

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: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627632 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-730-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22575.8 lumens
Efficiency: N/A
Efficacy: 109.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 25589.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 10869.2 lumens
Beam Efficiency: 48.1%

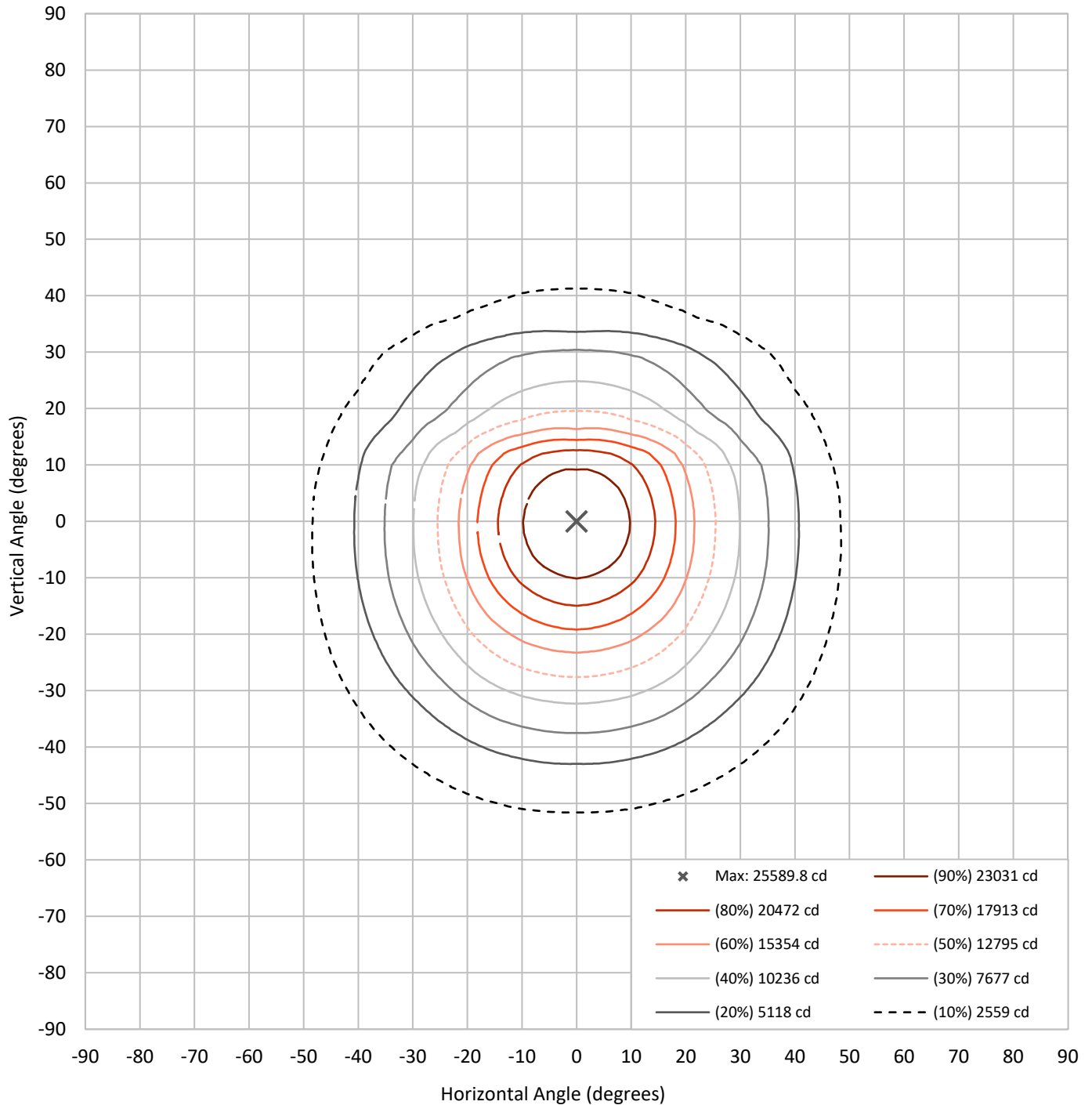
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 20213 lumens
Field Efficiency: 89.5%

Input Watts (W): 206.1
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



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-730-U-WR-VSR-XX

Iso-Candela Plot





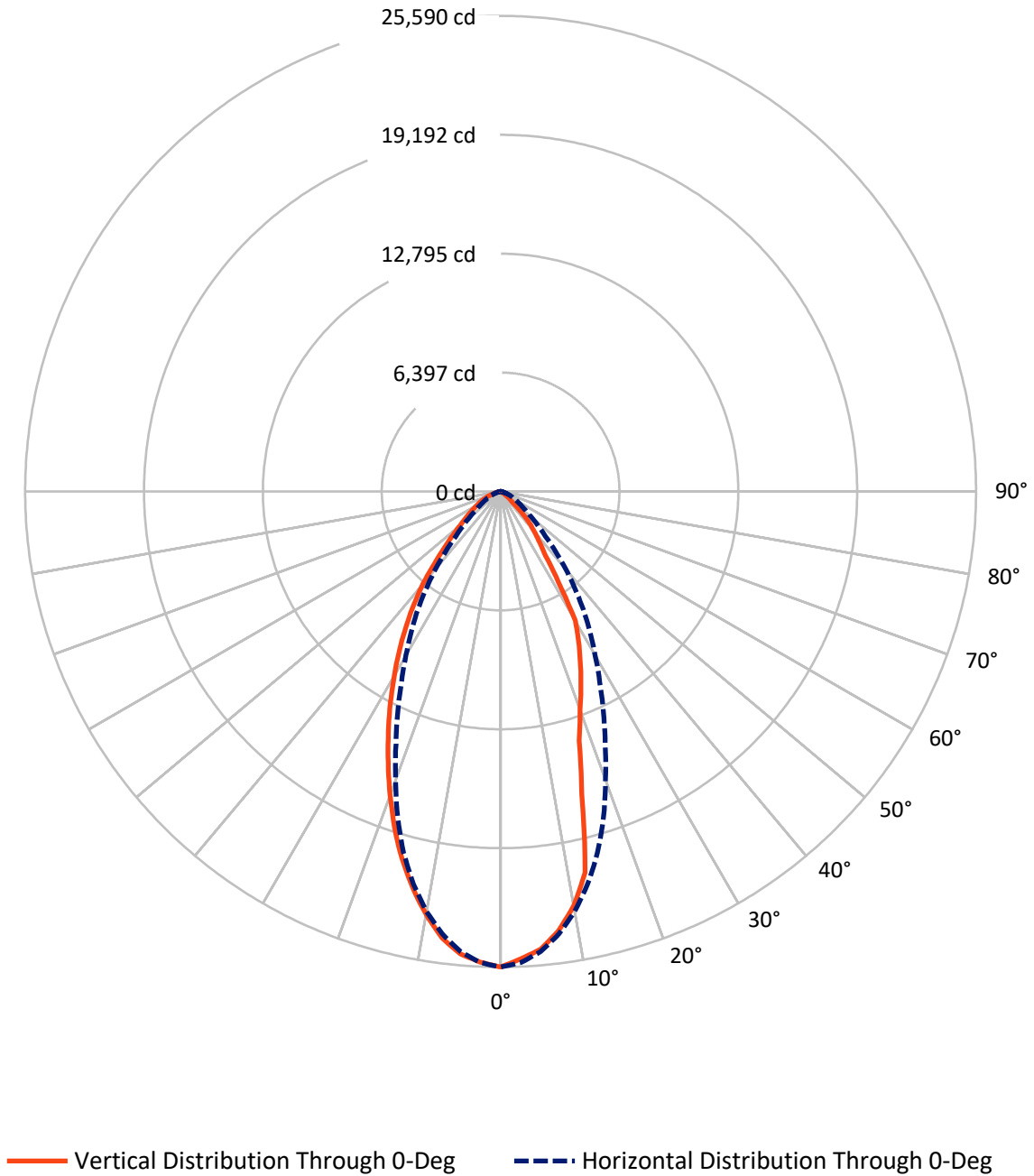
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Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.5	1.2	2.1	3.6	5.2	7.1	8.0	8.0	7.1	5.2	3.6	2.1	1.2	0.5				
40	1.0	1.7	4.4	9.2	16.8	27.6	39.8	48.8	48.8	39.8	27.6	16.8	9.2	4.4	1.7	1.0			
30		3.4	8.8	20.4	42.2	77.4	118.4	142.4	142.4	118.4	77.4	42.2	20.4	8.8	3.4				
20	2.5	5.4	14.3	37.1	87.7	164.7	250.6	302.0	302.0	250.6	164.7	87.7	37.1	14.3	5.4	2.5			
10		7.3	20.4	58.1	144.3	266.8	416.9	515.4	515.4	416.9	266.8	144.3	58.1	20.4	7.3				
0	3.5	8.5	25.6	75.2	189.5	353.1	566.9	718.8	718.8	566.9	353.1	189.5	75.2	25.6	8.5	3.5			
-10		8.9	26.6	77.6	192.2	358.2	572.7	723.3	723.3	572.7	358.2	192.2	77.6	26.6	8.9				
-20	3.7	8.8	25.3	69.1	170.3	314.5	484.8	598.3	598.3	484.8	314.5	170.3	69.1	25.3	8.8	3.7			
-30		8.1	21.8	54.1	127.0	237.1	353.4	423.7	423.7	353.4	237.1	127.0	54.1	21.8	8.1				
-40	3.2	7.1	17.7	39.1	80.0	147.1	221.9	264.2	264.2	221.9	147.1	80.0	39.1	17.7	7.1	3.2			
-50		5.9	13.7	27.0	48.0	77.0	110.5	131.5	131.5	110.5	77.0	48.0	27.0	13.7	5.9				
-60	2.0	4.6	10.0	18.0	29.4	42.2	54.6	61.8	61.8	54.6	42.2	29.4	18.0	10.0	4.6	2.0			
-70		3.2	6.7	11.1	17.0	23.2	28.4	31.0	31.0	28.4	23.2	17.0	11.1	6.7	3.2				
-80																			
-90	0.5	6.4		16.6		29.6		27.0		29.6		16.6		6.4		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

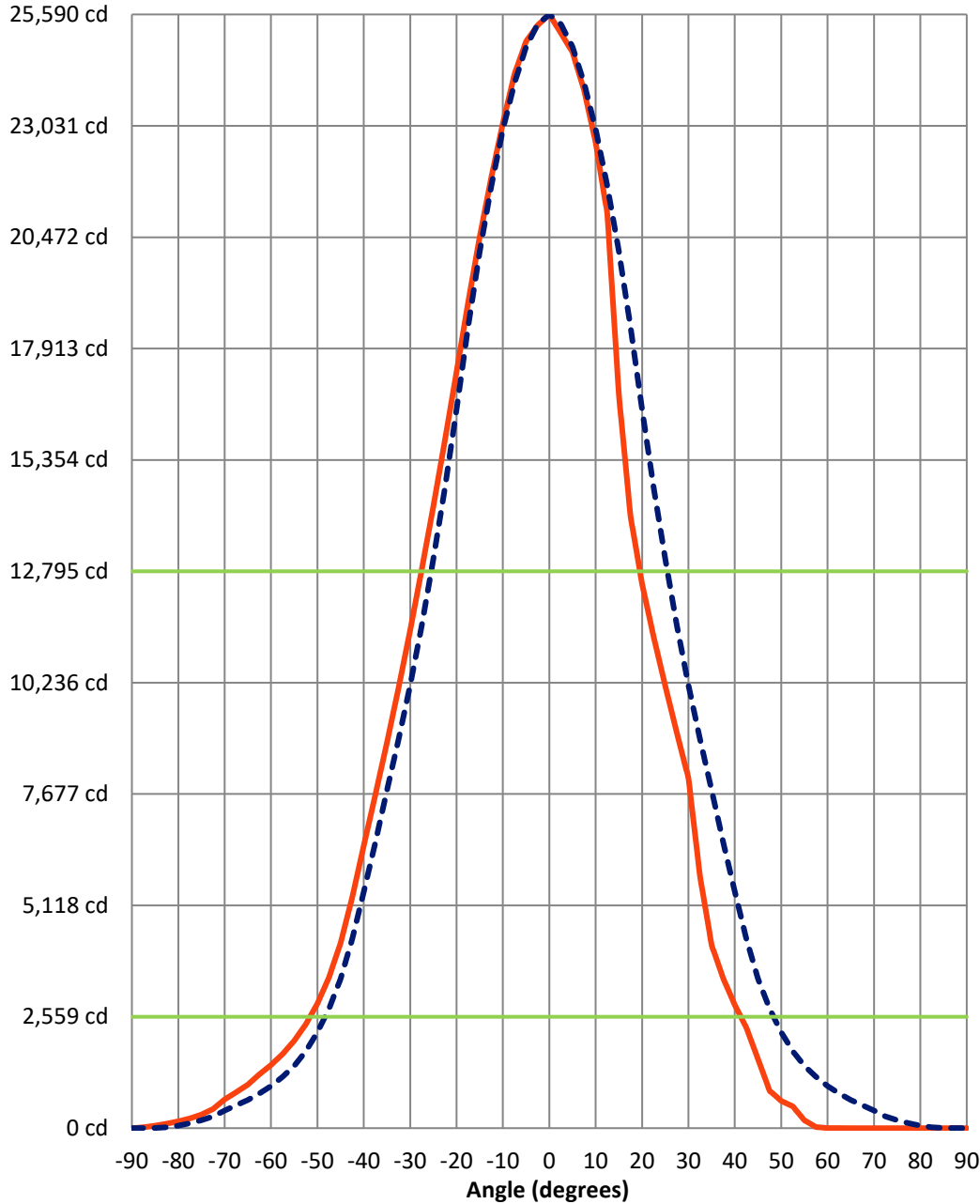
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 10869.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 20213
 Efficiency: 89.5%

Spill:
 Lumens: 2362.8
 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	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	1.8	1.8
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.4	0.8	1.2	1.6	1.8	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.6	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
67.5°	0.0	0.7	1.4	1.8	1.8	1.8	2.0	1.8	1.8	2.4	2.3
65°	0.0	0.8	1.5	1.8	1.8	2.0	2.2	1.8	2.6	3.0	3.5
62.5°	0.0	0.8	1.7	1.8	1.8	2.4	2.5	2.5	3.5	4.9	7.6
60°	0.0	0.9	1.8	1.8	1.8	2.9	2.8	3.5	4.4	12.1	13.1
57.5°	0.0	1.0	1.8	1.8	2.3	3.4	4.9	4.7	11.9	20.4	22.4
55°	0.0	1.0	1.9	1.8	2.9	4.0	7.6	7.0	21.8	30.8	34.7
52.5°	0.0	1.1	1.9	1.8	3.5	5.0	10.6	17.2	32.6	45.6	49.2
50°	0.0	1.2	1.9	1.8	4.1	8.2	14.0	28.5	45.6	62.1	75.1
47.5°	0.0	1.2	2.0	1.9	4.7	11.6	18.6	39.8	62.6	80.3	101.9
45°	0.0	1.3	2.0	2.4	5.4	15.2	28.5	51.3	79.7	104.0	128.4
42.5°	0.0	1.3	2.1	2.9	6.1	19.0	38.4	64.7	96.7	127.4	157.8
40°	0.0	1.4	2.2	3.6	8.0	23.0	48.2	79.5	114.4	150.3	188.4
37.5°	0.0	1.4	2.2	4.4	11.1	27.2	57.9	94.1	133.6	173.9	219.8
35°	0.0	1.5	2.3	5.2	14.3	33.8	67.6	108.5	152.9	201.9	253.9
32.5°	0.0	1.5	2.4	6.2	17.5	41.5	77.8	122.6	172.2	230.7	292.2
30°	0.0	1.6	2.5	7.2	20.7	48.9	89.2	136.9	191.5	260.2	330.9
27.5°	0.0	1.6	2.6	8.2	24.4	56.1	100.3	152.7	212.7	290.1	369.7
25°	0.0	1.6	2.7	9.3	28.1	63.1	111.0	168.1	237.0	322.0	408.5
22.5°	0.0	1.7	2.8	10.4	31.7	69.8	121.2	183.0	261.2	354.2	447.8
20°	0.0	1.7	2.9	11.5	35.1	76.4	130.9	197.5	284.9	385.8	485.3
17.5°	0.0	1.7	3.0	12.7	38.5	82.6	140.0	211.3	308.1	416.4	520.8
15°	0.0	1.7	3.1	13.9	41.7	88.4	148.3	223.7	330.4	445.9	554.3
12.5°	0.0	1.8	3.2	15.0	44.7	93.7	155.9	234.0	348.9	474.1	585.7
10°	0.0	1.8	3.3	16.1	47.6	98.6	162.8	243.2	363.7	490.7	610.3
7.5°	0.0	1.8	3.4	17.2	50.2	103.0	168.9	251.3	376.7	503.4	623.2
5°	0.0	1.8	3.5	18.2	52.6	107.0	174.3	258.3	387.8	513.5	633.6
2.5°	0.0	1.8	3.6	19.2	54.8	110.4	179.0	264.1	397.0	521.1	641.6
0°	0.0	1.8	3.7	20.1	56.7	113.3	182.8	268.7	404.0	526.4	647.1
-2.5°	0.0	1.9	4.3	21.4	59.3	116.9	187.8	276.4	411.9	534.0	655.7
-5°	0.0	2.0	4.8	22.5	61.6	119.9	191.9	282.9	417.7	539.5	661.7
-7.5°	0.0	2.1	5.3	23.6	63.5	122.3	195.1	288.0	421.3	542.9	665.3
-10°	0.0	2.2	5.8	24.5	65.1	124.1	197.5	291.6	422.9	544.3	666.4
-12.5°	0.0	2.3	6.3	25.3	66.3	125.4	198.9	293.7	422.4	543.4	663.3
-15°	0.0	2.4	6.8	26.0	67.1	125.9	199.3	294.1	419.3	538.7	656.9
-17.5°	0.0	2.5	7.2	26.5	67.4	125.9	198.7	293.5	413.9	532.3	648.0
-20°	0.0	2.6	7.6	26.8	67.4	125.2	198.1	292.1	407.1	524.2	636.6

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CATALOG NUMBER: GFLD-SA5C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	7.9	27.0	66.8	123.8	198.2	289.5	399.1	514.7	622.8
-25°	0.0	2.7	8.2	27.0	65.8	123.3	197.4	285.6	389.9	503.7	606.6
-27.5°	0.0	2.7	8.4	26.8	64.3	122.8	195.5	280.6	379.8	491.1	591.6
-30°	0.0	2.7	8.6	26.4	62.4	121.5	192.6	274.4	370.8	476.8	575.5
-32.5°	0.0	2.8	8.8	25.8	61.6	119.4	188.7	269.2	362.0	461.9	558.3
-35°	0.0	2.8	8.8	25.1	60.3	116.5	185.0	263.6	351.9	446.5	539.9
-37.5°	0.0	2.8	8.9	24.1	58.5	113.4	180.8	256.8	340.7	430.7	518.4
-40°	0.0	2.7	8.8	23.0	56.2	110.6	175.6	248.9	328.4	415.9	495.4
-42.5°	0.0	2.7	8.8	22.0	54.5	107.1	169.4	239.8	317.0	396.8	470.9
-45°	0.0	2.6	8.6	21.1	53.5	103.0	162.2	230.3	305.3	376.3	445.4
-47.5°	0.0	2.6	8.4	20.0	51.8	98.1	154.0	220.6	292.2	355.1	421.8
-50°	0.0	2.5	8.2	19.6	49.7	92.6	146.8	209.7	275.0	335.7	397.5
-52.5°	0.0	2.4	7.8	19.4	47.0	86.3	139.1	197.7	257.9	315.5	372.8
-55°	0.0	2.3	7.5	18.8	43.7	81.3	130.5	184.8	240.3	294.5	349.6
-57.5°	0.0	2.2	7.0	18.1	40.0	75.8	121.1	173.4	221.8	273.3	325.5
-60°	0.0	2.1	6.6	17.1	35.8	69.5	111.1	159.6	202.7	251.3	300.6
-62.5°	0.0	2.0	6.2	15.9	33.4	62.5	101.4	144.2	183.9	228.4	275.0
-65°	0.0	1.8	5.7	14.5	30.5	54.9	90.7	128.2	163.9	204.4	248.4
-67.5°	0.0	1.7	5.3	12.9	27.3	48.0	79.1	112.0	142.8	178.9	218.9
-70°	0.0	1.5	4.8	11.1	23.7	42.1	66.7	95.3	122.8	152.2	187.2
-72.5°	0.0	1.3	4.2	9.8	19.9	35.8	56.7	78.0	102.3	128.0	155.2
-75°	0.0	1.2	3.7	8.5	15.8	29.0	46.5	63.6	81.1	103.3	126.7
-77.5°	0.0	1.0	3.1	7.2	13.1	21.8	35.9	50.0	64.4	79.7	97.4
-80°	0.0	0.8	2.5	5.8	10.6	16.7	24.8	36.1	47.9	60.4	73.4
-82.5°	0.0	0.6	1.9	4.4	8.0	12.6	18.3	24.1	31.2	40.8	50.8
-85°	0.0	0.4	1.3	3.0	5.4	8.5	12.3	16.2	20.6	25.5	30.8
-87.5°	0.0	0.2	0.6	1.5	2.7	4.3	6.2	8.1	10.3	12.8	15.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.4	0.9
65°	1.8	1.8	2.5	2.7	1.9	1.8	1.8	1.8	1.9	1.6	1.7
62.5°	2.6	3.3	4.1	6.3	4.7	1.8	3.6	4.1	2.8	2.3	2.5
60°	8.0	5.5	14.0	19.5	12.7	6.7	8.3	16.6	13.7	3.8	9.7
57.5°	16.1	19.9	35.4	37.2	28.6	19.3	42.3	46.9	38.9	24.4	35.2
55°	33.6	47.3	59.8	59.1	59.4	74.7	87.8	86.2	76.0	104.8	131.9
52.5°	63.7	77.9	86.1	93.8	115.1	129.3	133.4	141.4	171.2	206.9	213.3
50°	93.5	108.0	118.9	146.7	168.6	179.8	190.2	217.5	262.6	287.0	291.0
47.5°	123.6	139.9	168.6	199.0	220.1	237.0	255.1	317.1	367.4	388.2	395.7
45°	155.0	183.2	219.0	250.2	274.7	297.7	356.5	441.1	476.5	508.4	589.6
42.5°	187.6	230.1	270.4	303.2	330.8	378.7	460.5	542.6	593.2	661.1	759.3
40°	229.2	276.8	323.6	356.9	391.4	464.0	565.3	652.1	705.7	796.8	908.7
37.5°	271.5	327.1	377.7	412.8	461.2	559.5	678.6	782.5	848.9	923.1	1102.9
35°	313.3	378.5	430.3	477.4	537.2	672.7	819.4	935.1	1017.3	1144.3	1371.8
32.5°	357.9	430.7	483.7	547.8	646.1	797.7	977.9	1106.3	1242.5	1425.3	1789.7
30°	405.3	479.6	540.5	617.6	749.5	926.3	1135.4	1296.8	1481.7	1778.7	2171.4
27.5°	452.6	528.4	603.4	701.4	846.2	1037.3	1255.7	1510.1	1749.1	2081.1	2510.5
25°	498.1	578.0	665.1	783.5	940.1	1140.1	1378.5	1672.0	1983.9	2363.7	2867.8
22.5°	541.5	628.5	730.4	857.6	1019.3	1237.7	1522.0	1866.8	2241.6	2635.0	3214.3
20°	584.0	684.8	801.7	944.1	1092.2	1327.7	1662.4	2079.9	2549.6	3088.5	3656.2
17.5°	626.1	740.5	875.4	1033.7	1213.1	1454.2	1806.3	2303.3	2875.0	3576.4	4275.4
15°	667.2	795.0	946.7	1122.2	1335.1	1623.2	2023.1	2569.4	3260.1	4100.1	4928.0
12.5°	707.1	847.9	1015.1	1208.6	1453.4	1782.3	2227.4	2816.8	3608.3	4611.8	5628.9
10°	745.4	898.7	1080.0	1292.0	1566.7	1930.3	2408.1	3030.8	3870.9	4905.1	6036.3
7.5°	764.9	933.0	1135.5	1371.4	1673.6	2066.2	2565.2	3211.8	4076.1	5141.0	6275.3
5°	778.8	948.7	1156.3	1403.1	1732.4	2158.7	2685.5	3359.6	4227.4	5318.5	6437.1
2.5°	789.5	960.0	1171.4	1421.0	1755.6	2189.5	2725.3	3411.2	4308.5	5411.2	6531.4
0°	796.9	966.9	1180.8	1431.2	1767.5	2204.4	2743.6	3432.7	4343.0	5432.4	6565.6
-2.5°	804.7	976.3	1190.6	1447.1	1784.3	2224.7	2763.8	3447.9	4368.8	5438.3	6584.2
-5°	809.2	981.4	1194.5	1454.8	1789.7	2228.5	2762.3	3433.4	4348.2	5395.6	6543.9
-7.5°	810.5	982.0	1192.3	1453.3	1782.8	2211.2	2733.1	3390.6	4277.3	5309.2	6445.1
-10°	808.5	977.7	1184.5	1440.1	1762.7	2175.3	2680.9	3316.3	4160.8	5166.6	6278.1
-12.5°	802.6	968.5	1170.4	1418.6	1730.4	2124.3	2607.4	3210.5	3999.0	4968.4	6042.7
-15°	793.1	954.9	1150.0	1388.8	1685.8	2058.6	2512.8	3073.1	3790.6	4716.3	5749.6
-17.5°	780.1	936.9	1123.4	1350.8	1628.8	1978.8	2398.6	2912.2	3566.0	4435.1	5423.7
-20°	763.4	914.4	1090.4	1304.7	1563.1	1894.8	2292.5	2769.8	3355.8	4113.1	5039.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	743.2	887.6	1055.5	1260.5	1504.9	1807.5	2173.9	2608.3	3119.9	3740.9	4619.5
-25°	722.4	861.9	1021.6	1211.3	1438.4	1708.6	2038.2	2433.9	2897.3	3465.7	4192.2
-27.5°	701.8	832.3	982.4	1154.6	1363.8	1606.6	1910.7	2271.4	2684.3	3167.7	3759.3
-30°	678.7	799.3	939.2	1095.1	1292.3	1517.7	1780.5	2089.6	2456.8	2893.5	3407.8
-32.5°	653.5	763.9	897.3	1043.7	1215.7	1420.9	1648.3	1927.8	2247.3	2607.6	3052.1
-35°	628.3	733.7	854.4	988.2	1133.5	1325.6	1534.5	1766.5	2038.2	2357.3	2712.8
-37.5°	604.2	700.7	808.4	933.2	1069.5	1229.0	1413.5	1623.0	1856.9	2110.7	2417.8
-40°	577.2	665.1	767.0	880.0	1000.5	1138.8	1305.2	1483.0	1684.3	1907.7	2144.9
-42.5°	547.9	632.4	725.3	822.8	933.4	1056.9	1194.9	1357.5	1524.7	1711.9	1918.9
-45°	519.2	596.8	681.9	770.8	863.8	972.9	1098.3	1233.6	1381.9	1534.6	1708.5
-47.5°	489.0	559.9	639.0	716.5	799.0	892.0	998.4	1121.1	1244.9	1380.8	1515.6
-50°	458.8	525.3	591.8	664.1	738.0	815.4	905.3	1011.2	1123.8	1236.6	1355.3
-52.5°	431.7	489.2	549.3	611.4	678.6	747.6	822.5	909.8	1008.2	1107.6	1209.9
-55°	404.0	457.1	506.7	562.3	620.5	682.5	749.3	822.8	897.1	987.6	1075.6
-57.5°	377.0	424.0	467.2	514.6	566.3	619.1	679.2	741.6	809.1	877.5	949.6
-60°	349.9	389.8	429.0	470.0	513.4	560.3	608.7	663.6	721.4	780.8	843.3
-62.5°	321.8	354.2	388.8	426.3	464.5	500.6	541.2	586.0	633.8	684.8	737.7
-65°	290.4	317.3	346.2	378.8	414.7	443.8	474.9	508.6	548.1	590.1	631.6
-67.5°	256.9	280.8	304.3	328.5	357.6	383.7	409.3	436.1	465.6	499.9	533.2
-70°	219.6	243.4	264.1	284.2	302.7	321.3	343.0	364.2	387.9	418.7	449.0
-72.5°	181.7	204.0	223.6	240.7	253.7	264.8	278.2	293.5	316.3	344.9	371.6
-75°	147.0	164.9	183.3	199.7	208.1	211.4	214.2	222.3	245.4	274.7	300.6
-77.5°	114.5	130.1	145.1	159.4	165.3	167.6	168.7	168.7	185.7	210.7	237.0
-80°	84.3	95.2	107.8	120.1	123.7	124.8	124.9	124.2	138.0	156.0	175.3
-82.5°	58.6	66.4	74.5	82.8	83.9	83.3	82.1	80.9	92.2	105.1	118.5
-85°	34.2	37.4	42.4	47.4	48.0	47.8	46.9	45.4	51.7	58.8	66.2
-87.5°	17.1	18.7	20.4	22.0	21.4	20.6	19.5	18.1	19.9	21.7	23.6
-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: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-WR-VSR-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°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	1.5	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.8	1.5	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.8	1.6	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.9	1.8	1.3	0.9	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.4	2.3	1.6	1.5	1.7	1.8	1.5	1.3	1.2	1.3	1.5
60°	10.3	5.9	6.0	7.6	6.5	3.0	5.9	7.5	7.0	5.3	4.7
57.5°	52.5	43.9	30.7	51.4	53.0	36.9	40.1	52.3	50.7	39.2	39.0
55°	132.2	134.1	143.9	157.0	166.6	171.1	175.0	194.7	215.7	236.2	246.5
52.5°	218.4	243.9	275.6	296.7	311.4	341.4	383.6	402.9	421.8	443.1	458.6
50°	321.6	365.9	397.8	402.5	452.6	485.1	492.8	529.1	568.6	593.2	610.9
47.5°	478.4	534.5	562.3	580.1	641.1	707.9	708.0	728.8	827.8	879.6	904.6
45°	689.0	735.9	785.1	912.8	1030.2	1067.4	1147.1	1255.1	1325.3	1421.9	1528.2
42.5°	868.5	956.4	1079.5	1220.1	1337.8	1435.8	1554.2	1684.1	1840.0	1986.7	2113.2
40°	1046.0	1154.8	1307.3	1460.2	1608.4	1744.2	1935.2	2102.1	2286.1	2487.9	2656.0
37.5°	1277.7	1416.9	1574.5	1767.4	1998.1	2148.7	2411.4	2651.3	2858.6	3102.2	3252.3
35°	1633.4	1815.0	1954.5	2344.4	2625.0	2801.3	3112.2	3506.5	3657.9	3964.7	4110.3
32.5°	2080.8	2322.0	2689.3	3205.6	3580.3	3904.8	4369.5	4769.6	5110.6	5418.7	5739.3
30°	2583.5	2955.8	3497.0	4183.0	4563.6	5018.1	5646.6	6121.0	6655.8	7242.8	7448.5
27.5°	3039.6	3597.2	4225.6	4781.3	5328.0	5894.0	6511.6	7121.0	7699.9	8188.4	8516.2
25°	3462.4	4137.6	4748.4	5342.2	5934.5	6572.1	7270.5	7961.7	8598.7	9101.3	9483.5
22.5°	3898.4	4611.8	5265.1	5867.7	6556.7	7279.2	8022.0	8814.7	9539.6	10061.1	10477.4
20°	4308.4	5101.8	5847.1	6533.1	7184.4	8018.4	8873.8	9714.7	10504.1	11125.3	11605.3
17.5°	4959.1	5647.9	6558.7	7450.0	8183.7	8949.9	10092.8	10960.7	11836.8	12580.7	13089.6
15°	5758.3	6515.7	7456.2	8680.2	9685.6	10563.4	11744.2	13156.1	14189.4	15139.0	15790.5
12.5°	6558.2	7414.8	8432.1	9809.5	11240.9	12274.9	13707.4	15496.5	16700.1	18170.3	18895.2
10°	7171.2	8247.0	9294.6	10551.6	11926.2	13398.6	14942.8	16616.7	18224.8	19487.3	20616.0
7.5°	7418.0	8563.9	9776.7	11059.2	12433.7	13953.3	15599.1	17340.9	18995.9	20406.1	21646.4
5°	7602.5	8776.6	9997.4	11308.7	12778.2	14365.0	16035.4	17864.0	19554.2	21065.6	22334.5
2.5°	7719.7	8904.9	10120.4	11453.6	12999.1	14633.0	16357.1	18234.2	19949.7	21505.7	22770.5
0°	7764.7	8932.7	10177.4	11550.2	13080.1	14717.8	16516.4	18415.5	20144.7	21649.0	22950.4
-2.5°	7770.8	8906.8	10181.2	11547.1	13011.0	14664.2	16484.5	18367.7	20061.8	21560.0	22873.1
-5°	7709.8	8845.3	10120.9	11466.2	12932.1	14572.7	16314.9	18134.8	19750.4	21208.6	22472.8
-7.5°	7586.2	8718.5	9965.9	11280.4	12706.7	14298.1	15971.4	17663.4	19248.3	20646.8	21853.3
-10°	7402.7	8511.3	9715.4	10996.2	12345.8	13859.5	15455.1	17071.6	18557.9	19851.2	20966.9
-12.5°	7154.2	8237.2	9387.1	10609.8	11866.1	13309.3	14815.8	16333.9	17688.6	18869.3	19870.3
-15°	6831.5	7889.3	9002.7	10159.0	11377.3	12682.4	14034.5	15426.9	16676.3	17723.4	18637.8
-17.5°	6451.4	7477.3	8534.7	9606.6	10762.6	11987.0	13242.1	14492.0	15557.7	16487.8	17324.0
-20°	6027.6	7016.1	8020.5	9019.7	10068.5	11201.0	12360.1	13458.1	14389.3	15234.5	15999.6



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-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°	5552.5	6498.6	7461.3	8396.5	9342.2	10367.6	11402.8	12395.7	13266.8	13989.8	14654.7
-25°	5043.9	5918.0	6827.1	7704.0	8574.4	9493.3	10433.6	11347.1	12113.7	12741.5	13290.9
-27.5°	4531.4	5330.1	6131.1	6956.6	7761.2	8609.1	9460.4	10249.4	10937.7	11515.7	11977.4
-30°	3992.6	4706.8	5438.2	6185.1	6953.4	7729.3	8498.5	9189.4	9790.2	10298.6	10697.6
-32.5°	3544.9	4087.4	4733.2	5411.3	6131.5	6838.4	7507.5	8137.2	8703.4	9147.2	9485.6
-35°	3115.8	3575.2	4058.9	4659.0	5277.8	5928.3	6543.8	7105.8	7610.5	7998.4	8316.7
-37.5°	2747.0	3110.3	3519.3	3947.7	4466.5	5004.3	5559.8	6088.4	6538.4	6876.7	7161.0
-40°	2427.7	2714.5	3041.3	3381.0	3762.6	4149.0	4632.7	5078.8	5446.1	5762.3	6020.0
-42.5°	2139.0	2381.1	2622.4	2901.0	3189.0	3499.6	3839.0	4169.0	4450.9	4715.5	4934.3
-45°	1889.8	2083.2	2275.6	2490.7	2702.1	2954.8	3197.2	3413.6	3642.0	3840.1	3996.1
-47.5°	1671.9	1822.7	1987.6	2148.7	2318.4	2508.6	2689.1	2853.7	3021.0	3166.0	3282.2
-50°	1478.2	1603.2	1737.9	1864.4	2001.7	2140.9	2274.3	2405.3	2532.4	2642.6	2728.4
-52.5°	1308.8	1418.0	1522.8	1623.6	1732.9	1835.8	1932.4	2040.5	2139.9	2226.8	2285.6
-55°	1164.4	1253.6	1339.6	1423.7	1506.3	1584.4	1661.4	1745.3	1822.0	1891.1	1934.8
-57.5°	1028.9	1104.8	1177.6	1246.3	1311.8	1373.9	1438.8	1503.3	1562.4	1614.5	1648.3
-60°	905.6	967.6	1030.6	1086.7	1139.5	1189.1	1243.7	1295.3	1343.1	1383.2	1406.6
-62.5°	792.7	848.3	894.7	939.1	984.1	1028.8	1067.5	1105.6	1142.5	1173.5	1193.9
-65°	674.5	721.7	761.2	796.9	829.1	863.7	896.8	926.7	953.3	973.5	986.4
-67.5°	568.9	603.6	635.3	663.6	692.3	720.1	745.5	768.2	788.2	802.3	811.6
-70°	477.1	503.6	529.5	555.3	580.9	602.5	621.0	637.9	653.3	659.7	662.5
-72.5°	396.5	420.0	442.8	465.5	486.8	503.7	517.3	529.7	540.9	531.2	514.3
-75°	323.3	344.0	365.3	385.3	404.2	417.1	427.2	436.4	444.9	424.0	395.2
-77.5°	263.5	281.7	297.5	313.1	328.5	336.8	343.2	349.4	355.5	332.1	302.6
-80°	195.5	210.1	223.5	236.7	249.6	254.5	257.3	259.2	260.3	240.3	217.3
-82.5°	132.0	139.6	147.0	154.7	162.5	166.6	169.7	172.1	173.9	159.7	143.7
-85°	74.0	76.3	78.1	79.6	80.9	83.5	85.9	88.2	90.3	83.5	76.1
-87.5°	25.5	25.5	25.3	25.1	24.8	24.9	24.9	24.8	24.7	23.7	22.5
-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: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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	0.2	0.4
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.3
60°	3.6	2.2	1.8	1.8	1.8	2.2	3.6	4.7	5.3	7.0	7.5
57.5°	36.4	31.7	28.5	25.6	28.5	31.7	36.4	39.0	39.2	50.7	52.3
55°	242.1	225.4	205.0	181.0	205.0	225.4	242.1	246.5	236.2	215.7	194.7
52.5°	474.9	490.6	499.8	499.0	499.8	490.6	474.9	458.6	443.1	421.8	402.9
50°	625.1	633.7	634.1	627.0	634.1	633.7	625.1	610.9	593.2	568.6	529.1
47.5°	915.8	903.8	883.1	860.9	883.1	903.8	915.8	904.6	879.6	827.8	728.8
45°	1598.1	1636.6	1634.0	1584.7	1634.0	1636.6	1598.1	1528.2	1421.9	1325.3	1255.1
42.5°	2183.9	2241.6	2282.4	2303.1	2282.4	2241.6	2183.9	2113.2	1986.7	1840.0	1684.1
40°	2750.7	2806.4	2830.9	2829.5	2830.9	2806.4	2750.7	2656.0	2487.9	2286.1	2102.1
37.5°	3349.6	3421.7	3456.6	3440.0	3456.6	3421.7	3349.6	3252.3	3102.2	2858.6	2651.3
35°	4173.3	4240.7	4242.0	4207.7	4242.0	4240.7	4173.3	4110.3	3964.7	3657.9	3506.5
32.5°	5993.8	6016.3	5843.0	5781.5	5843.0	6016.3	5993.8	5739.3	5418.7	5110.6	4769.6
30°	7653.1	7813.1	7961.9	8037.0	7961.9	7813.1	7653.1	7448.5	7242.8	6655.8	6121.0
27.5°	8763.3	8955.7	9074.9	9082.6	9074.9	8955.7	8763.3	8516.2	8188.4	7699.9	7121.0
25°	9773.0	9988.3	10118.3	10162.8	10118.3	9988.3	9773.0	9483.5	9101.3	8598.7	7961.7
22.5°	10830.8	11084.5	11252.6	11286.9	11252.6	11084.5	10830.8	10477.4	10061.1	9539.6	8814.7
20°	12058.2	12353.4	12514.5	12507.9	12514.5	12353.4	12058.2	11605.3	11125.3	10504.1	9714.7
17.5°	13674.0	13990.6	14129.7	14068.9	14129.7	13990.6	13674.0	13089.6	12580.7	11836.8	10960.7
15°	16459.2	17121.6	17118.9	16854.6	17118.9	17121.6	16459.2	15790.5	15139.0	14189.4	13156.1
12.5°	19894.8	20388.5	20894.9	21003.8	20894.9	20388.5	19894.8	18895.2	18170.3	16700.1	15496.5
10°	21566.5	22222.1	22654.8	22643.4	22654.8	22222.1	21566.5	20616.0	19487.3	18224.8	16616.7
7.5°	22612.4	23336.7	23861.0	23849.7	23861.0	23336.7	22612.4	21646.4	20406.1	18995.9	17340.9
5°	23419.5	24222.9	24687.2	24721.6	24687.2	24222.9	23419.5	22334.5	21065.6	19554.2	17864.0
2.5°	23838.9	24677.3	25235.7	25162.1	25235.7	24677.3	23838.9	22770.5	21505.7	19949.7	18234.2
0°	24014.2	24844.1	25365.0	25589.8	25365.0	24844.1	24014.2	22950.4	21649.0	20144.7	18415.5
-2.5°	23937.6	24745.1	25320.8	25343.1	25320.8	24745.1	23937.6	22873.1	21560.0	20061.8	18367.7
-5°	23527.5	24379.6	24765.3	24970.2	24765.3	24379.6	23527.5	22472.8	21208.6	19750.4	18134.8
-7.5°	22866.1	23504.6	23994.6	24220.8	23994.6	23504.6	22866.1	21853.3	20646.8	19248.3	17663.4
-10°	21836.6	22497.7	22911.7	23098.5	22911.7	22497.7	21836.6	20966.9	19851.2	18557.9	17071.6
-12.5°	20696.3	21297.1	21690.7	21848.2	21690.7	21297.1	20696.3	19870.3	18869.3	17688.6	16333.9
-15°	19424.0	19969.4	20331.7	20482.8	20331.7	19969.4	19424.0	18637.8	17723.4	16676.3	15426.9
-17.5°	18023.3	18501.3	18862.3	18971.2	18862.3	18501.3	18023.3	17324.0	16487.8	15557.7	14492.0
-20°	16583.1	17015.3	17312.6	17377.3	17312.6	17015.3	16583.1	15999.6	15234.5	14389.3	13458.1



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-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°	15132.0	15488.0	15729.5	15810.9	15729.5	15488.0	15132.0	14654.7	13989.8	13266.8	12395.7
-25°	13713.9	14021.1	14215.5	14288.3	14215.5	14021.1	13713.9	13290.9	12741.5	12113.7	11347.1
-27.5°	12349.9	12636.3	12814.9	12838.8	12814.9	12636.3	12349.9	11977.4	11515.7	10937.7	10249.4
-30°	11007.9	11244.5	11382.1	11440.5	11382.1	11244.5	11007.9	10697.6	10298.6	9790.2	9189.4
-32.5°	9753.7	9960.4	10084.1	10117.1	10084.1	9960.4	9753.7	9485.6	9147.2	8703.4	8137.2
-35°	8569.8	8760.6	8870.2	8861.4	8870.2	8760.6	8569.8	8316.7	7998.4	7610.5	7105.8
-37.5°	7396.1	7572.2	7671.6	7662.3	7671.6	7572.2	7396.1	7161.0	6876.7	6538.4	6088.4
-40°	6231.8	6383.7	6471.3	6492.5	6471.3	6383.7	6231.8	6020.0	5762.3	5446.1	5078.8
-42.5°	5116.2	5256.4	5326.5	5298.9	5326.5	5256.4	5116.2	4934.3	4715.5	4450.9	4169.0
-45°	4105.2	4177.8	4225.5	4255.2	4225.5	4177.8	4105.2	3996.1	3840.1	3642.0	3413.6
-47.5°	3367.3	3427.4	3459.9	3465.6	3459.9	3427.4	3367.3	3282.2	3166.0	3021.0	2853.7
-50°	2795.1	2846.3	2868.9	2862.4	2868.9	2846.3	2795.1	2728.4	2642.6	2532.4	2405.3
-52.5°	2327.8	2357.4	2377.5	2387.2	2377.5	2357.4	2327.8	2285.6	2226.8	2139.9	2040.5
-55°	1967.7	1990.7	2004.2	2008.8	2004.2	1990.7	1967.7	1934.8	1891.1	1822.0	1745.3
-57.5°	1676.5	1698.4	1706.4	1703.6	1706.4	1698.4	1676.5	1648.3	1614.5	1562.4	1503.3
-60°	1424.6	1437.1	1446.5	1451.3	1446.5	1437.1	1424.6	1406.6	1383.2	1343.1	1295.3
-62.5°	1210.1	1221.9	1231.8	1237.5	1231.8	1221.9	1210.1	1193.9	1173.5	1142.5	1105.6
-65°	995.4	1000.6	1002.0	999.8	1002.0	1000.6	995.4	986.4	973.5	953.3	926.7
-67.5°	818.4	822.8	825.7	826.2	825.7	822.8	818.4	811.6	802.3	788.2	768.2
-70°	665.3	667.1	665.0	659.9	665.0	667.1	665.3	662.5	659.7	653.3	637.9
-72.5°	497.0	478.8	460.6	440.5	460.6	478.8	497.0	514.3	531.2	540.9	529.7
-75°	365.4	334.6	323.4	312.6	323.4	334.6	365.4	395.2	424.0	444.9	436.4
-77.5°	271.7	239.6	231.1	223.0	231.1	239.6	271.7	302.6	332.1	355.5	349.4
-80°	193.1	168.1	162.6	157.2	162.6	168.1	193.1	217.3	240.3	260.3	259.2
-82.5°	126.9	109.4	105.9	102.4	105.9	109.4	126.9	143.7	159.7	173.9	172.1
-85°	68.3	60.1	58.4	56.7	58.4	60.1	68.3	76.1	83.5	90.3	88.2
-87.5°	21.3	20.0	20.1	20.1	20.1	20.0	21.3	22.5	23.7	24.7	24.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.4	0.8	1.1	1.5	1.4	1.4	1.3	1.3
85°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
82.5°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
80°	0.0	0.0	0.1	0.5	1.0	1.4	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.0	0.1	0.6	1.0	1.5	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.0	0.1	0.6	1.1	1.5	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.0	0.1	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.5	1.8	1.8	1.8
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.4	1.8	1.8
65°	0.4	0.3	0.4	0.9	1.3	1.8	1.9	1.7	1.6	1.9	1.8
62.5°	1.5	1.8	1.7	1.5	1.6	2.3	2.4	2.5	2.3	2.8	4.1
60°	5.9	3.0	6.5	7.6	6.0	5.9	10.3	9.7	3.8	13.7	16.6
57.5°	40.1	36.9	53.0	51.4	30.7	43.9	52.5	35.2	24.4	38.9	46.9
55°	175.0	171.1	166.6	157.0	143.9	134.1	132.2	131.9	104.8	76.0	86.2
52.5°	383.6	341.4	311.4	296.7	275.6	243.9	218.4	213.3	206.9	171.2	141.4
50°	492.8	485.1	452.6	402.5	397.8	365.9	321.6	291.0	287.0	262.6	217.5
47.5°	708.0	707.9	641.1	580.1	562.3	534.5	478.4	395.7	388.2	367.4	317.1
45°	1147.1	1067.4	1030.2	912.8	785.1	735.9	689.0	589.6	508.4	476.5	441.1
42.5°	1554.2	1435.8	1337.8	1220.1	1079.5	956.4	868.5	759.3	661.1	593.2	542.6
40°	1935.2	1744.2	1608.4	1460.2	1307.3	1154.8	1046.0	908.7	796.8	705.7	652.1
37.5°	2411.4	2148.7	1998.1	1767.4	1574.5	1416.9	1277.7	1102.9	923.1	848.9	782.5
35°	3112.2	2801.3	2625.0	2344.4	1954.5	1815.0	1633.4	1371.8	1144.3	1017.3	935.1
32.5°	4369.5	3904.8	3580.3	3205.6	2689.3	2322.0	2080.8	1789.7	1425.3	1242.5	1106.3
30°	5646.6	5018.1	4563.6	4183.0	3497.0	2955.8	2583.5	2171.4	1778.7	1481.7	1296.8
27.5°	6511.6	5894.0	5328.0	4781.3	4225.6	3597.2	3039.6	2510.5	2081.1	1749.1	1510.1
25°	7270.5	6572.1	5934.5	5342.2	4748.4	4137.6	3462.4	2867.8	2363.7	1983.9	1672.0
22.5°	8022.0	7279.2	6556.7	5867.7	5265.1	4611.8	3898.4	3214.3	2635.0	2241.6	1866.8
20°	8873.8	8018.4	7184.4	6533.1	5847.1	5101.8	4308.4	3656.2	3088.5	2549.6	2079.9
17.5°	10092.8	8949.9	8183.7	7450.0	6558.7	5647.9	4959.1	4275.4	3576.4	2875.0	2303.3
15°	11744.2	10563.4	9685.6	8680.2	7456.2	6515.7	5758.3	4928.0	4100.1	3260.1	2569.4
12.5°	13707.4	12274.9	11240.9	9809.5	8432.1	7414.8	6558.2	5628.9	4611.8	3608.3	2816.8
10°	14942.8	13398.6	11926.2	10551.6	9294.6	8247.0	7171.2	6036.3	4905.1	3870.9	3030.8
7.5°	15599.1	13953.3	12433.7	11059.2	9776.7	8563.9	7418.0	6275.3	5141.0	4076.1	3211.8
5°	16035.4	14365.0	12778.2	11308.7	9997.4	8776.6	7602.5	6437.1	5318.5	4227.4	3359.6
2.5°	16357.1	14633.0	12999.1	11453.6	10120.4	8904.9	7719.7	6531.4	5411.2	4308.5	3411.2
0°	16516.4	14717.8	13080.1	11550.2	10177.4	8932.7	7764.7	6565.6	5432.4	4343.0	3432.7
-2.5°	16484.5	14664.2	13011.0	11547.1	10181.2	8906.8	7770.8	6584.2	5438.3	4368.8	3447.9
-5°	16314.9	14572.7	12932.1	11466.2	10120.9	8845.3	7709.8	6543.9	5395.6	4348.2	3433.4
-7.5°	15971.4	14298.1	12706.7	11280.4	9965.9	8718.5	7586.2	6445.1	5309.2	4277.3	3390.6
-10°	15455.1	13859.5	12345.8	10996.2	9715.4	8511.3	7402.7	6278.1	5166.6	4160.8	3316.3
-12.5°	14815.8	13309.3	11866.1	10609.8	9387.1	8237.2	7154.2	6042.7	4968.4	3999.0	3210.5
-15°	14034.5	12682.4	11377.3	10159.0	9002.7	7889.3	6831.5	5749.6	4716.3	3790.6	3073.1
-17.5°	13242.1	11987.0	10762.6	9606.6	8534.7	7477.3	6451.4	5423.7	4435.1	3566.0	2912.2
-20°	12360.1	11201.0	10068.5	9019.7	8020.5	7016.1	6027.6	5039.3	4113.1	3355.8	2769.8



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	11402.8	10367.6	9342.2	8396.5	7461.3	6498.6	5552.5	4619.5	3740.9	3119.9	2608.3
-25°	10433.6	9493.3	8574.4	7704.0	6827.1	5918.0	5043.9	4192.2	3465.7	2897.3	2433.9
-27.5°	9460.4	8609.1	7761.2	6956.6	6131.1	5330.1	4531.4	3759.3	3167.7	2684.3	2271.4
-30°	8498.5	7729.3	6953.4	6185.1	5438.2	4706.8	3992.6	3407.8	2893.5	2456.8	2089.6
-32.5°	7507.5	6838.4	6131.5	5411.3	4733.2	4087.4	3544.9	3052.1	2607.6	2247.3	1927.8
-35°	6543.8	5928.3	5277.8	4659.0	4058.9	3575.2	3115.8	2712.8	2357.3	2038.2	1766.5
-37.5°	5559.8	5004.3	4466.5	3947.7	3519.3	3110.3	2747.0	2417.8	2110.7	1856.9	1623.0
-40°	4632.7	4149.0	3762.6	3381.0	3041.3	2714.5	2427.7	2144.9	1907.7	1684.3	1483.0
-42.5°	3839.0	3499.6	3189.0	2901.0	2622.4	2381.1	2139.0	1918.9	1711.9	1524.7	1357.5
-45°	3197.2	2954.8	2702.1	2490.7	2275.6	2083.2	1889.8	1708.5	1534.6	1381.9	1233.6
-47.5°	2689.1	2508.6	2318.4	2148.7	1987.6	1822.7	1671.9	1515.6	1380.8	1244.9	1121.1
-50°	2274.3	2140.9	2001.7	1864.4	1737.9	1603.2	1478.2	1355.3	1236.6	1123.8	1011.2
-52.5°	1932.4	1835.8	1732.9	1623.6	1522.8	1418.0	1308.8	1209.9	1107.6	1008.2	909.8
-55°	1661.4	1584.4	1506.3	1423.7	1339.6	1253.6	1164.4	1075.6	987.6	897.1	822.8
-57.5°	1438.8	1373.9	1311.8	1246.3	1177.6	1104.8	1028.9	949.6	877.5	809.1	741.6
-60°	1243.7	1189.1	1139.5	1086.7	1030.6	967.6	905.6	843.3	780.8	721.4	663.6
-62.5°	1067.5	1028.8	984.1	939.1	894.7	848.3	792.7	737.7	684.8	633.8	586.0
-65°	896.8	863.7	829.1	796.9	761.2	721.7	674.5	631.6	590.1	548.1	508.6
-67.5°	745.5	720.1	692.3	663.6	635.3	603.6	568.9	533.2	499.9	465.6	436.1
-70°	621.0	602.5	580.9	555.3	529.5	503.6	477.1	449.0	418.7	387.9	364.2
-72.5°	517.3	503.7	486.8	465.5	442.8	420.0	396.5	371.6	344.9	316.3	293.5
-75°	427.2	417.1	404.2	385.3	365.3	344.0	323.3	300.6	274.7	245.4	222.3
-77.5°	343.2	336.8	328.5	313.1	297.5	281.7	263.5	237.0	210.7	185.7	168.7
-80°	257.3	254.5	249.6	236.7	223.5	210.1	195.5	175.3	156.0	138.0	124.2
-82.5°	169.7	166.6	162.5	154.7	147.0	139.6	132.0	118.5	105.1	92.2	80.9
-85°	85.9	83.5	80.9	79.6	78.1	76.3	74.0	66.2	58.8	51.7	45.4
-87.5°	24.9	24.9	24.8	25.1	25.3	25.5	25.5	23.6	21.7	19.9	18.1
-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: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.8	1.8	1.8
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	2.3	2.4	1.8	1.8
65°	1.8	1.8	1.9	2.7	2.5	1.8	1.8	3.5	3.0	2.6	1.8
62.5°	3.6	1.8	4.7	6.3	4.1	3.3	2.6	7.6	4.9	3.5	2.5
60°	8.3	6.7	12.7	19.5	14.0	5.5	8.0	13.1	12.1	4.4	3.5
57.5°	42.3	19.3	28.6	37.2	35.4	19.9	16.1	22.4	20.4	11.9	4.7
55°	87.8	74.7	59.4	59.1	59.8	47.3	33.6	34.7	30.8	21.8	7.0
52.5°	133.4	129.3	115.1	93.8	86.1	77.9	63.7	49.2	45.6	32.6	17.2
50°	190.2	179.8	168.6	146.7	118.9	108.0	93.5	75.1	62.1	45.6	28.5
47.5°	255.1	237.0	220.1	199.0	168.6	139.9	123.6	101.9	80.3	62.6	39.8
45°	356.5	297.7	274.7	250.2	219.0	183.2	155.0	128.4	104.0	79.7	51.3
42.5°	460.5	378.7	330.8	303.2	270.4	230.1	187.6	157.8	127.4	96.7	64.7
40°	565.3	464.0	391.4	356.9	323.6	276.8	229.2	188.4	150.3	114.4	79.5
37.5°	678.6	559.5	461.2	412.8	377.7	327.1	271.5	219.8	173.9	133.6	94.1
35°	819.4	672.7	537.2	477.4	430.3	378.5	313.3	253.9	201.9	152.9	108.5
32.5°	977.9	797.7	646.1	547.8	483.7	430.7	357.9	292.2	230.7	172.2	122.6
30°	1135.4	926.3	749.5	617.6	540.5	479.6	405.3	330.9	260.2	191.5	136.9
27.5°	1255.7	1037.3	846.2	701.4	603.4	528.4	452.6	369.7	290.1	212.7	152.7
25°	1378.5	1140.1	940.1	783.5	665.1	578.0	498.1	408.5	322.0	237.0	168.1
22.5°	1522.0	1237.7	1019.3	857.6	730.4	628.5	541.5	447.8	354.2	261.2	183.0
20°	1662.4	1327.7	1092.2	944.1	801.7	684.8	584.0	485.3	385.8	284.9	197.5
17.5°	1806.3	1454.2	1213.1	1033.7	875.4	740.5	626.1	520.8	416.4	308.1	211.3
15°	2023.1	1623.2	1335.1	1122.2	946.7	795.0	667.2	554.3	445.9	330.4	223.7
12.5°	2227.4	1782.3	1453.4	1208.6	1015.1	847.9	707.1	585.7	474.1	348.9	234.0
10°	2408.1	1930.3	1566.7	1292.0	1080.0	898.7	745.4	610.3	490.7	363.7	243.2
7.5°	2565.2	2066.2	1673.6	1371.4	1135.5	933.0	764.9	623.2	503.4	376.7	251.3
5°	2685.5	2158.7	1732.4	1403.1	1156.3	948.7	778.8	633.6	513.5	387.8	258.3
2.5°	2725.3	2189.5	1755.6	1421.0	1171.4	960.0	789.5	641.6	521.1	397.0	264.1
0°	2743.6	2204.4	1767.5	1431.2	1180.8	966.9	796.9	647.1	526.4	404.0	268.7
-2.5°	2763.8	2224.7	1784.3	1447.1	1190.6	976.3	804.7	655.7	534.0	411.9	276.4
-5°	2762.3	2228.5	1789.7	1454.8	1194.5	981.4	809.2	661.7	539.5	417.7	282.9
-7.5°	2733.1	2211.2	1782.8	1453.3	1192.3	982.0	810.5	665.3	542.9	421.3	288.0
-10°	2680.9	2175.3	1762.7	1440.1	1184.5	977.7	808.5	666.4	544.3	422.9	291.6
-12.5°	2607.4	2124.3	1730.4	1418.6	1170.4	968.5	802.6	663.3	543.4	422.4	293.7
-15°	2512.8	2058.6	1685.8	1388.8	1150.0	954.9	793.1	656.9	538.7	419.3	294.1
-17.5°	2398.6	1978.8	1628.8	1350.8	1123.4	936.9	780.1	648.0	532.3	413.9	293.5
-20°	2292.5	1894.8	1563.1	1304.7	1090.4	914.4	763.4	636.6	524.2	407.1	292.1

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Scaled Data Report



REPORT NUMBER: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-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°	2173.9	1807.5	1504.9	1260.5	1055.5	887.6	743.2	622.8	514.7	399.1	289.5
-25°	2038.2	1708.6	1438.4	1211.3	1021.6	861.9	722.4	606.6	503.7	389.9	285.6
-27.5°	1910.7	1606.6	1363.8	1154.6	982.4	832.3	701.8	591.6	491.1	379.8	280.6
-30°	1780.5	1517.7	1292.3	1095.1	939.2	799.3	678.7	575.5	476.8	370.8	274.4
-32.5°	1648.3	1420.9	1215.7	1043.7	897.3	763.9	653.5	558.3	461.9	362.0	269.2
-35°	1534.5	1325.6	1133.5	988.2	854.4	733.7	628.3	539.9	446.5	351.9	263.6
-37.5°	1413.5	1229.0	1069.5	933.2	808.4	700.7	604.2	518.4	430.7	340.7	256.8
-40°	1305.2	1138.8	1000.5	880.0	767.0	665.1	577.2	495.4	415.9	328.4	248.9
-42.5°	1194.9	1056.9	933.4	822.8	725.3	632.4	547.9	470.9	396.8	317.0	239.8
-45°	1098.3	972.9	863.8	770.8	681.9	596.8	519.2	445.4	376.3	305.3	230.3
-47.5°	998.4	892.0	799.0	716.5	639.0	559.9	489.0	421.8	355.1	292.2	220.6
-50°	905.3	815.4	738.0	664.1	591.8	525.3	458.8	397.5	335.7	275.0	209.7
-52.5°	822.5	747.6	678.6	611.4	549.3	489.2	431.7	372.8	315.5	257.9	197.7
-55°	749.3	682.5	620.5	562.3	506.7	457.1	404.0	349.6	294.5	240.3	184.8
-57.5°	679.2	619.1	566.3	514.6	467.2	424.0	377.0	325.5	273.3	221.8	173.4
-60°	608.7	560.3	513.4	470.0	429.0	389.8	349.9	300.6	251.3	202.7	159.6
-62.5°	541.2	500.6	464.5	426.3	388.8	354.2	321.8	275.0	228.4	183.9	144.2
-65°	474.9	443.8	414.7	378.8	346.2	317.3	290.4	248.4	204.4	163.9	128.2
-67.5°	409.3	383.7	357.6	328.5	304.3	280.8	256.9	218.9	178.9	142.8	112.0
-70°	343.0	321.3	302.7	284.2	264.1	243.4	219.6	187.2	152.2	122.8	95.3
-72.5°	278.2	264.8	253.7	240.7	223.6	204.0	181.7	155.2	128.0	102.3	78.0
-75°	214.2	211.4	208.1	199.7	183.3	164.9	147.0	126.7	103.3	81.1	63.6
-77.5°	168.7	167.6	165.3	159.4	145.1	130.1	114.5	97.4	79.7	64.4	50.0
-80°	124.9	124.8	123.7	120.1	107.8	95.2	84.3	73.4	60.4	47.9	36.1
-82.5°	82.1	83.3	83.9	82.8	74.5	66.4	58.6	50.8	40.8	31.2	24.1
-85°	46.9	47.8	48.0	47.4	42.4	37.4	34.2	30.8	25.5	20.6	16.2
-87.5°	19.5	20.6	21.4	22.0	20.4	18.7	17.1	15.5	12.8	10.3	8.1
-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: P627632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-WR-VSR-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.4	0.0
75°	1.8	1.8	1.8	1.4	0.9	0.5	0.0
72.5°	1.8	1.8	1.8	1.6	1.1	0.5	0.0
70°	1.8	1.8	1.8	1.8	1.2	0.6	0.0
67.5°	2.0	1.8	1.8	1.8	1.4	0.7	0.0
65°	2.2	2.0	1.8	1.8	1.5	0.8	0.0
62.5°	2.5	2.4	1.8	1.8	1.7	0.8	0.0
60°	2.8	2.9	1.8	1.8	1.8	0.9	0.0
57.5°	4.9	3.4	2.3	1.8	1.8	1.0	0.0
55°	7.6	4.0	2.9	1.8	1.9	1.0	0.0
52.5°	10.6	5.0	3.5	1.8	1.9	1.1	0.0
50°	14.0	8.2	4.1	1.8	1.9	1.2	0.0
47.5°	18.6	11.6	4.7	1.9	2.0	1.2	0.0
45°	28.5	15.2	5.4	2.4	2.0	1.3	0.0
42.5°	38.4	19.0	6.1	2.9	2.1	1.3	0.0
40°	48.2	23.0	8.0	3.6	2.2	1.4	0.0
37.5°	57.9	27.2	11.1	4.4	2.2	1.4	0.0
35°	67.6	33.8	14.3	5.2	2.3	1.5	0.0
32.5°	77.8	41.5	17.5	6.2	2.4	1.5	0.0
30°	89.2	48.9	20.7	7.2	2.5	1.6	0.0
27.5°	100.3	56.1	24.4	8.2	2.6	1.6	0.0
25°	111.0	63.1	28.1	9.3	2.7	1.6	0.0
22.5°	121.2	69.8	31.7	10.4	2.8	1.7	0.0
20°	130.9	76.4	35.1	11.5	2.9	1.7	0.0
17.5°	140.0	82.6	38.5	12.7	3.0	1.7	0.0
15°	148.3	88.4	41.7	13.9	3.1	1.7	0.0
12.5°	155.9	93.7	44.7	15.0	3.2	1.8	0.0
10°	162.8	98.6	47.6	16.1	3.3	1.8	0.0
7.5°	168.9	103.0	50.2	17.2	3.4	1.8	0.0
5°	174.3	107.0	52.6	18.2	3.5	1.8	0.0
2.5°	179.0	110.4	54.8	19.2	3.6	1.8	0.0
0°	182.8	113.3	56.7	20.1	3.7	1.8	0.0
-2.5°	187.8	116.9	59.3	21.4	4.3	1.9	0.0
-5°	191.9	119.9	61.6	22.5	4.8	2.0	0.0
-7.5°	195.1	122.3	63.5	23.6	5.3	2.1	0.0
-10°	197.5	124.1	65.1	24.5	5.8	2.2	0.0
-12.5°	198.9	125.4	66.3	25.3	6.3	2.3	0.0
-15°	199.3	125.9	67.1	26.0	6.8	2.4	0.0
-17.5°	198.7	125.9	67.4	26.5	7.2	2.5	0.0
-20°	198.1	125.2	67.4	26.8	7.6	2.6	0.0

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CATALOG NUMBER: GFLD-SA5C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	198.2	123.8	66.8	27.0	7.9	2.6	0.0
-25°	197.4	123.3	65.8	27.0	8.2	2.7	0.0
-27.5°	195.5	122.8	64.3	26.8	8.4	2.7	0.0
-30°	192.6	121.5	62.4	26.4	8.6	2.7	0.0
-32.5°	188.7	119.4	61.6	25.8	8.8	2.8	0.0
-35°	185.0	116.5	60.3	25.1	8.8	2.8	0.0
-37.5°	180.8	113.4	58.5	24.1	8.9	2.8	0.0
-40°	175.6	110.6	56.2	23.0	8.8	2.7	0.0
-42.5°	169.4	107.1	54.5	22.0	8.8	2.7	0.0
-45°	162.2	103.0	53.5	21.1	8.6	2.6	0.0
-47.5°	154.0	98.1	51.8	20.0	8.4	2.6	0.0
-50°	146.8	92.6	49.7	19.6	8.2	2.5	0.0
-52.5°	139.1	86.3	47.0	19.4	7.8	2.4	0.0
-55°	130.5	81.3	43.7	18.8	7.5	2.3	0.0
-57.5°	121.1	75.8	40.0	18.1	7.0	2.2	0.0
-60°	111.1	69.5	35.8	17.1	6.6	2.1	0.0
-62.5°	101.4	62.5	33.4	15.9	6.2	2.0	0.0
-65°	90.7	54.9	30.5	14.5	5.7	1.8	0.0
-67.5°	79.1	48.0	27.3	12.9	5.3	1.7	0.0
-70°	66.7	42.1	23.7	11.1	4.8	1.5	0.0
-72.5°	56.7	35.8	19.9	9.8	4.2	1.3	0.0
-75°	46.5	29.0	15.8	8.5	3.7	1.2	0.0
-77.5°	35.9	21.8	13.1	7.2	3.1	1.0	0.0
-80°	24.8	16.7	10.6	5.8	2.5	0.8	0.0
-82.5°	18.3	12.6	8.0	4.4	1.9	0.6	0.0
-85°	12.3	8.5	5.4	3.0	1.3	0.4	0.0
-87.5°	6.2	4.3	2.7	1.5	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)