

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: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627553 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-722-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N108
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

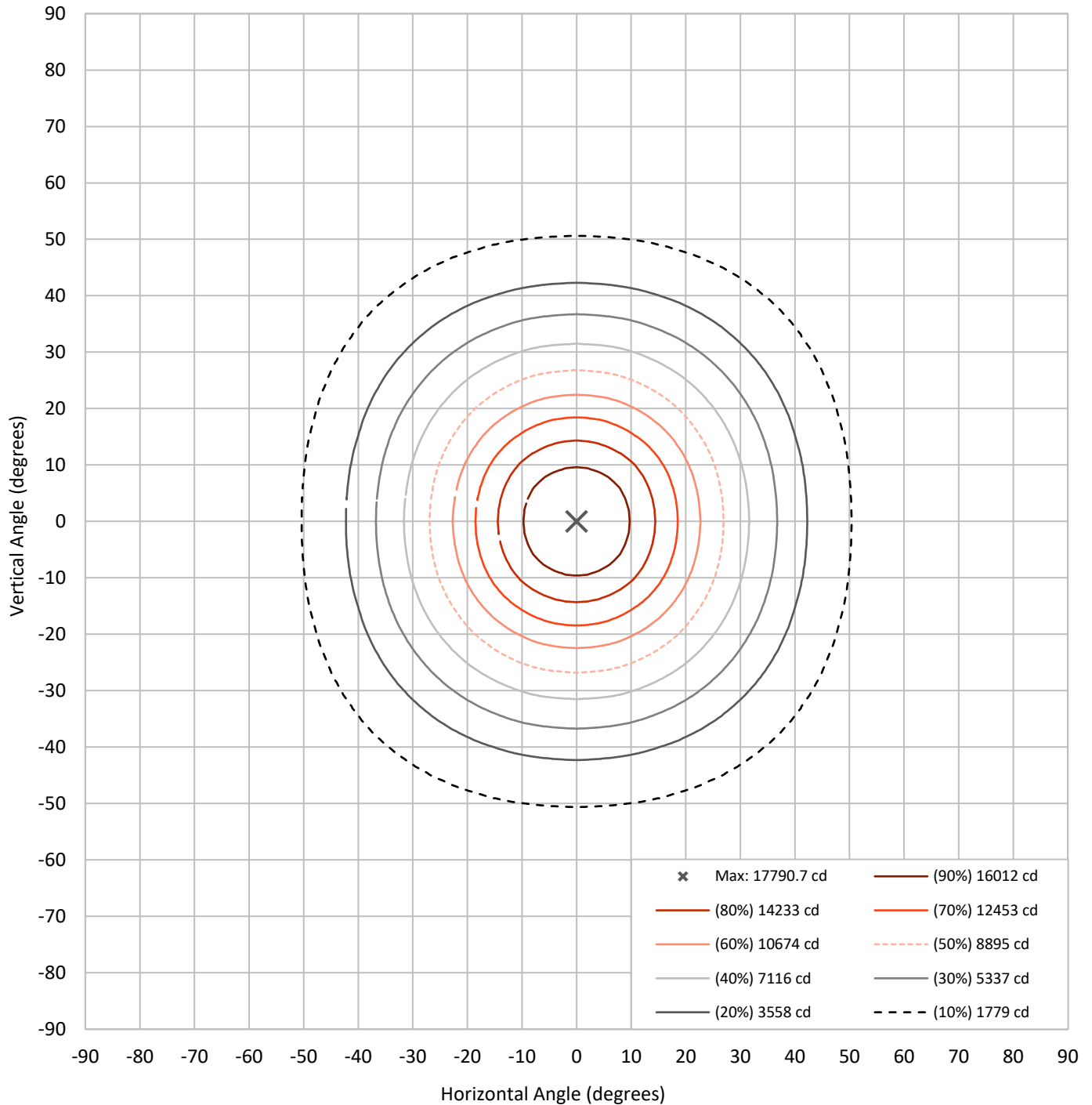
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18106.8 lumens	Max Intensity:	17790.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.1 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:	8657.6 lumens	Field Lumens:	15979.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





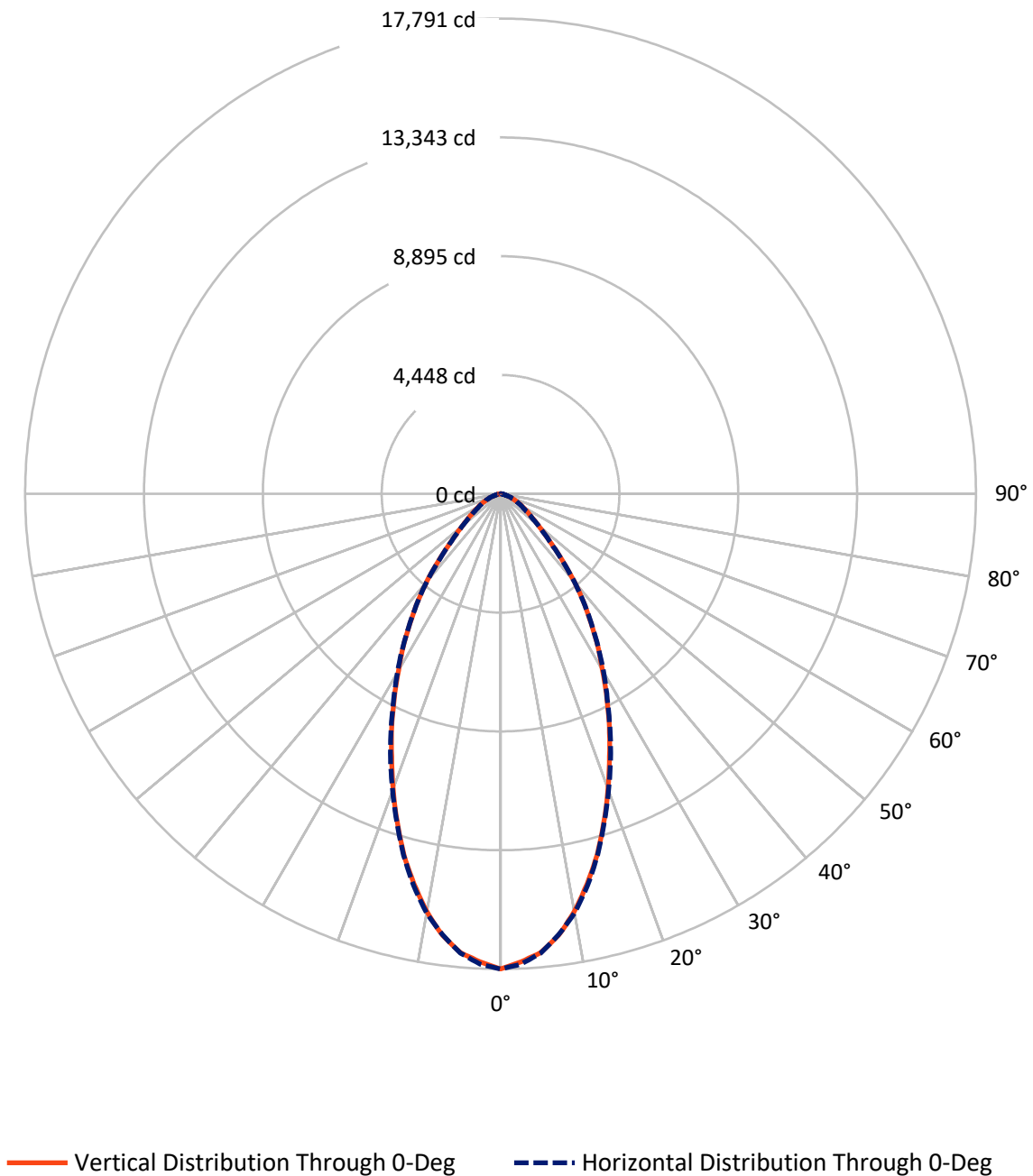
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Lumen Table

90																			
80	0.7	5.0		11.4		19.0		16.2		19.0		11.4		5.0		0.7			
70																			
60	2.3	2.7	5.2	8.3	12.1	15.7	18.4	19.7	19.7	18.4	15.7	12.1	8.3	5.2	2.7	2.3			
50		3.9	7.9	13.6	20.8	28.7	35.8	39.9	39.9	35.8	28.7	20.8	13.6	7.9	3.9				
40	3.5	5.0	10.8	20.3	34.2	52.6	72.5	85.7	85.7	72.5	52.6	34.2	20.3	10.8	5.0	3.5			
30		6.1	14.2	29.5	57.4	101.9	148.1	175.6	175.6	148.1	101.9	57.4	29.5	14.2	6.1				
20	4.1	7.1	17.7	41.3	92.8	166.8	238.6	285.2	285.2	238.6	166.8	92.8	41.3	17.7	7.1	4.1			
10		7.9	20.8	53.5	126.6	225.2	332.5	409.0	409.0	332.5	225.2	126.6	53.5	20.8	7.9				
0	4.3	8.3	22.5	61.5	145.8	261.8	398.4	501.0	501.0	398.4	261.8	145.8	61.5	22.5	8.3	4.3			
-10		8.3	22.5	61.5	145.8	261.8	398.4	501.0	501.0	398.4	261.8	145.8	61.5	22.5	8.3				
-20	4.1	7.9	20.8	53.5	126.6	225.2	332.5	409.0	409.0	332.5	225.2	126.6	53.5	20.8	7.9	4.1			
-30		7.1	17.7	41.3	92.8	166.8	238.6	285.2	285.2	238.6	166.8	92.8	41.3	17.7	7.1				
-40	3.5	6.1	14.2	29.5	57.4	101.9	148.1	175.6	175.6	148.1	101.9	57.4	29.5	14.2	6.1	3.5			
-50		5.0	10.8	20.3	34.2	52.6	72.5	85.7	85.7	72.5	52.6	34.2	20.3	10.8	5.0				
-60	2.3	3.9	7.9	13.6	20.8	28.7	35.8	39.9	39.9	35.8	28.7	20.8	13.6	7.9	3.9	2.3			
-70		2.7	5.2	8.3	12.1	15.7	18.4	19.7	19.7	18.4	15.7	12.1	8.3	5.2	2.7				
-80																			
-90	0.7	5.0		11.4		19.0		16.2		19.0		11.4		5.0		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

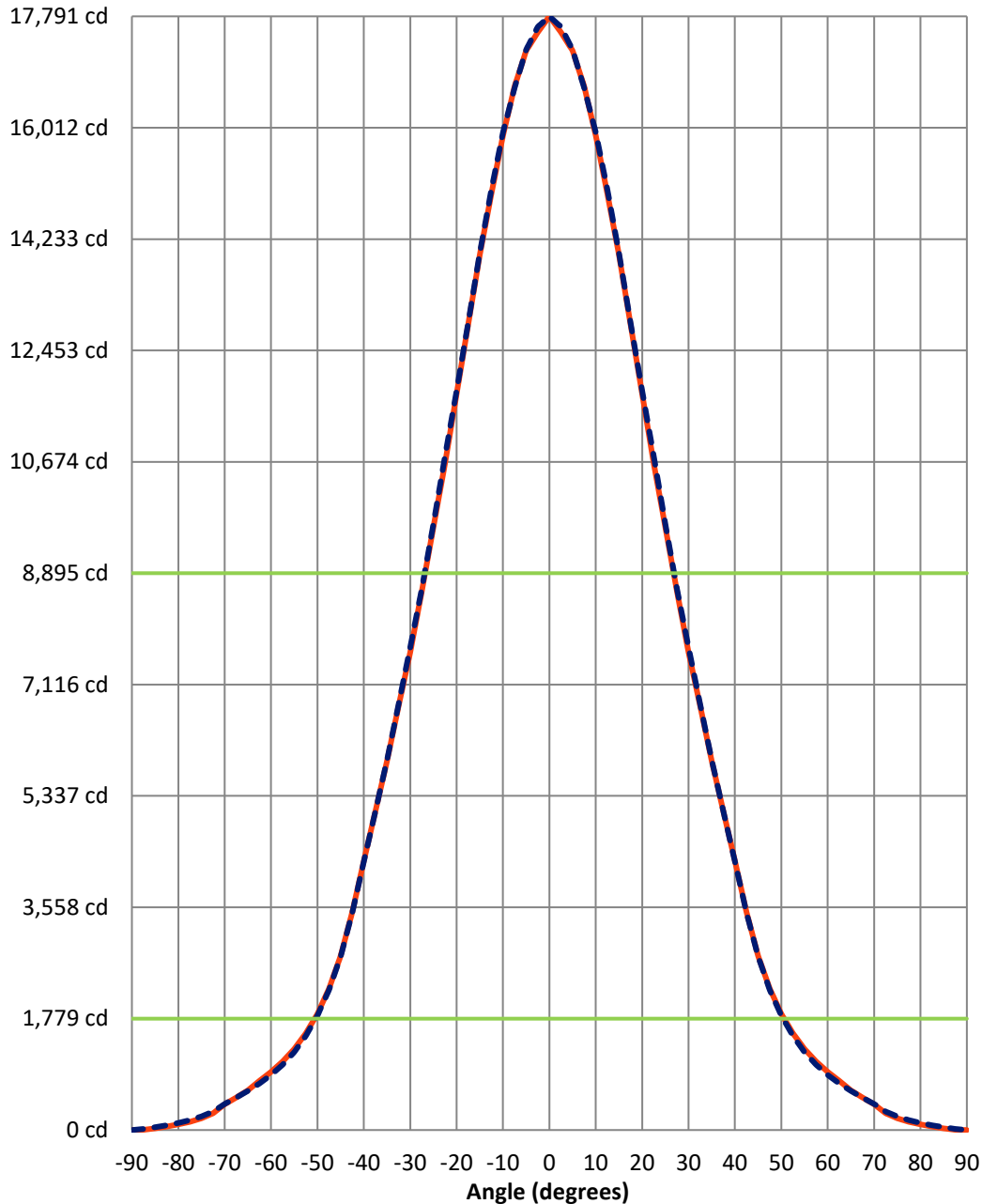
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 8657.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 15979.9
 Efficiency: 88.3%

Spill:
 Lumens: 2126.9
 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	0.9	2.1	3.4	4.9	6.6	8.5	9.4	10.1	10.7	11.2
85°	0.0	1.8	4.2	6.8	9.8	13.2	16.9	18.7	20.2	21.4	22.3
82.5°	0.0	2.7	6.2	10.2	14.7	19.7	25.2	28.1	31.0	35.9	40.2
80°	0.0	3.6	8.3	13.5	19.5	26.1	34.3	42.6	49.8	56.3	62.0
77.5°	0.0	4.5	10.3	16.8	24.2	34.0	48.9	59.7	68.7	76.8	84.8
75°	0.0	5.3	12.2	20.0	29.3	44.4	63.2	76.8	87.5	98.5	110.2
72.5°	0.0	6.2	14.2	23.2	36.3	54.6	77.0	93.5	106.5	120.4	135.3
70°	0.0	7.0	16.1	26.5	43.1	64.3	90.0	109.3	125.1	142.0	161.9
67.5°	0.0	7.8	17.9	30.6	49.5	73.6	101.4	124.8	143.3	164.3	188.1
65°	0.0	8.6	19.7	34.6	55.7	82.1	112.2	139.9	161.3	185.8	213.0
62.5°	0.0	9.4	21.4	38.3	61.4	89.9	122.4	154.2	178.5	206.3	236.1
60°	0.0	10.2	23.0	41.8	66.9	97.3	131.9	167.8	195.0	226.3	258.5
57.5°	0.0	10.9	25.0	45.1	71.9	104.1	140.5	180.0	211.6	245.5	279.2
55°	0.0	11.6	27.0	48.2	76.6	110.4	148.5	189.8	227.9	264.0	298.9
52.5°	0.0	12.2	28.8	50.9	80.9	116.1	155.8	200.4	243.5	281.6	318.3
50°	0.0	12.9	30.6	53.4	84.8	121.4	162.4	210.4	258.6	298.7	339.5
47.5°	0.0	13.5	32.3	55.7	88.3	126.2	168.5	219.4	273.5	315.4	360.3
45°	0.0	14.0	33.9	58.0	91.3	130.4	175.4	227.6	284.2	333.5	380.4
42.5°	0.0	14.5	35.4	60.0	94.0	134.1	181.6	235.6	294.0	350.9	401.3
40°	0.0	15.0	36.8	62.2	96.4	137.2	187.0	243.3	303.7	367.0	421.5
37.5°	0.0	15.5	38.1	64.4	98.5	139.8	191.6	250.4	314.3	379.8	440.6
35°	0.0	15.9	39.3	66.5	100.3	142.6	195.4	256.6	324.4	393.8	460.2
32.5°	0.0	16.3	40.4	68.4	101.6	145.3	198.9	262.1	334.1	408.1	480.2
30°	0.0	16.6	41.5	70.1	102.5	147.4	202.8	267.5	343.2	422.5	499.1
27.5°	0.0	16.9	42.4	71.6	104.7	148.9	206.0	274.1	352.7	437.0	516.7
25°	0.0	17.2	43.2	72.9	106.8	149.8	208.5	280.0	363.4	451.1	533.3
22.5°	0.0	17.4	43.9	74.0	108.7	151.0	210.3	285.2	373.6	464.1	551.3
20°	0.0	17.6	44.5	74.9	110.3	153.7	211.3	289.7	383.1	475.8	567.5
17.5°	0.0	17.7	45.0	75.6	111.6	156.0	213.6	293.2	392.0	486.1	581.7
15°	0.0	17.8	45.3	76.1	112.7	157.7	216.5	296.6	399.9	495.0	593.8
12.5°	0.0	17.8	45.6	76.5	113.5	159.0	218.6	299.6	406.6	502.4	604.0
10°	0.0	17.9	45.8	76.6	114.0	159.8	219.8	301.3	411.8	508.6	612.2
7.5°	0.0	17.9	45.8	76.6	114.2	160.1	220.4	301.7	415.5	513.3	618.6
5°	0.0	17.8	45.7	76.4	114.2	160.0	220.1	300.8	417.5	516.6	622.9
2.5°	0.0	17.7	45.6	76.0	113.8	159.4	219.2	298.7	417.8	518.2	625.0
0°	0.0	17.6	45.3	75.4	113.2	158.4	217.5	295.5	416.2	518.0	624.9
-2.5°	0.0	17.7	45.6	76.0	113.8	159.4	219.2	298.7	417.8	518.2	625.0
-5°	0.0	17.8	45.7	76.4	114.2	160.0	220.1	300.8	417.5	516.6	622.9
-7.5°	0.0	17.9	45.8	76.6	114.2	160.1	220.4	301.7	415.5	513.3	618.6
-10°	0.0	17.9	45.8	76.6	114.0	159.8	219.8	301.3	411.8	508.6	612.2
-12.5°	0.0	17.8	45.6	76.5	113.5	159.0	218.6	299.6	406.6	502.4	604.0
-15°	0.0	17.8	45.3	76.1	112.7	157.7	216.5	296.6	399.9	495.0	593.8
-17.5°	0.0	17.7	45.0	75.6	111.6	156.0	213.6	293.2	392.0	486.1	581.7
-20°	0.0	17.6	44.5	74.9	110.3	153.7	211.3	289.7	383.1	475.8	567.5

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CATALOG NUMBER: GFLD-SA5B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.4	43.9	74.0	108.7	151.0	210.3	285.2	373.6	464.1	551.3
-25°	0.0	17.2	43.2	72.9	106.8	149.8	208.5	280.0	363.4	451.1	533.3
-27.5°	0.0	16.9	42.4	71.6	104.7	148.9	206.0	274.1	352.7	437.0	516.7
-30°	0.0	16.6	41.5	70.1	102.5	147.4	202.8	267.5	343.2	422.5	499.1
-32.5°	0.0	16.3	40.4	68.4	101.6	145.3	198.9	262.1	334.1	408.1	480.2
-35°	0.0	15.9	39.3	66.5	100.3	142.6	195.4	256.6	324.4	393.8	460.2
-37.5°	0.0	15.5	38.1	64.4	98.5	139.8	191.6	250.4	314.3	379.8	440.6
-40°	0.0	15.0	36.8	62.2	96.4	137.2	187.0	243.3	303.7	367.0	421.5
-42.5°	0.0	14.5	35.4	60.0	94.0	134.1	181.6	235.6	294.0	350.9	401.3
-45°	0.0	14.0	33.9	58.0	91.3	130.4	175.4	227.6	284.2	333.5	380.4
-47.5°	0.0	13.5	32.3	55.7	88.3	126.2	168.5	219.4	273.5	315.4	360.3
-50°	0.0	12.9	30.6	53.4	84.8	121.4	162.4	210.4	258.6	298.7	339.5
-52.5°	0.0	12.2	28.8	50.9	80.9	116.1	155.8	200.4	243.5	281.6	318.3
-55°	0.0	11.6	27.0	48.2	76.6	110.4	148.5	189.8	227.9	264.0	298.9
-57.5°	0.0	10.9	25.0	45.1	71.9	104.1	140.5	180.0	211.6	245.5	279.2
-60°	0.0	10.2	23.0	41.8	66.9	97.3	131.9	167.8	195.0	226.3	258.5
-62.5°	0.0	9.4	21.4	38.3	61.4	89.9	122.4	154.2	178.5	206.3	236.1
-65°	0.0	8.6	19.7	34.6	55.7	82.1	112.2	139.9	161.3	185.8	213.0
-67.5°	0.0	7.8	17.9	30.6	49.5	73.6	101.4	124.8	143.3	164.3	188.1
-70°	0.0	7.0	16.1	26.5	43.1	64.3	90.0	109.3	125.1	142.0	161.9
-72.5°	0.0	6.2	14.2	23.2	36.3	54.6	77.0	93.5	106.5	120.4	135.3
-75°	0.0	5.3	12.2	20.0	29.3	44.4	63.2	76.8	87.5	98.5	110.2
-77.5°	0.0	4.5	10.3	16.8	24.2	34.0	48.9	59.7	68.7	76.8	84.8
-80°	0.0	3.6	8.3	13.5	19.5	26.1	34.3	42.6	49.8	56.3	62.0
-82.5°	0.0	2.7	6.2	10.2	14.7	19.7	25.2	28.1	31.0	35.9	40.2
-85°	0.0	1.8	4.2	6.8	9.8	13.2	16.9	18.7	20.2	21.4	22.3
-87.5°	0.0	0.9	2.1	3.4	4.9	6.6	8.5	9.4	10.1	10.7	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	11.3	11.3	11.2	10.8	10.4	9.7	8.9	8.0	8.3	8.7	9.0
85°	22.7	22.7	24.6	26.3	27.1	27.2	26.7	25.5	28.8	32.6	36.6
82.5°	44.3	48.1	51.8	55.2	55.5	54.6	53.0	51.0	57.7	65.8	74.3
80°	67.9	73.5	80.1	86.2	87.6	87.0	85.1	82.0	90.8	103.4	116.9
77.5°	94.2	103.2	111.5	119.3	121.5	121.1	119.7	117.2	128.5	145.9	163.9
75°	122.0	132.8	143.6	153.1	157.1	157.5	157.0	159.7	174.5	194.8	212.8
72.5°	150.9	164.7	176.9	187.3	193.8	198.8	205.4	213.5	228.5	248.4	266.0
70°	181.4	196.8	209.6	221.2	231.2	242.1	256.0	269.8	285.6	305.5	323.8
67.5°	211.6	227.2	241.7	255.9	274.1	291.5	308.8	326.9	346.8	367.7	386.2
65°	239.6	257.2	274.9	295.6	319.2	338.9	360.2	383.7	409.8	433.4	454.8
62.5°	266.4	286.3	308.2	333.1	358.7	383.4	412.1	442.2	472.7	502.3	531.6
60°	289.1	313.9	340.4	368.6	398.1	431.7	465.3	501.2	537.6	573.2	609.5
57.5°	310.9	341.5	372.1	404.9	441.7	480.2	520.5	560.9	604.5	647.5	688.7
55°	333.5	369.6	404.4	443.3	485.5	530.7	576.2	625.2	673.3	727.5	777.5
52.5°	357.7	396.9	437.8	482.4	531.7	582.6	636.0	692.1	752.0	812.2	873.3
50°	381.2	425.5	471.0	524.3	579.4	637.6	699.3	764.7	834.4	904.1	978.0
47.5°	405.9	453.1	508.7	566.6	629.7	696.0	765.8	843.6	921.0	1008.8	1093.7
45°	430.2	484.5	544.9	612.1	681.4	756.0	839.1	924.5	1023.3	1122.5	1234.0
42.5°	453.6	516.2	584.3	656.2	735.0	820.7	912.6	1020.1	1131.6	1254.3	1385.1
40°	480.4	546.5	623.2	703.5	789.0	886.9	997.5	1116.8	1252.8	1398.2	1546.8
37.5°	506.4	580.6	661.5	748.6	847.8	958.1	1080.3	1226.4	1383.4	1548.7	1750.9
35°	530.8	613.1	701.0	796.5	903.8	1031.7	1177.8	1339.3	1520.1	1733.4	1969.3
32.5°	556.8	643.9	738.3	845.4	967.0	1106.6	1272.5	1462.6	1676.7	1919.5	2214.7
30°	582.8	675.5	775.3	891.2	1026.5	1188.0	1376.5	1586.7	1832.9	2137.5	2484.0
27.5°	607.0	705.1	814.4	939.7	1084.3	1263.1	1476.6	1722.9	2013.0	2357.2	2762.0
25°	629.1	732.1	850.4	986.0	1148.1	1344.3	1575.7	1848.4	2193.1	2603.6	3101.5
22.5°	650.3	756.7	882.8	1027.5	1205.6	1422.8	1683.2	1995.3	2376.3	2837.0	3434.2
20°	670.1	783.2	915.1	1067.3	1256.9	1493.6	1782.0	2132.4	2566.0	3111.4	3760.3
17.5°	687.5	806.6	945.6	1110.3	1314.2	1565.7	1875.3	2253.4	2734.9	3356.4	4061.3
15°	702.5	826.8	972.0	1147.5	1365.8	1637.2	1973.1	2386.2	2911.0	3579.2	4325.6
12.5°	715.0	843.6	994.2	1178.9	1409.1	1697.8	2056.7	2504.5	3082.6	3789.1	4557.6
10°	724.9	857.2	1012.1	1204.2	1444.0	1746.9	2125.5	2601.3	3225.3	3969.1	4753.9
7.5°	733.2	867.8	1025.7	1223.3	1470.4	1784.5	2179.1	2676.0	3336.9	4111.5	4904.5
5°	739.1	875.4	1036.2	1236.8	1489.8	1810.6	2216.6	2728.3	3416.3	4214.8	5007.5
2.5°	742.4	879.5	1042.1	1243.9	1501.7	1825.4	2236.3	2761.0	3459.9	4273.7	5069.8
0°	743.1	880.2	1043.6	1244.8	1505.1	1828.2	2239.4	2771.3	3469.1	4288.9	5092.4
-2.5°	742.4	879.5	1042.1	1243.9	1501.7	1825.4	2236.3	2761.0	3459.9	4273.7	5069.8
-5°	739.1	875.4	1036.2	1236.8	1489.8	1810.6	2216.6	2728.3	3416.3	4214.8	5007.5
-7.5°	733.2	867.8	1025.7	1223.3	1470.4	1784.5	2179.1	2676.0	3336.9	4111.5	4904.5
-10°	724.9	857.2	1012.1	1204.2	1444.0	1746.9	2125.5	2601.3	3225.3	3969.1	4753.9
-12.5°	715.0	843.6	994.2	1178.9	1409.1	1697.8	2056.7	2504.5	3082.6	3789.1	4557.6
-15°	702.5	826.8	972.0	1147.5	1365.8	1637.2	1973.1	2386.2	2911.0	3579.2	4325.6
-17.5°	687.5	806.6	945.6	1110.3	1314.2	1565.7	1875.3	2253.4	2734.9	3356.4	4061.3
-20°	670.1	783.2	915.1	1067.3	1256.9	1493.6	1782.0	2132.4	2566.0	3111.4	3760.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	650.3	756.7	882.8	1027.5	1205.6	1422.8	1683.2	1995.3	2376.3	2837.0	3434.2
-25°	629.1	732.1	850.4	986.0	1148.1	1344.3	1575.7	1848.4	2193.1	2603.6	3101.5
-27.5°	607.0	705.1	814.4	939.7	1084.3	1263.1	1476.6	1722.9	2013.0	2357.2	2762.0
-30°	582.8	675.5	775.3	891.2	1026.5	1188.0	1376.5	1586.7	1832.9	2137.5	2484.0
-32.5°	556.8	643.9	738.3	845.4	967.0	1106.6	1272.5	1462.6	1676.7	1919.5	2214.7
-35°	530.8	613.1	701.0	796.5	903.8	1031.7	1177.8	1339.3	1520.1	1733.4	1969.3
-37.5°	506.4	580.6	661.5	748.6	847.8	958.1	1080.3	1226.4	1383.4	1548.7	1750.9
-40°	480.4	546.5	623.2	703.5	789.0	886.9	997.5	1116.8	1252.8	1398.2	1546.8
-42.5°	453.6	516.2	584.3	656.2	735.0	820.7	912.6	1020.1	1131.6	1254.3	1385.1
-45°	430.2	484.5	544.9	612.1	681.4	756.0	839.1	924.5	1023.3	1122.5	1234.0
-47.5°	405.9	453.1	508.7	566.6	629.7	696.0	765.8	843.6	921.0	1008.8	1093.7
-50°	381.2	425.5	471.0	524.3	579.4	637.6	699.3	764.7	834.4	904.1	978.0
-52.5°	357.7	396.9	437.8	482.4	531.7	582.6	636.0	692.1	752.0	812.2	873.3
-55°	333.5	369.6	404.4	443.3	485.5	530.7	576.2	625.2	673.3	727.5	777.5
-57.5°	310.9	341.5	372.1	404.9	441.7	480.2	520.5	560.9	604.5	647.5	688.7
-60°	289.1	313.9	340.4	368.6	398.1	431.7	465.3	501.2	537.6	573.2	609.5
-62.5°	266.4	286.3	308.2	333.1	358.7	383.4	412.1	442.2	472.7	502.3	531.6
-65°	239.6	257.2	274.9	295.6	319.2	338.9	360.2	383.7	409.8	433.4	454.8
-67.5°	211.6	227.2	241.7	255.9	274.1	291.5	308.8	326.9	346.8	367.7	386.2
-70°	181.4	196.8	209.6	221.2	231.2	242.1	256.0	269.8	285.6	305.5	323.8
-72.5°	150.9	164.7	176.9	187.3	193.8	198.8	205.4	213.5	228.5	248.4	266.0
-75°	122.0	132.8	143.6	153.1	157.1	157.5	157.0	159.7	174.5	194.8	212.8
-77.5°	94.2	103.2	111.5	119.3	121.5	121.1	119.7	117.2	128.5	145.9	163.9
-80°	67.9	73.5	80.1	86.2	87.6	87.0	85.1	82.0	90.8	103.4	116.9
-82.5°	44.3	48.1	51.8	55.2	55.5	54.6	53.0	51.0	57.7	65.8	74.3
-85°	22.7	22.7	24.6	26.3	27.1	27.2	26.7	25.5	28.8	32.6	36.6
-87.5°	11.3	11.3	11.2	10.8	10.4	9.7	8.9	8.0	8.3	8.7	9.0
-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: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	9.3	9.0	8.7	8.4	8.0	7.8	7.7	7.5	7.2	6.7	6.2
85°	40.9	41.8	42.3	42.6	42.6	43.9	45.2	46.4	47.4	43.0	38.1
82.5°	83.1	87.0	90.5	93.9	97.2	99.6	101.3	102.6	103.4	93.6	82.6
80°	130.9	139.1	145.8	152.4	158.6	160.1	160.1	159.2	157.5	144.1	128.9
77.5°	182.0	192.8	201.3	209.7	218.0	221.1	222.6	223.7	224.5	207.9	187.5
75°	228.4	241.2	253.2	264.2	274.4	279.9	283.0	285.6	287.6	271.0	249.1
72.5°	281.3	294.9	307.8	320.1	330.9	338.0	342.7	346.5	349.5	340.1	326.4
70°	339.5	353.5	367.1	379.9	392.1	401.8	409.3	415.9	421.3	422.4	421.9
67.5°	404.1	420.6	436.8	450.7	465.3	478.9	490.9	500.8	508.8	514.0	517.0
65°	476.6	501.5	523.6	542.4	558.1	576.2	592.3	604.5	613.2	619.7	625.3
62.5°	562.0	592.1	617.4	642.5	668.3	693.4	709.1	724.9	740.2	754.8	767.1
60°	644.2	677.2	711.5	743.5	773.1	800.3	828.5	853.4	875.3	893.5	907.1
57.5°	731.8	772.0	811.0	851.6	889.8	925.5	960.2	992.3	1020.1	1043.4	1062.5
55°	826.9	876.1	922.5	974.0	1023.9	1069.5	1111.4	1154.4	1193.1	1227.2	1254.2
52.5°	929.4	993.4	1054.8	1115.3	1180.0	1238.4	1290.7	1350.3	1403.1	1446.8	1480.8
50°	1051.9	1127.1	1208.1	1283.1	1364.7	1445.1	1519.2	1591.0	1661.2	1722.0	1771.1
47.5°	1191.3	1283.9	1384.2	1483.6	1584.9	1694.8	1792.9	1884.0	1982.2	2067.4	2135.7
45°	1346.2	1464.3	1585.5	1725.1	1853.8	1995.0	2125.7	2243.0	2382.2	2504.8	2603.6
42.5°	1518.1	1675.3	1834.7	2010.7	2181.4	2360.6	2551.0	2719.9	2904.5	3080.6	3222.8
40°	1731.2	1919.1	2132.6	2345.6	2590.6	2820.8	3098.1	3350.2	3579.1	3788.9	3961.0
37.5°	1967.9	2209.9	2478.1	2755.5	3090.7	3419.3	3744.0	4050.5	4321.1	4550.8	4743.6
35°	2236.7	2544.2	2869.0	3273.9	3666.7	4060.4	4427.1	4762.1	5056.4	5315.6	5536.0
32.5°	2545.9	2914.9	3369.6	3824.5	4272.6	4706.0	5108.6	5474.0	5796.7	6087.7	6341.2
30°	2870.9	3374.4	3884.8	4383.9	4873.3	5348.0	5789.8	6192.2	6556.9	6880.9	7172.9
27.5°	3284.0	3842.0	4398.5	4936.5	5474.9	5994.4	6473.2	6920.3	7338.8	7705.0	8038.8
25°	3683.6	4299.9	4891.5	5478.1	6064.2	6621.9	7157.4	7662.3	8141.6	8561.9	8934.5
22.5°	4083.0	4728.2	5360.4	5991.1	6620.7	7242.5	7843.6	8422.1	8958.2	9436.7	9856.2
20°	4453.0	5127.5	5803.5	6483.4	7165.9	7846.5	8521.7	9172.7	9769.9	10322.4	10807.9
17.5°	4784.7	5502.0	6218.7	6946.0	7685.8	8424.8	9174.8	9904.6	10587.3	11215.9	11779.2
15°	5078.4	5826.9	6596.7	7381.5	8175.9	8978.4	9796.9	10613.4	11381.8	12095.9	12724.7
12.5°	5335.3	6113.4	6920.2	7754.1	8616.3	9490.6	10383.7	11278.8	12129.6	12953.9	13632.9
10°	5547.2	6357.1	7200.3	8076.5	8985.8	9926.7	10885.0	11848.5	12785.8	13660.3	14436.7
7.5°	5710.9	6551.0	7420.0	8331.3	9285.3	10277.5	11292.6	12315.1	13315.3	14257.6	15116.7
5°	5826.3	6692.2	7572.1	8520.1	9507.1	10535.4	11590.5	12655.9	13701.6	14692.3	15582.7
2.5°	5893.3	6777.0	7660.7	8634.8	9639.1	10691.5	11775.2	12858.2	13931.4	14959.0	15873.9
0°	5911.0	6802.5	7711.5	8647.0	9680.6	10764.5	11809.4	12895.7	14011.0	15024.5	15936.1
-2.5°	5893.3	6777.0	7660.7	8634.8	9639.1	10691.5	11775.2	12858.2	13931.4	14959.0	15873.9
-5°	5826.3	6692.2	7572.1	8520.1	9507.1	10535.4	11590.5	12655.9	13701.6	14692.3	15582.7
-7.5°	5710.9	6551.0	7420.0	8331.3	9285.3	10277.5	11292.6	12315.1	13315.3	14257.6	15116.7
-10°	5547.2	6357.1	7200.3	8076.5	8985.8	9926.7	10885.0	11848.5	12785.8	13660.3	14436.7
-12.5°	5335.3	6113.4	6920.2	7754.1	8616.3	9490.6	10383.7	11278.8	12129.6	12953.9	13632.9
-15°	5078.4	5826.9	6596.7	7381.5	8175.9	8978.4	9796.9	10613.4	11381.8	12095.9	12724.7
-17.5°	4784.7	5502.0	6218.7	6946.0	7685.8	8424.8	9174.8	9904.6	10587.3	11215.9	11779.2
-20°	4453.0	5127.5	5803.5	6483.4	7165.9	7846.5	8521.7	9172.7	9769.9	10322.4	10807.9



REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4083.0	4728.2	5360.4	5991.1	6620.7	7242.5	7843.6	8422.1	8958.2	9436.7	9856.2
-25°	3683.6	4299.9	4891.5	5478.1	6064.2	6621.9	7157.4	7662.3	8141.6	8561.9	8934.5
-27.5°	3284.0	3842.0	4398.5	4936.5	5474.9	5994.4	6473.2	6920.3	7338.8	7705.0	8038.8
-30°	2870.9	3374.4	3884.8	4383.9	4873.3	5348.0	5789.8	6192.2	6556.9	6880.9	7172.9
-32.5°	2545.9	2914.9	3369.6	3824.5	4272.6	4706.0	5108.6	5474.0	5796.7	6087.7	6341.2
-35°	2236.7	2544.2	2869.0	3273.9	3666.7	4060.4	4427.1	4762.1	5056.4	5315.6	5536.0
-37.5°	1967.9	2209.9	2478.1	2755.5	3090.7	3419.3	3744.0	4050.5	4321.1	4550.8	4743.6
-40°	1731.2	1919.1	2132.6	2345.6	2590.6	2820.8	3098.1	3350.2	3579.1	3788.9	3961.0
-42.5°	1518.1	1675.3	1834.7	2010.7	2181.4	2360.6	2551.0	2719.9	2904.5	3080.6	3222.8
-45°	1346.2	1464.3	1585.5	1725.1	1853.8	1995.0	2125.7	2243.0	2382.2	2504.8	2603.6
-47.5°	1191.3	1283.9	1384.2	1483.6	1584.9	1694.8	1792.9	1884.0	1982.2	2067.4	2135.7
-50°	1051.9	1127.1	1208.1	1283.1	1364.7	1445.1	1519.2	1591.0	1661.2	1722.0	1771.1
-52.5°	929.4	993.4	1054.8	1115.3	1180.0	1238.4	1290.7	1350.3	1403.1	1446.8	1480.8
-55°	826.9	876.1	922.5	974.0	1023.9	1069.5	1111.4	1154.4	1193.1	1227.2	1254.2
-57.5°	731.8	772.0	811.0	851.6	889.8	925.5	960.2	992.3	1020.1	1043.4	1062.5
-60°	644.2	677.2	711.5	743.5	773.1	800.3	828.5	853.4	875.3	893.5	907.1
-62.5°	562.0	592.1	617.4	642.5	668.3	693.4	709.1	724.9	740.2	754.8	767.1
-65°	476.6	501.5	523.6	542.4	558.1	576.2	592.3	604.5	613.2	619.7	625.3
-67.5°	404.1	420.6	436.8	450.7	465.3	478.9	490.9	500.8	508.8	514.0	517.0
-70°	339.5	353.5	367.1	379.9	392.1	401.8	409.3	415.9	421.3	422.4	421.9
-72.5°	281.3	294.9	307.8	320.1	330.9	338.0	342.7	346.5	349.5	340.1	326.4
-75°	228.4	241.2	253.2	264.2	274.4	279.9	283.0	285.6	287.6	271.0	249.1
-77.5°	182.0	192.8	201.3	209.7	218.0	221.1	222.6	223.7	224.5	207.9	187.5
-80°	130.9	139.1	145.8	152.4	158.6	160.1	160.1	159.2	157.5	144.1	128.9
-82.5°	83.1	87.0	90.5	93.9	97.2	99.6	101.3	102.6	103.4	93.6	82.6
-85°	40.9	41.8	42.3	42.6	42.6	43.9	45.2	46.4	47.4	43.0	38.1
-87.5°	9.3	9.0	8.7	8.4	8.0	7.8	7.7	7.5	7.2	6.7	6.2
-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: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	5.6	5.0	4.4	3.8	4.4	5.0	5.6	6.2	6.7	7.2	7.5
85°	32.9	27.6	27.0	26.4	27.0	27.6	32.9	38.1	43.0	47.4	46.4
82.5°	71.0	59.0	57.1	55.3	57.1	59.0	71.0	82.6	93.6	103.4	102.6
80°	113.1	96.7	93.6	90.5	93.6	96.7	113.1	128.9	144.1	157.5	159.2
77.5°	165.9	143.5	137.0	130.8	137.0	143.5	165.9	187.5	207.9	224.5	223.7
75°	226.3	202.7	194.8	187.4	194.8	202.7	226.3	249.1	271.0	287.6	285.6
72.5°	312.6	298.2	283.7	267.8	283.7	298.2	312.6	326.4	340.1	349.5	346.5
70°	421.4	420.4	416.8	411.2	416.8	420.4	421.4	421.9	422.4	421.3	415.9
67.5°	518.2	517.8	519.1	519.3	519.1	517.8	518.2	517.0	514.0	508.8	500.8
65°	628.8	629.9	632.5	633.7	632.5	629.9	628.8	625.3	619.7	613.2	604.5
62.5°	776.6	783.0	786.2	785.9	786.2	783.0	776.6	767.1	754.8	740.2	724.9
60°	917.3	924.0	928.2	929.2	928.2	924.0	917.3	907.1	893.5	875.3	853.4
57.5°	1077.7	1088.6	1094.4	1095.2	1094.4	1088.6	1077.7	1062.5	1043.4	1020.1	992.3
55°	1274.9	1289.4	1295.9	1295.1	1295.9	1289.4	1274.9	1254.2	1227.2	1193.1	1154.4
52.5°	1506.5	1524.1	1537.3	1545.3	1537.3	1524.1	1506.5	1480.8	1446.8	1403.1	1350.3
50°	1808.0	1833.2	1849.3	1855.9	1849.3	1833.2	1808.0	1771.1	1722.0	1661.2	1591.0
47.5°	2185.1	2218.6	2243.5	2260.8	2243.5	2218.6	2185.1	2135.7	2067.4	1982.2	1884.0
45°	2676.5	2727.6	2762.3	2782.6	2762.3	2727.6	2676.5	2603.6	2504.8	2382.2	2243.0
42.5°	3333.9	3413.2	3461.8	3480.4	3461.8	3413.2	3333.9	3222.8	3080.6	2904.5	2719.9
40°	4096.8	4192.1	4254.5	4297.7	4254.5	4192.1	4096.8	3961.0	3788.9	3579.1	3350.2
37.5°	4891.5	4991.5	5052.3	5093.7	5052.3	4991.5	4891.5	4743.6	4550.8	4321.1	4050.5
35°	5702.1	5806.8	5863.9	5895.9	5863.9	5806.8	5702.1	5536.0	5315.6	5056.4	4762.1
32.5°	6534.4	6649.8	6711.8	6776.0	6711.8	6649.8	6534.4	6341.2	6087.7	5796.7	5474.0
30°	7403.6	7536.0	7601.0	7632.3	7601.0	7536.0	7403.6	7172.9	6880.9	6556.9	6192.2
27.5°	8308.1	8473.2	8554.5	8608.1	8554.5	8473.2	8308.1	8038.8	7705.0	7338.8	6920.3
25°	9249.3	9453.8	9547.0	9630.3	9547.0	9453.8	9249.3	8934.5	8561.9	8141.6	7662.3
22.5°	10225.7	10480.4	10588.3	10647.5	10588.3	10480.4	10225.7	9856.2	9436.7	8958.2	8422.1
20°	11227.7	11532.0	11681.9	11759.1	11681.9	11532.0	11227.7	10807.9	10322.4	9769.9	9172.7
17.5°	12252.3	12630.9	12824.8	12869.3	12824.8	12630.9	12252.3	11779.2	11215.9	10587.3	9904.6
15°	13258.1	13667.6	13896.9	13980.9	13896.9	13667.6	13258.1	12724.7	12095.9	11381.8	10613.4
12.5°	14210.7	14635.2	14909.1	14957.8	14909.1	14635.2	14210.7	13632.9	12953.9	12129.6	11278.8
10°	15074.6	15514.3	15816.9	15885.8	15816.9	15514.3	15074.6	14436.7	13660.3	12785.8	11848.5
7.5°	15796.9	16279.3	16613.5	16671.7	16613.5	16279.3	15796.9	15116.7	14257.6	13315.3	12315.1
5°	16325.3	16898.1	17172.4	17241.3	17172.4	16898.1	16325.3	15582.7	14692.3	13701.6	12655.9
2.5°	16615.2	17198.2	17579.6	17535.5	17579.6	17198.2	16615.2	15873.9	14959.0	13931.4	12858.2
0°	16647.8	17257.6	17622.2	17790.7	17622.2	17257.6	16647.8	15936.1	15024.5	14011.0	12895.7
-2.5°	16615.2	17198.2	17579.6	17535.5	17579.6	17198.2	16615.2	15873.9	14959.0	13931.4	12858.2
-5°	16325.3	16898.1	17172.4	17241.3	17172.4	16898.1	16325.3	15582.7	14692.3	13701.6	12655.9
-7.5°	15796.9	16279.3	16613.5	16671.7	16613.5	16279.3	15796.9	15116.7	14257.6	13315.3	12315.1
-10°	15074.6	15514.3	15816.9	15885.8	15816.9	15514.3	15074.6	14436.7	13660.3	12785.8	11848.5
-12.5°	14210.7	14635.2	14909.1	14957.8	14909.1	14635.2	14210.7	13632.9	12953.9	12129.6	11278.8
-15°	13258.1	13667.6	13896.9	13980.9	13896.9	13667.6	13258.1	12724.7	12095.9	11381.8	10613.4
-17.5°	12252.3	12630.9	12824.8	12869.3	12824.8	12630.9	12252.3	11779.2	11215.9	10587.3	9904.6
-20°	11227.7	11532.0	11681.9	11759.1	11681.9	11532.0	11227.7	10807.9	10322.4	9769.9	9172.7



REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	10225.7	10480.4	10588.3	10647.5	10588.3	10480.4	10225.7	9856.2	9436.7	8958.2	8422.1
-25°	9249.3	9453.8	9547.0	9630.3	9547.0	9453.8	9249.3	8934.5	8561.9	8141.6	7662.3
-27.5°	8308.1	8473.2	8554.5	8608.1	8554.5	8473.2	8308.1	8038.8	7705.0	7338.8	6920.3
-30°	7403.6	7536.0	7601.0	7632.3	7601.0	7536.0	7403.6	7172.9	6880.9	6556.9	6192.2
-32.5°	6534.4	6649.8	6711.8	6776.0	6711.8	6649.8	6534.4	6341.2	6087.7	5796.7	5474.0
-35°	5702.1	5806.8	5863.9	5895.9	5863.9	5806.8	5702.1	5536.0	5315.6	5056.4	4762.1
-37.5°	4891.5	4991.5	5052.3	5093.7	5052.3	4991.5	4891.5	4743.6	4550.8	4321.1	4050.5
-40°	4096.8	4192.1	4254.5	4297.7	4254.5	4192.1	4096.8	3961.0	3788.9	3579.1	3350.2
-42.5°	3333.9	3413.2	3461.8	3480.4	3461.8	3413.2	3333.9	3222.8	3080.6	2904.5	2719.9
-45°	2676.5	2727.6	2762.3	2782.6	2762.3	2727.6	2676.5	2603.6	2504.8	2382.2	2243.0
-47.5°	2185.1	2218.6	2243.5	2260.8	2243.5	2218.6	2185.1	2135.7	2067.4	1982.2	1884.0
-50°	1808.0	1833.2	1849.3	1855.9	1849.3	1833.2	1808.0	1771.1	1722.0	1661.2	1591.0
-52.5°	1506.5	1524.1	1537.3	1545.3	1537.3	1524.1	1506.5	1480.8	1446.8	1403.1	1350.3
-55°	1274.9	1289.4	1295.9	1295.1	1295.9	1289.4	1274.9	1254.2	1227.2	1193.1	1154.4
-57.5°	1077.7	1088.6	1094.4	1095.2	1094.4	1088.6	1077.7	1062.5	1043.4	1020.1	992.3
-60°	917.3	924.0	928.2	929.2	928.2	924.0	917.3	907.1	893.5	875.3	853.4
-62.5°	776.6	783.0	786.2	785.9	786.2	783.0	776.6	767.1	754.8	740.2	724.9
-65°	628.8	629.9	632.5	633.7	632.5	629.9	628.8	625.3	619.7	613.2	604.5
-67.5°	518.2	517.8	519.1	519.3	519.1	517.8	518.2	517.0	514.0	508.8	500.8
-70°	421.4	420.4	416.8	411.2	416.8	420.4	421.4	421.9	422.4	421.3	415.9
-72.5°	312.6	298.2	283.7	267.8	283.7	298.2	312.6	326.4	340.1	349.5	346.5
-75°	226.3	202.7	194.8	187.4	194.8	202.7	226.3	249.1	271.0	287.6	285.6
-77.5°	165.9	143.5	137.0	130.8	137.0	143.5	165.9	187.5	207.9	224.5	223.7
-80°	113.1	96.7	93.6	90.5	93.6	96.7	113.1	128.9	144.1	157.5	159.2
-82.5°	71.0	59.0	57.1	55.3	57.1	59.0	71.0	82.6	93.6	103.4	102.6
-85°	32.9	27.6	27.0	26.4	27.0	27.6	32.9	38.1	43.0	47.4	46.4
-87.5°	5.6	5.0	4.4	3.8	4.4	5.0	5.6	6.2	6.7	7.2	7.5
-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: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.0	8.7	8.3	8.0
85°	45.2	43.9	42.6	42.6	42.3	41.8	40.9	36.6	32.6	28.8	25.5
82.5°	101.3	99.6	97.2	93.9	90.5	87.0	83.1	74.3	65.8	57.7	51.0
80°	160.1	160.1	158.6	152.4	145.8	139.1	130.9	116.9	103.4	90.8	82.0
77.5°	222.6	221.1	218.0	209.7	201.3	192.8	182.0	163.9	145.9	128.5	117.2
75°	283.0	279.9	274.4	264.2	253.2	241.2	228.4	212.8	194.8	174.5	159.7
72.5°	342.7	338.0	330.9	320.1	307.8	294.9	281.3	266.0	248.4	228.5	213.5
70°	409.3	401.8	392.1	379.9	367.1	353.5	339.5	323.8	305.5	285.6	269.8
67.5°	490.9	478.9	465.3	450.7	436.8	420.6	404.1	386.2	367.7	346.8	326.9
65°	592.3	576.2	558.1	542.4	523.6	501.5	476.6	454.8	433.4	409.8	383.7
62.5°	709.1	693.4	668.3	642.5	617.4	592.1	562.0	531.6	502.3	472.7	442.2
60°	828.5	800.3	773.1	743.5	711.5	677.2	644.2	609.5	573.2	537.6	501.2
57.5°	960.2	925.5	889.8	851.6	811.0	772.0	731.8	688.7	647.5	604.5	560.9
55°	1111.4	1069.5	1023.9	974.0	922.5	876.1	826.9	777.5	727.5	673.3	625.2
52.5°	1290.7	1238.4	1180.0	1115.3	1054.8	993.4	929.4	873.3	812.2	752.0	692.1
50°	1519.2	1445.1	1364.7	1283.1	1208.1	1127.1	1051.9	978.0	904.1	834.4	764.7
47.5°	1792.9	1694.8	1584.9	1483.6	1384.2	1283.9	1191.3	1093.7	1008.8	921.0	843.6
45°	2125.7	1995.0	1853.8	1725.1	1585.5	1464.3	1346.2	1234.0	1122.5	1023.3	924.5
42.5°	2551.0	2360.6	2181.4	2010.7	1834.7	1675.3	1518.1	1385.1	1254.3	1131.6	1020.1
40°	3098.1	2820.8	2590.6	2345.6	2132.6	1919.1	1731.2	1546.8	1398.2	1252.8	1116.8
37.5°	3744.0	3419.3	3090.7	2755.5	2478.1	2209.9	1967.9	1750.9	1548.7	1383.4	1226.4
35°	4427.1	4060.4	3666.7	3273.9	2869.0	2544.2	2236.7	1969.3	1733.4	1520.1	1339.3
32.5°	5108.6	4706.0	4272.6	3824.5	3369.6	2914.9	2545.9	2214.7	1919.5	1676.7	1462.6
30°	5789.8	5348.0	4873.3	4383.9	3884.8	3374.4	2870.9	2484.0	2137.5	1832.9	1586.7
27.5°	6473.2	5994.4	5474.9	4936.5	4398.5	3842.0	3284.0	2762.0	2357.2	2013.0	1722.9
25°	7157.4	6621.9	6064.2	5478.1	4891.5	4299.9	3683.6	3101.5	2603.6	2193.1	1848.4
22.5°	7843.6	7242.5	6620.7	5991.1	5360.4	4728.2	4083.0	3434.2	2837.0	2376.3	1995.3
20°	8521.7	7846.5	7165.9	6483.4	5803.5	5127.5	4453.0	3760.3	3111.4	2566.0	2132.4
17.5°	9174.8	8424.8	7685.8	6946.0	6218.7	5502.0	4784.7	4061.3	3356.4	2734.9	2253.4
15°	9796.9	8978.4	8175.9	7381.5	6596.7	5826.9	5078.4	4325.6	3579.2	2911.0	2386.2
12.5°	10383.7	9490.6	8616.3	7754.1	6920.2	6113.4	5335.3	4557.6	3789.1	3082.6	2504.5
10°	10885.0	9926.7	8985.8	8076.5	7200.3	6357.1	5547.2	4753.9	3969.1	3225.3	2601.3
7.5°	11292.6	10277.5	9285.3	8331.3	7420.0	6551.0	5710.9	4904.5	4111.5	3336.9	2676.0
5°	11590.5	10535.4	9507.1	8520.1	7572.1	6692.2	5826.3	5007.5	4214.8	3416.3	2728.3
2.5°	11775.2	10691.5	9639.1	8634.8	7660.7	6777.0	5893.3	5069.8	4273.7	3459.9	2761.0
0°	11809.4	10764.5	9680.6	8647.0	7711.5	6802.5	5911.0	5092.4	4288.9	3469.1	2771.3
-2.5°	11775.2	10691.5	9639.1	8634.8	7660.7	6777.0	5893.3	5069.8	4273.7	3459.9	2761.0
-5°	11590.5	10535.4	9507.1	8520.1	7572.1	6692.2	5826.3	5007.5	4214.8	3416.3	2728.3
-7.5°	11292.6	10277.5	9285.3	8331.3	7420.0	6551.0	5710.9	4904.5	4111.5	3336.9	2676.0
-10°	10885.0	9926.7	8985.8	8076.5	7200.3	6357.1	5547.2	4753.9	3969.1	3225.3	2601.3
-12.5°	10383.7	9490.6	8616.3	7754.1	6920.2	6113.4	5335.3	4557.6	3789.1	3082.6	2504.5
-15°	9796.9	8978.4	8175.9	7381.5	6596.7	5826.9	5078.4	4325.6	3579.2	2911.0	2386.2
-17.5°	9174.8	8424.8	7685.8	6946.0	6218.7	5502.0	4784.7	4061.3	3356.4	2734.9	2253.4
-20°	8521.7	7846.5	7165.9	6483.4	5803.5	5127.5	4453.0	3760.3	3111.4	2566.0	2132.4



REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7843.6	7242.5	6620.7	5991.1	5360.4	4728.2	4083.0	3434.2	2837.0	2376.3	1995.3
-25°	7157.4	6621.9	6064.2	5478.1	4891.5	4299.9	3683.6	3101.5	2603.6	2193.1	1848.4
-27.5°	6473.2	5994.4	5474.9	4936.5	4398.5	3842.0	3284.0	2762.0	2357.2	2013.0	1722.9
-30°	5789.8	5348.0	4873.3	4383.9	3884.8	3374.4	2870.9	2484.0	2137.5	1832.9	1586.7
-32.5°	5108.6	4706.0	4272.6	3824.5	3369.6	2914.9	2545.9	2214.7	1919.5	1676.7	1462.6
-35°	4427.1	4060.4	3666.7	3273.9	2869.0	2544.2	2236.7	1969.3	1733.4	1520.1	1339.3
-37.5°	3744.0	3419.3	3090.7	2755.5	2478.1	2209.9	1967.9	1750.9	1548.7	1383.4	1226.4
-40°	3098.1	2820.8	2590.6	2345.6	2132.6	1919.1	1731.2	1546.8	1398.2	1252.8	1116.8
-42.5°	2551.0	2360.6	2181.4	2010.7	1834.7	1675.3	1518.1	1385.1	1254.3	1131.6	1020.1
-45°	2125.7	1995.0	1853.8	1725.1	1585.5	1464.3	1346.2	1234.0	1122.5	1023.3	924.5
-47.5°	1792.9	1694.8	1584.9	1483.6	1384.2	1283.9	1191.3	1093.7	1008.8	921.0	843.6
-50°	1519.2	1445.1	1364.7	1283.1	1208.1	1127.1	1051.9	978.0	904.1	834.4	764.7
-52.5°	1290.7	1238.4	1180.0	1115.3	1054.8	993.4	929.4	873.3	812.2	752.0	692.1
-55°	1111.4	1069.5	1023.9	974.0	922.5	876.1	826.9	777.5	727.5	673.3	625.2
-57.5°	960.2	925.5	889.8	851.6	811.0	772.0	731.8	688.7	647.5	604.5	560.9
-60°	828.5	800.3	773.1	743.5	711.5	677.2	644.2	609.5	573.2	537.6	501.2
-62.5°	709.1	693.4	668.3	642.5	617.4	592.1	562.0	531.6	502.3	472.7	442.2
-65°	592.3	576.2	558.1	542.4	523.6	501.5	476.6	454.8	433.4	409.8	383.7
-67.5°	490.9	478.9	465.3	450.7	436.8	420.6	404.1	386.2	367.7	346.8	326.9
-70°	409.3	401.8	392.1	379.9	367.1	353.5	339.5	323.8	305.5	285.6	269.8
-72.5°	342.7	338.0	330.9	320.1	307.8	294.9	281.3	266.0	248.4	228.5	213.5
-75°	283.0	279.9	274.4	264.2	253.2	241.2	228.4	212.8	194.8	174.5	159.7
-77.5°	222.6	221.1	218.0	209.7	201.3	192.8	182.0	163.9	145.9	128.5	117.2
-80°	160.1	160.1	158.6	152.4	145.8	139.1	130.9	116.9	103.4	90.8	82.0
-82.5°	101.3	99.6	97.2	93.9	90.5	87.0	83.1	74.3	65.8	57.7	51.0
-85°	45.2	43.9	42.6	42.6	42.3	41.8	40.9	36.6	32.6	28.8	25.5
-87.5°	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.0	8.7	8.3	8.0
-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: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	8.9	9.7	10.4	10.8	11.2	11.3	11.3	11.2	10.7	10.1	9.4
85°	26.7	27.2	27.1	26.3	24.6	22.7	22.7	22.3	21.4	20.2	18.7
82.5°	53.0	54.6	55.5	55.2	51.8	48.1	44.3	40.2	35.9	31.0	28.1
80°	85.1	87.0	87.6	86.2	80.1	73.5	67.9	62.0	56.3	49.8	42.6
77.5°	119.7	121.1	121.5	119.3	111.5	103.2	94.2	84.8	76.8	68.7	59.7
75°	157.0	157.5	157.1	153.1	143.6	132.8	122.0	110.2	98.5	87.5	76.8
72.5°	205.4	198.8	193.8	187.3	176.9	164.7	150.9	135.3	120.4	106.5	93.5
70°	256.0	242.1	231.2	221.2	209.6	196.8	181.4	161.9	142.0	125.1	109.3
67.5°	308.8	291.5	274.1	255.9	241.7	227.2	211.6	188.1	164.3	143.3	124.8
65°	360.2	338.9	319.2	295.6	274.9	257.2	239.6	213.0	185.8	161.3	139.9
62.5°	412.1	383.4	358.7	333.1	308.2	286.3	266.4	236.1	206.3	178.5	154.2
60°	465.3	431.7	398.1	368.6	340.4	313.9	289.1	258.5	226.3	195.0	167.8
57.5°	520.5	480.2	441.7	404.9	372.1	341.5	310.9	279.2	245.5	211.6	180.0
55°	576.2	530.7	485.5	443.3	404.4	369.6	333.5	298.9	264.0	227.9	189.8
52.5°	636.0	582.6	531.7	482.4	437.8	396.9	357.7	318.3	281.6	243.5	200.4
50°	699.3	637.6	579.4	524.3	471.0	425.5	381.2	339.5	298.7	258.6	210.4
47.5°	765.8	696.0	629.7	566.6	508.7	453.1	405.9	360.3	315.4	273.5	219.4
45°	839.1	756.0	681.4	612.1	544.9	484.5	430.2	380.4	333.5	284.2	227.6
42.5°	912.6	820.7	735.0	656.2	584.3	516.2	453.6	401.3	350.9	294.0	235.6
40°	997.5	886.9	789.0	703.5	623.2	546.5	480.4	421.5	367.0	303.7	243.3
37.5°	1080.3	958.1	847.8	748.6	661.5	580.6	506.4	440.6	379.8	314.3	250.4
35°	1177.8	1031.7	903.8	796.5	701.0	613.1	530.8	460.2	393.8	324.4	256.6
32.5°	1272.5	1106.6	967.0	845.4	738.3	643.9	556.8	480.2	408.1	334.1	262.1
30°	1376.5	1188.0	1026.5	891.2	775.3	675.5	582.8	499.1	422.5	343.2	267.5
27.5°	1476.6	1263.1	1084.3	939.7	814.4	705.1	607.0	516.7	437.0	352.7	274.1
25°	1575.7	1344.3	1148.1	986.0	850.4	732.1	629.1	533.3	451.1	363.4	280.0
22.5°	1683.2	1422.8	1205.6	1027.5	882.8	756.7	650.3	551.3	464.1	373.6	285.2
20°	1782.0	1493.6	1256.9	1067.3	915.1	783.2	670.1	567.5	475.8	383.1	289.7
17.5°	1875.3	1565.7	1314.2	1110.3	945.6	806.6	687.5	581.7	486.1	392.0	293.2
15°	1973.1	1637.2	1365.8	1147.5	972.0	826.8	702.5	593.8	495.0	399.9	296.6
12.5°	2056.7	1697.8	1409.1	1178.9	994.2	843.6	715.0	604.0	502.4	406.6	299.6
10°	2125.5	1746.9	1444.0	1204.2	1012.1	857.2	724.9	612.2	508.6	411.8	301.3
7.5°	2179.1	1784.5	1470.4	1223.3	1025.7	867.8	733.2	618.6	513.3	415.5	301.7
5°	2216.6	1810.6	1489.8	1236.8	1036.2	875.4	739.1	622.9	516.6	417.5	300.8
2.5°	2236.3	1825.4	1501.7	1243.9	1042.1	879.5	742.4	625.0	518.2	417.8	298.7
0°	2239.4	1828.2	1505.1	1244.8	1043.6	880.2	743.1	624.9	518.0	416.2	295.5
-2.5°	2236.3	1825.4	1501.7	1243.9	1042.1	879.5	742.4	625.0	518.2	417.8	298.7
-5°	2216.6	1810.6	1489.8	1236.8	1036.2	875.4	739.1	622.9	516.6	417.5	300.8
-7.5°	2179.1	1784.5	1470.4	1223.3	1025.7	867.8	733.2	618.6	513.3	415.5	301.7
-10°	2125.5	1746.9	1444.0	1204.2	1012.1	857.2	724.9	612.2	508.6	411.8	301.3
-12.5°	2056.7	1697.8	1409.1	1178.9	994.2	843.6	715.0	604.0	502.4	406.6	299.6
-15°	1973.1	1637.2	1365.8	1147.5	972.0	826.8	702.5	593.8	495.0	399.9	296.6
-17.5°	1875.3	1565.7	1314.2	1110.3	945.6	806.6	687.5	581.7	486.1	392.0	293.2
-20°	1782.0	1493.6	1256.9	1067.3	915.1	783.2	670.1	567.5	475.8	383.1	289.7

Classified

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Scaled Data Report



REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	1683.2	1422.8	1205.6	1027.5	882.8	756.7	650.3	551.3	464.1	373.6	285.2
-25°	1575.7	1344.3	1148.1	986.0	850.4	732.1	629.1	533.3	451.1	363.4	280.0
-27.5°	1476.6	1263.1	1084.3	939.7	814.4	705.1	607.0	516.7	437.0	352.7	274.1
-30°	1376.5	1188.0	1026.5	891.2	775.3	675.5	582.8	499.1	422.5	343.2	267.5
-32.5°	1272.5	1106.6	967.0	845.4	738.3	643.9	556.8	480.2	408.1	334.1	262.1
-35°	1177.8	1031.7	903.8	796.5	701.0	613.1	530.8	460.2	393.8	324.4	256.6
-37.5°	1080.3	958.1	847.8	748.6	661.5	580.6	506.4	440.6	379.8	314.3	250.4
-40°	997.5	886.9	789.0	703.5	623.2	546.5	480.4	421.5	367.0	303.7	243.3
-42.5°	912.6	820.7	735.0	656.2	584.3	516.2	453.6	401.3	350.9	294.0	235.6
-45°	839.1	756.0	681.4	612.1	544.9	484.5	430.2	380.4	333.5	284.2	227.6
-47.5°	765.8	696.0	629.7	566.6	508.7	453.1	405.9	360.3	315.4	273.5	219.4
-50°	699.3	637.6	579.4	524.3	471.0	425.5	381.2	339.5	298.7	258.6	210.4
-52.5°	636.0	582.6	531.7	482.4	437.8	396.9	357.7	318.3	281.6	243.5	200.4
-55°	576.2	530.7	485.5	443.3	404.4	369.6	333.5	298.9	264.0	227.9	189.8
-57.5°	520.5	480.2	441.7	404.9	372.1	341.5	310.9	279.2	245.5	211.6	180.0
-60°	465.3	431.7	398.1	368.6	340.4	313.9	289.1	258.5	226.3	195.0	167.8
-62.5°	412.1	383.4	358.7	333.1	308.2	286.3	266.4	236.1	206.3	178.5	154.2
-65°	360.2	338.9	319.2	295.6	274.9	257.2	239.6	213.0	185.8	161.3	139.9
-67.5°	308.8	291.5	274.1	255.9	241.7	227.2	211.6	188.1	164.3	143.3	124.8
-70°	256.0	242.1	231.2	221.2	209.6	196.8	181.4	161.9	142.0	125.1	109.3
-72.5°	205.4	198.8	193.8	187.3	176.9	164.7	150.9	135.3	120.4	106.5	93.5
-75°	157.0	157.5	157.1	153.1	143.6	132.8	122.0	110.2	98.5	87.5	76.8
-77.5°	119.7	121.1	121.5	119.3	111.5	103.2	94.2	84.8	76.8	68.7	59.7
-80°	85.1	87.0	87.6	86.2	80.1	73.5	67.9	62.0	56.3	49.8	42.6
-82.5°	53.0	54.6	55.5	55.2	51.8	48.1	44.3	40.2	35.9	31.0	28.1
-85°	26.7	27.2	27.1	26.3	24.6	22.7	22.7	22.3	21.4	20.2	18.7
-87.5°	8.9	9.7	10.4	10.8	11.2	11.3	11.3	11.2	10.7	10.1	9.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-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°	8.5	6.6	4.9	3.4	2.1	0.9	0.0
85°	16.9	13.2	9.8	6.8	4.2	1.8	0.0
82.5°	25.2	19.7	14.7	10.2	6.2	2.7	0.0
80°	34.3	26.1	19.5	13.5	8.3	3.6	0.0
77.5°	48.9	34.0	24.2	16.8	10.3	4.5	0.0
75°	63.2	44.4	29.3	20.0	12.2	5.3	0.0
72.5°	77.0	54.6	36.3	23.2	14.2	6.2	0.0
70°	90.0	64.3	43.1	26.5	16.1	7.0	0.0
67.5°	101.4	73.6	49.5	30.6	17.9	7.8	0.0
65°	112.2	82.1	55.7	34.6	19.7	8.6	0.0
62.5°	122.4	89.9	61.4	38.3	21.4	9.4	0.0
60°	131.9	97.3	66.9	41.8	23.0	10.2	0.0
57.5°	140.5	104.1	71.9	45.1	25.0	10.9	0.0
55°	148.5	110.4	76.6	48.2	27.0	11.6	0.0
52.5°	155.8	116.1	80.9	50.9	28.8	12.2	0.0
50°	162.4	121.4	84.8	53.4	30.6	12.9	0.0
47.5°	168.5	126.2	88.3	55.7	32.3	13.5	0.0
45°	175.4	130.4	91.3	58.0	33.9	14.0	0.0
42.5°	181.6	134.1	94.0	60.0	35.4	14.5	0.0
40°	187.0	137.2	96.4	62.2	36.8	15.0	0.0
37.5°	191.6	139.8	98.5	64.4	38.1	15.5	0.0
35°	195.4	142.6	100.3	66.5	39.3	15.9	0.0
32.5°	198.9	145.3	101.6	68.4	40.4	16.3	0.0
30°	202.8	147.4	102.5	70.1	41.5	16.6	0.0
27.5°	206.0	148.9	104.7	71.6	42.4	16.9	0.0
25°	208.5	149.8	106.8	72.9	43.2	17.2	0.0
22.5°	210.3	151.0	108.7	74.0	43.9	17.4	0.0
20°	211.3	153.7	110.3	74.9	44.5	17.6	0.0
17.5°	213.6	156.0	111.6	75.6	45.0	17.7	0.0
15°	216.5	157.7	112.7	76.1	45.3	17.8	0.0
12.5°	218.6	159.0	113.5	76.5	45.6	17.8	0.0
10°	219.8	159.8	114.0	76.6	45.8	17.9	0.0
7.5°	220.4	160.1	114.2	76.6	45.8	17.9	0.0
5°	220.1	160.0	114.2	76.4	45.7	17.8	0.0
2.5°	219.2	159.4	113.8	76.0	45.6	17.7	0.0
0°	217.5	158.4	113.2	75.4	45.3	17.6	0.0
-2.5°	219.2	159.4	113.8	76.0	45.6	17.7	0.0
-5°	220.1	160.0	114.2	76.4	45.7	17.8	0.0
-7.5°	220.4	160.1	114.2	76.6	45.8	17.9	0.0
-10°	219.8	159.8	114.0	76.6	45.8	17.9	0.0
-12.5°	218.6	159.0	113.5	76.5	45.6	17.8	0.0
-15°	216.5	157.7	112.7	76.1	45.3	17.8	0.0
-17.5°	213.6	156.0	111.6	75.6	45.0	17.7	0.0
-20°	211.3	153.7	110.3	74.9	44.5	17.6	0.0

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REPORT NUMBER: P627553 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	210.3	151.0	108.7	74.0	43.9	17.4	0.0
-25°	208.5	149.8	106.8	72.9	43.2	17.2	0.0
-27.5°	206.0	148.9	104.7	71.6	42.4	16.9	0.0
-30°	202.8	147.4	102.5	70.1	41.5	16.6	0.0
-32.5°	198.9	145.3	101.6	68.4	40.4	16.3	0.0
-35°	195.4	142.6	100.3	66.5	39.3	15.9	0.0
-37.5°	191.6	139.8	98.5	64.4	38.1	15.5	0.0
-40°	187.0	137.2	96.4	62.2	36.8	15.0	0.0
-42.5°	181.6	134.1	94.0	60.0	35.4	14.5	0.0
-45°	175.4	130.4	91.3	58.0	33.9	14.0	0.0
-47.5°	168.5	126.2	88.3	55.7	32.3	13.5	0.0
-50°	162.4	121.4	84.8	53.4	30.6	12.9	0.0
-52.5°	155.8	116.1	80.9	50.9	28.8	12.2	0.0
-55°	148.5	110.4	76.6	48.2	27.0	11.6	0.0
-57.5°	140.5	104.1	71.9	45.1	25.0	10.9	0.0
-60°	131.9	97.3	66.9	41.8	23.0	10.2	0.0
-62.5°	122.4	89.9	61.4	38.3	21.4	9.4	0.0
-65°	112.2	82.1	55.7	34.6	19.7	8.6	0.0
-67.5°	101.4	73.6	49.5	30.6	17.9	7.8	0.0
-70°	90.0	64.3	43.1	26.5	16.1	7.0	0.0
-72.5°	77.0	54.6	36.3	23.2	14.2	6.2	0.0
-75°	63.2	44.4	29.3	20.0	12.2	5.3	0.0
-77.5°	48.9	34.0	24.2	16.8	10.3	4.5	0.0
-80°	34.3	26.1	19.5	13.5	8.3	3.6	0.0
-82.5°	25.2	19.7	14.7	10.2	6.2	2.7	0.0
-85°	16.9	13.2	9.8	6.8	4.2	1.8	0.0
-87.5°	8.5	6.6	4.9	3.4	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)