

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-727-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, WIDE SYMMETRICAL ROUND N112
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

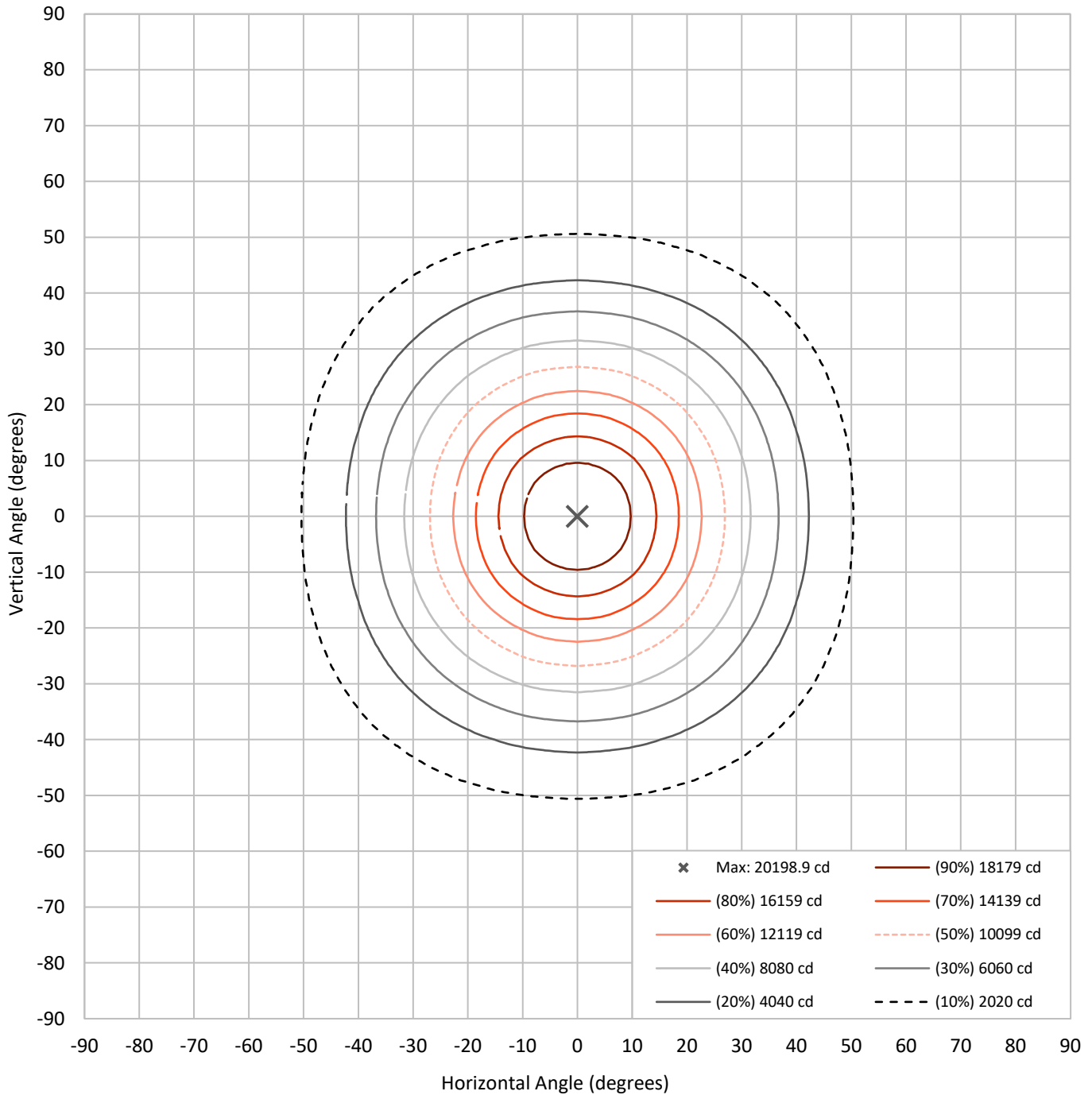
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20557.8 lumens	Max Intensity:	20198.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	9829.5 lumens	Field Lumens:	18143 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (A _{in}):	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





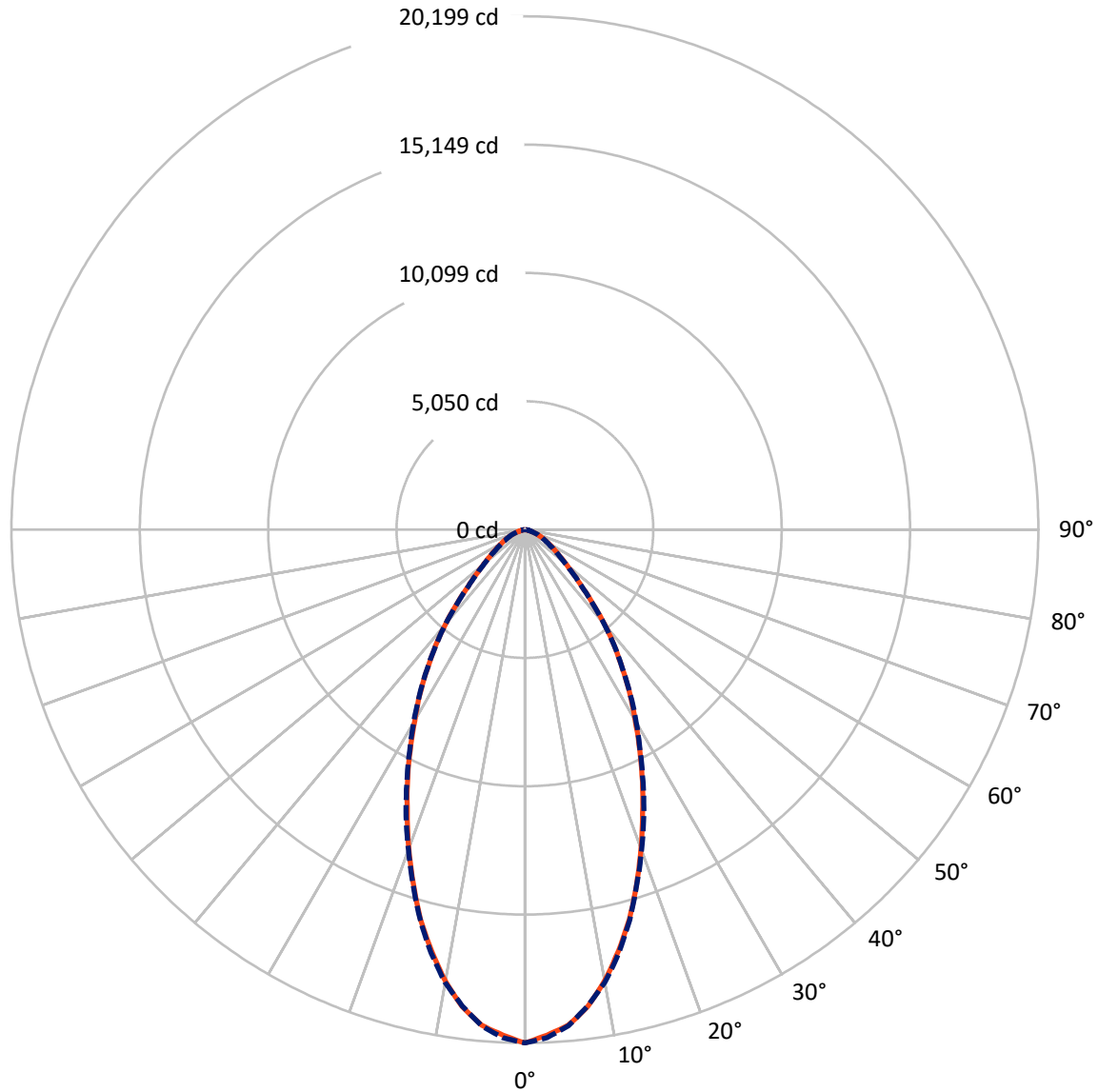
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Lumen Table

90																			
80	0.8	5.7		12.9		21.5		18.4		21.5		12.9		5.7		0.8			
70																			
60	2.7	3.1	5.9	9.4	13.7	17.8	20.9	22.4	22.4	20.9	17.8	13.7	9.4	5.9	3.1	2.7			
50		4.4	8.9	15.4	23.7	32.5	40.6	45.3	45.3	40.6	32.5	23.7	15.4	8.9	4.4				
40	3.9	5.7	12.3	23.0	38.8	59.7	82.3	97.3	97.3	82.3	59.7	38.8	23.0	12.3	5.7	3.9			
30		6.9	16.1	33.5	65.2	115.7	168.1	199.4	199.4	168.1	115.7	65.2	33.5	16.1	6.9				
20	4.7	8.0	20.1	46.9	105.3	189.3	270.9	323.9	323.9	270.9	189.3	105.3	46.9	20.1	8.0	4.7			
10		8.9	23.6	60.8	143.8	255.7	377.5	464.4	464.4	377.5	255.7	143.8	60.8	23.6	8.9				
0	4.9	9.4	25.5	69.8	165.5	297.3	452.3	568.8	568.8	452.3	297.3	165.5	69.8	25.5	9.4	4.9			
-10		9.4	25.5	69.8	165.5	297.3	452.3	568.8	568.8	452.3	297.3	165.5	69.8	25.5	9.4				
-20	4.7	8.9	23.6	60.8	143.8	255.7	377.5	464.4	464.4	377.5	255.7	143.8	60.8	23.6	8.9	4.7			
-30		8.0	20.1	46.9	105.3	189.3	270.9	323.9	323.9	270.9	189.3	105.3	46.9	20.1	8.0				
-40	3.9	6.9	16.1	33.5	65.2	115.7	168.1	199.4	199.4	168.1	115.7	65.2	33.5	16.1	6.9	3.9			
-50		5.7	12.3	23.0	38.8	59.7	82.3	97.3	97.3	82.3	59.7	38.8	23.0	12.3	5.7				
-60	2.7	4.4	8.9	15.4	23.7	32.5	40.6	45.3	45.3	40.6	32.5	23.7	15.4	8.9	4.4	2.7			
-70		3.1	5.9	9.4	13.7	17.8	20.9	22.4	22.4	20.9	17.8	13.7	9.4	5.9	3.1				
-80	0.8	5.7		12.9		21.5		18.4		21.5		12.9		5.7		0.8			
-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

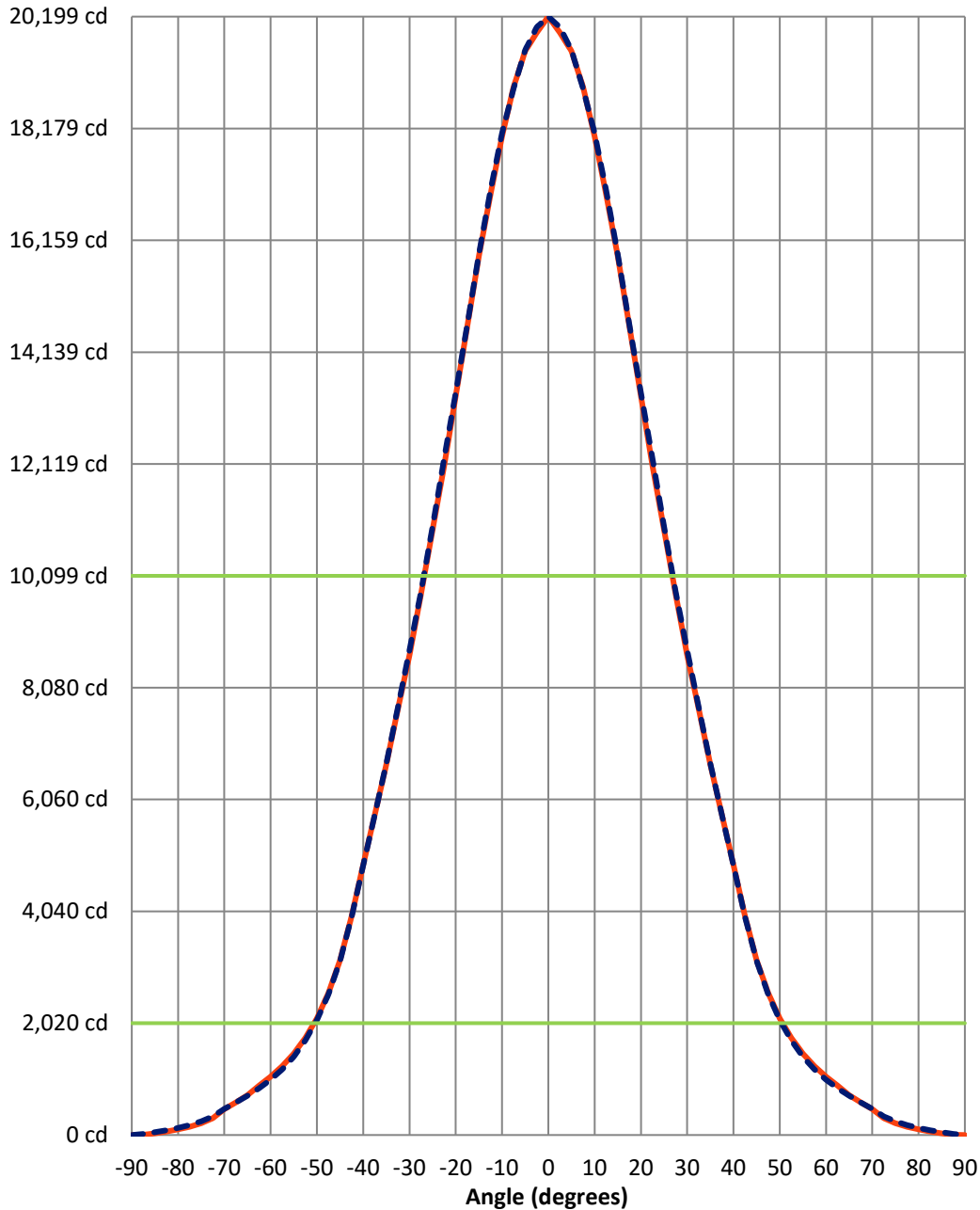


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 9829.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 18143
 Efficiency: 88.3%

Spill:
 Lumens: 2414.8
 Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.4	3.9	5.6	7.5	9.6	10.6	11.5	12.2	12.7
85°	0.0	2.1	4.7	7.7	11.1	14.9	19.2	21.2	23.0	24.3	25.4
82.5°	0.0	3.1	7.0	11.5	16.6	22.3	28.6	31.9	35.1	40.7	45.7
80°	0.0	4.1	9.4	15.3	22.1	29.7	38.9	48.4	56.6	63.9	70.4
77.5°	0.0	5.1	11.6	19.1	27.5	38.6	55.5	67.8	78.0	87.1	96.2
75°	0.0	6.1	13.9	22.7	33.2	50.4	71.7	87.1	99.4	111.8	125.1
72.5°	0.0	7.0	16.1	26.3	41.2	61.9	87.4	106.1	120.9	136.7	153.6
70°	0.0	8.0	18.2	30.1	48.9	73.0	102.2	124.1	142.0	161.2	183.8
67.5°	0.0	8.9	20.3	34.8	56.2	83.5	115.1	141.6	162.7	186.5	213.6
65°	0.0	9.8	22.3	39.3	63.2	93.2	127.4	158.8	183.1	210.9	241.8
62.5°	0.0	10.7	24.3	43.5	69.8	102.1	138.9	175.1	202.7	234.3	268.1
60°	0.0	11.5	26.1	47.5	75.9	110.5	149.8	190.5	221.4	256.9	293.5
57.5°	0.0	12.4	28.4	51.2	81.7	118.2	159.6	204.4	240.3	278.8	317.0
55°	0.0	13.1	30.6	54.7	87.0	125.4	168.6	215.5	258.8	299.7	339.4
52.5°	0.0	13.9	32.7	57.8	91.8	131.9	176.9	227.5	276.5	319.7	361.4
50°	0.0	14.6	34.7	60.7	96.3	137.9	184.4	238.8	293.6	339.2	385.5
47.5°	0.0	15.3	36.6	63.3	100.2	143.3	191.4	249.1	310.5	358.2	409.1
45°	0.0	15.9	38.4	65.9	103.7	148.1	199.2	258.4	322.7	378.6	431.9
42.5°	0.0	16.5	40.2	68.2	106.8	152.3	206.2	267.5	333.8	398.4	455.6
40°	0.0	17.1	41.8	70.7	109.5	155.8	212.3	276.3	344.8	416.7	478.5
37.5°	0.0	17.6	43.3	73.2	111.9	158.7	217.5	284.3	356.8	431.2	500.2
35°	0.0	18.0	44.7	75.5	113.9	161.9	221.8	291.4	368.3	447.2	522.5
32.5°	0.0	18.5	45.9	77.7	115.4	165.0	225.8	297.6	379.3	463.3	545.2
30°	0.0	18.9	47.1	79.6	116.4	167.4	230.3	303.7	389.7	479.7	566.6
27.5°	0.0	19.2	48.1	81.3	118.9	169.1	233.9	311.2	400.5	496.1	586.7
25°	0.0	19.5	49.0	82.8	121.3	170.1	236.7	317.9	412.6	512.2	605.4
22.5°	0.0	19.7	49.8	84.0	123.4	171.4	238.7	323.9	424.1	526.9	625.9
20°	0.0	19.9	50.5	85.1	125.2	174.5	239.9	328.9	435.0	540.2	644.3
17.5°	0.0	20.1	51.0	85.9	126.7	177.1	242.6	332.9	445.0	551.9	660.4
15°	0.0	20.2	51.5	86.5	127.9	179.1	245.8	336.7	454.0	562.0	674.2
12.5°	0.0	20.3	51.8	86.9	128.8	180.6	248.2	340.2	461.6	570.4	685.8
10°	0.0	20.3	51.9	87.1	129.4	181.5	249.6	342.1	467.6	577.4	695.1
7.5°	0.0	20.3	52.0	87.0	129.7	181.9	250.2	342.5	471.7	582.8	702.4
5°	0.0	20.2	51.9	86.8	129.6	181.7	250.0	341.5	474.0	586.5	707.2
2.5°	0.0	20.1	51.7	86.4	129.2	181.1	248.9	339.2	474.3	588.4	709.6
0°	0.0	20.0	51.4	85.7	128.5	179.9	247.0	335.5	472.5	588.2	709.5
-2.5°	0.0	20.1	51.7	86.4	129.2	181.1	248.9	339.2	474.3	588.4	709.6
-5°	0.0	20.2	51.9	86.8	129.6	181.7	250.0	341.5	474.0	586.5	707.2
-7.5°	0.0	20.3	52.0	87.0	129.7	181.9	250.2	342.5	471.7	582.8	702.4
-10°	0.0	20.3	51.9	87.1	129.4	181.5	249.6	342.1	467.6	577.4	695.1
-12.5°	0.0	20.3	51.8	86.9	128.8	180.6	248.2	340.2	461.6	570.4	685.8
-15°	0.0	20.2	51.5	86.5	127.9	179.1	245.8	336.7	454.0	562.0	674.2
-17.5°	0.0	20.1	51.0	85.9	126.7	177.1	242.6	332.9	445.0	551.9	660.4
-20°	0.0	19.9	50.5	85.1	125.2	174.5	239.9	328.9	435.0	540.2	644.3

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.7	49.8	84.0	123.4	171.4	238.7	323.9	424.1	526.9	625.9
-25°	0.0	19.5	49.0	82.8	121.3	170.1	236.7	317.9	412.6	512.2	605.4
-27.5°	0.0	19.2	48.1	81.3	118.9	169.1	233.9	311.2	400.5	496.1	586.7
-30°	0.0	18.9	47.1	79.6	116.4	167.4	230.3	303.7	389.7	479.7	566.6
-32.5°	0.0	18.5	45.9	77.7	115.4	165.0	225.8	297.6	379.3	463.3	545.2
-35°	0.0	18.0	44.7	75.5	113.9	161.9	221.8	291.4	368.3	447.2	522.5
-37.5°	0.0	17.6	43.3	73.2	111.9	158.7	217.5	284.3	356.8	431.2	500.2
-40°	0.0	17.1	41.8	70.7	109.5	155.8	212.3	276.3	344.8	416.7	478.5
-42.5°	0.0	16.5	40.2	68.2	106.8	152.3	206.2	267.5	333.8	398.4	455.6
-45°	0.0	15.9	38.4	65.9	103.7	148.1	199.2	258.4	322.7	378.6	431.9
-47.5°	0.0	15.3	36.6	63.3	100.2	143.3	191.4	249.1	310.5	358.2	409.1
-50°	0.0	14.6	34.7	60.7	96.3	137.9	184.4	238.8	293.6	339.2	385.5
-52.5°	0.0	13.9	32.7	57.8	91.8	131.9	176.9	227.5	276.5	319.7	361.4
-55°	0.0	13.1	30.6	54.7	87.0	125.4	168.6	215.5	258.8	299.7	339.4
-57.5°	0.0	12.4	28.4	51.2	81.7	118.2	159.6	204.4	240.3	278.8	317.0
-60°	0.0	11.5	26.1	47.5	75.9	110.5	149.8	190.5	221.4	256.9	293.5
-62.5°	0.0	10.7	24.3	43.5	69.8	102.1	138.9	175.1	202.7	234.3	268.1
-65°	0.0	9.8	22.3	39.3	63.2	93.2	127.4	158.8	183.1	210.9	241.8
-67.5°	0.0	8.9	20.3	34.8	56.2	83.5	115.1	141.6	162.7	186.5	213.6
-70°	0.0	8.0	18.2	30.1	48.9	73.0	102.2	124.1	142.0	161.2	183.8
-72.5°	0.0	7.0	16.1	26.3	41.2	61.9	87.4	106.1	120.9	136.7	153.6
-75°	0.0	6.1	13.9	22.7	33.2	50.4	71.7	87.1	99.4	111.8	125.1
-77.5°	0.0	5.1	11.6	19.1	27.5	38.6	55.5	67.8	78.0	87.1	96.2
-80°	0.0	4.1	9.4	15.3	22.1	29.7	38.9	48.4	56.6	63.9	70.4
-82.5°	0.0	3.1	7.0	11.5	16.6	22.3	28.6	31.9	35.1	40.7	45.7
-85°	0.0	2.1	4.7	7.7	11.1	14.9	19.2	21.2	23.0	24.3	25.4
-87.5°	0.0	1.0	2.4	3.9	5.6	7.5	9.6	10.6	11.5	12.2	12.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	12.9	12.9	12.7	12.3	11.7	11.0	10.1	9.1	9.4	9.8	10.2
85°	25.8	25.8	27.9	29.8	30.7	30.9	30.3	28.9	32.7	37.0	41.6
82.5°	50.3	54.6	58.7	62.6	63.0	62.0	60.1	57.9	65.5	74.7	84.4
80°	77.0	83.4	90.9	97.8	99.4	98.7	96.6	93.0	103.1	117.3	132.7
77.5°	106.9	117.1	126.6	135.4	137.9	137.5	135.9	133.1	145.9	165.6	186.1
75°	138.4	150.8	163.1	173.8	178.4	178.8	178.2	181.2	198.1	221.2	241.5
72.5°	171.3	187.0	200.8	212.7	220.1	225.7	233.2	242.3	259.3	282.0	302.0
70°	206.0	223.5	238.1	251.2	262.5	274.8	290.6	306.3	324.2	346.8	367.6
67.5°	240.3	258.0	274.4	290.6	311.2	331.0	350.6	371.1	393.7	417.5	438.5
65°	272.1	292.1	312.1	335.6	362.4	384.8	409.0	435.7	465.3	492.1	516.4
62.5°	302.5	325.1	349.9	378.3	407.3	435.4	467.9	502.1	536.8	570.3	603.6
60°	328.3	356.4	386.5	418.5	452.1	490.2	528.4	569.1	610.5	650.8	692.0
57.5°	353.0	387.8	422.5	459.8	501.6	545.2	591.0	636.8	686.3	735.1	781.9
55°	378.7	419.6	459.2	503.4	551.2	602.5	654.2	709.8	764.4	825.9	882.7
52.5°	406.2	450.7	497.2	547.7	603.6	661.4	722.1	785.8	853.8	922.2	991.6
50°	432.9	483.1	534.8	595.3	657.8	723.9	793.9	868.2	947.3	1026.5	1110.5
47.5°	460.9	514.5	577.6	643.3	715.0	790.2	869.5	957.7	1045.7	1145.4	1241.7
45°	488.5	550.1	618.6	695.0	773.7	858.3	952.6	1049.6	1161.9	1274.5	1401.0
42.5°	515.0	586.1	663.4	745.0	834.5	931.8	1036.2	1158.1	1284.7	1424.1	1572.6
40°	545.5	620.4	707.5	798.7	895.7	1007.0	1132.5	1267.9	1422.4	1587.5	1756.2
37.5°	574.9	659.2	751.0	850.0	962.6	1087.9	1226.5	1392.4	1570.7	1758.4	1988.0
35°	602.7	696.1	795.9	904.3	1026.2	1171.4	1337.2	1520.6	1726.0	1968.1	2235.9
32.5°	632.1	731.0	838.2	959.8	1097.9	1256.4	1444.8	1660.6	1903.7	2179.4	2514.5
30°	661.7	767.0	880.2	1011.8	1165.4	1348.9	1562.9	1801.5	2081.0	2426.9	2820.3
27.5°	689.1	800.6	924.6	1066.9	1231.1	1434.1	1676.4	1956.1	2285.4	2676.3	3135.9
25°	714.3	831.2	965.4	1119.4	1303.5	1526.2	1788.9	2098.6	2490.0	2956.1	3521.4
22.5°	738.3	859.1	1002.3	1166.6	1368.8	1615.4	1911.0	2265.4	2698.0	3221.1	3899.0
20°	760.8	889.2	1039.0	1211.8	1427.1	1695.8	2023.2	2421.1	2913.4	3532.6	4269.4
17.5°	780.6	915.8	1073.6	1260.6	1492.1	1777.6	2129.1	2558.5	3105.1	3810.8	4611.1
15°	797.6	938.7	1103.6	1302.9	1550.7	1858.9	2240.2	2709.3	3305.1	4063.8	4911.1
12.5°	811.8	957.9	1128.8	1338.5	1599.8	1927.6	2335.1	2843.6	3499.9	4302.1	5174.6
10°	823.1	973.3	1149.1	1367.2	1639.5	1983.4	2413.3	2953.5	3662.0	4506.4	5397.4
7.5°	832.5	985.3	1164.7	1389.0	1669.5	2026.0	2474.2	3038.3	3788.6	4668.1	5568.4
5°	839.2	993.9	1176.5	1404.2	1691.5	2055.7	2516.7	3097.6	3878.7	4785.3	5685.3
2.5°	842.9	998.6	1183.3	1412.3	1705.0	2072.5	2539.0	3134.8	3928.2	4852.2	5756.0
0°	843.7	999.3	1184.9	1413.3	1708.8	2075.7	2542.5	3146.4	3938.7	4869.5	5781.7
-2.5°	842.9	998.6	1183.3	1412.3	1705.0	2072.5	2539.0	3134.8	3928.2	4852.2	5756.0
-5°	839.2	993.9	1176.5	1404.2	1691.5	2055.7	2516.7	3097.6	3878.7	4785.3	5685.3
-7.5°	832.5	985.3	1164.7	1389.0	1669.5	2026.0	2474.2	3038.3	3788.6	4668.1	5568.4
-10°	823.1	973.3	1149.1	1367.2	1639.5	1983.4	2413.3	2953.5	3662.0	4506.4	5397.4
-12.5°	811.8	957.9	1128.8	1338.5	1599.8	1927.6	2335.1	2843.6	3499.9	4302.1	5174.6
-15°	797.6	938.7	1103.6	1302.9	1550.7	1858.9	2240.2	2709.3	3305.1	4063.8	4911.1
-17.5°	780.6	915.8	1073.6	1260.6	1492.1	1777.6	2129.1	2558.5	3105.1	3810.8	4611.1
-20°	760.8	889.2	1039.0	1211.8	1427.1	1695.8	2023.2	2421.1	2913.4	3532.6	4269.4

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REPORT NUMBER: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	738.3	859.1	1002.3	1166.6	1368.8	1615.4	1911.0	2265.4	2698.0	3221.1	3899.0
-25°	714.3	831.2	965.4	1119.4	1303.5	1526.2	1788.9	2098.6	2490.0	2956.1	3521.4
-27.5°	689.1	800.6	924.6	1066.9	1231.1	1434.1	1676.4	1956.1	2285.4	2676.3	3135.9
-30°	661.7	767.0	880.2	1011.8	1165.4	1348.9	1562.9	1801.5	2081.0	2426.9	2820.3
-32.5°	632.1	731.0	838.2	959.8	1097.9	1256.4	1444.8	1660.6	1903.7	2179.4	2514.5
-35°	602.7	696.1	795.9	904.3	1026.2	1171.4	1337.2	1520.6	1726.0	1968.1	2235.9
-37.5°	574.9	659.2	751.0	850.0	962.6	1087.9	1226.5	1392.4	1570.7	1758.4	1988.0
-40°	545.5	620.4	707.5	798.7	895.7	1007.0	1132.5	1267.9	1422.4	1587.5	1756.2
-42.5°	515.0	586.1	663.4	745.0	834.5	931.8	1036.2	1158.1	1284.7	1424.1	1572.6
-45°	488.5	550.1	618.6	695.0	773.7	858.3	952.6	1049.6	1161.9	1274.5	1401.0
-47.5°	460.9	514.5	577.6	643.3	715.0	790.2	869.5	957.7	1045.7	1145.4	1241.7
-50°	432.9	483.1	534.8	595.3	657.8	723.9	793.9	868.2	947.3	1026.5	1110.5
-52.5°	406.2	450.7	497.2	547.7	603.6	661.4	722.1	785.8	853.8	922.2	991.6
-55°	378.7	419.6	459.2	503.4	551.2	602.5	654.2	709.8	764.4	825.9	882.7
-57.5°	353.0	387.8	422.5	459.8	501.6	545.2	591.0	636.8	686.3	735.1	781.9
-60°	328.3	356.4	386.5	418.5	452.1	490.2	528.4	569.1	610.5	650.8	692.0
-62.5°	302.5	325.1	349.9	378.3	407.3	435.4	467.9	502.1	536.8	570.3	603.6
-65°	272.1	292.1	312.1	335.6	362.4	384.8	409.0	435.7	465.3	492.1	516.4
-67.5°	240.3	258.0	274.4	290.6	311.2	331.0	350.6	371.1	393.7	417.5	438.5
-70°	206.0	223.5	238.1	251.2	262.5	274.8	290.6	306.3	324.2	346.8	367.6
-72.5°	171.3	187.0	200.8	212.7	220.1	225.7	233.2	242.3	259.3	282.0	302.0
-75°	138.4	150.8	163.1	173.8	178.4	178.8	178.2	181.2	198.1	221.2	241.5
-77.5°	106.9	117.1	126.6	135.4	137.9	137.5	135.9	133.1	145.9	165.6	186.1
-80°	77.0	83.4	90.9	97.8	99.4	98.7	96.6	93.0	103.1	117.3	132.7
-82.5°	50.3	54.6	58.7	62.6	63.0	62.0	60.1	57.9	65.5	74.7	84.4
-85°	25.8	25.8	27.9	29.8	30.7	30.9	30.3	28.9	32.7	37.0	41.6
-87.5°	12.9	12.9	12.7	12.3	11.7	11.0	10.1	9.1	9.4	9.8	10.2
-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: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	10.2	9.9	9.5	9.1	8.9	8.7	8.5	8.3	7.7	7.0
85°	46.4	47.5	48.0	48.3	48.3	49.9	51.3	52.6	53.8	48.8	43.2
82.5°	94.4	98.8	102.7	106.6	110.4	113.0	115.0	116.4	117.4	106.3	93.8
80°	148.6	157.9	165.6	173.0	180.0	181.8	181.8	180.8	178.8	163.6	146.4
77.5°	206.6	218.8	228.5	238.1	247.6	251.1	252.7	254.0	254.9	236.0	212.8
75°	259.3	273.9	287.4	300.0	311.6	317.7	321.3	324.3	326.6	307.7	282.8
72.5°	319.4	334.8	349.4	363.3	375.6	383.8	389.1	393.5	396.9	386.1	370.6
70°	385.4	401.3	416.8	431.3	445.2	456.1	464.8	472.2	478.4	479.5	479.0
67.5°	458.8	477.5	495.9	511.7	528.2	543.7	557.3	568.6	577.6	583.6	586.9
65°	541.1	569.3	594.5	615.8	633.6	654.2	672.5	686.4	696.2	703.6	710.0
62.5°	638.1	672.3	701.0	729.5	758.8	787.3	805.1	823.0	840.4	856.9	871.0
60°	731.4	768.9	807.9	844.2	877.7	908.6	940.6	968.9	993.8	1014.5	1029.9
57.5°	830.9	876.6	920.8	966.9	1010.3	1050.7	1090.2	1126.7	1158.2	1184.7	1206.3
55°	938.8	994.7	1047.4	1105.8	1162.5	1214.2	1261.8	1310.6	1354.5	1393.2	1423.9
52.5°	1055.3	1127.9	1197.6	1266.3	1339.8	1406.1	1465.4	1533.0	1593.0	1642.5	1681.2
50°	1194.2	1279.6	1371.6	1456.8	1549.4	1640.7	1724.8	1806.3	1886.0	1955.0	2010.8
47.5°	1352.5	1457.6	1571.6	1684.4	1799.4	1924.2	2035.5	2139.0	2250.4	2347.2	2424.9
45°	1528.5	1662.4	1800.0	1958.6	2104.7	2265.0	2413.4	2546.6	2704.7	2843.9	2956.1
42.5°	1723.6	1902.1	2083.1	2282.8	2476.7	2680.2	2896.3	3088.1	3297.7	3497.6	3659.1
40°	1965.5	2178.9	2421.3	2663.1	2941.3	3202.6	3517.5	3803.7	4063.5	4301.8	4497.1
37.5°	2234.3	2509.0	2813.6	3128.5	3509.1	3882.2	4250.8	4598.8	4906.0	5166.9	5385.7
35°	2539.5	2888.6	3257.4	3717.2	4163.1	4610.0	5026.3	5406.6	5740.8	6035.1	6285.3
32.5°	2890.5	3309.5	3825.8	4342.3	4851.0	5343.0	5800.1	6214.9	6581.3	6911.8	7199.5
30°	3259.6	3831.2	4410.7	4977.3	5532.9	6071.9	6573.6	7030.4	7444.5	7812.3	8143.9
27.5°	3728.6	4362.0	4993.9	5604.7	6216.0	6805.9	7349.5	7857.1	8332.2	8748.0	9126.9
25°	4182.2	4882.0	5553.7	6219.7	6885.1	7518.4	8126.2	8699.5	9243.7	9720.9	10143.9
22.5°	4635.7	5368.2	6086.0	6802.1	7516.9	8222.8	8905.4	9562.2	10170.8	10714.1	11190.4
20°	5055.8	5821.5	6589.1	7361.1	8135.9	8908.6	9675.2	10414.4	11092.3	11719.6	12270.9
17.5°	5432.4	6246.7	7060.5	7886.3	8726.2	9565.2	10416.7	11245.4	12020.4	12734.1	13373.6
15°	5765.9	6615.7	7489.6	8380.7	9282.6	10193.8	11123.0	12050.1	12922.6	13733.2	14447.1
12.5°	6057.5	6940.9	7856.9	8803.7	9782.6	10775.3	11789.3	12805.6	13771.4	14707.4	15478.3
10°	6298.1	7217.6	8175.0	9169.8	10202.1	11270.5	12358.4	13452.4	14516.5	15509.3	16390.9
7.5°	6483.9	7437.8	8424.4	9459.1	10542.1	11668.7	12821.2	13982.1	15117.7	16187.5	17162.9
5°	6614.9	7598.1	8597.2	9673.4	10794.1	11961.5	13159.4	14369.1	15556.3	16681.1	17692.0
2.5°	6691.0	7694.4	8697.7	9803.6	10943.9	12138.7	13369.0	14598.7	15817.2	16983.8	18022.6
0°	6711.1	7723.3	8755.4	9817.5	10991.0	12221.6	13407.9	14641.3	15907.6	17058.3	18093.3
-2.5°	6691.0	7694.4	8697.7	9803.6	10943.9	12138.7	13369.0	14598.7	15817.2	16983.8	18022.6
-5°	6614.9	7598.1	8597.2	9673.4	10794.1	11961.5	13159.4	14369.1	15556.3	16681.1	17692.0
-7.5°	6483.9	7437.8	8424.4	9459.1	10542.1	11668.7	12821.2	13982.1	15117.7	16187.5	17162.9
-10°	6298.1	7217.6	8175.0	9169.8	10202.1	11270.5	12358.4	13452.4	14516.5	15509.3	16390.9
-12.5°	6057.5	6940.9	7856.9	8803.7	9782.6	10775.3	11789.3	12805.6	13771.4	14707.4	15478.3
-15°	5765.9	6615.7	7489.6	8380.7	9282.6	10193.8	11123.0	12050.1	12922.6	13733.2	14447.1
-17.5°	5432.4	6246.7	7060.5	7886.3	8726.2	9565.2	10416.7	11245.4	12020.4	12734.1	13373.6
-20°	5055.8	5821.5	6589.1	7361.1	8135.9	8908.6	9675.2	10414.4	11092.3	11719.6	12270.9

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Scaled Data Report



REPORT NUMBER: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4635.7	5368.2	6086.0	6802.1	7516.9	8222.8	8905.4	9562.2	10170.8	10714.1	11190.4
-25°	4182.2	4882.0	5553.7	6219.7	6885.1	7518.4	8126.2	8699.5	9243.7	9720.9	10143.9
-27.5°	3728.6	4362.0	4993.9	5604.7	6216.0	6805.9	7349.5	7857.1	8332.2	8748.0	9126.9
-30°	3259.6	3831.2	4410.7	4977.3	5532.9	6071.9	6573.6	7030.4	7444.5	7812.3	8143.9
-32.5°	2890.5	3309.5	3825.8	4342.3	4851.0	5343.0	5800.1	6214.9	6581.3	6911.8	7199.5
-35°	2539.5	2888.6	3257.4	3717.2	4163.1	4610.0	5026.3	5406.6	5740.8	6035.1	6285.3
-37.5°	2234.3	2509.0	2813.6	3128.5	3509.1	3882.2	4250.8	4598.8	4906.0	5166.9	5385.7
-40°	1965.5	2178.9	2421.3	2663.1	2941.3	3202.6	3517.5	3803.7	4063.5	4301.8	4497.1
-42.5°	1723.6	1902.1	2083.1	2282.8	2476.7	2680.2	2896.3	3088.1	3297.7	3497.6	3659.1
-45°	1528.5	1662.4	1800.0	1958.6	2104.7	2265.0	2413.4	2546.6	2704.7	2843.9	2956.1
-47.5°	1352.5	1457.6	1571.6	1684.4	1799.4	1924.2	2035.5	2139.0	2250.4	2347.2	2424.9
-50°	1194.2	1279.6	1371.6	1456.8	1549.4	1640.7	1724.8	1806.3	1886.0	1955.0	2010.8
-52.5°	1055.3	1127.9	1197.6	1266.3	1339.8	1406.1	1465.4	1533.0	1593.0	1642.5	1681.2
-55°	938.8	994.7	1047.4	1105.8	1162.5	1214.2	1261.8	1310.6	1354.5	1393.2	1423.9
-57.5°	830.9	876.6	920.8	966.9	1010.3	1050.7	1090.2	1126.7	1158.2	1184.7	1206.3
-60°	731.4	768.9	807.9	844.2	877.7	908.6	940.6	968.9	993.8	1014.5	1029.9
-62.5°	638.1	672.3	701.0	729.5	758.8	787.3	805.1	823.0	840.4	856.9	871.0
-65°	541.1	569.3	594.5	615.8	633.6	654.2	672.5	686.4	696.2	703.6	710.0
-67.5°	458.8	477.5	495.9	511.7	528.2	543.7	557.3	568.6	577.6	583.6	586.9
-70°	385.4	401.3	416.8	431.3	445.2	456.1	464.8	472.2	478.4	479.5	479.0
-72.5°	319.4	334.8	349.4	363.3	375.6	383.8	389.1	393.5	396.9	386.1	370.6
-75°	259.3	273.9	287.4	300.0	311.6	317.7	321.3	324.3	326.6	307.7	282.8
-77.5°	206.6	218.8	228.5	238.1	247.6	251.1	252.7	254.0	254.9	236.0	212.8
-80°	148.6	157.9	165.6	173.0	180.0	181.8	181.8	180.8	178.8	163.6	146.4
-82.5°	94.4	98.8	102.7	106.6	110.4	113.0	115.0	116.4	117.4	106.3	93.8
-85°	46.4	47.5	48.0	48.3	48.3	49.9	51.3	52.6	53.8	48.8	43.2
-87.5°	10.5	10.2	9.9	9.5	9.1	8.9	8.7	8.5	8.3	7.7	7.0
-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: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	5.7	5.0	4.3	5.0	5.7	6.4	7.0	7.7	8.3	8.5
85°	37.4	31.3	30.7	30.0	30.7	31.3	37.4	43.2	48.8	53.8	52.6
82.5°	80.6	66.9	64.9	62.8	64.9	66.9	80.6	93.8	106.3	117.4	116.4
80°	128.4	109.8	106.2	102.8	106.2	109.8	128.4	146.4	163.6	178.8	180.8
77.5°	188.4	162.9	155.5	148.5	155.5	162.9	188.4	212.8	236.0	254.9	254.0
75°	257.0	230.2	221.2	212.7	221.2	230.2	257.0	282.8	307.7	326.6	324.3
72.5°	354.9	338.6	322.1	304.1	322.1	338.6	354.9	370.6	386.1	396.9	393.5
70°	478.5	477.4	473.2	466.8	473.2	477.4	478.5	479.0	479.5	478.4	472.2
67.5°	588.3	587.9	589.3	589.6	589.3	587.9	588.3	586.9	583.6	577.6	568.6
65°	713.9	715.2	718.2	719.5	718.2	715.2	713.9	710.0	703.6	696.2	686.4
62.5°	881.8	889.0	892.6	892.2	892.6	889.0	881.8	871.0	856.9	840.4	823.0
60°	1041.5	1049.0	1053.8	1055.0	1053.8	1049.0	1041.5	1029.9	1014.5	993.8	968.9
57.5°	1223.5	1235.9	1242.5	1243.4	1242.5	1235.9	1223.5	1206.3	1184.7	1158.2	1126.7
55°	1447.5	1463.9	1471.3	1470.4	1471.3	1463.9	1447.5	1423.9	1393.2	1354.5	1310.6
52.5°	1710.4	1730.4	1745.4	1754.5	1745.4	1730.4	1710.4	1681.2	1642.5	1593.0	1533.0
50°	2052.7	2081.4	2099.7	2107.1	2099.7	2081.4	2052.7	2010.8	1955.0	1886.0	1806.3
47.5°	2481.0	2519.0	2547.2	2566.8	2547.2	2519.0	2481.0	2424.9	2347.2	2250.4	2139.0
45°	3038.8	3096.9	3136.3	3159.3	3136.3	3096.9	3038.8	2956.1	2843.9	2704.7	2546.6
42.5°	3785.2	3875.2	3930.4	3951.6	3930.4	3875.2	3785.2	3659.1	3497.6	3297.7	3088.1
40°	4651.4	4759.6	4830.5	4879.5	4830.5	4759.6	4651.4	4497.1	4301.8	4063.5	3803.7
37.5°	5553.6	5667.2	5736.3	5783.2	5736.3	5667.2	5553.6	5385.7	5166.9	4906.0	4598.8
35°	6474.0	6592.9	6657.7	6694.0	6657.7	6592.9	6474.0	6285.3	6035.1	5740.8	5406.6
32.5°	7418.9	7549.9	7620.4	7693.3	7620.4	7549.9	7418.9	7199.5	6911.8	6581.3	6214.9
30°	8405.8	8556.1	8629.9	8665.5	8629.9	8556.1	8405.8	8143.9	7812.3	7444.5	7030.4
27.5°	9432.8	9620.2	9712.5	9773.3	9712.5	9620.2	9432.8	9126.9	8748.0	8332.2	7857.1
25°	10501.3	10733.5	10839.2	10933.9	10839.2	10733.5	10501.3	10143.9	9720.9	9243.7	8699.5
22.5°	11610.0	11899.2	12021.6	12088.8	12021.6	11899.2	11610.0	11190.4	10714.1	10170.8	9562.2
20°	12747.5	13093.1	13263.3	13350.8	13263.3	13093.1	12747.5	12270.9	11719.6	11092.3	10414.4
17.5°	13910.8	14340.7	14560.8	14611.4	14560.8	14340.7	13910.8	13373.6	12734.1	12020.4	11245.4
15°	15052.8	15517.7	15778.0	15873.4	15778.0	15517.7	15052.8	14447.1	13733.2	12922.6	12050.1
12.5°	16134.3	16616.2	16927.2	16982.6	16927.2	16616.2	16134.3	15478.3	14707.4	13771.4	12805.6
10°	17115.2	17614.4	17957.8	18036.1	17957.8	17614.4	17115.2	16390.9	15509.3	14516.5	13452.4
7.5°	17935.1	18482.9	18862.4	18928.4	18862.4	18482.9	17935.1	17162.9	16187.5	15117.7	13982.1
5°	18535.1	19185.4	19496.9	19575.1	19496.9	19185.4	18535.1	17692.0	16681.1	15556.3	14369.1
2.5°	18864.2	19526.2	19959.1	19909.1	19959.1	19526.2	18864.2	18022.6	16983.8	15817.2	14598.7
0°	18901.3	19593.6	20007.6	20198.9	20007.6	19593.6	18901.3	18093.3	17058.3	15907.6	14641.3
-2.5°	18864.2	19526.2	19959.1	19909.1	19959.1	19526.2	18864.2	18022.6	16983.8	15817.2	14598.7
-5°	18535.1	19185.4	19496.9	19575.1	19496.9	19185.4	18535.1	17692.0	16681.1	15556.3	14369.1
-7.5°	17935.1	18482.9	18862.4	18928.4	18862.4	18482.9	17935.1	17162.9	16187.5	15117.7	13982.1
-10°	17115.2	17614.4	17957.8	18036.1	17957.8	17614.4	17115.2	16390.9	15509.3	14516.5	13452.4
-12.5°	16134.3	16616.2	16927.2	16982.6	16927.2	16616.2	16134.3	15478.3	14707.4	13771.4	12805.6
-15°	15052.8	15517.7	15778.0	15873.4	15778.0	15517.7	15052.8	14447.1	13733.2	12922.6	12050.1
-17.5°	13910.8	14340.7	14560.8	14611.4	14560.8	14340.7	13910.8	13373.6	12734.1	12020.4	11245.4
-20°	12747.5	13093.1	13263.3	13350.8	13263.3	13093.1	12747.5	12270.9	11719.6	11092.3	10414.4



REPORT NUMBER: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11610.0	11899.2	12021.6	12088.8	12021.6	11899.2	11610.0	11190.4	10714.1	10170.8	9562.2
-25°	10501.3	10733.5	10839.2	10933.9	10839.2	10733.5	10501.3	10143.9	9720.9	9243.7	8699.5
-27.5°	9432.8	9620.2	9712.5	9773.3	9712.5	9620.2	9432.8	9126.9	8748.0	8332.2	7857.1
-30°	8405.8	8556.1	8629.9	8665.5	8629.9	8556.1	8405.8	8143.9	7812.3	7444.5	7030.4
-32.5°	7418.9	7549.9	7620.4	7693.3	7620.4	7549.9	7418.9	7199.5	6911.8	6581.3	6214.9
-35°	6474.0	6592.9	6657.7	6694.0	6657.7	6592.9	6474.0	6285.3	6035.1	5740.8	5406.6
-37.5°	5553.6	5667.2	5736.3	5783.2	5736.3	5667.2	5553.6	5385.7	5166.9	4906.0	4598.8
-40°	4651.4	4759.6	4830.5	4879.5	4830.5	4759.6	4651.4	4497.1	4301.8	4063.5	3803.7
-42.5°	3785.2	3875.2	3930.4	3951.6	3930.4	3875.2	3785.2	3659.1	3497.6	3297.7	3088.1
-45°	3038.8	3096.9	3136.3	3159.3	3136.3	3096.9	3038.8	2956.1	2843.9	2704.7	2546.6
-47.5°	2481.0	2519.0	2547.2	2566.8	2547.2	2519.0	2481.0	2424.9	2347.2	2250.4	2139.0
-50°	2052.7	2081.4	2099.7	2107.1	2099.7	2081.4	2052.7	2010.8	1955.0	1886.0	1806.3
-52.5°	1710.4	1730.4	1745.4	1754.5	1745.4	1730.4	1710.4	1681.2	1642.5	1593.0	1533.0
-55°	1447.5	1463.9	1471.3	1470.4	1471.3	1463.9	1447.5	1423.9	1393.2	1354.5	1310.6
-57.5°	1223.5	1235.9	1242.5	1243.4	1242.5	1235.9	1223.5	1206.3	1184.7	1158.2	1126.7
-60°	1041.5	1049.0	1053.8	1055.0	1053.8	1049.0	1041.5	1029.9	1014.5	993.8	968.9
-62.5°	881.8	889.0	892.6	892.2	892.6	889.0	881.8	871.0	856.9	840.4	823.0
-65°	713.9	715.2	718.2	719.5	718.2	715.2	713.9	710.0	703.6	696.2	686.4
-67.5°	588.3	587.9	589.3	589.6	589.3	587.9	588.3	586.9	583.6	577.6	568.6
-70°	478.5	477.4	473.2	466.8	473.2	477.4	478.5	479.0	479.5	478.4	472.2
-72.5°	354.9	338.6	322.1	304.1	322.1	338.6	354.9	370.6	386.1	396.9	393.5
-75°	257.0	230.2	221.2	212.7	221.2	230.2	257.0	282.8	307.7	326.6	324.3
-77.5°	188.4	162.9	155.5	148.5	155.5	162.9	188.4	212.8	236.0	254.9	254.0
-80°	128.4	109.8	106.2	102.8	106.2	109.8	128.4	146.4	163.6	178.8	180.8
-82.5°	80.6	66.9	64.9	62.8	64.9	66.9	80.6	93.8	106.3	117.4	116.4
-85°	37.4	31.3	30.7	30.0	30.7	31.3	37.4	43.2	48.8	53.8	52.6
-87.5°	6.4	5.7	5.0	4.3	5.0	5.7	6.4	7.0	7.7	8.3	8.5
-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: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-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°	8.7	8.9	9.1	9.5	9.9	10.2	10.5	10.2	9.8	9.4	9.1
85°	51.3	49.9	48.3	48.3	48.0	47.5	46.4	41.6	37.0	32.7	28.9
82.5°	115.0	113.0	110.4	106.6	102.7	98.8	94.4	84.4	74.7	65.5	57.9
80°	181.8	181.8	180.0	173.0	165.6	157.9	148.6	132.7	117.3	103.1	93.0
77.5°	252.7	251.1	247.6	238.1	228.5	218.8	206.6	186.1	165.6	145.9	133.1
75°	321.3	317.7	311.6	300.0	287.4	273.9	259.3	241.5	221.2	198.1	181.2
72.5°	389.1	383.8	375.6	363.3	349.4	334.8	319.4	302.0	282.0	259.3	242.3
70°	464.8	456.1	445.2	431.3	416.8	401.3	385.4	367.6	346.8	324.2	306.3
67.5°	557.3	543.7	528.2	511.7	495.9	477.5	458.8	438.5	417.5	393.7	371.1
65°	672.5	654.2	633.6	615.8	594.5	569.3	541.1	516.4	492.1	465.3	435.7
62.5°	805.1	787.3	758.8	729.5	701.0	672.3	638.1	603.6	570.3	536.8	502.1
60°	940.6	908.6	877.7	844.2	807.9	768.9	731.4	692.0	650.8	610.5	569.1
57.5°	1090.2	1050.7	1010.3	966.9	920.8	876.6	830.9	781.9	735.1	686.3	636.8
55°	1261.8	1214.2	1162.5	1105.8	1047.4	994.7	938.8	882.7	825.9	764.4	709.8
52.5°	1465.4	1406.1	1339.8	1266.3	1197.6	1127.9	1055.3	991.6	922.2	853.8	785.8
50°	1724.8	1640.7	1549.4	1456.8	1371.6	1279.6	1194.2	1110.5	1026.5	947.3	868.2
47.5°	2035.5	1924.2	1799.4	1684.4	1571.6	1457.6	1352.5	1241.7	1145.4	1045.7	957.7
45°	2413.4	2265.0	2104.7	1958.6	1800.0	1662.4	1528.5	1401.0	1274.5	1161.9	1049.6
42.5°	2896.3	2680.2	2476.7	2282.8	2083.1	1902.1	1723.6	1572.6	1424.1	1284.7	1158.1
40°	3517.5	3202.6	2941.3	2663.1	2421.3	2178.9	1965.5	1756.2	1587.5	1422.4	1267.9
37.5°	4250.8	3882.2	3509.1	3128.5	2813.6	2509.0	2234.3	1988.0	1758.4	1570.7	1392.4
35°	5026.3	4610.0	4163.1	3717.2	3257.4	2888.6	2539.5	2235.9	1968.1	1726.0	1520.6
32.5°	5800.1	5343.0	4851.0	4342.3	3825.8	3309.5	2890.5	2514.5	2179.4	1903.7	1660.6
30°	6573.6	6071.9	5532.9	4977.3	4410.7	3831.2	3259.6	2820.3	2426.9	2081.0	1801.5
27.5°	7349.5	6805.9	6216.0	5604.7	4993.9	4362.0	3728.6	3135.9	2676.3	2285.4	1956.1
25°	8126.2	7518.4	6885.1	6219.7	5553.7	4882.0	4182.2	3521.4	2956.1	2490.0	2098.6
22.5°	8905.4	8222.8	7516.9	6802.1	6086.0	5368.2	4635.7	3899.0	3221.1	2698.0	2265.4
20°	9675.2	8908.6	8135.9	7361.1	6589.1	5821.5	5055.8	4269.4	3532.6	2913.4	2421.1
17.5°	10416.7	9565.2	8726.2	7886.3	7060.5	6246.7	5432.4	4611.1	3810.8	3105.1	2558.5
15°	11123.0	10193.8	9282.6	8380.7	7489.6	6615.7	5765.9	4911.1	4063.8	3305.1	2709.3
12.5°	11789.3	10775.3	9782.6	8803.7	7856.9	6940.9	6057.5	5174.6	4302.1	3499.9	2843.6
10°	12358.4	11270.5	10202.1	9169.8	8175.0	7217.6	6298.1	5397.4	4506.4	3662.0	2953.5
7.5°	12821.2	11668.7	10542.1	9459.1	8424.4	7437.8	6483.9	5568.4	4668.1	3788.6	3038.3
5°	13159.4	11961.5	10794.1	9673.4	8597.2	7598.1	6614.9	5685.3	4785.3	3878.7	3097.6
2.5°	13369.0	12138.7	10943.9	9803.6	8697.7	7694.4	6691.0	5756.0	4852.2	3928.2	3134.8
0°	13407.9	12221.6	10991.0	9817.5	8755.4	7723.3	6711.1	5781.7	4869.5	3938.7	3146.4
-2.5°	13369.0	12138.7	10943.9	9803.6	8697.7	7694.4	6691.0	5756.0	4852.2	3928.2	3134.8
-5°	13159.4	11961.5	10794.1	9673.4	8597.2	7598.1	6614.9	5685.3	4785.3	3878.7	3097.6
-7.5°	12821.2	11668.7	10542.1	9459.1	8424.4	7437.8	6483.9	5568.4	4668.1	3788.6	3038.3
-10°	12358.4	11270.5	10202.1	9169.8	8175.0	7217.6	6298.1	5397.4	4506.4	3662.0	2953.5
-12.5°	11789.3	10775.3	9782.6	8803.7	7856.9	6940.9	6057.5	5174.6	4302.1	3499.9	2843.6
-15°	11123.0	10193.8	9282.6	8380.7	7489.6	6615.7	5765.9	4911.1	4063.8	3305.1	2709.3
-17.5°	10416.7	9565.2	8726.2	7886.3	7060.5	6246.7	5432.4	4611.1	3810.8	3105.1	2558.5
-20°	9675.2	8908.6	8135.9	7361.1	6589.1	5821.5	5055.8	4269.4	3532.6	2913.4	2421.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8905.4	8222.8	7516.9	6802.1	6086.0	5368.2	4635.7	3899.0	3221.1	2698.0	2265.4
-25°	8126.2	7518.4	6885.1	6219.7	5553.7	4882.0	4182.2	3521.4	2956.1	2490.0	2098.6
-27.5°	7349.5	6805.9	6216.0	5604.7	4993.9	4362.0	3728.6	3135.9	2676.3	2285.4	1956.1
-30°	6573.6	6071.9	5532.9	4977.3	4410.7	3831.2	3259.6	2820.3	2426.9	2081.0	1801.5
-32.5°	5800.1	5343.0	4851.0	4342.3	3825.8	3309.5	2890.5	2514.5	2179.4	1903.7	1660.6
-35°	5026.3	4610.0	4163.1	3717.2	3257.4	2888.6	2539.5	2235.9	1968.1	1726.0	1520.6
-37.5°	4250.8	3882.2	3509.1	3128.5	2813.6	2509.0	2234.3	1988.0	1758.4	1570.7	1392.4
-40°	3517.5	3202.6	2941.3	2663.1	2421.3	2178.9	1965.5	1756.2	1587.5	1422.4	1267.9
-42.5°	2896.3	2680.2	2476.7	2282.8	2083.1	1902.1	1723.6	1572.6	1424.1	1284.7	1158.1
-45°	2413.4	2265.0	2104.7	1958.6	1800.0	1662.4	1528.5	1401.0	1274.5	1161.9	1049.6
-47.5°	2035.5	1924.2	1799.4	1684.4	1571.6	1457.6	1352.5	1241.7	1145.4	1045.7	957.7
-50°	1724.8	1640.7	1549.4	1456.8	1371.6	1279.6	1194.2	1110.5	1026.5	947.3	868.2
-52.5°	1465.4	1406.1	1339.8	1266.3	1197.6	1127.9	1055.3	991.6	922.2	853.8	785.8
-55°	1261.8	1214.2	1162.5	1105.8	1047.4	994.7	938.8	882.7	825.9	764.4	709.8
-57.5°	1090.2	1050.7	1010.3	966.9	920.8	876.6	830.9	781.9	735.1	686.3	636.8
-60°	940.6	908.6	877.7	844.2	807.9	768.9	731.4	692.0	650.8	610.5	569.1
-62.5°	805.1	787.3	758.8	729.5	701.0	672.3	638.1	603.6	570.3	536.8	502.1
-65°	672.5	654.2	633.6	615.8	594.5	569.3	541.1	516.4	492.1	465.3	435.7
-67.5°	557.3	543.7	528.2	511.7	495.9	477.5	458.8	438.5	417.5	393.7	371.1
-70°	464.8	456.1	445.2	431.3	416.8	401.3	385.4	367.6	346.8	324.2	306.3
-72.5°	389.1	383.8	375.6	363.3	349.4	334.8	319.4	302.0	282.0	259.3	242.3
-75°	321.3	317.7	311.6	300.0	287.4	273.9	259.3	241.5	221.2	198.1	181.2
-77.5°	252.7	251.1	247.6	238.1	228.5	218.8	206.6	186.1	165.6	145.9	133.1
-80°	181.8	181.8	180.0	173.0	165.6	157.9	148.6	132.7	117.3	103.1	93.0
-82.5°	115.0	113.0	110.4	106.6	102.7	98.8	94.4	84.4	74.7	65.5	57.9
-85°	51.3	49.9	48.3	48.3	48.0	47.5	46.4	41.6	37.0	32.7	28.9
-87.5°	8.7	8.9	9.1	9.5	9.9	10.2	10.5	10.2	9.8	9.4	9.1
-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: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	11.0	11.7	12.3	12.7	12.9	12.9	12.7	12.2	11.5	10.6
85°	30.3	30.9	30.7	29.8	27.9	25.8	25.8	25.4	24.3	23.0	21.2
82.5°	60.1	62.0	63.0	62.6	58.7	54.6	50.3	45.7	40.7	35.1	31.9
80°	96.6	98.7	99.4	97.8	90.9	83.4	77.0	70.4	63.9	56.6	48.4
77.5°	135.9	137.5	137.9	135.4	126.6	117.1	106.9	96.2	87.1	78.0	67.8
75°	178.2	178.8	178.4	173.8	163.1	150.8	138.4	125.1	111.8	99.4	87.1
72.5°	233.2	225.7	220.1	212.7	200.8	187.0	171.3	153.6	136.7	120.9	106.1
70°	290.6	274.8	262.5	251.2	238.1	223.5	206.0	183.8	161.2	142.0	124.1
67.5°	350.6	331.0	311.2	290.6	274.4	258.0	240.3	213.6	186.5	162.7	141.6
65°	409.0	384.8	362.4	335.6	312.1	292.1	272.1	241.8	210.9	183.1	158.8
62.5°	467.9	435.4	407.3	378.3	349.9	325.1	302.5	268.1	234.3	202.7	175.1
60°	528.4	490.2	452.1	418.5	386.5	356.4	328.3	293.5	256.9	221.4	190.5
57.5°	591.0	545.2	501.6	459.8	422.5	387.8	353.0	317.0	278.8	240.3	204.4
55°	654.2	602.5	551.2	503.4	459.2	419.6	378.7	339.4	299.7	258.8	215.5
52.5°	722.1	661.4	603.6	547.7	497.2	450.7	406.2	361.4	319.7	276.5	227.5
50°	793.9	723.9	657.8	595.3	534.8	483.1	432.9	385.5	339.2	293.6	238.8
47.5°	869.5	790.2	715.0	643.3	577.6	514.5	460.9	409.1	358.2	310.5	249.1
45°	952.6	858.3	773.7	695.0	618.6	550.1	488.5	431.9	378.6	322.7	258.4
42.5°	1036.2	931.8	834.5	745.0	663.4	586.1	515.0	455.6	398.4	333.8	267.5
40°	1132.5	1007.0	895.7	798.7	707.5	620.4	545.5	478.5	416.7	344.8	276.3
37.5°	1226.5	1087.9	962.6	850.0	751.0	659.2	574.9	500.2	431.2	356.8	284.3
35°	1337.2	1171.4	1026.2	904.3	795.9	696.1	602.7	522.5	447.2	368.3	291.4
32.5°	1444.8	1256.4	1097.9	959.8	838.2	731.0	632.1	545.2	463.3	379.3	297.6
30°	1562.9	1348.9	1165.4	1011.8	880.2	767.0	661.7	566.6	479.7	389.7	303.7
27.5°	1676.4	1434.1	1231.1	1066.9	924.6	800.6	689.1	586.7	496.1	400.5	311.2
25°	1788.9	1526.2	1303.5	1119.4	965.4	831.2	714.3	605.4	512.2	412.6	317.9
22.5°	1911.0	1615.4	1368.8	1166.6	1002.3	859.1	738.3	625.9	526.9	424.1	323.9
20°	2023.2	1695.8	1427.1	1211.8	1039.0	889.2	760.8	644.3	540.2	435.0	328.9
17.5°	2129.1	1777.6	1492.1	1260.6	1073.6	915.8	780.6	660.4	551.9	445.0	332.9
15°	2240.2	1858.9	1550.7	1302.9	1103.6	938.7	797.6	674.2	562.0	454.0	336.7
12.5°	2335.1	1927.6	1599.8	1338.5	1128.8	957.9	811.8	685.8	570.4	461.6	340.2
10°	2413.3	1983.4	1639.5	1367.2	1149.1	973.3	823.1	695.1	577.4	467.6	342.1
7.5°	2474.2	2026.0	1669.5	1389.0	1164.7	985.3	832.5	702.4	582.8	471.7	342.5
5°	2516.7	2055.7	1691.5	1404.2	1176.5	993.9	839.2	707.2	586.5	474.0	341.5
2.5°	2539.0	2072.5	1705.0	1412.3	1183.3	998.6	842.9	709.6	588.4	474.3	339.2
0°	2542.5	2075.7	1708.8	1413.3	1184.9	999.3	843.7	709.5	588.2	472.5	335.5
-2.5°	2539.0	2072.5	1705.0	1412.3	1183.3	998.6	842.9	709.6	588.4	474.3	339.2
-5°	2516.7	2055.7	1691.5	1404.2	1176.5	993.9	839.2	707.2	586.5	474.0	341.5
-7.5°	2474.2	2026.0	1669.5	1389.0	1164.7	985.3	832.5	702.4	582.8	471.7	342.5
-10°	2413.3	1983.4	1639.5	1367.2	1149.1	973.3	823.1	695.1	577.4	467.6	342.1
-12.5°	2335.1	1927.6	1599.8	1338.5	1128.8	957.9	811.8	685.8	570.4	461.6	340.2
-15°	2240.2	1858.9	1550.7	1302.9	1103.6	938.7	797.6	674.2	562.0	454.0	336.7
-17.5°	2129.1	1777.6	1492.1	1260.6	1073.6	915.8	780.6	660.4	551.9	445.0	332.9
-20°	2023.2	1695.8	1427.1	1211.8	1039.0	889.2	760.8	644.3	540.2	435.0	328.9

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REPORT NUMBER: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1911.0	1615.4	1368.8	1166.6	1002.3	859.1	738.3	625.9	526.9	424.1	323.9
-25°	1788.9	1526.2	1303.5	1119.4	965.4	831.2	714.3	605.4	512.2	412.6	317.9
-27.5°	1676.4	1434.1	1231.1	1066.9	924.6	800.6	689.1	586.7	496.1	400.5	311.2
-30°	1562.9	1348.9	1165.4	1011.8	880.2	767.0	661.7	566.6	479.7	389.7	303.7
-32.5°	1444.8	1256.4	1097.9	959.8	838.2	731.0	632.1	545.2	463.3	379.3	297.6
-35°	1337.2	1171.4	1026.2	904.3	795.9	696.1	602.7	522.5	447.2	368.3	291.4
-37.5°	1226.5	1087.9	962.6	850.0	751.0	659.2	574.9	500.2	431.2	356.8	284.3
-40°	1132.5	1007.0	895.7	798.7	707.5	620.4	545.5	478.5	416.7	344.8	276.3
-42.5°	1036.2	931.8	834.5	745.0	663.4	586.1	515.0	455.6	398.4	333.8	267.5
-45°	952.6	858.3	773.7	695.0	618.6	550.1	488.5	431.9	378.6	322.7	258.4
-47.5°	869.5	790.2	715.0	643.3	577.6	514.5	460.9	409.1	358.2	310.5	249.1
-50°	793.9	723.9	657.8	595.3	534.8	483.1	432.9	385.5	339.2	293.6	238.8
-52.5°	722.1	661.4	603.6	547.7	497.2	450.7	406.2	361.4	319.7	276.5	227.5
-55°	654.2	602.5	551.2	503.4	459.2	419.6	378.7	339.4	299.7	258.8	215.5
-57.5°	591.0	545.2	501.6	459.8	422.5	387.8	353.0	317.0	278.8	240.3	204.4
-60°	528.4	490.2	452.1	418.5	386.5	356.4	328.3	293.5	256.9	221.4	190.5
-62.5°	467.9	435.4	407.3	378.3	349.9	325.1	302.5	268.1	234.3	202.7	175.1
-65°	409.0	384.8	362.4	335.6	312.1	292.1	272.1	241.8	210.9	183.1	158.8
-67.5°	350.6	331.0	311.2	290.6	274.4	258.0	240.3	213.6	186.5	162.7	141.6
-70°	290.6	274.8	262.5	251.2	238.1	223.5	206.0	183.8	161.2	142.0	124.1
-72.5°	233.2	225.7	220.1	212.7	200.8	187.0	171.3	153.6	136.7	120.9	106.1
-75°	178.2	178.8	178.4	173.8	163.1	150.8	138.4	125.1	111.8	99.4	87.1
-77.5°	135.9	137.5	137.9	135.4	126.6	117.1	106.9	96.2	87.1	78.0	67.8
-80°	96.6	98.7	99.4	97.8	90.9	83.4	77.0	70.4	63.9	56.6	48.4
-82.5°	60.1	62.0	63.0	62.6	58.7	54.6	50.3	45.7	40.7	35.1	31.9
-85°	30.3	30.9	30.7	29.8	27.9	25.8	25.8	25.4	24.3	23.0	21.2
-87.5°	10.1	11.0	11.7	12.3	12.7	12.9	12.9	12.7	12.2	11.5	10.6
-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: P627563 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.6	7.5	5.6	3.9	2.4	1.0	0.0
85°	19.2	14.9	11.1	7.7	4.7	2.1	0.0
82.5°	28.6	22.3	16.6	11.5	7.0	3.1	0.0
80°	38.9	29.7	22.1	15.3	9.4	4.1	0.0
77.5°	55.5	38.6	27.5	19.1	11.6	5.1	0.0
75°	71.7	50.4	33.2	22.7	13.9	6.1	0.0
72.5°	87.4	61.9	41.2	26.3	16.1	7.0	0.0
70°	102.2	73.0	48.9	30.1	18.2	8.0	0.0
67.5°	115.1	83.5	56.2	34.8	20.3	8.9	0.0
65°	127.4	93.2	63.2	39.3	22.3	9.8	0.0
62.5°	138.9	102.1	69.8	43.5	24.3	10.7	0.0
60°	149.8	110.5	75.9	47.5	26.1	11.5	0.0
57.5°	159.6	118.2	81.7	51.2	28.4	12.4	0.0
55°	168.6	125.4	87.0	54.7	30.6	13.1	0.0
52.5°	176.9	131.9	91.8	57.8	32.7	13.9	0.0
50°	184.4	137.9	96.3	60.7	34.7	14.6	0.0
47.5°	191.4	143.3	100.2	63.3	36.6	15.3	0.0
45°	199.2	148.1	103.7	65.9	38.4	15.9	0.0
42.5°	206.2	152.3	106.8	68.2	40.2	16.5	0.0
40°	212.3	155.8	109.5	70.7	41.8	17.1	0.0
37.5°	217.5	158.7	111.9	73.2	43.3	17.6	0.0
35°	221.8	161.9	113.9	75.5	44.7	18.0	0.0
32.5°	225.8	165.0	115.4	77.7	45.9	18.5	0.0
30°	230.3	167.4	116.4	79.6	47.1	18.9	0.0
27.5°	233.9	169.1	118.9	81.3	48.1	19.2	0.0
25°	236.7	170.1	121.3	82.8	49.0	19.5	0.0
22.5°	238.7	171.4	123.4	84.0	49.8	19.7	0.0
20°	239.9	174.5	125.2	85.1	50.5	19.9	0.0
17.5°	242.6	177.1	126.7	85.9	51.0	20.1	0.0
15°	245.8	179.1	127.9	86.5	51.5	20.2	0.0
12.5°	248.2	180.6	128.8	86.9	51.8	20.3	0.0
10°	249.6	181.5	129.4	87.1	51.9	20.3	0.0
7.5°	250.2	181.9	129.7	87.0	52.0	20.3	0.0
5°	250.0	181.7	129.6	86.8	51.9	20.2	0.0
2.5°	248.9	181.1	129.2	86.4	51.7	20.1	0.0
0°	247.0	179.9	128.5	85.7	51.4	20.0	0.0
-2.5°	248.9	181.1	129.2	86.4	51.7	20.1	0.0
-5°	250.0	181.7	129.6	86.8	51.9	20.2	0.0
-7.5°	250.2	181.9	129.7	87.0	52.0	20.3	0.0
-10°	249.6	181.5	129.4	87.1	51.9	20.3	0.0
-12.5°	248.2	180.6	128.8	86.9	51.8	20.3	0.0
-15°	245.8	179.1	127.9	86.5	51.5	20.2	0.0
-17.5°	242.6	177.1	126.7	85.9	51.0	20.1	0.0
-20°	239.9	174.5	125.2	85.1	50.5	19.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	238.7	171.4	123.4	84.0	49.8	19.7	0.0
-25°	236.7	170.1	121.3	82.8	49.0	19.5	0.0
-27.5°	233.9	169.1	118.9	81.3	48.1	19.2	0.0
-30°	230.3	167.4	116.4	79.6	47.1	18.9	0.0
-32.5°	225.8	165.0	115.4	77.7	45.9	18.5	0.0
-35°	221.8	161.9	113.9	75.5	44.7	18.0	0.0
-37.5°	217.5	158.7	111.9	73.2	43.3	17.6	0.0
-40°	212.3	155.8	109.5	70.7	41.8	17.1	0.0
-42.5°	206.2	152.3	106.8	68.2	40.2	16.5	0.0
-45°	199.2	148.1	103.7	65.9	38.4	15.9	0.0
-47.5°	191.4	143.3	100.2	63.3	36.6	15.3	0.0
-50°	184.4	137.9	96.3	60.7	34.7	14.6	0.0
-52.5°	176.9	131.9	91.8	57.8	32.7	13.9	0.0
-55°	168.6	125.4	87.0	54.7	30.6	13.1	0.0
-57.5°	159.6	118.2	81.7	51.2	28.4	12.4	0.0
-60°	149.8	110.5	75.9	47.5	26.1	11.5	0.0
-62.5°	138.9	102.1	69.8	43.5	24.3	10.7	0.0
-65°	127.4	93.2	63.2	39.3	22.3	9.8	0.0
-67.5°	115.1	83.5	56.2	34.8	20.3	8.9	0.0
-70°	102.2	73.0	48.9	30.1	18.2	8.0	0.0
-72.5°	87.4	61.9	41.2	26.3	16.1	7.0	0.0
-75°	71.7	50.4	33.2	22.7	13.9	6.1	0.0
-77.5°	55.5	38.6	27.5	19.1	11.6	5.1	0.0
-80°	38.9	29.7	22.1	15.3	9.4	4.1	0.0
-82.5°	28.6	22.3	16.6	11.5	7.0	3.1	0.0
-85°	19.2	14.9	11.1	7.7	4.7	2.1	0.0
-87.5°	9.6	7.5	5.6	3.9	2.4	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)