.9	964.3	1037.2	1094.5	1160.8	1239.2	1334.8	1455.0	1611.8	1824.6	2141.6
7.5°	882.1	970.2	1041.0	1096.0	1164.0	1242.7	1342.7	1468.4	1633.6	1860.9	2210.8
5°	888.0	975.7	1043.2	1099.2	1166.0	1244.2	1348.0	1476.1	1647.2	1884.7	2259.6
2.5°	891.5	979.0	1043.2	1101.7	1166.2	1244.8	1354.2	1480.5	1662.3	1904.9	2287.4
0°	892.6	980.1	1041.3	1102.6	1163.9	1242.6	1356.4	1478.9	1671.4	1916.4	2292.7
-2.5°	891.5	979.0	1043.2	1101.7	1166.2	1244.8	1354.2	1480.5	1662.3	1904.9	2287.4
-5°	888.0	975.7	1043.2	1099.2	1166.0	1244.2	1348.0	1476.1	1647.2	1884.7	2259.6
-7.5°	882.1	970.2	1041.0	1096.0	1164.0	1242.7	1342.7	1468.4	1633.6	1860.9	2210.8
-10°	873.9	964.3	1037.2	1094.5	1160.8	1239.2	1334.8	1455.0	1611.8	1824.6	2141.6
-12.5°	865.5	957.7	1031.8	1091.1	1155.3	1232.2	1323.6	1436.1	1582.1	1776.4	2054.9
-15°	854.8	948.7	1025.0	1085.5	1147.5	1221.7	1309.3	1411.8	1545.3	1718.8	1953.6
-17.5°	841.8	937.1	1016.9	1077.7	1137.4	1207.4	1292.6	1386.6	1508.6	1665.9	1878.6
-20°	826.6	922.9	1007.5	1067.7	1125.5	1193.6	1276.2	1366.5	1475.0	1611.9	1791.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	809.1	906.1	993.9	1055.3	1114.3	1180.2	1257.0	1342.8	1437.8	1550.8	1701.0
-25°	790.5	884.6	973.4	1042.0	1100.6	1163.4	1234.8	1315.9	1403.3	1500.8	1623.8
-27.5°	770.8	860.7	951.8	1026.3	1084.2	1144.2	1212.5	1288.7	1363.0	1445.0	1545.4
-30°	749.3	837.6	930.0	1006.5	1065.1	1124.1	1187.9	1250.5	1318.5	1393.4	1480.0
-32.5°	727.2	812.6	903.9	981.3	1043.4	1101.0	1155.4	1211.8	1272.9	1340.2	1414.0
-35°	704.7	787.0	874.0	956.6	1019.0	1073.0	1122.3	1172.1	1225.5	1286.7	1351.2
-37.5°	681.6	758.9	841.9	927.3	992.4	1041.8	1087.8	1133.8	1181.5	1231.6	1290.1
-40°	656.4	728.4	808.3	890.2	962.1	1009.8	1054.2	1095.4	1137.9	1184.5	1231.6
-42.5°	629.4	698.6	772.5	850.3	921.0	975.9	1020.3	1059.1	1096.0	1137.1	1180.2
-45°	602.0	666.7	734.7	807.8	877.0	937.0	982.8	1023.3	1055.3	1089.5	1128.2
-47.5°	573.3	633.5	697.4	764.2	831.7	892.3	942.6	980.4	1013.6	1043.9	1074.8
-50°	542.8	600.8	657.4	719.8	784.3	845.7	898.3	935.2	967.3	996.8	1024.9
-52.5°	509.2	566.8	617.8	672.7	733.9	795.0	846.9	887.1	919.0	947.4	976.6
-55°	474.0	527.9	576.6	625.6	679.1	738.0	790.1	831.6	869.6	897.0	926.9
-57.5°	437.1	485.6	531.5	577.6	624.6	674.9	725.8	771.6	808.8	841.9	873.2
-60°	398.9	442.3	483.7	526.1	569.2	613.4	659.7	704.6	744.4	778.8	807.3
-62.5°	359.9	398.3	435.4	472.4	511.0	550.3	590.5	632.6	676.3	707.7	734.8
-65°	319.3	353.6	387.2	419.9	451.6	487.1	521.8	555.4	592.0	626.0	655.6
-67.5°	277.5	308.3	338.3	367.5	396.0	425.0	454.3	484.4	513.4	541.0	568.0
-70°	238.4	262.9	288.8	314.5	339.6	363.9	388.6	413.4	438.5	462.9	486.3
-72.5°	199.4	220.6	241.2	261.2	283.4	305.1	325.1	343.3	363.9	386.5	407.3
-75°	162.6	178.2	195.3	212.1	229.8	247.7	265.0	281.8	298.1	314.8	331.5
-77.5°	127.7	141.3	153.8	165.2	177.5	192.4	206.8	220.6	233.9	246.5	258.6
-80°	93.8	104.5	115.3	125.2	134.9	144.4	153.6	162.5	171.0	180.0	189.6
-82.5°	61.7	69.8	77.6	85.2	92.6	99.8	106.7	113.3	119.6	125.7	131.4
-85°	32.3	35.0	40.2	45.2	50.2	54.9	59.5	63.9	68.2	72.2	76.0
-87.5°	16.2	17.5	18.8	20.1	21.3	22.5	23.6	24.7	25.8	26.8	27.8
-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: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-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°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	34.2	34.5
85°	79.6	83.0	86.2	89.1	91.9	92.5	92.8	92.6	92.2	93.4	94.4
82.5°	136.9	143.0	149.2	155.4	161.4	163.7	165.2	166.3	167.0	169.4	171.4
80°	198.7	208.4	217.4	225.5	232.6	237.7	242.3	246.6	250.5	252.3	253.2
77.5°	270.6	282.5	293.5	303.7	313.1	320.5	326.6	331.4	335.1	337.5	339.1
75°	348.1	363.0	376.2	388.5	399.8	407.7	413.2	417.3	420.0	423.0	425.3
72.5°	426.2	443.1	458.9	473.7	486.7	495.9	502.3	507.4	511.3	514.3	515.8
70°	508.4	528.7	546.0	560.9	572.6	581.4	588.3	593.8	598.1	601.0	602.6
67.5°	593.6	615.2	631.5	644.4	655.0	664.2	672.8	679.1	683.3	687.5	692.0
65°	680.2	702.3	718.9	732.7	743.8	755.8	766.8	775.0	780.4	785.4	790.4
62.5°	761.7	786.7	806.0	824.0	842.2	859.4	869.4	877.2	882.6	887.5	893.2
60°	835.8	864.1	887.7	909.5	931.8	954.2	963.4	970.6	977.5	983.9	989.7
57.5°	901.6	931.6	960.3	981.9	1003.2	1024.2	1038.6	1046.5	1051.8	1054.7	1057.2
55°	958.8	988.8	1017.4	1042.3	1065.5	1087.0	1103.1	1110.8	1116.6	1120.3	1122.5
52.5°	1010.1	1042.2	1072.8	1100.4	1125.4	1148.6	1168.7	1179.4	1188.0	1194.1	1196.1
50°	1060.4	1095.2	1128.4	1157.9	1187.0	1214.7	1240.3	1255.0	1265.4	1271.8	1273.9
47.5°	1113.0	1150.8	1186.7	1220.9	1253.9	1286.8	1317.1	1337.3	1352.2	1363.2	1371.1
45°	1167.8	1208.5	1248.1	1288.5	1326.5	1368.8	1407.2	1436.6	1458.3	1477.1	1492.1
42.5°	1223.0	1268.6	1314.1	1366.1	1418.0	1466.1	1511.8	1550.8	1586.3	1621.1	1648.3
40°	1282.9	1332.8	1395.1	1456.7	1520.7	1576.7	1643.3	1702.9	1757.6	1816.6	1865.5
37.5°	1348.3	1412.5	1486.3	1560.2	1643.3	1724.0	1816.9	1908.4	1987.9	2091.3	2174.4
35°	1419.7	1501.0	1588.0	1687.3	1794.5	1921.0	2051.0	2203.5	2333.0	2497.3	2649.1
32.5°	1499.1	1594.8	1707.8	1844.2	1988.8	2191.9	2382.4	2641.0	2862.1	3147.3	3458.8
30°	1579.9	1703.5	1857.3	2033.4	2278.1	2566.3	2902.4	3339.6	3812.5	4301.7	4960.3
27.5°	1675.7	1836.2	2028.2	2300.1	2666.2	3065.1	3749.8	4489.1	5519.0	6334.4	7786.5
25°	1778.9	1977.6	2261.1	2655.3	3161.1	3968.6	5124.3	6462.6	8523.4	10356.5	12463.1
22.5°	1901.1	2170.9	2546.3	3062.6	3944.2	5333.5	7137.4	9885.6	12940.7	15955.9	18711.8
20°	2030.6	2356.4	2881.3	3722.2	5084.8	7093.7	10312.2	14239.2	18294.9	22427.2	25909.5
17.5°	2181.6	2624.2	3315.6	4432.4	6376.5	9815.9	14114.8	19108.1	24406.8	29679.7	34259.9
15°	2311.5	2858.2	3789.3	5462.1	8361.2	12663.2	17946.8	24253.2	30916.4	37759.5	45176.2
12.5°	2477.1	3140.4	4277.4	6313.5	10122.1	15713.7	22178.6	29500.5	37637.2	46723.1	58285.6
10°	2629.1	3436.2	4919.4	7677.5	12238.9	18563.3	25834.0	34141.0	44695.0	58348.9	72295.9
7.5°	2750.9	3670.9	5417.3	8741.9	14014.0	20997.6	29125.3	39085.0	52252.0	68510.7	84446.1
5°	2835.6	3833.5	5773.5	9546.1	15442.0	22858.0	31461.1	42729.6	58621.7	76828.5	93099.7
2.5°	2888.8	3922.5	5947.9	10023.6	16373.3	23977.5	32918.4	45045.8	62525.7	82123.5	98597.5
0°	2914.0	3937.9	5836.8	10255.9	16504.0	23898.4	33051.7	45819.2	63452.0	83561.3	99969.1
-2.5°	2888.8	3922.5	5947.9	10023.6	16373.3	23977.5	32918.4	45045.8	62525.7	82123.5	98597.5
-5°	2835.6	3833.5	5773.5	9546.1	15442.0	22858.0	31461.1	42729.6	58621.7	76828.5	93099.7
-7.5°	2750.9	3670.9	5417.3	8741.9	14014.0	20997.6	29125.3	39085.0	52252.0	68510.7	84446.1
-10°	2629.1	3436.2	4919.4	7677.5	12238.9	18563.3	25834.0	34141.0	44695.0	58348.9	72295.9
-12.5°	2477.1	3140.4	4277.4	6313.5	10122.1	15713.7	22178.6	29500.5	37637.2	46723.1	58285.6
-15°	2311.5	2858.2	3789.3	5462.1	8361.2	12663.2	17946.8	24253.2	30916.4	37759.5	45176.2
-17.5°	2181.6	2624.2	3315.6	4432.4	6376.5	9815.9	14114.8	19108.1	24406.8	29679.7	34259.9
-20°	2030.6	2356.4	2881.3	3722.2	5084.8	7093.7	10312.2	14239.2	18294.9	22427.2	25909.5



REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1901.1	2170.9	2546.3	3062.6	3944.2	5333.5	7137.4	9885.6	12940.7	15955.9	18711.8
-25°	1778.9	1977.6	2261.1	2655.3	3161.1	3968.6	5124.3	6462.6	8523.4	10356.5	12463.1
-27.5°	1675.7	1836.2	2028.2	2300.1	2666.2	3065.1	3749.8	4489.1	5519.0	6334.4	7786.5
-30°	1579.9	1703.5	1857.3	2033.4	2278.1	2566.3	2902.4	3339.6	3812.5	4301.7	4960.3
-32.5°	1499.1	1594.8	1707.8	1844.2	1988.8	2191.9	2382.4	2641.0	2862.1	3147.3	3458.8
-35°	1419.7	1501.0	1588.0	1687.3	1794.5	1921.0	2051.0	2203.5	2333.0	2497.3	2649.1
-37.5°	1348.3	1412.5	1486.3	1560.2	1643.3	1724.0	1816.9	1908.4	1987.9	2091.3	2174.4
-40°	1282.9	1332.8	1395.1	1456.7	1520.7	1576.7	1643.3	1702.9	1757.6	1816.6	1865.5
-42.5°	1223.0	1268.6	1314.1	1366.1	1418.0	1466.1	1511.8	1550.8	1586.3	1621.1	1648.3
-45°	1167.8	1208.5	1248.1	1288.5	1326.5	1368.8	1407.2	1436.6	1458.3	1477.1	1492.1
-47.5°	1113.0	1150.8	1186.7	1220.9	1253.9	1286.8	1317.1	1337.3	1352.2	1363.2	1371.1
-50°	1060.4	1095.2	1128.4	1157.9	1187.0	1214.7	1240.3	1255.0	1265.4	1271.8	1273.9
-52.5°	1010.1	1042.2	1072.8	1100.4	1125.4	1148.6	1168.7	1179.4	1188.0	1194.1	1196.1
-55°	958.8	988.8	1017.4	1042.3	1065.5	1087.0	1103.1	1110.8	1116.6	1120.3	1122.5
-57.5°	901.6	931.6	960.3	981.9	1003.2	1024.2	1038.6	1046.5	1051.8	1054.7	1057.2
-60°	835.8	864.1	887.7	909.5	931.8	954.2	963.4	970.6	977.5	983.9	989.7
-62.5°	761.7	786.7	806.0	824.0	842.2	859.4	869.4	877.2	882.6	887.5	893.2
-65°	680.2	702.3	718.9	732.7	743.8	755.8	766.8	775.0	780.4	785.4	790.4
-67.5°	593.6	615.2	631.5	644.4	655.0	664.2	672.8	679.1	683.3	687.5	692.0
-70°	508.4	528.7	546.0	560.9	572.6	581.4	588.3	593.8	598.1	601.0	602.6
-72.5°	426.2	443.1	458.9	473.7	486.7	495.9	502.3	507.4	511.3	514.3	515.8
-75°	348.1	363.0	376.2	388.5	399.8	407.7	413.2	417.3	420.0	423.0	425.3
-77.5°	270.6	282.5	293.5	303.7	313.1	320.5	326.6	331.4	335.1	337.5	339.1
-80°	198.7	208.4	217.4	225.5	232.6	237.7	242.3	246.6	250.5	252.3	253.2
-82.5°	136.9	143.0	149.2	155.4	161.4	163.7	165.2	166.3	167.0	169.4	171.4
-85°	79.6	83.0	86.2	89.1	91.9	92.5	92.8	92.6	92.2	93.4	94.4
-87.5°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	34.2	34.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-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°	34.7	34.9	35.0	35.0	35.0	34.9	34.7	34.5	34.2	33.8	33.4
85°	95.2	95.8	96.2	96.3	96.2	95.8	95.2	94.4	93.4	92.2	92.6
82.5°	173.0	174.1	174.8	175.0	174.8	174.1	173.0	171.4	169.4	167.0	166.3
80°	253.3	252.7	253.5	253.8	253.5	252.7	253.3	253.2	252.3	250.5	246.6
77.5°	339.8	339.7	340.9	341.3	340.9	339.7	339.8	339.1	337.5	335.1	331.4
75°	426.6	426.9	428.3	428.8	428.3	426.9	426.6	425.3	423.0	420.0	417.3
72.5°	515.7	514.3	515.7	516.3	515.7	514.3	515.7	515.8	514.3	511.3	507.4
70°	602.8	601.6	607.2	612.6	607.2	601.6	602.8	602.6	601.0	598.1	593.8
67.5°	695.2	697.0	703.2	708.8	703.2	697.0	695.2	692.0	687.5	683.3	679.1
65°	793.0	793.3	799.3	805.1	799.3	793.3	793.0	790.4	785.4	780.4	775.0
62.5°	896.6	897.6	903.9	910.1	903.9	897.6	896.6	893.2	887.5	882.6	877.2
60°	993.1	994.1	996.4	997.6	996.4	994.1	993.1	989.7	983.9	977.5	970.6
57.5°	1057.9	1057.0	1057.9	1058.8	1057.9	1057.0	1057.9	1057.2	1054.7	1051.8	1046.5
55°	1122.1	1119.2	1115.8	1111.4	1115.8	1119.2	1122.1	1122.5	1120.3	1116.6	1110.8
52.5°	1194.5	1189.9	1185.7	1181.4	1185.7	1189.9	1194.5	1196.1	1194.1	1188.0	1179.4
50°	1272.6	1268.4	1264.4	1260.1	1264.4	1268.4	1272.6	1273.9	1271.8	1265.4	1255.0
47.5°	1376.5	1378.3	1377.5	1373.9	1377.5	1378.3	1376.5	1371.1	1363.2	1352.2	1337.3
45°	1502.8	1507.9	1508.5	1505.1	1508.5	1507.9	1502.8	1492.1	1477.1	1458.3	1436.6
42.5°	1667.5	1678.5	1684.7	1688.9	1684.7	1678.5	1667.5	1648.3	1621.1	1586.3	1550.8
40°	1901.0	1923.6	1938.0	1951.4	1938.0	1923.6	1901.0	1865.5	1816.6	1757.6	1702.9
37.5°	2235.9	2276.9	2295.2	2284.0	2295.2	2276.9	2235.9	2174.4	2091.3	1987.9	1908.4
35°	2765.9	2843.9	2884.5	2887.8	2884.5	2843.9	2765.9	2649.1	2497.3	2333.0	2203.5
32.5°	3689.1	3848.7	3934.5	3946.6	3934.5	3848.7	3689.1	3458.8	3147.3	2862.1	2641.0
30°	5464.5	5790.1	5943.0	5906.8	5943.0	5790.1	5464.5	4960.3	4301.7	3812.5	3339.6
27.5°	8915.3	9727.5	10208.9	10247.2	10208.9	9727.5	8915.3	7786.5	6334.4	5519.0	4489.1
25°	14329.0	15715.5	16603.4	16617.8	16603.4	15715.5	14329.0	12463.1	10356.5	8523.4	6462.6
22.5°	21260.1	23152.9	24189.9	24371.0	24189.9	23152.9	21260.1	18711.8	15955.9	12940.7	9885.6
20°	29290.2	31808.1	33155.2	33156.8	33155.2	31808.1	29290.2	25909.5	22427.2	18294.9	14239.2
17.5°	39179.6	43268.0	45834.5	46939.3	45834.5	43268.0	39179.6	34259.9	29679.7	24406.8	19108.1
15°	52317.8	59188.2	63305.1	64047.1	63305.1	59188.2	52317.8	45176.2	37759.5	30916.4	24253.2
12.5°	68315.0	77009.7	82854.3	84996.5	82854.3	77009.7	68315.0	58285.6	46723.1	37637.2	29500.5
10°	85017.6	93073.7	99335.1	101439.2	99335.1	93073.7	85017.6	72295.9	58348.9	44695.0	34141.0
7.5°	97083.8	106690.4	113743.4	116840.6	113743.4	106690.4	97083.8	84446.1	68510.7	52252.0	39085.0
5°	106608.9	117975.9	124541.4	127455.3	124541.4	117975.9	106608.9	93099.7	76828.5	58621.7	42729.6
2.5°	112858.5	124090.2	131042.7	133729.6	131042.7	124090.2	112858.5	98597.5	82123.5	62525.7	45045.8
0°	115195.4	126177.7	133047.1	136328.6	133047.1	126177.7	115195.4	99969.1	83561.3	63452.0	45819.2
-2.5°	112858.5	124090.2	131042.7	133729.6	131042.7	124090.2	112858.5	98597.5	82123.5	62525.7	45045.8
-5°	106608.9	117975.9	124541.4	127455.3	124541.4	117975.9	106608.9	93099.7	76828.5	58621.7	42729.6
-7.5°	97083.8	106690.4	113743.4	116840.6	113743.4	106690.4	97083.8	84446.1	68510.7	52252.0	39085.0
-10°	85017.6	93073.7	99335.1	101439.2	99335.1	93073.7	85017.6	72295.9	58348.9	44695.0	34141.0
-12.5°	68315.0	77009.7	82854.3	84996.5	82854.3	77009.7	68315.0	58285.6	46723.1	37637.2	29500.5
-15°	52317.8	59188.2	63305.1	64047.1	63305.1	59188.2	52317.8	45176.2	37759.5	30916.4	24253.2
-17.5°	39179.6	43268.0	45834.5	46939.3	45834.5	43268.0	39179.6	34259.9	29679.7	24406.8	19108.1
-20°	29290.2	31808.1	33155.2	33156.8	33155.2	31808.1	29290.2	25909.5	22427.2	18294.9	14239.2



REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21260.1	23152.9	24189.9	24371.0	24189.9	23152.9	21260.1	18711.8	15955.9	12940.7	9885.6
-25°	14329.0	15715.5	16603.4	16617.8	16603.4	15715.5	14329.0	12463.1	10356.5	8523.4	6462.6
-27.5°	8915.3	9727.5	10208.9	10247.2	10208.9	9727.5	8915.3	7786.5	6334.4	5519.0	4489.1
-30°	5464.5	5790.1	5943.0	5906.8	5943.0	5790.1	5464.5	4960.3	4301.7	3812.5	3339.6
-32.5°	3689.1	3848.7	3934.5	3946.6	3934.5	3848.7	3689.1	3458.8	3147.3	2862.1	2641.0
-35°	2765.9	2843.9	2884.5	2887.8	2884.5	2843.9	2765.9	2649.1	2497.3	2333.0	2203.5
-37.5°	2235.9	2276.9	2295.2	2284.0	2295.2	2276.9	2235.9	2174.4	2091.3	1987.9	1908.4
-40°	1901.0	1923.6	1938.0	1951.4	1938.0	1923.6	1901.0	1865.5	1816.6	1757.6	1702.9
-42.5°	1667.5	1678.5	1684.7	1688.9	1684.7	1678.5	1667.5	1648.3	1621.1	1586.3	1550.8
-45°	1502.8	1507.9	1508.5	1505.1	1508.5	1507.9	1502.8	1492.1	1477.1	1458.3	1436.6
-47.5°	1376.5	1378.3	1377.5	1373.9	1377.5	1378.3	1376.5	1371.1	1363.2	1352.2	1337.3
-50°	1272.6	1268.4	1264.4	1260.1	1264.4	1268.4	1272.6	1273.9	1271.8	1265.4	1255.0
-52.5°	1194.5	1189.9	1185.7	1181.4	1185.7	1189.9	1194.5	1196.1	1194.1	1188.0	1179.4
-55°	1122.1	1119.2	1115.8	1111.4	1115.8	1119.2	1122.1	1122.5	1120.3	1116.6	1110.8
-57.5°	1057.9	1057.0	1057.9	1058.8	1057.9	1057.0	1057.9	1057.2	1054.7	1051.8	1046.5
-60°	993.1	994.1	996.4	997.6	996.4	994.1	993.1	989.7	983.9	977.5	970.6
-62.5°	896.6	897.6	903.9	910.1	903.9	897.6	896.6	893.2	887.5	882.6	877.2
-65°	793.0	793.3	799.3	805.1	799.3	793.3	793.0	790.4	785.4	780.4	775.0
-67.5°	695.2	697.0	703.2	708.8	703.2	697.0	695.2	692.0	687.5	683.3	679.1
-70°	602.8	601.6	607.2	612.6	607.2	601.6	602.8	602.6	601.0	598.1	593.8
-72.5°	515.7	514.3	515.7	516.3	515.7	514.3	515.7	515.8	514.3	511.3	507.4
-75°	426.6	426.9	428.3	428.8	428.3	426.9	426.6	425.3	423.0	420.0	417.3
-77.5°	339.8	339.7	340.9	341.3	340.9	339.7	339.8	339.1	337.5	335.1	331.4
-80°	253.3	252.7	253.5	253.8	253.5	252.7	253.3	253.2	252.3	250.5	246.6
-82.5°	173.0	174.1	174.8	175.0	174.8	174.1	173.0	171.4	169.4	167.0	166.3
-85°	95.2	95.8	96.2	96.3	96.2	95.8	95.2	94.4	93.4	92.2	92.6
-87.5°	34.7	34.9	35.0	35.0	35.0	34.9	34.7	34.5	34.2	33.8	33.4
-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: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-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°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.7
85°	92.8	92.5	91.9	89.1	86.2	83.0	79.6	76.0	72.2	68.2	63.9
82.5°	165.2	163.7	161.4	155.4	149.2	143.0	136.9	131.4	125.7	119.6	113.3
80°	242.3	237.7	232.6	225.5	217.4	208.4	198.7	189.6	180.0	171.0	162.5
77.5°	326.6	320.5	313.1	303.7	293.5	282.5	270.6	258.6	246.5	233.9	220.6
75°	413.2	407.7	399.8	388.5	376.2	363.0	348.1	331.5	314.8	298.1	281.8
72.5°	502.3	495.9	486.7	473.7	458.9	443.1	426.2	407.3	386.5	363.9	343.3
70°	588.3	581.4	572.6	560.9	546.0	528.7	508.4	486.3	462.9	438.5	413.4
67.5°	672.8	664.2	655.0	644.4	631.5	615.2	593.6	568.0	541.0	513.4	484.4
65°	766.8	755.8	743.8	732.7	718.9	702.3	680.2	655.6	626.0	592.0	555.4
62.5°	869.4	859.4	842.2	824.0	806.0	786.7	761.7	734.8	707.7	676.3	632.6
60°	963.4	954.2	931.8	909.5	887.7	864.1	835.8	807.3	778.8	744.4	704.6
57.5°	1038.6	1024.2	1003.2	981.9	960.3	931.6	901.6	873.2	841.9	808.8	771.6
55°	1103.1	1087.0	1065.5	1042.3	1017.4	988.8	958.8	926.9	897.0	869.6	831.6
52.5°	1168.7	1148.6	1125.4	1100.4	1072.8	1042.2	1010.1	976.6	947.4	919.0	887.1
50°	1240.3	1214.7	1187.0	1157.9	1128.4	1095.2	1060.4	1024.9	996.8	967.3	935.2
47.5°	1317.1	1286.8	1253.9	1220.9	1186.7	1150.8	1113.0	1074.8	1043.9	1013.6	980.4
45°	1407.2	1368.8	1326.5	1288.5	1248.1	1208.5	1167.8	1128.2	1089.5	1055.3	1023.3
42.5°	1511.8	1466.1	1418.0	1366.1	1314.1	1268.6	1223.0	1180.2	1137.1	1096.0	1059.1
40°	1643.3	1576.7	1520.7	1456.7	1395.1	1332.8	1282.9	1231.6	1184.5	1137.9	1095.4
37.5°	1816.9	1724.0	1643.3	1560.2	1486.3	1412.5	1348.3	1290.1	1231.6	1181.5	1133.8
35°	2051.0	1921.0	1794.5	1687.3	1588.0	1501.0	1419.7	1351.2	1286.7	1225.5	1172.1
32.5°	2382.4	2191.9	1988.8	1844.2	1707.8	1594.8	1499.1	1414.0	1340.2	1272.9	1211.8
30°	2902.4	2566.3	2278.1	2033.4	1857.3	1703.5	1579.9	1480.0	1393.4	1318.5	1250.5
27.5°	3749.8	3065.1	2666.2	2300.1	2028.2	1836.2	1675.7	1545.4	1445.0	1363.0	1288.7
25°	5124.3	3968.6	3161.1	2655.3	2261.1	1977.6	1778.9	1623.8	1500.8	1403.3	1315.9
22.5°	7137.4	5333.5	3944.2	3062.6	2546.3	2170.9	1901.1	1701.0	1550.8	1437.8	1342.8
20°	10312.2	7093.7	5084.8	3722.2	2881.3	2356.4	2030.6	1791.6	1611.9	1475.0	1366.5
17.5°	14114.8	9815.9	6376.5	4432.4	3315.6	2624.2	2181.6	1878.6	1665.9	1508.6	1386.6
15°	17946.8	12663.2	8361.2	5462.1	3789.3	2858.2	2311.5	1953.6	1718.8	1545.3	1411.8
12.5°	22178.6	15713.7	10122.1	6313.5	4277.4	3140.4	2477.1	2054.9	1776.4	1582.1	1436.1
10°	25834.0	18563.3	12238.9	7677.5	4919.4	3436.2	2629.1	2141.6	1824.6	1611.8	1455.0
7.5°	29125.3	20997.6	14014.0	8741.9	5417.3	3670.9	2750.9	2210.8	1860.9	1633.6	1468.4
5°	31461.1	22858.0	15442.0	9546.1	5773.5	3833.5	2835.6	2259.6	1884.7	1647.2	1476.1
2.5°	32918.4	23977.5	16373.3	10023.6	5947.9	3922.5	2888.8	2287.4	1904.9	1662.3	1480.5
0°	33051.7	23898.4	16504.0	10255.9	5836.8	3937.9	2914.0	2292.7	1916.4	1671.4	1478.9
-2.5°	32918.4	23977.5	16373.3	10023.6	5947.9	3922.5	2888.8	2287.4	1904.9	1662.3	1480.5
-5°	31461.1	22858.0	15442.0	9546.1	5773.5	3833.5	2835.6	2259.6	1884.7	1647.2	1476.1
-7.5°	29125.3	20997.6	14014.0	8741.9	5417.3	3670.9	2750.9	2210.8	1860.9	1633.6	1468.4
-10°	25834.0	18563.3	12238.9	7677.5	4919.4	3436.2	2629.1	2141.6	1824.6	1611.8	1455.0
-12.5°	22178.6	15713.7	10122.1	6313.5	4277.4	3140.4	2477.1	2054.9	1776.4	1582.1	1436.1
-15°	17946.8	12663.2	8361.2	5462.1	3789.3	2858.2	2311.5	1953.6	1718.8	1545.3	1411.8
-17.5°	14114.8	9815.9	6376.5	4432.4	3315.6	2624.2	2181.6	1878.6	1665.9	1508.6	1386.6
-20°	10312.2	7093.7	5084.8	3722.2	2881.3	2356.4	2030.6	1791.6	1611.9	1475.0	1366.5



REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7137.4	5333.5	3944.2	3062.6	2546.3	2170.9	1901.1	1701.0	1550.8	1437.8	1342.8
-25°	5124.3	3968.6	3161.1	2655.3	2261.1	1977.6	1778.9	1623.8	1500.8	1403.3	1315.9
-27.5°	3749.8	3065.1	2666.2	2300.1	2028.2	1836.2	1675.7	1545.4	1445.0	1363.0	1288.7
-30°	2902.4	2566.3	2278.1	2033.4	1857.3	1703.5	1579.9	1480.0	1393.4	1318.5	1250.5
-32.5°	2382.4	2191.9	1988.8	1844.2	1707.8	1594.8	1499.1	1414.0	1340.2	1272.9	1211.8
-35°	2051.0	1921.0	1794.5	1687.3	1588.0	1501.0	1419.7	1351.2	1286.7	1225.5	1172.1
-37.5°	1816.9	1724.0	1643.3	1560.2	1486.3	1412.5	1348.3	1290.1	1231.6	1181.5	1133.8
-40°	1643.3	1576.7	1520.7	1456.7	1395.1	1332.8	1282.9	1231.6	1184.5	1137.9	1095.4
-42.5°	1511.8	1466.1	1418.0	1366.1	1314.1	1268.6	1223.0	1180.2	1137.1	1096.0	1059.1
-45°	1407.2	1368.8	1326.5	1288.5	1248.1	1208.5	1167.8	1128.2	1089.5	1055.3	1023.3
-47.5°	1317.1	1286.8	1253.9	1220.9	1186.7	1150.8	1113.0	1074.8	1043.9	1013.6	980.4
-50°	1240.3	1214.7	1187.0	1157.9	1128.4	1095.2	1060.4	1024.9	996.8	967.3	935.2
-52.5°	1168.7	1148.6	1125.4	1100.4	1072.8	1042.2	1010.1	976.6	947.4	919.0	887.1
-55°	1103.1	1087.0	1065.5	1042.3	1017.4	988.8	958.8	926.9	897.0	869.6	831.6
-57.5°	1038.6	1024.2	1003.2	981.9	960.3	931.6	901.6	873.2	841.9	808.8	771.6
-60°	963.4	954.2	931.8	909.5	887.7	864.1	835.8	807.3	778.8	744.4	704.6
-62.5°	869.4	859.4	842.2	824.0	806.0	786.7	761.7	734.8	707.7	676.3	632.6
-65°	766.8	755.8	743.8	732.7	718.9	702.3	680.2	655.6	626.0	592.0	555.4
-67.5°	672.8	664.2	655.0	644.4	631.5	615.2	593.6	568.0	541.0	513.4	484.4
-70°	588.3	581.4	572.6	560.9	546.0	528.7	508.4	486.3	462.9	438.5	413.4
-72.5°	502.3	495.9	486.7	473.7	458.9	443.1	426.2	407.3	386.5	363.9	343.3
-75°	413.2	407.7	399.8	388.5	376.2	363.0	348.1	331.5	314.8	298.1	281.8
-77.5°	326.6	320.5	313.1	303.7	293.5	282.5	270.6	258.6	246.5	233.9	220.6
-80°	242.3	237.7	232.6	225.5	217.4	208.4	198.7	189.6	180.0	171.0	162.5
-82.5°	165.2	163.7	161.4	155.4	149.2	143.0	136.9	131.4	125.7	119.6	113.3
-85°	92.8	92.5	91.9	89.1	86.2	83.0	79.6	76.0	72.2	68.2	63.9
-87.5°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.7
-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: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-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°	23.6	22.5	21.3	20.1	18.8	17.5	16.2	14.8	13.4	12.0	10.5
85°	59.5	54.9	50.2	45.2	40.2	35.0	32.3	29.6	26.8	23.9	21.0
82.5°	106.7	99.8	92.6	85.2	77.6	69.8	61.7	53.5	44.8	36.5	31.5
80°	153.6	144.4	134.9	125.2	115.3	104.5	93.8	82.6	70.4	58.7	47.5
77.5°	206.8	192.4	177.5	165.2	153.8	141.3	127.7	112.4	95.7	80.6	66.1
75°	265.0	247.7	229.8	212.1	195.3	178.2	162.6	144.7	123.8	102.6	84.5
72.5°	325.1	305.1	283.4	261.2	241.2	220.6	199.4	176.6	152.7	128.4	103.7
70°	388.6	363.9	339.6	314.5	288.8	262.9	238.4	211.0	181.2	153.8	126.0
67.5°	454.3	425.0	396.0	367.5	338.3	308.3	277.5	245.6	212.5	178.9	148.0
65°	521.8	487.1	451.6	419.9	387.2	353.6	319.3	280.4	243.2	206.2	169.6
62.5°	590.5	550.3	511.0	472.4	435.4	398.3	359.9	316.2	273.6	233.1	192.4
60°	659.7	613.4	569.2	526.1	483.7	442.3	398.9	351.0	304.5	259.3	215.4
57.5°	725.8	674.9	624.6	577.6	531.5	485.6	437.1	385.4	334.3	285.4	237.9
55°	790.1	738.0	679.1	625.6	576.6	527.9	474.0	419.2	363.5	310.6	259.7
52.5°	846.9	795.0	733.9	672.7	617.8	566.8	509.2	452.0	393.0	334.9	280.8
50°	898.3	845.7	784.3	719.8	657.4	600.8	542.8	482.4	421.6	358.7	301.3
47.5°	942.6	892.3	831.7	764.2	697.4	633.5	573.3	511.1	449.1	383.2	321.1
45°	982.8	937.0	877.0	807.8	734.7	666.7	602.0	538.3	473.4	406.8	340.1
42.5°	1020.3	975.9	921.0	850.3	772.5	698.6	629.4	563.3	496.3	429.2	359.0
40°	1054.2	1009.8	962.1	890.2	808.3	728.4	656.4	586.9	517.8	449.7	377.4
37.5°	1087.8	1041.8	992.4	927.3	841.9	758.9	681.6	609.2	538.4	468.0	394.7
35°	1122.3	1073.0	1019.0	956.6	874.0	787.0	704.7	630.2	557.8	485.1	410.7
32.5°	1155.4	1101.0	1043.4	981.3	903.9	812.6	727.2	650.5	576.0	501.2	425.6
30°	1187.9	1124.1	1065.1	1006.5	930.0	837.6	749.3	669.4	592.9	516.1	439.1
27.5°	1212.5	1144.2	1084.2	1026.3	951.8	860.7	770.8	686.9	608.5	529.9	451.0
25°	1234.8	1163.4	1100.6	1042.0	973.4	884.6	790.5	702.9	622.7	542.4	461.9
22.5°	1257.0	1180.2	1114.3	1055.3	993.9	906.1	809.1	718.8	635.5	553.6	471.6
20°	1276.2	1193.6	1125.5	1067.7	1007.5	922.9	826.6	733.0	646.8	563.6	480.3
17.5°	1292.6	1207.4	1137.4	1077.7	1016.9	937.1	841.8	745.4	656.7	572.3	487.8
15°	1309.3	1221.7	1147.5	1085.5	1025.0	948.7	854.8	756.0	665.0	579.7	494.8
12.5°	1323.6	1232.2	1155.3	1091.1	1031.8	957.7	865.5	764.6	671.9	586.5	501.3
10°	1334.8	1239.2	1160.8	1094.5	1037.2	964.3	873.9	772.6	680.0	592.7	506.7
7.5°	1342.7	1242.7	1164.0	1096.0	1041.0	970.2	882.1	781.4	687.3	597.6	510.9
5°	1348.0	1244.2	1166.0	1099.2	1043.2	975.7	888.0	788.3	693.1	601.0	513.9
2.5°	1354.2	1244.8	1166.2	1101.7	1043.2	979.0	891.5	793.3	697.4	603.1	515.7
0°	1356.4	1242.6	1163.9	1102.6	1041.3	980.1	892.6	796.3	700.1	603.8	516.3
-2.5°	1354.2	1244.8	1166.2	1101.7	1043.2	979.0	891.5	793.3	697.4	603.1	515.7
-5°	1348.0	1244.2	1166.0	1099.2	1043.2	975.7	888.0	788.3	693.1	601.0	513.9
-7.5°	1342.7	1242.7	1164.0	1096.0	1041.0	970.2	882.1	781.4	687.3	597.6	510.9
-10°	1334.8	1239.2	1160.8	1094.5	1037.2	964.3	873.9	772.6	680.0	592.7	506.7
-12.5°	1323.6	1232.2	1155.3	1091.1	1031.8	957.7	865.5	764.6	671.9	586.5	501.3
-15°	1309.3	1221.7	1147.5	1085.5	1025.0	948.7	854.8	756.0	665.0	579.7	494.8
-17.5°	1292.6	1207.4	1137.4	1077.7	1016.9	937.1	841.8	745.4	656.7	572.3	487.8
-20°	1276.2	1193.6	1125.5	1067.7	1007.5	922.9	826.6	733.0	646.8	563.6	480.3

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REPORT NUMBER: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1257.0	1180.2	1114.3	1055.3	993.9	906.1	809.1	718.8	635.5	553.6	471.6
-25°	1234.8	1163.4	1100.6	1042.0	973.4	884.6	790.5	702.9	622.7	542.4	461.9
-27.5°	1212.5	1144.2	1084.2	1026.3	951.8	860.7	770.8	686.9	608.5	529.9	451.0
-30°	1187.9	1124.1	1065.1	1006.5	930.0	837.6	749.3	669.4	592.9	516.1	439.1
-32.5°	1155.4	1101.0	1043.4	981.3	903.9	812.6	727.2	650.5	576.0	501.2	425.6
-35°	1122.3	1073.0	1019.0	956.6	874.0	787.0	704.7	630.2	557.8	485.1	410.7
-37.5°	1087.8	1041.8	992.4	927.3	841.9	758.9	681.6	609.2	538.4	468.0	394.7
-40°	1054.2	1009.8	962.1	890.2	808.3	728.4	656.4	586.9	517.8	449.7	377.4
-42.5°	1020.3	975.9	921.0	850.3	772.5	698.6	629.4	563.3	496.3	429.2	359.0
-45°	982.8	937.0	877.0	807.8	734.7	666.7	602.0	538.3	473.4	406.8	340.1
-47.5°	942.6	892.3	831.7	764.2	697.4	633.5	573.3	511.1	449.1	383.2	321.1
-50°	898.3	845.7	784.3	719.8	657.4	600.8	542.8	482.4	421.6	358.7	301.3
-52.5°	846.9	795.0	733.9	672.7	617.8	566.8	509.2	452.0	393.0	334.9	280.8
-55°	790.1	738.0	679.1	625.6	576.6	527.9	474.0	419.2	363.5	310.6	259.7
-57.5°	725.8	674.9	624.6	577.6	531.5	485.6	437.1	385.4	334.3	285.4	237.9
-60°	659.7	613.4	569.2	526.1	483.7	442.3	398.9	351.0	304.5	259.3	215.4
-62.5°	590.5	550.3	511.0	472.4	435.4	398.3	359.9	316.2	273.6	233.1	192.4
-65°	521.8	487.1	451.6	419.9	387.2	353.6	319.3	280.4	243.2	206.2	169.6
-67.5°	454.3	425.0	396.0	367.5	338.3	308.3	277.5	245.6	212.5	178.9	148.0
-70°	388.6	363.9	339.6	314.5	288.8	262.9	238.4	211.0	181.2	153.8	126.0
-72.5°	325.1	305.1	283.4	261.2	241.2	220.6	199.4	176.6	152.7	128.4	103.7
-75°	265.0	247.7	229.8	212.1	195.3	178.2	162.6	144.7	123.8	102.6	84.5
-77.5°	206.8	192.4	177.5	165.2	153.8	141.3	127.7	112.4	95.7	80.6	66.1
-80°	153.6	144.4	134.9	125.2	115.3	104.5	93.8	82.6	70.4	58.7	47.5
-82.5°	106.7	99.8	92.6	85.2	77.6	69.8	61.7	53.5	44.8	36.5	31.5
-85°	59.5	54.9	50.2	45.2	40.2	35.0	32.3	29.6	26.8	23.9	21.0
-87.5°	23.6	22.5	21.3	20.1	18.8	17.5	16.2	14.8	13.4	12.0	10.5
-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: P627925 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-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°	9.1	7.6	6.1	4.6	3.0	1.5	0.0
85°	18.1	15.1	12.1	9.1	6.1	3.0	0.0
82.5°	27.1	22.7	18.2	13.7	9.1	4.6	0.0
80°	36.9	30.2	24.2	18.2	12.1	6.1	0.0
77.5°	52.4	39.5	30.2	22.7	15.1	7.6	0.0
75°	67.9	52.4	36.9	27.1	18.1	9.1	0.0
72.5°	83.2	65.2	47.1	31.5	21.0	10.5	0.0
70°	98.8	77.8	57.2	36.4	23.9	12.0	0.0
67.5°	117.8	90.2	67.1	43.9	26.8	13.4	0.0
65°	136.6	104.1	76.9	51.2	29.6	14.8	0.0
62.5°	155.0	119.5	86.5	58.4	32.3	16.2	0.0
60°	173.0	134.5	95.8	65.5	35.0	17.5	0.0
57.5°	191.9	149.1	107.4	72.3	39.5	18.8	0.0
55°	210.4	163.4	118.8	79.0	44.0	20.1	0.0
52.5°	228.2	177.4	129.9	85.4	48.3	21.3	0.0
50°	245.2	191.5	140.6	91.7	52.4	22.5	0.0
47.5°	261.6	205.0	151.0	98.2	56.5	23.6	0.0
45°	277.9	217.9	160.9	105.6	60.3	24.7	0.0
42.5°	293.4	230.1	170.5	112.7	64.0	25.8	0.0
40°	308.2	241.6	179.6	119.5	67.6	26.8	0.0
37.5°	322.2	252.5	188.4	125.7	70.9	27.8	0.0
35°	335.5	263.2	196.5	131.6	74.1	28.7	0.0
32.5°	348.0	273.5	204.2	137.0	77.1	29.5	0.0
30°	359.8	283.1	211.2	141.9	79.8	30.3	0.0
27.5°	370.7	291.9	217.6	146.4	82.4	31.0	0.0
25°	380.4	300.0	223.5	150.5	84.8	31.7	0.0
22.5°	389.2	307.4	229.0	154.1	86.9	32.3	0.0
20°	396.8	313.7	234.0	157.2	88.9	32.9	0.0
17.5°	403.8	319.1	238.4	159.9	90.6	33.4	0.0
15°	410.1	323.7	242.4	162.2	92.1	33.8	0.0
12.5°	415.6	327.3	245.8	163.9	93.4	34.2	0.0
10°	420.3	330.0	248.6	165.3	94.4	34.5	0.0
7.5°	423.9	331.9	250.9	166.2	95.2	34.7	0.0
5°	426.6	332.9	252.5	166.6	95.8	34.9	0.0
2.5°	428.2	333.1	253.5	166.7	96.2	35.0	0.0
0°	428.8	332.5	253.8	166.3	96.3	35.0	0.0
-2.5°	428.2	333.1	253.5	166.7	96.2	35.0	0.0
-5°	426.6	332.9	252.5	166.6	95.8	34.9	0.0
-7.5°	423.9	331.9	250.9	166.2	95.2	34.7	0.0
-10°	420.3	330.0	248.6	165.3	94.4	34.5	0.0
-12.5°	415.6	327.3	245.8	163.9	93.4	34.2	0.0
-15°	410.1	323.7	242.4	162.2	92.1	33.8	0.0
-17.5°	403.8	319.1	238.4	159.9	90.6	33.4	0.0
-20°	396.8	313.7	234.0	157.2	88.9	32.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	389.2	307.4	229.0	154.1	86.9	32.3	0.0
-25°	380.4	300.0	223.5	150.5	84.8	31.7	0.0
-27.5°	370.7	291.9	217.6	146.4	82.4	31.0	0.0
-30°	359.8	283.1	211.2	141.9	79.8	30.3	0.0
-32.5°	348.0	273.5	204.2	137.0	77.1	29.5	0.0
-35°	335.5	263.2	196.5	131.6	74.1	28.7	0.0
-37.5°	322.2	252.5	188.4	125.7	70.9	27.8	0.0
-40°	308.2	241.6	179.6	119.5	67.6	26.8	0.0
-42.5°	293.4	230.1	170.5	112.7	64.0	25.8	0.0
-45°	277.9	217.9	160.9	105.6	60.3	24.7	0.0
-47.5°	261.6	205.0	151.0	98.2	56.5	23.6	0.0
-50°	245.2	191.5	140.6	91.7	52.4	22.5	0.0
-52.5°	228.2	177.4	129.9	85.4	48.3	21.3	0.0
-55°	210.4	163.4	118.8	79.0	44.0	20.1	0.0
-57.5°	191.9	149.1	107.4	72.3	39.5	18.8	0.0
-60°	173.0	134.5	95.8	65.5	35.0	17.5	0.0
-62.5°	155.0	119.5	86.5	58.4	32.3	16.2	0.0
-65°	136.6	104.1	76.9	51.2	29.6	14.8	0.0
-67.5°	117.8	90.2	67.1	43.9	26.8	13.4	0.0
-70°	98.8	77.8	57.2	36.4	23.9	12.0	0.0
-72.5°	83.2	65.2	47.1	31.5	21.0	10.5	0.0
-75°	67.9	52.4	36.9	27.1	18.1	9.1	0.0
-77.5°	52.4	39.5	30.2	22.7	15.1	7.6	0.0
-80°	36.9	30.2	24.2	18.2	12.1	6.1	0.0
-82.5°	27.1	22.7	18.2	13.7	9.1	4.6	0.0
-85°	18.1	15.1	12.1	9.1	6.1	3.0	0.0
-87.5°	9.1	7.6	6.1	4.6	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)