

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: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627650 (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-SA5C-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

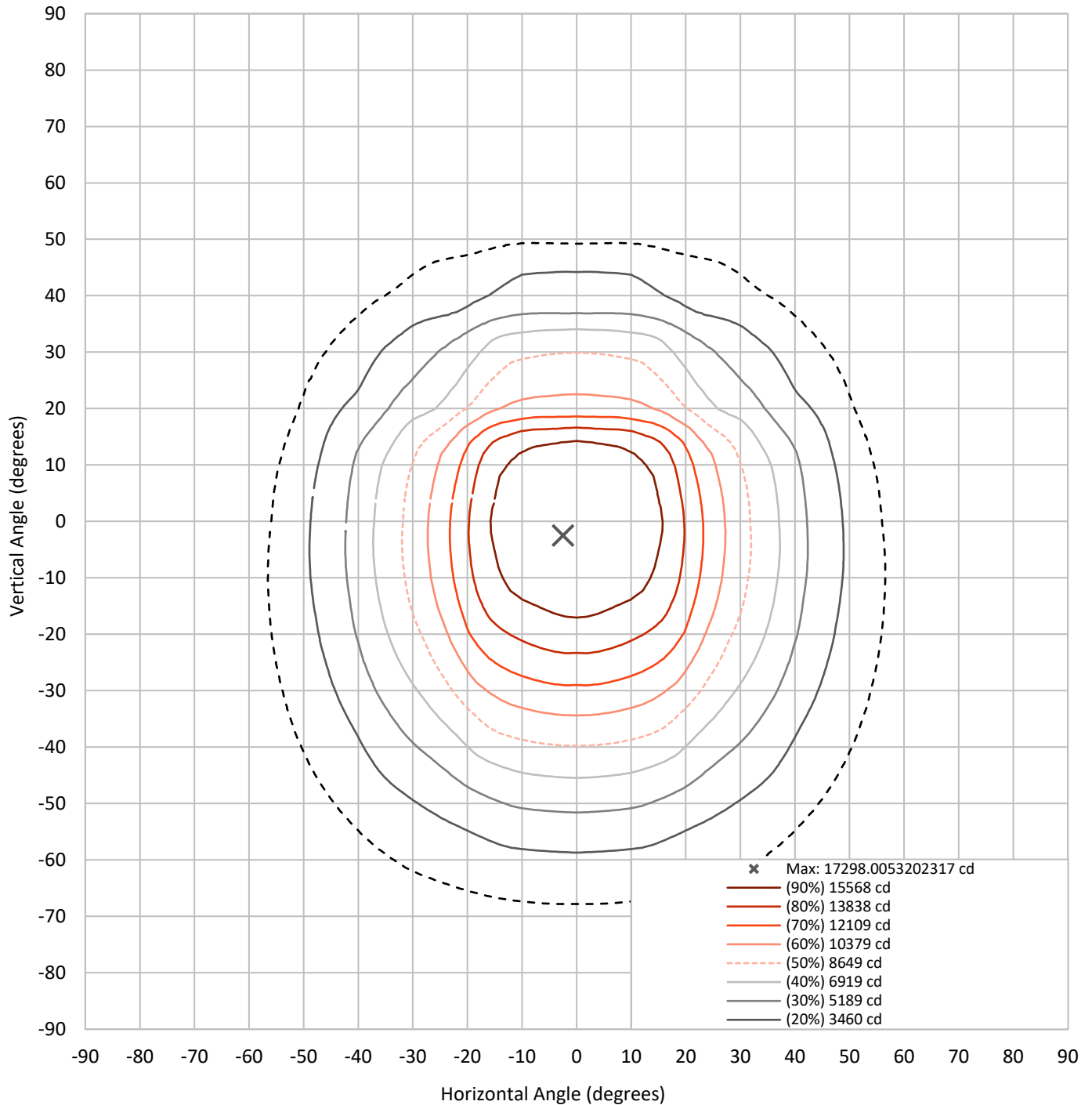
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23084.7 lumens	Max Intensity:	17298 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	112.0 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:	13356 lumens	Field Lumens:	21905.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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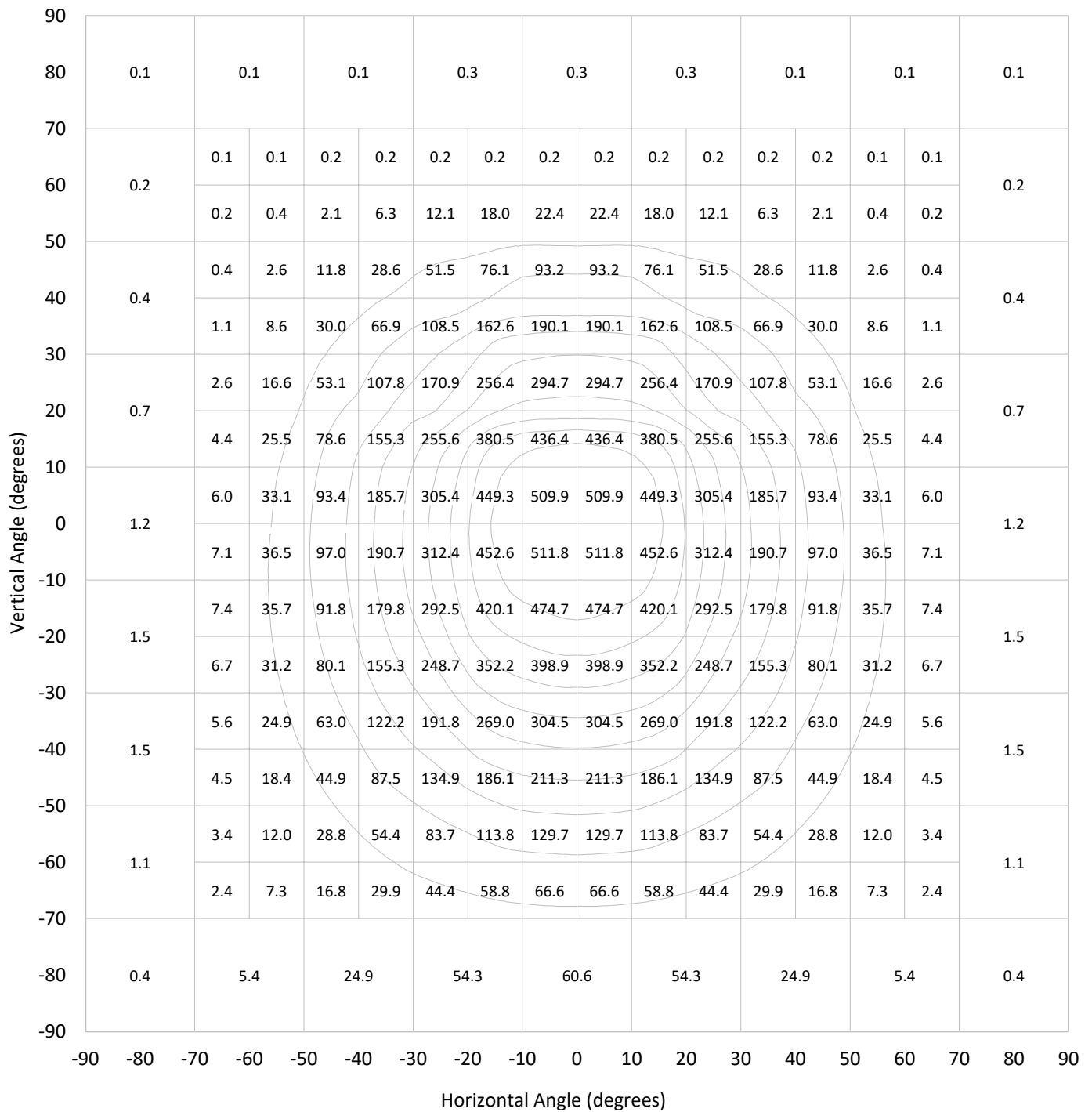
Iso-Candela Plot





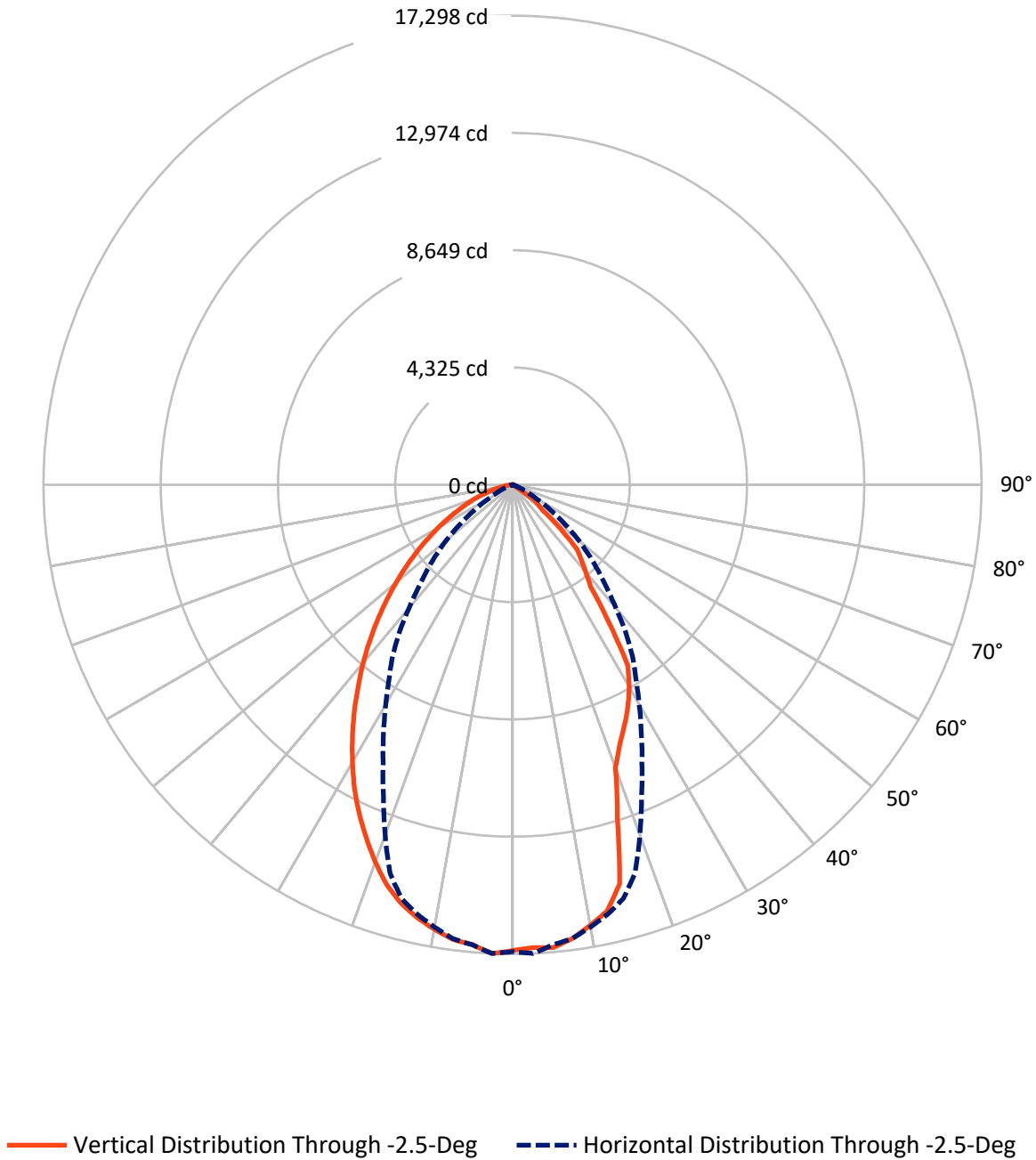
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Lumen Table



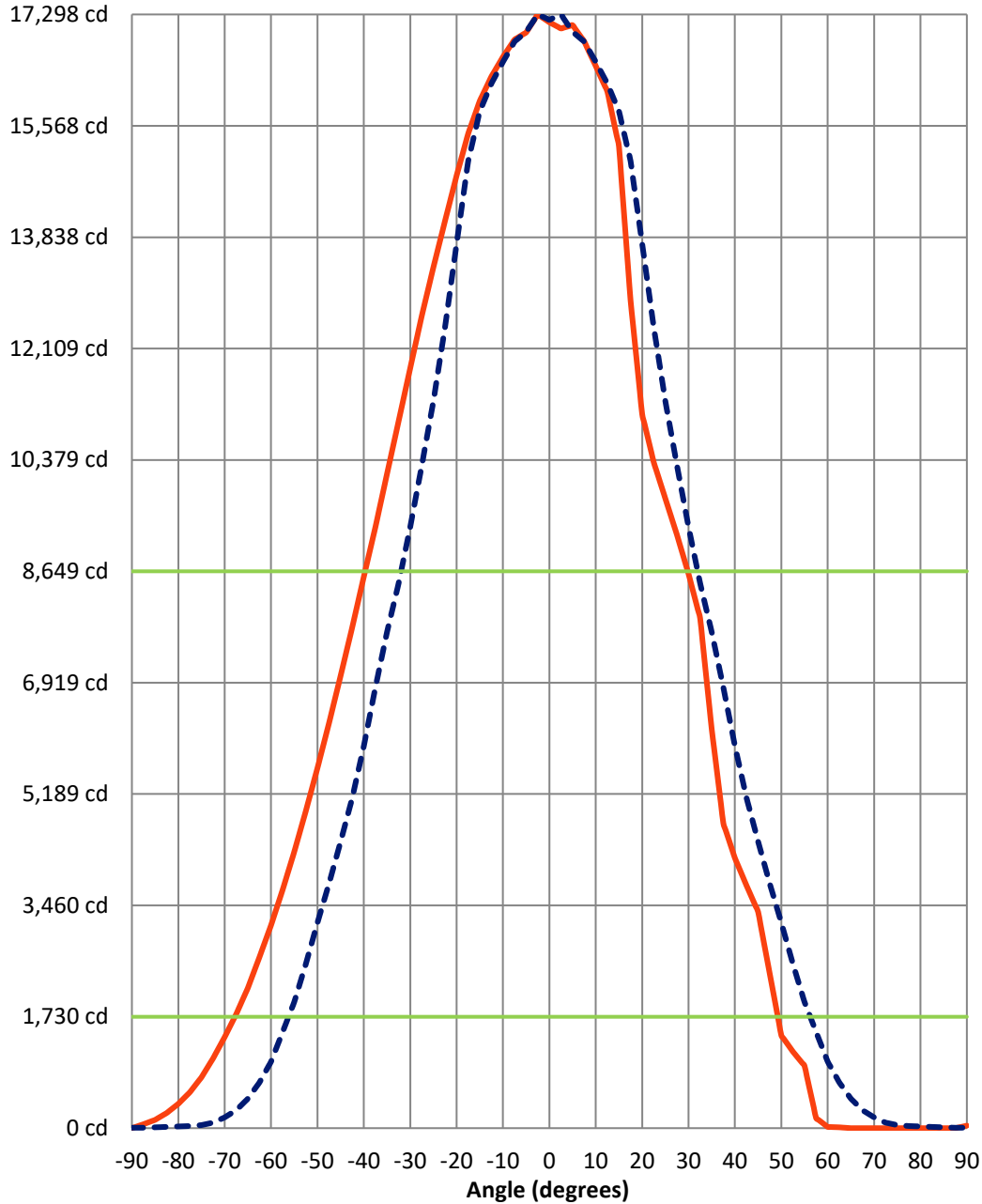
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 13356
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 21905.9
 Efficiency: 94.9%

Spill:
 Lumens: 1178.8
 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°	6.5	6.5	6.5	8.1	9.7	11.3	12.9	14.5	16.2	17.8	19.4
87.5°	6.5	6.5	6.5	6.3	5.9	5.4	4.8	3.4	2.1	1.0	0.0
85°	6.5	6.5	6.5	6.1	5.4	4.4	3.2	2.0	1.0	0.4	0.0
82.5°	6.5	6.5	6.5	5.9	4.8	3.4	1.5	0.5	0.2	0.9	1.7
80°	6.5	6.5	6.5	5.7	4.3	2.4	0.3	1.3	2.4	3.4	4.4
77.5°	6.5	6.5	6.5	5.5	3.8	2.2	2.0	3.2	4.5	5.9	5.9
75°	6.5	6.5	6.5	5.4	3.6	3.2	3.6	5.1	6.4	5.3	3.4
72.5°	6.5	6.5	6.5	5.2	4.1	4.2	5.2	6.4	5.5	3.8	1.1
70°	6.5	6.5	6.5	5.2	4.7	5.2	6.5	6.1	4.8	2.5	3.0
67.5°	6.5	6.5	6.5	5.4	5.2	6.1	6.7	6.0	4.2	5.0	5.8
65°	6.5	6.5	6.5	5.6	5.7	6.7	6.9	5.9	6.5	7.5	8.0
62.5°	6.5	6.5	6.5	5.8	6.1	7.2	7.3	7.3	8.7	9.8	8.9
60°	6.5	6.5	6.5	6.0	6.5	7.8	7.7	9.3	10.9	11.3	10.1
57.5°	6.5	6.5	6.6	6.2	7.1	8.4	9.2	11.2	12.8	13.0	12.7
55°	6.5	6.5	6.7	6.3	7.7	9.1	10.8	13.1	14.7	15.0	15.7
52.5°	6.5	6.5	6.8	6.4	8.4	9.9	12.4	14.9	16.9	17.8	18.7
50°	6.5	6.5	6.9	6.5	9.1	11.2	14.0	16.8	19.2	20.5	21.8
47.5°	6.5	6.5	7.1	6.6	9.9	12.5	15.6	18.6	21.6	23.2	24.8
45°	6.5	6.5	7.3	7.2	10.6	13.8	17.1	20.4	23.8	25.9	27.8
42.5°	6.5	6.5	7.5	7.8	11.4	15.0	18.6	22.3	26.2	28.6	33.8
40°	6.5	6.5	7.7	8.6	12.3	16.2	20.0	24.5	28.7	31.3	40.3
37.5°	6.5	6.5	8.0	9.5	13.3	17.4	21.4	26.8	31.5	35.6	47.0
35°	6.5	6.5	8.2	10.3	14.2	18.5	22.7	29.1	34.3	43.7	59.7
32.5°	6.5	6.5	8.5	11.1	15.0	19.6	24.2	31.5	37.3	53.3	85.2
30°	6.5	6.5	8.8	11.9	15.9	20.6	26.1	34.0	40.4	64.1	110.0
27.5°	6.5	6.5	9.2	12.7	16.9	21.6	28.1	36.5	45.7	76.2	134.0
25°	6.5	6.5	9.5	13.4	17.9	22.5	30.0	39.0	55.1	93.9	157.5
22.5°	6.5	6.5	9.8	14.2	18.9	23.5	31.8	41.6	64.9	113.3	188.6
20°	6.5	6.5	10.2	14.9	19.8	24.7	33.7	44.1	75.1	131.7	219.5
17.5°	6.5	6.5	10.6	15.6	20.7	25.8	35.6	46.6	85.5	149.1	249.9
15°	6.5	6.5	10.9	16.2	21.6	26.9	37.3	49.9	95.9	165.4	279.3
12.5°	6.5	6.5	11.3	16.8	22.4	28.0	39.0	54.4	107.6	180.5	307.6
10°	6.5	6.5	11.6	17.4	23.2	28.9	40.5	59.1	119.9	198.1	335.9
7.5°	6.5	6.5	12.0	18.0	23.9	29.9	41.9	63.9	131.6	215.1	365.7
5°	6.5	6.5	12.3	18.5	24.6	30.7	43.2	68.7	142.5	231.0	393.1
2.5°	6.5	6.5	12.6	19.0	25.2	31.5	44.3	73.2	152.5	245.4	417.7
0°	6.5	6.5	12.9	19.4	25.8	32.3	45.2	77.5	161.4	258.3	439.1
-2.5°	6.5	6.5	12.9	19.4	25.8	32.3	45.2	77.5	161.4	258.3	439.1
-5°	6.5	6.5	12.9	19.3	26.8	33.6	50.0	92.6	173.0	296.6	474.1
-7.5°	6.5	6.5	12.8	19.2	27.2	34.1	52.0	98.9	177.0	311.1	486.4
-10°	6.5	6.5	12.7	19.1	27.5	34.6	53.7	104.1	180.0	321.7	495.4
-12.5°	6.5	6.5	12.6	18.9	27.8	35.0	54.9	108.0	182.1	327.2	502.5
-15°	6.5	6.5	12.5	18.7	27.8	35.4	55.7	110.3	185.8	326.6	505.0
-17.5°	6.5	6.5	12.3	18.5	27.8	35.7	56.0	112.7	191.4	323.3	501.9
-20°	6.5	6.5	12.1	18.2	27.6	35.9	57.5	115.0	195.0	317.4	492.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.5	6.5	11.9	17.9	27.3	36.0	61.1	116.0	196.6	308.9	477.0
-25°	6.5	6.5	11.7	17.6	26.8	38.4	64.2	115.7	196.0	298.0	454.7
-27.5°	6.5	6.5	11.5	17.2	26.2	41.4	66.5	113.9	193.3	288.6	438.3
-30°	6.5	6.5	11.2	16.8	25.6	44.0	68.1	110.8	189.7	284.4	420.0
-32.5°	6.5	6.5	10.9	16.3	26.5	46.2	69.0	110.9	185.0	277.3	399.3
-35°	6.5	6.5	10.6	15.9	27.2	47.9	70.8	111.5	178.6	267.3	376.3
-37.5°	6.5	6.5	10.3	15.4	27.6	48.9	72.7	111.1	170.4	254.4	366.0
-40°	6.5	6.5	9.9	14.8	27.8	49.3	73.9	109.6	160.3	241.9	354.5
-42.5°	6.5	6.5	9.5	14.5	28.0	49.3	74.3	107.1	154.5	231.9	336.9
-45°	6.5	6.5	9.1	14.6	28.1	48.9	73.9	104.8	150.4	219.5	314.9
-47.5°	6.5	6.5	8.7	14.5	27.9	48.2	72.8	103.3	144.9	204.7	297.4
-50°	6.5	6.5	8.3	14.3	27.4	47.1	71.3	100.8	140.7	199.4	276.7
-52.5°	6.5	6.5	7.9	14.0	26.6	45.6	69.3	97.2	137.1	192.3	254.4
-55°	6.5	6.5	7.4	13.7	25.4	43.7	66.8	92.9	132.6	183.6	243.8
-57.5°	6.5	6.5	7.0	13.2	24.0	41.4	63.8	89.0	126.4	174.5	231.2
-60°	6.5	6.5	6.5	12.6	22.3	38.5	60.3	84.6	118.5	163.6	216.8
-62.5°	6.5	6.5	6.5	11.9	21.1	35.3	55.4	78.8	108.6	150.7	199.9
-65°	6.5	6.5	6.5	11.1	19.7	31.6	50.0	71.3	96.7	133.7	180.7
-67.5°	6.5	6.5	6.5	10.3	18.2	28.4	43.9	62.6	83.0	113.8	155.3
-70°	6.5	6.5	6.5	9.4	16.6	25.8	37.4	53.4	71.1	91.8	125.5
-72.5°	6.5	6.5	6.5	9.1	14.8	23.0	33.0	43.6	58.6	76.1	96.0
-75°	6.5	6.5	6.5	9.1	12.9	20.1	28.8	36.8	45.7	60.0	76.4
-77.5°	6.5	6.5	6.5	9.0	12.2	17.0	24.3	30.9	37.9	45.4	56.0
-80°	6.5	6.5	6.5	8.8	11.8	15.3	19.7	24.9	30.5	36.6	43.1
-82.5°	6.5	6.5	6.5	8.7	11.3	14.3	17.8	20.3	23.0	27.6	32.5
-85°	6.5	6.5	6.5	8.5	10.8	13.4	16.2	18.4	20.5	22.6	24.8
-87.5°	6.5	6.5	6.5	8.3	10.3	12.3	14.6	16.5	18.3	20.2	22.1
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.9	3.2	1.6	0.0



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	21.0	22.6	24.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.9	1.7	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.3	3.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.7	1.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.1	1.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.7	4.0	2.7	1.1	0.0	0.4	1.0	0.7	0.0	0.3	0.8
67.5°	6.1	4.5	2.9	1.8	2.4	3.3	3.1	3.3	3.5	3.9	3.3
65°	6.3	4.8	4.9	5.6	6.4	7.0	7.5	8.0	6.8	5.9	6.0
62.5°	6.8	7.3	8.4	9.4	10.4	11.2	11.3	10.1	7.7	9.6	11.0
60°	9.6	10.6	11.9	13.2	14.5	15.2	14.5	14.7	16.3	18.9	36.3
57.5°	12.9	13.8	15.4	17.5	19.3	19.6	20.1	21.8	51.2	83.6	92.3
55°	16.3	17.0	19.8	23.0	24.8	24.6	35.4	74.7	112.7	156.1	172.1
52.5°	19.6	21.1	25.7	29.5	32.0	49.8	89.7	143.0	199.1	249.0	313.4
50°	23.0	27.7	32.5	38.1	60.7	107.2	165.6	238.3	322.9	402.6	484.2
47.5°	28.8	34.6	42.0	60.1	119.8	184.3	265.1	382.1	486.4	582.8	694.7
45°	35.6	47.8	55.9	119.0	188.3	271.6	408.4	551.4	646.1	775.1	973.1
42.5°	42.6	66.1	106.7	179.7	264.2	398.6	568.1	690.0	816.0	1025.2	1233.3
40°	61.2	88.6	161.0	247.8	354.9	550.8	724.8	862.9	1034.9	1266.7	1484.1
37.5°	83.9	135.2	216.3	320.5	497.2	711.9	898.3	1095.4	1293.1	1511.8	1914.9
35°	109.0	178.5	286.5	427.0	639.6	890.5	1112.7	1333.0	1560.9	1991.4	2391.3
32.5°	141.9	218.4	359.8	550.8	793.4	1068.9	1326.9	1581.5	1947.0	2434.1	2835.5
30°	177.2	282.4	444.1	665.4	938.3	1232.3	1542.4	1850.7	2334.4	2737.6	3173.3
27.5°	214.2	350.0	543.1	785.2	1073.9	1386.4	1736.5	2176.2	2607.7	3006.0	3484.9
25°	252.1	420.5	633.6	899.7	1207.4	1553.1	1955.7	2491.3	2828.9	3269.0	3768.6
22.5°	300.9	487.9	723.2	1003.4	1331.0	1724.3	2237.7	2775.6	3172.8	3543.0	4031.1
20°	357.3	563.7	820.6	1133.5	1452.2	1891.6	2518.2	3083.9	3551.1	3975.1	4423.4
17.5°	409.9	634.7	924.9	1266.3	1628.5	2105.9	2793.4	3419.5	3933.6	4406.1	4965.7
15°	458.7	700.3	1027.0	1391.9	1801.9	2351.4	3040.1	3727.7	4314.9	4846.5	5482.4
12.5°	503.2	760.2	1125.3	1509.5	1965.1	2563.1	3247.4	3918.5	4563.9	5256.5	5978.2
10°	543.3	814.1	1218.2	1618.1	2116.4	2742.1	3418.6	4077.6	4728.7	5461.7	6263.5
7.5°	586.5	864.5	1302.6	1716.8	2254.0	2890.0	3555.4	4205.2	4861.9	5625.8	6449.0
5°	626.3	910.9	1369.6	1787.5	2360.4	3005.4	3658.3	4302.1	4963.0	5748.0	6589.4
2.5°	661.2	949.9	1424.2	1842.9	2439.3	3090.4	3725.2	4383.0	5038.0	5847.4	6696.6
0°	690.9	981.5	1465.8	1885.5	2498.9	3151.1	3764.6	4436.1	5081.8	5914.8	6767.2
-2.5°	709.9	1033.3	1494.4	1959.8	2551.0	3190.9	3799.8	4451.0	5129.1	5936.1	6846.3
-5°	723.3	1075.3	1511.7	2017.1	2585.1	3208.5	3811.4	4439.4	5141.7	5930.7	6858.0
-7.5°	731.0	1104.9	1519.7	2049.6	2597.1	3197.9	3791.8	4417.6	5121.0	5910.4	6806.7
-10°	735.5	1114.2	1530.7	2039.8	2581.3	3163.3	3748.1	4366.3	5062.4	5844.4	6709.3
-12.5°	747.7	1108.3	1528.8	2018.1	2547.4	3111.0	3683.3	4285.1	4964.8	5731.8	6574.6
-15°	750.7	1095.0	1510.4	1986.1	2495.5	3042.7	3598.5	4173.7	4844.5	5622.0	6425.6
-17.5°	743.9	1074.9	1474.6	1945.3	2426.0	2959.7	3498.6	4073.4	4731.6	5495.4	6269.2
-20°	726.6	1048.8	1420.6	1897.1	2343.5	2867.6	3398.7	3968.2	4601.8	5319.8	6094.2



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CATALOG NUMBER: GFLD-SA5C-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°	698.3	1017.4	1362.1	1829.9	2272.2	2761.8	3281.4	3824.9	4439.2	5092.0	5858.9
-25°	669.1	981.8	1316.0	1737.6	2186.5	2638.2	3146.7	3649.6	4248.1	4889.3	5569.8
-27.5°	641.4	932.2	1268.2	1636.4	2085.6	2506.3	2994.5	3485.0	4033.2	4661.7	5288.2
-30°	605.1	878.5	1209.7	1539.1	1965.0	2382.0	2824.6	3307.4	3800.4	4396.8	5013.2
-32.5°	573.1	822.9	1143.2	1464.9	1835.3	2242.1	2641.5	3101.6	3582.8	4091.2	4700.4
-35°	551.7	789.9	1072.6	1379.4	1703.0	2089.8	2469.8	2869.5	3335.6	3812.7	4347.5
-37.5°	534.4	752.0	998.4	1290.1	1598.2	1930.2	2285.9	2653.6	3060.3	3541.4	4044.2
-40°	507.1	709.4	943.4	1205.1	1476.9	1778.8	2108.9	2441.8	2794.3	3264.3	3760.5
-42.5°	472.1	668.1	891.5	1112.6	1360.9	1636.5	1929.9	2243.4	2582.2	2990.4	3446.5
-45°	445.3	615.3	833.9	1031.9	1237.4	1489.5	1765.1	2049.0	2368.5	2719.0	3128.6
-47.5°	411.1	557.8	758.5	943.5	1124.6	1339.8	1591.8	1860.6	2143.6	2459.4	2795.1
-50°	374.6	509.9	666.3	846.4	1019.1	1198.0	1413.0	1661.6	1918.4	2193.6	2493.1
-52.5°	346.9	453.9	596.6	746.5	911.2	1073.5	1256.5	1469.6	1699.0	1928.9	2192.4
-55°	315.5	412.7	530.3	664.7	804.8	955.0	1121.7	1308.4	1495.4	1706.6	1916.9
-57.5°	293.4	373.0	474.9	591.7	717.6	845.3	1002.6	1160.4	1333.5	1508.3	1682.7
-60°	276.2	338.7	423.3	526.1	638.4	757.7	886.8	1032.5	1181.6	1324.3	1475.0
-62.5°	256.5	310.9	377.0	460.8	562.2	666.1	779.8	904.7	1039.5	1159.7	1276.5
-65°	231.0	278.2	334.9	403.2	482.8	570.6	667.5	772.8	889.3	986.8	1082.3
-67.5°	201.7	241.5	289.0	344.8	411.1	479.7	550.8	639.8	734.4	814.0	891.8
-70°	164.8	201.7	240.5	286.0	338.0	396.1	458.6	523.2	588.0	653.0	724.2
-72.5°	126.1	159.7	192.7	225.1	266.6	314.1	365.1	419.3	475.8	531.4	585.5
-75°	96.2	117.9	146.8	176.0	204.8	235.8	270.3	313.3	365.9	419.8	469.2
-77.5°	72.6	90.9	110.1	130.2	148.4	171.2	196.1	222.9	266.3	316.0	366.3
-80°	52.4	63.4	78.6	94.8	107.6	120.1	133.2	146.8	179.0	219.1	261.9
-82.5°	38.9	46.4	54.8	64.3	70.7	76.9	83.9	92.9	116.8	143.9	172.5
-85°	26.8	29.0	33.6	38.8	42.4	46.1	49.8	53.6	66.5	81.0	96.5
-87.5°	23.1	24.2	25.4	26.8	27.3	27.7	28.1	28.5	32.9	37.4	42.1
-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: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	25.8	27.4	29.1	30.7	32.3	33.9	35.5	37.1	38.7	38.7	38.7
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°	0.6	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3.0	3.3	3.4	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	6.9	6.5	4.9	3.2	1.5	2.4	3.9	4.7	4.7	4.2	3.3
62.5°	10.3	9.4	8.5	9.8	11.7	13.6	13.0	12.3	11.5	10.9	11.3
60°	38.2	25.5	29.4	36.9	34.5	23.7	38.9	44.0	37.5	25.7	24.8
57.5°	96.8	93.4	107.0	156.3	172.1	156.8	187.4	227.5	226.2	194.8	193.8
55°	206.2	276.6	361.7	375.5	434.7	553.3	645.7	605.2	604.9	635.4	733.5
52.5°	391.7	458.2	482.9	549.0	672.7	762.5	820.2	879.9	945.4	1012.2	1079.9
50°	574.8	639.4	712.7	780.4	951.6	1043.8	1028.4	1152.1	1310.4	1409.3	1460.2
47.5°	843.1	944.9	1099.8	1342.6	1470.4	1562.8	1677.7	1817.8	1999.2	2245.2	2434.8
45°	1159.1	1319.1	1558.8	1816.7	2015.0	2105.4	2236.9	2453.9	2743.1	3024.7	3230.3
42.5°	1417.3	1636.8	1907.2	2153.6	2315.4	2463.8	2634.1	2817.1	3148.4	3449.1	3686.8
40°	1754.3	1925.3	2228.7	2460.9	2605.8	2752.9	3022.7	3296.6	3608.1	3888.4	4083.1
37.5°	2181.5	2373.9	2689.4	2952.1	3091.6	3143.6	3602.4	3983.7	4236.9	4594.6	4711.6
35°	2640.3	2957.1	3359.1	3699.7	3836.4	4109.3	4582.0	5114.0	5690.4	5902.4	6083.2
32.5°	3152.3	3543.0	4088.6	4454.1	4649.2	5063.3	5661.5	6229.4	6983.1	7392.1	7514.4
30°	3620.6	4069.0	4537.9	4893.2	5226.7	5725.5	6271.0	6971.2	7668.1	8191.2	8353.6
27.5°	3964.3	4460.5	4911.3	5243.9	5620.3	6158.1	6838.3	7547.3	8231.5	8765.1	8954.7
25°	4292.4	4853.2	5210.1	5596.9	6038.9	6624.9	7378.7	8166.6	8840.4	9291.4	9523.9
22.5°	4665.6	5218.5	5601.7	5929.3	6507.2	7182.5	7882.1	8772.4	9486.4	9846.2	10098.3
20°	5050.7	5676.3	6268.2	6573.0	7073.0	7928.0	8711.3	9551.8	10241.1	10616.2	10881.7
17.5°	5588.1	6385.4	7111.3	7542.9	8078.3	9100.7	10078.0	10928.2	11887.3	12226.0	12550.5
15°	6154.7	7077.5	7927.9	8611.6	9303.2	10316.2	11574.3	12600.3	13694.6	14183.3	14735.8
12.5°	6719.6	7592.8	8363.3	9245.3	10220.1	11116.1	12313.9	13591.4	14584.5	15207.7	15579.7
10°	7141.8	7952.8	8694.2	9578.3	10551.3	11564.9	12755.1	14064.8	15104.3	15636.1	15939.7
7.5°	7369.8	8146.0	8928.0	9823.9	10792.5	11872.1	13098.4	14397.7	15460.6	15975.9	16275.6
5°	7539.1	8284.5	9094.2	10037.3	11016.8	12111.4	13336.0	14619.8	15589.0	16136.6	16515.6
2.5°	7641.5	8372.4	9200.2	10175.3	11157.1	12297.2	13580.9	14911.8	15759.7	16200.3	16548.9
0°	7671.2	8407.3	9259.6	10247.6	11254.9	12404.3	13676.4	14993.6	15852.4	16278.6	16633.8
-2.5°	7704.6	8462.5	9338.2	10294.4	11293.2	12439.3	13737.8	15021.4	15793.9	16224.0	16561.8
-5°	7681.3	8466.8	9339.9	10255.7	11261.1	12398.0	13644.5	14844.7	15652.9	16117.7	16453.7
-7.5°	7611.8	8408.5	9272.5	10152.7	11138.9	12288.8	13530.0	14685.7	15504.4	15994.7	16362.2
-10°	7510.6	8284.1	9154.1	10045.5	11019.9	12114.4	13336.6	14485.4	15268.9	15789.5	16217.9
-12.5°	7398.5	8156.0	8994.5	9849.5	10813.2	11894.3	13078.4	14165.9	14944.8	15512.7	15818.8
-15°	7232.4	7989.4	8791.1	9618.1	10557.4	11606.2	12737.4	13780.7	14545.6	15007.6	15346.0
-17.5°	7021.2	7763.9	8523.9	9308.4	10193.3	11226.1	12364.2	13393.1	14016.7	14429.3	14761.8
-20°	6794.8	7481.7	8201.7	8941.9	9799.7	10822.8	11940.5	12838.0	13425.7	13822.2	14136.1



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6536.3	7197.8	7856.9	8564.5	9405.5	10343.6	11330.8	12198.1	12829.9	13191.1	13481.3
-25°	6241.3	6884.7	7510.6	8194.1	8967.0	9810.2	10728.1	11580.4	12146.3	12529.9	12817.7
-27.5°	5923.5	6528.0	7139.4	7753.2	8448.1	9288.2	10138.3	10930.0	11413.1	11799.8	12089.2
-30°	5606.4	6150.1	6715.8	7296.7	7948.9	8706.4	9501.6	10167.4	10676.8	11052.4	11321.2
-32.5°	5262.6	5778.6	6279.7	6822.8	7436.8	8104.4	8802.3	9435.6	9979.9	10324.0	10550.5
-35°	4910.6	5410.0	5868.7	6361.6	6903.3	7479.4	8123.5	8748.1	9285.7	9557.9	9778.7
-37.5°	4543.8	5041.9	5476.8	5888.5	6355.1	6888.7	7516.1	8112.0	8576.4	8810.4	9009.4
-40°	4225.0	4663.4	5054.9	5448.9	5828.2	6302.0	6887.5	7464.6	7837.2	8065.2	8250.0
-42.5°	3915.4	4285.3	4605.8	4959.0	5338.7	5805.8	6278.2	6762.0	7061.5	7314.7	7509.3
-45°	3554.9	3885.5	4186.1	4479.9	4826.1	5252.5	5681.7	6069.2	6349.7	6594.4	6784.0
-47.5°	3156.2	3475.3	3767.2	4029.9	4351.7	4707.3	5068.7	5391.2	5668.2	5909.9	6079.1
-50°	2784.5	3069.7	3354.7	3620.5	3899.4	4187.1	4480.2	4763.3	5026.2	5261.1	5405.1
-52.5°	2451.6	2714.7	2963.8	3196.2	3440.3	3683.4	3926.1	4185.3	4427.3	4649.6	4764.6
-55°	2150.4	2387.7	2612.5	2808.2	3004.0	3196.9	3404.9	3644.3	3867.1	4073.0	4155.5
-57.5°	1880.1	2083.1	2282.0	2447.6	2607.4	2760.8	2943.5	3145.5	3340.5	3517.0	3584.5
-60°	1631.4	1792.4	1958.8	2105.7	2245.0	2376.5	2535.8	2698.5	2856.7	2989.8	3047.2
-62.5°	1402.6	1540.4	1666.4	1785.8	1903.8	2022.3	2150.8	2279.9	2407.6	2510.1	2562.0
-65°	1182.1	1291.8	1393.1	1491.2	1586.5	1685.9	1786.6	1884.6	1979.2	2052.5	2097.4
-67.5°	975.0	1058.4	1138.8	1215.3	1295.0	1375.6	1454.3	1529.4	1600.5	1657.1	1700.1
-70°	791.5	856.0	919.0	982.3	1048.8	1111.5	1170.8	1227.0	1279.8	1320.6	1353.8
-72.5°	638.0	690.4	744.7	801.7	855.5	902.4	945.0	986.0	1025.4	1048.4	1065.7
-75°	514.3	558.4	605.7	651.8	696.7	732.4	763.7	794.0	823.1	824.6	818.8
-77.5°	415.6	454.9	491.5	527.7	563.6	585.5	604.7	624.4	644.3	632.8	614.6
-80°	305.0	337.8	368.8	400.0	431.2	444.2	453.3	461.1	467.7	452.7	434.0
-82.5°	202.4	223.1	243.2	263.8	284.6	292.9	299.1	304.3	308.4	294.7	279.0
-85°	112.9	122.9	132.6	142.4	152.3	158.1	163.5	168.4	172.8	164.7	155.5
-87.5°	47.0	49.2	51.4	53.6	55.7	57.7	59.8	61.8	63.7	64.0	64.2
-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: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	37.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.9	0.3	0.0	0.0	0.0	0.3	1.9	3.3	4.2	4.7	4.7
62.5°	11.8	12.3	12.8	12.9	12.8	12.3	11.8	11.3	10.9	11.5	12.3
60°	22.8	20.0	19.3	19.4	19.3	20.0	22.8	24.8	25.7	37.5	44.0
57.5°	179.0	153.2	157.1	174.3	157.1	153.2	179.0	193.8	194.8	226.2	227.5
55°	836.5	933.8	968.2	949.2	968.2	933.8	836.5	733.5	635.4	604.9	605.2
52.5°	1133.4	1173.3	1188.7	1188.1	1188.7	1173.3	1133.4	1079.9	1012.2	945.4	879.9
50°	1475.5	1462.0	1441.2	1420.6	1441.2	1462.0	1475.5	1460.2	1409.3	1310.4	1152.1
47.5°	2462.5	2419.8	2401.8	2434.4	2401.8	2419.8	2462.5	2434.8	2245.2	1999.2	1817.8
45°	3272.3	3322.3	3359.6	3357.7	3359.6	3322.3	3272.3	3230.3	3024.7	2743.1	2453.9
42.5°	3733.4	3760.0	3767.8	3758.1	3767.8	3760.0	3733.4	3686.8	3449.1	3148.4	2817.1
40°	4144.4	4176.1	4194.0	4210.1	4194.0	4176.1	4144.4	4083.1	3888.4	3608.1	3296.6
37.5°	4750.2	4761.9	4736.5	4720.2	4736.5	4761.9	4750.2	4711.6	4594.6	4236.9	3983.7
35°	6235.6	6266.0	6195.6	6269.9	6195.6	6266.0	6235.6	6083.2	5902.4	5690.4	5114.0
32.5°	7660.1	7802.6	7917.9	8013.4	7917.9	7802.6	7660.1	7514.4	7392.1	6983.1	6229.4
30°	8467.0	8559.0	8608.4	8620.4	8608.4	8559.0	8467.0	8353.6	8191.2	7668.1	6971.2
27.5°	9059.5	9155.9	9216.0	9259.6	9216.0	9155.9	9059.5	8954.7	8765.1	8231.5	7547.3
25°	9630.5	9718.7	9778.7	9802.0	9778.7	9718.7	9630.5	9523.9	9291.4	8840.4	8166.6
22.5°	10223.1	10284.3	10341.9	10370.3	10341.9	10284.3	10223.1	10098.3	9846.2	9486.4	8772.4
20°	11072.5	11039.2	11091.8	11074.1	11091.8	11039.2	11072.5	10881.7	10616.2	10241.1	9551.8
17.5°	12803.5	12821.5	12856.7	12914.4	12856.7	12821.5	12803.5	12550.5	12226.0	11887.3	10928.2
15°	14980.5	15024.4	15247.0	15445.6	15247.0	15024.4	14980.5	14735.8	14183.3	13694.6	12600.3
12.5°	15924.9	16076.4	16100.0	16155.9	16100.0	16076.4	15924.9	15579.7	15207.7	14584.5	13591.4
10°	16240.0	16502.5	16496.9	16562.7	16496.9	16502.5	16240.0	15939.7	15636.1	15104.3	14064.8
7.5°	16479.0	16760.9	16880.1	16930.8	16880.1	16760.9	16479.0	16275.6	15975.9	15460.6	14397.7
5°	16771.0	16926.0	17131.6	17072.9	17131.6	16926.0	16771.0	16515.6	16136.6	15589.0	14619.8
2.5°	16893.4	17136.2	17080.2	17137.4	17080.2	17136.2	16893.4	16548.9	16200.3	15759.7	14911.8
0°	16976.0	17150.3	17176.2	17234.3	17176.2	17150.3	16976.0	16633.8	16278.6	15852.4	14993.6
-2.5°	16875.8	17029.3	17298.0	17214.9	17298.0	17029.3	16875.8	16561.8	16224.0	15793.9	15021.4
-5°	16788.1	17165.7	17019.1	17202.0	17019.1	17165.7	16788.1	16453.7	16117.7	15652.9	14844.7
-7.5°	16742.7	16810.3	16907.6	17047.0	16907.6	16810.3	16742.7	16362.2	15994.7	15504.4	14685.7
-10°	16392.3	16461.3	16640.2	16737.1	16640.2	16461.3	16392.3	16217.9	15789.5	15268.9	14485.4
-12.5°	16012.2	16145.9	16333.7	16394.8	16333.7	16145.9	16012.2	15818.8	15512.7	14944.8	14165.9
-15°	15574.3	15773.0	15956.1	15994.5	15956.1	15773.0	15574.3	15346.0	15007.6	14545.6	13780.7
-17.5°	15017.5	15255.7	15448.1	15490.8	15448.1	15255.7	15017.5	14761.8	14429.3	14016.7	13393.1
-20°	14404.0	14632.2	14795.8	14845.1	14795.8	14632.2	14404.0	14136.1	13822.2	13425.7	12838.0



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°
-22.5°	13747.2	13952.6	14090.9	14070.3	14090.9	13952.6	13747.2	13481.3	13191.1	12829.9	12198.1
-25°	13049.8	13240.5	13372.2	13353.5	13372.2	13240.5	13049.8	12817.7	12529.9	12146.3	11580.4
-27.5°	12312.6	12493.2	12619.8	12623.8	12619.8	12493.2	12312.6	12089.2	11799.8	11413.1	10930.0
-30°	11537.9	11701.9	11804.8	11765.0	11804.8	11701.9	11537.9	11321.2	11052.4	10676.8	10167.4
-32.5°	10738.8	10887.2	10981.4	11009.5	10981.4	10887.2	10738.8	10550.5	10324.0	9979.9	9435.6
-35°	9950.7	10081.5	10162.9	10183.0	10162.9	10081.5	9950.7	9778.7	9557.9	9285.7	8748.1
-37.5°	9167.6	9280.2	9337.0	9311.3	9337.0	9280.2	9167.6	9009.4	8810.4	8576.4	8112.0
-40°	8393.8	8501.0	8566.1	8581.6	8566.1	8501.0	8393.8	8250.0	8065.2	7837.2	7464.6
-42.5°	7633.0	7722.1	7779.3	7806.8	7779.3	7722.1	7633.0	7509.3	7314.7	7061.5	6762.0
-45°	6894.7	6974.3	7028.0	7057.7	7028.0	6974.3	6894.7	6784.0	6594.4	6349.7	6069.2
-47.5°	6176.2	6246.0	6292.3	6315.1	6292.3	6246.0	6176.2	6079.1	5909.9	5668.2	5391.2
-50°	5489.3	5549.8	5592.9	5617.8	5592.9	5549.8	5489.3	5405.1	5261.1	5026.2	4763.3
-52.5°	4837.8	4890.6	4927.4	4946.2	4927.4	4890.6	4837.8	4764.6	4649.6	4427.3	4185.3
-55°	4215.7	4258.5	4292.5	4313.4	4292.5	4258.5	4215.7	4155.5	4073.0	3867.1	3644.3
-57.5°	3635.6	3670.6	3702.8	3725.8	3702.8	3670.6	3635.6	3584.5	3517.0	3340.5	3145.5
-60°	3092.6	3125.6	3153.0	3170.5	3153.0	3125.6	3092.6	3047.2	2989.8	2856.7	2698.5
-62.5°	2602.5	2631.8	2656.9	2673.3	2656.9	2631.8	2602.5	2562.0	2510.1	2407.6	2279.9
-65°	2132.8	2159.0	2177.8	2189.0	2177.8	2159.0	2132.8	2097.4	2052.5	1979.2	1884.6
-67.5°	1736.8	1767.0	1773.0	1769.3	1773.0	1767.0	1736.8	1700.1	1657.1	1600.5	1529.4
-70°	1383.3	1408.9	1414.9	1414.1	1414.9	1408.9	1383.3	1353.8	1320.6	1279.8	1227.0
-72.5°	1081.7	1095.6	1083.7	1065.4	1083.7	1095.6	1081.7	1065.7	1048.4	1025.4	986.0
-75°	811.7	802.8	790.3	774.9	790.3	802.8	811.7	818.8	824.6	823.1	794.0
-77.5°	594.5	572.5	558.1	542.4	558.1	572.5	594.5	614.6	632.8	644.3	624.4
-80°	413.9	392.4	377.5	361.6	377.5	392.4	413.9	434.0	452.7	467.7	461.1
-82.5°	262.2	244.5	235.5	226.0	235.5	244.5	262.2	279.0	294.7	308.4	304.3
-85°	145.6	135.1	129.0	122.7	129.0	135.1	145.6	155.5	164.7	172.8	168.4
-87.5°	64.4	64.5	61.3	58.1	61.3	64.5	64.4	64.2	64.0	63.7	61.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	35.5	33.9	32.3	30.7	29.1	27.4	25.8	24.2	22.6	21.0	19.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	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	0.2	0.2	0.0	0.0	0.6	0.8	0.3	0.0	0.7
67.5°	0.0	0.0	1.2	2.7	3.4	3.3	3.0	3.3	3.9	3.5	3.3
65°	3.9	2.4	1.5	3.2	4.9	6.5	6.9	6.0	5.9	6.8	8.0
62.5°	13.0	13.6	11.7	9.8	8.5	9.4	10.3	11.0	9.6	7.7	10.1
60°	38.9	23.7	34.5	36.9	29.4	25.5	38.2	36.3	18.9	16.3	14.7
57.5°	187.4	156.8	172.1	156.3	107.0	93.4	96.8	92.3	83.6	51.2	21.8
55°	645.7	553.3	434.7	375.5	361.7	276.6	206.2	172.1	156.1	112.7	74.7
52.5°	820.2	762.5	672.7	549.0	482.9	458.2	391.7	313.4	249.0	199.1	143.0
50°	1028.4	1043.8	951.6	780.4	712.7	639.4	574.8	484.2	402.6	322.9	238.3
47.5°	1677.7	1562.8	1470.4	1342.6	1099.8	944.9	843.1	694.7	582.8	486.4	382.1
45°	2236.9	2105.4	2015.0	1816.7	1558.8	1319.1	1159.1	973.1	775.1	646.1	551.4
42.5°	2634.1	2463.8	2315.4	2153.6	1907.2	1636.8	1417.3	1233.3	1025.2	816.0	690.0
40°	3022.7	2752.9	2605.8	2460.9	2228.7	1925.3	1754.3	1484.1	1266.7	1034.9	862.9
37.5°	3602.4	3143.6	3091.6	2952.1	2689.4	2373.9	2181.5	1914.9	1511.8	1293.1	1095.4
35°	4582.0	4109.3	3836.4	3699.7	3359.1	2957.1	2640.3	2391.3	1991.4	1560.9	1333.0
32.5°	5661.5	5063.3	4649.2	4454.1	4088.6	3543.0	3152.3	2835.5	2434.1	1947.0	1581.5
30°	6271.0	5725.5	5226.7	4893.2	4537.9	4069.0	3620.6	3173.3	2737.6	2334.4	1850.7
27.5°	6838.3	6158.1	5620.3	5243.9	4911.3	4460.5	3964.3	3484.9	3006.0	2607.7	2176.2
25°	7378.7	6624.9	6038.9	5596.9	5210.1	4853.2	4292.4	3768.6	3269.0	2828.9	2491.3
22.5°	7882.1	7182.5	6507.2	5929.3	5601.7	5218.5	4665.6	4031.1	3543.0	3172.8	2775.6
20°	8711.3	7928.0	7073.0	6573.0	6268.2	5676.3	5050.7	4423.4	3975.1	3551.1	3083.9
17.5°	10078.0	9100.7	8078.3	7542.9	7111.3	6385.4	5588.1	4965.7	4406.1	3933.6	3419.5
15°	11574.3	10316.2	9303.2	8611.6	7927.9	7077.5	6154.7	5482.4	4846.5	4314.9	3727.7
12.5°	12313.9	11116.1	10220.1	9245.3	8363.3	7592.8	6719.6	5978.2	5256.5	4563.9	3918.5
10°	12755.1	11564.9	10551.3	9578.3	8694.2	7952.8	7141.8	6263.5	5461.7	4728.7	4077.6
7.5°	13098.4	11872.1	10792.5	9823.9	8928.0	8146.0	7369.8	6449.0	5625.8	4861.9	4205.2
5°	13336.0	12111.4	11016.8	10037.3	9094.2	8284.5	7539.1	6589.4	5748.0	4963.0	4302.1
2.5°	13580.9	12297.2	11157.1	10175.3	9200.2	8372.4	7641.5	6696.6	5847.4	5038.0	4383.0
0°	13676.4	12404.3	11254.9	10247.6	9259.6	8407.3	7671.2	6767.2	5914.8	5081.8	4436.1
-2.5°	13737.8	12439.3	11293.2	10294.4	9338.2	8462.5	7704.6	6846.3	5936.1	5129.1	4451.0
-5°	13644.5	12398.0	11261.1	10255.7	9339.9	8466.8	7681.3	6858.0	5930.7	5141.7	4439.4
-7.5°	13530.0	12288.8	11138.9	10152.7	9272.5	8408.5	7611.8	6806.7	5910.4	5121.0	4417.6
-10°	13336.6	12114.4	11019.9	10045.5	9154.1	8284.1	7510.6	6709.3	5844.4	5062.4	4366.3
-12.5°	13078.4	11894.3	10813.2	9849.5	8994.5	8156.0	7398.5	6574.6	5731.8	4964.8	4285.1
-15°	12737.4	11606.2	10557.4	9618.1	8791.1	7989.4	7232.4	6425.6	5622.0	4844.5	4173.7
-17.5°	12364.2	11226.1	10193.3	9308.4	8523.9	7763.9	7021.2	6269.2	5495.4	4731.6	4073.4
-20°	11940.5	10822.8	9799.7	8941.9	8201.7	7481.7	6794.8	6094.2	5319.8	4601.8	3968.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	11330.8	10343.6	9405.5	8564.5	7856.9	7197.8	6536.3	5858.9	5092.0	4439.2	3824.9
-25°	10728.1	9810.2	8967.0	8194.1	7510.6	6884.7	6241.3	5569.8	4889.3	4248.1	3649.6
-27.5°	10138.3	9288.2	8448.1	7753.2	7139.4	6528.0	5923.5	5288.2	4661.7	4033.2	3485.0
-30°	9501.6	8706.4	7948.9	7296.7	6715.8	6150.1	5606.4	5013.2	4396.8	3800.4	3307.4
-32.5°	8802.3	8104.4	7436.8	6822.8	6279.7	5778.6	5262.6	4700.4	4091.2	3582.8	3101.6
-35°	8123.5	7479.4	6903.3	6361.6	5868.7	5410.0	4910.6	4347.5	3812.7	3335.6	2869.5
-37.5°	7516.1	6888.7	6355.1	5888.5	5476.8	5041.9	4543.8	4044.2	3541.4	3060.3	2653.6
-40°	6887.5	6302.0	5828.2	5448.9	5054.9	4663.4	4225.0	3760.5	3264.3	2794.3	2441.8
-42.5°	6278.2	5805.8	5338.7	4959.0	4605.8	4285.3	3915.4	3446.5	2990.4	2582.2	2243.4
-45°	5681.7	5252.5	4826.1	4479.9	4186.1	3885.5	3554.9	3128.6	2719.0	2368.5	2049.0
-47.5°	5068.7	4707.3	4351.7	4029.9	3767.2	3475.3	3156.2	2795.1	2459.4	2143.6	1860.6
-50°	4480.2	4187.1	3899.4	3620.5	3354.7	3069.7	2784.5	2493.1	2193.6	1918.4	1661.6
-52.5°	3926.1	3683.4	3440.3	3196.2	2963.8	2714.7	2451.6	2192.4	1928.9	1699.0	1469.6
-55°	3404.9	3196.9	3004.0	2808.2	2612.5	2387.7	2150.4	1916.9	1706.6	1495.4	1308.4
-57.5°	2943.5	2760.8	2607.4	2447.6	2282.0	2083.1	1880.1	1682.7	1508.3	1333.5	1160.4
-60°	2535.8	2376.5	2245.0	2105.7	1958.8	1792.4	1631.4	1475.0	1324.3	1181.6	1032.5
-62.5°	2150.8	2022.3	1903.8	1785.8	1666.4	1540.4	1402.6	1276.5	1159.7	1039.5	904.7
-65°	1786.6	1685.9	1586.5	1491.2	1393.1	1291.8	1182.1	1082.3	986.8	889.3	772.8
-67.5°	1454.3	1375.6	1295.0	1215.3	1138.8	1058.4	975.0	891.8	814.0	734.4	639.8
-70°	1170.8	1111.5	1048.8	982.3	919.0	856.0	791.5	724.2	653.0	588.0	523.2
-72.5°	945.0	902.4	855.5	801.7	744.7	690.4	638.0	585.5	531.4	475.8	419.3
-75°	763.7	732.4	696.7	651.8	605.7	558.4	514.3	469.2	419.8	365.9	313.3
-77.5°	604.7	585.5	563.6	527.7	491.5	454.9	415.6	366.3	316.0	266.3	222.9
-80°	453.3	444.2	431.2	400.0	368.8	337.8	305.0	261.9	219.1	179.0	146.8
-82.5°	299.1	292.9	284.6	263.8	243.2	223.1	202.4	172.5	143.9	116.8	92.9
-85°	163.5	158.1	152.3	142.4	132.6	122.9	112.9	96.5	81.0	66.5	53.6
-87.5°	59.8	57.7	55.7	53.6	51.4	49.2	47.0	42.1	37.4	32.9	28.5
-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: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	17.8	16.2	14.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1	3.4
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	1.0	2.0
82.5°	0.0	0.0	0.0	0.1	1.1	1.7	1.9	1.7	0.9	0.2	0.5
80°	0.0	0.0	0.0	0.2	1.6	3.5	4.3	4.4	3.4	2.4	1.3
77.5°	0.0	0.0	0.0	0.1	0.7	1.9	3.7	5.9	5.9	4.5	3.2
75°	0.0	0.0	0.0	0.3	0.4	0.1	1.4	3.4	5.3	6.4	5.1
72.5°	0.0	0.0	0.0	0.8	1.7	1.8	1.1	1.1	3.8	5.5	6.4
70°	1.0	0.4	0.0	1.1	2.7	4.0	3.7	3.0	2.5	4.8	6.1
67.5°	3.1	3.3	2.4	1.8	2.9	4.5	6.1	5.8	5.0	4.2	6.0
65°	7.5	7.0	6.4	5.6	4.9	4.8	6.3	8.0	7.5	6.5	5.9
62.5°	11.3	11.2	10.4	9.4	8.4	7.3	6.8	8.9	9.8	8.7	7.3
60°	14.5	15.2	14.5	13.2	11.9	10.6	9.6	10.1	11.3	10.9	9.3
57.5°	20.1	19.6	19.3	17.5	15.4	13.8	12.9	12.7	13.0	12.8	11.2
55°	35.4	24.6	24.8	23.0	19.8	17.0	16.3	15.7	15.0	14.7	13.1
52.5°	89.7	49.8	32.0	29.5	25.7	21.1	19.6	18.7	17.8	16.9	14.9
50°	165.6	107.2	60.7	38.1	32.5	27.7	23.0	21.8	20.5	19.2	16.8
47.5°	265.1	184.3	119.8	60.1	42.0	34.6	28.8	24.8	23.2	21.6	18.6
45°	408.4	271.6	188.3	119.0	55.9	47.8	35.6	27.8	25.9	23.8	20.4
42.5°	568.1	398.6	264.2	179.7	106.7	66.1	42.6	33.8	28.6	26.2	22.3
40°	724.8	550.8	354.9	247.8	161.0	88.6	61.2	40.3	31.3	28.7	24.5
37.5°	898.3	711.9	497.2	320.5	216.3	135.2	83.9	47.0	35.6	31.5	26.8
35°	1112.7	890.5	639.6	427.0	286.5	178.5	109.0	59.7	43.7	34.3	29.1
32.5°	1326.9	1068.9	793.4	550.8	359.8	218.4	141.9	85.2	53.3	37.3	31.5
30°	1542.4	1232.3	938.3	665.4	444.1	282.4	177.2	110.0	64.1	40.4	34.0
27.5°	1736.5	1386.4	1073.9	785.2	543.1	350.0	214.2	134.0	76.2	45.7	36.5
25°	1955.7	1553.1	1207.4	899.7	633.6	420.5	252.1	157.5	93.9	55.1	39.0
22.5°	2237.7	1724.3	1331.0	1003.4	723.2	487.9	300.9	188.6	113.3	64.9	41.6
20°	2518.2	1891.6	1452.2	1133.5	820.6	563.7	357.3	219.5	131.7	75.1	44.1
17.5°	2793.4	2105.9	1628.5	1266.3	924.9	634.7	409.9	249.9	149.1	85.5	46.6
15°	3040.1	2351.4	1801.9	1391.9	1027.0	700.3	458.7	279.3	165.4	95.9	49.9
12.5°	3247.4	2563.1	1965.1	1509.5	1125.3	760.2	503.2	307.6	180.5	107.6	54.4
10°	3418.6	2742.1	2116.4	1618.1	1218.2	814.1	543.3	335.9	198.1	119.9	59.1
7.5°	3555.4	2890.0	2254.0	1716.8	1302.6	864.5	586.5	365.7	215.1	131.6	63.9
5°	3658.3	3005.4	2360.4	1787.5	1369.6	910.9	626.3	393.1	231.0	142.5	68.7
2.5°	3725.2	3090.4	2439.3	1842.9	1424.2	949.9	661.2	417.7	245.4	152.5	73.2
0°	3764.6	3151.1	2498.9	1885.5	1465.8	981.5	690.9	439.1	258.3	161.4	77.5
-2.5°	3799.8	3190.9	2551.0	1959.8	1494.4	1033.3	709.9	458.4	278.7	167.8	85.4
-5°	3811.4	3208.5	2585.1	2017.1	1511.7	1075.3	723.3	474.1	296.6	173.0	92.6
-7.5°	3791.8	3197.9	2597.1	2049.6	1519.7	1104.9	731.0	486.4	311.1	177.0	98.9
-10°	3748.1	3163.3	2581.3	2039.8	1530.7	1114.2	735.5	495.4	321.7	180.0	104.1
-12.5°	3683.3	3111.0	2547.4	2018.1	1528.8	1108.3	747.7	502.5	327.2	182.1	108.0
-15°	3598.5	3042.7	2495.5	1986.1	1510.4	1095.0	750.7	505.0	326.6	185.8	110.3
-17.5°	3498.6	2959.7	2426.0	1945.3	1474.6	1074.9	743.9	501.9	323.3	191.4	112.7
-20°	3398.7	2867.6	2343.5	1897.1	1420.6	1048.8	726.6	492.7	317.4	195.0	115.0



REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	3281.4	2761.8	2272.2	1829.9	1362.1	1017.4	698.3	477.0	308.9	196.6	116.0
-25°	3146.7	2638.2	2186.5	1737.6	1316.0	981.8	669.1	454.7	298.0	196.0	115.7
-27.5°	2994.5	2506.3	2085.6	1636.4	1268.2	932.2	641.4	438.3	288.6	193.3	113.9
-30°	2824.6	2382.0	1965.0	1539.1	1209.7	878.5	605.1	420.0	284.4	189.7	110.8
-32.5°	2641.5	2242.1	1835.3	1464.9	1143.2	822.9	573.1	399.3	277.3	185.0	110.9
-35°	2469.8	2089.8	1703.0	1379.4	1072.6	789.9	551.7	376.3	267.3	178.6	111.5
-37.5°	2285.9	1930.2	1598.2	1290.1	998.4	752.0	534.4	366.0	254.4	170.4	111.1
-40°	2108.9	1778.8	1476.9	1205.1	943.4	709.4	507.1	354.5	241.9	160.3	109.6
-42.5°	1929.9	1636.5	1360.9	1112.6	891.5	668.1	472.1	336.9	231.9	154.5	107.1
-45°	1765.1	1489.5	1237.4	1031.9	833.9	615.3	445.3	314.9	219.5	150.4	104.8
-47.5°	1591.8	1339.8	1124.6	943.5	758.5	557.8	411.1	297.4	204.7	144.9	103.3
-50°	1413.0	1198.0	1019.1	846.4	666.3	509.9	374.6	276.7	199.4	140.7	100.8
-52.5°	1256.5	1073.5	911.2	746.5	596.6	453.9	346.9	254.4	192.3	137.1	97.2
-55°	1121.7	955.0	804.8	664.7	530.3	412.7	315.5	243.8	183.6	132.6	92.9
-57.5°	1002.6	845.3	717.6	591.7	474.9	373.0	293.4	231.2	174.5	126.4	89.0
-60°	886.8	757.7	638.4	526.1	423.3	338.7	276.2	216.8	163.6	118.5	84.6
-62.5°	779.8	666.1	562.2	460.8	377.0	310.9	256.5	199.9	150.7	108.6	78.8
-65°	667.5	570.6	482.8	403.2	334.9	278.2	231.0	180.7	133.7	96.7	71.3
-67.5°	550.8	479.7	411.1	344.8	289.0	241.5	201.7	155.3	113.8	83.0	62.6
-70°	458.6	396.1	338.0	286.0	240.5	201.7	164.8	125.5	91.8	71.1	53.4
-72.5°	365.1	314.1	266.6	225.1	192.7	159.7	126.1	96.0	76.1	58.6	43.6
-75°	270.3	235.8	204.8	176.0	146.8	117.9	96.2	76.4	60.0	45.7	36.8
-77.5°	196.1	171.2	148.4	130.2	110.1	90.9	72.6	56.0	45.4	37.9	30.9
-80°	133.2	120.1	107.6	94.8	78.6	63.4	52.4	43.1	36.6	30.5	24.9
-82.5°	83.9	76.9	70.7	64.3	54.8	46.4	38.9	32.5	27.6	23.0	20.3
-85°	49.8	46.1	42.4	38.8	33.6	29.0	26.8	24.8	22.6	20.5	18.4
-87.5°	28.1	27.7	27.3	26.8	25.4	24.2	23.1	22.1	20.2	18.3	16.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2	4.9

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Peachtree City, GA 30269

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REPORT NUMBER: P627650 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.9	11.3	9.7	8.1	6.5	6.5	6.5
87.5°	4.8	5.4	5.9	6.3	6.5	6.5	6.5
85°	3.2	4.4	5.4	6.1	6.5	6.5	6.5
82.5°	1.5	3.4	4.8	5.9	6.5	6.5	6.5
80°	0.3	2.4	4.3	5.7	6.5	6.5	6.5
77.5°	2.0	2.2	3.8	5.5	6.5	6.5	6.5
75°	3.6	3.2	3.6	5.4	6.5	6.5	6.5
72.5°	5.2	4.2	4.1	5.2	6.5	6.5	6.5
70°	6.5	5.2	4.7	5.2	6.5	6.5	6.5
67.5°	6.7	6.1	5.2	5.4	6.5	6.5	6.5
65°	6.9	6.7	5.7	5.6	6.5	6.5	6.5
62.5°	7.3	7.2	6.1	5.8	6.5	6.5	6.5
60°	7.7	7.8	6.5	6.0	6.5	6.5	6.5
57.5°	9.2	8.4	7.1	6.2	6.6	6.5	6.5
55°	10.8	9.1	7.7	6.3	6.7	6.5	6.5
52.5°	12.4	9.9	8.4	6.4	6.8	6.5	6.5
50°	14.0	11.2	9.1	6.5	6.9	6.5	6.5
47.5°	15.6	12.5	9.9	6.6	7.1	6.5	6.5
45°	17.1	13.8	10.6	7.2	7.3	6.5	6.5
42.5°	18.6	15.0	11.4	7.8	7.5	6.5	6.5
40°	20.0	16.2	12.3	8.6	7.7	6.5	6.5
37.5°	21.4	17.4	13.3	9.5	8.0	6.5	6.5
35°	22.7	18.5	14.2	10.3	8.2	6.5	6.5
32.5°	24.2	19.6	15.0	11.1	8.5	6.5	6.5
30°	26.1	20.6	15.9	11.9	8.8	6.5	6.5
27.5°	28.1	21.6	16.9	12.7	9.2	6.5	6.5
25°	30.0	22.5	17.9	13.4	9.5	6.5	6.5
22.5°	31.8	23.5	18.9	14.2	9.8	6.5	6.5
20°	33.7	24.7	19.8	14.9	10.2	6.5	6.5
17.5°	35.6	25.8	20.7	15.6	10.6	6.5	6.5
15°	37.3	26.9	21.6	16.2	10.9	6.5	6.5
12.5°	39.0	28.0	22.4	16.8	11.3	6.5	6.5
10°	40.5	28.9	23.2	17.4	11.6	6.5	6.5
7.5°	41.9	29.9	23.9	18.0	12.0	6.5	6.5
5°	43.2	30.7	24.6	18.5	12.3	6.5	6.5
2.5°	44.3	31.5	25.2	19.0	12.6	6.5	6.5
0°	45.2	32.3	25.8	19.4	12.9	6.5	6.5
-2.5°	47.7	33.0	26.3	19.4	12.9	6.5	6.5
-5°	50.0	33.6	26.8	19.3	12.9	6.5	6.5
-7.5°	52.0	34.1	27.2	19.2	12.8	6.5	6.5
-10°	53.7	34.6	27.5	19.1	12.7	6.5	6.5
-12.5°	54.9	35.0	27.8	18.9	12.6	6.5	6.5
-15°	55.7	35.4	27.8	18.7	12.5	6.5	6.5
-17.5°	56.0	35.7	27.8	18.5	12.3	6.5	6.5
-20°	57.5	35.9	27.6	18.2	12.1	6.5	6.5

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CATALOG NUMBER: GFLD-SA5C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.1	36.0	27.3	17.9	11.9	6.5	6.5
-25°	64.2	38.4	26.8	17.6	11.7	6.5	6.5
-27.5°	66.5	41.4	26.2	17.2	11.5	6.5	6.5
-30°	68.1	44.0	25.6	16.8	11.2	6.5	6.5
-32.5°	69.0	46.2	26.5	16.3	10.9	6.5	6.5
-35°	70.8	47.9	27.2	15.9	10.6	6.5	6.5
-37.5°	72.7	48.9	27.6	15.4	10.3	6.5	6.5
-40°	73.9	49.3	27.8	14.8	9.9	6.5	6.5
-42.5°	74.3	49.3	28.0	14.5	9.5	6.5	6.5
-45°	73.9	48.9	28.1	14.6	9.1	6.5	6.5
-47.5°	72.8	48.2	27.9	14.5	8.7	6.5	6.5
-50°	71.3	47.1	27.4	14.3	8.3	6.5	6.5
-52.5°	69.3	45.6	26.6	14.0	7.9	6.5	6.5
-55°	66.8	43.7	25.4	13.7	7.4	6.5	6.5
-57.5°	63.8	41.4	24.0	13.2	7.0	6.5	6.5
-60°	60.3	38.5	22.3	12.6	6.5	6.5	6.5
-62.5°	55.4	35.3	21.1	11.9	6.5	6.5	6.5
-65°	50.0	31.6	19.7	11.1	6.5	6.5	6.5
-67.5°	43.9	28.4	18.2	10.3	6.5	6.5	6.5
-70°	37.4	25.8	16.6	9.4	6.5	6.5	6.5
-72.5°	33.0	23.0	14.8	9.1	6.5	6.5	6.5
-75°	28.8	20.1	12.9	9.1	6.5	6.5	6.5
-77.5°	24.3	17.0	12.2	9.0	6.5	6.5	6.5
-80°	19.7	15.3	11.8	8.8	6.5	6.5	6.5
-82.5°	17.8	14.3	11.3	8.7	6.5	6.5	6.5
-85°	16.2	13.4	10.8	8.5	6.5	6.5	6.5
-87.5°	14.6	12.3	10.3	8.3	6.5	6.5	6.5
-90°	6.5	6.5	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)