

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: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-727-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16561.8 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 18773 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 7973.7 lumens
Beam Efficiency: 48.1%

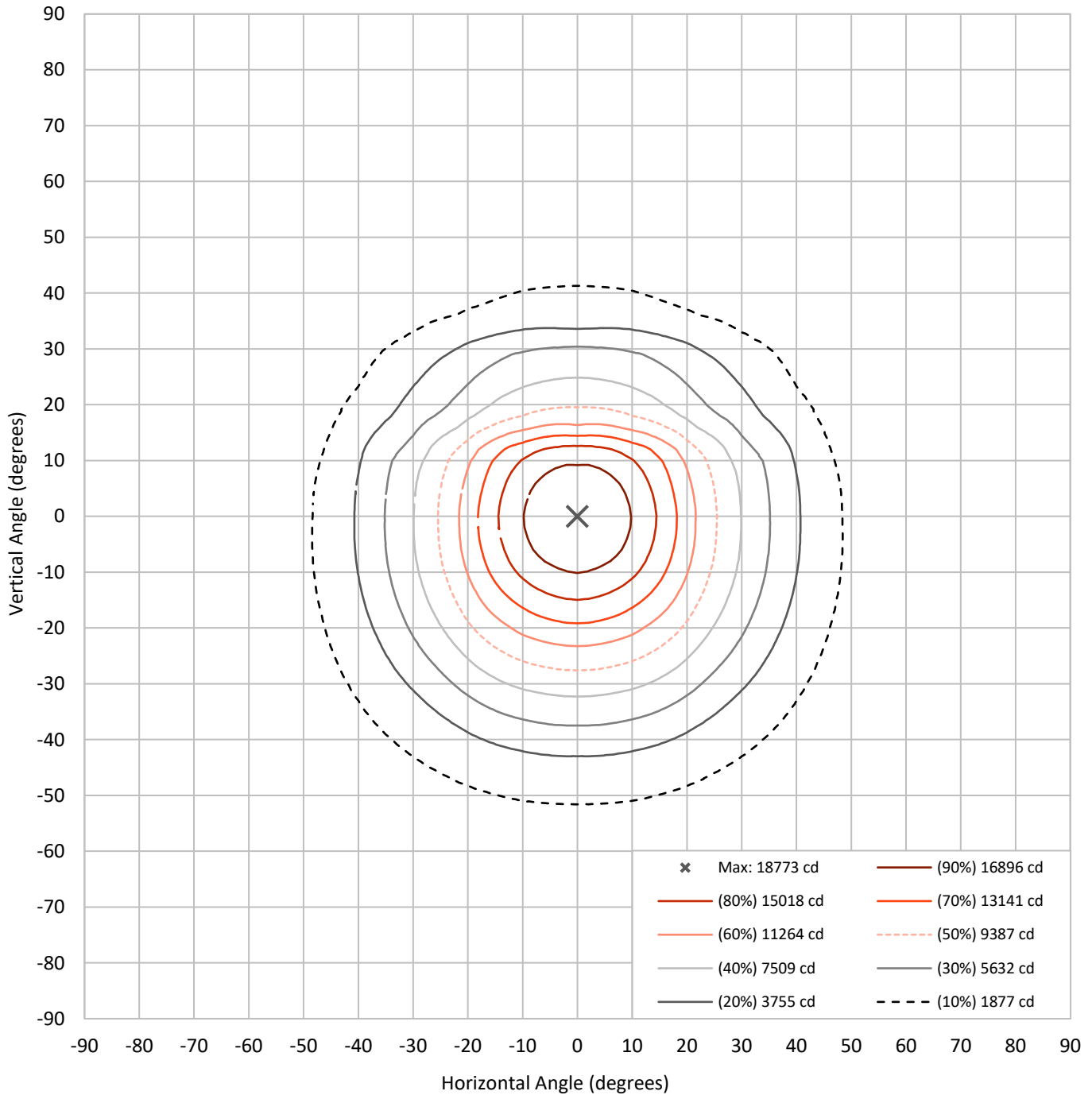
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 14828.5 lumens
Field Efficiency: 89.5%

Input Watts (W): 158.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





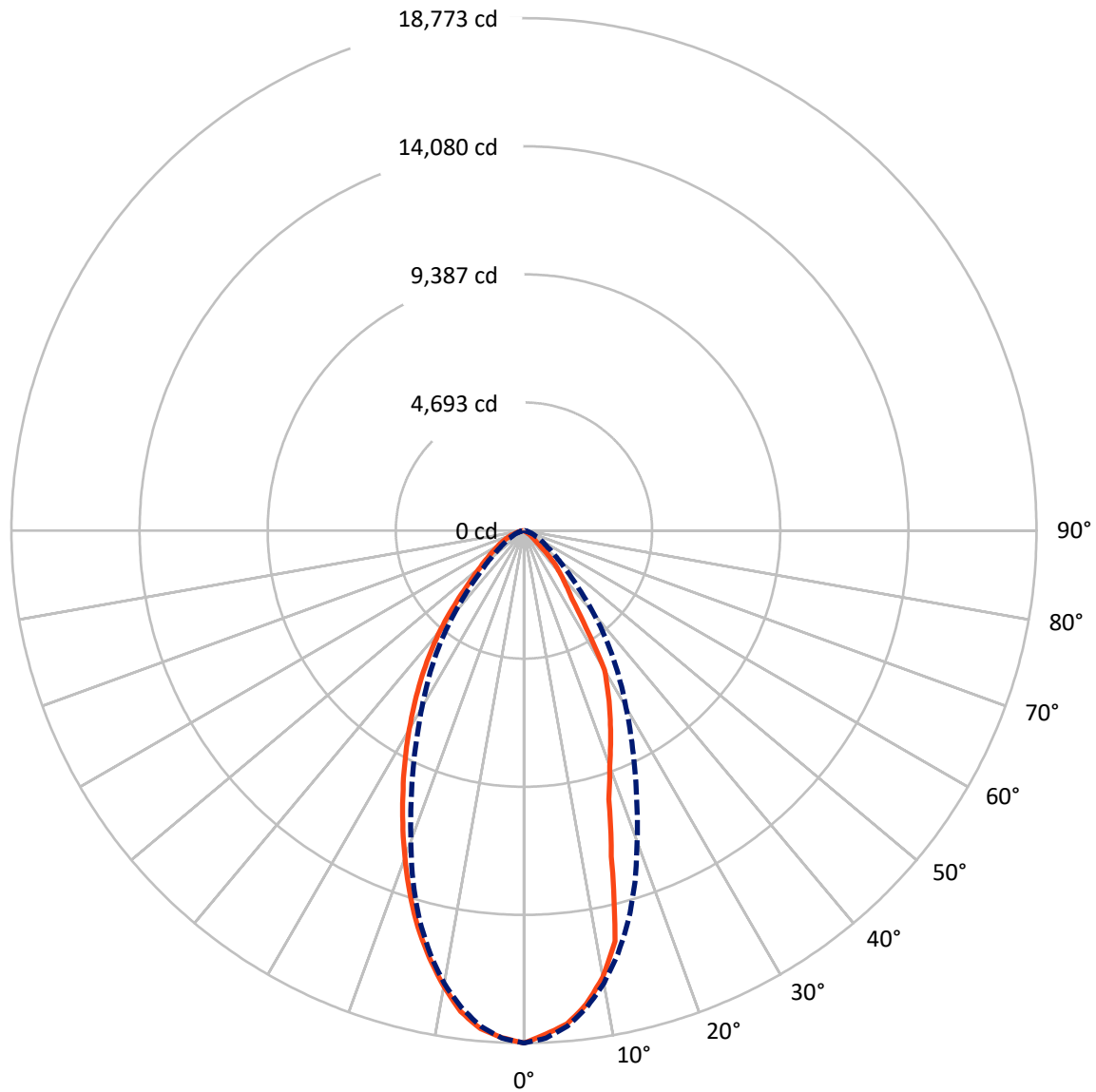
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1				
50		0.4	0.9	1.6	2.6	3.8	5.2	5.9	5.9	5.2	3.8	2.6	1.6	0.9		0.4			
40	0.7	1.3	3.2	6.7	12.3	20.2	29.2	35.8	35.8	29.2	20.2	12.3	6.7	3.2	1.3	0.7			
30		2.5	6.5	15.0	30.9	56.8	86.9	104.4	104.4	86.9	56.8	30.9	15.0	6.5	2.5				
20	1.8	4.0	10.5	27.2	64.3	120.8	183.8	221.6	221.6	183.8	120.8	64.3	27.2	10.5	4.0	1.8			
10		5.4	14.9	42.6	105.8	195.7	305.8	378.1	378.1	305.8	195.7	105.8	42.6	14.9	5.4				
0	2.6	6.2	18.8	55.2	139.0	259.0	415.9	527.3	527.3	415.9	259.0	139.0	55.2	18.8	6.2	2.6			
-10		6.5	19.5	56.9	141.0	262.8	420.1	530.6	530.6	420.1	262.8	141.0	56.9	19.5	6.5				
-20	2.7	6.4	18.5	50.7	124.9	230.7	355.7	438.9	438.9	355.7	230.7	124.9	50.7	18.5	6.4	2.7			
-30		5.9	16.0	39.7	93.2	173.9	259.2	310.9	310.9	259.2	173.9	93.2	39.7	16.0	5.9				
-40	2.3	5.2	13.0	28.7	58.7	107.9	162.8	193.8	193.8	162.8	107.9	58.7	28.7	13.0	5.2	2.3			
-50		4.3	10.0	19.8	35.2	56.5	81.0	96.5	96.5	81.0	56.5	35.2	19.8	10.0	4.3				
-60	1.5	3.4	7.3	13.2	21.5	31.0	40.1	45.3	45.3	40.1	31.0	21.5	13.2	7.3	3.4	1.5			
-70		2.4	4.9	8.1	12.5	17.0	20.8	22.7	22.7	20.8	17.0	12.5	8.1	4.9	2.4				
-80	0.4	4.7	12.1	21.8	19.8	21.8	12.1	4.7	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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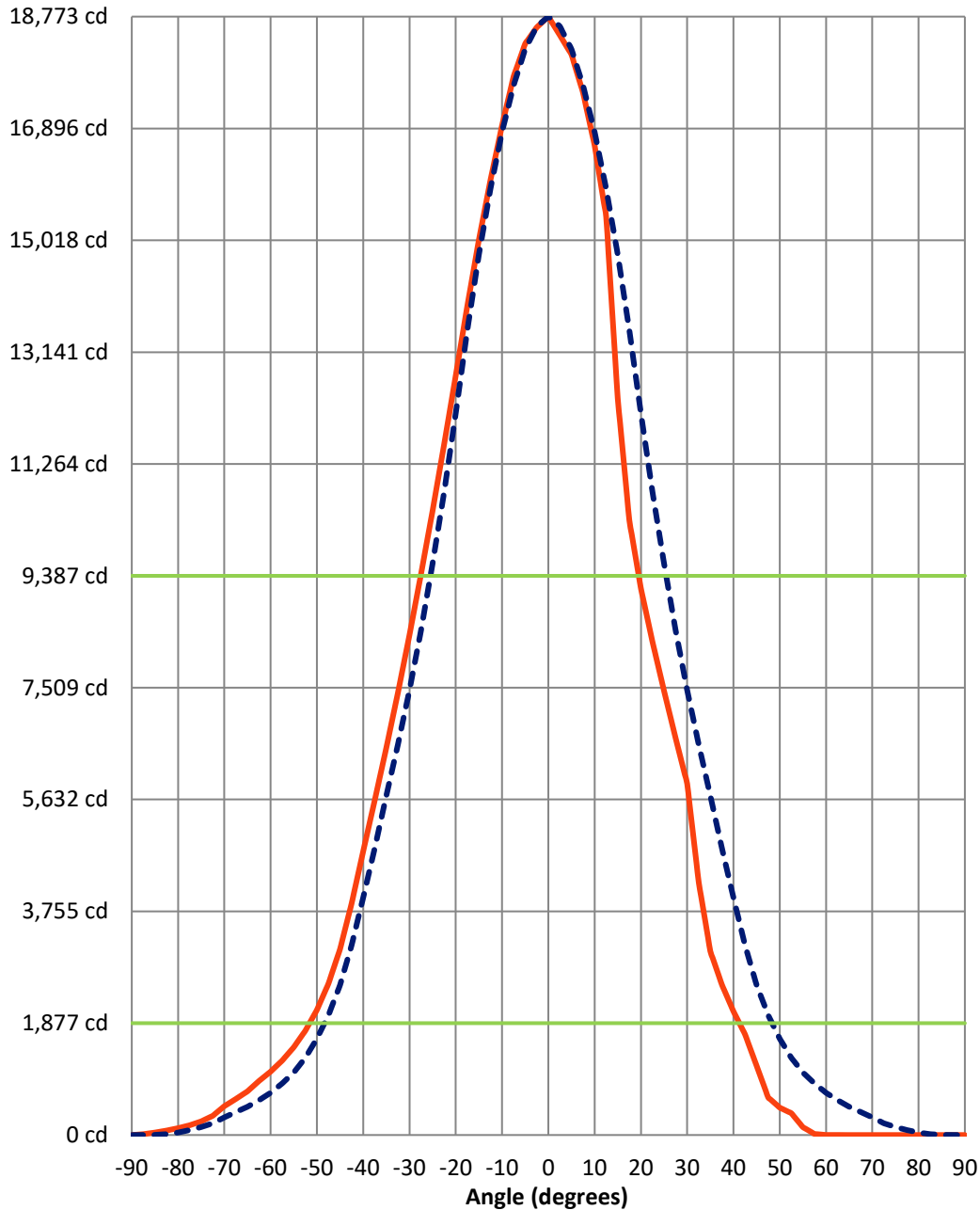
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7973.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 14828.5
 Efficiency: 89.5%

Spill:
 Lumens: 1733.3
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.3	1.3
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.4	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	0.0	0.5	1.0	1.3	1.3	1.3	1.4	1.3	1.3	1.7	1.6
65°	0.0	0.5	1.1	1.3	1.3	1.4	1.6	1.3	1.9	2.2	2.5
62.5°	0.0	0.6	1.2	1.3	1.3	1.8	1.8	1.8	2.5	3.6	5.6
60°	0.0	0.6	1.3	1.3	1.3	2.1	2.1	2.5	3.2	8.8	9.6
57.5°	0.0	0.7	1.3	1.3	1.7	2.5	3.6	3.4	8.7	14.9	16.4
55°	0.0	0.7	1.3	1.3	2.1	2.9	5.5	5.1	16.0	22.6	25.5
52.5°	0.0	0.8	1.4	1.3	2.5	3.7	7.7	12.6	23.9	33.5	36.1
50°	0.0	0.8	1.4	1.3	3.0	6.0	10.2	20.9	33.5	45.6	55.1
47.5°	0.0	0.9	1.4	1.4	3.5	8.5	13.6	29.2	45.9	58.9	74.8
45°	0.0	0.9	1.5	1.8	4.0	11.1	20.9	37.6	58.5	76.3	94.2
42.5°	0.0	1.0	1.5	2.1	4.5	13.9	28.1	47.5	71.0	93.5	115.7
40°	0.0	1.0	1.6	2.6	5.9	16.9	35.3	58.3	83.9	110.3	138.2
37.5°	0.0	1.0	1.6	3.2	8.2	19.9	42.5	69.0	98.0	127.5	161.2
35°	0.0	1.1	1.7	3.9	10.5	24.8	49.6	79.6	112.2	148.1	186.2
32.5°	0.0	1.1	1.7	4.5	12.8	30.4	57.0	89.9	126.3	169.2	214.3
30°	0.0	1.1	1.8	5.3	15.2	35.8	65.4	100.4	140.4	190.8	242.7
27.5°	0.0	1.2	1.9	6.0	17.9	41.1	73.5	112.0	156.0	212.8	271.1
25°	0.0	1.2	2.0	6.8	20.6	46.2	81.4	123.3	173.9	236.2	299.6
22.5°	0.0	1.2	2.0	7.7	23.2	51.2	88.9	134.2	191.6	259.8	328.5
20°	0.0	1.2	2.1	8.5	25.8	56.0	96.0	144.8	209.0	283.0	356.0
17.5°	0.0	1.2	2.2	9.4	28.2	60.5	102.7	155.0	226.0	305.4	382.1
15°	0.0	1.3	2.3	10.2	30.6	64.8	108.8	164.1	242.4	327.1	406.6
12.5°	0.0	1.3	2.3	11.1	32.8	68.7	114.3	171.6	255.9	347.7	429.7
10°	0.0	1.3	2.4	11.9	34.9	72.3	119.4	178.4	266.8	360.0	447.7
7.5°	0.0	1.3	2.5	12.7	36.8	75.6	123.9	184.3	276.3	369.3	457.2
5°	0.0	1.3	2.6	13.4	38.6	78.5	127.9	189.4	284.5	376.7	464.8
2.5°	0.0	1.3	2.6	14.1	40.2	81.0	131.3	193.7	291.1	382.3	470.7
0°	0.0	1.3	2.7	14.8	41.6	83.1	134.1	197.1	296.3	386.2	474.7
-2.5°	0.0	1.4	3.1	15.7	43.5	85.7	137.7	202.8	302.1	391.8	481.0
-5°	0.0	1.5	3.5	16.6	45.2	87.9	140.8	207.5	306.3	395.8	485.4
-7.5°	0.0	1.6	3.9	17.4	46.6	89.7	143.2	211.3	309.0	398.2	488.1
-10°	0.0	1.6	4.3	18.0	47.8	91.0	144.9	213.9	310.2	399.2	488.9
-12.5°	0.0	1.7	4.6	18.6	48.7	91.9	145.9	215.4	309.8	398.6	486.6
-15°	0.0	1.8	4.9	19.1	49.2	92.4	146.2	215.8	307.6	395.1	481.9
-17.5°	0.0	1.8	5.3	19.4	49.5	92.3	145.8	215.3	303.6	390.4	475.3
-20°	0.0	1.9	5.5	19.7	49.5	91.8	145.3	214.3	298.6	384.5	467.0

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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	1.9	5.8	19.8	49.0	90.8	145.4	212.4	292.7	377.6	456.9
-25°	0.0	2.0	6.0	19.8	48.3	90.5	144.8	209.6	286.0	369.5	445.0
-27.5°	0.0	2.0	6.2	19.7	47.2	90.1	143.4	205.8	278.6	360.2	434.0
-30°	0.0	2.0	6.3	19.4	45.8	89.1	141.3	201.3	272.0	349.8	422.2
-32.5°	0.0	2.0	6.4	19.0	45.2	87.6	138.4	197.5	265.5	338.9	409.6
-35°	0.0	2.0	6.5	18.4	44.3	85.5	135.7	193.4	258.2	327.6	396.1
-37.5°	0.0	2.0	6.5	17.7	42.9	83.2	132.6	188.4	250.0	316.0	380.3
-40°	0.0	2.0	6.5	16.9	41.2	81.2	128.8	182.6	240.9	305.1	363.4
-42.5°	0.0	2.0	6.4	16.1	40.0	78.6	124.3	175.9	232.6	291.1	345.4
-45°	0.0	1.9	6.3	15.5	39.2	75.6	119.0	169.0	224.0	276.1	326.7
-47.5°	0.0	1.9	6.2	14.7	38.0	72.0	113.0	161.9	214.3	260.5	309.4
-50°	0.0	1.8	6.0	14.4	36.4	67.9	107.7	153.9	201.7	246.3	291.6
-52.5°	0.0	1.8	5.8	14.2	34.5	63.3	102.0	145.0	189.2	231.5	273.5
-55°	0.0	1.7	5.5	13.8	32.1	59.6	95.7	135.6	176.3	216.1	256.4
-57.5°	0.0	1.6	5.2	13.3	29.3	55.6	88.8	127.2	162.7	200.5	238.8
-60°	0.0	1.5	4.8	12.5	26.3	51.0	81.5	117.1	148.7	184.4	220.6
-62.5°	0.0	1.4	4.6	11.7	24.5	45.9	74.4	105.8	134.9	167.6	201.7
-65°	0.0	1.3	4.2	10.6	22.4	40.3	66.5	94.0	120.3	149.9	182.2
-67.5°	0.0	1.2	3.9	9.5	20.0	35.2	58.0	82.2	104.8	131.2	160.6
-70°	0.0	1.1	3.5	8.1	17.4	30.9	48.9	69.9	90.1	111.7	137.3
-72.5°	0.0	1.0	3.1	7.2	14.6	26.2	41.6	57.2	75.0	93.9	113.9
-75°	0.0	0.8	2.7	6.3	11.6	21.2	34.1	46.6	59.5	75.8	92.9
-77.5°	0.0	0.7	2.3	5.3	9.6	16.0	26.3	36.6	47.2	58.4	71.4
-80°	0.0	0.6	1.9	4.3	7.8	12.2	18.1	26.4	35.1	44.3	53.8
-82.5°	0.0	0.4	1.4	3.3	5.9	9.2	13.4	17.7	22.8	29.9	37.2
-85°	0.0	0.3	0.9	2.2	3.9	6.2	9.0	11.8	15.1	18.6	22.6
-87.5°	0.0	0.1	0.5	1.1	2.0	3.1	4.5	5.9	7.6	9.3	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.0	0.7
65°	1.3	1.3	1.8	2.0	1.4	1.3	1.3	1.3	1.4	1.2	1.2
62.5°	1.9	2.4	3.0	4.7	3.4	1.3	2.6	3.0	2.0	1.6	1.8
60°	5.9	4.0	10.3	14.3	9.3	4.9	6.1	12.2	10.0	2.7	7.1
57.5°	11.9	14.6	26.0	27.3	20.9	14.2	31.0	34.4	28.5	17.9	25.8
55°	24.7	34.7	43.9	43.3	43.6	54.8	64.4	63.2	55.7	76.8	96.8
52.5°	46.7	57.1	63.2	68.8	84.4	94.9	97.8	103.8	125.6	151.8	156.5
50°	68.6	79.2	87.2	107.6	123.6	131.9	139.5	159.6	192.6	210.5	213.4
47.5°	90.7	102.6	123.6	145.9	161.5	173.9	187.2	232.6	269.5	284.8	290.3
45°	113.7	134.3	160.6	183.6	201.6	218.4	261.5	323.6	349.5	373.0	432.6
42.5°	137.6	168.7	198.4	222.4	242.6	277.8	337.9	398.0	435.1	485.0	557.0
40°	168.1	203.0	237.4	261.8	287.1	340.4	414.7	478.4	517.7	584.6	666.6
37.5°	199.1	239.9	277.1	302.8	338.3	410.5	497.8	574.0	622.8	677.2	809.1
35°	229.8	277.6	315.6	350.2	394.1	493.5	601.2	686.0	746.3	839.5	1006.3
32.5°	262.5	315.9	354.8	401.9	474.0	585.2	717.4	811.6	911.5	1045.6	1313.0
30°	297.3	351.8	396.5	453.1	549.8	679.6	833.0	951.4	1087.0	1304.9	1593.0
27.5°	332.0	387.6	442.7	514.6	620.8	761.0	921.2	1107.9	1283.2	1526.8	1841.7
25°	365.4	424.0	487.9	574.8	689.7	836.4	1011.3	1226.7	1455.4	1734.1	2103.9
22.5°	397.2	461.0	535.8	629.1	747.8	908.0	1116.6	1369.5	1644.4	1933.1	2358.0
20°	428.4	502.4	588.2	692.6	801.2	974.0	1219.5	1525.8	1870.4	2265.8	2682.2
17.5°	459.3	543.2	642.2	758.3	889.9	1066.8	1325.0	1689.7	2109.1	2623.7	3136.5
15°	489.5	583.2	694.5	823.2	979.4	1190.8	1484.1	1884.9	2391.6	3007.8	3615.3
12.5°	518.8	622.0	744.7	886.7	1066.2	1307.5	1634.1	2066.4	2647.0	3383.2	4129.4
10°	546.9	659.3	792.3	947.8	1149.3	1416.1	1766.6	2223.5	2839.7	3598.4	4428.3
7.5°	561.2	684.5	833.0	1006.0	1227.8	1515.8	1881.9	2356.2	2990.3	3771.5	4603.6
5°	571.4	696.0	848.2	1029.3	1270.9	1583.7	1970.2	2464.7	3101.2	3901.7	4722.3
2.5°	579.2	704.3	859.4	1042.4	1287.9	1606.3	1999.3	2502.6	3160.7	3969.6	4791.5
0°	584.6	709.4	866.2	1049.9	1296.7	1617.2	2012.7	2518.3	3186.0	3985.2	4816.6
-2.5°	590.4	716.3	873.4	1061.6	1309.0	1632.1	2027.5	2529.4	3205.0	3989.5	4830.2
-5°	593.7	720.0	876.2	1067.2	1313.0	1634.9	2026.4	2518.8	3189.9	3958.3	4800.7
-7.5°	594.6	720.5	874.7	1066.1	1307.9	1622.2	2005.0	2487.4	3137.9	3894.9	4728.2
-10°	593.2	717.3	868.9	1056.4	1293.2	1595.8	1966.7	2432.9	3052.4	3790.3	4605.7
-12.5°	588.8	710.6	858.6	1040.7	1269.5	1558.4	1912.8	2355.2	2933.7	3644.8	4433.0
-15°	581.9	700.6	843.7	1018.8	1236.7	1510.2	1843.4	2254.4	2780.9	3459.9	4218.0
-17.5°	572.3	687.3	824.1	990.9	1194.9	1451.6	1759.6	2136.4	2616.1	3253.6	3978.9
-20°	560.0	670.8	799.9	957.1	1146.7	1390.0	1681.8	2031.9	2461.8	3017.4	3696.9

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REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	545.2	651.1	774.3	924.7	1104.0	1326.0	1594.8	1913.4	2288.8	2744.3	3388.9
-25°	529.9	632.3	749.5	888.6	1055.2	1253.4	1495.2	1785.5	2125.5	2542.4	3075.4
-27.5°	514.9	610.6	720.7	847.0	1000.5	1178.6	1401.7	1666.3	1969.3	2323.8	2757.8
-30°	497.9	586.4	689.0	803.4	948.0	1113.4	1306.2	1533.0	1802.3	2122.7	2500.0
-32.5°	479.4	560.4	658.3	765.6	891.8	1042.3	1209.2	1414.3	1648.6	1912.9	2239.0
-35°	461.0	538.2	626.8	725.0	831.5	972.5	1125.7	1295.9	1495.3	1729.3	1990.1
-37.5°	443.2	514.1	593.0	684.6	784.6	901.6	1037.0	1190.6	1362.2	1548.4	1773.7
-40°	423.5	488.0	562.7	645.6	734.0	835.5	957.5	1087.9	1235.6	1399.5	1573.5
-42.5°	402.0	464.0	532.1	603.6	684.7	775.4	876.6	995.8	1118.6	1255.9	1407.7
-45°	380.9	437.9	500.3	565.5	633.7	713.8	805.7	905.0	1013.8	1125.8	1253.4
-47.5°	358.8	410.7	468.8	525.7	586.1	654.4	732.5	822.5	913.2	1013.0	1111.9
-50°	336.6	385.3	434.2	487.2	541.4	598.2	664.1	741.8	824.4	907.2	994.2
-52.5°	316.7	358.9	403.0	448.5	497.9	548.4	603.4	667.4	739.6	812.5	887.6
-55°	296.4	335.2	371.7	412.5	455.2	500.7	549.7	603.6	658.1	724.5	789.1
-57.5°	276.5	311.0	342.7	377.5	415.5	454.1	498.3	544.1	593.6	643.8	696.6
-60°	256.7	285.9	314.7	344.8	376.7	411.0	446.6	486.8	529.3	572.9	618.6
-62.5°	236.1	259.9	285.2	312.7	340.8	367.3	397.0	429.9	464.9	502.4	541.2
-65°	213.1	232.8	254.0	277.9	304.3	325.6	348.4	373.1	402.0	432.9	463.4
-67.5°	188.5	206.0	223.2	241.0	262.4	281.5	300.3	319.9	341.5	366.7	391.1
-70°	161.1	178.5	193.7	208.5	222.1	235.7	251.7	267.2	284.6	307.2	329.4
-72.5°	133.3	149.6	164.0	176.5	186.1	194.3	204.0	215.3	232.0	253.0	272.6
-75°	107.8	121.0	134.5	146.5	152.7	155.1	157.1	163.1	180.0	201.5	220.6
-77.5°	84.0	95.4	106.4	116.9	121.2	122.9	123.8	123.8	136.2	154.6	173.9
-80°	61.8	69.8	79.1	88.1	90.8	91.6	91.7	91.1	101.3	114.5	128.6
-82.5°	43.0	48.7	54.7	60.8	61.6	61.2	60.2	59.4	67.6	77.1	86.9
-85°	25.0	27.5	31.1	34.8	35.3	35.1	34.4	33.3	37.9	43.1	48.6
-87.5°	12.5	13.7	15.0	16.2	15.7	15.1	14.3	13.3	14.6	15.9	17.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.3	1.0	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.7	1.6	1.2	1.1	1.2	1.3	1.1	0.9	0.9	0.9	1.1
60°	7.5	4.3	4.4	5.6	4.8	2.2	4.4	5.5	5.2	3.9	3.4
57.5°	38.5	32.3	22.6	37.7	38.9	27.1	29.4	38.4	37.2	28.8	28.6
55°	97.0	98.4	105.6	115.2	122.3	125.5	128.4	142.8	158.2	173.3	180.8
52.5°	160.2	178.9	202.2	217.7	228.4	250.5	281.4	295.6	309.4	325.1	336.5
50°	235.9	268.5	291.9	295.3	332.0	355.9	361.5	388.2	417.2	435.2	448.2
47.5°	351.0	392.1	412.5	425.6	470.3	519.3	519.4	534.7	607.3	645.3	663.6
45°	505.5	539.8	575.9	669.6	755.7	783.0	841.5	920.8	972.3	1043.2	1121.1
42.5°	637.1	701.6	791.9	895.1	981.4	1053.3	1140.2	1235.5	1349.9	1457.5	1550.3
40°	767.4	847.2	959.0	1071.3	1180.0	1279.6	1419.7	1542.1	1677.1	1825.1	1948.5
37.5°	937.3	1039.5	1155.1	1296.6	1465.8	1576.3	1769.0	1945.0	2097.1	2275.8	2385.9
35°	1198.3	1331.5	1433.9	1719.9	1925.7	2055.0	2283.2	2572.4	2683.5	2908.5	3015.4
32.5°	1526.5	1703.5	1972.9	2351.6	2626.5	2864.6	3205.6	3499.0	3749.2	3975.3	4210.4
30°	1895.2	2168.4	2565.4	3068.7	3347.9	3681.3	4142.4	4490.4	4882.8	5313.4	5464.3
27.5°	2229.9	2638.9	3099.9	3507.6	3908.6	4323.9	4777.0	5224.1	5648.7	6007.1	6247.6
25°	2540.0	3035.4	3483.5	3919.1	4353.6	4821.3	5333.7	5840.8	6308.1	6676.8	6957.2
22.5°	2859.9	3383.3	3862.6	4304.6	4810.1	5340.1	5885.0	6466.6	6998.4	7381.0	7686.3
20°	3160.7	3742.8	4289.5	4792.8	5270.6	5882.4	6509.9	7126.8	7706.0	8161.6	8513.8
17.5°	3638.1	4143.4	4811.6	5465.4	6003.6	6565.7	7404.2	8040.9	8683.6	9229.3	9602.7
15°	4224.4	4780.0	5470.0	6367.9	7105.4	7749.4	8615.6	9651.4	10409.4	11106.1	11584.0
12.5°	4811.1	5439.6	6185.9	7196.4	8246.5	9005.0	10055.9	11368.4	12251.4	13330.0	13861.7
10°	5260.8	6050.1	6818.6	7740.8	8749.2	9829.4	10962.2	12190.2	13369.9	14296.1	15124.1
7.5°	5441.9	6282.6	7172.3	8113.2	9121.5	10236.3	11443.7	12721.4	13935.6	14970.1	15880.0
5°	5577.3	6438.6	7334.2	8296.2	9374.2	10538.3	11763.8	13105.3	14345.2	15454.0	16384.8
2.5°	5663.3	6532.7	7424.4	8402.5	9536.3	10734.9	11999.8	13376.8	14635.4	15776.8	16704.7
0°	5696.3	6553.1	7466.3	8473.3	9595.7	10797.1	12116.6	13509.8	14778.4	15881.9	16836.7
-2.5°	5700.7	6534.1	7469.0	8471.1	9545.1	10757.7	12093.2	13474.8	14717.5	15816.7	16779.9
-5°	5656.0	6489.1	7424.7	8411.7	9487.1	10690.7	11968.7	13303.9	14489.2	15558.9	16486.3
-7.5°	5565.3	6396.0	7311.0	8275.4	9321.8	10489.3	11716.8	12958.0	14120.8	15146.8	16031.9
-10°	5430.7	6244.0	7127.3	8066.9	9057.0	10167.5	11338.0	12523.9	13614.3	14563.1	15381.6
-12.5°	5248.4	6042.9	6886.5	7783.4	8705.1	9763.8	10869.0	11982.7	12976.6	13842.7	14577.1
-15°	5011.7	5787.7	6604.4	7452.7	8346.5	9303.9	10295.8	11317.3	12233.9	13002.1	13672.9
-17.5°	4732.9	5485.4	6261.1	7047.5	7895.6	8793.8	9714.5	10631.5	11413.3	12095.7	12709.1
-20°	4421.9	5147.0	5883.9	6617.0	7386.4	8217.1	9067.5	9873.0	10556.1	11176.2	11737.5

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Scaled Data Report



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4073.4	4767.4	5473.6	6159.7	6853.6	7605.8	8365.2	9093.6	9732.6	10263.0	10750.8
-25°	3700.3	4341.5	5008.4	5651.7	6290.3	6964.4	7654.2	8324.4	8886.7	9347.3	9750.3
-27.5°	3324.3	3910.3	4497.9	5103.4	5693.7	6315.7	6940.2	7519.1	8024.0	8448.0	8786.7
-30°	2929.0	3453.0	3989.6	4537.5	5101.1	5670.3	6234.6	6741.4	7182.2	7555.1	7847.8
-32.5°	2600.6	2998.6	3472.4	3969.8	4498.1	5016.7	5507.6	5969.5	6384.9	6710.5	6958.7
-35°	2285.8	2622.8	2977.7	3417.9	3871.8	4349.1	4800.6	5212.9	5583.1	5867.7	6101.2
-37.5°	2015.2	2281.7	2581.8	2896.1	3276.7	3671.2	4078.7	4466.5	4796.6	5044.8	5253.4
-40°	1780.9	1991.4	2231.1	2480.3	2760.3	3043.8	3398.6	3725.8	3995.3	4227.3	4416.3
-42.5°	1569.1	1746.8	1923.8	2128.2	2339.4	2567.3	2816.4	3058.4	3265.2	3459.4	3619.9
-45°	1386.4	1528.2	1669.3	1827.2	1982.3	2167.6	2345.5	2504.3	2671.8	2817.2	2931.6
-47.5°	1226.6	1337.2	1458.1	1576.3	1700.8	1840.4	1972.8	2093.5	2216.3	2322.6	2407.9
-50°	1084.5	1176.2	1274.9	1367.8	1468.5	1570.6	1668.5	1764.6	1857.8	1938.7	2001.6
-52.5°	960.1	1040.2	1117.2	1191.1	1271.2	1346.8	1417.7	1497.0	1569.9	1633.7	1676.7
-55°	854.2	919.7	982.7	1044.4	1105.0	1162.3	1218.8	1280.4	1336.7	1387.3	1419.4
-57.5°	754.8	810.5	863.9	914.3	962.4	1007.9	1055.5	1102.8	1146.2	1184.4	1209.2
-60°	664.4	709.8	756.0	797.2	835.9	872.3	912.4	950.3	985.3	1014.7	1031.9
-62.5°	581.5	622.3	656.4	688.9	721.9	754.7	783.1	811.1	838.1	860.9	875.8
-65°	494.9	529.4	558.5	584.6	608.2	633.6	657.9	679.8	699.3	714.1	723.6
-67.5°	417.3	442.8	466.1	486.8	507.9	528.2	546.9	563.5	578.2	588.5	595.3
-70°	350.0	369.4	388.5	407.4	426.2	442.0	455.5	468.0	479.2	484.0	486.1
-72.5°	290.9	308.1	324.8	341.5	357.1	369.5	379.5	388.6	396.8	389.7	377.4
-75°	237.2	252.4	268.0	282.7	296.5	306.0	313.3	320.1	326.3	311.0	289.9
-77.5°	193.3	206.7	218.2	229.7	241.0	247.1	251.8	256.3	260.7	243.6	222.0
-80°	143.4	154.2	164.0	173.6	183.1	186.7	188.8	190.2	191.0	176.3	159.4
-82.5°	96.9	102.5	107.9	113.5	119.3	122.3	124.5	126.3	127.5	117.1	105.4
-85°	54.3	56.0	57.3	58.4	59.4	61.2	63.0	64.7	66.2	61.3	55.9
-87.5°	18.7	18.7	18.6	18.4	18.2	18.3	18.3	18.2	18.2	17.4	16.5
-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: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	0.9	0.9
60°	2.6	1.6	1.3	1.3	1.3	1.6	2.6	3.4	3.9	5.2	5.5
57.5°	26.7	23.3	20.9	18.8	20.9	23.3	26.7	28.6	28.8	37.2	38.4
55°	177.6	165.3	150.4	132.8	150.4	165.3	177.6	180.8	173.3	158.2	142.8
52.5°	348.4	360.0	366.7	366.1	366.7	360.0	348.4	336.5	325.1	309.4	295.6
50°	458.6	464.9	465.2	459.9	465.2	464.9	458.6	448.2	435.2	417.2	388.2
47.5°	671.9	663.1	647.9	631.6	647.9	663.1	671.9	663.6	645.3	607.3	534.7
45°	1172.4	1200.6	1198.8	1162.6	1198.8	1200.6	1172.4	1121.1	1043.2	972.3	920.8
42.5°	1602.1	1644.4	1674.4	1689.6	1674.4	1644.4	1602.1	1550.3	1457.5	1349.9	1235.5
40°	2018.0	2058.8	2076.8	2075.8	2076.8	2058.8	2018.0	1948.5	1825.1	1677.1	1542.1
37.5°	2457.3	2510.2	2535.9	2523.6	2535.9	2510.2	2457.3	2385.9	2275.8	2097.1	1945.0
35°	3061.6	3111.0	3111.9	3086.8	3111.9	3111.0	3061.6	3015.4	2908.5	2683.5	2572.4
32.5°	4397.1	4413.7	4286.5	4241.4	4286.5	4413.7	4397.1	4210.4	3975.3	3749.2	3499.0
30°	5614.4	5731.8	5841.0	5896.1	5841.0	5731.8	5614.4	5464.3	5313.4	4882.8	4490.4
27.5°	6428.8	6570.0	6657.5	6663.1	6657.5	6570.0	6428.8	6247.6	6007.1	5648.7	5224.1
25°	7169.5	7327.5	7422.9	7455.6	7422.9	7327.5	7169.5	6957.2	6676.8	6308.1	5840.8
22.5°	7945.6	8131.7	8255.0	8280.2	8255.0	8131.7	7945.6	7686.3	7381.0	6998.4	6466.6
20°	8846.0	9062.6	9180.8	9176.0	9180.8	9062.6	8846.0	8513.8	8161.6	7706.0	7126.8
17.5°	10031.3	10263.7	10365.8	10321.1	10365.8	10263.7	10031.3	9602.7	9229.3	8683.6	8040.9
15°	12074.6	12560.6	12558.6	12364.7	12558.6	12560.6	12074.6	11584.0	11106.1	10409.4	9651.4
12.5°	14595.0	14957.2	15328.7	15408.6	15328.7	14957.2	14595.0	13861.7	13330.0	12251.4	11368.4
10°	15821.4	16302.4	16619.8	16611.4	16619.8	16302.4	15821.4	15124.1	14296.1	13369.9	12190.2
7.5°	16588.7	17120.0	17504.7	17496.4	17504.7	17120.0	16588.7	15880.0	14970.1	13935.6	12721.4
5°	17180.8	17770.2	18110.8	18136.0	18110.8	17770.2	17180.8	16384.8	15454.0	14345.2	13105.3
2.5°	17488.5	18103.5	18513.1	18459.2	18513.1	18103.5	17488.5	16704.7	15776.8	14635.4	13376.8
0°	17617.1	18225.9	18608.0	18773.0	18608.0	18225.9	17617.1	16836.7	15881.9	14778.4	13509.8
-2.5°	17560.9	18153.3	18575.7	18592.0	18575.7	18153.3	17560.9	16779.9	15816.7	14717.5	13474.8
-5°	17260.1	17885.1	18168.1	18318.4	18168.1	17885.1	17260.1	16486.3	15558.9	14489.2	13303.9
-7.5°	16774.8	17243.2	17602.7	17768.6	17602.7	17243.2	16774.8	16031.9	15146.8	14120.8	12958.0
-10°	16019.6	16504.6	16808.3	16945.3	16808.3	16504.6	16019.6	15381.6	14563.1	13614.3	12523.9
-12.5°	15183.0	15623.7	15912.5	16028.1	15912.5	15623.7	15183.0	14577.1	13842.7	12976.6	11982.7
-15°	14249.6	14649.8	14915.5	15026.4	14915.5	14649.8	14249.6	13672.9	13002.1	12233.9	11317.3
-17.5°	13222.1	13572.7	13837.6	13917.5	13837.6	13572.7	13222.1	12709.1	12095.7	11413.3	10631.5
-20°	12165.6	12482.6	12700.7	12748.2	12700.7	12482.6	12165.6	11737.5	11176.2	10556.1	9873.0



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11101.0	11362.2	11539.3	11599.0	11539.3	11362.2	11101.0	10750.8	10263.0	9732.6	9093.6
-25°	10060.6	10286.0	10428.7	10482.0	10428.7	10286.0	10060.6	9750.3	9347.3	8886.7	8324.4
-27.5°	9060.0	9270.1	9401.2	9418.7	9401.2	9270.1	9060.0	8786.7	8448.0	8024.0	7519.1
-30°	8075.5	8249.1	8350.1	8392.9	8350.1	8249.1	8075.5	7847.8	7555.1	7182.2	6741.4
-32.5°	7155.4	7307.0	7397.7	7422.0	7397.7	7307.0	7155.4	6958.7	6710.5	6384.9	5969.5
-35°	6286.9	6426.9	6507.3	6500.8	6507.3	6426.9	6286.9	6101.2	5867.7	5583.1	5212.9
-37.5°	5425.9	5555.1	5628.0	5621.2	5628.0	5555.1	5425.9	5253.4	5044.8	4796.6	4466.5
-40°	4571.7	4683.1	4747.4	4763.0	4747.4	4683.1	4571.7	4416.3	4227.3	3995.3	3725.8
-42.5°	3753.3	3856.2	3907.6	3887.3	3907.6	3856.2	3753.3	3619.9	3459.4	3265.2	3058.4
-45°	3011.7	3064.9	3099.9	3121.7	3099.9	3064.9	3011.7	2931.6	2817.2	2671.8	2504.3
-47.5°	2470.3	2514.4	2538.2	2542.4	2538.2	2514.4	2470.3	2407.9	2322.6	2216.3	2093.5
-50°	2050.5	2088.0	2104.6	2099.9	2104.6	2088.0	2050.5	2001.6	1938.7	1857.8	1764.6
-52.5°	1707.7	1729.4	1744.1	1751.3	1744.1	1729.4	1707.7	1676.7	1633.7	1569.9	1497.0
-55°	1443.5	1460.5	1470.4	1473.7	1470.4	1460.5	1443.5	1419.4	1387.3	1336.7	1280.4
-57.5°	1229.9	1246.0	1251.8	1249.7	1251.8	1246.0	1229.9	1209.2	1184.4	1146.2	1102.8
-60°	1045.0	1054.2	1061.2	1064.7	1061.2	1054.2	1045.0	1031.9	1014.7	985.3	950.3
-62.5°	887.8	896.4	903.6	907.8	903.6	896.4	887.8	875.8	860.9	838.1	811.1
-65°	730.3	734.1	735.2	733.5	735.2	734.1	730.3	723.6	714.1	699.3	679.8
-67.5°	600.4	603.6	605.7	606.1	605.7	603.6	600.4	595.3	588.5	578.2	563.5
-70°	488.1	489.5	487.9	484.1	487.9	489.5	488.1	486.1	484.0	479.2	468.0
-72.5°	364.7	351.3	338.0	323.2	338.0	351.3	364.7	377.4	389.7	396.8	388.6
-75°	268.1	245.4	237.2	229.3	237.2	245.4	268.1	289.9	311.0	326.3	320.1
-77.5°	199.4	175.9	169.6	163.6	169.6	175.9	199.4	222.0	243.6	260.7	256.3
-80°	141.7	123.3	119.3	115.3	119.3	123.3	141.7	159.4	176.3	191.0	190.2
-82.5°	93.1	80.3	77.7	75.1	77.7	80.3	93.1	105.4	117.1	127.5	126.3
-85°	50.1	44.1	42.9	41.6	42.9	44.1	50.1	55.9	61.3	66.2	64.7
-87.5°	15.7	14.7	14.8	14.8	14.8	14.7	15.7	16.5	17.4	18.2	18.2
-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: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-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°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.0	1.0	1.0	0.9
85°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3
82.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.3	1.3	1.3
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	1.0	1.3	1.3
65°	0.3	0.2	0.3	0.6	1.0	1.3	1.3	1.2	1.2	1.4	1.3
62.5°	1.1	1.3	1.2	1.1	1.2	1.6	1.7	1.8	1.6	2.0	3.0
60°	4.4	2.2	4.8	5.6	4.4	4.3	7.5	7.1	2.7	10.0	12.2
57.5°	29.4	27.1	38.9	37.7	22.6	32.3	38.5	25.8	17.9	28.5	34.4
55°	128.4	125.5	122.3	115.2	105.6	98.4	97.0	96.8	76.8	55.7	63.2
52.5°	281.4	250.5	228.4	217.7	202.2	178.9	160.2	156.5	151.8	125.6	103.8
50°	361.5	355.9	332.0	295.3	291.9	268.5	235.9	213.4	210.5	192.6	159.6
47.5°	519.4	519.3	470.3	425.6	412.5	392.1	351.0	290.3	284.8	269.5	232.6
45°	841.5	783.0	755.7	669.6	575.9	539.8	505.5	432.6	373.0	349.5	323.6
42.5°	1140.2	1053.3	981.4	895.1	791.9	701.6	637.1	557.0	485.0	435.1	398.0
40°	1419.7	1279.6	1180.0	1071.3	959.0	847.2	767.4	666.6	584.6	517.7	478.4
37.5°	1769.0	1576.3	1465.8	1296.6	1155.1	1039.5	937.3	809.1	677.2	622.8	574.0
35°	2283.2	2055.0	1925.7	1719.9	1433.9	1331.5	1198.3	1006.3	839.5	746.3	686.0
32.5°	3205.6	2864.6	2626.5	2351.6	1972.9	1703.5	1526.5	1313.0	1045.6	911.5	811.6
30°	4142.4	3681.3	3347.9	3068.7	2565.4	2168.4	1895.2	1593.0	1304.9	1087.0	951.4
27.5°	4777.0	4323.9	3908.6	3507.6	3099.9	2638.9	2229.9	1841.7	1526.8	1283.2	1107.9
25°	5333.7	4821.3	4353.6	3919.1	3483.5	3035.4	2540.0	2103.9	1734.1	1455.4	1226.7
22.5°	5885.0	5340.1	4810.1	4304.6	3862.6	3383.3	2859.9	2358.0	1933.1	1644.4	1369.5
20°	6509.9	5882.4	5270.6	4792.8	4289.5	3742.8	3160.7	2682.2	2265.8	1870.4	1525.8
17.5°	7404.2	6565.7	6003.6	5465.4	4811.6	4143.4	3638.1	3136.5	2623.7	2109.1	1689.7
15°	8615.6	7749.4	7105.4	6367.9	5470.0	4780.0	4224.4	3615.3	3007.8	2391.6	1884.9
12.5°	10055.9	9005.0	8246.5	7196.4	6185.9	5439.6	4811.1	4129.4	3383.2	2647.0	2066.4
10°	10962.2	9829.4	8749.2	7740.8	6818.6	6050.1	5260.8	4428.3	3598.4	2839.7	2223.5
7.5°	11443.7	10236.3	9121.5	8113.2	7172.3	6282.6	5441.9	4603.6	3771.5	2990.3	2356.2
5°	11763.8	10538.3	9374.2	8296.2	7334.2	6438.6	5577.3	4722.3	3901.7	3101.2	2464.7
2.5°	11999.8	10734.9	9536.3	8402.5	7424.4	6532.7	5663.3	4791.5	3969.6	3160.7	2502.6
0°	12116.6	10797.1	9595.7	8473.3	7466.3	6553.1	5696.3	4816.6	3985.2	3186.0	2518.3
-2.5°	12093.2	10757.7	9545.1	8471.1	7469.0	6534.1	5700.7	4830.2	3989.5	3205.0	2529.4
-5°	11968.7	10690.7	9487.1	8411.7	7424.7	6489.1	5656.0	4800.7	3958.3	3189.9	2518.8
-7.5°	11716.8	10489.3	9321.8	8275.4	7311.0	6396.0	5565.3	4728.2	3894.9	3137.9	2487.4
-10°	11338.0	10167.5	9057.0	8066.9	7127.3	6244.0	5430.7	4605.7	3790.3	3052.4	2432.9
-12.5°	10869.0	9763.8	8705.1	7783.4	6886.5	6042.9	5248.4	4433.0	3644.8	2933.7	2355.2
-15°	10295.8	9303.9	8346.5	7452.7	6604.4	5787.7	5011.7	4218.0	3459.9	2780.9	2254.4
-17.5°	9714.5	8793.8	7895.6	7047.5	6261.1	5485.4	4732.9	3978.9	3253.6	2616.1	2136.4
-20°	9067.5	8217.1	7386.4	6617.0	5883.9	5147.0	4421.9	3696.9	3017.4	2461.8	2031.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8365.2	7605.8	6853.6	6159.7	5473.6	4767.4	4073.4	3388.9	2744.3	2288.8	1913.4
-25°	7654.2	6964.4	6290.3	5651.7	5008.4	4341.5	3700.3	3075.4	2542.4	2125.5	1785.5
-27.5°	6940.2	6315.7	5693.7	5103.4	4497.9	3910.3	3324.3	2757.8	2323.8	1969.3	1666.3
-30°	6234.6	5670.3	5101.1	4537.5	3989.6	3453.0	2929.0	2500.0	2122.7	1802.3	1533.0
-32.5°	5507.6	5016.7	4498.1	3969.8	3472.4	2998.6	2600.6	2239.0	1912.9	1648.6	1414.3
-35°	4800.6	4349.1	3871.8	3417.9	2977.7	2622.8	2285.8	1990.1	1729.3	1495.3	1295.9
-37.5°	4078.7	3671.2	3276.7	2896.1	2581.8	2281.7	2015.2	1773.7	1548.4	1362.2	1190.6
-40°	3398.6	3043.8	2760.3	2480.3	2231.1	1991.4	1780.9	1573.5	1399.5	1235.6	1087.9
-42.5°	2816.4	2567.3	2339.4	2128.2	1923.8	1746.8	1569.1	1407.7	1255.9	1118.6	995.8
-45°	2345.5	2167.6	1982.3	1827.2	1669.3	1528.2	1386.4	1253.4	1125.8	1013.8	905.0
-47.5°	1972.8	1840.4	1700.8	1576.3	1458.1	1337.2	1226.6	1111.9	1013.0	913.2	822.5
-50°	1668.5	1570.6	1468.5	1367.8	1274.9	1176.2	1084.5	994.2	907.2	824.4	741.8
-52.5°	1417.7	1346.8	1271.2	1191.1	1117.2	1040.2	960.1	887.6	812.5	739.6	667.4
-55°	1218.8	1162.3	1105.0	1044.4	982.7	919.7	854.2	789.1	724.5	658.1	603.6
-57.5°	1055.5	1007.9	962.4	914.3	863.9	810.5	754.8	696.6	643.8	593.6	544.1
-60°	912.4	872.3	835.9	797.2	756.0	709.8	664.4	618.6	572.9	529.3	486.8
-62.5°	783.1	754.7	721.9	688.9	656.4	622.3	581.5	541.2	502.4	464.9	429.9
-65°	657.9	633.6	608.2	584.6	558.5	529.4	494.9	463.4	432.9	402.0	373.1
-67.5°	546.9	528.2	507.9	486.8	466.1	442.8	417.3	391.1	366.7	341.5	319.9
-70°	455.5	442.0	426.2	407.4	388.5	369.4	350.0	329.4	307.2	284.6	267.2
-72.5°	379.5	369.5	357.1	341.5	324.8	308.1	290.9	272.6	253.0	232.0	215.3
-75°	313.3	306.0	296.5	282.7	268.0	252.4	237.2	220.6	201.5	180.0	163.1
-77.5°	251.8	247.1	241.0	229.7	218.2	206.7	193.3	173.9	154.6	136.2	123.8
-80°	188.8	186.7	183.1	173.6	164.0	154.2	143.4	128.6	114.5	101.3	91.1
-82.5°	124.5	122.3	119.3	113.5	107.9	102.5	96.9	86.9	77.1	67.6	59.4
-85°	63.0	61.2	59.4	58.4	57.3	56.0	54.3	48.6	43.1	37.9	33.3
-87.5°	18.3	18.3	18.2	18.4	18.6	18.7	18.7	17.3	15.9	14.6	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	1.7	1.3	1.3
65°	1.3	1.3	1.4	2.0	1.8	1.3	1.3	2.5	2.2	1.9	1.3
62.5°	2.6	1.3	3.4	4.7	3.0	2.4	1.9	5.6	3.6	2.5	1.8
60°	6.1	4.9	9.3	14.3	10.3	4.0	5.9	9.6	8.8	3.2	2.5
57.5°	31.0	14.2	20.9	27.3	26.0	14.6	11.9	16.4	14.9	8.7	3.4
55°	64.4	54.8	43.6	43.3	43.9	34.7	24.7	25.5	22.6	16.0	5.1
52.5°	97.8	94.9	84.4	68.8	63.2	57.1	46.7	36.1	33.5	23.9	12.6
50°	139.5	131.9	123.6	107.6	87.2	79.2	68.6	55.1	45.6	33.5	20.9
47.5°	187.2	173.9	161.5	145.9	123.6	102.6	90.7	74.8	58.9	45.9	29.2
45°	261.5	218.4	201.6	183.6	160.6	134.3	113.7	94.2	76.3	58.5	37.6
42.5°	337.9	277.8	242.6	222.4	198.4	168.7	137.6	115.7	93.5	71.0	47.5
40°	414.7	340.4	287.1	261.8	237.4	203.0	168.1	138.2	110.3	83.9	58.3
37.5°	497.8	410.5	338.3	302.8	277.1	239.9	199.1	161.2	127.5	98.0	69.0
35°	601.2	493.5	394.1	350.2	315.6	277.6	229.8	186.2	148.1	112.2	79.6
32.5°	717.4	585.2	474.0	401.9	354.8	315.9	262.5	214.3	169.2	126.3	89.9
30°	833.0	679.6	549.8	453.1	396.5	351.8	297.3	242.7	190.8	140.4	100.4
27.5°	921.2	761.0	620.8	514.6	442.7	387.6	332.0	271.1	212.8	156.0	112.0
25°	1011.3	836.4	689.7	574.8	487.9	424.0	365.4	299.6	236.2	173.9	123.3
22.5°	1116.6	908.0	747.8	629.1	535.8	461.0	397.2	328.5	259.8	191.6	134.2
20°	1219.5	974.0	801.2	692.6	588.2	502.4	428.4	356.0	283.0	209.0	144.8
17.5°	1325.0	1066.8	889.9	758.3	642.2	543.2	459.3	382.1	305.4	226.0	155.0
15°	1484.1	1190.8	979.4	823.2	694.5	583.2	489.5	406.6	327.1	242.4	164.1
12.5°	1634.1	1307.5	1066.2	886.7	744.7	622.0	518.8	429.7	347.7	255.9	171.6
10°	1766.6	1416.1	1149.3	947.8	792.3	659.3	546.9	447.7	360.0	266.8	178.4
7.5°	1881.9	1515.8	1227.8	1006.0	833.0	684.5	561.2	457.2	369.3	276.3	184.3
5°	1970.2	1583.7	1270.9	1029.3	848.2	696.0	571.4	464.8	376.7	284.5	189.4
2.5°	1999.3	1606.3	1287.9	1042.4	859.4	704.3	579.2	470.7	382.3	291.1	193.7
0°	2012.7	1617.2	1296.7	1049.9	866.2	709.4	584.6	474.7	386.2	296.3	197.1
-2.5°	2027.5	1632.1	1309.0	1061.6	873.4	716.3	590.4	481.0	391.8	302.1	202.8
-5°	2026.4	1634.9	1313.0	1067.2	876.2	720.0	593.7	485.4	395.8	306.3	207.5
-7.5°	2005.0	1622.2	1307.9	1066.1	874.7	720.5	594.6	488.1	398.2	309.0	211.3
-10°	1966.7	1595.8	1293.2	1056.4	868.9	717.3	593.2	488.9	399.2	310.2	213.9
-12.5°	1912.8	1558.4	1269.5	1040.7	858.6	710.6	588.8	486.6	398.6	309.8	215.4
-15°	1843.4	1510.2	1236.7	1018.8	843.7	700.6	581.9	481.9	395.1	307.6	215.8
-17.5°	1759.6	1451.6	1194.9	990.9	824.1	687.3	572.3	475.3	390.4	303.6	215.3
-20°	1681.8	1390.0	1146.7	957.1	799.9	670.8	560.0	467.0	384.5	298.6	214.3

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Scaled Data Report



REPORT NUMBER: P627562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1594.8	1326.0	1104.0	924.7	774.3	651.1	545.2	456.9	377.6	292.7	212.4
-25°	1495.2	1253.4	1055.2	888.6	749.5	632.3	529.9	445.0	369.5	286.0	209.6
-27.5°	1401.7	1178.6	1000.5	847.0	720.7	610.6	514.9	434.0	360.2	278.6	205.8
-30°	1306.2	1113.4	948.0	803.4	689.0	586.4	497.9	422.2	349.8	272.0	201.3
-32.5°	1209.2	1042.3	891.8	765.6	658.3	560.4	479.4	409.6	338.9	265.5	197.5
-35°	1125.7	972.5	831.5	725.0	626.8	538.2	461.0	396.1	327.6	258.2	193.4
-37.5°	1037.0	901.6	784.6	684.6	593.0	514.1	443.2	380.3	316.0	250.0	188.4
-40°	957.5	835.5	734.0	645.6	562.7	488.0	423.5	363.4	305.1	240.9	182.6
-42.5°	876.6	775.4	684.7	603.6	532.1	464.0	402.0	345.4	291.1	232.6	175.9
-45°	805.7	713.8	633.7	565.5	500.3	437.9	380.9	326.7	276.1	224.0	169.0
-47.5°	732.5	654.4	586.1	525.7	468.8	410.7	358.8	309.4	260.5	214.3	161.9
-50°	664.1	598.2	541.4	487.2	434.2	385.3	336.6	291.6	246.3	201.7	153.9
-52.5°	603.4	548.4	497.9	448.5	403.0	358.9	316.7	273.5	231.5	189.2	145.0
-55°	549.7	500.7	455.2	412.5	371.7	335.2	296.4	256.4	216.1	176.3	135.6
-57.5°	498.3	454.1	415.5	377.5	342.7	311.0	276.5	238.8	200.5	162.7	127.2
-60°	446.6	411.0	376.7	344.8	314.7	285.9	256.7	220.6	184.4	148.7	117.1
-62.5°	397.0	367.3	340.8	312.7	285.2	259.9	236.1	201.7	167.6	134.9	105.8
-65°	348.4	325.6	304.3	277.9	254.0	232.8	213.1	182.2	149.9	120.3	94.0
-67.5°	300.3	281.5	262.4	241.0	223.2	206.0	188.5	160.6	131.2	104.8	82.2
-70°	251.7	235.7	222.1	208.5	193.7	178.5	161.1	137.3	111.7	90.1	69.9
-72.5°	204.0	194.3	186.1	176.5	164.0	149.6	133.3	113.9	93.9	75.0	57.2
-75°	157.1	155.1	152.7	146.5	134.5	121.0	107.8	92.9	75.8	59.5	46.6
-77.5°	123.8	122.9	121.2	116.9	106.4	95.4	84.0	71.4	58.4	47.2	36.6
-80°	91.7	91.6	90.8	88.1	79.1	69.8	61.8	53.8	44.3	35.1	26.4
-82.5°	60.2	61.2	61.6	60.8	54.7	48.7	43.0	37.2	29.9	22.8	17.7
-85°	34.4	35.1	35.3	34.8	31.1	27.5	25.0	22.6	18.6	15.1	11.8
-87.5°	14.3	15.1	15.7	16.2	15.0	13.7	12.5	11.3	9.3	7.6	5.9
-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: P627562 (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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.3	0.0
72.5°	1.3	1.3	1.3	1.2	0.8	0.4	0.0
70°	1.3	1.3	1.3	1.3	0.9	0.4	0.0
67.5°	1.4	1.3	1.3	1.3	1.0	0.5	0.0
65°	1.6	1.4	1.3	1.3	1.1	0.5	0.0
62.5°	1.8	1.8	1.3	1.3	1.2	0.6	0.0
60°	2.1	2.1	1.3	1.3	1.3	0.6	0.0
57.5°	3.6	2.5	1.7	1.3	1.3	0.7	0.0
55°	5.5	2.9	2.1	1.3	1.3	0.7	0.0
52.5°	7.7	3.7	2.5	1.3	1.4	0.8	0.0
50°	10.2	6.0	3.0	1.3	1.4	0.8	0.0
47.5°	13.6	8.5	3.5	1.4	1.4	0.9	0.0
45°	20.9	11.1	4.0	1.8	1.5	0.9	0.0
42.5°	28.1	13.9	4.5	2.1	1.5	1.0	0.0
40°	35.3	16.9	5.9	2.6	1.6	1.0	0.0
37.5°	42.5	19.9	8.2	3.2	1.6	1.0	0.0
35°	49.6	24.8	10.5	3.9	1.7	1.1	0.0
32.5°	57.0	30.4	12.8	4.5	1.7	1.1	0.0
30°	65.4	35.8	15.2	5.3	1.8	1.1	0.0
27.5°	73.5	41.1	17.9	6.0	1.9	1.2	0.0
25°	81.4	46.2	20.6	6.8	2.0	1.2	0.0
22.5°	88.9	51.2	23.2	7.7	2.0	1.2	0.0
20°	96.0	56.0	25.8	8.5	2.1	1.2	0.0
17.5°	102.7	60.5	28.2	9.4	2.2	1.2	0.0
15°	108.8	64.8	30.6	10.2	2.3	1.3	0.0
12.5°	114.3	68.7	32.8	11.1	2.3	1.3	0.0
10°	119.4	72.3	34.9	11.9	2.4	1.3	0.0
7.5°	123.9	75.6	36.8	12.7	2.5	1.3	0.0
5°	127.9	78.5	38.6	13.4	2.6	1.3	0.0
2.5°	131.3	81.0	40.2	14.1	2.6	1.3	0.0
0°	134.1	83.1	41.6	14.8	2.7	1.3	0.0
-2.5°	137.7	85.7	43.5	15.7	3.1	1.4	0.0
-5°	140.8	87.9	45.2	16.6	3.5	1.5	0.0
-7.5°	143.2	89.7	46.6	17.4	3.9	1.6	0.0
-10°	144.9	91.0	47.8	18.0	4.3	1.6	0.0
-12.5°	145.9	91.9	48.7	18.6	4.6	1.7	0.0
-15°	146.2	92.4	49.2	19.1	4.9	1.8	0.0
-17.5°	145.8	92.3	49.5	19.4	5.3	1.8	0.0
-20°	145.3	91.8	49.5	19.7	5.5	1.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.4	90.8	49.0	19.8	5.8	1.9	0.0
-25°	144.8	90.5	48.3	19.8	6.0	2.0	0.0
-27.5°	143.4	90.1	47.2	19.7	6.2	2.0	0.0
-30°	141.3	89.1	45.8	19.4	6.3	2.0	0.0
-32.5°	138.4	87.6	45.2	19.0	6.4	2.0	0.0
-35°	135.7	85.5	44.3	18.4	6.5	2.0	0.0
-37.5°	132.6	83.2	42.9	17.7	6.5	2.0	0.0
-40°	128.8	81.2	41.2	16.9	6.5	2.0	0.0
-42.5°	124.3	78.6	40.0	16.1	6.4	2.0	0.0
-45°	119.0	75.6	39.2	15.5	6.3	1.9	0.0
-47.5°	113.0	72.0	38.0	14.7	6.2	1.9	0.0
-50°	107.7	67.9	36.4	14.4	6.0	1.8	0.0
-52.5°	102.0	63.3	34.5	14.2	5.8	1.8	0.0
-55°	95.7	59.6	32.1	13.8	5.5	1.7	0.0
-57.5°	88.8	55.6	29.3	13.3	5.2	1.6	0.0
-60°	81.5	51.0	26.3	12.5	4.8	1.5	0.0
-62.5°	74.4	45.9	24.5	11.7	4.6	1.4	0.0
-65°	66.5	40.3	22.4	10.6	4.2	1.3	0.0
-67.5°	58.0	35.2	20.0	9.5	3.9	1.2	0.0
-70°	48.9	30.9	17.4	8.1	3.5	1.1	0.0
-72.5°	41.6	26.2	14.6	7.2	3.1	1.0	0.0
-75°	34.1	21.2	11.6	6.3	2.7	0.8	0.0
-77.5°	26.3	16.0	9.6	5.3	2.3	0.7	0.0
-80°	18.1	12.2	7.8	4.3	1.9	0.6	0.0
-82.5°	13.4	9.2	5.9	3.3	1.4	0.4	0.0
-85°	9.0	6.2	3.9	2.2	0.9	0.3	0.0
-87.5°	4.5	3.1	2.0	1.1	0.5	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)