

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: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627960 (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-SA6D-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35137.3 lumens	Max Intensity:	26329.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	107.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	20329.3 lumens	Field Lumens:	33343 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	325.9		
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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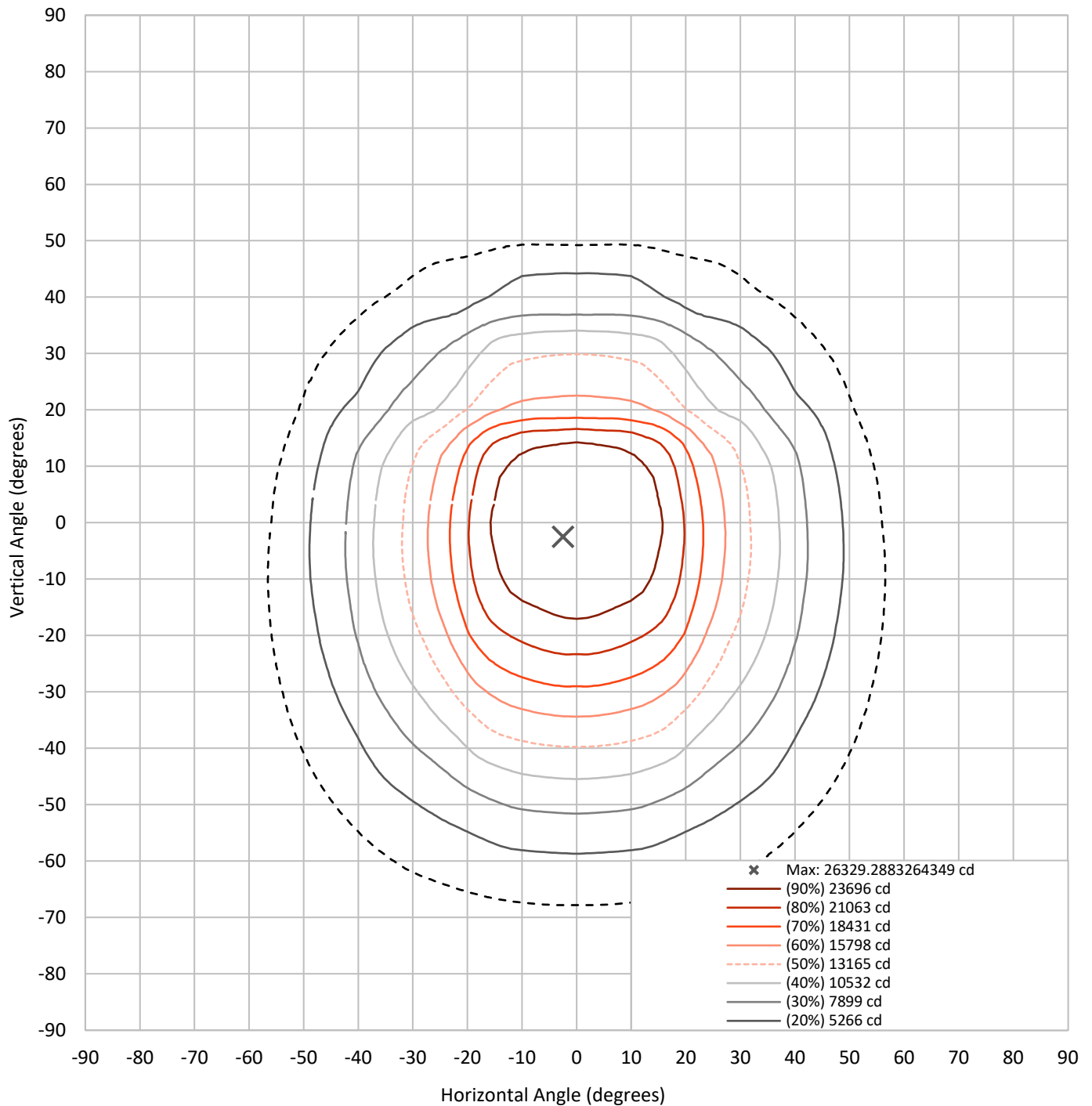
Scaled Data Report



REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-VWR-VSR-XX

Iso-Candela Plot





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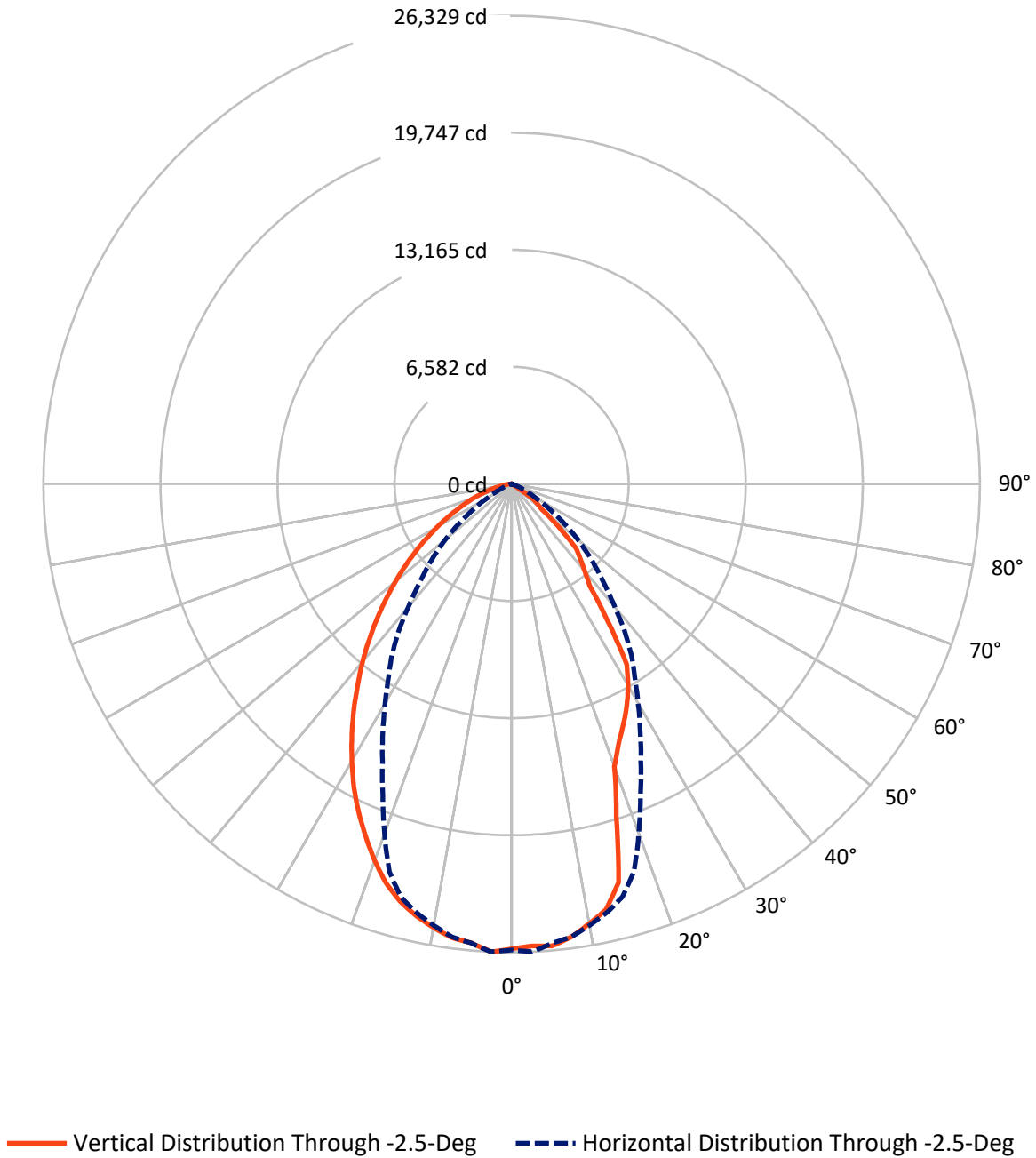
CATALOG NUMBER: GFLD-SA6D-750-U-VWR-VSR-XX

Lumen Table

90																			
80	0.1	0.2		0.2		0.4		0.4		0.4		0.2		0.2		0.1			
70																			
60	0.3	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.3			
50		0.3	0.7	3.3	9.6	18.5	27.4	34.1	34.1	27.4	18.5	9.6	3.3	0.7	0.3				
40	0.6	0.7	3.9	18.0	43.6	78.5	115.8	141.8	141.8	115.8	78.5	43.6	18.0	3.9	0.7	0.6			
30		1.7	13.0	45.6	101.8	165.1	247.5	289.4	289.4	247.5	165.1	101.8	45.6	13.0	1.7				
20	1.1	3.9	25.3	80.9	164.1	260.2	390.2	448.5	448.5	390.2	260.2	164.1	80.9	25.3	3.9	1.1			
10		6.7	38.8	119.7	236.4	389.0	579.2	664.2	664.2	579.2	389.0	236.4	119.7	38.8	6.7				
0	1.8	9.1	50.3	142.1	282.7	464.9	683.9	776.1	776.1	683.9	464.9	282.7	142.1	50.3	9.1	1.8			
-10		10.8	55.5	147.6	290.3	475.5	689.0	779.0	779.0	689.0	475.5	290.3	147.6	55.5	10.8				
-20	2.2	11.3	54.3	139.7	273.7	445.2	639.4	722.5	722.5	639.4	445.2	273.7	139.7	54.3	11.3	2.2			
-30		10.3	47.5	121.9	236.4	378.5	536.0	607.1	607.1	536.0	378.5	236.4	121.9	47.5	10.3				
-40	2.2	8.6	37.9	95.8	186.0	292.0	409.4	463.5	463.5	409.4	292.0	186.0	95.8	37.9	8.6	2.2			
-50		6.9	28.0	68.3	133.2	205.3	283.3	321.6	321.6	283.3	205.3	133.2	68.3	28.0	6.9				
-60	1.7	5.2	18.3	43.9	82.8	127.5	173.2	197.5	197.5	173.2	127.5	82.8	43.9	18.3	5.2	1.7			
-70		3.6	11.1	25.6	45.5	67.6	89.5	101.4	101.4	89.5	67.6	45.5	25.6	11.1	3.6				
-80	0.6	8.2		37.9		82.6		92.3		82.6		37.9		8.2		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

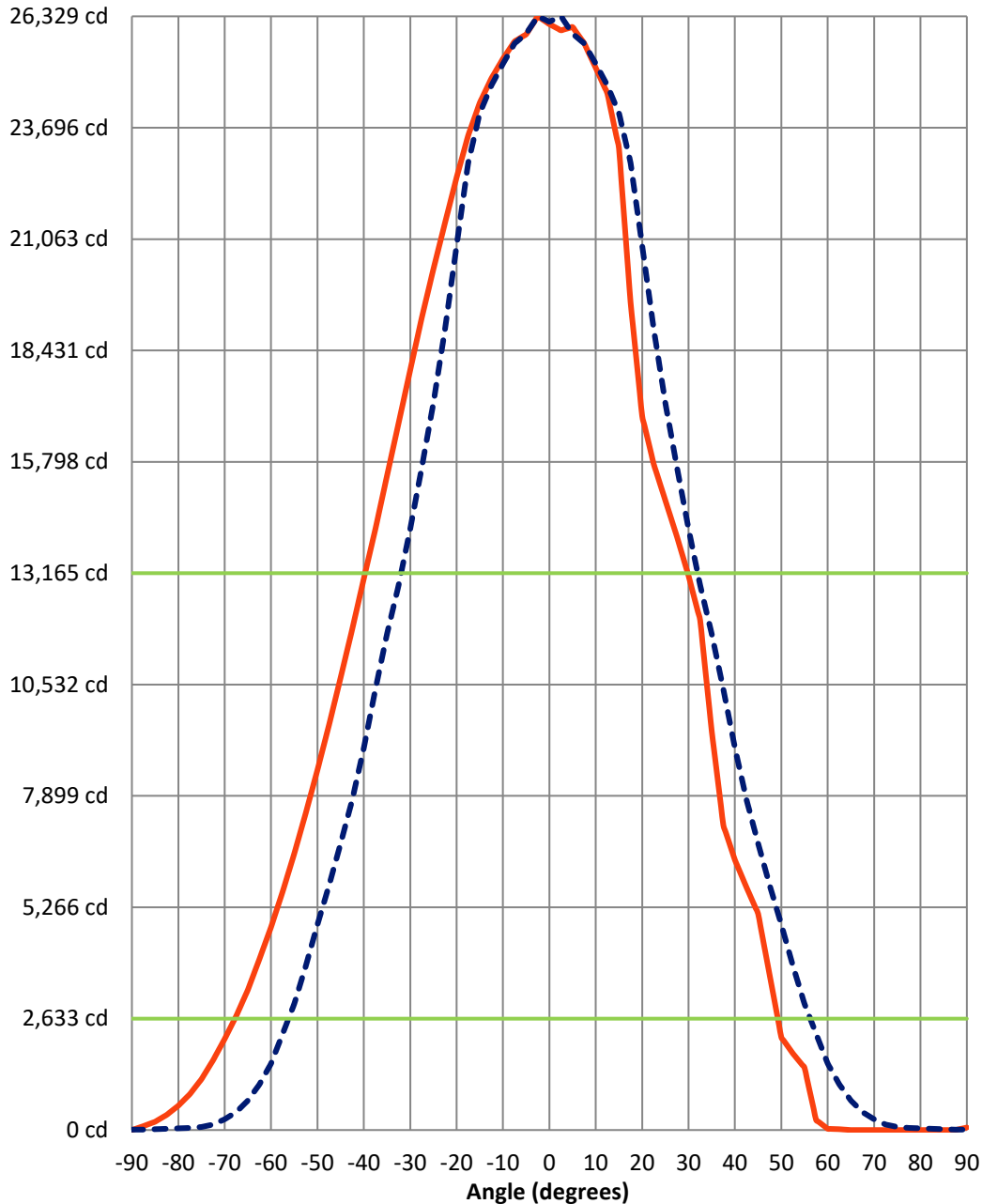
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 20329.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 33343
 Efficiency: 94.9%

Spill:
 Lumens: 1794.2
 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°	9.8	9.8	9.8	12.3	14.8	17.2	19.7	22.2	24.6	27.1	29.5
87.5°	9.8	9.8	9.8	9.5	9.0	8.2	7.3	5.2	3.2	1.5	0.0
85°	9.8	9.8	9.8	9.2	8.1	6.6	4.8	3.0	1.6	0.6	0.0
82.5°	9.8	9.8	9.8	8.9	7.3	5.1	2.3	0.8	0.2	1.4	2.6
80°	9.8	9.8	9.8	8.6	6.5	3.6	0.5	1.9	3.5	5.1	6.7
77.5°	9.8	9.8	9.8	8.3	5.8	3.3	3.0	4.8	6.8	8.8	8.9
75°	9.8	9.8	9.8	8.1	5.4	4.8	5.5	7.7	9.7	8.0	5.2
72.5°	9.8	9.8	9.8	7.9	6.2	6.4	7.8	9.7	8.3	5.7	1.7
70°	9.8	9.8	9.8	7.8	7.0	7.8	9.8	9.3	7.2	3.7	4.5
67.5°	9.8	9.8	9.8	8.2	7.8	9.2	10.1	9.0	6.4	7.6	8.8
65°	9.8	9.8	9.8	8.5	8.5	10.2	10.5	8.9	9.8	11.5	12.1
62.5°	9.8	9.8	9.8	8.8	9.2	10.9	11.0	11.1	13.2	14.9	13.5
60°	9.8	9.8	9.8	9.1	9.8	11.8	11.7	14.1	16.6	17.1	15.4
57.5°	9.8	9.8	9.9	9.3	10.7	12.7	14.0	17.0	19.5	19.7	19.2
55°	9.8	9.8	10.1	9.5	11.7	13.8	16.5	19.9	22.4	22.8	23.9
52.5°	9.8	9.8	10.2	9.6	12.8	15.1	18.9	22.8	25.6	27.0	28.5
50°	9.8	9.8	10.5	9.7	13.9	17.1	21.4	25.6	29.1	31.2	33.2
47.5°	9.8	9.8	10.7	10.0	15.0	19.0	23.7	28.3	32.8	35.3	37.7
45°	9.8	9.8	11.0	10.9	16.2	21.0	26.0	31.0	36.3	39.4	42.3
42.5°	9.8	9.8	11.3	11.9	17.5	22.8	28.3	34.0	39.9	43.5	51.3
40°	9.8	9.8	11.7	13.0	18.8	24.7	30.5	37.3	43.8	47.6	61.3
37.5°	9.8	9.8	12.1	14.4	20.2	26.4	32.6	40.8	47.9	54.1	71.4
35°	9.8	9.8	12.5	15.6	21.6	28.1	34.6	44.4	52.2	66.5	90.9
32.5°	9.8	9.8	12.9	16.9	22.9	29.8	36.9	48.0	56.7	81.0	129.7
30°	9.8	9.8	13.4	18.1	24.2	31.4	39.8	51.8	61.4	97.6	167.5
27.5°	9.8	9.8	13.9	19.3	25.7	32.9	42.7	55.6	69.5	116.0	204.0
25°	9.8	9.8	14.4	20.5	27.2	34.3	45.7	59.5	83.7	142.9	239.8
22.5°	9.8	9.8	15.0	21.6	28.7	35.8	48.5	63.3	98.7	172.4	287.1
20°	9.8	9.8	15.5	22.7	30.1	37.6	51.3	67.2	114.3	200.5	334.1
17.5°	9.8	9.8	16.1	23.7	31.5	39.3	54.2	71.0	130.1	227.0	380.3
15°	9.8	9.8	16.6	24.7	32.8	41.0	56.9	75.9	146.0	251.7	425.2
12.5°	9.8	9.8	17.2	25.6	34.1	42.5	59.4	82.8	163.7	274.7	468.3
10°	9.8	9.8	17.7	26.5	35.3	44.0	61.7	89.9	182.5	301.5	511.4
7.5°	9.8	9.8	18.3	27.3	36.4	45.4	63.8	97.2	200.3	327.4	556.7
5°	9.8	9.8	18.8	28.1	37.4	46.7	65.7	104.4	217.0	351.5	598.4
2.5°	9.8	9.8	19.2	28.8	38.4	48.0	67.4	111.4	232.2	373.5	635.8
0°	9.8	9.8	19.7	29.5	39.3	49.1	68.8	117.9	245.7	393.1	668.3
-2.5°	9.8	9.8	19.7	29.5	40.1	50.1	72.6	129.9	255.4	424.1	697.6
-5°	9.8	9.8	19.6	29.4	40.8	51.1	76.1	140.9	263.3	451.4	721.5
-7.5°	9.8	9.8	19.5	29.2	41.5	52.0	79.2	150.5	269.4	473.6	740.3
-10°	9.8	9.8	19.4	29.1	41.9	52.7	81.7	158.5	274.0	489.6	754.0
-12.5°	9.8	9.8	19.2	28.8	42.2	53.4	83.6	164.4	277.1	498.1	764.8
-15°	9.8	9.8	19.0	28.5	42.4	53.9	84.8	168.0	282.9	497.2	768.7
-17.5°	9.8	9.8	18.8	28.1	42.3	54.3	85.3	171.6	291.3	492.1	763.9
-20°	9.8	9.8	18.5	27.7	42.0	54.7	87.5	175.1	296.9	483.1	749.9

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CATALOG NUMBER: GFLD-SA6D-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°	9.8	9.8	18.2	27.3	41.5	54.9	93.1	176.6	299.3	470.2	726.1
-25°	9.8	9.8	17.8	26.7	40.8	58.5	97.7	176.1	298.4	453.5	692.1
-27.5°	9.8	9.8	17.5	26.2	39.8	63.1	101.3	173.4	294.2	439.3	667.2
-30°	9.8	9.8	17.0	25.5	38.8	67.0	103.7	168.6	288.7	432.9	639.3
-32.5°	9.8	9.8	16.6	24.9	40.3	70.2	105.0	168.9	281.7	422.1	607.8
-35°	9.8	9.8	16.1	24.2	41.3	72.8	107.9	169.8	271.9	406.9	572.8
-37.5°	9.8	9.8	15.6	23.4	42.0	74.4	110.7	169.2	259.3	387.1	557.1
-40°	9.8	9.8	15.1	22.6	42.3	75.0	112.5	166.9	244.0	368.2	539.6
-42.5°	9.8	9.8	14.5	22.1	42.6	75.0	113.1	163.1	235.3	353.0	512.9
-45°	9.8	9.8	13.9	22.3	42.8	74.5	112.5	159.6	228.9	334.2	479.3
-47.5°	9.8	9.8	13.3	22.1	42.5	73.3	110.8	157.3	220.7	311.7	452.8
-50°	9.8	9.8	12.6	21.8	41.8	71.7	108.5	153.4	214.2	303.6	421.2
-52.5°	9.8	9.8	11.9	21.4	40.5	69.4	105.4	148.0	208.7	292.9	387.4
-55°	9.8	9.8	11.2	20.8	38.8	66.6	101.7	141.3	201.8	279.6	371.2
-57.5°	9.8	9.8	10.5	20.1	36.6	63.0	97.2	135.4	192.3	265.6	352.1
-60°	9.8	9.8	9.8	19.1	34.0	58.7	91.8	128.7	180.3	249.0	330.0
-62.5°	9.8	9.8	9.8	18.1	32.2	53.7	84.4	119.9	165.3	229.4	304.3
-65°	9.8	9.8	9.8	16.9	30.1	48.2	76.1	108.6	147.2	203.6	275.1
-67.5°	9.8	9.8	9.8	15.6	27.7	43.3	67.0	95.4	126.4	173.3	236.4
-70°	9.8	9.8	9.8	14.2	25.2	39.3	57.0	81.3	108.2	139.8	191.1
-72.5°	9.8	9.8	9.8	13.8	22.5	35.0	50.3	66.5	89.3	115.9	146.2
-75°	9.8	9.8	9.8	13.7	19.6	30.5	43.8	56.1	69.5	91.3	116.3
-77.5°	9.8	9.8	9.8	13.6	18.5	25.8	37.0	47.1	57.7	69.1	85.2
-80°	9.8	9.8	9.8	13.4	17.9	23.2	30.0	38.0	46.5	55.7	65.6
-82.5°	9.8	9.8	9.8	13.1	17.2	21.8	27.1	30.8	35.0	42.0	49.5
-85°	9.8	9.8	9.8	12.9	16.4	20.3	24.7	28.0	31.2	34.5	37.7
-87.5°	9.8	9.8	9.8	12.6	15.6	18.8	22.2	25.1	27.9	30.8	33.6
-90°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	7.3	4.9	2.4	0.0



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CATALOG NUMBER: GFLD-SA6D-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°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	32.0	34.4	36.9
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.9	2.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.5	5.2	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.6	2.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.1	0.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	2.8	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	5.6	6.0	4.0	1.6	0.0	0.5	1.4	1.0	0.0	0.5	1.2
67.5°	9.1	6.8	4.4	2.8	3.7	4.9	4.6	5.0	5.3	5.8	5.0
65°	9.5	7.2	7.4	8.6	9.6	10.6	11.5	12.1	10.2	8.8	9.0
62.5°	10.2	11.1	12.8	14.3	15.8	17.1	17.2	15.3	11.6	14.5	16.7
60°	14.6	16.1	18.2	20.1	22.1	23.1	22.1	22.3	24.8	28.8	55.2
57.5°	19.7	21.0	23.5	26.6	29.3	29.8	30.6	33.2	77.9	127.2	140.5
55°	24.8	25.9	30.1	34.9	37.8	37.5	53.9	113.6	171.5	237.6	262.0
52.5°	29.9	32.0	39.1	44.9	48.6	75.8	136.5	217.6	303.1	378.9	477.0
50°	35.0	42.1	49.4	58.0	92.4	163.2	252.1	362.8	491.5	612.8	737.1
47.5°	43.7	52.6	63.8	91.4	182.3	280.6	403.5	581.6	740.4	887.2	1057.4
45°	54.1	72.6	85.0	181.1	286.6	413.5	621.6	839.3	983.4	1179.8	1481.1
42.5°	64.7	100.6	162.4	273.6	402.2	606.7	864.8	1050.3	1242.0	1560.4	1877.2
40°	93.2	134.8	245.0	377.2	540.2	838.4	1103.3	1313.3	1575.2	1928.1	2258.9
37.5°	127.7	205.8	329.2	487.8	756.7	1083.5	1367.3	1667.3	1968.3	2301.1	2914.6
35°	166.0	271.7	436.0	649.9	973.4	1355.4	1693.7	2028.9	2375.8	3031.1	3639.9
32.5°	216.0	332.4	547.6	838.4	1207.6	1627.0	2019.6	2407.1	2963.5	3705.0	4316.0
30°	269.8	429.8	676.0	1012.8	1428.1	1875.6	2347.7	2816.9	3553.2	4166.9	4830.2
27.5°	326.0	532.7	826.6	1195.0	1634.6	2110.3	2643.1	3312.4	3969.2	4575.5	5304.4
25°	383.7	640.0	964.3	1369.3	1837.7	2364.0	2976.7	3792.0	4305.8	4975.8	5736.1
22.5°	458.0	742.6	1100.7	1527.3	2026.0	2624.5	3406.0	4224.8	4829.3	5392.9	6135.7
20°	543.8	858.0	1249.0	1725.2	2210.4	2879.1	3832.9	4694.0	5405.2	6050.5	6732.7
17.5°	624.0	966.0	1407.7	1927.4	2478.8	3205.4	4251.8	5204.8	5987.4	6706.5	7558.3
15°	698.2	1065.9	1563.1	2118.6	2742.6	3579.1	4627.4	5674.0	6567.7	7376.8	8344.7
12.5°	766.0	1157.1	1712.9	2297.6	2991.0	3901.3	4942.9	5964.4	6946.6	8001.0	9099.4
10°	827.1	1239.2	1854.3	2462.9	3221.4	4173.8	5203.5	6206.5	7197.5	8313.3	9533.7
7.5°	892.7	1315.9	1982.7	2613.1	3430.9	4398.9	5411.7	6400.8	7400.2	8563.0	9816.0
5°	953.3	1386.4	2084.7	2720.7	3592.8	4574.6	5568.3	6548.3	7554.1	8749.1	10029.7
2.5°	1006.5	1445.8	2167.7	2805.1	3712.9	4703.8	5670.1	6671.3	7668.3	8900.4	10192.9
0°	1051.7	1493.9	2231.1	2869.9	3803.6	4796.3	5730.0	6752.2	7735.1	9002.9	10300.3
-2.5°	1080.6	1572.8	2274.6	2983.0	3882.9	4856.9	5783.6	6774.9	7807.0	9035.4	10420.8
-5°	1100.9	1636.7	2300.9	3070.1	3934.8	4883.6	5801.3	6757.4	7826.1	9027.2	10438.6
-7.5°	1112.7	1681.8	2313.2	3119.7	3953.1	4867.6	5771.4	6724.1	7794.7	8996.3	10360.5
-10°	1119.5	1696.0	2329.8	3104.7	3929.1	4814.9	5704.9	6646.0	7705.5	8895.8	10212.2
-12.5°	1138.0	1686.9	2326.9	3071.7	3877.4	4735.3	5606.4	6522.3	7557.0	8724.3	10007.2
-15°	1142.6	1666.6	2299.0	3023.1	3798.4	4631.2	5477.3	6352.8	7373.8	8557.2	9780.5
-17.5°	1132.3	1636.1	2244.5	2961.0	3692.6	4505.0	5325.3	6200.1	7202.0	8364.6	9542.4
-20°	1106.0	1596.4	2162.3	2887.6	3567.0	4364.7	5173.1	6040.0	7004.4	8097.2	9276.0



REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1062.9	1548.5	2073.3	2785.3	3458.6	4203.7	4994.6	5821.8	6756.9	7750.5	8917.9
-25°	1018.4	1494.4	2003.2	2644.7	3328.1	4015.6	4789.6	5555.0	6466.1	7441.9	8477.8
-27.5°	976.3	1418.9	1930.3	2490.7	3174.5	3814.9	4557.9	5304.4	6139.0	7095.5	8049.2
-30°	921.1	1337.3	1841.3	2342.7	2990.9	3625.7	4299.4	5034.1	5784.5	6692.3	7630.6
-32.5°	872.4	1252.5	1740.0	2229.8	2793.5	3412.6	4020.7	4721.0	5453.4	6227.1	7154.4
-35°	839.8	1202.3	1632.7	2099.5	2592.1	3180.9	3759.3	4367.7	5077.0	5803.2	6617.3
-37.5°	813.4	1144.7	1519.7	1963.7	2432.6	2938.0	3479.3	4039.1	4658.1	5390.3	6155.7
-40°	771.9	1079.8	1436.0	1834.3	2248.0	2707.5	3210.0	3716.7	4253.3	4968.6	5723.8
-42.5°	718.7	1016.9	1357.0	1693.4	2071.4	2490.8	2937.5	3414.7	3930.4	4551.7	5245.9
-45°	677.8	936.6	1269.3	1570.6	1883.5	2267.1	2686.6	3118.8	3605.2	4138.6	4762.1
-47.5°	625.8	849.2	1154.6	1436.1	1711.8	2039.2	2422.9	2832.0	3262.8	3743.4	4254.4
-50°	570.2	776.2	1014.2	1288.3	1551.1	1823.5	2150.7	2529.1	2919.9	3338.8	3794.8
-52.5°	528.0	691.0	908.2	1136.3	1386.9	1633.9	1912.5	2236.9	2586.0	2936.0	3337.1
-55°	480.3	628.2	807.3	1011.8	1225.0	1453.7	1707.3	1991.5	2276.1	2597.7	2917.7
-57.5°	446.7	567.8	723.0	900.7	1092.3	1286.6	1526.0	1766.2	2029.7	2295.8	2561.3
-60°	420.5	515.7	644.4	800.9	971.6	1153.3	1349.7	1571.6	1798.4	2015.7	2245.2
-62.5°	390.5	473.3	573.9	701.5	855.8	1013.8	1186.8	1377.0	1582.1	1765.1	1943.0
-65°	351.6	423.6	509.9	613.8	735.0	868.6	1016.0	1176.3	1353.6	1502.0	1647.3
-67.5°	307.0	367.6	440.0	524.9	625.9	730.2	838.4	973.9	1117.9	1239.0	1357.4
-70°	250.9	307.0	366.1	435.3	514.6	602.9	698.2	796.5	895.1	994.0	1102.3
-72.5°	192.1	243.1	293.3	342.6	405.7	478.1	555.8	638.3	724.3	808.9	891.2
-75°	146.4	179.5	223.4	267.8	311.7	358.8	411.4	477.0	557.0	639.0	714.2
-77.5°	110.5	138.3	167.5	198.1	225.8	260.6	298.5	339.3	405.3	481.0	557.5
-80°	79.7	96.4	119.6	144.2	163.7	182.9	202.8	223.5	272.5	333.6	398.7
-82.5°	59.2	70.5	83.4	97.7	107.6	117.1	127.7	141.4	177.8	219.1	262.6
-85°	40.7	44.1	51.1	59.0	64.5	70.1	75.8	81.6	101.2	123.2	146.8
-87.5°	35.1	36.8	38.7	40.7	41.4	42.1	42.7	43.4	50.0	56.9	64.1
-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: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	39.3	41.8	44.2	46.7	49.1	51.6	54.1	56.5	59.0	59.0	59.0
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°	0.8	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4.5	5.0	5.1	4.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	10.3	9.9	7.3	4.8	2.3	3.7	6.0	7.1	7.2	6.4	4.9
62.5°	15.6	14.3	13.0	15.0	17.9	20.7	19.8	18.8	17.5	16.6	17.2
60°	58.2	38.8	44.8	56.3	52.6	36.0	59.2	67.0	57.1	39.1	37.7
57.5°	147.3	142.2	162.9	238.0	261.9	238.6	285.1	346.2	344.3	296.6	295.0
55°	313.9	421.1	550.6	571.5	661.6	842.2	982.8	921.2	920.8	967.1	1116.5
52.5°	596.2	697.4	735.1	835.7	1024.0	1160.7	1248.5	1339.4	1439.0	1540.6	1643.7
50°	875.0	973.2	1084.8	1187.8	1448.5	1588.7	1565.3	1753.6	1994.6	2145.1	2222.5
47.5°	1283.4	1438.2	1674.0	2043.5	2238.0	2378.7	2553.6	2766.9	3043.0	3417.5	3705.9
45°	1764.3	2007.8	2372.7	2765.1	3067.0	3204.6	3404.8	3735.1	4175.3	4603.9	4917.0
42.5°	2157.3	2491.4	2903.0	3278.0	3524.3	3750.2	4009.4	4287.9	4792.1	5250.0	5611.8
40°	2670.3	2930.5	3392.3	3745.8	3966.2	4190.2	4600.9	5017.8	5492.0	5918.5	6214.9
37.5°	3320.4	3613.4	4093.6	4493.4	4705.7	4784.8	5483.2	6063.6	6448.9	6993.4	7171.5
35°	4018.9	4501.0	5113.0	5631.3	5839.4	6254.8	6974.3	7784.0	8661.4	8984.1	9259.2
32.5°	4798.1	5392.9	6223.2	6779.5	7076.5	7706.9	8617.4	9481.8	10629.1	11251.7	11437.8
30°	5511.0	6193.4	6907.2	7447.9	7955.6	8714.8	9545.2	10610.9	11671.8	12467.9	12715.1
27.5°	6034.1	6789.2	7475.4	7981.8	8554.7	9373.2	10408.6	11487.9	12529.2	13341.4	13630.0
25°	6533.4	7387.1	7930.4	8519.1	9191.8	10083.8	11231.2	12430.3	13456.0	14142.5	14496.4
22.5°	7101.4	7943.1	8526.3	9025.0	9904.6	10932.5	11997.4	13352.5	14439.2	14986.9	15370.6
20°	7687.6	8640.0	9540.8	10004.8	10765.8	12067.2	13259.5	14538.7	15588.0	16158.9	16563.1
17.5°	8505.6	9719.2	10824.1	11481.0	12296.0	13852.2	15339.8	16633.9	18093.6	18609.2	19103.2
15°	9368.1	10772.7	12067.1	13107.8	14160.5	15702.3	17617.3	19179.0	20844.6	21588.5	22429.4
12.5°	10227.9	11557.1	12729.7	14072.2	15556.0	16919.9	18743.0	20687.6	22199.1	23147.7	23713.9
10°	10870.6	12105.0	13233.5	14579.2	16060.2	17603.0	19414.6	21408.0	22990.2	23799.7	24261.8
7.5°	11217.5	12399.1	13589.3	14953.0	16427.3	18070.4	19937.1	21914.7	23532.6	24316.9	24773.1
5°	11475.2	12609.9	13842.4	15277.9	16768.6	18434.7	20298.7	22252.8	23728.0	24561.5	25138.5
2.5°	11631.1	12743.6	14003.7	15487.9	16982.2	18717.5	20671.6	22697.2	23987.9	24658.4	25189.1
0°	11676.3	12796.7	14094.1	15597.9	17131.1	18880.6	20816.8	22821.8	24129.0	24777.7	25318.3
-2.5°	11727.2	12880.8	14213.8	15669.2	17189.5	18933.9	20910.4	22864.1	24040.0	24694.5	25208.7
-5°	11691.7	12887.3	14216.2	15610.2	17140.5	18871.1	20768.4	22595.2	23825.3	24532.9	25044.3
-7.5°	11585.9	12798.5	14113.7	15453.4	16954.5	18704.8	20594.1	22353.2	23599.3	24345.5	24905.0
-10°	11432.0	12609.2	13933.5	15290.2	16773.4	18439.4	20299.7	22048.3	23240.9	24033.2	24685.3
-12.5°	11261.3	12414.2	13690.6	14992.0	16458.9	18104.3	19906.7	21561.9	22747.5	23611.8	24077.7
-15°	11008.5	12160.7	13380.9	14639.8	16069.5	17665.8	19387.6	20975.6	22139.8	22843.1	23358.0
-17.5°	10686.9	11817.4	12974.3	14168.3	15515.2	17087.3	18819.6	20385.7	21334.8	21962.9	22469.0
-20°	10342.4	11387.8	12483.9	13610.6	14916.1	16473.5	18174.7	19540.8	20435.2	21038.7	21516.6



REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	9949.0	10955.7	11959.0	13036.1	14316.2	15744.0	17246.7	18566.8	19528.5	20078.1	20519.8
-25°	9499.9	10479.2	11431.9	12472.2	13648.7	14932.1	16329.3	17626.6	18487.9	19071.8	19509.7
-27.5°	9016.2	9936.3	10866.9	11801.1	12858.8	14137.5	15431.5	16636.7	17371.9	17960.3	18401.0
-30°	8533.5	9361.0	10222.1	11106.4	12099.1	13252.1	14462.4	15475.8	16251.2	16823.0	17232.0
-32.5°	8010.2	8795.6	9558.4	10385.0	11319.6	12335.8	13397.9	14361.9	15190.5	15714.2	16058.9
-35°	7474.4	8234.6	8932.8	9683.0	10507.5	11384.4	12364.9	13315.6	14133.8	14548.1	14884.1
-37.5°	6916.2	7674.2	8336.2	8962.9	9673.1	10485.2	11440.2	12347.4	13054.2	13410.4	13713.2
-40°	6430.9	7098.2	7694.0	8293.8	8871.2	9592.3	10483.5	11361.8	11929.0	12276.1	12557.4
-42.5°	5959.7	6522.6	7010.6	7548.2	8126.1	8837.0	9556.1	10292.5	10748.4	11133.7	11429.9
-45°	5411.0	5914.2	6371.7	6818.8	7345.8	7994.9	8648.1	9237.9	9664.9	10037.3	10325.9
-47.5°	4804.1	5289.9	5734.1	6133.9	6623.8	7165.1	7715.1	8205.9	8627.5	8995.5	9252.9
-50°	4238.4	4672.4	5106.2	5510.8	5935.3	6373.3	6819.4	7250.3	7650.4	8008.0	8227.1
-52.5°	3731.6	4132.1	4511.3	4865.0	5236.5	5606.5	5976.0	6370.5	6738.8	7077.2	7252.2
-55°	3273.2	3634.3	3976.4	4274.4	4572.4	4865.9	5182.6	5546.9	5886.0	6199.5	6325.1
-57.5°	2861.7	3170.7	3473.5	3725.5	3968.8	4202.3	4480.3	4787.8	5084.6	5353.2	5455.9
-60°	2483.1	2728.3	2981.5	3205.1	3417.1	3617.3	3859.8	4107.4	4348.1	4550.7	4638.2
-62.5°	2134.9	2344.7	2536.5	2718.2	2897.8	3078.1	3273.7	3470.2	3664.6	3820.6	3899.6
-65°	1799.2	1966.2	2120.3	2269.7	2414.8	2566.1	2719.4	2868.6	3012.5	3124.0	3192.5
-67.5°	1484.0	1611.0	1733.3	1849.7	1971.1	2093.8	2213.6	2328.0	2436.1	2522.3	2587.7
-70°	1204.7	1302.9	1398.7	1495.1	1596.3	1691.7	1782.0	1867.5	1948.0	2010.1	2060.5
-72.5°	971.1	1050.8	1133.4	1220.3	1302.1	1373.4	1438.3	1500.8	1560.7	1595.8	1622.0
-75°	782.9	850.0	921.9	992.1	1060.5	1114.7	1162.3	1208.5	1252.8	1255.1	1246.3
-77.5°	632.5	692.4	748.1	803.3	857.8	891.2	920.4	950.5	980.8	963.2	935.5
-80°	464.2	514.1	561.4	608.9	656.4	676.1	690.0	701.9	712.0	689.1	660.7
-82.5°	308.1	339.6	370.3	401.6	433.3	445.9	455.3	463.1	469.3	448.5	424.6
-85°	171.9	187.0	201.9	216.9	231.9	240.8	248.8	256.3	263.1	250.7	236.7
-87.5°	71.4	74.9	78.3	81.6	84.8	87.9	91.0	94.0	96.9	97.4	97.7
-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: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	56.5
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°	2.9	0.5	0.0	0.0	0.0	0.5	2.9	4.9	6.4	7.2	7.1
62.5°	18.0	18.8	19.5	19.7	19.5	18.8	18.0	17.2	16.6	17.5	18.8
60°	34.7	30.4	29.4	29.5	29.4	30.4	34.7	37.7	39.1	57.1	67.0
57.5°	272.5	233.3	239.2	265.4	239.2	233.3	272.5	295.0	296.6	344.3	346.2
55°	1273.3	1421.3	1473.7	1444.8	1473.7	1421.3	1273.3	1116.5	967.1	920.8	921.2
52.5°	1725.1	1785.9	1809.3	1808.4	1809.3	1785.9	1725.1	1643.7	1540.6	1439.0	1339.4
50°	2245.9	2225.3	2193.7	2162.3	2193.7	2225.3	2245.9	2222.5	2145.1	1994.6	1753.6
47.5°	3748.1	3683.2	3655.8	3705.4	3655.8	3683.2	3748.1	3705.9	3417.5	3043.0	2766.9
45°	4980.8	5056.9	5113.7	5110.8	5113.7	5056.9	4980.8	4917.0	4603.9	4175.3	3735.1
42.5°	5682.7	5723.2	5734.9	5720.2	5734.9	5723.2	5682.7	5611.8	5250.0	4792.1	4287.9
40°	6308.1	6356.5	6383.7	6408.2	6383.7	6356.5	6308.1	6214.9	5918.5	5492.0	5017.8
37.5°	7230.3	7248.0	7209.4	7184.7	7209.4	7248.0	7230.3	7171.5	6993.4	6448.9	6063.6
35°	9491.1	9537.5	9430.3	9543.5	9430.3	9537.5	9491.1	9259.2	8984.1	8661.4	7784.0
32.5°	11659.4	11876.4	12051.9	12197.2	12051.9	11876.4	11659.4	11437.8	11251.7	10629.1	9481.8
30°	12887.7	13027.6	13102.8	13121.1	13102.8	13027.6	12887.7	12715.1	12467.9	11671.8	10610.9
27.5°	13789.5	13936.2	14027.6	14094.1	14027.6	13936.2	13789.5	13630.0	13341.4	12529.2	11487.9
25°	14658.6	14792.8	14884.2	14919.7	14884.2	14792.8	14658.6	14496.4	14142.5	13456.0	12430.3
22.5°	15560.5	15653.8	15741.5	15784.6	15741.5	15653.8	15560.5	15370.6	14986.9	14439.2	13352.5
20°	16853.4	16802.8	16882.8	16855.9	16882.8	16802.8	16853.4	16563.1	16158.9	15588.0	14538.7
17.5°	19488.3	19515.7	19569.1	19657.1	19569.1	19515.7	19488.3	19103.2	18609.2	18093.6	16633.9
15°	22801.9	22868.6	23207.5	23509.8	23207.5	22868.6	22801.9	22429.4	21588.5	20844.6	19179.0
12.5°	24239.3	24470.0	24505.8	24591.0	24505.8	24470.0	24239.3	23713.9	23147.7	22199.1	20687.6
10°	24718.9	25118.5	25109.9	25210.2	25109.9	25118.5	24718.9	24261.8	23799.7	22990.2	21408.0
7.5°	25082.8	25511.9	25693.3	25770.4	25693.3	25511.9	25082.8	24773.1	24316.9	23532.6	21914.7
5°	25527.2	25763.2	26076.1	25986.6	26076.1	25763.2	25527.2	25138.5	24561.5	23728.0	22252.8
2.5°	25713.5	26083.1	25997.7	26084.9	25997.7	26083.1	25713.5	25189.1	24658.4	23987.9	22697.2
0°	25839.2	26104.6	26143.9	26232.3	26143.9	26104.6	25839.2	25318.3	24777.7	24129.0	22821.8
-2.5°	25686.8	25920.3	26329.3	26202.9	26329.3	25920.3	25686.8	25208.7	24694.5	24040.0	22864.1
-5°	25553.2	26127.9	25904.7	26183.2	25904.7	26127.9	25553.2	25044.3	24532.9	23825.3	22595.2
-7.5°	25484.1	25587.0	25735.1	25947.3	25735.1	25587.0	25484.1	24905.0	24345.5	23599.3	22353.2
-10°	24950.7	25055.8	25328.1	25475.5	25328.1	25055.8	24950.7	24685.3	24033.2	23240.9	22048.3
-12.5°	24372.1	24575.7	24861.6	24954.6	24861.6	24575.7	24372.1	24077.7	23611.8	22747.5	21561.9
-15°	23705.7	24008.0	24286.7	24345.3	24286.7	24008.0	23705.7	23358.0	22843.1	22139.8	20975.6
-17.5°	22858.2	23220.8	23513.6	23578.6	23513.6	23220.8	22858.2	22469.0	21962.9	21334.8	20385.7
-20°	21924.4	22271.7	22520.7	22595.8	22520.7	22271.7	21924.4	21516.6	21038.7	20435.2	19540.8



REPORT NUMBER: P627960 (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°	20924.6	21237.3	21447.8	21416.4	21447.8	21237.3	20924.6	20519.8	20078.1	19528.5	18566.8
-25°	19863.1	20153.3	20353.9	20325.4	20353.9	20153.3	19863.1	19509.7	19071.8	18487.9	17626.6
-27.5°	18741.0	19015.9	19208.6	19214.8	19208.6	19015.9	18741.0	18401.0	17960.3	17371.9	16636.7
-30°	17561.8	17811.5	17968.0	17907.6	17968.0	17811.5	17561.8	17232.0	16823.0	16251.2	15475.8
-32.5°	16345.6	16571.4	16714.9	16757.6	16714.9	16571.4	16345.6	16058.9	15714.2	15190.5	14361.9
-35°	15146.0	15345.0	15469.0	15499.6	15469.0	15345.0	15146.0	14884.1	14548.1	14133.8	13315.6
-37.5°	13954.1	14125.4	14211.9	14172.7	14211.9	14125.4	13954.1	13713.2	13410.4	13054.2	12347.4
-40°	12776.3	12939.3	13038.5	13062.1	13038.5	12939.3	12776.3	12557.4	12276.1	11929.0	11361.8
-42.5°	11618.2	11753.8	11840.8	11882.7	11840.8	11753.8	11618.2	11429.9	11133.7	10748.4	10292.5
-45°	10494.3	10615.6	10697.3	10742.6	10697.3	10615.6	10494.3	10325.9	10037.3	9664.9	9237.9
-47.5°	9400.8	9507.1	9577.6	9612.3	9577.6	9507.1	9400.8	9252.9	8995.5	8627.5	8205.9
-50°	8355.3	8447.3	8513.0	8550.8	8513.0	8447.3	8355.3	8227.1	8008.0	7650.4	7250.3
-52.5°	7363.6	7444.0	7500.1	7528.7	7500.1	7444.0	7363.6	7252.2	7077.2	6738.8	6370.5
-55°	6416.7	6482.0	6533.7	6565.5	6533.7	6482.0	6416.7	6325.1	6199.5	5886.0	5546.9
-57.5°	5533.7	5587.0	5636.1	5671.1	5636.1	5587.0	5533.7	5455.9	5353.2	5084.6	4787.8
-60°	4707.2	4757.5	4799.2	4825.8	4799.2	4757.5	4707.2	4638.2	4550.7	4348.1	4107.4
-62.5°	3961.3	4005.8	4044.1	4069.0	4044.1	4005.8	3961.3	3899.6	3820.6	3664.6	3470.2
-65°	3246.3	3286.2	3314.8	3331.9	3314.8	3286.2	3246.3	3192.5	3124.0	3012.5	2868.6
-67.5°	2643.6	2689.6	2698.7	2693.0	2698.7	2689.6	2643.6	2587.7	2522.3	2436.1	2328.0
-70°	2105.6	2144.6	2153.7	2152.4	2153.7	2144.6	2105.6	2060.5	2010.1	1948.0	1867.5
-72.5°	1646.4	1667.6	1649.6	1621.7	1649.6	1667.6	1646.4	1622.0	1595.8	1560.7	1500.8
-75°	1235.4	1221.9	1202.8	1179.4	1202.8	1221.9	1235.4	1246.3	1255.1	1252.8	1208.5
-77.5°	904.8	871.3	849.4	825.6	849.4	871.3	904.8	935.5	963.2	980.8	950.5
-80°	630.0	597.2	574.5	550.4	574.5	597.2	630.0	660.7	689.1	712.0	701.9
-82.5°	399.1	372.1	358.4	344.0	358.4	372.1	399.1	424.6	448.5	469.3	463.1
-85°	221.6	205.7	196.4	186.7	196.4	205.7	221.6	236.7	250.7	263.1	256.3
-87.5°	98.0	98.2	93.4	88.5	93.4	98.2	98.0	97.7	97.4	96.9	94.0
-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°	54.1	51.6	49.1	46.7	44.2	41.8	39.3	36.9	34.4	32.0	29.5
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	0.3	0.3	0.0	0.0	0.8	1.2	0.5	0.0	1.0
67.5°	0.0	0.0	1.7	4.0	5.1	5.0	4.5	5.0	5.8	5.3	5.0
65°	6.0	3.7	2.3	4.8	7.3	9.9	10.3	9.0	8.8	10.2	12.1
62.5°	19.8	20.7	17.9	15.0	13.0	14.3	15.6	16.7	14.5	11.6	15.3
60°	59.2	36.0	52.6	56.3	44.8	38.8	58.2	55.2	28.8	24.8	22.3
57.5°	285.1	238.6	261.9	238.0	162.9	142.2	147.3	140.5	127.2	77.9	33.2
55°	982.8	842.2	661.6	571.5	550.6	421.1	313.9	262.0	237.6	171.5	113.6
52.5°	1248.5	1160.7	1024.0	835.7	735.1	697.4	596.2	477.0	378.9	303.1	217.6
50°	1565.3	1588.7	1448.5	1187.8	1084.8	973.2	875.0	737.1	612.8	491.5	362.8
47.5°	2553.6	2378.7	2238.0	2043.5	1674.0	1438.2	1283.4	1057.4	887.2	740.4	581.6
45°	3404.8	3204.6	3067.0	2765.1	2372.7	2007.8	1764.3	1481.1	1179.8	983.4	839.3
42.5°	4009.4	3750.2	3524.3	3278.0	2903.0	2491.4	2157.3	1877.2	1560.4	1242.0	1050.3
40°	4600.9	4190.2	3966.2	3745.8	3392.3	2930.5	2670.3	2258.9	1928.1	1575.2	1313.3
37.5°	5483.2	4784.8	4705.7	4493.4	4093.6	3613.4	3320.4	2914.6	2301.1	1968.3	1667.3
35°	6974.3	6254.8	5839.4	5631.3	5113.0	4501.0	4018.9	3639.9	3031.1	2375.8	2028.9
32.5°	8617.4	7706.9	7076.5	6779.5	6223.2	5392.9	4798.1	4316.0	3705.0	2963.5	2407.1
30°	9545.2	8714.8	7955.6	7447.9	6907.2	6193.4	5511.0	4830.2	4166.9	3553.2	2816.9
27.5°	10408.6	9373.2	8554.7	7981.8	7475.4	6789.2	6034.1	5304.4	4575.5	3969.2	3312.4
25°	11231.2	10083.8	9191.8	8519.1	7930.4	7387.1	6533.4	5736.1	4975.8	4305.8	3792.0
22.5°	11997.4	10932.5	9904.6	9025.0	8526.3	7943.1	7101.4	6135.7	5392.9	4829.3	4224.8
20°	13259.5	12067.2	10765.8	10004.8	9540.8	8640.0	7687.6	6732.7	6050.5	5405.2	4694.0
17.5°	15339.8	13852.2	12296.0	11481.0	10824.1	9719.2	8505.6	7558.3	6706.5	5987.4	5204.8
15°	17617.3	15702.3	14160.5	13107.8	12067.1	10772.7	9368.1	8344.7	7376.8	6567.7	5674.0
12.5°	18743.0	16919.9	15556.0	14072.2	12729.7	11557.1	10227.9	9099.4	8001.0	6946.6	5964.4
10°	19414.6	17603.0	16060.2	14579.2	13233.5	12105.0	10870.6	9533.7	8313.3	7197.5	6206.5
7.5°	19937.1	18070.4	16427.3	14953.0	13589.3	12399.1	11217.5	9816.0	8563.0	7400.2	6400.8
5°	20298.7	18434.7	16768.6	15277.9	13842.4	12609.9	11475.2	10029.7	8749.1	7554.1	6548.3
2.5°	20671.6	18717.5	16982.2	15487.9	14003.7	12743.6	11631.1	10192.9	8900.4	7668.3	6671.3
0°	20816.8	18880.6	17131.1	15597.9	14094.1	12796.7	11676.3	10300.3	9002.9	7735.1	6752.2
-2.5°	20910.4	18933.9	17189.5	15669.2	14213.8	12880.8	11727.2	10420.8	9035.4	7807.0	6774.9
-5°	20768.4	18871.1	17140.5	15610.2	14216.2	12887.3	11691.7	10438.6	9027.2	7826.1	6757.4
-7.5°	20594.1	18704.8	16954.5	15453.4	14113.7	12798.5	11585.9	10360.5	8996.3	7794.7	6724.1
-10°	20299.7	18439.4	16773.4	15290.2	13933.5	12609.2	11432.0	10212.2	8895.8	7705.5	6646.0
-12.5°	19906.7	18104.3	16458.9	14992.0	13690.6	12414.2	11261.3	10007.2	8724.3	7557.0	6522.3
-15°	19387.6	17665.8	16069.5	14639.8	13380.9	12160.7	11008.5	9780.5	8557.2	7373.8	6352.8
-17.5°	18819.6	17087.3	15515.2	14168.3	12974.3	11817.4	10686.9	9542.4	8364.6	7202.0	6200.1
-20°	18174.7	16473.5	14916.1	13610.6	12483.9	11387.8	10342.4	9276.0	8097.2	7004.4	6040.0



REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	17246.7	15744.0	14316.2	13036.1	11959.0	10955.7	9949.0	8917.9	7750.5	6756.9	5821.8
-25°	16329.3	14932.1	13648.7	12472.2	11431.9	10479.2	9499.9	8477.8	7441.9	6466.1	5555.0
-27.5°	15431.5	14137.5	12858.8	11801.1	10866.9	9936.3	9016.2	8049.2	7095.5	6139.0	5304.4
-30°	14462.4	13252.1	12099.1	11106.4	10222.1	9361.0	8533.5	7630.6	6692.3	5784.5	5034.1
-32.5°	13397.9	12335.8	11319.6	10385.0	9558.4	8795.6	8010.2	7154.4	6227.1	5453.4	4721.0
-35°	12364.9	11384.4	10507.5	9683.0	8932.8	8234.6	7474.4	6617.3	5803.2	5077.0	4367.7
-37.5°	11440.2	10485.2	9673.1	8962.9	8336.2	7674.2	6916.2	6155.7	5390.3	4658.1	4039.1
-40°	10483.5	9592.3	8871.2	8293.8	7694.0	7098.2	6430.9	5723.8	4968.6	4253.3	3716.7
-42.5°	9556.1	8837.0	8126.1	7548.2	7010.6	6522.6	5959.7	5245.9	4551.7	3930.4	3414.7
-45°	8648.1	7994.9	7345.8	6818.8	6371.7	5914.2	5411.0	4762.1	4138.6	3605.2	3118.8
-47.5°	7715.1	7165.1	6623.8	6133.9	5734.1	5289.9	4804.1	4254.4	3743.4	3262.8	2832.0
-50°	6819.4	6373.3	5935.3	5510.8	5106.2	4672.4	4238.4	3794.8	3338.8	2919.9	2529.1
-52.5°	5976.0	5606.5	5236.5	4865.0	4511.3	4132.1	3731.6	3337.1	2936.0	2586.0	2236.9
-55°	5182.6	4865.9	4572.4	4274.4	3976.4	3634.3	3273.2	2917.7	2597.7	2276.1	1991.5
-57.5°	4480.3	4202.3	3968.8	3725.5	3473.5	3170.7	2861.7	2561.3	2295.8	2029.7	1766.2
-60°	3859.8	3617.3	3417.1	3205.1	2981.5	2728.3	2483.1	2245.2	2015.7	1798.4	1571.6
-62.5°	3273.7	3078.1	2897.8	2718.2	2536.5	2344.7	2134.9	1943.0	1765.1	1582.1	1377.0
-65°	2719.4	2566.1	2414.8	2269.7	2120.3	1966.2	1799.2	1647.3	1502.0	1353.6	1176.3
-67.5°	2213.6	2093.8	1971.1	1849.7	1733.3	1611.0	1484.0	1357.4	1239.0	1117.9	973.9
-70°	1782.0	1691.7	1596.3	1495.1	1398.7	1302.9	1204.7	1102.3	994.0	895.1	796.5
-72.5°	1438.3	1373.4	1302.1	1220.3	1133.4	1050.8	971.1	891.2	808.9	724.3	638.3
-75°	1162.3	1114.7	1060.5	992.1	921.9	850.0	782.9	714.2	639.0	557.0	477.0
-77.5°	920.4	891.2	857.8	803.3	748.1	692.4	632.5	557.5	481.0	405.3	339.3
-80°	690.0	676.1	656.4	608.9	561.4	514.1	464.2	398.7	333.6	272.5	223.5
-82.5°	455.3	445.9	433.3	401.6	370.3	339.6	308.1	262.6	219.1	177.8	141.4
-85°	248.8	240.8	231.9	216.9	201.9	187.0	171.9	146.8	123.2	101.2	81.6
-87.5°	91.0	87.9	84.8	81.6	78.3	74.9	71.4	64.1	56.9	50.0	43.4
-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: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	27.1	24.6	22.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.2	5.2
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	1.6	3.0
82.5°	0.0	0.0	0.0	0.2	1.6	2.5	2.9	2.6	1.4	0.2	0.8
80°	0.0	0.0	0.0	0.3	2.4	5.2	6.5	6.7	5.1	3.5	1.9
77.5°	0.0	0.0	0.0	0.1	1.0	2.8	5.6	8.9	8.8	6.8	4.8
75°	0.0	0.0	0.0	0.4	0.7	0.1	2.1	5.2	8.0	9.7	7.7
72.5°	0.0	0.0	0.0	1.2	2.6	2.8	1.6	1.7	5.7	8.3	9.7
70°	1.4	0.5	0.0	1.6	4.0	6.0	5.6	4.5	3.7	7.2	9.3
67.5°	4.6	4.9	3.7	2.8	4.4	6.8	9.1	8.8	7.6	6.4	9.0
65°	11.5	10.6	9.6	8.6	7.4	7.2	9.5	12.1	11.5	9.8	8.9
62.5°	17.2	17.1	15.8	14.3	12.8	11.1	10.2	13.5	14.9	13.2	11.1
60°	22.1	23.1	22.1	20.1	18.2	16.1	14.6	15.4	17.1	16.6	14.1
57.5°	30.6	29.8	29.3	26.6	23.5	21.0	19.7	19.2	19.7	19.5	17.0
55°	53.9	37.5	37.8	34.9	30.1	25.9	24.8	23.9	22.8	22.4	19.9
52.5°	136.5	75.8	48.6	44.9	39.1	32.0	29.9	28.5	27.0	25.6	22.8
50°	252.1	163.2	92.4	58.0	49.4	42.1	35.0	33.2	31.2	29.1	25.6
47.5°	403.5	280.6	182.3	91.4	63.8	52.6	43.7	37.7	35.3	32.8	28.3
45°	621.6	413.5	286.6	181.1	85.0	72.6	54.1	42.3	39.4	36.3	31.0
42.5°	864.8	606.7	402.2	273.6	162.4	100.6	64.7	51.3	43.5	39.9	34.0
40°	1103.3	838.4	540.2	377.2	245.0	134.8	93.2	61.3	47.6	43.8	37.3
37.5°	1367.3	1083.5	756.7	487.8	329.2	205.8	127.7	71.4	54.1	47.9	40.8
35°	1693.7	1355.4	973.4	649.9	436.0	271.7	166.0	90.9	66.5	52.2	44.4
32.5°	2019.6	1627.0	1207.6	838.4	547.6	332.4	216.0	129.7	81.0	56.7	48.0
30°	2347.7	1875.6	1428.1	1012.8	676.0	429.8	269.8	167.5	97.6	61.4	51.8
27.5°	2643.1	2110.3	1634.6	1195.0	826.6	532.7	326.0	204.0	116.0	69.5	55.6
25°	2976.7	2364.0	1837.7	1369.3	964.3	640.0	383.7	239.8	142.9	83.7	59.5
22.5°	3406.0	2624.5	2026.0	1527.3	1100.7	742.6	458.0	287.1	172.4	98.7	63.3
20°	3832.9	2879.1	2210.4	1725.2	1249.0	858.0	543.8	334.1	200.5	114.3	67.2
17.5°	4251.8	3205.4	2478.8	1927.4	1407.7	966.0	624.0	380.3	227.0	130.1	71.0
15°	4627.4	3579.1	2742.6	2118.6	1563.1	1065.9	698.2	425.2	251.7	146.0	75.9
12.5°	4942.9	3901.3	2991.0	2297.6	1712.9	1157.1	766.0	468.3	274.7	163.7	82.8
10°	5203.5	4173.8	3221.4	2462.9	1854.3	1239.2	827.1	511.4	301.5	182.5	89.9
7.5°	5411.7	4398.9	3430.9	2613.1	1982.7	1315.9	892.7	556.7	327.4	200.3	97.2
5°	5568.3	4574.6	3592.8	2720.7	2084.7	1386.4	953.3	598.4	351.5	217.0	104.4
2.5°	5670.1	4703.8	3712.9	2805.1	2167.7	1445.8	1006.5	635.8	373.5	232.2	111.4
0°	5730.0	4796.3	3803.6	2869.9	2231.1	1493.9	1051.7	668.3	393.1	245.7	117.9
-2.5°	5783.6	4856.9	3882.9	2983.0	2274.6	1572.8	1080.6	697.6	424.1	255.4	129.9
-5°	5801.3	4883.6	3934.8	3070.1	2300.9	1636.7	1100.9	721.5	451.4	263.3	140.9
-7.5°	5771.4	4867.6	3953.1	3119.7	2313.2	1681.8	1112.7	740.3	473.6	269.4	150.5
-10°	5704.9	4814.9	3929.1	3104.7	2329.8	1696.0	1119.5	754.0	489.6	274.0	158.5
-12.5°	5606.4	4735.3	3877.4	3071.7	2326.9	1686.9	1138.0	764.8	498.1	277.1	164.4
-15°	5477.3	4631.2	3798.4	3023.1	2299.0	1666.6	1142.6	768.7	497.2	282.9	168.0
-17.5°	5325.3	4505.0	3692.6	2961.0	2244.5	1636.1	1132.3	763.9	492.1	291.3	171.6
-20°	5173.1	4364.7	3567.0	2887.6	2162.3	1596.4	1106.0	749.9	483.1	296.9	175.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	4994.6	4203.7	3458.6	2785.3	2073.3	1548.5	1062.9	726.1	470.2	299.3	176.6
-25°	4789.6	4015.6	3328.1	2644.7	2003.2	1494.4	1018.4	692.1	453.5	298.4	176.1
-27.5°	4557.9	3814.9	3174.5	2490.7	1930.3	1418.9	976.3	667.2	439.3	294.2	173.4
-30°	4299.4	3625.7	2990.9	2342.7	1841.3	1337.3	921.1	639.3	432.9	288.7	168.6
-32.5°	4020.7	3412.6	2793.5	2229.8	1740.0	1252.5	872.4	607.8	422.1	281.7	168.9
-35°	3759.3	3180.9	2592.1	2099.5	1632.7	1202.3	839.8	572.8	406.9	271.9	169.8
-37.5°	3479.3	2938.0	2432.6	1963.7	1519.7	1144.7	813.4	557.1	387.1	259.3	169.2
-40°	3210.0	2707.5	2248.0	1834.3	1436.0	1079.8	771.9	539.6	368.2	244.0	166.9
-42.5°	2937.5	2490.8	2071.4	1693.4	1357.0	1016.9	718.7	512.9	353.0	235.3	163.1
-45°	2686.6	2267.1	1883.5	1570.6	1269.3	936.6	677.8	479.3	334.2	228.9	159.6
-47.5°	2422.9	2039.2	1711.8	1436.1	1154.6	849.2	625.8	452.8	311.7	220.7	157.3
-50°	2150.7	1823.5	1551.1	1288.3	1014.2	776.2	570.2	421.2	303.6	214.2	153.4
-52.5°	1912.5	1633.9	1386.9	1136.3	908.2	691.0	528.0	387.4	292.9	208.7	148.0
-55°	1707.3	1453.7	1225.0	1011.8	807.3	628.2	480.3	371.2	279.6	201.8	141.3
-57.5°	1526.0	1286.6	1092.3	900.7	723.0	567.8	446.7	352.1	265.6	192.3	135.4
-60°	1349.7	1153.3	971.6	800.9	644.4	515.7	420.5	330.0	249.0	180.3	128.7
-62.5°	1186.8	1013.8	855.8	701.5	573.9	473.3	390.5	304.3	229.4	165.3	119.9
-65°	1016.0	868.6	735.0	613.8	509.9	423.6	351.6	275.1	203.6	147.2	108.6
-67.5°	838.4	730.2	625.9	524.9	440.0	367.6	307.0	236.4	173.3	126.4	95.4
-70°	698.2	602.9	514.6	435.3	366.1	307.0	250.9	191.1	139.8	108.2	81.3
-72.5°	555.8	478.1	405.7	342.6	293.3	243.1	192.1	146.2	115.9	89.3	66.5
-75°	411.4	358.8	311.7	267.8	223.4	179.5	146.4	116.3	91.3	69.5	56.1
-77.5°	298.5	260.6	225.8	198.1	167.5	138.3	110.5	85.2	69.1	57.7	47.1
-80°	202.8	182.9	163.7	144.2	119.6	96.4	79.7	65.6	55.7	46.5	38.0
-82.5°	127.7	117.1	107.6	97.7	83.4	70.5	59.2	49.5	42.0	35.0	30.8
-85°	75.8	70.1	64.5	59.0	51.1	44.1	40.7	37.7	34.5	31.2	28.0
-87.5°	42.7	42.1	41.4	40.7	38.7	36.8	35.1	33.6	30.8	27.9	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9	7.3

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REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	19.7	17.2	14.8	12.3	9.8	9.8	9.8
87.5°	7.3	8.2	9.0	9.5	9.8	9.8	9.8
85°	4.8	6.6	8.1	9.2	9.8	9.8	9.8
82.5°	2.3	5.1	7.3	8.9	9.8	9.8	9.8
80°	0.5	3.6	6.5	8.6	9.8	9.8	9.8
77.5°	3.0	3.3	5.8	8.3	9.8	9.8	9.8
75°	5.5	4.8	5.4	8.1	9.8	9.8	9.8
72.5°	7.8	6.4	6.2	7.9	9.8	9.8	9.8
70°	9.8	7.8	7.0	7.8	9.8	9.8	9.8
67.5°	10.1	9.2	7.8	8.2	9.8	9.8	9.8
65°	10.5	10.2	8.5	8.5	9.8	9.8	9.8
62.5°	11.0	10.9	9.2	8.8	9.8	9.8	9.8
60°	11.7	11.8	9.8	9.1	9.8	9.8	9.8
57.5°	14.0	12.7	10.7	9.3	9.9	9.8	9.8
55°	16.5	13.8	11.7	9.5	10.1	9.8	9.8
52.5°	18.9	15.1	12.8	9.6	10.2	9.8	9.8
50°	21.4	17.1	13.9	9.7	10.5	9.8	9.8
47.5°	23.7	19.0	15.0	10.0	10.7	9.8	9.8
45°	26.0	21.0	16.2	10.9	11.0	9.8	9.8
42.5°	28.3	22.8	17.5	11.9	11.3	9.8	9.8
40°	30.5	24.7	18.8	13.0	11.7	9.8	9.8
37.5°	32.6	26.4	20.2	14.4	12.1	9.8	9.8
35°	34.6	28.1	21.6	15.6	12.5	9.8	9.8
32.5°	36.9	29.8	22.9	16.9	12.9	9.8	9.8
30°	39.8	31.4	24.2	18.1	13.4	9.8	9.8
27.5°	42.7	32.9	25.7	19.3	13.9	9.8	9.8
25°	45.7	34.3	27.2	20.5	14.4	9.8	9.8
22.5°	48.5	35.8	28.7	21.6	15.0	9.8	9.8
20°	51.3	37.6	30.1	22.7	15.5	9.8	9.8
17.5°	54.2	39.3	31.5	23.7	16.1	9.8	9.8
15°	56.9	41.0	32.8	24.7	16.6	9.8	9.8
12.5°	59.4	42.5	34.1	25.6	17.2	9.8	9.8
10°	61.7	44.0	35.3	26.5	17.7	9.8	9.8
7.5°	63.8	45.4	36.4	27.3	18.3	9.8	9.8
5°	65.7	46.7	37.4	28.1	18.8	9.8	9.8
2.5°	67.4	48.0	38.4	28.8	19.2	9.8	9.8
0°	68.8	49.1	39.3	29.5	19.7	9.8	9.8
-2.5°	72.6	50.1	40.1	29.5	19.7	9.8	9.8
-5°	76.1	51.1	40.8	29.4	19.6	9.8	9.8
-7.5°	79.2	52.0	41.5	29.2	19.5	9.8	9.8
-10°	81.7	52.7	41.9	29.1	19.4	9.8	9.8
-12.5°	83.6	53.4	42.2	28.8	19.2	9.8	9.8
-15°	84.8	53.9	42.4	28.5	19.0	9.8	9.8
-17.5°	85.3	54.3	42.3	28.1	18.8	9.8	9.8
-20°	87.5	54.7	42.0	27.7	18.5	9.8	9.8

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REPORT NUMBER: P627960 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.1	54.9	41.5	27.3	18.2	9.8	9.8
-25°	97.7	58.5	40.8	26.7	17.8	9.8	9.8
-27.5°	101.3	63.1	39.8	26.2	17.5	9.8	9.8
-30°	103.7	67.0	38.8	25.5	17.0	9.8	9.8
-32.5°	105.0	70.2	40.3	24.9	16.6	9.8	9.8
-35°	107.9	72.8	41.3	24.2	16.1	9.8	9.8
-37.5°	110.7	74.4	42.0	23.4	15.6	9.8	9.8
-40°	112.5	75.0	42.3	22.6	15.1	9.8	9.8
-42.5°	113.1	75.0	42.6	22.1	14.5	9.8	9.8
-45°	112.5	74.5	42.8	22.3	13.9	9.8	9.8
-47.5°	110.8	73.3	42.5	22.1	13.3	9.8	9.8
-50°	108.5	71.7	41.8	21.8	12.6	9.8	9.8
-52.5°	105.4	69.4	40.5	21.4	11.9	9.8	9.8
-55°	101.7	66.6	38.8	20.8	11.2	9.8	9.8
-57.5°	97.2	63.0	36.6	20.1	10.5	9.8	9.8
-60°	91.8	58.7	34.0	19.1	9.8	9.8	9.8
-62.5°	84.4	53.7	32.2	18.1	9.8	9.8	9.8
-65°	76.1	48.2	30.1	16.9	9.8	9.8	9.8
-67.5°	67.0	43.3	27.7	15.6	9.8	9.8	9.8
-70°	57.0	39.3	25.2	14.2	9.8	9.8	9.8
-72.5°	50.3	35.0	22.5	13.8	9.8	9.8	9.8
-75°	43.8	30.5	19.6	13.7	9.8	9.8	9.8
-77.5°	37.0	25.8	18.5	13.6	9.8	9.8	9.8
-80°	30.0	23.2	17.9	13.4	9.8	9.8	9.8
-82.5°	27.1	21.8	17.2	13.1	9.8	9.8	9.8
-85°	24.7	20.3	16.4	12.9	9.8	9.8	9.8
-87.5°	22.2	18.8	15.6	12.6	9.8	9.8	9.8
-90°	9.8	9.8	9.8	9.8	9.8	9.8	9.8

(END OF REPORT)