

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: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

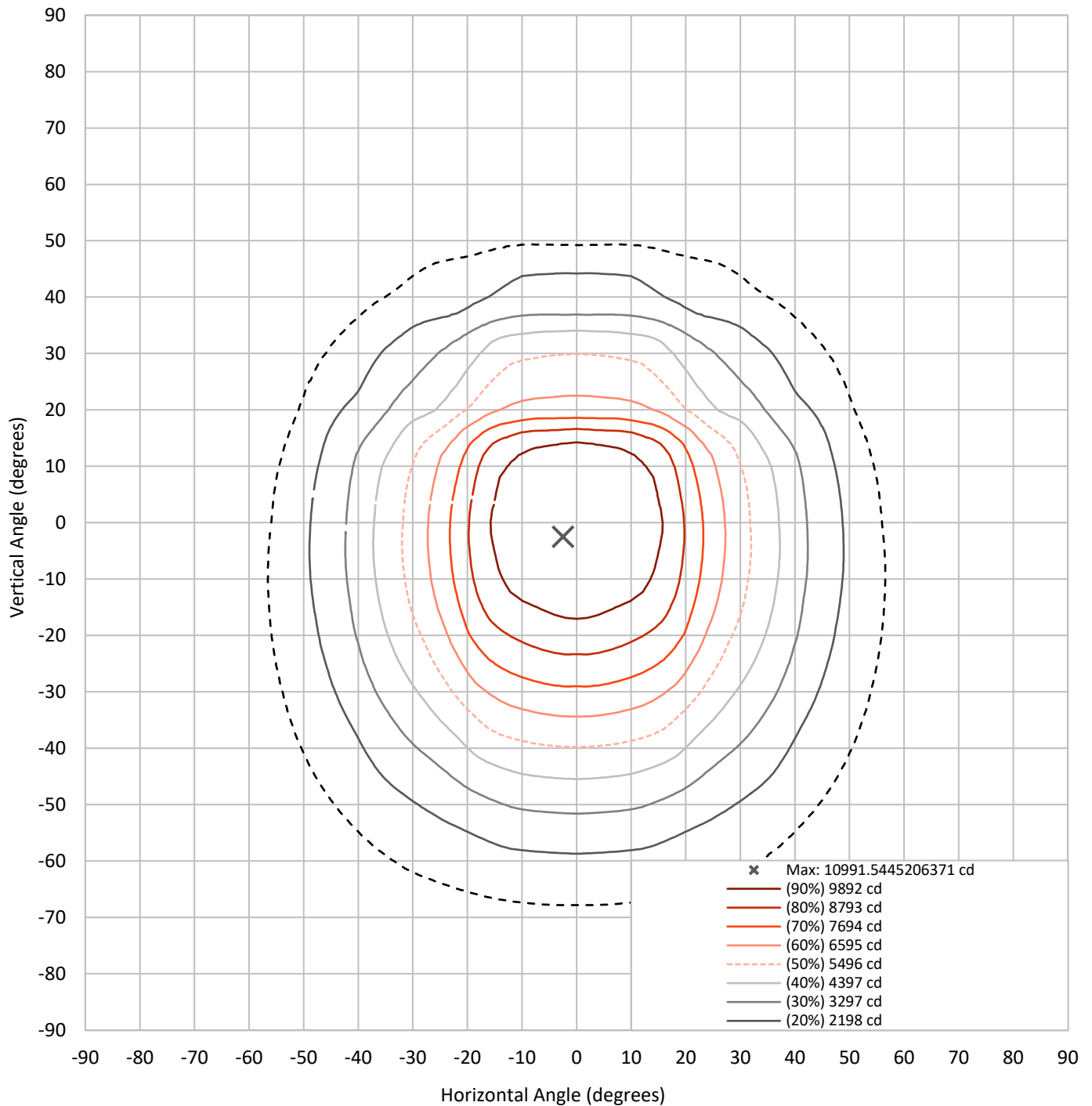
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14668.6 lumens	Max Intensity:	10991.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	120.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	8486.7 lumens	Field Lumens:	13919.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	121.7		
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		



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

Iso-Candela Plot





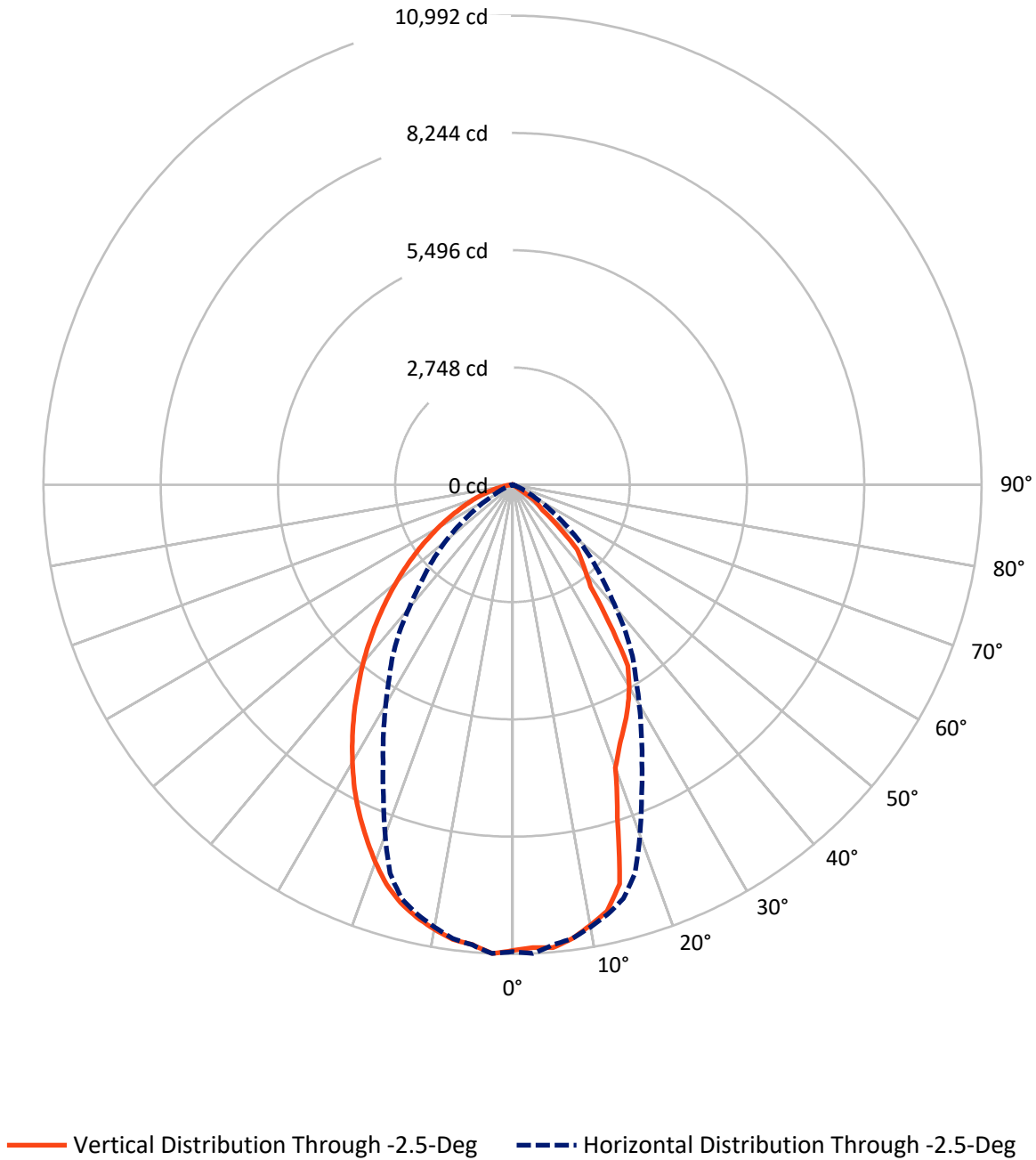
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Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
50		0.1	0.3	1.4	4.0	7.7	11.4	14.2	14.2	11.4	7.7	4.0	1.4	0.3	0.1				
40	0.2	0.3	1.6	7.5	18.2	32.8	48.4	59.2	59.2	48.4	32.8	18.2	7.5	1.6	0.3			0.2	
30		0.7	5.4	19.1	42.5	68.9	103.3	120.8	120.8	103.3	68.9	42.5	19.1	5.4	0.7				
20	0.4	1.6	10.6	33.8	68.5	108.6	162.9	187.2	187.2	162.9	108.6	68.5	33.8	10.6	1.6			0.4	
10		2.8	16.2	50.0	98.7	162.4	241.8	277.3	277.3	241.8	162.4	98.7	50.0	16.2	2.8				
0	0.7	3.8	21.0	59.3	118.0	194.1	285.5	324.0	324.0	285.5	194.1	118.0	59.3	21.0	3.8			0.7	
-10		4.5	23.2	61.6	121.2	198.5	287.6	325.2	325.2	287.6	198.5	121.2	61.6	23.2	4.5				
-20	0.9	4.7	22.7	58.3	114.3	185.9	266.9	301.6	301.6	266.9	185.9	114.3	58.3	22.7	4.7			0.9	
-30		4.3	19.8	50.9	98.7	158.0	223.8	253.4	253.4	223.8	158.0	98.7	50.9	19.8	4.3				
-40	0.9	3.6	15.8	40.0	77.7	121.9	170.9	193.5	193.5	170.9	121.9	77.7	40.0	15.8	3.6			0.9	
-50		2.9	11.7	28.5	55.6	85.7	118.3	134.2	134.2	118.3	85.7	55.6	28.5	11.7	2.9				
-60	0.7	2.2	7.6	18.3	34.6	53.2	72.3	82.4	82.4	72.3	53.2	34.6	18.3	7.6	2.2			0.7	
-70		1.5	4.6	10.7	19.0	28.2	37.4	42.3	42.3	37.4	28.2	19.0	10.7	4.6	1.5				
-80	0.3	3.4	15.8	34.5	38.5	34.5	15.8	3.4	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

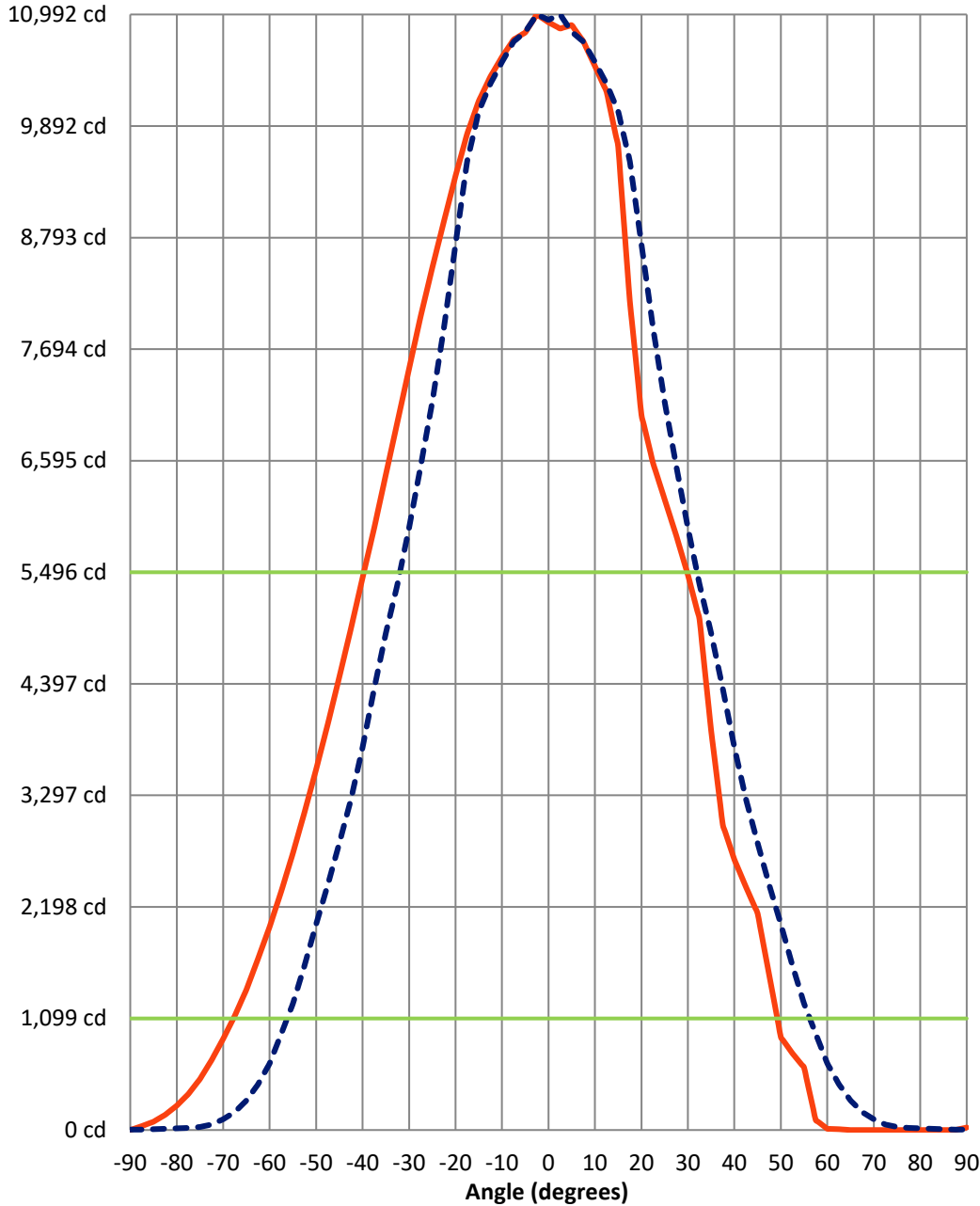
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 8486.7
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 13919.5
 Efficiency: 94.9%

Spill:
 Lumens: 749
 Efficiency: 5.1%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through -2.5-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°	4.1	4.1	4.1	5.1	6.2	7.2	8.2	9.2	10.3	11.3	12.3
87.5°	4.1	4.1	4.1	4.0	3.7	3.4	3.0	2.2	1.4	0.6	0.0
85°	4.1	4.1	4.1	3.8	3.4	2.8	2.0	1.2	0.7	0.2	0.0
82.5°	4.1	4.1	4.1	3.7	3.1	2.1	1.0	0.3	0.1	0.6	1.1
80°	4.1	4.1	4.1	3.6	2.7	1.5	0.2	0.8	1.5	2.1	2.8
77.5°	4.1	4.1	4.1	3.5	2.4	1.4	1.3	2.0	2.9	3.7	3.7
75°	4.1	4.1	4.1	3.4	2.2	2.0	2.3	3.2	4.0	3.3	2.2
72.5°	4.1	4.1	4.1	3.3	2.6	2.7	3.3	4.0	3.5	2.4	0.7
70°	4.1	4.1	4.1	3.3	2.9	3.3	4.1	3.9	3.0	1.6	1.9
67.5°	4.1	4.1	4.1	3.4	3.3	3.8	4.2	3.8	2.7	3.2	3.7
65°	4.1	4.1	4.1	3.6	3.6	4.2	4.4	3.7	4.1	4.8	5.1
62.5°	4.1	4.1	4.1	3.7	3.8	4.6	4.6	4.6	5.5	6.2	5.7
60°	4.1	4.1	4.1	3.8	4.1	4.9	4.9	5.9	6.9	7.1	6.4
57.5°	4.1	4.1	4.1	3.9	4.5	5.3	5.8	7.1	8.1	8.2	8.0
55°	4.1	4.1	4.2	4.0	4.9	5.7	6.9	8.3	9.4	9.5	10.0
52.5°	4.1	4.1	4.3	4.0	5.3	6.3	7.9	9.5	10.7	11.3	11.9
50°	4.1	4.1	4.4	4.1	5.8	7.1	8.9	10.7	12.2	13.0	13.8
47.5°	4.1	4.1	4.5	4.2	6.3	7.9	9.9	11.8	13.7	14.7	15.7
45°	4.1	4.1	4.6	4.6	6.8	8.7	10.8	12.9	15.1	16.5	17.7
42.5°	4.1	4.1	4.7	4.9	7.3	9.5	11.8	14.2	16.6	18.2	21.4
40°	4.1	4.1	4.9	5.4	7.8	10.3	12.7	15.6	18.3	19.9	25.6
37.5°	4.1	4.1	5.0	6.0	8.4	11.0	13.6	17.0	20.0	22.6	29.8
35°	4.1	4.1	5.2	6.5	9.0	11.7	14.4	18.5	21.8	27.7	37.9
32.5°	4.1	4.1	5.4	7.0	9.5	12.4	15.4	20.0	23.7	33.8	54.2
30°	4.1	4.1	5.6	7.6	10.1	13.1	16.6	21.6	25.6	40.7	69.9
27.5°	4.1	4.1	5.8	8.1	10.7	13.7	17.8	23.2	29.0	48.4	85.2
25°	4.1	4.1	6.0	8.5	11.4	14.3	19.0	24.8	35.0	59.7	100.1
22.5°	4.1	4.1	6.2	9.0	12.0	14.9	20.2	26.4	41.2	72.0	119.9
20°	4.1	4.1	6.5	9.4	12.6	15.7	21.4	28.0	47.7	83.7	139.5
17.5°	4.1	4.1	6.7	9.9	13.1	16.4	22.6	29.6	54.3	94.8	158.8
15°	4.1	4.1	6.9	10.3	13.7	17.1	23.7	31.7	61.0	105.1	177.5
12.5°	4.1	4.1	7.2	10.7	14.2	17.8	24.8	34.5	68.4	114.7	195.5
10°	4.1	4.1	7.4	11.0	14.7	18.4	25.8	37.5	76.2	125.9	213.5
7.5°	4.1	4.1	7.6	11.4	15.2	19.0	26.6	40.6	83.7	136.7	232.4
5°	4.1	4.1	7.8	11.7	15.6	19.5	27.4	43.6	90.6	146.7	249.8
2.5°	4.1	4.1	8.0	12.0	16.0	20.0	28.1	46.5	97.0	155.9	265.4
0°	4.1	4.1	8.2	12.3	16.4	20.5	28.7	49.2	102.6	164.1	279.0
-2.5°	4.1	4.1	8.2	12.3	16.4	20.5	28.7	49.2	102.6	164.1	279.0
-5°	4.1	4.1	8.2	12.3	17.0	21.3	31.7	58.8	109.9	188.4	301.2
-7.5°	4.1	4.1	8.1	12.2	17.3	21.7	33.0	62.8	112.5	197.7	309.1
-10°	4.1	4.1	8.1	12.1	17.5	22.0	34.1	66.2	114.4	204.4	314.8
-12.5°	4.1	4.1	8.0	12.0	17.6	22.3	34.9	68.6	115.7	207.9	319.3
-15°	4.1	4.1	7.9	11.9	17.7	22.5	35.4	70.1	118.1	207.6	321.0
-17.5°	4.1	4.1	7.8	11.7	17.7	22.7	35.6	71.6	121.6	205.5	318.9
-20°	4.1	4.1	7.7	11.6	17.5	22.8	36.5	73.1	123.9	201.7	313.1

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Scaled Data Report



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.1	4.1	7.6	11.4	17.3	22.9	38.8	73.7	124.9	196.3	303.1
-25°	4.1	4.1	7.4	11.1	17.0	24.4	40.8	73.5	124.6	189.3	288.9
-27.5°	4.1	4.1	7.3	10.9	16.6	26.3	42.2	72.4	122.8	183.4	278.5
-30°	4.1	4.1	7.1	10.6	16.2	28.0	43.3	70.4	120.5	180.7	266.9
-32.5°	4.1	4.1	6.9	10.4	16.8	29.3	43.8	70.5	117.6	176.2	253.7
-35°	4.1	4.1	6.7	10.1	17.2	30.4	45.0	70.9	113.5	169.9	239.1
-37.5°	4.1	4.1	6.5	9.7	17.5	31.0	46.2	70.6	108.3	161.6	232.6
-40°	4.1	4.1	6.3	9.4	17.7	31.3	46.9	69.7	101.9	153.7	225.3
-42.5°	4.1	4.1	6.0	9.2	17.8	31.3	47.2	68.1	98.2	147.4	214.1
-45°	4.1	4.1	5.8	9.3	17.9	31.1	46.9	66.6	95.6	139.5	200.1
-47.5°	4.1	4.1	5.5	9.2	17.7	30.6	46.2	65.7	92.2	130.1	189.0
-50°	4.1	4.1	5.3	9.1	17.4	29.9	45.3	64.0	89.4	126.7	175.8
-52.5°	4.1	4.1	5.0	8.9	16.9	29.0	44.0	61.7	87.1	122.3	161.7
-55°	4.1	4.1	4.7	8.7	16.2	27.8	42.4	58.9	84.3	116.7	155.0
-57.5°	4.1	4.1	4.4	8.4	15.3	26.3	40.5	56.5	80.3	110.9	147.0
-60°	4.1	4.1	4.1	8.0	14.2	24.5	38.3	53.7	75.2	103.9	137.7
-62.5°	4.1	4.1	4.1	7.5	13.4	22.4	35.2	50.0	69.0	95.7	127.0
-65°	4.1	4.1	4.1	7.1	12.5	20.1	31.7	45.3	61.4	85.0	114.8
-67.5°	4.1	4.1	4.1	6.5	11.6	18.0	27.9	39.8	52.7	72.3	98.7
-70°	4.1	4.1	4.1	5.9	10.5	16.4	23.8	33.9	45.1	58.3	79.7
-72.5°	4.1	4.1	4.1	5.8	9.4	14.6	21.0	27.7	37.2	48.3	61.0
-75°	4.1	4.1	4.1	5.7	8.2	12.7	18.3	23.4	29.0	38.1	48.5
-77.5°	4.1	4.1	4.1	5.7	7.7	10.8	15.4	19.7	24.1	28.8	35.6
-80°	4.1	4.1	4.1	5.6	7.5	9.7	12.5	15.8	19.4	23.2	27.4
-82.5°	4.1	4.1	4.1	5.5	7.2	9.1	11.3	12.9	14.6	17.5	20.6
-85°	4.1	4.1	4.1	5.4	6.8	8.5	10.3	11.7	13.0	14.4	15.7
-87.5°	4.1	4.1	4.1	5.3	6.5	7.8	9.3	10.5	11.6	12.8	14.0
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.1	2.0	1.0	0.0



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CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	13.3	14.4	15.4
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	1.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.7	2.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.3	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.7	1.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.3	2.5	1.7	0.7	0.0	0.2	0.6	0.4	0.0	0.2	0.5
67.5°	3.8	2.8	1.9	1.2	1.5	2.1	1.9	2.1	2.2	2.4	2.1
65°	4.0	3.0	3.1	3.6	4.0	4.4	4.8	5.1	4.3	3.7	3.8
62.5°	4.3	4.6	5.3	6.0	6.6	7.1	7.2	6.4	4.8	6.1	7.0
60°	6.1	6.7	7.6	8.4	9.2	9.6	9.2	9.3	10.3	12.0	23.1
57.5°	8.2	8.8	9.8	11.1	12.2	12.4	12.8	13.9	32.5	53.1	58.7
55°	10.3	10.8	12.5	14.6	15.8	15.7	22.5	47.5	71.6	99.2	109.4
52.5°	12.5	13.4	16.3	18.7	20.3	31.6	57.0	90.9	126.5	158.2	199.1
50°	14.6	17.6	20.6	24.2	38.6	68.2	105.3	151.4	205.2	255.8	307.7
47.5°	18.2	22.0	26.6	38.2	76.1	117.2	168.4	242.8	309.1	370.4	441.4
45°	22.6	30.3	35.5	75.6	119.7	172.6	259.5	350.4	410.5	492.5	618.3
42.5°	27.0	42.0	67.8	114.2	167.9	253.3	361.0	438.5	518.5	651.4	783.6
40°	38.9	56.3	102.3	157.5	225.5	350.0	460.6	548.3	657.5	804.9	943.0
37.5°	53.3	85.9	137.4	203.7	315.9	452.3	570.8	696.0	821.7	960.6	1216.7
35°	69.3	113.4	182.0	271.3	406.4	565.9	707.1	847.0	991.8	1265.3	1519.5
32.5°	90.2	138.8	228.6	350.0	504.1	679.2	843.1	1004.9	1237.1	1546.7	1801.8
30°	112.6	179.4	282.2	422.8	596.2	783.0	980.1	1176.0	1483.4	1739.5	2016.4
27.5°	136.1	222.4	345.1	498.9	682.4	881.0	1103.4	1382.8	1657.0	1910.1	2214.4
25°	160.2	267.2	402.5	571.6	767.2	986.9	1242.7	1583.1	1797.5	2077.2	2394.6
22.5°	191.2	310.0	459.5	637.6	845.8	1095.6	1421.9	1763.7	2016.1	2251.4	2561.4
20°	227.0	358.2	521.4	720.2	922.8	1201.9	1600.1	1959.6	2256.5	2525.9	2810.6
17.5°	260.5	403.3	587.6	804.6	1034.8	1338.1	1775.0	2172.8	2499.5	2799.7	3155.3
15°	291.5	445.0	652.5	884.4	1144.9	1494.1	1931.8	2368.7	2741.8	3079.5	3483.6
12.5°	319.8	483.1	715.0	959.1	1248.6	1628.6	2063.5	2489.9	2899.9	3340.1	3798.6
10°	345.3	517.3	774.1	1028.1	1344.8	1742.4	2172.3	2591.0	3004.7	3470.5	3979.9
7.5°	372.7	549.3	827.6	1090.8	1432.2	1836.4	2259.2	2672.1	3089.3	3574.8	4097.8
5°	397.9	578.8	870.2	1135.8	1499.9	1909.7	2324.6	2733.7	3153.6	3652.5	4187.1
2.5°	420.2	603.6	904.9	1171.0	1550.0	1963.7	2367.1	2785.1	3201.2	3715.6	4255.2
0°	439.0	623.7	931.4	1198.1	1587.9	2002.3	2392.1	2818.8	3229.1	3758.4	4300.0
-2.5°	451.1	656.6	949.6	1245.3	1621.0	2027.6	2414.5	2828.2	3259.1	3771.9	4350.3
-5°	459.6	683.3	960.5	1281.7	1642.7	2038.8	2421.8	2820.9	3267.1	3768.5	4357.7
-7.5°	464.5	702.1	965.6	1302.3	1650.3	2032.1	2409.3	2807.0	3254.0	3755.6	4325.1
-10°	467.4	708.0	972.6	1296.1	1640.2	2010.1	2381.6	2774.4	3216.8	3713.7	4263.2
-12.5°	475.1	704.3	971.4	1282.3	1618.7	1976.8	2340.4	2722.8	3154.8	3642.1	4177.7
-15°	477.0	695.8	959.7	1262.0	1585.7	1933.4	2286.5	2652.1	3078.3	3572.4	4083.0
-17.5°	472.7	683.0	937.0	1236.1	1541.5	1880.7	2223.1	2588.3	3006.6	3491.9	3983.7
-20°	461.8	666.5	902.7	1205.5	1489.1	1822.1	2159.6	2521.5	2924.1	3380.3	3872.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	443.8	646.5	865.5	1162.8	1443.8	1754.9	2085.1	2430.4	2820.7	3235.6	3722.9
-25°	425.2	623.9	836.3	1104.1	1389.4	1676.4	1999.5	2319.1	2699.4	3106.7	3539.2
-27.5°	407.6	592.4	805.8	1039.8	1325.2	1592.6	1902.8	2214.4	2562.8	2962.1	3360.2
-30°	384.5	558.3	768.7	978.0	1248.6	1513.6	1794.8	2101.6	2414.8	2793.8	3185.5
-32.5°	364.1	522.9	726.4	930.9	1166.2	1424.6	1678.5	1970.8	2276.6	2599.6	2986.7
-35°	350.6	501.9	681.6	876.5	1082.1	1327.9	1569.4	1823.4	2119.5	2422.6	2762.5
-37.5°	339.5	477.8	634.4	819.8	1015.5	1226.5	1452.5	1686.2	1944.6	2250.3	2569.8
-40°	322.2	450.7	599.4	765.7	938.5	1130.3	1340.1	1551.6	1775.6	2074.2	2389.5
-42.5°	300.0	424.5	566.5	706.9	864.7	1039.8	1226.3	1425.6	1640.8	1900.2	2190.0
-45°	283.0	391.0	529.9	655.6	786.3	946.4	1121.6	1302.0	1505.1	1727.8	1988.0
-47.5°	261.2	354.5	482.0	599.5	714.6	851.3	1011.5	1182.3	1362.1	1562.8	1776.1
-50°	238.0	324.0	423.4	537.8	647.5	761.2	897.8	1055.8	1219.0	1393.8	1584.2
-52.5°	220.4	288.4	379.1	474.4	579.0	682.1	798.4	933.8	1079.6	1225.7	1393.1
-55°	200.5	262.3	337.0	422.4	511.4	606.9	712.7	831.4	950.2	1084.5	1218.0
-57.5°	186.5	237.1	301.8	376.0	456.0	537.1	637.1	737.3	847.3	958.4	1069.3
-60°	175.5	215.3	269.0	334.3	405.6	481.4	563.5	656.1	750.8	841.4	937.3
-62.5°	163.0	197.6	239.6	292.8	357.3	423.2	495.5	574.8	660.5	736.9	811.1
-65°	146.8	176.8	212.9	256.2	306.8	362.6	424.1	491.0	565.1	627.0	687.7
-67.5°	128.2	153.4	183.7	219.1	261.3	304.8	350.0	406.6	466.7	517.2	566.7
-70°	104.7	128.1	152.8	181.7	214.8	251.7	291.5	332.5	373.7	414.9	460.1
-72.5°	80.1	101.5	122.4	143.0	169.4	199.6	232.0	266.4	302.4	337.7	372.0
-75°	61.1	74.9	93.3	111.8	130.1	149.8	171.7	199.1	232.5	266.7	298.2
-77.5°	46.1	57.7	69.9	82.7	94.3	108.8	124.6	141.6	169.2	200.8	232.7
-80°	33.3	40.2	49.9	60.2	68.3	76.3	84.7	93.3	113.8	139.3	166.4
-82.5°	24.7	29.4	34.8	40.8	44.9	48.9	53.3	59.0	74.2	91.4	109.6
-85°	17.0	18.4	21.3	24.6	26.9	29.2	31.6	34.0	42.2	51.4	61.3
-87.5°	14.7	15.4	16.1	17.0	17.3	17.6	17.8	18.1	20.9	23.7	26.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.4	17.4	18.5	19.5	20.5	21.5	22.6	23.6	24.6	24.6	24.6
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°	0.4	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.9	2.1	2.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	4.3	4.1	3.1	2.0	1.0	1.5	2.5	3.0	3.0	2.7	2.1
62.5°	6.5	6.0	5.4	6.2	7.5	8.6	8.3	7.8	7.3	6.9	7.2
60°	24.3	16.2	18.7	23.5	21.9	15.0	24.7	28.0	23.8	16.3	15.7
57.5°	61.5	59.3	68.0	99.3	109.3	99.7	119.0	144.5	143.7	123.8	123.1
55°	131.0	175.8	229.9	238.6	276.2	351.6	410.3	384.6	384.4	403.7	466.1
52.5°	248.9	291.1	306.9	348.8	427.5	484.5	521.2	559.1	600.7	643.2	686.2
50°	365.2	406.2	452.8	495.9	604.7	663.2	653.5	732.1	832.7	895.5	927.8
47.5°	535.7	600.4	698.8	853.1	934.3	993.0	1066.1	1155.1	1270.4	1426.7	1547.1
45°	736.5	838.2	990.5	1154.4	1280.4	1337.8	1421.4	1559.3	1743.1	1922.0	2052.6
42.5°	900.6	1040.1	1211.9	1368.5	1471.2	1565.6	1673.8	1790.1	2000.5	2191.7	2342.7
40°	1114.8	1223.4	1416.1	1563.7	1655.8	1749.3	1920.7	2094.7	2292.7	2470.7	2594.5
37.5°	1386.2	1508.4	1708.9	1875.9	1964.5	1997.5	2289.0	2531.3	2692.2	2919.5	2993.9
35°	1677.7	1879.0	2134.5	2350.9	2437.8	2611.1	2911.5	3249.6	3615.9	3750.6	3865.4
32.5°	2003.0	2251.4	2598.0	2830.2	2954.2	3217.3	3597.5	3958.3	4437.3	4697.2	4774.9
30°	2300.6	2585.6	2883.5	3109.2	3321.2	3638.1	3984.8	4429.7	4872.6	5204.9	5308.1
27.5°	2519.0	2834.3	3120.7	3332.1	3571.2	3913.0	4345.2	4795.8	5230.5	5569.6	5690.0
25°	2727.4	3083.8	3310.6	3556.4	3837.2	4209.6	4688.6	5189.3	5617.4	5904.0	6051.8
22.5°	2964.6	3316.0	3559.4	3767.6	4134.8	4563.9	5008.5	5574.2	6027.9	6256.5	6416.7
20°	3209.3	3606.9	3983.0	4176.6	4494.3	5037.6	5535.4	6069.4	6507.5	6745.8	6914.5
17.5°	3550.8	4057.4	4518.7	4792.9	5133.1	5782.8	6403.8	6944.0	7553.4	7768.7	7974.9
15°	3910.9	4497.2	5037.6	5472.0	5911.5	6555.2	7354.7	8006.5	8701.8	9012.4	9363.5
12.5°	4269.8	4824.7	5314.2	5874.7	6494.1	7063.5	7824.6	8636.4	9267.3	9663.3	9899.7
10°	4538.0	5053.4	5524.5	6086.3	6704.5	7348.6	8104.9	8937.1	9597.6	9935.5	10128.5
7.5°	4682.9	5176.2	5673.1	6242.3	6857.8	7543.8	8323.1	9148.6	9824.0	10151.4	10341.9
5°	4790.4	5264.2	5778.7	6377.9	7000.3	7695.9	8474.0	9289.8	9905.6	10253.6	10494.4
2.5°	4855.5	5320.0	5846.1	6465.6	7089.5	7813.9	8629.7	9475.3	10014.1	10294.0	10515.6
0°	4874.4	5342.2	5883.8	6511.6	7151.6	7882.0	8690.3	9527.3	10073.0	10343.8	10569.5
-2.5°	4895.7	5377.3	5933.8	6541.3	7176.0	7904.2	8729.3	9545.0	10035.8	10309.1	10523.8
-5°	4880.9	5380.0	5934.8	6516.7	7155.6	7878.0	8670.0	9432.7	9946.2	10241.6	10455.1
-7.5°	4836.7	5342.9	5892.0	6451.3	7077.9	7808.6	8597.3	9331.7	9851.9	10163.4	10396.9
-10°	4772.4	5263.9	5816.7	6383.2	7002.3	7697.8	8474.5	9204.4	9702.2	10033.0	10305.2
-12.5°	4701.2	5182.5	5715.3	6258.7	6871.0	7557.9	8310.4	9001.4	9496.3	9857.1	10051.6
-15°	4595.7	5076.6	5586.1	6111.6	6708.4	7374.8	8093.6	8756.6	9242.6	9536.2	9751.1
-17.5°	4461.4	4933.3	5416.3	5914.7	6477.0	7133.3	7856.5	8510.3	8906.5	9168.7	9380.0
-20°	4317.6	4754.0	5211.6	5681.9	6226.9	6877.1	7587.2	8157.6	8531.0	8782.9	8982.5



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4153.4	4573.7	4992.5	5442.1	5976.5	6572.6	7199.9	7751.0	8152.5	8381.9	8566.3
-25°	3965.9	4374.7	4772.5	5206.7	5697.8	6233.7	6816.9	7358.5	7718.1	7961.8	8144.6
-27.5°	3764.0	4148.1	4536.5	4926.5	5368.1	5901.9	6442.1	6945.2	7252.1	7497.8	7681.8
-30°	3562.4	3907.9	4267.4	4636.5	5050.9	5532.3	6037.5	6460.6	6784.3	7023.0	7193.8
-32.5°	3344.0	3671.9	3990.3	4335.3	4725.5	5149.7	5593.2	5995.6	6341.5	6560.1	6704.0
-35°	3120.3	3437.7	3729.2	4042.3	4386.5	4752.6	5161.9	5558.8	5900.3	6073.3	6213.6
-37.5°	2887.3	3203.8	3480.1	3741.7	4038.2	4377.2	4775.9	5154.6	5449.7	5598.4	5724.8
-40°	2684.7	2963.3	3212.0	3462.4	3703.4	4004.5	4376.5	4743.2	4979.9	5124.8	5242.3
-42.5°	2488.0	2723.0	2926.7	3151.1	3392.4	3689.2	3989.3	4296.8	4487.1	4647.9	4771.6
-45°	2258.8	2468.9	2659.9	2846.6	3066.7	3337.6	3610.3	3856.5	4034.8	4190.2	4310.7
-47.5°	2005.5	2208.3	2393.8	2560.7	2765.2	2991.2	3220.8	3425.7	3601.7	3755.3	3862.8
-50°	1769.4	1950.6	2131.7	2300.6	2477.8	2660.6	2846.9	3026.7	3193.8	3343.1	3434.6
-52.5°	1557.8	1725.1	1883.3	2031.0	2186.1	2340.5	2494.8	2659.5	2813.2	2954.5	3027.5
-55°	1366.5	1517.2	1660.1	1784.4	1908.8	2031.4	2163.6	2315.7	2457.2	2588.1	2640.5
-57.5°	1194.7	1323.7	1450.1	1555.3	1656.8	1754.3	1870.3	1998.7	2122.6	2234.8	2277.7
-60°	1036.6	1139.0	1244.7	1338.0	1426.5	1510.1	1611.3	1714.7	1815.2	1899.8	1936.3
-62.5°	891.2	978.8	1058.9	1134.8	1209.7	1284.9	1366.6	1448.7	1529.8	1595.0	1628.0
-65°	751.1	820.8	885.2	947.6	1008.1	1071.3	1135.2	1197.5	1257.6	1304.2	1332.7
-67.5°	619.5	672.5	723.6	772.2	822.9	874.1	924.1	971.8	1017.0	1052.9	1080.3
-70°	502.9	543.9	583.9	624.1	666.4	706.3	743.9	779.6	813.2	839.1	860.2
-72.5°	405.4	438.6	473.2	509.4	543.6	573.4	600.4	626.5	651.5	666.2	677.1
-75°	326.9	354.9	384.9	414.2	442.7	465.4	485.2	504.5	523.0	524.0	520.3
-77.5°	264.0	289.1	312.3	335.3	358.1	372.0	384.2	396.8	409.4	402.1	390.5
-80°	193.8	214.6	234.4	254.2	274.0	282.2	288.0	293.0	297.2	287.6	275.8
-82.5°	128.6	141.7	154.6	167.6	180.9	186.2	190.1	193.4	196.0	187.3	177.3
-85°	71.8	78.1	84.3	90.5	96.8	100.5	103.9	107.0	109.8	104.7	98.8
-87.5°	29.8	31.2	32.6	34.0	35.4	36.7	38.0	39.2	40.4	40.6	40.8
-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: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	23.6
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°	1.2	0.2	0.0	0.0	0.0	0.2	1.2	2.1	2.7	3.0	3.0
62.5°	7.5	7.8	8.1	8.2	8.1	7.8	7.5	7.2	6.9	7.3	7.8
60°	14.5	12.7	12.2	12.3	12.2	12.7	14.5	15.7	16.3	23.8	28.0
57.5°	113.7	97.4	99.8	110.8	99.8	97.4	113.7	123.1	123.8	143.7	144.5
55°	531.6	593.4	615.2	603.2	615.2	593.4	531.6	466.1	403.7	384.4	384.6
52.5°	720.2	745.6	755.3	755.0	755.3	745.6	720.2	686.2	643.2	600.7	559.1
50°	937.6	929.0	915.8	902.7	915.8	929.0	937.6	927.8	895.5	832.7	732.1
47.5°	1564.7	1537.6	1526.1	1546.9	1526.1	1537.6	1564.7	1547.1	1426.7	1270.4	1155.1
45°	2079.3	2111.0	2134.8	2133.6	2134.8	2111.0	2079.3	2052.6	1922.0	1743.1	1559.3
42.5°	2372.3	2389.2	2394.1	2388.0	2394.1	2389.2	2372.3	2342.7	2191.7	2000.5	1790.1
40°	2633.4	2653.6	2665.0	2675.2	2665.0	2653.6	2633.4	2594.5	2470.7	2292.7	2094.7
37.5°	3018.4	3025.8	3009.7	2999.3	3009.7	3025.8	3018.4	2993.9	2919.5	2692.2	2531.3
35°	3962.3	3981.6	3936.8	3984.1	3936.8	3981.6	3962.3	3865.4	3750.6	3615.9	3249.6
32.5°	4867.4	4958.0	5031.3	5091.9	5031.3	4958.0	4867.4	4774.9	4697.2	4437.3	3958.3
30°	5380.1	5438.6	5470.0	5477.6	5470.0	5438.6	5380.1	5308.1	5204.9	4872.6	4429.7
27.5°	5756.6	5817.9	5856.0	5883.8	5856.0	5817.9	5756.6	5690.0	5569.6	5230.5	4795.8
25°	6119.5	6175.5	6213.6	6228.4	6213.6	6175.5	6119.5	6051.8	5904.0	5617.4	5189.3
22.5°	6496.0	6534.9	6571.5	6589.5	6571.5	6534.9	6496.0	6416.7	6256.5	6027.9	5574.2
20°	7035.7	7014.5	7048.0	7036.8	7048.0	7014.5	7035.7	6914.5	6745.8	6507.5	6069.4
17.5°	8135.7	8147.1	8169.4	8206.1	8169.4	8147.1	8135.7	7974.9	7768.7	7553.4	6944.0
15°	9519.0	9546.9	9688.3	9814.5	9688.3	9546.9	9519.0	9363.5	9012.4	8701.8	8006.5
12.5°	10119.0	10215.3	10230.3	10265.9	10230.3	10215.3	10119.0	9899.7	9663.3	9267.3	8636.4
10°	10319.3	10486.1	10482.5	10524.4	10482.5	10486.1	10319.3	10128.5	9935.5	9597.6	8937.1
7.5°	10471.2	10650.3	10726.0	10758.2	10726.0	10650.3	10471.2	10341.9	10151.4	9824.0	9148.6
5°	10656.7	10755.2	10885.8	10848.5	10885.8	10755.2	10656.7	10494.4	10253.6	9905.6	9289.8
2.5°	10734.5	10888.7	10853.1	10889.5	10853.1	10888.7	10734.5	10515.6	10294.0	10014.1	9475.3
0°	10787.0	10897.7	10914.1	10951.1	10914.1	10897.7	10787.0	10569.5	10343.8	10073.0	9527.3
-2.5°	10723.3	10820.8	10991.5	10938.8	10991.5	10820.8	10723.3	10523.8	10309.1	10035.8	9545.0
-5°	10667.6	10907.5	10814.3	10930.6	10814.3	10907.5	10667.6	10455.1	10241.6	9946.2	9432.7
-7.5°	10638.7	10681.7	10743.5	10832.1	10743.5	10681.7	10638.7	10396.9	10163.4	9851.9	9331.7
-10°	10416.1	10459.9	10573.6	10635.1	10573.6	10459.9	10416.1	10305.2	10033.0	9702.2	9204.4
-12.5°	10174.5	10259.5	10378.8	10417.7	10378.8	10259.5	10174.5	10051.6	9857.1	9496.3	9001.4
-15°	9896.3	10022.5	10138.9	10163.3	10138.9	10022.5	9896.3	9751.1	9536.2	9242.6	8756.6
-17.5°	9542.5	9693.8	9816.1	9843.2	9816.1	9693.8	9542.5	9380.0	9168.7	8906.5	8510.3
-20°	9152.7	9297.6	9401.6	9432.9	9401.6	9297.6	9152.7	8982.5	8782.9	8531.0	8157.6



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8735.3	8865.8	8953.7	8940.6	8953.7	8865.8	8735.3	8566.3	8381.9	8152.5	7751.0
-25°	8292.2	8413.3	8497.1	8485.1	8497.1	8413.3	8292.2	8144.6	7961.8	7718.1	7358.5
-27.5°	7823.7	7938.5	8018.9	8021.5	8018.9	7938.5	7823.7	7681.8	7497.8	7252.1	6945.2
-30°	7331.4	7435.7	7501.0	7475.8	7501.0	7435.7	7331.4	7193.8	7023.0	6784.3	6460.6
-32.5°	6823.7	6918.0	6977.9	6995.7	6977.9	6918.0	6823.7	6704.0	6560.1	6341.5	5995.6
-35°	6322.9	6406.0	6457.7	6470.5	6457.7	6406.0	6322.9	6213.6	6073.3	5900.3	5558.8
-37.5°	5825.3	5896.8	5932.9	5916.6	5932.9	5896.8	5825.3	5724.8	5598.4	5449.7	5154.6
-40°	5333.7	5401.8	5443.1	5453.0	5443.1	5401.8	5333.7	5242.3	5124.8	4979.9	4743.2
-42.5°	4850.2	4906.8	4943.1	4960.6	4943.1	4906.8	4850.2	4771.6	4647.9	4487.1	4296.8
-45°	4381.0	4431.6	4465.7	4484.6	4465.7	4431.6	4381.0	4310.7	4190.2	4034.8	3856.5
-47.5°	3924.5	3968.9	3998.3	4012.8	3998.3	3968.9	3924.5	3862.8	3755.3	3601.7	3425.7
-50°	3488.1	3526.5	3553.9	3569.7	3553.9	3526.5	3488.1	3434.6	3343.1	3193.8	3026.7
-52.5°	3074.0	3107.6	3131.0	3142.9	3131.0	3107.6	3074.0	3027.5	2954.5	2813.2	2659.5
-55°	2678.7	2706.0	2727.6	2740.8	2727.6	2706.0	2678.7	2640.5	2588.1	2457.2	2315.7
-57.5°	2310.2	2332.4	2352.9	2367.5	2352.9	2332.4	2310.2	2277.7	2234.8	2122.6	1998.7
-60°	1965.1	1986.1	2003.5	2014.6	2003.5	1986.1	1965.1	1936.3	1899.8	1815.2	1714.7
-62.5°	1653.7	1672.3	1688.3	1698.7	1688.3	1672.3	1653.7	1628.0	1595.0	1529.8	1448.7
-65°	1355.2	1371.9	1383.8	1390.9	1383.8	1371.9	1355.2	1332.7	1304.2	1257.6	1197.5
-67.5°	1103.6	1122.8	1126.6	1124.2	1126.6	1122.8	1103.6	1080.3	1052.9	1017.0	971.8
-70°	879.0	895.3	899.1	898.6	899.1	895.3	879.0	860.2	839.1	813.2	779.6
-72.5°	687.3	696.1	688.6	677.0	688.6	696.1	687.3	677.1	666.2	651.5	626.5
-75°	515.7	510.1	502.1	492.4	502.1	510.1	515.7	520.3	524.0	523.0	504.5
-77.5°	377.7	363.8	354.6	344.7	354.6	363.8	377.7	390.5	402.1	409.4	396.8
-80°	263.0	249.3	239.9	229.8	239.9	249.3	263.0	275.8	287.6	297.2	293.0
-82.5°	166.6	155.3	149.6	143.6	149.6	155.3	166.6	177.3	187.3	196.0	193.4
-85°	92.6	85.9	82.0	78.0	82.0	85.9	92.6	98.8	104.7	109.8	107.0
-87.5°	40.9	40.9	38.9	36.9	38.9	40.9	40.9	40.8	40.6	40.4	39.2
-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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.6	21.5	20.5	19.5	18.5	17.4	16.4	15.4	14.4	13.3	12.3
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	0.1	0.1	0.0	0.0	0.4	0.5	0.2	0.0	0.4
67.5°	0.0	0.0	0.7	1.7	2.1	2.1	1.9	2.1	2.4	2.2	2.1
65°	2.5	1.5	1.0	2.0	3.1	4.1	4.3	3.8	3.7	4.3	5.1
62.5°	8.3	8.6	7.5	6.2	5.4	6.0	6.5	7.0	6.1	4.8	6.4
60°	24.7	15.0	21.9	23.5	18.7	16.2	24.3	23.1	12.0	10.3	9.3
57.5°	119.0	99.7	109.3	99.3	68.0	59.3	61.5	58.7	53.1	32.5	13.9
55°	410.3	351.6	276.2	238.6	229.9	175.8	131.0	109.4	99.2	71.6	47.5
52.5°	521.2	484.5	427.5	348.8	306.9	291.1	248.9	199.1	158.2	126.5	90.9
50°	653.5	663.2	604.7	495.9	452.8	406.2	365.2	307.7	255.8	205.2	151.4
47.5°	1066.1	993.0	934.3	853.1	698.8	600.4	535.7	441.4	370.4	309.1	242.8
45°	1421.4	1337.8	1280.4	1154.4	990.5	838.2	736.5	618.3	492.5	410.5	350.4
42.5°	1673.8	1565.6	1471.2	1368.5	1211.9	1040.1	900.6	783.6	651.4	518.5	438.5
40°	1920.7	1749.3	1655.8	1563.7	1416.1	1223.4	1114.8	943.0	804.9	657.5	548.3
37.5°	2289.0	1997.5	1964.5	1875.9	1708.9	1508.4	1386.2	1216.7	960.6	821.7	696.0
35°	2911.5	2611.1	2437.8	2350.9	2134.5	1879.0	1677.7	1519.5	1265.3	991.8	847.0
32.5°	3597.5	3217.3	2954.2	2830.2	2598.0	2251.4	2003.0	1801.8	1546.7	1237.1	1004.9
30°	3984.8	3638.1	3321.2	3109.2	2883.5	2585.6	2300.6	2016.4	1739.5	1483.4	1176.0
27.5°	4345.2	3913.0	3571.2	3332.1	3120.7	2834.3	2519.0	2214.4	1910.1	1657.0	1382.8
25°	4688.6	4209.6	3837.2	3556.4	3310.6	3083.8	2727.4	2394.6	2077.2	1797.5	1583.1
22.5°	5008.5	4563.9	4134.8	3767.6	3559.4	3316.0	2964.6	2561.4	2251.4	2016.1	1763.7
20°	5535.4	5037.6	4494.3	4176.6	3983.0	3606.9	3209.3	2810.6	2525.9	2256.5	1959.6
17.5°	6403.8	5782.8	5133.1	4792.9	4518.7	4057.4	3550.8	3155.3	2799.7	2499.5	2172.8
15°	7354.7	6555.2	5911.5	5472.0	5037.6	4497.2	3910.9	3483.6	3079.5	2741.8	2368.7
12.5°	7824.6	7063.5	6494.1	5874.7	5314.2	4824.7	4269.8	3798.6	3340.1	2899.9	2489.9
10°	8104.9	7348.6	6704.5	6086.3	5524.5	5053.4	4538.0	3979.9	3470.5	3004.7	2591.0
7.5°	8323.1	7543.8	6857.8	6242.3	5673.1	5176.2	4682.9	4097.8	3574.8	3089.3	2672.1
5°	8474.0	7695.9	7000.3	6377.9	5778.7	5264.2	4790.4	4187.1	3652.5	3153.6	2733.7
2.5°	8629.7	7813.9	7089.5	6465.6	5846.1	5320.0	4855.5	4255.2	3715.6	3201.2	2785.1
0°	8690.3	7882.0	7151.6	6511.6	5883.8	5342.2	4874.4	4300.0	3758.4	3229.1	2818.8
-2.5°	8729.3	7904.2	7176.0	6541.3	5933.8	5377.3	4895.7	4350.3	3771.9	3259.1	2828.2
-5°	8670.0	7878.0	7155.6	6516.7	5934.8	5380.0	4880.9	4357.7	3768.5	3267.1	2820.9
-7.5°	8597.3	7808.6	7077.9	6451.3	5892.0	5342.9	4836.7	4325.1	3755.6	3254.0	2807.0
-10°	8474.5	7697.8	7002.3	6383.2	5816.7	5263.9	4772.4	4263.2	3713.7	3216.8	2774.4
-12.5°	8310.4	7557.9	6871.0	6258.7	5715.3	5182.5	4701.2	4177.7	3642.1	3154.8	2722.8
-15°	8093.6	7374.8	6708.4	6111.6	5586.1	5076.6	4595.7	4083.0	3572.4	3078.3	2652.1
-17.5°	7856.5	7133.3	6477.0	5914.7	5416.3	4933.3	4461.4	3983.7	3491.9	3006.6	2588.3
-20°	7587.2	6877.1	6226.9	5681.9	5211.6	4754.0	4317.6	3872.4	3380.3	2924.1	2521.5



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7199.9	6572.6	5976.5	5442.1	4992.5	4573.7	4153.4	3722.9	3235.6	2820.7	2430.4
-25°	6816.9	6233.7	5697.8	5206.7	4772.5	4374.7	3965.9	3539.2	3106.7	2699.4	2319.1
-27.5°	6442.1	5901.9	5368.1	4926.5	4536.5	4148.1	3764.0	3360.2	2962.1	2562.8	2214.4
-30°	6037.5	5532.3	5050.9	4636.5	4267.4	3907.9	3562.4	3185.5	2793.8	2414.8	2101.6
-32.5°	5593.2	5149.7	4725.5	4335.3	3990.3	3671.9	3344.0	2986.7	2599.6	2276.6	1970.8
-35°	5161.9	4752.6	4386.5	4042.3	3729.2	3437.7	3120.3	2762.5	2422.6	2119.5	1823.4
-37.5°	4775.9	4377.2	4038.2	3741.7	3480.1	3203.8	2887.3	2569.8	2250.3	1944.6	1686.2
-40°	4376.5	4004.5	3703.4	3462.4	3212.0	2963.3	2684.7	2389.5	2074.2	1775.6	1551.6
-42.5°	3989.3	3689.2	3392.4	3151.1	2926.7	2723.0	2488.0	2190.0	1900.2	1640.8	1425.6
-45°	3610.3	3337.6	3066.7	2846.6	2659.9	2468.9	2258.8	1988.0	1727.8	1505.1	1302.0
-47.5°	3220.8	2991.2	2765.2	2560.7	2393.8	2208.3	2005.5	1776.1	1562.8	1362.1	1182.3
-50°	2846.9	2660.6	2477.8	2300.6	2131.7	1950.6	1769.4	1584.2	1393.8	1219.0	1055.8
-52.5°	2494.8	2340.5	2186.1	2031.0	1883.3	1725.1	1557.8	1393.1	1225.7	1079.6	933.8
-55°	2163.6	2031.4	1908.8	1784.4	1660.1	1517.2	1366.5	1218.0	1084.5	950.2	831.4
-57.5°	1870.3	1754.3	1656.8	1555.3	1450.1	1323.7	1194.7	1069.3	958.4	847.3	737.3
-60°	1611.3	1510.1	1426.5	1338.0	1244.7	1139.0	1036.6	937.3	841.4	750.8	656.1
-62.5°	1366.6	1284.9	1209.7	1134.8	1058.9	978.8	891.2	811.1	736.9	660.5	574.8
-65°	1135.2	1071.3	1008.1	947.6	885.2	820.8	751.1	687.7	627.0	565.1	491.0
-67.5°	924.1	874.1	822.9	772.2	723.6	672.5	619.5	566.7	517.2	466.7	406.6
-70°	743.9	706.3	666.4	624.1	583.9	543.9	502.9	460.1	414.9	373.7	332.5
-72.5°	600.4	573.4	543.6	509.4	473.2	438.6	405.4	372.0	337.7	302.4	266.4
-75°	485.2	465.4	442.7	414.2	384.9	354.9	326.9	298.2	266.7	232.5	199.1
-77.5°	384.2	372.0	358.1	335.3	312.3	289.1	264.0	232.7	200.8	169.2	141.6
-80°	288.0	282.2	274.0	254.2	234.4	214.6	193.8	166.4	139.3	113.8	93.3
-82.5°	190.1	186.2	180.9	167.6	154.6	141.7	128.6	109.6	91.4	74.2	59.0
-85°	103.9	100.5	96.8	90.5	84.3	78.1	71.8	61.3	51.4	42.2	34.0
-87.5°	38.0	36.7	35.4	34.0	32.6	31.2	29.8	26.7	23.7	20.9	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: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	11.3	10.3	9.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	2.2
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	1.2
82.5°	0.0	0.0	0.0	0.1	0.7	1.1	1.2	1.1	0.6	0.1	0.3
80°	0.0	0.0	0.0	0.1	1.0	2.2	2.7	2.8	2.1	1.5	0.8
77.5°	0.0	0.0	0.0	0.0	0.4	1.2	2.3	3.7	3.7	2.9	2.0
75°	0.0	0.0	0.0	0.2	0.3	0.1	0.9	2.2	3.3	4.0	3.2
72.5°	0.0	0.0	0.0	0.5	1.1	1.2	0.7	0.7	2.4	3.5	4.0
70°	0.6	0.2	0.0	0.7	1.7	2.5	2.3	1.9	1.6	3.0	3.9
67.5°	1.9	2.1	1.5	1.2	1.9	2.8	3.8	3.7	3.2	2.7	3.8
65°	4.8	4.4	4.0	3.6	3.1	3.0	4.0	5.1	4.8	4.1	3.7
62.5°	7.2	7.1	6.6	6.0	5.3	4.6	4.3	5.7	6.2	5.5	4.6
60°	9.2	9.6	9.2	8.4	7.6	6.7	6.1	6.4	7.1	6.9	5.9
57.5°	12.8	12.4	12.2	11.1	9.8	8.8	8.2	8.0	8.2	8.1	7.1
55°	22.5	15.7	15.8	14.6	12.5	10.8	10.3	10.0	9.5	9.4	8.3
52.5°	57.0	31.6	20.3	18.7	16.3	13.4	12.5	11.9	11.3	10.7	9.5
50°	105.3	68.2	38.6	24.2	20.6	17.6	14.6	13.8	13.0	12.2	10.7
47.5°	168.4	117.2	76.1	38.2	26.6	22.0	18.2	15.7	14.7	13.7	11.8
45°	259.5	172.6	119.7	75.6	35.5	30.3	22.6	17.7	16.5	15.1	12.9
42.5°	361.0	253.3	167.9	114.2	67.8	42.0	27.0	21.4	18.2	16.6	14.2
40°	460.6	350.0	225.5	157.5	102.3	56.3	38.9	25.6	19.9	18.3	15.6
37.5°	570.8	452.3	315.9	203.7	137.4	85.9	53.3	29.8	22.6	20.0	17.0
35°	707.1	565.9	406.4	271.3	182.0	113.4	69.3	37.9	27.7	21.8	18.5
32.5°	843.1	679.2	504.1	350.0	228.6	138.8	90.2	54.2	33.8	23.7	20.0
30°	980.1	783.0	596.2	422.8	282.2	179.4	112.6	69.9	40.7	25.6	21.6
27.5°	1103.4	881.0	682.4	498.9	345.1	222.4	136.1	85.2	48.4	29.0	23.2
25°	1242.7	986.9	767.2	571.6	402.5	267.2	160.2	100.1	59.7	35.0	24.8
22.5°	1421.9	1095.6	845.8	637.6	459.5	310.0	191.2	119.9	72.0	41.2	26.4
20°	1600.1	1201.9	922.8	720.2	521.4	358.2	227.0	139.5	83.7	47.7	28.0
17.5°	1775.0	1338.1	1034.8	804.6	587.6	403.3	260.5	158.8	94.8	54.3	29.6
15°	1931.8	1494.1	1144.9	884.4	652.5	445.0	291.5	177.5	105.1	61.0	31.7
12.5°	2063.5	1628.6	1248.6	959.1	715.0	483.1	319.8	195.5	114.7	68.4	34.5
10°	2172.3	1742.4	1344.8	1028.1	774.1	517.3	345.3	213.5	125.9	76.2	37.5
7.5°	2259.2	1836.4	1432.2	1090.8	827.6	549.3	372.7	232.4	136.7	83.7	40.6
5°	2324.6	1909.7	1499.9	1135.8	870.2	578.8	397.9	249.8	146.7	90.6	43.6
2.5°	2367.1	1963.7	1550.0	1171.0	904.9	603.6	420.2	265.4	155.9	97.0	46.5
0°	2392.1	2002.3	1587.9	1198.1	931.4	623.7	439.0	279.0	164.1	102.6	49.2
-2.5°	2414.5	2027.6	1621.0	1245.3	949.6	656.6	451.1	291.3	177.1	106.7	54.2
-5°	2421.8	2038.8	1642.7	1281.7	960.5	683.3	459.6	301.2	188.4	109.9	58.8
-7.5°	2409.3	2032.1	1650.3	1302.3	965.6	702.1	464.5	309.1	197.7	112.5	62.8
-10°	2381.6	2010.1	1640.2	1296.1	972.6	708.0	467.4	314.8	204.4	114.4	66.2
-12.5°	2340.4	1976.8	1618.7	1282.3	971.4	704.3	475.1	319.3	207.9	115.7	68.6
-15°	2286.5	1933.4	1585.7	1262.0	959.7	695.8	477.0	321.0	207.6	118.1	70.1
-17.5°	2223.1	1880.7	1541.5	1236.1	937.0	683.0	472.7	318.9	205.5	121.6	71.6
-20°	2159.6	1822.1	1489.1	1205.5	902.7	666.5	461.8	313.1	201.7	123.9	73.1



REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2085.1	1754.9	1443.8	1162.8	865.5	646.5	443.8	303.1	196.3	124.9	73.7
-25°	1999.5	1676.4	1389.4	1104.1	836.3	623.9	425.2	288.9	189.3	124.6	73.5
-27.5°	1902.8	1592.6	1325.2	1039.8	805.8	592.4	407.6	278.5	183.4	122.8	72.4
-30°	1794.8	1513.6	1248.6	978.0	768.7	558.3	384.5	266.9	180.7	120.5	70.4
-32.5°	1678.5	1424.6	1166.2	930.9	726.4	522.9	364.1	253.7	176.2	117.6	70.5
-35°	1569.4	1327.9	1082.1	876.5	681.6	501.9	350.6	239.1	169.9	113.5	70.9
-37.5°	1452.5	1226.5	1015.5	819.8	634.4	477.8	339.5	232.6	161.6	108.3	70.6
-40°	1340.1	1130.3	938.5	765.7	599.4	450.7	322.2	225.3	153.7	101.9	69.7
-42.5°	1226.3	1039.8	864.7	706.9	566.5	424.5	300.0	214.1	147.4	98.2	68.1
-45°	1121.6	946.4	786.3	655.6	529.9	391.0	283.0	200.1	139.5	95.6	66.6
-47.5°	1011.5	851.3	714.6	599.5	482.0	354.5	261.2	189.0	130.1	92.2	65.7
-50°	897.8	761.2	647.5	537.8	423.4	324.0	238.0	175.8	126.7	89.4	64.0
-52.5°	798.4	682.1	579.0	474.4	379.1	288.4	220.4	161.7	122.3	87.1	61.7
-55°	712.7	606.9	511.4	422.4	337.0	262.3	200.5	155.0	116.7	84.3	58.9
-57.5°	637.1	537.1	456.0	376.0	301.8	237.1	186.5	147.0	110.9	80.3	56.5
-60°	563.5	481.4	405.6	334.3	269.0	215.3	175.5	137.7	103.9	75.2	53.7
-62.5°	495.5	423.2	357.3	292.8	239.6	197.6	163.0	127.0	95.7	69.0	50.0
-65°	424.1	362.6	306.8	256.2	212.9	176.8	146.8	114.8	85.0	61.4	45.3
-67.5°	350.0	304.8	261.3	219.1	183.7	153.4	128.2	98.7	72.3	52.7	39.8
-70°	291.5	251.7	214.8	181.7	152.8	128.1	104.7	79.7	58.3	45.1	33.9
-72.5°	232.0	199.6	169.4	143.0	122.4	101.5	80.1	61.0	48.3	37.2	27.7
-75°	171.7	149.8	130.1	111.8	93.3	74.9	61.1	48.5	38.1	29.0	23.4
-77.5°	124.6	108.8	94.3	82.7	69.9	57.7	46.1	35.6	28.8	24.1	19.7
-80°	84.7	76.3	68.3	60.2	49.9	40.2	33.3	27.4	23.2	19.4	15.8
-82.5°	53.3	48.9	44.9	40.8	34.8	29.4	24.7	20.6	17.5	14.6	12.9
-85°	31.6	29.2	26.9	24.6	21.3	18.4	17.0	15.7	14.4	13.0	11.7
-87.5°	17.8	17.6	17.3	17.0	16.1	15.4	14.7	14.0	12.8	11.6	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.1

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REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.2	7.2	6.2	5.1	4.1	4.1	4.1
87.5°	3.0	3.4	3.7	4.0	4.1	4.1	4.1
85°	2.0	2.8	3.4	3.8	4.1	4.1	4.1
82.5°	1.0	2.1	3.1	3.7	4.1	4.1	4.1
80°	0.2	1.5	2.7	3.6	4.1	4.1	4.1
77.5°	1.3	1.4	2.4	3.5	4.1	4.1	4.1
75°	2.3	2.0	2.2	3.4	4.1	4.1	4.1
72.5°	3.3	2.7	2.6	3.3	4.1	4.1	4.1
70°	4.1	3.3	2.9	3.3	4.1	4.1	4.1
67.5°	4.2	3.8	3.3	3.4	4.1	4.1	4.1
65°	4.4	4.2	3.6	3.6	4.1	4.1	4.1
62.5°	4.6	4.6	3.8	3.7	4.1	4.1	4.1
60°	4.9	4.9	4.1	3.8	4.1	4.1	4.1
57.5°	5.8	5.3	4.5	3.9	4.1	4.1	4.1
55°	6.9	5.7	4.9	4.0	4.2	4.1	4.1
52.5°	7.9	6.3	5.3	4.0	4.3	4.1	4.1
50°	8.9	7.1	5.8	4.1	4.4	4.1	4.1
47.5°	9.9	7.9	6.3	4.2	4.5	4.1	4.1
45°	10.8	8.7	6.8	4.6	4.6	4.1	4.1
42.5°	11.8	9.5	7.3	4.9	4.7	4.1	4.1
40°	12.7	10.3	7.8	5.4	4.9	4.1	4.1
37.5°	13.6	11.0	8.4	6.0	5.0	4.1	4.1
35°	14.4	11.7	9.0	6.5	5.2	4.1	4.1
32.5°	15.4	12.4	9.5	7.0	5.4	4.1	4.1
30°	16.6	13.1	10.1	7.6	5.6	4.1	4.1
27.5°	17.8	13.7	10.7	8.1	5.8	4.1	4.1
25°	19.0	14.3	11.4	8.5	6.0	4.1	4.1
22.5°	20.2	14.9	12.0	9.0	6.2	4.1	4.1
20°	21.4	15.7	12.6	9.4	6.5	4.1	4.1
17.5°	22.6	16.4	13.1	9.9	6.7	4.1	4.1
15°	23.7	17.1	13.7	10.3	6.9	4.1	4.1
12.5°	24.8	17.8	14.2	10.7	7.2	4.1	4.1
10°	25.8	18.4	14.7	11.0	7.4	4.1	4.1
7.5°	26.6	19.0	15.2	11.4	7.6	4.1	4.1
5°	27.4	19.5	15.6	11.7	7.8	4.1	4.1
2.5°	28.1	20.0	16.0	12.0	8.0	4.1	4.1
0°	28.7	20.5	16.4	12.3	8.2	4.1	4.1
-2.5°	30.3	20.9	16.7	12.3	8.2	4.1	4.1
-5°	31.7	21.3	17.0	12.3	8.2	4.1	4.1
-7.5°	33.0	21.7	17.3	12.2	8.1	4.1	4.1
-10°	34.1	22.0	17.5	12.1	8.1	4.1	4.1
-12.5°	34.9	22.3	17.6	12.0	8.0	4.1	4.1
-15°	35.4	22.5	17.7	11.9	7.9	4.1	4.1
-17.5°	35.6	22.7	17.7	11.7	7.8	4.1	4.1
-20°	36.5	22.8	17.5	11.6	7.7	4.1	4.1

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REPORT NUMBER: P627180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.8	22.9	17.3	11.4	7.6	4.1	4.1
-25°	40.8	24.4	17.0	11.1	7.4	4.1	4.1
-27.5°	42.2	26.3	16.6	10.9	7.3	4.1	4.1
-30°	43.3	28.0	16.2	10.6	7.1	4.1	4.1
-32.5°	43.8	29.3	16.8	10.4	6.9	4.1	4.1
-35°	45.0	30.4	17.2	10.1	6.7	4.1	4.1
-37.5°	46.2	31.0	17.5	9.7	6.5	4.1	4.1
-40°	46.9	31.3	17.7	9.4	6.3	4.1	4.1
-42.5°	47.2	31.3	17.8	9.2	6.0	4.1	4.1
-45°	46.9	31.1	17.9	9.3	5.8	4.1	4.1
-47.5°	46.2	30.6	17.7	9.2	5.5	4.1	4.1
-50°	45.3	29.9	17.4	9.1	5.3	4.1	4.1
-52.5°	44.0	29.0	16.9	8.9	5.0	4.1	4.1
-55°	42.4	27.8	16.2	8.7	4.7	4.1	4.1
-57.5°	40.5	26.3	15.3	8.4	4.4	4.1	4.1
-60°	38.3	24.5	14.2	8.0	4.1	4.1	4.1
-62.5°	35.2	22.4	13.4	7.5	4.1	4.1	4.1
-65°	31.7	20.1	12.5	7.1	4.1	4.1	4.1
-67.5°	27.9	18.0	11.6	6.5	4.1	4.1	4.1
-70°	23.8	16.4	10.5	5.9	4.1	4.1	4.1
-72.5°	21.0	14.6	9.4	5.8	4.1	4.1	4.1
-75°	18.3	12.7	8.2	5.7	4.1	4.1	4.1
-77.5°	15.4	10.8	7.7	5.7	4.1	4.1	4.1
-80°	12.5	9.7	7.5	5.6	4.1	4.1	4.1
-82.5°	11.3	9.1	7.2	5.5	4.1	4.1	4.1
-85°	10.3	8.5	6.8	5.4	4.1	4.1	4.1
-87.5°	9.3	7.8	6.5	5.3	4.1	4.1	4.1
-90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1

(END OF REPORT)