

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: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627950 (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-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

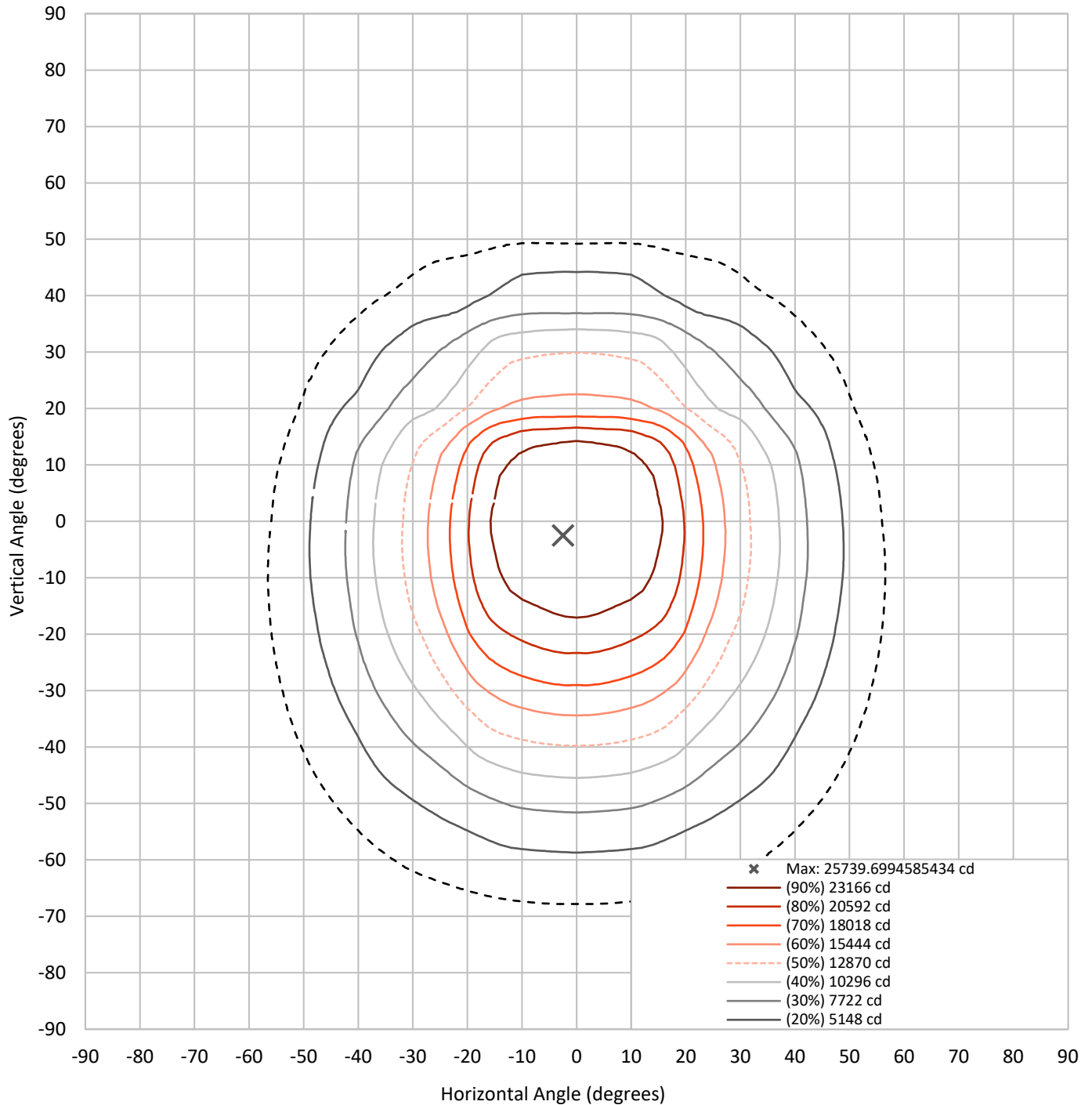
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34350.5 lumens	Max Intensity:	25739.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.4 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:	19874.1 lumens	Field Lumens:	32596.4 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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Iso-Candela Plot





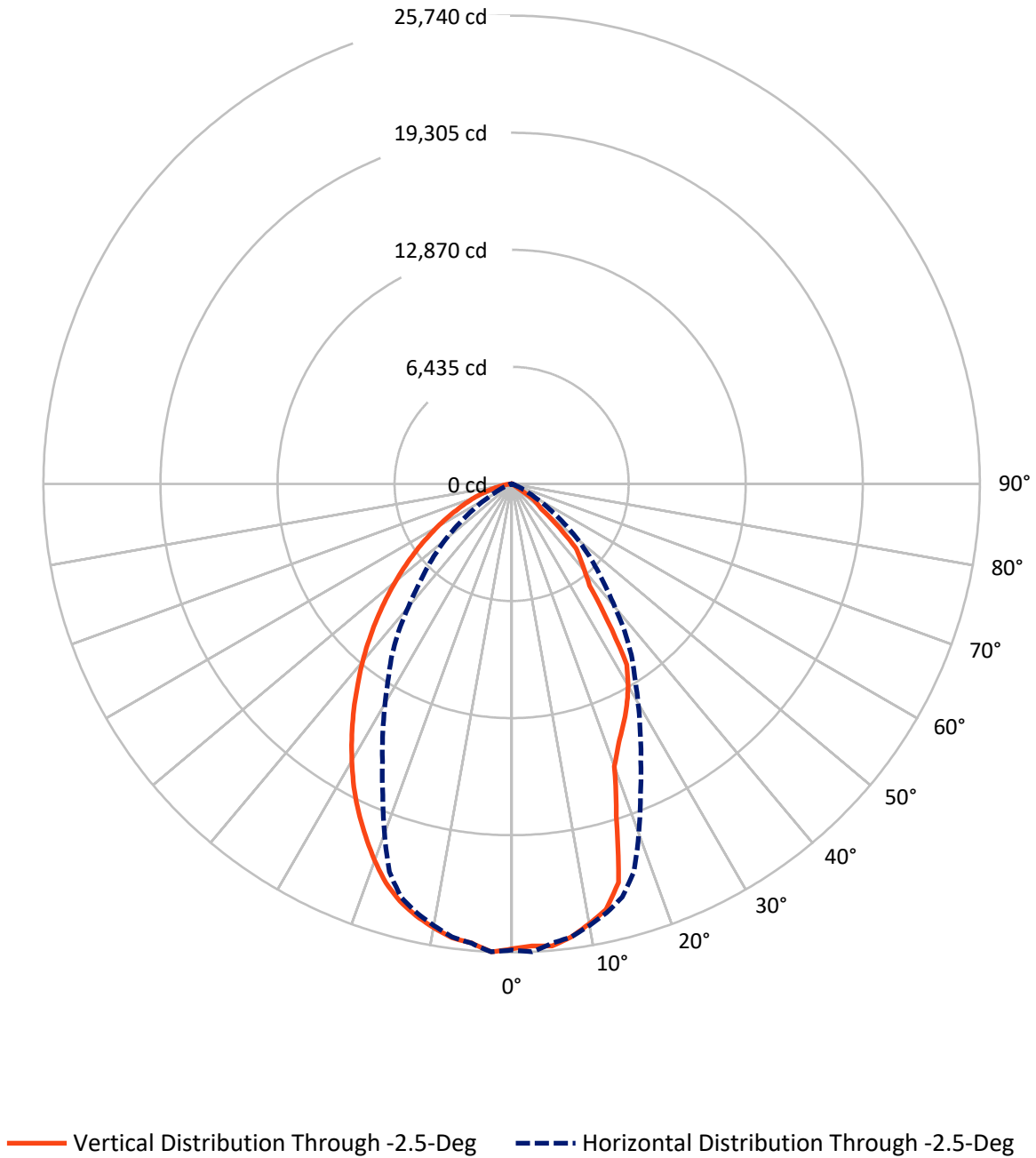
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Lumen Table

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	3.2	9.4	18.1	26.8	33.4	33.4	26.8	18.1	9.4	3.2	0.7	0.3				
40	0.6	0.6	3.8	17.6	42.6	76.7	113.2	138.7	138.7	113.2	76.7	42.6	17.6	3.8	0.6	0.6			
30		1.7	12.8	44.6	99.5	161.4	242.0	282.9	282.9	242.0	161.4	99.5	44.6	12.8	1.7				
20	1.1	3.8	24.7	79.0	160.4	254.3	381.5	438.5	438.5	381.5	254.3	160.4	79.0	24.7	3.8	1.1			
10		6.5	37.9	117.0	231.1	380.3	566.2	649.3	649.3	566.2	380.3	231.1	117.0	37.9	6.5				
0	1.7	8.9	49.2	139.0	276.4	454.5	668.6	758.7	758.7	668.6	454.5	276.4	139.0	49.2	8.9	1.7			
-10		10.6	54.3	144.3	283.8	464.9	673.5	761.5	761.5	673.5	464.9	283.8	144.3	54.3	10.6				
-20	2.2	11.0	53.1	136.6	267.6	435.3	625.1	706.3	706.3	625.1	435.3	267.6	136.6	53.1	11.0	2.2			
-30		10.0	46.4	119.1	231.1	370.0	524.0	593.5	593.5	524.0	370.0	231.1	119.1	46.4	10.0				
-40	2.2	8.4	37.0	93.7	181.8	285.4	400.2	453.1	453.1	400.2	285.4	181.8	93.7	37.0	8.4	2.2			
-50		6.8	27.3	66.8	130.3	200.7	277.0	314.4	314.4	277.0	200.7	130.3	66.8	27.3	6.8				
-60	1.6	5.0	17.9	42.9	81.0	124.6	169.3	193.1	193.1	169.3	124.6	81.0	42.9	17.9	5.0	1.6			
-70		3.6	10.8	25.1	44.5	66.1	87.5	99.1	99.1	87.5	66.1	44.5	25.1	10.8	3.6				
-80	0.6	8.0		37.0		80.8		90.2		80.8		37.0		8.0		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

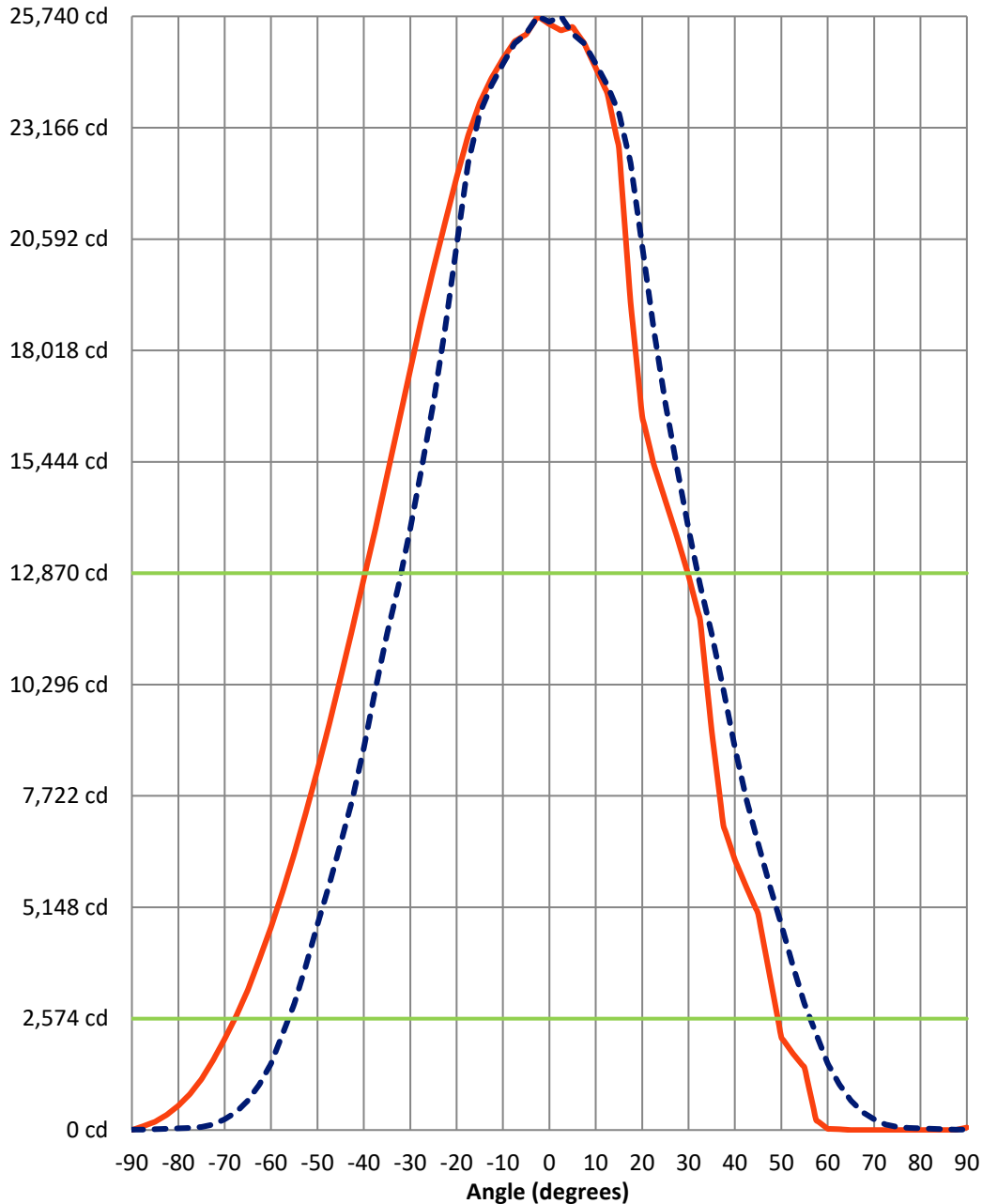
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 19874.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 32596.4
 Efficiency: 94.9%

Spill:
 Lumens: 1754.1
 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°	9.6	9.6	9.6	12.0	14.4	16.8	19.2	21.6	24.0	26.4	28.8
87.5°	9.6	9.6	9.6	9.3	8.8	8.0	7.1	5.0	3.2	1.5	0.0
85°	9.6	9.6	9.6	9.0	7.9	6.5	4.7	2.9	1.5	0.6	0.0
82.5°	9.6	9.6	9.6	8.7	7.1	5.0	2.3	0.7	0.2	1.4	2.5
80°	9.6	9.6	9.6	8.4	6.4	3.5	0.5	1.9	3.5	5.0	6.6
77.5°	9.6	9.6	9.6	8.2	5.7	3.2	3.0	4.7	6.7	8.6	8.7
75°	9.6	9.6	9.6	7.9	5.3	4.7	5.4	7.5	9.5	7.8	5.1
72.5°	9.6	9.6	9.6	7.7	6.1	6.2	7.7	9.5	8.2	5.6	1.7
70°	9.6	9.6	9.6	7.7	6.9	7.6	9.6	9.1	7.0	3.7	4.4
67.5°	9.6	9.6	9.6	8.0	7.7	9.0	9.9	8.8	6.2	7.4	8.6
65°	9.6	9.6	9.6	8.3	8.4	9.9	10.3	8.8	9.6	11.2	11.8
62.5°	9.6	9.6	9.6	8.6	9.0	10.7	10.8	10.8	12.9	14.6	13.2
60°	9.6	9.6	9.6	8.9	9.6	11.5	11.4	13.7	16.2	16.7	15.0
57.5°	9.6	9.6	9.7	9.1	10.5	12.4	13.7	16.6	19.0	19.2	18.8
55°	9.6	9.6	9.9	9.3	11.5	13.5	16.1	19.4	21.9	22.3	23.3
52.5°	9.6	9.6	10.0	9.4	12.5	14.7	18.5	22.2	25.0	26.4	27.9
50°	9.6	9.6	10.2	9.5	13.6	16.7	20.8	25.0	28.5	30.5	32.4
47.5°	9.6	9.6	10.5	9.8	14.7	18.6	23.1	27.6	32.1	34.5	36.9
45°	9.6	9.6	10.8	10.7	15.8	20.5	25.4	30.3	35.4	38.5	41.3
42.5°	9.6	9.6	11.1	11.6	17.0	22.3	27.6	33.2	39.0	42.5	50.2
40°	9.6	9.6	11.4	12.7	18.3	24.1	29.7	36.5	42.8	46.5	59.9
37.5°	9.6	9.6	11.8	14.0	19.7	25.8	31.8	39.9	46.8	52.9	69.8
35°	9.6	9.6	12.2	15.3	21.1	27.5	33.8	43.4	51.0	65.0	88.9
32.5°	9.6	9.6	12.6	16.5	22.3	29.1	36.0	47.0	55.4	79.2	126.8
30°	9.6	9.6	13.1	17.7	23.6	30.6	38.9	50.6	60.0	95.4	163.7
27.5°	9.6	9.6	13.6	18.9	25.1	32.1	41.8	54.4	68.0	113.4	199.5
25°	9.6	9.6	14.1	20.0	26.6	33.5	44.6	58.1	81.9	139.7	234.5
22.5°	9.6	9.6	14.6	21.1	28.0	35.0	47.4	61.9	96.6	168.6	280.7
20°	9.6	9.6	15.1	22.1	29.4	36.7	50.2	65.7	111.8	196.0	326.7
17.5°	9.6	9.6	15.7	23.1	30.8	38.4	53.0	69.4	127.3	221.9	371.8
15°	9.6	9.6	16.2	24.1	32.1	40.0	55.6	74.3	142.8	246.1	415.7
12.5°	9.6	9.6	16.8	25.0	33.3	41.6	58.1	81.0	160.1	268.6	457.8
10°	9.6	9.6	17.3	25.8	34.4	43.0	60.4	87.9	178.4	294.7	499.9
7.5°	9.6	9.6	17.8	26.7	35.5	44.4	62.4	95.1	195.9	320.1	544.3
5°	9.6	9.6	18.3	27.4	36.6	45.7	64.3	102.1	212.1	343.7	585.1
2.5°	9.6	9.6	18.8	28.1	37.5	46.9	65.9	108.9	227.0	365.1	621.6
0°	9.6	9.6	19.2	28.8	38.4	48.0	67.3	115.3	240.2	384.3	653.4
-2.5°	9.6	9.6	19.2	28.8	38.4	48.0	67.3	115.3	240.2	384.3	653.4
-5°	9.6	9.6	19.1	28.7	39.9	50.0	74.4	137.8	257.4	441.3	705.4
-7.5°	9.6	9.6	19.0	28.6	40.5	50.8	77.4	147.2	263.4	463.0	723.7
-10°	9.6	9.6	18.9	28.4	41.0	51.5	79.9	154.9	267.9	478.7	737.2
-12.5°	9.6	9.6	18.7	28.1	41.3	52.2	81.8	160.7	270.9	486.9	747.7
-15°	9.6	9.6	18.5	27.8	41.4	52.7	82.9	164.2	276.6	486.1	751.5
-17.5°	9.6	9.6	18.3	27.5	41.3	53.1	83.4	167.7	284.8	481.1	746.9
-20°	9.6	9.6	18.0	27.1	41.1	53.4	85.5	171.2	290.2	472.3	733.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-740-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°	9.6	9.6	17.7	26.6	40.6	53.7	91.0	172.7	292.6	459.7	709.8
-25°	9.6	9.6	17.4	26.1	39.9	57.2	95.5	172.2	291.7	443.4	676.6
-27.5°	9.6	9.6	17.0	25.5	38.9	61.7	99.0	169.6	287.6	429.5	652.3
-30°	9.6	9.6	16.6	24.9	38.0	65.5	101.4	164.8	282.2	423.2	625.0
-32.5°	9.6	9.6	16.2	24.3	39.3	68.7	102.7	165.1	275.4	412.7	594.2
-35°	9.6	9.6	15.7	23.6	40.4	71.1	105.5	166.0	265.8	397.8	560.0
-37.5°	9.6	9.6	15.2	22.8	41.0	72.7	108.3	165.4	253.5	378.4	544.7
-40°	9.6	9.6	14.7	22.0	41.3	73.3	110.0	163.2	238.5	360.0	527.5
-42.5°	9.6	9.6	14.1	21.6	41.6	73.3	110.5	159.4	230.0	345.1	501.4
-45°	9.6	9.6	13.6	21.7	41.8	72.8	110.0	156.0	223.8	326.7	468.5
-47.5°	9.6	9.6	13.0	21.6	41.6	71.7	108.3	153.8	215.8	304.6	442.6
-50°	9.6	9.6	12.3	21.3	40.8	70.1	106.0	150.0	209.4	296.7	411.7
-52.5°	9.6	9.6	11.7	20.9	39.6	67.9	103.1	144.7	204.0	286.3	378.6
-55°	9.6	9.6	11.0	20.3	37.9	65.1	99.4	138.1	197.3	273.3	362.8
-57.5°	9.6	9.6	10.3	19.6	35.8	61.6	95.0	132.3	188.0	259.6	344.1
-60°	9.6	9.6	9.6	18.7	33.2	57.4	89.8	125.8	176.3	243.4	322.6
-62.5°	9.6	9.6	9.6	17.7	31.4	52.5	82.5	117.3	161.6	224.2	297.5
-65°	9.6	9.6	9.6	16.5	29.4	47.1	74.4	106.2	143.9	199.0	269.0
-67.5°	9.6	9.6	9.6	15.3	27.1	42.3	65.5	93.3	123.5	169.4	231.1
-70°	9.6	9.6	9.6	13.9	24.6	38.4	55.8	79.5	105.8	136.6	186.8
-72.5°	9.6	9.6	9.6	13.5	22.0	34.2	49.2	65.0	87.3	113.3	142.9
-75°	9.6	9.6	9.6	13.4	19.1	29.8	42.9	54.8	68.0	89.3	113.7
-77.5°	9.6	9.6	9.6	13.3	18.1	25.2	36.2	46.1	56.4	67.6	83.4
-80°	9.6	9.6	9.6	13.1	17.5	22.7	29.2	37.1	45.4	54.5	64.2
-82.5°	9.6	9.6	9.6	12.9	16.8	21.3	26.4	30.1	34.2	41.1	48.4
-85°	9.6	9.6	9.6	12.6	16.0	19.8	24.1	27.3	30.5	33.7	36.8
-87.5°	9.6	9.6	9.6	12.3	15.2	18.3	21.7	24.5	27.3	30.1	32.8
-90°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.2	4.8	2.4	0.0



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CATALOG NUMBER: GFLD-SA6D-740-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	31.2	33.6	36.0
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.8	2.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.3	5.1	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.5	2.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.0	0.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	2.7	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	5.4	5.9	3.9	1.6	0.0	0.5	1.4	1.0	0.0	0.5	1.2
67.5°	8.9	6.6	4.3	2.7	3.6	4.8	4.5	4.9	5.2	5.7	4.9
65°	9.4	7.1	7.2	8.4	9.4	10.4	11.2	11.9	10.0	8.7	8.9
62.5°	10.0	10.8	12.5	14.0	15.4	16.7	16.8	14.9	11.4	14.2	16.3
60°	14.3	15.7	17.7	19.6	21.5	22.5	21.6	21.8	24.2	28.1	54.0
57.5°	19.3	20.5	22.9	26.0	28.6	29.1	29.9	32.5	76.1	124.3	137.3
55°	24.2	25.3	29.4	34.1	36.9	36.7	52.7	111.1	167.7	232.3	256.1
52.5°	29.2	31.3	38.2	43.9	47.5	74.1	133.5	212.8	296.3	370.5	466.3
50°	34.2	41.1	48.3	56.7	90.4	159.6	246.5	354.7	480.5	599.1	720.5
47.5°	42.7	51.4	62.4	89.4	178.3	274.3	394.5	568.6	723.8	867.3	1033.7
45°	52.9	71.0	83.1	177.0	280.2	404.2	607.7	820.5	961.3	1153.4	1448.0
42.5°	63.3	98.3	158.8	267.4	393.2	593.1	845.4	1026.7	1214.2	1525.5	1835.2
40°	91.1	131.9	239.5	368.7	528.1	819.6	1078.5	1283.9	1539.9	1884.9	2208.3
37.5°	124.8	201.2	321.8	476.8	739.7	1059.2	1336.6	1630.0	1924.2	2249.5	2849.4
35°	162.3	265.6	426.2	635.3	951.6	1325.1	1655.7	1983.5	2322.6	2963.2	3558.4
32.5°	211.2	324.9	535.3	819.6	1180.6	1590.5	1974.4	2353.2	2897.1	3622.1	4219.4
30°	263.7	420.2	660.8	990.1	1396.1	1833.6	2295.1	2753.8	3473.7	4073.6	4722.0
27.5°	318.7	520.8	808.1	1168.3	1598.0	2063.0	2583.9	3238.2	3880.3	4473.0	5185.6
25°	375.1	625.7	942.7	1338.7	1796.6	2311.0	2910.1	3707.1	4209.3	4864.4	5607.7
22.5°	447.7	726.0	1076.1	1493.1	1980.6	2565.8	3329.8	4130.2	4721.2	5272.2	5998.3
20°	531.6	838.9	1221.1	1686.6	2161.0	2814.7	3747.1	4588.9	5284.2	5915.0	6582.0
17.5°	610.0	944.4	1376.2	1884.2	2423.3	3133.6	4156.6	5088.3	5853.3	6556.4	7389.1
15°	682.5	1042.1	1528.2	2071.2	2681.2	3499.0	4523.8	5547.0	6420.7	7211.7	8157.9
12.5°	748.8	1131.3	1674.5	2246.2	2924.1	3814.0	4832.2	5830.8	6791.1	7821.8	8895.7
10°	808.6	1211.5	1812.8	2407.7	3149.2	4080.4	5087.0	6067.5	7036.4	8127.1	9320.2
7.5°	872.7	1286.5	1938.3	2554.5	3354.0	4300.5	5290.5	6257.5	7234.5	8371.3	9596.2
5°	931.9	1355.4	2038.0	2659.8	3512.4	4472.2	5443.6	6401.6	7385.0	8553.2	9805.2
2.5°	983.9	1413.4	2119.2	2742.3	3629.8	4598.5	5543.1	6521.9	7496.6	8701.1	9964.7
0°	1028.1	1460.5	2181.1	2805.7	3718.5	4688.9	5601.7	6601.0	7561.8	8801.3	10069.7
-2.5°	1056.4	1537.6	2223.7	2916.2	3796.0	4748.1	5654.1	6623.2	7632.1	8833.0	10187.5
-5°	1076.2	1600.0	2249.4	3001.4	3846.7	4774.3	5671.4	6606.0	7650.9	8825.1	10204.9
-7.5°	1087.8	1644.1	2261.4	3049.8	3864.5	4758.6	5642.2	6573.5	7620.2	8794.8	10128.5
-10°	1094.4	1658.0	2277.7	3035.2	3841.1	4707.1	5577.2	6497.2	7533.0	8696.6	9983.6
-12.5°	1112.5	1649.2	2274.8	3002.9	3790.5	4629.3	5480.8	6376.3	7387.7	8529.0	9783.2
-15°	1117.1	1629.3	2247.5	2955.3	3713.3	4527.5	5354.6	6210.6	7208.7	8365.7	9561.5
-17.5°	1107.0	1599.5	2194.3	2894.7	3609.9	4404.1	5206.0	6061.3	7040.7	8177.3	9328.8
-20°	1081.3	1560.7	2113.9	2823.0	3487.1	4267.0	5057.2	5904.8	6847.6	7916.0	9068.3



REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	1039.1	1513.9	2026.9	2723.0	3381.1	4109.5	4882.8	5691.4	6605.6	7577.0	8718.2
-25°	995.7	1461.0	1958.4	2585.5	3253.6	3925.7	4682.4	5430.7	6321.3	7275.3	8288.0
-27.5°	954.4	1387.2	1887.1	2435.0	3103.5	3729.4	4455.8	5185.7	6001.5	6936.6	7869.0
-30°	900.5	1307.3	1800.1	2290.2	2924.0	3544.5	4203.1	4921.4	5655.0	6542.4	7459.7
-32.5°	852.8	1224.5	1701.0	2179.9	2731.0	3336.2	3930.7	4615.3	5331.3	6087.8	6994.2
-35°	821.0	1175.4	1596.1	2052.5	2534.1	3109.7	3675.1	4269.9	4963.4	5673.3	6469.2
-37.5°	795.2	1119.0	1485.6	1919.7	2378.1	2872.2	3401.4	3948.7	4553.8	5269.6	6017.9
-40°	754.6	1055.5	1403.8	1793.2	2197.6	2646.8	3138.1	3633.5	4158.1	4857.3	5595.6
-42.5°	702.6	994.1	1326.6	1655.4	2024.9	2435.0	2871.7	3338.3	3842.4	4449.8	5128.4
-45°	662.6	915.5	1240.8	1535.4	1841.2	2216.3	2626.4	3049.0	3524.5	4045.9	4655.5
-47.5°	611.8	830.1	1128.7	1403.9	1673.4	1993.5	2368.6	2768.6	3189.7	3659.6	4159.2
-50°	557.4	758.8	991.5	1259.4	1516.4	1782.6	2102.5	2472.4	2854.5	3264.1	3709.8
-52.5°	516.2	675.5	887.8	1110.9	1355.8	1597.3	1869.6	2186.8	2528.1	2870.3	3262.4
-55°	469.5	614.1	789.2	989.1	1197.6	1421.1	1669.1	1946.9	2225.1	2539.5	2852.4
-57.5°	436.6	555.1	706.8	880.6	1067.8	1257.8	1491.9	1726.6	1984.2	2244.4	2504.0
-60°	411.0	504.1	629.9	782.9	949.9	1127.5	1319.5	1536.4	1758.2	1970.5	2194.9
-62.5°	381.7	462.6	561.0	685.8	836.7	991.2	1160.3	1346.1	1546.8	1725.6	1899.5
-65°	343.7	414.0	498.4	600.0	718.5	849.1	993.2	1149.9	1323.3	1468.4	1610.5
-67.5°	300.1	359.3	430.2	513.1	611.9	713.8	819.6	952.1	1092.9	1211.2	1327.0
-70°	245.3	300.1	357.9	425.6	503.0	589.4	682.5	778.6	875.0	971.7	1077.6
-72.5°	187.7	237.6	286.7	335.0	396.6	467.4	543.3	624.0	708.1	790.8	871.2
-75°	143.1	175.4	218.4	261.9	304.7	350.8	402.2	466.3	544.5	624.6	698.2
-77.5°	108.1	135.2	163.8	193.7	220.8	254.7	291.8	331.7	396.2	470.2	545.0
-80°	78.0	94.3	117.0	141.0	160.1	178.8	198.3	218.5	266.4	326.1	389.8
-82.5°	57.8	69.0	81.6	95.6	105.2	114.5	124.9	138.2	173.8	214.1	256.7
-85°	39.8	43.1	49.9	57.7	63.1	68.5	74.1	79.7	98.9	120.5	143.5
-87.5°	34.3	36.0	37.8	39.8	40.5	41.1	41.8	42.4	48.8	55.6	62.6
-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: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	38.4	40.8	43.2	45.6	48.0	50.4	52.9	55.3	57.7	57.7	57.7
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	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4.4	4.9	5.0	4.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	10.1	9.7	7.2	4.7	2.3	3.6	5.8	6.9	7.0	6.3	4.8
62.5°	15.2	14.0	12.6	14.6	17.5	20.2	19.4	18.3	17.1	16.2	16.8
60°	56.8	37.9	43.7	55.0	51.4	35.2	57.9	65.5	55.8	38.2	36.9
57.5°	144.0	139.0	159.2	232.6	256.0	233.3	278.7	338.4	336.6	289.9	288.4
55°	306.8	411.7	538.2	558.8	646.8	823.4	960.8	900.6	900.2	945.5	1091.5
52.5°	582.8	681.8	718.7	817.0	1001.1	1134.7	1220.5	1309.4	1406.8	1506.2	1606.9
50°	855.4	951.4	1060.5	1161.2	1416.0	1553.2	1530.3	1714.4	1950.0	2097.1	2172.7
47.5°	1254.6	1406.1	1636.6	1997.7	2187.9	2325.5	2496.4	2704.9	2974.8	3340.9	3622.9
45°	1724.8	1962.9	2319.5	2703.2	2998.3	3132.8	3328.5	3651.4	4081.8	4500.8	4806.8
42.5°	2109.0	2435.7	2838.0	3204.6	3445.3	3666.2	3919.6	4191.9	4684.8	5132.4	5486.1
40°	2610.5	2864.9	3316.3	3661.9	3877.4	4096.4	4497.9	4905.4	5369.0	5786.0	6075.8
37.5°	3246.1	3532.5	4001.9	4392.8	4600.3	4677.7	5360.4	5927.8	6304.5	6836.9	7011.0
35°	3928.9	4400.2	4998.5	5505.3	5708.7	6114.8	6818.1	7609.7	8467.5	8782.9	9051.9
32.5°	4690.7	5272.1	6083.9	6627.7	6918.1	7534.3	8424.4	9269.4	10391.0	10999.7	11181.6
30°	5387.5	6054.8	6752.5	7281.1	7777.4	8519.6	9331.4	10373.3	11410.3	12188.6	12430.4
27.5°	5899.0	6637.2	7308.0	7803.1	8363.1	9163.3	10175.5	11230.6	12248.6	13042.6	13324.8
25°	6387.1	7221.7	7752.8	8328.3	8985.9	9858.0	10979.7	12152.0	13154.7	13825.8	14171.8
22.5°	6942.4	7765.3	8335.4	8822.9	9682.8	10687.7	11728.8	13053.5	14115.8	14651.3	15026.4
20°	7515.6	8446.5	9327.2	9780.7	10524.8	11797.0	12962.6	14213.2	15239.0	15797.0	16192.1
17.5°	8315.2	9501.6	10581.8	11223.9	12020.7	13542.0	14996.3	16261.4	17688.5	18192.5	18675.4
15°	9158.4	10531.5	11796.9	12814.2	13843.4	15350.7	17222.8	18749.5	20377.8	21105.0	21927.1
12.5°	9998.9	11298.3	12444.7	13757.1	15207.6	16541.0	18323.3	20224.4	21702.0	22629.4	23182.9
10°	10627.2	11834.0	12937.1	14252.7	15700.5	17208.8	18979.9	20928.6	22475.4	23266.8	23718.5
7.5°	10966.4	12121.4	13285.0	14618.2	16059.5	17665.8	19490.6	21424.0	23005.6	23772.4	24218.4
5°	11218.2	12327.5	13532.4	14935.8	16393.1	18021.9	19844.2	21754.6	23196.7	24011.6	24575.6
2.5°	11370.6	12458.2	13690.1	15141.1	16602.0	18298.4	20208.7	22188.9	23450.8	24106.3	24625.1
0°	11414.8	12510.2	13778.5	15248.6	16747.5	18457.8	20350.7	22310.8	23588.7	24222.9	24751.4
-2.5°	11464.5	12592.4	13895.5	15318.3	16804.5	18509.9	20442.1	22352.0	23501.6	24141.6	24644.3
-5°	11429.9	12598.7	13897.9	15260.6	16756.6	18448.5	20303.4	22089.2	23291.7	23983.6	24483.5
-7.5°	11326.5	12511.9	13797.7	15107.4	16574.8	18285.9	20133.0	21852.6	23070.8	23800.4	24347.4
-10°	11176.0	12326.8	13621.5	14947.9	16397.8	18026.5	19845.2	21554.6	22720.5	23495.1	24132.6
-12.5°	11009.2	12136.2	13384.0	14656.4	16090.3	17698.9	19461.0	21079.2	22238.2	23083.1	23538.6
-15°	10762.0	11888.4	13081.3	14312.0	15709.7	17270.3	18953.5	20505.9	21644.1	22331.6	22835.0
-17.5°	10447.6	11552.8	12683.7	13851.0	15167.9	16704.7	18398.1	19929.2	20857.0	21471.0	21965.9
-20°	10110.9	11132.9	12204.4	13305.8	14582.1	16104.6	17767.7	19103.2	19977.6	20567.6	21034.8



REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-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°	9726.2	10710.4	11691.2	12744.2	13995.6	15391.5	16860.5	18151.0	19091.2	19628.6	20060.3
-25°	9287.2	10244.6	11176.0	12193.0	13343.0	14597.7	15963.7	17231.9	18073.9	18644.7	19072.9
-27.5°	8814.3	9713.8	10623.6	11536.9	12570.9	13820.9	15085.9	16264.1	16982.9	17558.2	17988.9
-30°	8342.3	9151.4	9993.2	10857.7	11828.2	12955.3	14138.6	15129.3	15887.3	16446.3	16846.2
-32.5°	7830.8	8598.6	9344.4	10152.4	11066.1	12059.5	13097.9	14040.3	14850.3	15362.3	15699.3
-35°	7307.0	8050.2	8732.8	9466.2	10272.2	11129.4	12088.0	13017.4	13817.2	14222.4	14550.9
-37.5°	6761.3	7502.4	8149.5	8762.2	9456.6	10250.5	11184.0	12070.8	12761.9	13110.1	13406.2
-40°	6286.9	6939.3	7521.8	8108.1	8672.6	9377.5	10248.8	11107.4	11661.8	12001.2	12276.2
-42.5°	5826.3	6376.6	6853.6	7379.1	7944.1	8639.2	9342.1	10062.0	10507.7	10884.4	11174.0
-45°	5289.8	5781.7	6229.0	6666.1	7181.3	7815.8	8454.4	9031.1	9448.5	9812.6	10094.6
-47.5°	4696.5	5171.4	5605.8	5996.6	6475.4	7004.6	7542.3	8022.2	8434.4	8794.1	9045.8
-50°	4143.5	4567.8	4991.9	5387.5	5802.4	6230.6	6666.7	7087.9	7479.1	7828.7	8042.9
-52.5°	3648.1	4039.6	4410.3	4756.1	5119.2	5481.0	5842.2	6227.9	6587.9	6918.8	7089.8
-55°	3199.9	3553.0	3887.4	4178.7	4470.1	4757.0	5066.6	5422.7	5754.3	6060.7	6183.4
-57.5°	2797.6	3099.7	3395.7	3642.0	3879.9	4108.1	4379.9	4680.6	4970.7	5233.4	5333.8
-60°	2427.6	2667.2	2914.8	3133.4	3340.6	3536.3	3773.4	4015.5	4250.8	4448.8	4534.3
-62.5°	2087.1	2292.2	2479.7	2657.4	2832.9	3009.1	3200.4	3392.5	3582.6	3735.1	3812.3
-65°	1758.9	1922.1	2072.9	2218.9	2360.7	2508.7	2658.5	2804.4	2945.1	3054.1	3121.0
-67.5°	1450.8	1574.9	1694.5	1808.3	1927.0	2046.9	2164.1	2275.9	2381.6	2465.8	2529.8
-70°	1177.7	1273.8	1367.4	1461.6	1560.6	1653.9	1742.1	1825.7	1904.4	1965.2	2014.4
-72.5°	949.3	1027.2	1108.0	1192.9	1272.9	1342.7	1406.1	1467.2	1525.7	1560.0	1585.7
-75°	765.3	830.9	901.2	969.9	1036.7	1089.7	1136.3	1181.4	1224.7	1227.0	1218.4
-77.5°	618.3	676.9	731.3	785.3	838.6	871.3	899.8	929.2	958.8	941.7	914.6
-80°	453.8	502.6	548.8	595.3	641.7	661.0	674.5	686.2	696.0	673.6	645.9
-82.5°	301.2	331.9	361.9	392.5	423.5	435.9	445.1	452.7	458.8	438.5	415.1
-85°	168.0	182.8	197.4	212.0	226.7	235.3	243.2	250.5	257.1	245.1	231.4
-87.5°	69.9	73.2	76.5	79.7	82.9	86.0	89.0	91.9	94.8	95.2	95.5
-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: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	55.3
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	0.0	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°	2.8	0.5	0.0	0.0	0.0	0.5	2.8	4.8	6.3	7.0	6.9
62.5°	17.6	18.4	19.0	19.2	19.0	18.4	17.6	16.8	16.2	17.1	18.3
60°	33.9	29.7	28.7	28.8	28.7	29.7	33.9	36.9	38.2	55.8	65.5
57.5°	266.4	228.0	233.8	259.4	233.8	228.0	266.4	288.4	289.9	336.6	338.4
55°	1244.8	1389.5	1440.6	1412.4	1440.6	1389.5	1244.8	1091.5	945.5	900.2	900.6
52.5°	1686.5	1745.9	1768.8	1768.0	1768.8	1745.9	1686.5	1606.9	1506.2	1406.8	1309.4
50°	2195.6	2175.5	2144.6	2113.9	2144.6	2175.5	2195.6	2172.7	2097.1	1950.0	1714.4
47.5°	3664.2	3600.7	3573.9	3622.4	3573.9	3600.7	3664.2	3622.9	3340.9	2974.8	2704.9
45°	4869.2	4943.6	4999.2	4996.4	4999.2	4943.6	4869.2	4806.8	4500.8	4081.8	3651.4
42.5°	5555.4	5595.0	5606.5	5592.1	5606.5	5595.0	5555.4	5486.1	5132.4	4684.8	4191.9
40°	6166.9	6214.2	6240.7	6264.7	6240.7	6214.2	6166.9	6075.8	5786.0	5369.0	4905.4
37.5°	7068.4	7085.7	7047.9	7023.8	7047.9	7085.7	7068.4	7011.0	6836.9	6304.5	5927.8
35°	9278.6	9323.9	9219.1	9329.8	9219.1	9323.9	9278.6	9051.9	8782.9	8467.5	7609.7
32.5°	11398.3	11610.5	11782.1	11924.1	11782.1	11610.5	11398.3	11181.6	10999.7	10391.0	9269.4
30°	12599.1	12736.0	12809.5	12827.3	12809.5	12736.0	12599.1	12430.4	12188.6	11410.3	10373.3
27.5°	13480.7	13624.2	13713.5	13778.5	13713.5	13624.2	13480.7	13324.8	13042.6	12248.6	11230.6
25°	14330.4	14461.6	14550.9	14585.6	14550.9	14461.6	14330.4	14171.8	13825.8	13154.7	12152.0
22.5°	15212.1	15303.3	15389.1	15431.2	15389.1	15303.3	15212.1	15026.4	14651.3	14115.8	13053.5
20°	16476.0	16426.5	16504.7	16478.5	16504.7	16426.5	16476.0	16192.1	15797.0	15239.0	14213.2
17.5°	19051.9	19078.6	19130.9	19216.9	19130.9	19078.6	19051.9	18675.4	18192.5	17688.5	16261.4
15°	22291.3	22356.5	22687.9	22983.4	22687.9	22356.5	22291.3	21927.1	21105.0	20377.8	18749.5
12.5°	23696.5	23922.0	23957.1	24040.3	23957.1	23922.0	23696.5	23182.9	22629.4	21702.0	20224.4
10°	24165.4	24556.0	24547.6	24645.7	24547.6	24556.0	24165.4	23718.5	23266.8	22475.4	20928.6
7.5°	24521.1	24940.6	25117.9	25193.3	25117.9	24940.6	24521.1	24218.4	23772.4	23005.6	21424.0
5°	24955.6	25186.2	25492.3	25404.7	25492.3	25186.2	24955.6	24575.6	24011.6	23196.7	21754.6
2.5°	25137.7	25499.0	25415.6	25500.8	25415.6	25499.0	25137.7	24625.1	24106.3	23450.8	22188.9
0°	25260.6	25520.0	25558.5	25644.9	25558.5	25520.0	25260.6	24751.4	24222.9	23588.7	22310.8
-2.5°	25111.5	25339.9	25739.7	25616.1	25739.7	25339.9	25111.5	24644.3	24141.6	23501.6	22352.0
-5°	24981.0	25542.9	25324.7	25596.9	25324.7	25542.9	24981.0	24483.5	23983.6	23291.7	22089.2
-7.5°	24913.5	25014.0	25158.8	25366.3	25158.8	25014.0	24913.5	24347.4	23800.4	23070.8	21852.6
-10°	24392.0	24494.8	24760.9	24905.1	24760.9	24494.8	24392.0	24132.6	23495.1	22720.5	21554.6
-12.5°	23826.4	24025.4	24304.9	24395.8	24304.9	24025.4	23826.4	23538.6	23083.1	22238.2	21079.2
-15°	23174.9	23470.5	23742.9	23800.1	23742.9	23470.5	23174.9	22835.0	22331.6	21644.1	20505.9
-17.5°	22346.4	22700.8	22987.1	23050.7	22987.1	22700.8	22346.4	21965.9	21471.0	20857.0	19929.2
-20°	21433.4	21772.9	22016.4	22089.8	22016.4	21772.9	21433.4	21034.8	20567.6	19977.6	19103.2



REPORT NUMBER: P627950 (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°	20456.1	20761.8	20967.6	20936.8	20967.6	20761.8	20456.1	20060.3	19628.6	19091.2	18151.0
-25°	19418.4	19702.1	19898.2	19870.3	19898.2	19702.1	19418.4	19072.9	18644.7	18073.9	17231.9
-27.5°	18321.4	18590.1	18778.5	18784.5	18778.5	18590.1	18321.4	17988.9	17558.2	16982.9	16264.1
-30°	17168.6	17412.7	17565.7	17506.6	17565.7	17412.7	17168.6	16846.2	16446.3	15887.3	15129.3
-32.5°	15979.6	16200.4	16340.6	16382.4	16340.6	16200.4	15979.6	15699.3	15362.3	14850.3	14040.3
-35°	14806.9	15001.4	15122.6	15152.5	15122.6	15001.4	14806.9	14550.9	14222.4	13817.2	13017.4
-37.5°	13641.7	13809.1	13893.7	13855.4	13893.7	13809.1	13641.7	13406.2	13110.1	12761.9	12070.8
-40°	12490.2	12649.6	12746.5	12769.6	12746.5	12649.6	12490.2	12276.2	12001.2	11661.8	11107.4
-42.5°	11358.1	11490.6	11575.7	11616.6	11575.7	11490.6	11358.1	11174.0	10884.4	10507.7	10062.0
-45°	10259.3	10377.8	10457.7	10502.0	10457.7	10377.8	10259.3	10094.6	9812.6	9448.5	9031.1
-47.5°	9190.3	9294.2	9363.2	9397.1	9363.2	9294.2	9190.3	9045.8	8794.1	8434.4	8022.2
-50°	8168.2	8258.2	8322.3	8359.3	8322.3	8258.2	8168.2	8042.9	7828.7	7479.1	7087.9
-52.5°	7198.8	7277.4	7332.1	7360.1	7332.1	7277.4	7198.8	7089.8	6918.8	6587.9	6227.9
-55°	6273.0	6336.8	6387.4	6418.4	6387.4	6336.8	6273.0	6183.4	6060.7	5754.3	5422.7
-57.5°	5409.8	5461.9	5509.9	5544.1	5509.9	5461.9	5409.8	5333.8	5233.4	4970.7	4680.6
-60°	4601.8	4650.9	4691.8	4717.7	4691.8	4650.9	4601.8	4534.3	4448.8	4250.8	4015.5
-62.5°	3872.6	3916.2	3953.5	3977.9	3953.5	3916.2	3872.6	3812.3	3735.1	3582.6	3392.5
-65°	3173.6	3212.6	3240.5	3257.3	3240.5	3212.6	3173.6	3121.0	3054.1	2945.1	2804.4
-67.5°	2584.4	2629.3	2638.3	2632.7	2638.3	2629.3	2584.4	2529.8	2465.8	2381.6	2275.9
-70°	2058.5	2096.6	2105.4	2104.2	2105.4	2096.6	2058.5	2014.4	1965.2	1904.4	1825.7
-72.5°	1609.5	1630.2	1612.6	1585.4	1612.6	1630.2	1609.5	1585.7	1560.0	1525.7	1467.2
-75°	1207.8	1194.6	1175.9	1153.0	1175.9	1194.6	1207.8	1218.4	1227.0	1224.7	1181.4
-77.5°	884.6	851.9	830.4	807.1	830.4	851.9	884.6	914.6	941.7	958.8	929.2
-80°	615.9	583.8	561.7	538.1	561.7	583.8	615.9	645.9	673.6	696.0	686.2
-82.5°	390.1	363.7	350.4	336.3	350.4	363.7	390.1	415.1	438.5	458.8	452.7
-85°	216.7	201.1	192.0	182.6	192.0	201.1	216.7	231.4	245.1	257.1	250.5
-87.5°	95.8	96.0	91.3	86.5	91.3	96.0	95.8	95.5	95.2	94.8	91.9
-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°	52.9	50.4	48.0	45.6	43.2	40.8	38.4	36.0	33.6	31.2	28.8
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	0.2	0.0	0.0	0.8	1.2	0.5	0.0	1.0
67.5°	0.0	0.0	1.7	4.0	5.0	4.9	4.4	4.9	5.7	5.2	4.9
65°	5.8	3.6	2.3	4.7	7.2	9.7	10.1	8.9	8.7	10.0	11.9
62.5°	19.4	20.2	17.5	14.6	12.6	14.0	15.2	16.3	14.2	11.4	14.9
60°	57.9	35.2	51.4	55.0	43.7	37.9	56.8	54.0	28.1	24.2	21.8
57.5°	278.7	233.3	256.0	232.6	159.2	139.0	144.0	137.3	124.3	76.1	32.5
55°	960.8	823.4	646.8	558.8	538.2	411.7	306.8	256.1	232.3	167.7	111.1
52.5°	1220.5	1134.7	1001.1	817.0	718.7	681.8	582.8	466.3	370.5	296.3	212.8
50°	1530.3	1553.2	1416.0	1161.2	1060.5	951.4	855.4	720.5	599.1	480.5	354.7
47.5°	2496.4	2325.5	2187.9	1997.7	1636.6	1406.1	1254.6	1033.7	867.3	723.8	568.6
45°	3328.5	3132.8	2998.3	2703.2	2319.5	1962.9	1724.8	1448.0	1153.4	961.3	820.5
42.5°	3919.6	3666.2	3445.3	3204.6	2838.0	2435.7	2109.0	1835.2	1525.5	1214.2	1026.7
40°	4497.9	4096.4	3877.4	3661.9	3316.3	2864.9	2610.5	2208.3	1884.9	1539.9	1283.9
37.5°	5360.4	4677.7	4600.3	4392.8	4001.9	3532.5	3246.1	2849.4	2249.5	1924.2	1630.0
35°	6818.1	6114.8	5708.7	5505.3	4998.5	4400.2	3928.9	3558.4	2963.2	2322.6	1983.5
32.5°	8424.4	7534.3	6918.1	6627.7	6083.9	5272.1	4690.7	4219.4	3622.1	2897.1	2353.2
30°	9331.4	8519.6	7777.4	7281.1	6752.5	6054.8	5387.5	4722.0	4073.6	3473.7	2753.8
27.5°	10175.5	9163.3	8363.1	7803.1	7308.0	6637.2	5899.0	5185.6	4473.0	3880.3	3238.2
25°	10979.7	9858.0	8985.9	8328.3	7752.8	7221.7	6387.1	5607.7	4864.4	4209.3	3707.1
22.5°	11728.8	10687.7	9682.8	8822.9	8335.4	7765.3	6942.4	5998.3	5272.2	4721.2	4130.2
20°	12962.6	11797.0	10524.8	9780.7	9327.2	8446.5	7515.6	6582.0	5915.0	5284.2	4588.9
17.5°	14996.3	13542.0	12020.7	11223.9	10581.8	9501.6	8315.2	7389.1	6556.4	5853.3	5088.3
15°	17222.8	15350.7	13843.4	12814.2	11796.9	10531.5	9158.4	8157.9	7211.7	6420.7	5547.0
12.5°	18323.3	16541.0	15207.6	13757.1	12444.7	11298.3	9998.9	8895.7	7821.8	6791.1	5830.8
10°	18979.9	17208.8	15700.5	14252.7	12937.1	11834.0	10627.2	9320.2	8127.1	7036.4	6067.5
7.5°	19490.6	17665.8	16059.5	14618.2	13285.0	12121.4	10966.4	9596.2	8371.3	7234.5	6257.5
5°	19844.2	18021.9	16393.1	14935.8	13532.4	12327.5	11218.2	9805.2	8553.2	7385.0	6401.6
2.5°	20208.7	18298.4	16602.0	15141.1	13690.1	12458.2	11370.6	9964.7	8701.1	7496.6	6521.9
0°	20350.7	18457.8	16747.5	15248.6	13778.5	12510.2	11414.8	10069.7	8801.3	7561.8	6601.0
-2.5°	20442.1	18509.9	16804.5	15318.3	13895.5	12592.4	11464.5	10187.5	8833.0	7632.1	6623.2
-5°	20303.4	18448.5	16756.6	15260.6	13897.9	12598.7	11429.9	10204.9	8825.1	7650.9	6606.0
-7.5°	20133.0	18285.9	16574.8	15107.4	13797.7	12511.9	11326.5	10128.5	8794.8	7620.2	6573.5
-10°	19845.2	18026.5	16397.8	14947.9	13621.5	12326.8	11176.0	9983.6	8696.6	7533.0	6497.2
-12.5°	19461.0	17698.9	16090.3	14656.4	13384.0	12136.2	11009.2	9783.2	8529.0	7387.7	6376.3
-15°	18953.5	17270.3	15709.7	14312.0	13081.3	11888.4	10762.0	9561.5	8365.7	7208.7	6210.6
-17.5°	18398.1	16704.7	15167.9	13851.0	12683.7	11552.8	10447.6	9328.8	8177.3	7040.7	6061.3
-20°	17767.7	16104.6	14582.1	13305.8	12204.4	11132.9	10110.9	9068.3	7916.0	6847.6	5904.8



REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	16860.5	15391.5	13995.6	12744.2	11691.2	10710.4	9726.2	8718.2	7577.0	6605.6	5691.4
-25°	15963.7	14597.7	13343.0	12193.0	11176.0	10244.6	9287.2	8288.0	7275.3	6321.3	5430.7
-27.5°	15085.9	13820.9	12570.9	11536.9	10623.6	9713.8	8814.3	7869.0	6936.6	6001.5	5185.7
-30°	14138.6	12955.3	11828.2	10857.7	9993.2	9151.4	8342.3	7459.7	6542.4	5655.0	4921.4
-32.5°	13097.9	12059.5	11066.1	10152.4	9344.4	8598.6	7830.8	6994.2	6087.8	5331.3	4615.3
-35°	12088.0	11129.4	10272.2	9466.2	8732.8	8050.2	7307.0	6469.2	5673.3	4963.4	4269.9
-37.5°	11184.0	10250.5	9456.6	8762.2	8149.5	7502.4	6761.3	6017.9	5269.6	4553.8	3948.7
-40°	10248.8	9377.5	8672.6	8108.1	7521.8	6939.3	6286.9	5595.6	4857.3	4158.1	3633.5
-42.5°	9342.1	8639.2	7944.1	7379.1	6853.6	6376.6	5826.3	5128.4	4449.8	3842.4	3338.3
-45°	8454.4	7815.8	7181.3	6666.1	6229.0	5781.7	5289.8	4655.5	4045.9	3524.5	3049.0
-47.5°	7542.3	7004.6	6475.4	5996.6	5605.8	5171.4	4696.5	4159.2	3659.6	3189.7	2768.6
-50°	6666.7	6230.6	5802.4	5387.5	4991.9	4567.8	4143.5	3709.8	3264.1	2854.5	2472.4
-52.5°	5842.2	5481.0	5119.2	4756.1	4410.3	4039.6	3648.1	3262.4	2870.3	2528.1	2186.8
-55°	5066.6	4757.0	4470.1	4178.7	3887.4	3553.0	3199.9	2852.4	2539.5	2225.1	1946.9
-57.5°	4379.9	4108.1	3879.9	3642.0	3395.7	3099.7	2797.6	2504.0	2244.4	1984.2	1726.6
-60°	3773.4	3536.3	3340.6	3133.4	2914.8	2667.2	2427.6	2194.9	1970.5	1758.2	1536.4
-62.5°	3200.4	3009.1	2832.9	2657.4	2479.7	2292.2	2087.1	1899.5	1725.6	1546.8	1346.1
-65°	2658.5	2508.7	2360.7	2218.9	2072.9	1922.1	1758.9	1610.5	1468.4	1323.3	1149.9
-67.5°	2164.1	2046.9	1927.0	1808.3	1694.5	1574.9	1450.8	1327.0	1211.2	1092.9	952.1
-70°	1742.1	1653.9	1560.6	1461.6	1367.4	1273.8	1177.7	1077.6	971.7	875.0	778.6
-72.5°	1406.1	1342.7	1272.9	1192.9	1108.0	1027.2	949.3	871.2	790.8	708.1	624.0
-75°	1136.3	1089.7	1036.7	969.9	901.2	830.9	765.3	698.2	624.6	544.5	466.3
-77.5°	899.8	871.3	838.6	785.3	731.3	676.9	618.3	545.0	470.2	396.2	331.7
-80°	674.5	661.0	641.7	595.3	548.8	502.6	453.8	389.8	326.1	266.4	218.5
-82.5°	445.1	435.9	423.5	392.5	361.9	331.9	301.2	256.7	214.1	173.8	138.2
-85°	243.2	235.3	226.7	212.0	197.4	182.8	168.0	143.5	120.5	98.9	79.7
-87.5°	89.0	86.0	82.9	79.7	76.5	73.2	69.9	62.6	55.6	48.8	42.4
-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: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-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°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	26.4	24.0	21.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.2	5.0
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	1.5	2.9
82.5°	0.0	0.0	0.0	0.2	1.6	2.5	2.8	2.5	1.4	0.2	0.7
80°	0.0	0.0	0.0	0.3	2.4	5.1	6.3	6.6	5.0	3.5	1.9
77.5°	0.0	0.0	0.0	0.1	1.0	2.8	5.5	8.7	8.6	6.7	4.7
75°	0.0	0.0	0.0	0.4	0.6	0.1	2.0	5.1	7.8	9.5	7.5
72.5°	0.0	0.0	0.0	1.2	2.6	2.7	1.6	1.7	5.6	8.2	9.5
70°	1.4	0.5	0.0	1.6	3.9	5.9	5.4	4.4	3.7	7.0	9.1
67.5°	4.5	4.8	3.6	2.7	4.3	6.6	8.9	8.6	7.4	6.2	8.8
65°	11.2	10.4	9.4	8.4	7.2	7.1	9.4	11.8	11.2	9.6	8.8
62.5°	16.8	16.7	15.4	14.0	12.5	10.8	10.0	13.2	14.6	12.9	10.8
60°	21.6	22.5	21.5	19.6	17.7	15.7	14.3	15.0	16.7	16.2	13.7
57.5°	29.9	29.1	28.6	26.0	22.9	20.5	19.3	18.8	19.2	19.0	16.6
55°	52.7	36.7	36.9	34.1	29.4	25.3	24.2	23.3	22.3	21.9	19.4
52.5°	133.5	74.1	47.5	43.9	38.2	31.3	29.2	27.9	26.4	25.0	22.2
50°	246.5	159.6	90.4	56.7	48.3	41.1	34.2	32.4	30.5	28.5	25.0
47.5°	394.5	274.3	178.3	89.4	62.4	51.4	42.7	36.9	34.5	32.1	27.6
45°	607.7	404.2	280.2	177.0	83.1	71.0	52.9	41.3	38.5	35.4	30.3
42.5°	845.4	593.1	393.2	267.4	158.8	98.3	63.3	50.2	42.5	39.0	33.2
40°	1078.5	819.6	528.1	368.7	239.5	131.9	91.1	59.9	46.5	42.8	36.5
37.5°	1336.6	1059.2	739.7	476.8	321.8	201.2	124.8	69.8	52.9	46.8	39.9
35°	1655.7	1325.1	951.6	635.3	426.2	265.6	162.3	88.9	65.0	51.0	43.4
32.5°	1974.4	1590.5	1180.6	819.6	535.3	324.9	211.2	126.8	79.2	55.4	47.0
30°	2295.1	1833.6	1396.1	990.1	660.8	420.2	263.7	163.7	95.4	60.0	50.6
27.5°	2583.9	2063.0	1598.0	1168.3	808.1	520.8	318.7	199.5	113.4	68.0	54.4
25°	2910.1	2311.0	1796.6	1338.7	942.7	625.7	375.1	234.5	139.7	81.9	58.1
22.5°	3329.8	2565.8	1980.6	1493.1	1076.1	726.0	447.7	280.7	168.6	96.6	61.9
20°	3747.1	2814.7	2161.0	1686.6	1221.1	838.9	531.6	326.7	196.0	111.8	65.7
17.5°	4156.6	3133.6	2423.3	1884.2	1376.2	944.4	610.0	371.8	221.9	127.3	69.4
15°	4523.8	3499.0	2681.2	2071.2	1528.2	1042.1	682.5	415.7	246.1	142.8	74.3
12.5°	4832.2	3814.0	2924.1	2246.2	1674.5	1131.3	748.8	457.8	268.6	160.1	81.0
10°	5087.0	4080.4	3149.2	2407.7	1812.8	1211.5	808.6	499.9	294.7	178.4	87.9
7.5°	5290.5	4300.5	3354.0	2554.5	1938.3	1286.5	872.7	544.3	320.1	195.9	95.1
5°	5443.6	4472.2	3512.4	2659.8	2038.0	1355.4	931.9	585.1	343.7	212.1	102.1
2.5°	5543.1	4598.5	3629.8	2742.3	2119.2	1413.4	983.9	621.6	365.1	227.0	108.9
0°	5601.7	4688.9	3718.5	2805.7	2181.1	1460.5	1028.1	653.4	384.3	240.2	115.3
-2.5°	5654.1	4748.1	3796.0	2916.2	2223.7	1537.6	1056.4	682.1	414.7	249.7	127.0
-5°	5671.4	4774.3	3846.7	3001.4	2249.4	1600.0	1076.2	705.4	441.3	257.4	137.8
-7.5°	5642.2	4758.6	3864.5	3049.8	2261.4	1644.1	1087.8	723.7	463.0	263.4	147.2
-10°	5577.2	4707.1	3841.1	3035.2	2277.7	1658.0	1094.4	737.2	478.7	267.9	154.9
-12.5°	5480.8	4629.3	3790.5	3002.9	2274.8	1649.2	1112.5	747.7	486.9	270.9	160.7
-15°	5354.6	4527.5	3713.3	2955.3	2247.5	1629.3	1117.1	751.5	486.1	276.6	164.2
-17.5°	5206.0	4404.1	3609.9	2894.7	2194.3	1599.5	1107.0	746.9	481.1	284.8	167.7
-20°	5057.2	4267.0	3487.1	2823.0	2113.9	1560.7	1081.3	733.1	472.3	290.2	171.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	4882.8	4109.5	3381.1	2723.0	2026.9	1513.9	1039.1	709.8	459.7	292.6	172.7
-25°	4682.4	3925.7	3253.6	2585.5	1958.4	1461.0	995.7	676.6	443.4	291.7	172.2
-27.5°	4455.8	3729.4	3103.5	2435.0	1887.1	1387.2	954.4	652.3	429.5	287.6	169.6
-30°	4203.1	3544.5	2924.0	2290.2	1800.1	1307.3	900.5	625.0	423.2	282.2	164.8
-32.5°	3930.7	3336.2	2731.0	2179.9	1701.0	1224.5	852.8	594.2	412.7	275.4	165.1
-35°	3675.1	3109.7	2534.1	2052.5	1596.1	1175.4	821.0	560.0	397.8	265.8	166.0
-37.5°	3401.4	2872.2	2378.1	1919.7	1485.6	1119.0	795.2	544.7	378.4	253.5	165.4
-40°	3138.1	2646.8	2197.6	1793.2	1403.8	1055.5	754.6	527.5	360.0	238.5	163.2
-42.5°	2871.7	2435.0	2024.9	1655.4	1326.6	994.1	702.6	501.4	345.1	230.0	159.4
-45°	2626.4	2216.3	1841.2	1535.4	1240.8	915.5	662.6	468.5	326.7	223.8	156.0
-47.5°	2368.6	1993.5	1673.4	1403.9	1128.7	830.1	611.8	442.6	304.6	215.8	153.8
-50°	2102.5	1782.6	1516.4	1259.4	991.5	758.8	557.4	411.7	296.7	209.4	150.0
-52.5°	1869.6	1597.3	1355.8	1110.9	887.8	675.5	516.2	378.6	286.3	204.0	144.7
-55°	1669.1	1421.1	1197.6	989.1	789.2	614.1	469.5	362.8	273.3	197.3	138.1
-57.5°	1491.9	1257.8	1067.8	880.6	706.8	555.1	436.6	344.1	259.6	188.0	132.3
-60°	1319.5	1127.5	949.9	782.9	629.9	504.1	411.0	322.6	243.4	176.3	125.8
-62.5°	1160.3	991.2	836.7	685.8	561.0	462.6	381.7	297.5	224.2	161.6	117.3
-65°	993.2	849.1	718.5	600.0	498.4	414.0	343.7	269.0	199.0	143.9	106.2
-67.5°	819.6	713.8	611.9	513.1	430.2	359.3	300.1	231.1	169.4	123.5	93.3
-70°	682.5	589.4	503.0	425.6	357.9	300.1	245.3	186.8	136.6	105.8	79.5
-72.5°	543.3	467.4	396.6	335.0	286.7	237.6	187.7	142.9	113.3	87.3	65.0
-75°	402.2	350.8	304.7	261.9	218.4	175.4	143.1	113.7	89.3	68.0	54.8
-77.5°	291.8	254.7	220.8	193.7	163.8	135.2	108.1	83.4	67.6	56.4	46.1
-80°	198.3	178.8	160.1	141.0	117.0	94.3	78.0	64.2	54.5	45.4	37.1
-82.5°	124.9	114.5	105.2	95.6	81.6	69.0	57.8	48.4	41.1	34.2	30.1
-85°	74.1	68.5	63.1	57.7	49.9	43.1	39.8	36.8	33.7	30.5	27.3
-87.5°	41.8	41.1	40.5	39.8	37.8	36.0	34.3	32.8	30.1	27.3	24.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	7.2

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Scaled Data Report



REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	19.2	16.8	14.4	12.0	9.6	9.6	9.6
87.5°	7.1	8.0	8.8	9.3	9.6	9.6	9.6
85°	4.7	6.5	7.9	9.0	9.6	9.6	9.6
82.5°	2.3	5.0	7.1	8.7	9.6	9.6	9.6
80°	0.5	3.5	6.4	8.4	9.6	9.6	9.6
77.5°	3.0	3.2	5.7	8.2	9.6	9.6	9.6
75°	5.4	4.7	5.3	7.9	9.6	9.6	9.6
72.5°	7.7	6.2	6.1	7.7	9.6	9.6	9.6
70°	9.6	7.6	6.9	7.7	9.6	9.6	9.6
67.5°	9.9	9.0	7.7	8.0	9.6	9.6	9.6
65°	10.3	9.9	8.4	8.3	9.6	9.6	9.6
62.5°	10.8	10.7	9.0	8.6	9.6	9.6	9.6
60°	11.4	11.5	9.6	8.9	9.6	9.6	9.6
57.5°	13.7	12.4	10.5	9.1	9.7	9.6	9.6
55°	16.1	13.5	11.5	9.3	9.9	9.6	9.6
52.5°	18.5	14.7	12.5	9.4	10.0	9.6	9.6
50°	20.8	16.7	13.6	9.5	10.2	9.6	9.6
47.5°	23.1	18.6	14.7	9.8	10.5	9.6	9.6
45°	25.4	20.5	15.8	10.7	10.8	9.6	9.6
42.5°	27.6	22.3	17.0	11.6	11.1	9.6	9.6
40°	29.7	24.1	18.3	12.7	11.4	9.6	9.6
37.5°	31.8	25.8	19.7	14.0	11.8	9.6	9.6
35°	33.8	27.5	21.1	15.3	12.2	9.6	9.6
32.5°	36.0	29.1	22.3	16.5	12.6	9.6	9.6
30°	38.9	30.6	23.6	17.7	13.1	9.6	9.6
27.5°	41.8	32.1	25.1	18.9	13.6	9.6	9.6
25°	44.6	33.5	26.6	20.0	14.1	9.6	9.6
22.5°	47.4	35.0	28.0	21.1	14.6	9.6	9.6
20°	50.2	36.7	29.4	22.1	15.1	9.6	9.6
17.5°	53.0	38.4	30.8	23.1	15.7	9.6	9.6
15°	55.6	40.0	32.1	24.1	16.2	9.6	9.6
12.5°	58.1	41.6	33.3	25.0	16.8	9.6	9.6
10°	60.4	43.0	34.4	25.8	17.3	9.6	9.6
7.5°	62.4	44.4	35.5	26.7	17.8	9.6	9.6
5°	64.3	45.7	36.6	27.4	18.3	9.6	9.6
2.5°	65.9	46.9	37.5	28.1	18.8	9.6	9.6
0°	67.3	48.0	38.4	28.8	19.2	9.6	9.6
-2.5°	71.0	49.0	39.2	28.8	19.2	9.6	9.6
-5°	74.4	50.0	39.9	28.7	19.1	9.6	9.6
-7.5°	77.4	50.8	40.5	28.6	19.0	9.6	9.6
-10°	79.9	51.5	41.0	28.4	18.9	9.6	9.6
-12.5°	81.8	52.2	41.3	28.1	18.7	9.6	9.6
-15°	82.9	52.7	41.4	27.8	18.5	9.6	9.6
-17.5°	83.4	53.1	41.3	27.5	18.3	9.6	9.6
-20°	85.5	53.4	41.1	27.1	18.0	9.6	9.6

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REPORT NUMBER: P627950 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	91.0	53.7	40.6	26.6	17.7	9.6	9.6
-25°	95.5	57.2	39.9	26.1	17.4	9.6	9.6
-27.5°	99.0	61.7	38.9	25.5	17.0	9.6	9.6
-30°	101.4	65.5	38.0	24.9	16.6	9.6	9.6
-32.5°	102.7	68.7	39.3	24.3	16.2	9.6	9.6
-35°	105.5	71.1	40.4	23.6	15.7	9.6	9.6
-37.5°	108.3	72.7	41.0	22.8	15.2	9.6	9.6
-40°	110.0	73.3	41.3	22.0	14.7	9.6	9.6
-42.5°	110.5	73.3	41.6	21.6	14.1	9.6	9.6
-45°	110.0	72.8	41.8	21.7	13.6	9.6	9.6
-47.5°	108.3	71.7	41.6	21.6	13.0	9.6	9.6
-50°	106.0	70.1	40.8	21.3	12.3	9.6	9.6
-52.5°	103.1	67.9	39.6	20.9	11.7	9.6	9.6
-55°	99.4	65.1	37.9	20.3	11.0	9.6	9.6
-57.5°	95.0	61.6	35.8	19.6	10.3	9.6	9.6
-60°	89.8	57.4	33.2	18.7	9.6	9.6	9.6
-62.5°	82.5	52.5	31.4	17.7	9.6	9.6	9.6
-65°	74.4	47.1	29.4	16.5	9.6	9.6	9.6
-67.5°	65.5	42.3	27.1	15.3	9.6	9.6	9.6
-70°	55.8	38.4	24.6	13.9	9.6	9.6	9.6
-72.5°	49.2	34.2	22.0	13.5	9.6	9.6	9.6
-75°	42.9	29.8	19.1	13.4	9.6	9.6	9.6
-77.5°	36.2	25.2	18.1	13.3	9.6	9.6	9.6
-80°	29.2	22.7	17.5	13.1	9.6	9.6	9.6
-82.5°	26.4	21.3	16.8	12.9	9.6	9.6	9.6
-85°	24.1	19.8	16.0	12.6	9.6	9.6	9.6
-87.5°	21.7	18.3	15.2	12.3	9.6	9.6	9.6
-90°	9.6	9.6	9.6	9.6	9.6	9.6	9.6

(END OF REPORT)