

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

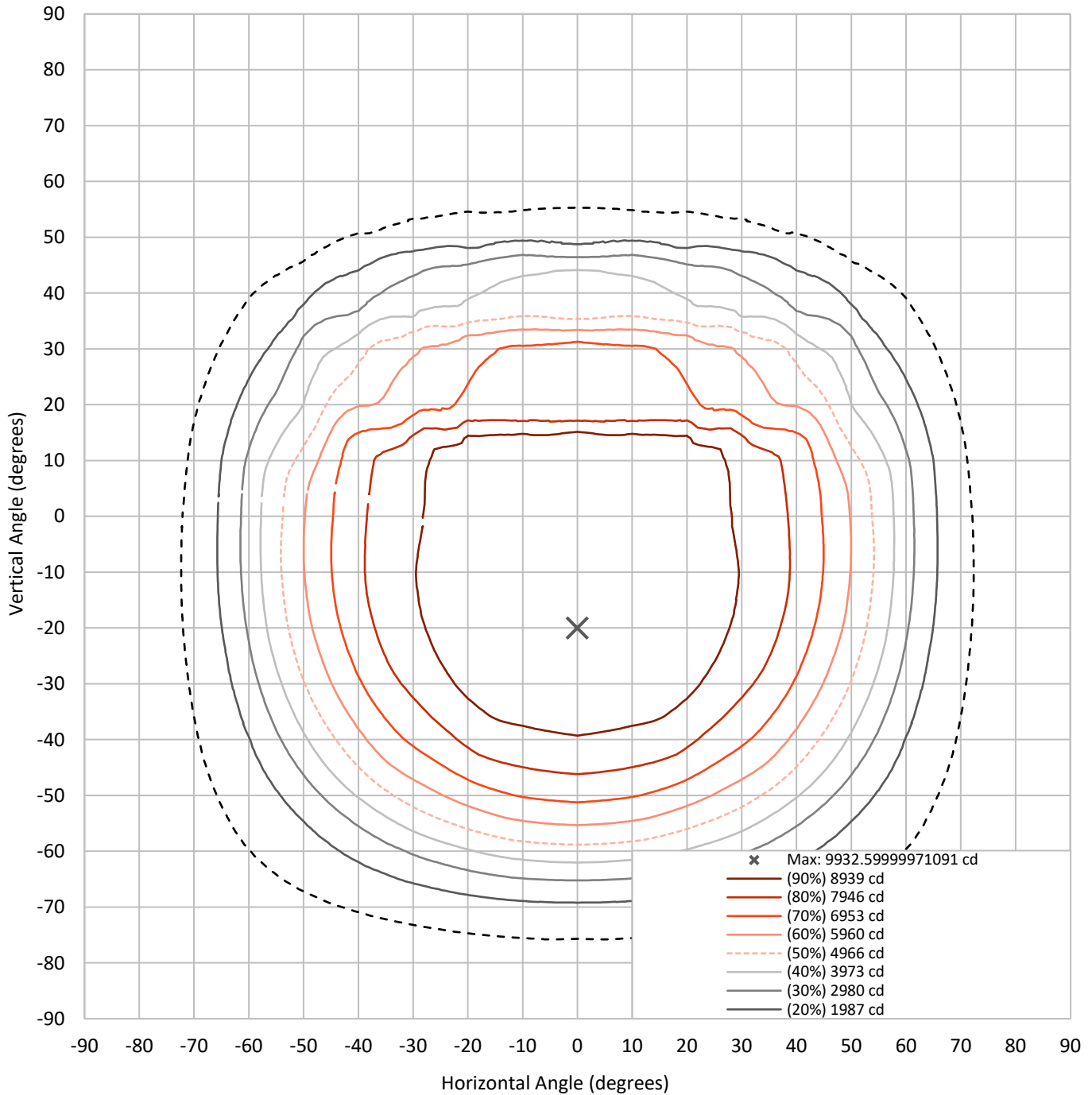
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	23289.9 lumens	Max Intensity:	9932.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	18206.7 lumens	Field Lumens:	22827.5 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
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-SA6C-730-U-LAM-VSR-XX

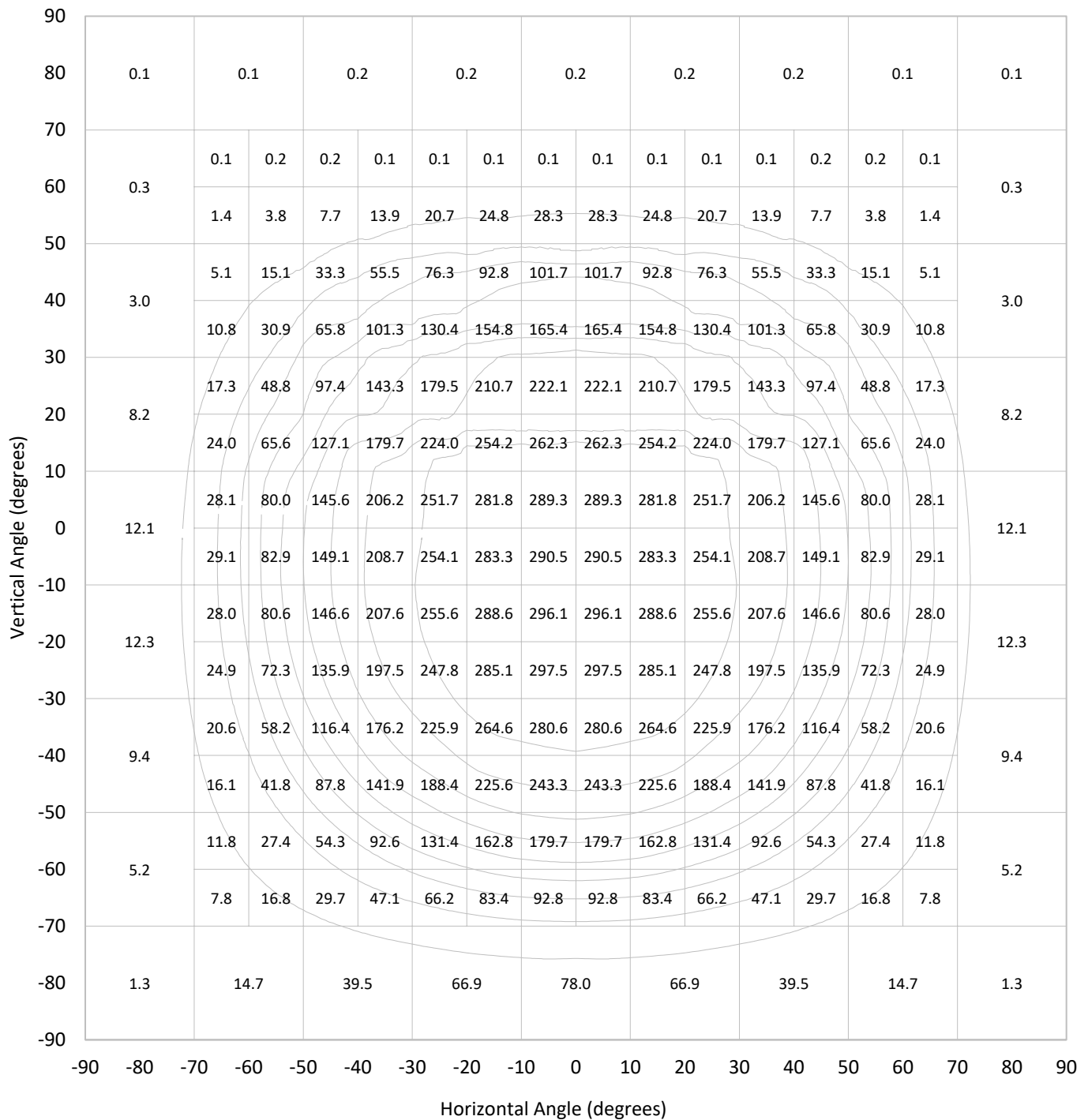
Iso-Candela Plot





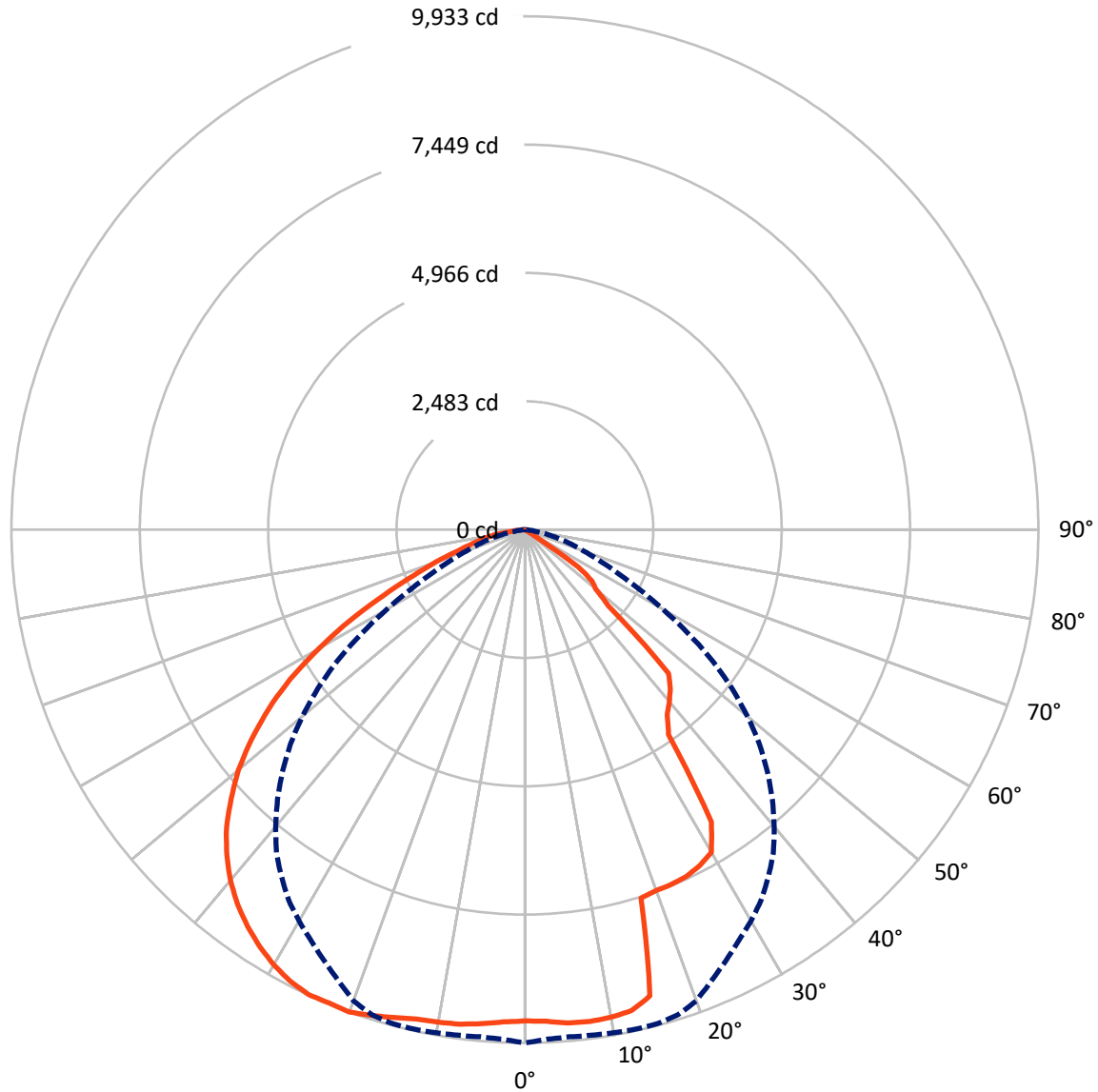
REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
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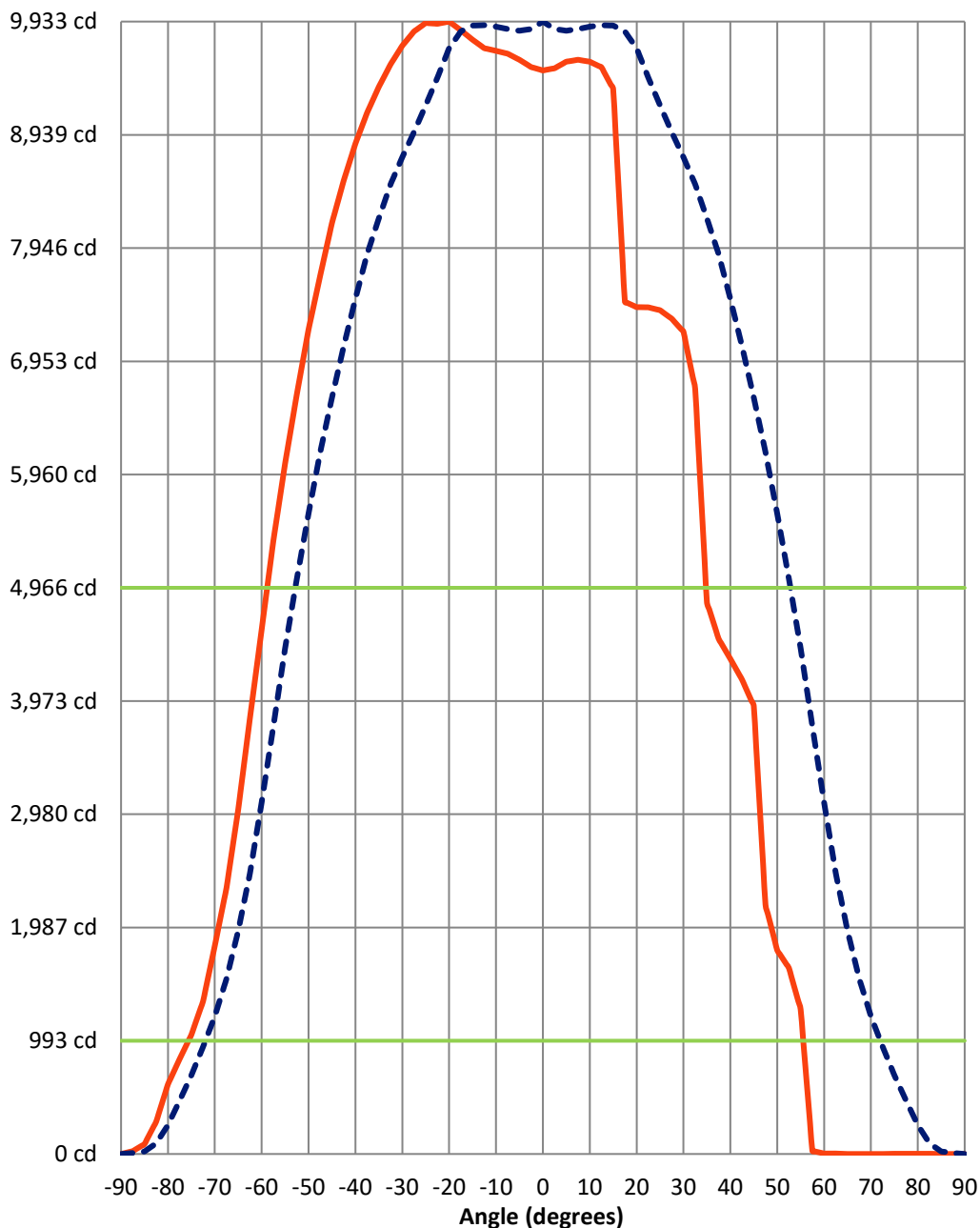
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 18206.7
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 22827.5
 Efficiency: 98.0%

Spill:
 Lumens: 462.5
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -20-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	0.4	0.5	0.7	0.9	1.1	1.1	1.1	1.0	0.9
85°	0.0	0.5	0.7	1.1	1.5	1.8	2.2	2.2	2.2	2.0	1.8
82.5°	0.0	0.7	1.1	1.6	2.2	2.7	3.3	3.3	3.2	2.7	2.1
80°	0.0	0.9	1.5	2.2	2.9	3.6	4.2	3.7	3.2	2.7	2.2
77.5°	0.0	1.2	1.8	2.7	3.6	4.2	4.2	3.8	3.2	2.7	2.2
75°	0.0	1.4	2.2	3.3	4.2	4.4	4.3	3.8	3.3	2.8	2.3
72.5°	0.0	1.6	2.6	3.8	4.4	4.5	4.3	3.8	3.3	2.8	2.3
70°	0.0	1.8	3.0	4.2	4.6	4.7	4.4	3.9	3.4	2.9	3.3
67.5°	0.0	2.1	3.3	4.5	4.9	4.9	4.9	3.9	3.5	4.7	4.8
65°	0.0	2.3	3.7	4.7	5.1	5.6	5.7	4.0	5.6	6.6	8.3
62.5°	0.0	2.5	4.1	4.9	5.3	7.0	6.6	5.6	7.8	11.6	18.4
60°	0.0	2.7	4.5	5.1	5.6	8.5	7.8	8.0	10.2	29.4	32.0
57.5°	0.0	2.9	4.7	5.4	7.2	10.2	14.5	11.3	28.8	50.0	58.1
55°	0.0	3.2	5.0	5.6	9.0	12.0	23.1	18.3	53.4	77.2	94.1
52.5°	0.0	3.4	5.2	5.8	10.8	15.4	33.2	46.4	80.2	121.1	136.5
50°	0.0	3.6	5.5	6.1	12.8	26.3	44.7	78.5	114.8	170.0	213.2
47.5°	0.0	3.8	5.7	6.7	14.8	38.0	60.1	112.0	165.4	223.9	291.6
45°	0.0	4.0	6.0	8.3	16.9	50.6	90.7	147.1	222.1	291.8	367.7
42.5°	0.0	4.2	6.3	9.9	19.1	63.9	122.1	191.7	279.7	358.0	455.4
40°	0.0	4.4	6.5	11.9	25.7	78.0	154.1	242.4	339.1	422.9	549.3
37.5°	0.0	4.5	6.8	14.5	36.7	92.9	186.7	293.3	401.4	500.8	647.4
35°	0.0	4.7	7.1	17.3	48.0	115.4	219.9	344.0	464.7	596.6	763.3
32.5°	0.0	4.9	7.4	20.4	59.4	141.6	255.8	394.7	528.7	692.9	904.3
30°	0.0	5.1	7.6	23.8	70.8	167.5	297.0	445.7	593.3	789.4	1039.6
27.5°	0.0	5.2	7.9	27.3	85.0	193.2	337.3	498.9	664.3	885.8	1168.9
25°	0.0	5.4	8.2	31.1	99.5	218.4	376.6	551.6	744.4	991.1	1292.1
22.5°	0.0	5.5	8.5	35.1	114.0	244.1	414.8	603.3	822.9	1096.3	1416.9
20°	0.0	5.7	8.7	39.1	128.3	271.7	451.7	654.0	899.4	1195.6	1538.6
17.5°	0.0	5.8	9.0	43.2	142.4	298.4	488.2	703.2	973.5	1288.7	1656.6
15°	0.0	5.9	9.3	47.4	156.2	324.1	523.3	749.0	1044.6	1375.6	1769.9
12.5°	0.0	6.0	9.5	51.5	169.4	348.6	556.1	789.7	1101.3	1456.1	1877.7
10°	0.0	6.1	9.8	55.6	182.2	371.7	586.5	827.3	1143.6	1504.4	1965.5
7.5°	0.0	6.2	10.0	59.5	194.2	393.3	614.5	861.5	1179.7	1541.8	2016.7
5°	0.0	6.3	10.2	63.2	205.4	413.2	639.9	892.4	1209.7	1571.9	2058.4
2.5°	0.0	6.3	10.4	66.8	215.6	431.3	662.7	919.8	1234.1	1595.1	2090.2
0°	0.0	6.4	10.6	70.0	224.8	447.4	682.8	943.6	1253.2	1611.6	2112.1
-2.5°	0.0	6.8	12.3	74.6	233.4	457.6	692.8	957.5	1260.1	1632.4	2126.4
-5°	0.0	7.1	13.9	78.7	240.6	465.6	700.1	967.7	1262.4	1645.9	2130.9
-7.5°	0.0	7.4	15.5	82.5	246.6	471.5	704.8	974.0	1260.7	1651.4	2126.1
-10°	0.0	7.7	17.0	85.8	251.1	475.2	706.9	976.5	1255.3	1648.1	2112.6
-12.5°	0.0	8.0	18.5	88.5	254.1	476.7	706.5	974.8	1246.6	1634.8	2089.4
-15°	0.0	8.3	19.8	90.7	255.5	476.0	703.7	969.1	1236.8	1608.9	2055.8
-17.5°	0.0	8.5	21.1	92.3	255.3	473.1	698.6	957.4	1224.7	1576.5	2012.0
-20°	0.0	8.7	22.3	93.2	253.5	468.1	690.6	940.7	1207.6	1537.9	1958.0

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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°	0.0	8.9	23.4	93.5	249.9	461.0	679.0	920.7	1185.3	1493.4	1893.9
-25°	0.0	9.0	24.3	93.0	244.6	449.9	664.8	897.4	1157.8	1443.3	1819.6
-27.5°	0.0	9.1	25.1	91.9	237.5	436.1	647.9	871.0	1125.0	1394.8	1753.9
-30°	0.0	9.2	25.7	90.0	228.5	420.4	628.4	841.6	1089.1	1353.7	1683.7
-32.5°	0.0	9.2	26.2	87.4	218.2	402.8	606.3	814.3	1051.0	1306.3	1608.5
-35°	0.0	9.2	26.6	84.0	206.6	383.4	582.3	785.6	1009.8	1252.6	1528.9
-37.5°	0.0	9.2	26.8	79.8	193.9	363.9	556.5	753.9	965.7	1192.6	1450.1
-40°	0.0	9.1	26.8	74.8	180.0	346.2	528.8	719.2	918.8	1135.9	1372.5
-42.5°	0.0	8.9	26.6	69.4	169.5	327.3	499.1	681.6	873.5	1075.9	1288.8
-45°	0.0	8.8	26.3	64.0	162.3	307.1	467.5	642.7	827.1	1012.0	1202.1
-47.5°	0.0	8.5	25.9	57.8	153.9	285.8	434.2	603.8	777.4	944.9	1127.1
-50°	0.0	8.3	25.2	55.7	144.1	263.4	406.3	562.9	722.5	883.4	1048.5
-52.5°	0.0	8.0	24.4	54.6	133.2	239.9	378.4	520.2	669.9	820.1	968.0
-55°	0.0	7.6	23.4	52.9	121.0	222.1	349.4	477.0	617.2	755.0	896.5
-57.5°	0.0	7.3	22.3	50.6	107.6	204.1	319.4	442.7	562.6	692.5	823.3
-60°	0.0	6.9	21.0	47.7	93.6	184.3	288.8	404.8	508.0	629.5	750.3
-62.5°	0.0	6.4	19.7	44.3	87.0	163.1	261.0	363.6	457.5	564.7	678.8
-65°	0.0	5.9	18.3	40.4	79.4	140.3	231.1	320.8	404.0	499.7	605.5
-67.5°	0.0	5.4	16.8	36.1	71.0	121.3	199.4	278.3	347.7	431.9	526.5
-70°	0.0	4.9	15.2	31.3	61.7	106.2	165.9	234.8	297.2	361.0	442.3
-72.5°	0.0	4.3	13.5	27.6	51.8	89.9	140.3	190.4	245.9	302.2	359.3
-75°	0.0	3.8	11.8	24.0	41.2	72.6	114.7	153.4	193.5	242.7	292.4
-77.5°	0.0	3.2	9.9	20.2	34.0	54.5	87.9	118.6	150.5	185.1	224.5
-80°	0.0	2.6	8.0	16.3	27.5	41.5	60.0	83.1	107.8	134.5	163.3
-82.5°	0.0	1.9	6.0	12.3	20.8	31.4	44.0	53.3	64.4	83.2	103.6
-85°	0.0	1.3	4.0	8.3	13.9	21.0	29.5	35.7	42.0	48.6	55.4
-87.5°	0.0	0.6	2.0	4.1	7.0	10.6	14.8	17.9	21.0	24.3	27.8
-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°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.4	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	3.3	3.4	3.0	2.4	2.1	2.2	2.4	2.3	2.1	2.1	2.1
67.5°	4.1	3.6	3.0	2.9	2.9	3.2	3.1	2.6	2.1	2.1	2.2
65°	4.1	3.6	5.3	6.0	4.4	3.7	3.2	2.7	2.9	3.0	3.0
62.5°	6.3	7.9	10.1	17.9	13.4	3.9	7.0	8.2	6.0	5.0	5.4
60°	20.7	14.1	41.8	59.8	37.3	13.6	16.6	55.4	48.0	8.9	30.0
57.5°	43.6	59.7	110.0	112.0	77.5	53.4	155.5	179.7	136.0	79.3	121.4
55°	95.9	147.3	182.5	168.9	184.4	279.4	332.0	298.2	251.1	386.2	493.4
52.5°	187.3	239.8	251.7	289.0	413.7	475.3	455.5	487.1	631.7	784.4	817.6
50°	276.5	319.4	352.9	510.2	607.8	614.0	659.4	802.5	995.4	1088.9	1066.3
47.5°	362.7	407.2	563.1	714.3	758.1	818.2	931.4	1207.9	1412.1	1416.1	1393.0
45°	453.9	572.7	771.6	870.3	941.4	1057.5	1331.0	1712.4	1732.1	1787.5	2128.3
42.5°	551.4	759.6	933.2	1035.8	1150.6	1367.3	1732.3	1982.4	2068.5	2311.0	2585.1
40°	709.3	940.1	1091.8	1222.9	1370.6	1686.7	2086.5	2320.8	2390.8	2600.7	2806.8
37.5°	869.6	1090.8	1260.8	1419.0	1623.7	2050.4	2512.9	2706.2	2741.6	2780.0	3236.5
35°	1023.9	1245.4	1448.9	1655.9	1906.9	2521.2	2925.4	3107.2	3101.6	3360.7	3838.8
32.5°	1168.2	1403.5	1643.6	1920.4	2334.6	2964.0	3368.4	3477.2	3642.3	4019.4	4671.9
30°	1312.3	1579.8	1855.5	2185.3	2710.0	3255.5	3717.2	3892.3	4175.1	4605.5	5080.4
27.5°	1460.7	1760.5	2094.0	2480.4	3006.2	3507.7	3902.0	4320.4	4595.2	4980.9	5318.7
25°	1608.5	1951.9	2329.4	2738.4	3218.0	3685.3	4093.2	4576.4	4871.4	5182.3	5497.5
22.5°	1763.5	2145.9	2572.3	2942.8	3396.5	3836.4	4322.0	4846.0	5229.6	5427.2	5638.8
20°	1925.6	2355.8	2810.5	3221.0	3572.7	3976.7	4551.6	5188.3	5683.6	5905.9	5934.9
17.5°	2085.2	2559.1	3048.1	3492.5	3871.8	4231.4	4792.6	5598.5	6214.3	6421.0	6512.9
15°	2241.0	2754.7	3284.4	3756.7	4173.1	4612.7	5212.2	6031.6	6735.6	6964.4	7109.1
12.5°	2391.3	2941.3	3516.8	4012.2	4474.6	4967.8	5593.1	6343.2	6985.8	7428.4	7693.8
10°	2534.5	3117.4	3742.4	4257.4	4772.7	5297.0	5908.3	6575.3	7098.5	7525.3	7902.1
7.5°	2606.8	3232.5	3936.2	4490.8	5063.3	5601.3	6166.4	6738.9	7179.6	7598.3	7962.5
5°	2655.9	3279.8	3996.8	4572.1	5217.6	5804.3	6353.0	6846.4	7232.6	7647.5	8003.3
2.5°	2691.0	3310.4	4037.8	4616.6	5275.6	5866.7	6406.7	6882.4	7276.2	7682.8	8047.1
0°	2712.2	3325.0	4058.7	4644.0	5311.9	5907.8	6437.9	6896.0	7305.2	7699.7	8092.0
-2.5°	2724.2	3369.5	4072.6	4714.4	5347.0	5943.2	6481.6	6928.7	7356.4	7731.7	8125.0
-5°	2722.7	3396.1	4068.9	4761.6	5363.8	5957.0	6503.5	6943.6	7384.1	7755.7	8138.4
-7.5°	2707.9	3402.2	4050.6	4776.5	5364.5	5952.4	6493.9	6950.7	7383.7	7777.8	8139.7
-10°	2681.5	3378.2	4033.6	4738.1	5343.9	5928.2	6464.6	6935.1	7366.5	7773.3	8132.7
-12.5°	2650.5	3328.6	3998.3	4683.0	5302.1	5883.1	6420.1	6895.4	7334.2	7740.1	8116.5
-15°	2603.8	3262.6	3940.2	4612.9	5238.5	5817.5	6362.3	6830.6	7284.5	7681.9	8068.4
-17.5°	2541.1	3180.9	3858.4	4529.7	5152.8	5731.9	6288.1	6745.0	7196.7	7607.4	7980.3
-20°	2462.1	3084.1	3752.3	4435.1	5043.9	5617.0	6155.8	6634.3	7083.1	7500.8	7892.7

Classified

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2366.6	2972.8	3624.4	4307.6	4908.1	5474.7	6007.1	6493.2	6958.3	7362.3	7779.8
-25°	2271.0	2855.1	3483.1	4131.0	4750.3	5314.5	5848.5	6322.0	6797.4	7217.6	7614.3
-27.5°	2179.4	2718.6	3319.1	3936.6	4571.5	5133.1	5662.2	6136.1	6597.6	7057.1	7439.0
-30°	2076.5	2560.7	3139.2	3729.1	4348.0	4919.7	5452.9	5944.7	6383.7	6837.4	7247.5
-32.5°	1963.1	2393.2	2949.2	3516.7	4100.3	4684.6	5212.9	5701.3	6158.2	6587.3	7017.7
-35°	1852.1	2257.9	2747.9	3288.7	3837.9	4411.1	4939.8	5423.5	5897.6	6322.7	6734.0
-37.5°	1752.3	2111.4	2534.0	3050.5	3575.4	4117.6	4655.2	5123.6	5574.7	6042.1	6443.2
-40°	1644.3	1954.1	2348.7	2805.3	3299.9	3815.6	4330.4	4814.8	5239.0	5700.9	6142.0
-42.5°	1531.3	1826.0	2165.9	2545.7	3012.6	3498.8	3995.7	4469.6	4910.0	5345.8	5782.9
-45°	1432.3	1690.4	1979.9	2326.9	2707.1	3164.4	3634.9	4107.2	4529.9	4945.1	5376.9
-47.5°	1327.0	1554.2	1821.8	2099.0	2429.5	2811.8	3254.2	3689.9	4122.5	4517.6	4899.7
-50°	1222.1	1431.5	1651.4	1900.9	2173.6	2483.6	2851.0	3256.1	3651.3	4056.9	4435.3
-52.5°	1131.7	1302.5	1501.2	1709.4	1942.8	2199.3	2493.7	2826.4	3185.8	3530.0	3907.6
-55°	1037.8	1191.9	1352.2	1535.5	1729.8	1946.2	2187.5	2467.2	2741.4	3059.8	3368.0
-57.5°	952.3	1082.2	1218.9	1370.3	1539.0	1712.2	1923.1	2140.7	2389.5	2637.0	2881.1
-60°	871.6	977.7	1093.8	1222.0	1357.6	1511.7	1669.1	1855.9	2056.4	2253.9	2460.9
-62.5°	790.3	879.5	974.2	1080.6	1198.8	1315.3	1449.7	1593.7	1741.2	1908.6	2071.9
-65°	706.7	778.8	859.1	947.4	1041.7	1140.9	1244.2	1350.7	1476.2	1598.9	1717.6
-67.5°	617.9	679.6	744.5	814.1	893.2	971.1	1048.9	1138.9	1231.3	1322.1	1416.2
-70°	519.5	577.7	631.8	688.2	747.0	808.0	874.5	940.5	1005.6	1073.7	1149.2
-72.5°	419.4	473.0	520.5	562.2	610.5	661.2	709.8	756.1	805.3	856.9	908.0
-75°	334.5	369.9	412.4	451.2	489.6	525.3	557.4	596.7	637.7	675.2	706.1
-77.5°	261.1	293.2	322.3	348.4	378.9	414.7	445.9	472.7	498.7	527.2	557.3
-80°	189.9	216.6	243.1	267.2	284.8	305.0	329.0	356.3	380.0	399.3	416.9
-82.5°	122.6	141.9	161.6	181.7	189.8	195.4	200.7	210.2	224.8	239.3	253.2
-85°	61.1	66.7	78.8	91.1	95.3	98.3	100.4	101.5	106.5	111.0	115.1
-87.5°	30.6	33.4	36.2	38.9	37.5	35.5	33.0	30.0	29.3	28.4	27.3
-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: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-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°	1.7	1.8	1.8	1.9	1.9	1.5	1.0	0.5	0.0	0.0	0.0
85°	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.5	1.0
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3
65°	2.9	2.9	3.0	2.9	2.6	2.5	2.6	2.5	2.3	1.8	1.3
62.5°	5.3	6.0	4.7	4.7	4.6	4.4	4.3	4.0	3.7	3.6	3.7
60°	33.2	19.7	11.5	13.4	12.1	8.1	10.2	12.0	12.1	11.0	9.7
57.5°	184.3	137.7	101.9	243.3	244.1	116.5	140.3	220.6	181.7	59.6	55.4
55°	512.7	613.3	807.2	766.7	779.1	896.2	978.6	866.3	849.2	904.9	1045.4
52.5°	921.2	1017.0	1082.2	1143.2	1217.5	1297.3	1379.5	1431.9	1480.7	1532.8	1563.8
50°	1176.4	1311.4	1404.2	1370.0	1562.2	1640.8	1561.0	1632.4	1719.4	1743.2	1754.4
47.5°	1737.0	1935.0	1974.3	2101.9	2216.6	2214.1	2116.8	2122.5	2381.5	2610.1	2722.3
45°	2496.3	2503.0	2627.6	2852.9	3013.9	2963.2	3099.2	3408.1	3511.0	3610.4	3691.9
42.5°	2792.1	2914.7	3113.4	3312.7	3432.7	3536.9	3637.5	3751.0	3884.6	3992.9	4079.4
40°	3078.6	3177.3	3380.8	3541.3	3640.7	3737.9	3855.2	3981.0	4103.2	4198.4	4263.3
37.5°	3519.4	3596.0	3645.6	3794.5	3982.6	3895.8	4118.3	4277.8	4350.7	4447.3	4456.0
35°	4186.5	4135.5	4069.5	4662.3	4697.8	4497.6	4705.7	4952.9	4822.6	5094.1	5240.0
32.5°	4777.8	4770.1	5287.5	5599.2	5419.9	5566.3	6045.9	6024.6	6344.3	6492.6	6450.4
30°	5334.8	5524.9	5824.1	6056.3	6087.3	6318.1	6531.1	6717.7	6910.7	7083.7	7095.6
27.5°	5617.6	5865.6	6068.8	6203.1	6352.9	6547.2	6740.5	6950.6	7114.7	7223.2	7249.7
25°	5788.6	6042.0	6195.8	6340.4	6505.9	6673.5	6889.9	7118.7	7250.6	7317.5	7338.8
22.5°	5939.5	6167.2	6332.5	6449.8	6627.9	6808.2	7010.0	7203.7	7346.9	7376.1	7386.8
20°	6084.6	6303.4	6579.6	6752.3	6743.7	6946.8	7141.3	7295.3	7414.7	7414.0	7416.9
17.5°	6504.6	6582.7	7083.9	7464.4	7276.0	7176.7	7711.4	7721.5	7753.3	7690.1	7553.3
15°	7126.4	7268.6	7884.3	8296.8	8167.0	8160.2	8932.5	8741.0	8905.8	8862.7	9048.1
12.5°	7785.1	7953.5	8413.6	8818.6	9011.7	9059.1	9317.1	9558.8	9608.4	9588.8	9552.4
10°	8233.8	8473.6	8658.4	8904.3	9099.0	9297.5	9447.0	9620.6	9677.4	9644.6	9598.1
7.5°	8292.2	8529.3	8746.2	8962.0	9147.4	9307.4	9462.4	9603.8	9661.6	9642.5	9610.6
5°	8329.4	8544.1	8754.4	8973.3	9150.6	9298.9	9453.4	9596.5	9630.6	9607.7	9576.6
2.5°	8352.3	8551.1	8753.8	8971.8	9132.7	9273.9	9430.3	9583.1	9582.7	9572.7	9554.5
0°	8363.4	8562.7	8798.1	8995.3	9175.6	9309.1	9463.9	9612.4	9601.8	9574.2	9542.4
-2.5°	8387.2	8589.2	8829.4	8992.8	9196.0	9318.4	9478.4	9607.0	9602.0	9588.4	9572.7
-5°	8408.5	8635.6	8860.4	9032.2	9235.9	9395.9	9554.9	9655.5	9660.8	9642.0	9615.4
-7.5°	8421.4	8673.2	8887.6	9060.2	9257.8	9443.9	9605.2	9710.7	9713.0	9687.9	9656.2
-10°	8417.1	8683.0	8903.6	9082.0	9284.3	9468.1	9636.7	9770.5	9766.1	9742.2	9715.1
-12.5°	8401.2	8666.7	8893.3	9072.3	9302.0	9491.1	9680.9	9814.0	9821.0	9803.1	9773.8
-15°	8366.3	8640.4	8860.8	9056.3	9281.4	9502.5	9697.5	9844.3	9870.5	9855.8	9832.6
-17.5°	8297.2	8586.4	8820.2	9030.9	9246.9	9482.6	9704.3	9864.8	9900.6	9894.8	9875.5
-20°	8206.5	8505.0	8742.3	8963.0	9198.2	9440.9	9698.9	9845.6	9897.6	9900.9	9887.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8104.6	8396.9	8648.7	8865.6	9120.6	9366.3	9600.0	9771.7	9859.0	9875.2	9876.3
-25°	7982.5	8282.8	8533.0	8764.0	9001.2	9255.0	9491.0	9682.8	9771.2	9813.5	9826.6
-27.5°	7809.9	8120.3	8366.5	8610.6	8851.9	9114.2	9362.2	9570.8	9642.7	9700.8	9724.1
-30°	7607.8	7914.8	8165.7	8388.9	8665.0	8932.3	9188.4	9370.3	9478.8	9545.2	9581.6
-32.5°	7375.4	7685.2	7948.6	8181.7	8444.1	8711.4	8952.3	9144.2	9293.7	9370.4	9409.3
-35°	7123.3	7439.7	7715.5	7961.0	8207.9	8462.8	8712.4	8913.1	9083.6	9149.4	9198.1
-37.5°	6819.2	7168.3	7451.0	7704.3	7939.0	8178.4	8438.4	8667.9	8833.4	8897.3	8948.6
-40°	6507.5	6844.8	7130.0	7400.1	7632.2	7893.7	8144.1	8384.6	8528.2	8602.7	8660.8
-42.5°	6178.4	6483.1	6754.3	7016.7	7275.0	7544.3	7794.5	8044.5	8168.7	8258.5	8329.8
-45°	5798.5	6082.0	6345.6	6591.1	6857.5	7122.1	7372.5	7593.4	7741.2	7858.2	7949.2
-47.5°	5292.0	5637.4	5902.0	6135.5	6399.6	6655.0	6897.6	7105.3	7267.4	7404.2	7509.9
-50°	4777.6	5109.0	5407.5	5669.8	5914.9	6151.0	6382.0	6585.1	6756.7	6905.0	7012.0
-52.5°	4271.0	4581.5	4877.6	5148.5	5384.0	5607.0	5818.3	6022.7	6203.6	6362.1	6465.7
-55°	3698.5	4020.2	4313.2	4565.7	4801.1	5021.4	5230.1	5423.9	5602.0	5763.4	5862.7
-57.5°	3161.5	3443.7	3716.3	3949.4	4171.5	4381.4	4579.2	4764.8	4936.2	5088.2	5183.8
-60°	2667.9	2873.7	3108.2	3323.5	3520.4	3699.0	3883.6	4056.6	4214.1	4347.7	4436.8
-62.5°	2231.6	2402.1	2571.4	2735.2	2894.9	3055.4	3209.9	3353.4	3485.0	3594.4	3672.6
-65°	1842.9	1979.9	2102.3	2218.4	2329.0	2455.6	2573.1	2683.6	2785.9	2869.8	2929.2
-67.5°	1517.5	1613.8	1698.5	1778.1	1865.3	1954.7	2038.5	2111.6	2174.1	2223.8	2263.1
-70°	1223.7	1294.6	1358.4	1421.9	1485.6	1543.8	1599.2	1652.9	1704.0	1745.6	1776.8
-72.5°	958.3	1006.7	1050.2	1099.1	1145.0	1189.1	1227.5	1258.5	1282.6	1306.0	1326.4
-75°	730.6	767.0	816.0	857.4	891.7	921.9	949.7	974.4	996.2	1015.4	1032.4
-77.5°	587.7	618.5	649.8	680.0	709.2	730.9	751.1	771.3	791.1	808.1	823.2
-80°	435.5	458.6	482.7	506.9	531.1	543.1	552.7	561.6	569.5	579.6	589.1
-82.5°	266.3	279.3	292.7	306.3	319.9	323.3	324.5	324.2	322.4	318.7	313.1
-85°	118.5	119.2	118.8	117.5	115.2	110.5	104.8	98.1	90.7	89.5	88.1
-87.5°	26.1	25.5	24.8	24.0	23.0	23.0	22.9	22.7	22.5	23.3	24.0
-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: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-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	0.5
85°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.3	1.9	2.1	2.1
65°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.3	1.8	2.3	2.5
62.5°	3.8	4.0	4.2	4.2	4.2	4.0	3.8	3.7	3.6	3.7	4.0
60°	7.6	5.0	4.2	4.2	4.2	5.0	7.6	9.7	11.0	12.1	12.0
57.5°	46.8	34.9	29.7	27.6	29.7	34.9	46.8	55.4	59.6	181.7	220.6
55°	1146.0	1204.4	1247.9	1268.1	1247.9	1204.4	1146.0	1045.4	904.9	849.2	866.3
52.5°	1591.2	1616.6	1631.2	1630.7	1631.2	1616.6	1591.2	1563.8	1532.8	1480.7	1431.9
50°	1773.6	1785.9	1790.3	1787.6	1790.3	1785.9	1773.6	1754.4	1743.2	1719.4	1632.4
47.5°	2619.8	2393.0	2226.3	2186.3	2226.3	2393.0	2619.8	2722.3	2610.1	2381.5	2122.5
45°	3731.1	3817.1	3902.7	3929.4	3902.7	3817.1	3731.1	3691.9	3610.4	3511.0	3408.1
42.5°	4116.0	4144.0	4159.9	4160.5	4159.9	4144.0	4116.0	4079.4	3992.9	3884.6	3751.0
40°	4299.7	4326.1	4341.5	4342.9	4341.5	4326.1	4299.7	4263.3	4198.4	4103.2	3981.0
37.5°	4466.5	4489.0	4503.8	4518.9	4503.8	4489.0	4466.5	4456.0	4447.3	4350.7	4277.8
35°	5220.3	5049.6	4804.0	4841.2	4804.0	5049.6	5220.3	5240.0	5094.1	4822.6	4952.9
32.5°	6516.5	6588.3	6633.0	6709.4	6633.0	6588.3	6516.5	6450.4	6492.6	6344.3	6024.6
30°	7114.6	7138.3	7174.2	7211.9	7174.2	7138.3	7114.6	7095.6	7083.7	6910.7	6717.7
27.5°	7263.8	7288.3	7310.1	7326.4	7310.1	7288.3	7263.8	7249.7	7223.2	7114.7	6950.6
25°	7341.9	7357.1	7380.3	7400.7	7380.3	7357.1	7341.9	7338.8	7317.5	7250.6	7118.7
22.5°	7380.6	7382.2	7400.4	7426.1	7400.4	7382.2	7380.6	7386.8	7376.1	7346.9	7203.7
20°	7407.2	7392.8	7411.5	7428.2	7411.5	7392.8	7407.2	7416.9	7414.0	7414.7	7295.3
17.5°	7746.3	7552.8	7473.4	7474.9	7473.4	7552.8	7746.3	7553.3	7690.1	7753.3	7721.5
15°	8839.9	8912.5	9190.7	9341.0	9190.7	8912.5	8839.9	9048.1	8862.7	8905.8	8741.0
12.5°	9545.7	9519.8	9486.8	9531.8	9486.8	9519.8	9545.7	9552.4	9588.8	9608.4	9558.8
10°	9578.4	9575.4	9516.5	9580.6	9516.5	9575.4	9578.4	9598.1	9644.6	9677.4	9620.6
7.5°	9558.3	9560.1	9535.0	9597.5	9535.0	9560.1	9558.3	9610.6	9642.5	9661.6	9603.8
5°	9571.5	9528.4	9544.7	9580.6	9544.7	9528.4	9571.5	9576.6	9607.7	9630.6	9596.5
2.5°	9534.5	9530.0	9498.3	9523.3	9498.3	9530.0	9534.5	9554.5	9572.7	9582.7	9583.1
0°	9506.4	9483.0	9483.0	9504.2	9483.0	9483.0	9506.4	9542.4	9574.2	9601.8	9612.4
-2.5°	9556.5	9551.6	9548.5	9533.9	9548.5	9551.6	9556.5	9572.7	9588.4	9602.0	9607.0
-5°	9597.7	9585.1	9550.4	9597.5	9550.4	9585.1	9597.7	9615.4	9642.0	9660.8	9655.5
-7.5°	9642.1	9609.9	9576.9	9650.6	9576.9	9609.9	9642.1	9656.2	9687.9	9713.0	9710.7
-10°	9682.6	9636.0	9603.9	9676.0	9603.9	9636.0	9682.6	9715.1	9742.2	9766.1	9770.5
-12.5°	9736.1	9681.7	9660.3	9699.3	9660.3	9681.7	9736.1	9773.8	9803.1	9821.0	9814.0
-15°	9793.2	9755.5	9750.5	9773.5	9750.5	9755.5	9793.2	9832.6	9855.8	9870.5	9844.3
-17.5°	9843.3	9816.9	9830.0	9856.2	9830.0	9816.9	9843.3	9875.5	9894.8	9900.6	9864.8
-20°	9867.3	9852.5	9867.2	9932.6	9867.2	9852.5	9867.3	9887.8	9900.9	9897.6	9845.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9865.3	9866.2	9892.2	9913.5	9892.2	9866.2	9865.3	9876.3	9875.2	9859.0	9771.7
-25°	9827.6	9847.5	9877.2	9919.9	9877.2	9847.5	9827.6	9826.6	9813.5	9771.2	9682.8
-27.5°	9736.8	9769.8	9800.9	9845.6	9800.9	9769.8	9736.8	9724.1	9700.8	9642.7	9570.8
-30°	9605.5	9644.7	9672.5	9720.5	9672.5	9644.7	9605.5	9581.6	9545.2	9478.8	9370.3
-32.5°	9445.8	9490.2	9523.0	9557.2	9523.0	9490.2	9445.8	9409.3	9370.4	9293.7	9144.2
-35°	9246.1	9293.9	9328.8	9360.0	9328.8	9293.9	9246.1	9198.1	9149.4	9083.6	8913.1
-37.5°	9006.2	9057.7	9097.4	9133.1	9097.4	9057.7	9006.2	8948.6	8897.3	8833.4	8667.9
-40°	8726.7	8779.5	8821.9	8861.7	8821.9	8779.5	8726.7	8660.8	8602.7	8528.2	8384.6
-42.5°	8399.9	8453.2	8497.0	8537.3	8497.0	8453.2	8399.9	8329.8	8258.5	8168.7	8044.5
-45°	8022.5	8077.4	8123.7	8166.2	8123.7	8077.4	8022.5	7949.2	7858.2	7741.2	7593.4
-47.5°	7587.8	7646.6	7686.2	7706.0	7686.2	7646.6	7587.8	7509.9	7404.2	7267.4	7105.3
-50°	7089.7	7148.4	7195.9	7231.0	7195.9	7148.4	7089.7	7012.0	6905.0	6756.7	6585.1
-52.5°	6541.2	6597.1	6638.0	6662.7	6638.0	6597.1	6541.2	6465.7	6362.1	6203.6	6022.7
-55°	5940.8	5999.2	6038.0	6056.2	6038.0	5999.2	5940.8	5862.7	5763.4	5602.0	5423.9
-57.5°	5259.7	5315.3	5356.5	5379.8	5356.5	5315.3	5259.7	5183.8	5088.2	4936.2	4764.8
-60°	4506.3	4555.9	4587.2	4599.4	4587.2	4555.9	4506.3	4436.8	4347.7	4214.1	4056.6
-62.5°	3735.6	3782.6	3811.9	3823.3	3811.9	3782.6	3735.6	3672.6	3594.4	3485.0	3353.4
-65°	2973.6	3003.1	3019.4	3021.8	3019.4	3003.1	2973.6	2929.2	2869.8	2785.9	2683.6
-67.5°	2294.1	2316.5	2330.1	2334.7	2330.1	2316.5	2294.1	2263.1	2223.8	2174.1	2111.6
-70°	1800.0	1815.5	1824.3	1825.8	1824.3	1815.5	1800.0	1776.8	1745.6	1704.0	1652.9
-72.5°	1342.1	1353.2	1349.3	1340.2	1349.3	1353.2	1342.1	1326.4	1306.0	1282.6	1258.5
-75°	1047.0	1059.1	1054.0	1045.4	1054.0	1059.1	1047.0	1032.4	1015.4	996.2	974.4
-77.5°	836.4	847.5	842.1	833.4	842.1	847.5	836.4	823.2	808.1	791.1	771.3
-80°	597.3	603.8	608.4	610.7	608.4	603.8	597.3	589.1	579.6	569.5	561.6
-82.5°	305.7	296.7	291.1	284.2	291.1	296.7	305.7	313.1	318.7	322.4	324.2
-85°	86.4	84.4	85.7	86.9	85.7	84.4	86.4	88.1	89.5	90.7	98.1
-87.5°	24.7	25.3	25.4	25.4	25.4	25.3	24.7	24.0	23.3	22.5	22.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-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°	1.0	1.5	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3
67.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.6
65°	2.6	2.5	2.6	2.9	3.0	2.9	2.9	3.0	3.0	2.9	2.7
62.5°	4.3	4.4	4.6	4.7	4.7	6.0	5.3	5.4	5.0	6.0	8.2
60°	10.2	8.1	12.1	13.4	11.5	19.7	33.2	30.0	8.9	48.0	55.4
57.5°	140.3	116.5	244.1	243.3	101.9	137.7	184.3	121.4	79.3	136.0	179.7
55°	978.6	896.2	779.1	766.7	807.2	613.3	512.7	493.4	386.2	251.1	298.2
52.5°	1379.5	1297.3	1217.5	1143.2	1082.2	1017.0	921.2	817.6	784.4	631.7	487.1
50°	1561.0	1640.8	1562.2	1370.0	1404.2	1311.4	1176.4	1066.3	1088.9	995.4	802.5
47.5°	2116.8	2214.1	2216.6	2101.9	1974.3	1935.0	1737.0	1393.0	1416.1	1412.1	1207.9
45°	3099.2	2963.2	3013.9	2852.9	2627.6	2503.0	2496.3	2128.3	1787.5	1732.1	1712.4
42.5°	3637.5	3536.9	3432.7	3312.7	3113.4	2914.7	2792.1	2585.1	2311.0	2068.5	1982.4
40°	3855.2	3737.9	3640.7	3541.3	3380.8	3177.3	3078.6	2806.8	2600.7	2390.8	2320.8
37.5°	4118.3	3895.8	3982.6	3794.5	3645.6	3596.0	3519.4	3236.5	2780.0	2741.6	2706.2
35°	4705.7	4497.6	4697.8	4662.3	4069.5	4135.5	4186.5	3838.8	3360.7	3101.6	3107.2
32.5°	6045.9	5566.3	5419.9	5599.2	5287.5	4770.1	4777.8	4671.9	4019.4	3642.3	3477.2
30°	6531.1	6318.1	6087.3	6056.3	5824.1	5524.9	5334.8	5080.4	4605.5	4175.1	3892.3
27.5°	6740.5	6547.2	6352.9	6203.1	6068.8	5865.6	5617.6	5318.7	4980.9	4595.2	4320.4
25°	6889.9	6673.5	6505.9	6340.4	6195.8	6042.0	5788.6	5497.5	5182.3	4871.4	4576.4
22.5°	7010.0	6808.2	6627.9	6449.8	6332.5	6167.2	5939.5	5638.8	5427.2	5229.6	4846.0
20°	7141.3	6946.8	6743.7	6752.3	6579.6	6303.4	6084.6	5934.9	5905.9	5683.6	5188.3
17.5°	7711.4	7176.7	7276.0	7464.4	7083.9	6582.7	6504.6	6512.9	6421.0	6214.3	5598.5
15°	8932.5	8160.2	8167.0	8296.8	7884.3	7268.6	7126.4	7109.1	6964.4	6735.6	6031.6
12.5°	9317.1	9059.1	9011.7	8818.6	8413.6	7953.5	7785.1	7693.8	7428.4	6985.8	6343.2
10°	9447.0	9297.5	9099.0	8904.3	8658.4	8473.6	8233.8	7902.1	7525.3	7098.5	6575.3
7.5°	9462.4	9307.4	9147.4	8962.0	8746.2	8529.3	8292.2	7962.5	7598.3	7179.6	6738.9
5°	9453.4	9298.9	9150.6	8973.3	8754.4	8544.1	8329.4	8003.3	7647.5	7232.6	6846.4
2.5°	9430.3	9273.9	9132.7	8971.8	8753.8	8551.1	8352.3	8047.1	7682.8	7276.2	6882.4
0°	9463.9	9309.1	9175.6	8995.3	8798.1	8562.7	8363.4	8092.0	7699.7	7305.2	6896.0
-2.5°	9478.4	9318.4	9196.0	8992.8	8829.4	8589.2	8387.2	8125.0	7731.7	7356.4	6928.7
-5°	9554.9	9395.9	9235.9	9032.2	8860.4	8635.6	8408.5	8138.4	7755.7	7384.1	6943.6
-7.5°	9605.2	9443.9	9257.8	9060.2	8887.6	8673.2	8421.4	8139.7	7777.8	7383.7	6950.7
-10°	9636.7	9468.1	9284.3	9082.0	8903.6	8683.0	8417.1	8132.7	7773.3	7366.5	6935.1
-12.5°	9680.9	9491.1	9302.0	9072.3	8893.3	8666.7	8401.2	8116.5	7740.1	7334.2	6895.4
-15°	9697.5	9502.5	9281.4	9056.3	8860.8	8640.4	8366.3	8068.4	7681.9	7284.5	6830.6
-17.5°	9704.3	9482.6	9246.9	9030.9	8820.2	8586.4	8297.2	7980.3	7607.4	7196.7	6745.0
-20°	9698.9	9440.9	9198.2	8963.0	8742.3	8505.0	8206.5	7892.7	7500.8	7083.1	6634.3



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9600.0	9366.3	9120.6	8865.6	8648.7	8396.9	8104.6	7779.8	7362.3	6958.3	6493.2
-25°	9491.0	9255.0	9001.2	8764.0	8533.0	8282.8	7982.5	7614.3	7217.6	6797.4	6322.0
-27.5°	9362.2	9114.2	8851.9	8610.6	8366.5	8120.3	7809.9	7439.0	7057.1	6597.6	6136.1
-30°	9188.4	8932.3	8665.0	8388.9	8165.7	7914.8	7607.8	7247.5	6837.4	6383.7	5944.7
-32.5°	8952.3	8711.4	8444.1	8181.7	7948.6	7685.2	7375.4	7017.7	6587.3	6158.2	5701.3
-35°	8712.4	8462.8	8207.9	7961.0	7715.5	7439.7	7123.3	6734.0	6322.7	5897.6	5423.5
-37.5°	8438.4	8178.4	7939.0	7704.3	7451.0	7168.3	6819.2	6443.2	6042.1	5574.7	5123.6
-40°	8144.1	7893.7	7632.2	7400.1	7130.0	6844.8	6507.5	6142.0	5700.9	5239.0	4814.8
-42.5°	7794.5	7544.3	7275.0	7016.7	6754.3	6483.1	6178.4	5782.9	5345.8	4910.0	4469.6
-45°	7372.5	7122.1	6857.5	6591.1	6345.6	6082.0	5798.5	5376.9	4945.1	4529.9	4107.2
-47.5°	6897.6	6655.0	6399.6	6135.5	5902.0	5637.4	5292.0	4899.7	4517.6	4122.5	3689.9
-50°	6382.0	6151.0	5914.9	5669.8	5407.5	5109.0	4777.6	4435.3	4056.9	3651.3	3256.1
-52.5°	5818.3	5607.0	5384.0	5148.5	4877.6	4581.5	4271.0	3907.6	3530.0	3185.8	2826.4
-55°	5230.1	5021.4	4801.1	4565.7	4313.2	4020.2	3698.5	3368.0	3059.8	2741.4	2467.2
-57.5°	4579.2	4381.4	4171.5	3949.4	3716.3	3443.7	3161.5	2881.1	2637.0	2389.5	2140.7
-60°	3883.6	3699.0	3520.4	3323.5	3108.2	2873.7	2667.9	2460.9	2253.9	2056.4	1855.9
-62.5°	3209.9	3055.4	2894.9	2735.2	2571.4	2402.1	2231.6	2071.9	1908.6	1741.2	1593.7
-65°	2573.1	2455.6	2329.0	2218.4	2102.3	1979.9	1842.9	1717.6	1598.9	1476.2	1350.7
-67.5°	2038.5	1954.7	1865.3	1778.1	1698.5	1613.8	1517.5	1416.2	1322.1	1231.3	1138.9
-70°	1599.2	1543.8	1485.6	1421.9	1358.4	1294.6	1223.7	1149.2	1073.7	1005.6	940.5
-72.5°	1227.5	1189.1	1145.0	1099.1	1050.2	1006.7	958.3	908.0	856.9	805.3	756.1
-75°	949.7	921.9	891.7	857.4	816.0	767.0	730.6	706.1	675.2	637.7	596.7
-77.5°	751.1	730.9	709.2	680.0	649.8	618.5	587.7	557.3	527.2	498.7	472.7
-80°	552.7	543.1	531.1	506.9	482.7	458.6	435.5	416.9	399.3	380.0	356.3
-82.5°	324.5	323.3	319.9	306.3	292.7	279.3	266.3	253.2	239.3	224.8	210.2
-85°	104.8	110.5	115.2	117.5	118.8	119.2	118.5	115.1	111.0	106.5	101.5
-87.5°	22.9	23.0	23.0	24.0	24.8	25.5	26.1	27.3	28.4	29.3	30.0
-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: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-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°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	1.0	1.1	1.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.8	2.0	2.2	2.2
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.3
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.7	3.2	3.7
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.7	3.2	3.8
75°	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.3	2.8	3.3	3.8
72.5°	2.1	2.1	2.1	2.4	2.7	2.7	2.4	2.3	2.8	3.3	3.8
70°	2.4	2.2	2.1	2.4	3.0	3.4	3.3	3.3	2.9	3.4	3.9
67.5°	3.1	3.2	2.9	2.9	3.0	3.6	4.1	4.8	4.7	3.5	3.9
65°	3.2	3.7	4.4	6.0	5.3	3.6	4.1	8.3	6.6	5.6	4.0
62.5°	7.0	3.9	13.4	17.9	10.1	7.9	6.3	18.4	11.6	7.8	5.6
60°	16.6	13.6	37.3	59.8	41.8	14.1	20.7	32.0	29.4	10.2	8.0
57.5°	155.5	53.4	77.5	112.0	110.0	59.7	43.6	58.1	50.0	28.8	11.3
55°	332.0	279.4	184.4	168.9	182.5	147.3	95.9	94.1	77.2	53.4	18.3
52.5°	455.5	475.3	413.7	289.0	251.7	239.8	187.3	136.5	121.1	80.2	46.4
50°	659.4	614.0	607.8	510.2	352.9	319.4	276.5	213.2	170.0	114.8	78.5
47.5°	931.4	818.2	758.1	714.3	563.1	407.2	362.7	291.6	223.9	165.4	112.0
45°	1331.0	1057.5	941.4	870.3	771.6	572.7	453.9	367.7	291.8	222.1	147.1
42.5°	1732.3	1367.3	1150.6	1035.8	933.2	759.6	551.4	455.4	358.0	279.7	191.7
40°	2086.5	1686.7	1370.6	1222.9	1091.8	940.1	709.3	549.3	422.9	339.1	242.4
37.5°	2512.9	2050.4	1623.7	1419.0	1260.8	1090.8	869.6	647.4	500.8	401.4	293.3
35°	2925.4	2521.2	1906.9	1655.9	1448.9	1245.4	1023.9	763.3	596.6	464.7	344.0
32.5°	3368.4	2964.0	2334.6	1920.4	1643.6	1403.5	1168.2	904.3	692.9	528.7	394.7
30°	3717.2	3255.5	2710.0	2185.3	1855.5	1579.8	1312.3	1039.6	789.4	593.3	445.7
27.5°	3902.0	3507.7	3006.2	2480.4	2094.0	1760.5	1460.7	1168.9	885.8	664.3	498.9
25°	4093.2	3685.3	3218.0	2738.4	2329.4	1951.9	1608.5	1292.1	991.1	744.4	551.6
22.5°	4322.0	3836.4	3396.5	2942.8	2572.3	2145.9	1763.5	1416.9	1096.3	822.9	603.3
20°	4551.6	3976.7	3572.7	3221.0	2810.5	2355.8	1925.6	1538.6	1195.6	899.4	654.0
17.5°	4792.6	4231.4	3871.8	3492.5	3048.1	2559.1	2085.2	1656.6	1288.7	973.5	703.2
15°	5212.2	4612.7	4173.1	3756.7	3284.4	2754.7	2241.0	1769.9	1375.6	1044.6	749.0
12.5°	5593.1	4967.8	4474.6	4012.2	3516.8	2941.3	2391.3	1877.7	1456.1	1101.3	789.7
10°	5908.3	5297.0	4772.7	4257.4	3742.4	3117.4	2534.5	1965.5	1504.4	1143.6	827.3
7.5°	6166.4	5601.3	5063.3	4490.8	3936.2	3232.5	2606.8	2016.7	1541.8	1179.7	861.5
5°	6353.0	5804.3	5217.6	4572.1	3996.8	3279.8	2655.9	2058.4	1571.9	1209.7	892.4
2.5°	6406.7	5866.7	5275.6	4616.6	4037.8	3310.4	2691.0	2090.2	1595.1	1234.1	919.8
0°	6437.9	5907.8	5311.9	4644.0	4058.7	3325.0	2712.2	2112.1	1611.6	1253.2	943.6
-2.5°	6481.6	5943.2	5347.0	4714.4	4072.6	3369.5	2724.2	2126.4	1632.4	1260.1	957.5
-5°	6503.5	5957.0	5363.8	4761.6	4068.9	3396.1	2722.7	2130.9	1645.9	1262.4	967.7
-7.5°	6493.9	5952.4	5364.5	4776.5	4050.6	3402.2	2707.9	2126.1	1651.4	1260.7	974.0
-10°	6464.6	5928.2	5343.9	4738.1	4033.6	3378.2	2681.5	2112.6	1648.1	1255.3	976.5
-12.5°	6420.1	5883.1	5302.1	4683.0	3998.3	3328.6	2650.5	2089.4	1634.8	1246.6	974.8
-15°	6362.3	5817.5	5238.5	4612.9	3940.2	3262.6	2603.8	2055.8	1608.9	1236.8	969.1
-17.5°	6288.1	5731.9	5152.8	4529.7	3858.4	3180.9	2541.1	2012.0	1576.5	1224.7	957.4
-20°	6155.8	5617.0	5043.9	4435.1	3752.3	3084.1	2462.1	1958.0	1537.9	1207.6	940.7



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6007.1	5474.7	4908.1	4307.6	3624.4	2972.8	2366.6	1893.9	1493.4	1185.3	920.7
-25°	5848.5	5314.5	4750.3	4131.0	3483.1	2855.1	2271.0	1819.6	1443.3	1157.8	897.4
-27.5°	5662.2	5133.1	4571.5	3936.6	3319.1	2718.6	2179.4	1753.9	1394.8	1125.0	871.0
-30°	5452.9	4919.7	4348.0	3729.1	3139.2	2560.7	2076.5	1683.7	1353.7	1089.1	841.6
-32.5°	5212.9	4684.6	4100.3	3516.7	2949.2	2393.2	1963.1	1608.5	1306.3	1051.0	814.3
-35°	4939.8	4411.1	3837.9	3288.7	2747.9	2257.9	1852.1	1528.9	1252.6	1009.8	785.6
-37.5°	4655.2	4117.6	3575.4	3050.5	2534.0	2111.4	1752.3	1450.1	1192.6	965.7	753.9
-40°	4330.4	3815.6	3299.9	2805.3	2348.7	1954.1	1644.3	1372.5	1135.9	918.8	719.2
-42.5°	3995.7	3498.8	3012.6	2545.7	2165.9	1826.0	1531.3	1288.8	1075.9	873.5	681.6
-45°	3634.9	3164.4	2707.1	2326.9	1979.9	1690.4	1432.3	1202.1	1012.0	827.1	642.7
-47.5°	3254.2	2811.8	2429.5	2099.0	1821.8	1554.2	1327.0	1127.1	944.9	777.4	603.8
-50°	2851.0	2483.6	2173.6	1900.9	1651.4	1431.5	1222.1	1048.5	883.4	722.5	562.9
-52.5°	2493.7	2199.3	1942.8	1709.4	1501.2	1302.5	1131.7	968.0	820.1	669.9	520.2
-55°	2187.5	1946.2	1729.8	1535.5	1352.2	1191.9	1037.8	896.5	755.0	617.2	477.0
-57.5°	1923.1	1712.2	1539.0	1370.3	1218.9	1082.2	952.3	823.3	692.5	562.6	442.7
-60°	1669.1	1511.7	1357.6	1222.0	1093.8	977.7	871.6	750.3	629.5	508.0	404.8
-62.5°	1449.7	1315.3	1198.8	1080.6	974.2	879.5	790.3	678.8	564.7	457.5	363.6
-65°	1244.2	1140.9	1041.7	947.4	859.1	778.8	706.7	605.5	499.7	404.0	320.8
-67.5°	1048.9	971.1	893.2	814.1	744.5	679.6	617.9	526.5	431.9	347.7	278.3
-70°	874.5	808.0	747.0	688.2	631.8	577.7	519.5	442.3	361.0	297.2	234.8
-72.5°	709.8	661.2	610.5	562.2	520.5	473.0	419.4	359.3	302.2	245.9	190.4
-75°	557.4	525.3	489.6	451.2	412.4	369.9	334.5	292.4	242.7	193.5	153.4
-77.5°	445.9	414.7	378.9	348.4	322.3	293.2	261.1	224.5	185.1	150.5	118.6
-80°	329.0	305.0	284.8	267.2	243.1	216.6	189.9	163.3	134.5	107.8	83.1
-82.5°	200.7	195.4	189.8	181.7	161.6	141.9	122.6	103.6	83.2	64.4	53.3
-85°	100.4	98.3	95.3	91.1	78.8	66.7	61.1	55.4	48.6	42.0	35.7
-87.5°	33.0	35.5	37.5	38.9	36.2	33.4	30.6	27.8	24.3	21.0	17.9
-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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.2	1.8	1.5	1.1	0.7	0.5	0.0
82.5°	3.3	2.7	2.2	1.6	1.1	0.7	0.0
80°	4.2	3.6	2.9	2.2	1.5	0.9	0.0
77.5°	4.2	4.2	3.6	2.7	1.8	1.2	0.0
75°	4.3	4.4	4.2	3.3	2.2	1.4	0.0
72.5°	4.3	4.5	4.4	3.8	2.6	1.6	0.0
70°	4.4	4.7	4.6	4.2	3.0	1.8	0.0
67.5°	4.9	4.9	4.9	4.5	3.3	2.1	0.0
65°	5.7	5.6	5.1	4.7	3.7	2.3	0.0
62.5°	6.6	7.0	5.3	4.9	4.1	2.5	0.0
60°	7.8	8.5	5.6	5.1	4.5	2.7	0.0
57.5°	14.5	10.2	7.2	5.4	4.7	2.9	0.0
55°	23.1	12.0	9.0	5.6	5.0	3.2	0.0
52.5°	33.2	15.4	10.8	5.8	5.2	3.4	0.0
50°	44.7	26.3	12.8	6.1	5.5	3.6	0.0
47.5°	60.1	38.0	14.8	6.7	5.7	3.8	0.0
45°	90.7	50.6	16.9	8.3	6.0	4.0	0.0
42.5°	122.1	63.9	19.1	9.9	6.3	4.2	0.0
40°	154.1	78.0	25.7	11.9	6.5	4.4	0.0
37.5°	186.7	92.9	36.7	14.5	6.8	4.5	0.0
35°	219.9	115.4	48.0	17.3	7.1	4.7	0.0
32.5°	255.8	141.6	59.4	20.4	7.4	4.9	0.0
30°	297.0	167.5	70.8	23.8	7.6	5.1	0.0
27.5°	337.3	193.2	85.0	27.3	7.9	5.2	0.0
25°	376.6	218.4	99.5	31.1	8.2	5.4	0.0
22.5°	414.8	244.1	114.0	35.1	8.5	5.5	0.0
20°	451.7	271.7	128.3	39.1	8.7	5.7	0.0
17.5°	488.2	298.4	142.4	43.2	9.0	5.8	0.0
15°	523.3	324.1	156.2	47.4	9.3	5.9	0.0
12.5°	556.1	348.6	169.4	51.5	9.5	6.0	0.0
10°	586.5	371.7	182.2	55.6	9.8	6.1	0.0
7.5°	614.5	393.3	194.2	59.5	10.0	6.2	0.0
5°	639.9	413.2	205.4	63.2	10.2	6.3	0.0
2.5°	662.7	431.3	215.6	66.8	10.4	6.3	0.0
0°	682.8	447.4	224.8	70.0	10.6	6.4	0.0
-2.5°	692.8	457.6	233.4	74.6	12.3	6.8	0.0
-5°	700.1	465.6	240.6	78.7	13.9	7.1	0.0
-7.5°	704.8	471.5	246.6	82.5	15.5	7.4	0.0
-10°	706.9	475.2	251.1	85.8	17.0	7.7	0.0
-12.5°	706.5	476.7	254.1	88.5	18.5	8.0	0.0
-15°	703.7	476.0	255.5	90.7	19.8	8.3	0.0
-17.5°	698.6	473.1	255.3	92.3	21.1	8.5	0.0
-20°	690.6	468.1	253.5	93.2	22.3	8.7	0.0

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REPORT NUMBER: P645563 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	679.0	461.0	249.9	93.5	23.4	8.9	0.0
-25°	664.8	449.9	244.6	93.0	24.3	9.0	0.0
-27.5°	647.9	436.1	237.5	91.9	25.1	9.1	0.0
-30°	628.4	420.4	228.5	90.0	25.7	9.2	0.0
-32.5°	606.3	402.8	218.2	87.4	26.2	9.2	0.0
-35°	582.3	383.4	206.6	84.0	26.6	9.2	0.0
-37.5°	556.5	363.9	193.9	79.8	26.8	9.2	0.0
-40°	528.8	346.2	180.0	74.8	26.8	9.1	0.0
-42.5°	499.1	327.3	169.5	69.4	26.6	8.9	0.0
-45°	467.5	307.1	162.3	64.0	26.3	8.8	0.0
-47.5°	434.2	285.8	153.9	57.8	25.9	8.5	0.0
-50°	406.3	263.4	144.1	55.7	25.2	8.3	0.0
-52.5°	378.4	239.9	133.2	54.6	24.4	8.0	0.0
-55°	349.4	222.1	121.0	52.9	23.4	7.6	0.0
-57.5°	319.4	204.1	107.6	50.6	22.3	7.3	0.0
-60°	288.8	184.3	93.6	47.7	21.0	6.9	0.0
-62.5°	261.0	163.1	87.0	44.3	19.7	6.4	0.0
-65°	231.1	140.3	79.4	40.4	18.3	5.9	0.0
-67.5°	199.4	121.3	71.0	36.1	16.8	5.4	0.0
-70°	165.9	106.2	61.7	31.3	15.2	4.9	0.0
-72.5°	140.3	89.9	51.8	27.6	13.5	4.3	0.0
-75°	114.7	72.6	41.2	24.0	11.8	3.8	0.0
-77.5°	87.9	54.5	34.0	20.2	9.9	3.2	0.0
-80°	60.0	41.5	27.5	16.3	8.0	2.6	0.0
-82.5°	44.0	31.4	20.8	12.3	6.0	1.9	0.0
-85°	29.5	21.0	13.9	8.3	4.0	1.3	0.0
-87.5°	14.8	10.6	7.0	4.1	2.0	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)