

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: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-750-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38423.4 lumens
Efficiency: N/A
Efficacy: 141.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 389484.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 12266.5 lumens
Beam Efficiency: 31.9%

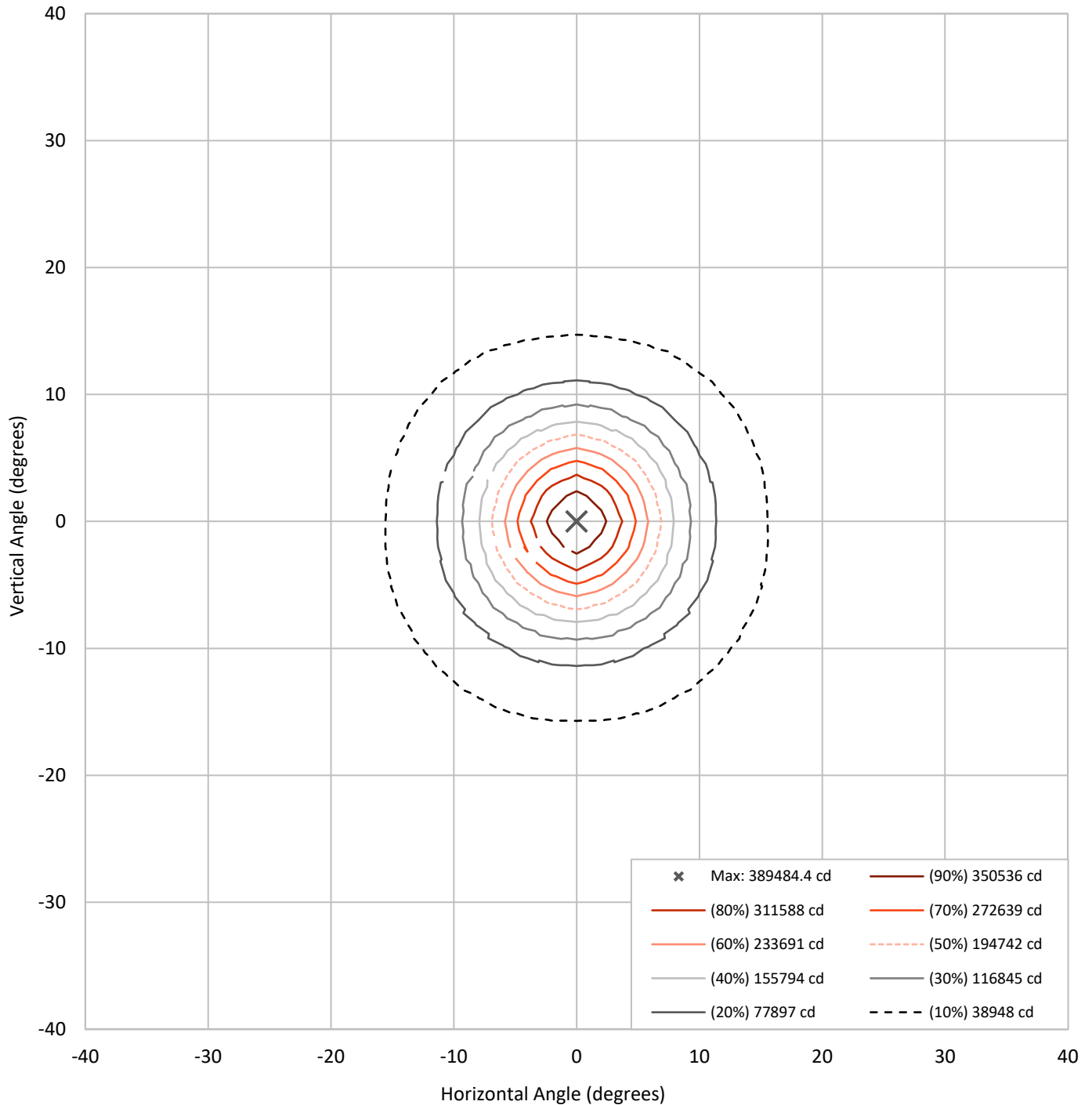
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 27321.5 lumens
Field Efficiency: 71.1%

Input Watts (W): 271.3
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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CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.3	0.9	2.1	3.4	4.6	5.5	5.5	4.6	3.4	2.1	0.9	0.3	0.1				
50	0.2	0.2	1.1	3.3	6.3	9.2	13.0	15.3	15.3	13.0	9.2	6.3	3.3	1.1	0.2	0.2			
40		0.6	2.7	6.5	11.6	18.4	31.2	39.8	39.8	31.2	18.4	11.6	6.5	2.7	0.6				
30	0.3	1.1	4.3	9.9	18.0	39.1	104.4	172.9	172.9	104.4	39.1	18.0	9.9	4.3	1.1	0.3			
20		1.6	5.9	13.7	29.7	116.8	492.5	1082.6	1082.6	492.5	116.8	29.7	13.7	5.9	1.6				
10	0.6	2.1	7.2	16.1	40.3	219.3	1180.2	5293.1	5293.1	1180.2	219.3	40.3	16.1	7.2	2.1	0.6			
0		2.4	7.8	16.9	43.4	233.7	1221.6	5382.9	5382.9	1221.6	233.7	43.4	16.9	7.8	2.4				
-10	0.7	2.5	7.9	16.6	38.0	148.7	593.0	1268.4	1268.4	593.0	148.7	38.0	16.6	7.9	2.5	0.7			
-20		2.4	7.6	15.3	29.4	69.5	182.7	304.6	304.6	182.7	69.5	29.4	15.3	7.6	2.4				
-30	0.7	2.1	6.8	13.5	23.0	38.2	62.1	78.9	78.9	62.1	38.2	23.0	13.5	6.8	2.1	0.7			
-40		1.7	5.6	11.2	18.6	26.7	35.8	40.0	40.0	35.8	26.7	18.6	11.2	5.6	1.7				
-50	0.5	1.3	4.2	8.8	14.6	20.5	25.9	28.3	28.3	25.9	20.5	14.6	8.8	4.2	1.3	0.5			
-60		0.9	2.6	5.7	9.8	14.3	18.0	19.8	19.8	18.0	14.3	9.8	5.7	2.6	0.9				
-70																			
-80	0.2	2.3		9.7		21.2		26.9		21.2		9.7		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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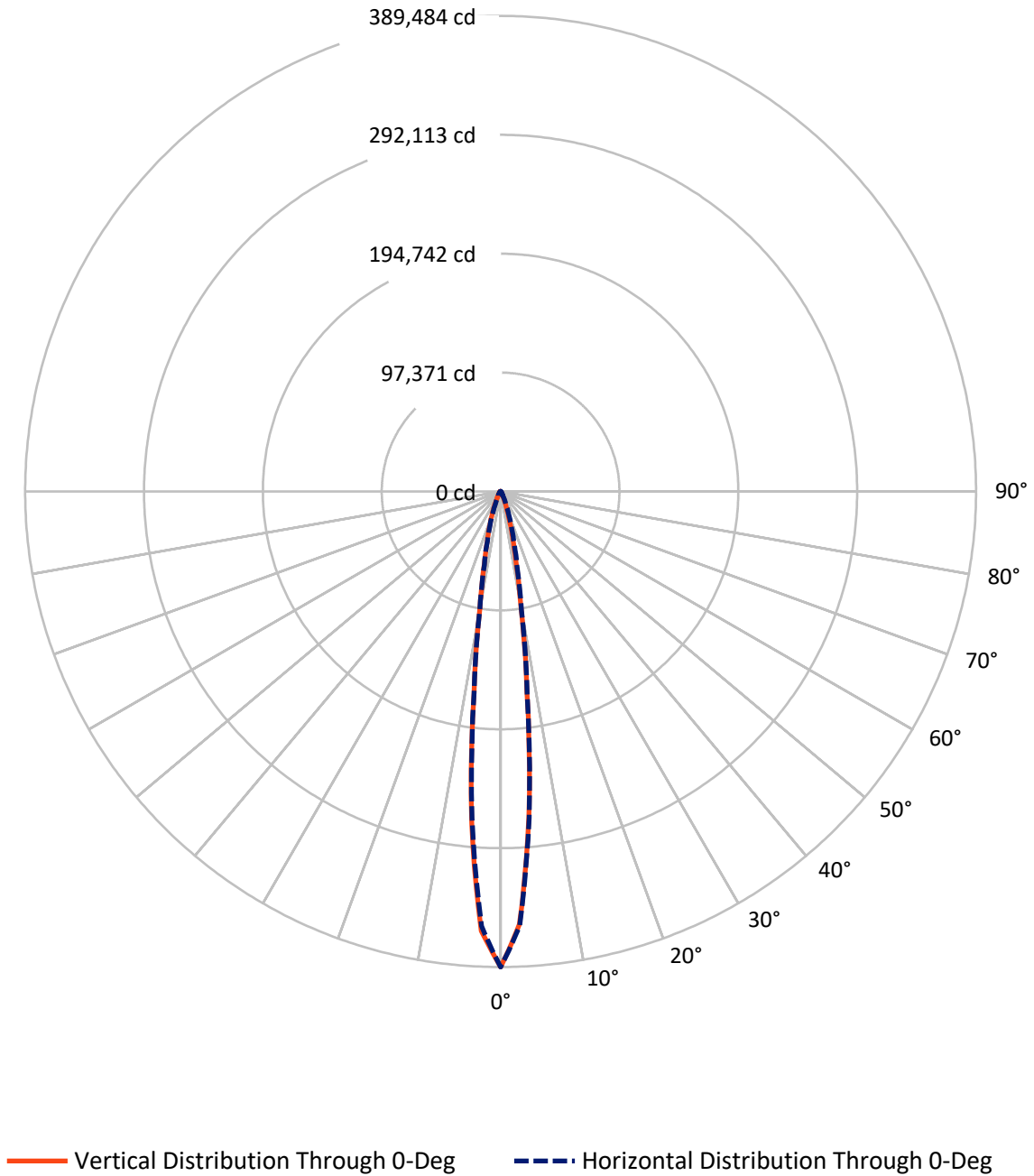
Scaled Data Report



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

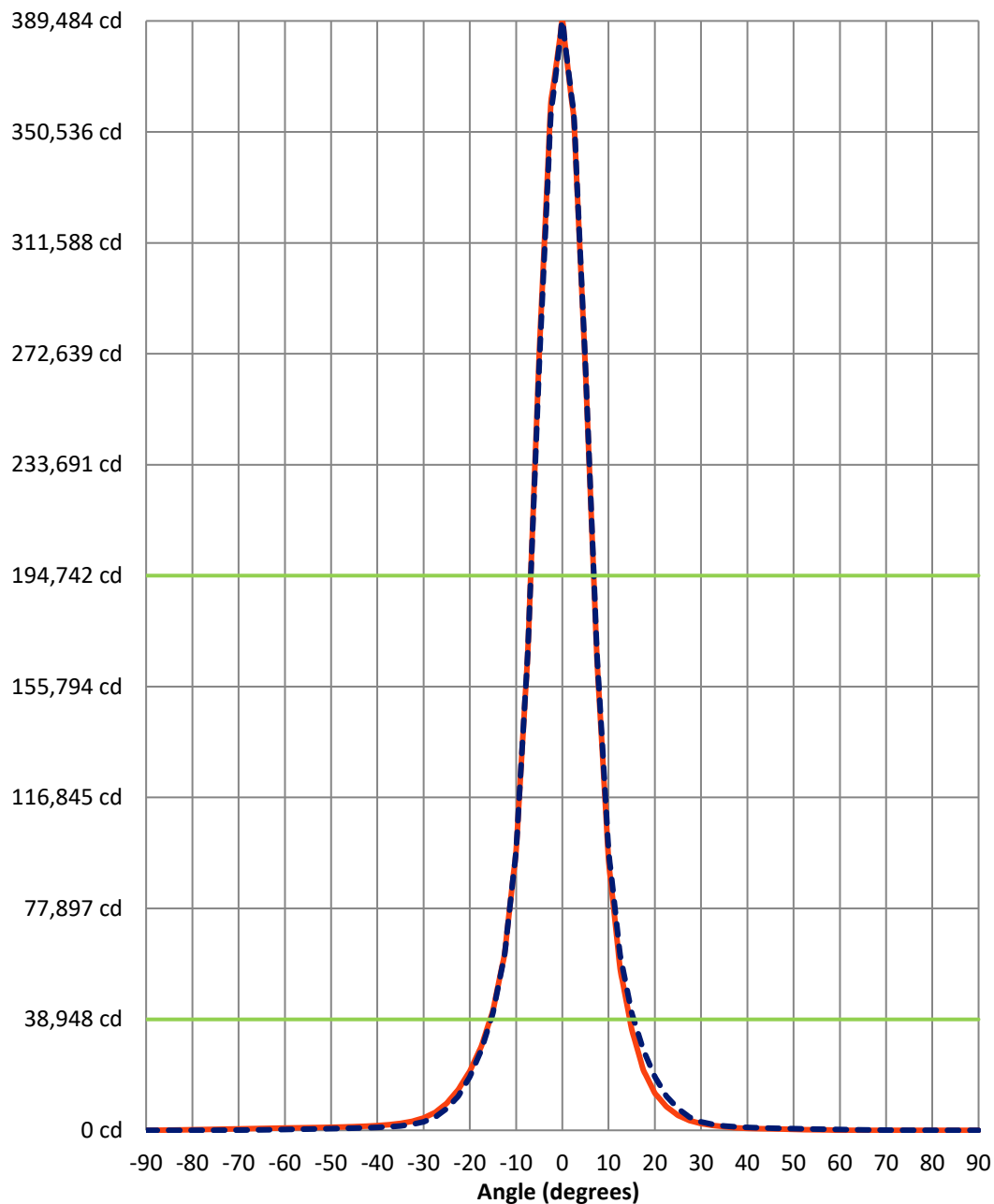
CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 12266.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 27321.5
 Efficiency: 71.1%

Spill:
 Lumens: 11101.9
 Efficiency: 28.9%

— 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.1	0.1	0.0	0.1	0.7	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.3	0.2	0.0	0.9	1.2	0.4	0.5	1.7	1.8	0.8
70°	0.0	1.5	0.3	0.2	1.7	1.9	0.9	2.5	3.4	3.1	1.1
67.5°	0.0	1.7	0.5	1.0	2.5	2.5	2.9	4.6	5.3	3.3	1.4
65°	0.0	1.9	0.6	1.8	3.3	3.5	4.7	6.8	5.5	3.6	2.5
62.5°	0.0	2.1	0.9	2.6	4.2	4.7	6.5	7.7	5.8	4.3	5.1
60°	0.0	2.3	1.1	3.5	5.1	5.7	8.0	8.0	6.2	5.9	7.5
57.5°	0.0	2.5	1.8	4.3	5.8	6.7	8.2	8.2	6.9	7.3	8.2
55°	0.0	2.8	2.5	5.2	6.3	7.6	8.2	8.2	7.6	8.2	8.2
52.5°	0.0	3.0	3.1	6.1	6.8	8.2	8.2	8.2	8.0	8.2	8.2
50°	0.0	3.3	3.7	7.0	7.2	8.2	8.2	8.2	8.2	8.2	9.6
47.5°	0.0	3.5	4.3	7.8	7.6	8.2	8.2	8.2	8.2	8.2	11.4
45°	0.0	3.7	4.8	8.0	7.9	8.2	8.2	8.2	8.5	10.2	13.6
42.5°	0.0	4.0	5.3	8.1	8.1	8.2	8.2	8.5	9.0	12.5	18.2
40°	0.0	4.3	5.7	8.2	8.2	8.2	8.2	9.2	10.5	15.1	23.5
37.5°	0.0	4.5	6.1	8.2	8.2	8.2	8.2	10.0	13.4	19.0	29.0
35°	0.0	4.8	6.5	8.2	8.2	8.2	8.2	11.0	16.4	24.3	35.6
32.5°	0.0	5.1	6.8	8.2	8.2	8.2	8.4	12.1	19.6	29.3	44.1
30°	0.0	5.3	7.1	8.2	8.2	8.2	9.3	13.7	22.9	34.2	53.3
27.5°	0.0	5.6	7.3	8.2	8.2	8.2	10.2	16.4	26.6	38.8	63.3
25°	0.0	5.9	7.5	8.2	8.2	8.2	11.2	19.0	30.5	45.7	74.0
22.5°	0.0	6.1	7.7	8.2	8.2	8.4	12.3	21.7	34.2	54.0	86.6
20°	0.0	6.4	7.9	8.2	8.2	9.0	13.3	24.3	37.8	62.4	98.2
17.5°	0.0	6.6	8.0	8.2	8.2	9.7	14.8	26.9	41.1	70.9	108.8
15°	0.0	6.9	8.1	8.2	8.2	10.6	16.5	29.5	44.2	79.2	118.4
12.5°	0.0	7.1	8.1	8.2	8.2	11.5	18.1	32.0	48.4	87.4	127.0
10°	0.0	7.4	8.2	8.2	8.2	12.5	19.6	34.3	53.7	94.9	134.6
7.5°	0.0	7.6	8.2	8.2	8.2	13.5	21.0	36.3	59.1	101.4	141.3
5°	0.0	7.8	8.2	8.2	8.2	14.5	22.3	38.2	64.4	107.0	147.2
2.5°	0.0	8.0	8.2	8.2	8.2	15.5	23.6	39.8	69.5	111.6	152.3
0°	0.0	8.2	8.2	8.2	8.2	16.5	24.7	41.2	74.2	115.4	156.6
-2.5°	0.0	8.2	8.2	8.2	8.9	17.4	26.9	43.7	78.4	118.5	161.9
-5°	0.0	8.2	8.2	8.2	9.6	18.2	28.9	45.9	82.0	120.9	166.3
-7.5°	0.0	8.1	8.2	8.2	10.3	18.9	30.7	48.0	85.0	122.7	169.6
-10°	0.0	8.1	8.2	8.2	10.9	19.5	32.3	49.7	87.1	124.0	171.6
-12.5°	0.0	8.0	8.2	8.2	11.5	20.0	33.7	51.3	88.5	125.2	174.9
-15°	0.0	7.9	8.2	8.2	11.9	20.5	34.7	52.5	88.8	127.7	177.8
-17.5°	0.0	7.8	8.2	8.2	12.3	20.8	35.4	53.8	88.2	129.0	179.2
-20°	0.0	7.7	8.2	8.2	12.5	21.1	35.9	54.9	86.9	129.0	178.9

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CATALOG NUMBER: GFLD-SA5D-750-U-NR-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	7.6	8.2	8.2	12.6	21.3	36.3	55.6	84.9	127.5	176.8
-25°	0.0	7.4	8.2	8.2	12.6	21.8	36.6	55.8	82.3	124.5	173.0
-27.5°	0.0	7.3	8.2	8.2	12.4	22.4	36.6	55.6	79.0	120.3	169.3
-30°	0.0	7.1	8.2	8.2	12.1	22.8	36.4	55.0	77.3	115.9	163.6
-32.5°	0.0	6.9	8.2	8.2	12.1	22.9	36.0	54.4	76.4	110.7	155.8
-35°	0.0	6.7	8.2	8.2	11.9	22.9	35.9	53.6	74.8	104.8	145.9
-37.5°	0.0	6.5	8.2	8.2	11.6	22.7	35.7	52.6	72.7	98.3	140.2
-40°	0.0	6.3	8.2	8.2	11.2	22.2	35.3	51.4	69.9	94.1	135.1
-42.5°	0.0	6.0	8.2	8.3	11.1	21.5	34.5	49.9	67.7	92.2	128.7
-45°	0.0	5.8	8.2	8.5	11.4	20.6	33.5	48.4	65.7	89.4	121.7
-47.5°	0.0	5.5	8.2	8.7	11.6	19.6	32.1	46.7	63.5	85.5	117.0
-50°	0.0	5.3	8.2	8.8	11.7	18.3	30.5	44.7	61.0	82.3	111.0
-52.5°	0.0	5.0	8.2	8.9	11.7	16.8	28.5	42.3	58.0	77.7	103.7
-55°	0.0	4.7	8.2	8.9	11.6	16.3	26.3	39.5	54.5	71.9	96.2
-57.5°	0.0	4.4	8.2	8.9	11.5	15.9	23.9	36.3	50.6	66.7	87.2
-60°	0.0	4.1	8.2	8.8	11.2	15.4	21.3	32.8	46.2	61.3	78.1
-62.5°	0.0	3.8	7.6	8.7	10.9	14.8	20.3	29.0	41.5	55.5	71.1
-65°	0.0	3.5	6.9	8.6	10.5	14.0	19.0	25.5	36.3	49.2	63.5
-67.5°	0.0	3.1	6.3	8.4	10.0	13.1	17.6	23.5	30.8	42.4	55.3
-70°	0.0	2.8	5.6	8.2	9.5	12.1	16.0	21.1	27.5	35.2	46.7
-72.5°	0.0	2.5	4.9	7.4	8.9	11.0	14.3	18.6	24.1	30.7	38.3
-75°	0.0	2.1	4.2	6.3	8.3	9.9	12.4	16.3	20.5	25.9	32.2
-77.5°	0.0	1.8	3.5	5.3	7.1	8.6	10.5	14.0	17.7	21.4	25.9
-80°	0.0	1.4	2.8	4.3	5.7	7.1	8.4	11.7	15.1	18.5	21.8
-82.5°	0.0	1.1	2.1	3.2	4.3	5.3	6.3	9.1	12.4	15.5	18.5
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	6.1	8.4	11.0	13.9
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	3.1	4.2	5.5	7.0
-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):

	-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°	0.0	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	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.3	2.8	1.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	4.0	5.3	4.1	2.1	0.2	1.9	2.8	2.2	0.3	0.0	0.0
62.5°	7.6	6.5	4.5	3.4	4.6	6.2	4.8	2.8	0.8	4.0	5.8
60°	8.2	6.9	5.8	6.5	8.3	7.4	5.4	8.0	12.1	15.2	18.4
57.5°	8.2	7.6	7.4	8.9	9.3	9.3	14.5	19.4	27.4	34.0	38.5
55°	8.4	8.1	9.3	11.1	13.9	19.7	26.9	37.9	46.8	60.4	71.9
52.5°	9.3	9.3	12.5	16.9	24.9	34.0	46.8	62.4	80.0	93.3	107.3
50°	10.7	13.8	17.6	28.3	39.3	53.6	74.6	97.3	112.2	127.1	147.2
47.5°	14.7	18.7	29.0	41.3	57.3	80.1	109.1	125.4	140.1	163.5	188.5
45°	19.8	28.1	40.7	57.8	79.9	111.8	134.6	148.0	173.4	200.5	229.0
42.5°	25.3	38.7	56.0	74.1	108.7	139.1	159.7	180.9	206.6	238.3	269.2
40°	34.3	49.2	72.8	101.0	136.3	165.9	191.8	216.2	241.4	282.8	315.7
37.5°	43.5	65.2	91.8	126.9	163.6	195.9	224.8	255.5	291.5	338.2	367.8
35°	52.3	81.8	114.3	151.7	190.6	227.2	261.9	297.7	344.4	388.6	424.0
32.5°	64.8	98.8	135.3	175.7	215.8	257.3	299.4	342.2	388.2	433.4	479.7
30°	80.5	116.8	155.3	198.7	239.0	287.0	335.8	381.1	427.4	475.0	527.4
27.5°	96.2	133.7	175.4	219.2	261.5	316.1	368.8	416.1	463.6	514.8	574.6
25°	110.8	150.7	194.3	237.4	287.2	345.7	403.3	458.1	498.3	556.7	626.5
22.5°	124.8	167.4	214.2	253.9	311.9	375.6	442.7	501.6	549.2	601.4	680.5
20°	138.7	184.5	232.8	277.3	336.8	405.2	484.8	545.5	604.6	671.8	752.6
17.5°	151.9	200.5	251.2	304.0	366.8	437.6	528.0	589.9	660.5	740.9	842.7
15°	164.4	215.3	269.7	329.0	393.8	470.2	557.3	634.5	718.9	811.8	932.1
12.5°	176.0	228.8	287.9	352.1	417.7	498.2	581.9	664.0	761.1	882.6	1034.0
10°	186.8	241.0	305.4	373.2	438.4	521.8	603.6	689.0	791.5	924.9	1098.3
7.5°	195.7	253.4	322.2	392.4	456.3	541.3	622.3	709.6	816.9	959.9	1141.5
5°	203.2	266.3	337.7	404.7	471.2	558.0	637.9	725.9	837.1	987.3	1172.4
2.5°	209.4	278.1	351.2	413.7	483.9	573.3	650.4	744.0	857.6	1008.5	1201.4
0°	214.3	288.5	362.7	420.4	494.6	585.3	659.5	758.5	873.9	1022.3	1228.4
-2.5°	224.3	297.1	369.6	428.2	506.0	587.3	665.5	760.5	880.0	1033.0	1233.4
-5°	232.8	304.0	374.6	434.2	514.5	587.1	668.1	758.8	882.2	1039.1	1242.4
-7.5°	239.2	309.4	378.0	438.9	519.1	589.8	671.8	764.7	888.6	1044.7	1254.1
-10°	243.4	313.2	380.7	444.7	520.2	592.6	673.2	766.0	887.5	1041.1	1247.7
-12.5°	245.6	315.5	382.0	448.0	519.9	592.3	671.3	762.4	878.4	1028.1	1222.1
-15°	246.3	316.3	381.9	448.3	518.7	588.9	666.0	753.7	862.1	1006.0	1182.2
-17.5°	245.5	315.9	380.3	445.6	516.8	582.0	657.8	742.1	845.5	980.0	1149.7
-20°	243.4	314.1	377.4	439.6	514.1	575.8	649.6	731.0	828.2	950.2	1101.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	240.0	311.2	373.3	433.7	504.9	569.9	638.9	716.5	803.7	914.0	1048.6
-25°	236.0	305.4	368.1	429.0	494.5	561.0	625.3	699.1	779.2	885.2	1006.5
-27.5°	230.7	298.3	360.9	422.6	483.5	548.9	611.8	681.5	760.8	854.3	962.7
-30°	223.1	288.2	350.9	413.8	473.9	535.3	596.1	662.5	737.2	825.4	925.5
-32.5°	213.5	277.1	338.4	400.5	463.0	521.7	578.9	642.7	712.8	790.2	885.4
-35°	203.7	265.0	324.8	384.0	449.9	506.5	561.5	620.1	685.3	757.2	834.8
-37.5°	194.6	252.0	310.3	366.2	428.6	487.6	541.2	596.8	657.1	723.0	793.5
-40°	184.7	238.2	295.1	349.6	404.3	464.4	517.9	571.6	627.3	693.4	756.1
-42.5°	174.5	226.5	279.2	332.5	384.8	438.5	491.9	543.5	602.2	664.8	726.3
-45°	165.9	214.2	263.1	315.0	366.5	415.1	465.2	513.3	573.0	635.6	695.7
-47.5°	155.9	201.6	249.1	296.1	346.7	395.2	440.2	488.9	539.7	598.7	661.8
-50°	145.6	188.9	232.6	276.9	324.9	373.4	419.1	464.1	512.0	560.5	615.0
-52.5°	136.7	174.6	215.1	255.8	301.1	348.7	394.8	439.8	483.9	529.5	576.0
-55°	126.4	161.0	196.8	234.8	274.6	320.1	365.9	409.8	454.8	497.4	542.9
-57.5°	114.8	145.9	178.4	214.1	250.3	287.6	332.0	375.7	418.0	461.1	508.0
-60°	101.7	129.5	159.0	191.9	227.1	261.3	297.3	337.8	378.7	419.5	462.8
-62.5°	88.1	112.3	138.9	167.6	199.9	233.5	266.4	300.9	337.7	373.2	410.7
-65°	79.1	96.1	118.5	144.0	170.5	200.6	231.7	263.5	295.9	326.1	355.0
-67.5°	69.5	84.8	101.4	120.2	144.3	169.6	194.4	222.9	251.9	279.7	306.7
-70°	59.3	72.9	87.6	103.2	120.3	141.1	164.3	187.1	209.4	232.7	257.7
-72.5°	48.5	60.4	73.1	86.7	101.3	117.6	135.6	155.1	174.9	194.1	213.7
-75°	39.8	47.6	58.1	69.5	82.2	95.1	108.0	123.4	140.2	157.1	173.6
-77.5°	32.8	40.0	47.1	54.2	63.2	74.9	86.5	97.9	109.6	122.3	136.0
-80°	26.6	32.2	38.8	45.2	51.4	58.5	66.6	75.6	83.8	92.3	101.6
-82.5°	22.2	26.5	31.1	36.2	39.8	43.6	47.9	53.1	58.6	64.3	70.2
-85°	17.0	20.5	23.6	27.0	28.7	30.6	32.6	34.9	38.4	41.9	45.3
-87.5°	8.6	10.3	12.2	14.2	15.0	15.9	16.7	17.5	19.7	22.1	24.5
-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: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-NR-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°	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°	0.5	0.1	0.0	0.0	0.1	1.5	2.0	1.7	0.8	0.0	0.0
62.5°	4.8	4.0	6.4	8.5	9.4	9.1	8.4	7.5	6.4	5.9	6.7
60°	19.8	19.4	27.0	30.7	28.0	19.7	31.0	36.6	35.2	30.2	30.0
57.5°	48.4	58.8	66.4	69.6	80.6	98.2	101.6	95.7	93.7	95.6	110.4
55°	83.9	92.3	96.6	111.6	124.8	134.4	140.1	145.8	154.3	164.6	175.3
52.5°	118.6	130.1	138.9	152.3	168.2	173.7	172.2	192.7	208.6	218.8	222.9
50°	162.8	177.2	197.7	218.7	227.8	236.7	246.1	262.9	287.3	317.6	335.1
47.5°	210.5	233.2	254.7	278.7	290.8	300.3	314.3	343.5	378.2	410.9	427.9
45°	253.5	273.7	298.3	319.0	334.0	352.2	372.5	398.8	437.7	471.9	495.5
42.5°	288.0	310.8	336.1	361.2	376.4	400.9	431.7	467.6	508.3	543.8	570.1
40°	336.4	355.7	396.0	419.8	425.8	448.7	510.4	559.4	605.4	649.1	670.9
37.5°	394.9	432.4	474.3	495.9	517.1	557.7	640.2	719.3	778.0	837.2	869.6
35°	461.2	510.6	567.7	593.2	638.8	727.1	824.0	934.1	1071.2	1128.6	1180.9
32.5°	525.7	581.0	633.6	690.9	770.6	876.1	985.2	1163.8	1330.6	1459.7	1554.0
30°	583.0	641.6	706.9	780.6	892.8	1038.2	1220.6	1451.7	1686.7	1891.8	2065.4
27.5°	639.5	706.2	783.9	893.7	1051.7	1249.2	1540.4	1870.0	2262.4	2551.4	2896.6
25°	701.5	777.7	877.5	1036.8	1249.9	1545.1	2010.7	2546.0	3189.3	3710.9	4256.8
22.5°	774.9	887.5	1013.8	1191.5	1563.8	2050.2	2686.3	3601.1	4590.7	5505.7	6386.8
20°	863.6	1017.4	1220.4	1547.4	2025.4	2744.5	3849.6	5309.5	6764.9	8315.0	9807.1
17.5°	990.0	1211.9	1527.1	1992.5	2622.5	4044.9	5838.1	8096.1	10997.1	13626.0	15921.2
15°	1108.7	1373.8	1871.5	2567.3	3666.1	5551.3	8274.9	12001.8	16522.9	20643.2	24995.0
12.5°	1233.3	1546.3	2117.9	3003.8	4530.6	6984.8	10812.4	15919.0	21580.1	27789.9	34863.2
10°	1332.0	1712.0	2396.4	3519.6	5401.6	8457.9	13017.1	19210.3	26733.0	35923.1	47230.3
7.5°	1398.6	1844.8	2626.4	3897.2	6203.6	9964.4	15452.8	22896.7	32301.5	44476.5	60298.2
5°	1450.6	1946.1	2799.4	4241.6	6881.9	11114.4	17257.4	26124.9	37250.3	53562.7	80375.9
2.5°	1492.4	2023.7	2906.4	4478.6	7307.7	11915.2	18468.2	27951.3	40196.2	60280.3	95066.8
0°	1525.2	2094.0	2976.1	4624.9	7634.0	11995.2	18846.0	28285.5	41253.5	61492.8	98228.5
-2.5°	1539.1	2131.6	3000.1	4657.0	7601.4	12132.6	18961.3	28552.4	41213.7	60828.4	94697.5
-5°	1562.2	2131.0	2982.0	4624.3	7431.0	11777.2	18208.3	27058.5	38727.3	55596.8	83345.1
-7.5°	1578.9	2097.0	2895.7	4414.8	6984.9	11008.8	16885.1	24583.3	34202.0	47010.7	64196.0
-10°	1563.6	2031.8	2751.8	4063.3	6291.3	9776.2	14873.0	21315.7	29309.8	38802.0	50478.2
-12.5°	1504.8	1911.3	2516.9	3570.9	5393.1	8395.4	12848.7	18334.2	24251.0	30917.4	38985.7
-15°	1430.4	1781.6	2305.3	3233.2	4727.1	7026.9	10278.1	14728.1	19474.5	24536.1	29933.5
-17.5°	1372.5	1667.6	2101.3	2773.0	3871.8	5700.5	8255.3	11416.6	14904.6	18758.2	21956.6
-20°	1294.0	1527.2	1891.3	2439.9	3278.3	4489.8	6350.5	8647.2	10948.8	13658.3	15867.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1215.5	1418.6	1695.6	2097.1	2720.9	3636.2	4785.9	6319.4	8002.6	9557.7	11088.6
-25°	1142.6	1299.1	1523.1	1852.5	2275.6	2900.3	3718.6	4598.3	5707.7	6654.4	7704.9
-27.5°	1083.6	1217.9	1383.3	1624.7	1953.1	2354.9	2940.8	3530.2	4113.7	4591.5	5314.8
-30°	1026.5	1134.7	1273.0	1445.2	1691.3	2001.0	2381.3	2763.7	3100.4	3407.5	3784.2
-32.5°	970.6	1058.6	1164.7	1307.6	1484.2	1717.0	1950.8	2224.8	2458.8	2674.8	2874.7
-35°	914.6	992.9	1073.6	1194.2	1335.0	1500.3	1670.3	1856.0	2018.0	2163.4	2292.1
-37.5°	863.9	932.7	1008.7	1098.4	1211.9	1336.3	1475.1	1610.0	1717.0	1811.4	1889.5
-40°	821.2	883.7	948.8	1020.6	1107.0	1205.2	1323.0	1435.4	1510.4	1568.1	1615.4
-42.5°	783.0	838.1	893.5	954.4	1020.8	1105.8	1198.8	1291.6	1342.5	1387.1	1421.3
-45°	752.4	794.6	841.2	893.3	952.0	1023.2	1096.4	1160.5	1205.7	1244.1	1272.7
-47.5°	711.8	752.6	792.9	835.9	890.7	950.0	1010.4	1059.8	1099.2	1132.7	1154.5
-50°	667.2	710.1	747.1	784.8	835.2	885.5	934.2	975.0	1012.6	1045.4	1062.6
-52.5°	621.1	667.1	705.9	742.7	785.0	828.9	872.8	907.7	940.6	971.5	984.6
-55°	587.8	630.2	670.3	704.9	739.8	774.9	810.8	847.0	879.6	908.9	917.6
-57.5°	551.9	595.1	634.7	665.8	697.3	729.0	761.8	794.5	825.9	854.0	861.1
-60°	508.0	554.8	590.0	619.5	650.0	681.3	709.9	739.0	768.3	792.9	800.7
-62.5°	452.3	494.9	529.7	560.7	590.2	617.4	645.3	672.4	698.8	718.2	724.5
-65°	385.6	421.8	457.6	490.0	519.1	545.4	571.0	595.9	619.8	636.8	645.3
-67.5°	332.9	359.0	387.8	415.7	444.9	471.9	495.1	516.9	537.4	551.8	560.9
-70°	282.1	306.9	333.9	360.4	385.9	407.9	426.3	444.3	461.8	474.6	484.2
-72.5°	233.5	254.6	277.0	300.5	323.7	343.6	360.5	376.6	391.7	402.7	411.5
-75°	189.7	207.0	226.0	244.9	263.8	279.5	293.7	307.5	320.9	330.6	338.8
-77.5°	150.5	165.2	180.0	194.9	209.7	221.2	231.6	241.7	251.6	259.3	266.3
-80°	111.5	123.0	134.8	146.7	158.6	167.3	175.1	182.6	189.6	194.1	198.1
-82.5°	76.2	84.2	92.5	100.9	109.3	115.7	121.9	128.0	134.0	136.1	137.6
-85°	48.7	52.7	57.0	61.6	66.4	69.9	73.3	76.5	79.5	82.4	85.1
-87.5°	27.0	27.8	28.6	29.3	29.9	32.4	34.8	37.3	39.8	40.2	40.6
-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: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-NR-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	0.8	1.7
62.5°	7.4	7.8	8.1	8.2	8.1	7.8	7.4	6.7	5.9	6.4	7.5
60°	28.2	25.1	24.5	24.7	24.5	25.1	28.2	30.0	30.2	35.2	36.6
57.5°	125.4	139.5	143.3	140.1	143.3	139.5	125.4	110.4	95.6	93.7	95.7
55°	182.6	186.9	188.9	189.6	188.9	186.9	182.6	175.3	164.6	154.3	145.8
52.5°	223.8	222.4	222.0	222.6	222.0	222.4	223.8	222.9	218.8	208.6	192.7
50°	336.4	330.3	327.8	329.8	327.8	330.3	336.4	335.1	317.6	287.3	262.9
47.5°	430.0	431.9	434.8	436.9	434.8	431.9	430.0	427.9	410.9	378.2	343.5
45°	502.1	506.5	509.5	511.1	509.5	506.5	502.1	495.5	471.9	437.7	398.8
42.5°	575.8	576.3	575.5	577.1	575.5	576.3	575.8	570.1	543.8	508.3	467.6
40°	679.8	682.0	679.7	676.0	679.7	682.0	679.8	670.9	649.1	605.4	559.4
37.5°	888.4	891.5	881.6	873.9	881.6	891.5	888.4	869.6	837.2	778.0	719.3
35°	1228.6	1263.9	1280.6	1286.1	1280.6	1263.9	1228.6	1180.9	1128.6	1071.2	934.1
32.5°	1619.3	1668.3	1693.0	1714.8	1693.0	1668.3	1619.3	1554.0	1459.7	1330.6	1163.8
30°	2179.1	2269.6	2309.5	2366.1	2309.5	2269.6	2179.1	2065.4	1891.8	1686.7	1451.7
27.5°	3092.5	3251.5	3339.6	3421.3	3339.6	3251.5	3092.5	2896.6	2551.4	2262.4	1870.0
25°	4653.5	4959.8	5157.9	5251.5	5157.9	4959.8	4653.5	4256.8	3710.9	3189.3	2546.0
22.5°	7239.4	7803.9	8239.3	8326.5	8239.3	7803.9	7239.4	6386.8	5505.7	4590.7	3601.1
20°	11254.7	12062.4	12719.5	13050.4	12719.5	12062.4	11254.7	9807.1	8315.0	6764.9	5309.5
17.5°	18655.1	20335.2	21102.6	21228.6	21102.6	20335.2	18655.1	15921.2	13626.0	10997.1	8096.1
15°	29664.5	32507.5	34312.3	35474.4	34312.3	32507.5	29664.5	24995.0	20643.2	16522.9	12001.8
12.5°	42226.1	50304.4	54900.9	56653.5	54900.9	50304.4	42226.1	34863.2	27789.9	21580.1	15919.0
10°	59275.0	78292.3	89262.3	94782.5	89262.3	78292.3	59275.0	47230.3	35923.1	26733.0	19210.3
7.5°	88210.9	117583.4	150127.0	165183.0	150127.0	117583.4	88210.9	60298.2	44476.5	32301.5	22896.7
5°	118629.4	183119.6	239723.1	266828.6	239723.1	183119.6	118629.4	80375.9	53562.7	37250.3	26124.9
2.5°	153590.8	240561.9	320973.6	354785.0	320973.6	240561.9	153590.8	95066.8	60280.3	40196.2	27951.3
0°	167046.1	268353.8	356297.7	389484.4	356297.7	268353.8	167046.1	98228.5	61492.8	41253.5	28285.5
-2.5°	155670.9	244775.3	322355.2	360275.5	322355.2	244775.3	155670.9	94697.5	60828.4	41213.7	28552.4
-5°	123688.5	184128.8	241584.2	272484.1	241584.2	184128.8	123688.5	83345.1	55596.8	38727.3	27058.5
-7.5°	90779.7	123682.8	155591.4	166749.4	155591.4	123682.8	90779.7	64196.0	47010.7	34202.0	24583.3
-10°	63202.7	82044.1	94481.4	98030.6	94481.4	82044.1	63202.7	50478.2	38802.0	29309.8	21315.7
-12.5°	46858.4	55099.7	60833.7	61830.8	60833.7	55099.7	46858.4	38985.7	30917.4	24251.0	18334.2
-15°	34697.5	38888.4	41845.8	42044.9	41845.8	38888.4	34697.5	29933.5	24536.1	19474.5	14728.1
-17.5°	25364.0	28177.2	29669.7	29563.4	29669.7	28177.2	25364.0	21956.6	18758.2	14904.6	11416.6
-20°	18136.7	19832.5	21035.1	20799.9	21035.1	19832.5	18136.7	15867.8	13658.3	10948.8	8647.2



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12646.2	13771.9	14476.6	14295.3	14476.6	13771.9	12646.2	11088.6	9557.7	8002.6	6319.4
-25°	8592.9	9206.2	9555.3	9497.2	9555.3	9206.2	8592.9	7704.9	6654.4	5707.7	4598.3
-27.5°	5855.5	6179.5	6287.7	6282.0	6287.7	6179.5	5855.5	5314.8	4591.5	4113.7	3530.2
-30°	4064.2	4282.0	4406.5	4328.2	4406.5	4282.0	4064.2	3784.2	3407.5	3100.4	2763.7
-32.5°	3029.2	3152.0	3223.0	3149.2	3223.0	3152.0	3029.2	2874.7	2674.8	2458.8	2224.8
-35°	2387.2	2449.4	2474.4	2432.0	2474.4	2449.4	2387.2	2292.1	2163.4	2018.0	1856.0
-37.5°	1946.3	1982.7	1995.1	1970.3	1995.1	1982.7	1946.3	1889.5	1811.4	1717.0	1610.0
-40°	1649.2	1671.5	1677.0	1657.1	1677.0	1671.5	1649.2	1615.4	1568.1	1510.4	1435.4
-42.5°	1443.0	1456.3	1459.5	1451.0	1459.5	1456.3	1443.0	1421.3	1387.1	1342.5	1291.6
-45°	1289.7	1301.0	1303.1	1294.3	1303.1	1301.0	1289.7	1272.7	1244.1	1205.7	1160.5
-47.5°	1165.4	1172.5	1174.3	1170.7	1174.3	1172.5	1165.4	1154.5	1132.7	1099.2	1059.8
-50°	1070.4	1075.2	1075.7	1071.7	1075.7	1075.2	1070.4	1062.6	1045.4	1012.6	975.0
-52.5°	990.7	994.1	996.4	997.5	996.4	994.1	990.7	984.6	971.5	940.6	907.7
-55°	923.7	928.1	930.7	931.6	930.7	928.1	923.7	917.6	908.9	879.6	847.0
-57.5°	866.7	870.7	873.1	873.9	873.1	870.7	866.7	861.1	854.0	825.9	794.5
-60°	807.2	812.1	815.2	816.2	815.2	812.1	807.2	800.7	792.9	768.3	739.0
-62.5°	728.7	730.8	732.9	733.7	732.9	730.8	728.7	724.5	718.2	698.8	672.4
-65°	651.7	656.1	658.7	659.5	658.7	656.1	651.7	645.3	636.8	619.8	595.9
-67.5°	568.3	574.1	580.2	585.3	580.2	574.1	568.3	560.9	551.8	537.4	516.9
-70°	492.7	500.0	502.3	502.9	502.3	500.0	492.7	484.2	474.6	461.8	444.3
-72.5°	419.4	426.3	432.1	436.9	432.1	426.3	419.4	411.5	402.7	391.7	376.6
-75°	346.0	352.5	354.1	354.5	354.1	352.5	346.0	338.8	330.6	320.9	307.5
-77.5°	272.8	278.7	280.0	280.3	280.0	278.7	272.8	266.3	259.3	251.6	241.7
-80°	201.7	205.0	209.9	214.3	209.9	205.0	201.7	198.1	194.1	189.6	182.6
-82.5°	138.8	139.5	140.0	140.1	140.0	139.5	138.8	137.6	136.1	134.0	128.0
-85°	87.8	90.3	90.6	90.7	90.6	90.3	87.8	85.1	82.4	79.5	76.5
-87.5°	40.8	41.0	41.2	41.2	41.2	41.0	40.8	40.6	40.2	39.8	37.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	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	0.5
65°	2.0	1.5	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.2
62.5°	8.4	9.1	9.4	8.5	6.4	4.0	4.8	5.8	4.0	0.8	2.8
60°	31.0	19.7	28.0	30.7	27.0	19.4	19.8	18.4	15.2	12.1	8.0
57.5°	101.6	98.2	80.6	69.6	66.4	58.8	48.4	38.5	34.0	27.4	19.4
55°	140.1	134.4	124.8	111.6	96.6	92.3	83.9	71.9	60.4	46.8	37.9
52.5°	172.2	173.7	168.2	152.3	138.9	130.1	118.6	107.3	93.3	80.0	62.4
50°	246.1	236.7	227.8	218.7	197.7	177.2	162.8	147.2	127.1	112.2	97.3
47.5°	314.3	300.3	290.8	278.7	254.7	233.2	210.5	188.5	163.5	140.1	125.4
45°	372.5	352.2	334.0	319.0	298.3	273.7	253.5	229.0	200.5	173.4	148.0
42.5°	431.7	400.9	376.4	361.2	336.1	310.8	288.0	269.2	238.3	206.6	180.9
40°	510.4	448.7	425.8	419.8	396.0	355.7	336.4	315.7	282.8	241.4	216.2
37.5°	640.2	557.7	517.1	495.9	474.3	432.4	394.9	367.8	338.2	291.5	255.5
35°	824.0	727.1	638.8	593.2	567.7	510.6	461.2	424.0	388.6	344.4	297.7
32.5°	985.2	876.1	770.6	690.9	633.6	581.0	525.7	479.7	433.4	388.2	342.2
30°	1220.6	1038.2	892.8	780.6	706.9	641.6	583.0	527.4	475.0	427.4	381.1
27.5°	1540.4	1249.2	1051.7	893.7	783.9	706.2	639.5	574.6	514.8	463.6	416.1
25°	2010.7	1545.1	1249.9	1036.8	877.5	777.7	701.5	626.5	556.7	498.3	458.1
22.5°	2686.3	2050.2	1563.8	1191.5	1013.8	887.5	774.9	680.5	601.4	549.2	501.6
20°	3849.6	2744.5	2025.4	1547.4	1220.4	1017.4	863.6	752.6	671.8	604.6	545.5
17.5°	5838.1	4044.9	2622.5	1992.5	1527.1	1211.9	990.0	842.7	740.9	660.5	589.9
15°	8274.9	5551.3	3666.1	2567.3	1871.5	1373.8	1108.7	932.1	811.8	718.9	634.5
12.5°	10812.4	6984.8	4530.6	3003.8	2117.9	1546.3	1233.3	1034.0	882.6	761.1	664.0
10°	13017.1	8457.9	5401.6	3519.6	2396.4	1712.0	1332.0	1098.3	924.9	791.5	689.0
7.5°	15452.8	9964.4	6203.6	3897.2	2626.4	1844.8	1398.6	1141.5	959.9	816.9	709.6
5°	17257.4	11114.4	6881.9	4241.6	2799.4	1946.1	1450.6	1172.4	987.3	837.1	725.9
2.5°	18468.2	11915.2	7307.7	4478.6	2906.4	2023.7	1492.4	1201.4	1008.5	857.6	744.0
0°	18846.0	11995.2	7634.0	4624.9	2976.1	2094.0	1525.2	1228.4	1022.3	873.9	758.5
-2.5°	18961.3	12132.6	7601.4	4657.0	3000.1	2131.6	1539.1	1233.4	1033.0	880.0	760.5
-5°	18208.3	11777.2	7431.0	4624.3	2982.0	2131.0	1562.2	1242.4	1039.1	882.2	758.8
-7.5°	16885.1	11008.8	6984.9	4414.8	2895.7	2097.0	1578.9	1254.1	1044.7	888.6	764.7
-10°	14873.0	9776.2	6291.3	4063.3	2751.8	2031.8	1563.6	1247.7	1041.1	887.5	766.0
-12.5°	12848.7	8395.4	5393.1	3570.9	2516.9	1911.3	1504.8	1222.1	1028.1	878.4	762.4
-15°	10278.1	7026.9	4727.1	3233.2	2305.3	1781.6	1430.4	1182.2	1006.0	862.1	753.7
-17.5°	8255.3	5700.5	3871.8	2773.0	2101.3	1667.6	1372.5	1149.7	980.0	845.5	742.1
-20°	6350.5	4489.8	3278.3	2439.9	1891.3	1527.2	1294.0	1101.9	950.2	828.2	731.0



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4785.9	3636.2	2720.9	2097.1	1695.6	1418.6	1215.5	1048.6	914.0	803.7	716.5
-25°	3718.6	2900.3	2275.6	1852.5	1523.1	1299.1	1142.6	1006.5	885.2	779.2	699.1
-27.5°	2940.8	2354.9	1953.1	1624.7	1383.3	1217.9	1083.6	962.7	854.3	760.8	681.5
-30°	2381.3	2001.0	1691.3	1445.2	1273.0	1134.7	1026.5	925.5	825.4	737.2	662.5
-32.5°	1950.8	1717.0	1484.2	1307.6	1164.7	1058.6	970.6	885.4	790.2	712.8	642.7
-35°	1670.3	1500.3	1335.0	1194.2	1073.6	992.9	914.6	834.8	757.2	685.3	620.1
-37.5°	1475.1	1336.3	1211.9	1098.4	1008.7	932.7	863.9	793.5	723.0	657.1	596.8
-40°	1323.0	1205.2	1107.0	1020.6	948.8	883.7	821.2	756.1	693.4	627.3	571.6
-42.5°	1198.8	1105.8	1020.8	954.4	893.5	838.1	783.0	726.3	664.8	602.2	543.5
-45°	1096.4	1023.2	952.0	893.3	841.2	794.6	752.4	695.7	635.6	573.0	513.3
-47.5°	1010.4	950.0	890.7	835.9	792.9	752.6	711.8	661.8	598.7	539.7	488.9
-50°	934.2	885.5	835.2	784.8	747.1	710.1	667.2	615.0	560.5	512.0	464.1
-52.5°	872.8	828.9	785.0	742.7	705.9	667.1	621.1	576.0	529.5	483.9	439.8
-55°	810.8	774.9	739.8	704.9	670.3	630.2	587.8	542.9	497.4	454.8	409.8
-57.5°	761.8	729.0	697.3	665.8	634.7	595.1	551.9	508.0	461.1	418.0	375.7
-60°	709.9	681.3	650.0	619.5	590.0	554.8	508.0	462.8	419.5	378.7	337.8
-62.5°	645.3	617.4	590.2	560.7	529.7	494.9	452.3	410.7	373.2	337.7	300.9
-65°	571.0	545.4	519.1	490.0	457.6	421.8	385.6	355.0	326.1	295.9	263.5
-67.5°	495.1	471.9	444.9	415.7	387.8	359.0	332.9	306.7	279.7	251.9	222.9
-70°	426.3	407.9	385.9	360.4	333.9	306.9	282.1	257.7	232.7	209.4	187.1
-72.5°	360.5	343.6	323.7	300.5	277.0	254.6	233.5	213.7	194.1	174.9	155.1
-75°	293.7	279.5	263.8	244.9	226.0	207.0	189.7	173.6	157.1	140.2	123.4
-77.5°	231.6	221.2	209.7	194.9	180.0	165.2	150.5	136.0	122.3	109.6	97.9
-80°	175.1	167.3	158.6	146.7	134.8	123.0	111.5	101.6	92.3	83.8	75.6
-82.5°	121.9	115.7	109.3	100.9	92.5	84.2	76.2	70.2	64.3	58.6	53.1
-85°	73.3	69.9	66.4	61.6	57.0	52.7	48.7	45.3	41.9	38.4	34.9
-87.5°	34.8	32.4	29.9	29.3	28.6	27.8	27.0	24.5	22.1	19.7	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



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	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	0.3	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.1	3.1	3.4	2.5
67.5°	0.0	0.0	0.0	1.7	2.8	2.3	0.5	1.4	3.3	5.3	4.6
65°	2.8	1.9	0.2	2.1	4.1	5.3	4.0	2.5	3.6	5.5	6.8
62.5°	4.8	6.2	4.6	3.4	4.5	6.5	7.6	5.1	4.3	5.8	7.7
60°	5.4	7.4	8.3	6.5	5.8	6.9	8.2	7.5	5.9	6.2	8.0
57.5°	14.5	9.3	9.3	8.9	7.4	7.6	8.2	8.2	7.3	6.9	8.2
55°	26.9	19.7	13.9	11.1	9.3	8.1	8.4	8.2	8.2	7.6	8.2
52.5°	46.8	34.0	24.9	16.9	12.5	9.3	9.3	8.2	8.2	8.0	8.2
50°	74.6	53.6	39.3	28.3	17.6	13.8	10.7	9.6	8.2	8.2	8.2
47.5°	109.1	80.1	57.3	41.3	29.0	18.7	14.7	11.4	8.2	8.2	8.2
45°	134.6	111.8	79.9	57.8	40.7	28.1	19.8	13.6	10.2	8.5	8.2
42.5°	159.7	139.1	108.7	74.1	56.0	38.7	25.3	18.2	12.5	9.0	8.5
40°	191.8	165.9	136.3	101.0	72.8	49.2	34.3	23.5	15.1	10.5	9.2
37.5°	224.8	195.9	163.6	126.9	91.8	65.2	43.5	29.0	19.0	13.4	10.0
35°	261.9	227.2	190.6	151.7	114.3	81.8	52.3	35.6	24.3	16.4	11.0
32.5°	299.4	257.3	215.8	175.7	135.3	98.8	64.8	44.1	29.3	19.6	12.1
30°	335.8	287.0	239.0	198.7	155.3	116.8	80.5	53.3	34.2	22.9	13.7
27.5°	368.8	316.1	261.5	219.2	175.4	133.7	96.2	63.3	38.8	26.6	16.4
25°	403.3	345.7	287.2	237.4	194.3	150.7	110.8	74.0	45.7	30.5	19.0
22.5°	442.7	375.6	311.9	253.9	214.2	167.4	124.8	86.6	54.0	34.2	21.7
20°	484.8	405.2	336.8	277.3	232.8	184.5	138.7	98.2	62.4	37.8	24.3
17.5°	528.0	437.6	366.8	304.0	251.2	200.5	151.9	108.8	70.9	41.1	26.9
15°	557.3	470.2	393.8	329.0	269.7	215.3	164.4	118.4	79.2	44.2	29.5
12.5°	581.9	498.2	417.7	352.1	287.9	228.8	176.0	127.0	87.4	48.4	32.0
10°	603.6	521.8	438.4	373.2	305.4	241.0	186.8	134.6	94.9	53.7	34.3
7.5°	622.3	541.3	456.3	392.4	322.2	253.4	195.7	141.3	101.4	59.1	36.3
5°	637.9	558.0	471.2	404.7	337.7	266.3	203.2	147.2	107.0	64.4	38.2
2.5°	650.4	573.3	483.9	413.7	351.2	278.1	209.4	152.3	111.6	69.5	39.8
0°	659.5	585.3	494.6	420.4	362.7	288.5	214.3	156.6	115.4	74.2	41.2
-2.5°	665.5	587.3	506.0	428.2	369.6	297.1	224.3	161.9	118.5	78.4	43.7
-5°	668.1	587.1	514.5	434.2	374.6	304.0	232.8	166.3	120.9	82.0	45.9
-7.5°	671.8	589.8	519.1	438.9	378.0	309.4	239.2	169.6	122.7	85.0	48.0
-10°	673.2	592.6	520.2	444.7	380.7	313.2	243.4	171.6	124.0	87.1	49.7
-12.5°	671.3	592.3	519.9	448.0	382.0	315.5	245.6	174.9	125.2	88.5	51.3
-15°	666.0	588.9	518.7	448.3	381.9	316.3	246.3	177.8	127.7	88.8	52.5
-17.5°	657.8	582.0	516.8	445.6	380.3	315.9	245.5	179.2	129.0	88.2	53.8
-20°	649.6	575.8	514.1	439.6	377.4	314.1	243.4	178.9	129.0	86.9	54.9

Classified

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Scaled Data Report



REPORT NUMBER: P627718 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	638.9	569.9	504.9	433.7	373.3	311.2	240.0	176.8	127.5	84.9	55.6
-25°	625.3	561.0	494.5	429.0	368.1	305.4	236.0	173.0	124.5	82.3	55.8
-27.5°	611.8	548.9	483.5	422.6	360.9	298.3	230.7	169.3	120.3	79.0	55.6
-30°	596.1	535.3	473.9	413.8	350.9	288.2	223.1	163.6	115.9	77.3	55.0
-32.5°	578.9	521.7	463.0	400.5	338.4	277.1	213.5	155.8	110.7	76.4	54.4
-35°	561.5	506.5	449.9	384.0	324.8	265.0	203.7	145.9	104.8	74.8	53.6
-37.5°	541.2	487.6	428.6	366.2	310.3	252.0	194.6	140.2	98.3	72.7	52.6
-40°	517.9	464.4	404.3	349.6	295.1	238.2	184.7	135.1	94.1	69.9	51.4
-42.5°	491.9	438.5	384.8	332.5	279.2	226.5	174.5	128.7	92.2	67.7	49.9
-45°	465.2	415.1	366.5	315.0	263.1	214.2	165.9	121.7	89.4	65.7	48.4
-47.5°	440.2	395.2	346.7	296.1	249.1	201.6	155.9	117.0	85.5	63.5	46.7
-50°	419.1	373.4	324.9	276.9	232.6	188.9	145.6	111.0	82.3	61.0	44.7
-52.5°	394.8	348.7	301.1	255.8	215.1	174.6	136.7	103.7	77.7	58.0	42.3
-55°	365.9	320.1	274.6	234.8	196.8	161.0	126.4	96.2	71.9	54.5	39.5
-57.5°	332.0	287.6	250.3	214.1	178.4	145.9	114.8	87.2	66.7	50.6	36.3
-60°	297.3	261.3	227.1	191.9	159.0	129.5	101.7	78.1	61.3	46.2	32.8
-62.5°	266.4	233.5	199.9	167.6	138.9	112.3	88.1	71.1	55.5	41.5	29.0
-65°	231.7	200.6	170.5	144.0	118.5	96.1	79.1	63.5	49.2	36.3	25.5
-67.5°	194.4	169.6	144.3	120.2	101.4	84.8	69.5	55.3	42.4	30.8	23.5
-70°	164.3	141.1	120.3	103.2	87.6	72.9	59.3	46.7	35.2	27.5	21.1
-72.5°	135.6	117.6	101.3	86.7	73.1	60.4	48.5	38.3	30.7	24.1	18.6
-75°	108.0	95.1	82.2	69.5	58.1	47.6	39.8	32.2	25.9	20.5	16.3
-77.5°	86.5	74.9	63.2	54.2	47.1	40.0	32.8	25.9	21.4	17.7	14.0
-80°	66.6	58.5	51.4	45.2	38.8	32.2	26.6	21.8	18.5	15.1	11.7
-82.5°	47.9	43.6	39.8	36.2	31.1	26.5	22.2	18.5	15.5	12.4	9.1
-85°	32.6	30.6	28.7	27.0	23.6	20.5	17.0	13.9	11.0	8.4	6.1
-87.5°	16.7	15.9	15.0	14.2	12.2	10.3	8.6	7.0	5.5	4.2	3.1
-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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CATALOG NUMBER: GFLD-SA5D-750-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.7	0.1	0.0	0.1	1.1	0.0
72.5°	0.4	1.2	0.9	0.0	0.2	1.3	0.0
70°	0.9	1.9	1.7	0.2	0.3	1.5	0.0
67.5°	2.9	2.5	2.5	1.0	0.5	1.7	0.0
65°	4.7	3.5	3.3	1.8	0.6	1.9	0.0
62.5°	6.5	4.7	4.2	2.6	0.9	2.1	0.0
60°	8.0	5.7	5.1	3.5	1.1	2.3	0.0
57.5°	8.2	6.7	5.8	4.3	1.8	2.5	0.0
55°	8.2	7.6	6.3	5.2	2.5	2.8	0.0
52.5°	8.2	8.2	6.8	6.1	3.1	3.0	0.0
50°	8.2	8.2	7.2	7.0	3.7	3.3	0.0
47.5°	8.2	8.2	7.6	7.8	4.3	3.5	0.0
45°	8.2	8.2	7.9	8.0	4.8	3.7	0.0
42.5°	8.2	8.2	8.1	8.1	5.3	4.0	0.0
40°	8.2	8.2	8.2	8.2	5.7	4.3	0.0
37.5°	8.2	8.2	8.2	8.2	6.1	4.5	0.0
35°	8.2	8.2	8.2	8.2	6.5	4.8	0.0
32.5°	8.4	8.2	8.2	8.2	6.8	5.1	0.0
30°	9.3	8.2	8.2	8.2	7.1	5.3	0.0
27.5°	10.2	8.2	8.2	8.2	7.3	5.6	0.0
25°	11.2	8.2	8.2	8.2	7.5	5.9	0.0
22.5°	12.3	8.4	8.2	8.2	7.7	6.1	0.0
20°	13.3	9.0	8.2	8.2	7.9	6.4	0.0
17.5°	14.8	9.7	8.2	8.2	8.0	6.6	0.0
15°	16.5	10.6	8.2	8.2	8.1	6.9	0.0
12.5°	18.1	11.5	8.2	8.2	8.1	7.1	0.0
10°	19.6	12.5	8.2	8.2	8.2	7.4	0.0
7.5°	21.0	13.5	8.2	8.2	8.2	7.6	0.0
5°	22.3	14.5	8.2	8.2	8.2	7.8	0.0
2.5°	23.6	15.5	8.2	8.2	8.2	8.0	0.0
0°	24.7	16.5	8.2	8.2	8.2	8.2	0.0
-2.5°	26.9	17.4	8.9	8.2	8.2	8.2	0.0
-5°	28.9	18.2	9.6	8.2	8.2	8.2	0.0
-7.5°	30.7	18.9	10.3	8.2	8.2	8.1	0.0
-10°	32.3	19.5	10.9	8.2	8.2	8.1	0.0
-12.5°	33.7	20.0	11.5	8.2	8.2	8.0	0.0
-15°	34.7	20.5	11.9	8.2	8.2	7.9	0.0
-17.5°	35.4	20.8	12.3	8.2	8.2	7.8	0.0
-20°	35.9	21.1	12.5	8.2	8.2	7.7	0.0

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CATALOG NUMBER: GFLD-SA5D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.3	21.3	12.6	8.2	8.2	7.6	0.0
-25°	36.6	21.8	12.6	8.2	8.2	7.4	0.0
-27.5°	36.6	22.4	12.4	8.2	8.2	7.3	0.0
-30°	36.4	22.8	12.1	8.2	8.2	7.1	0.0
-32.5°	36.0	22.9	12.1	8.2	8.2	6.9	0.0
-35°	35.9	22.9	11.9	8.2	8.2	6.7	0.0
-37.5°	35.7	22.7	11.6	8.2	8.2	6.5	0.0
-40°	35.3	22.2	11.2	8.2	8.2	6.3	0.0
-42.5°	34.5	21.5	11.1	8.3	8.2	6.0	0.0
-45°	33.5	20.6	11.4	8.5	8.2	5.8	0.0
-47.5°	32.1	19.6	11.6	8.7	8.2	5.5	0.0
-50°	30.5	18.3	11.7	8.8	8.2	5.3	0.0
-52.5°	28.5	16.8	11.7	8.9	8.2	5.0	0.0
-55°	26.3	16.3	11.6	8.9	8.2	4.7	0.0
-57.5°	23.9	15.9	11.5	8.9	8.2	4.4	0.0
-60°	21.3	15.4	11.2	8.8	8.2	4.1	0.0
-62.5°	20.3	14.8	10.9	8.7	7.6	3.8	0.0
-65°	19.0	14.0	10.5	8.6	6.9	3.5	0.0
-67.5°	17.6	13.1	10.0	8.4	6.3	3.1	0.0
-70°	16.0	12.1	9.5	8.2	5.6	2.8	0.0
-72.5°	14.3	11.0	8.9	7.4	4.9	2.5	0.0
-75°	12.4	9.9	8.3	6.3	4.2	2.1	0.0
-77.5°	10.5	8.6	7.1	5.3	3.5	1.8	0.0
-80°	8.4	7.1	5.7	4.3	2.8	1.4	0.0
-82.5°	6.3	5.3	4.3	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)