

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: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645569 (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-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

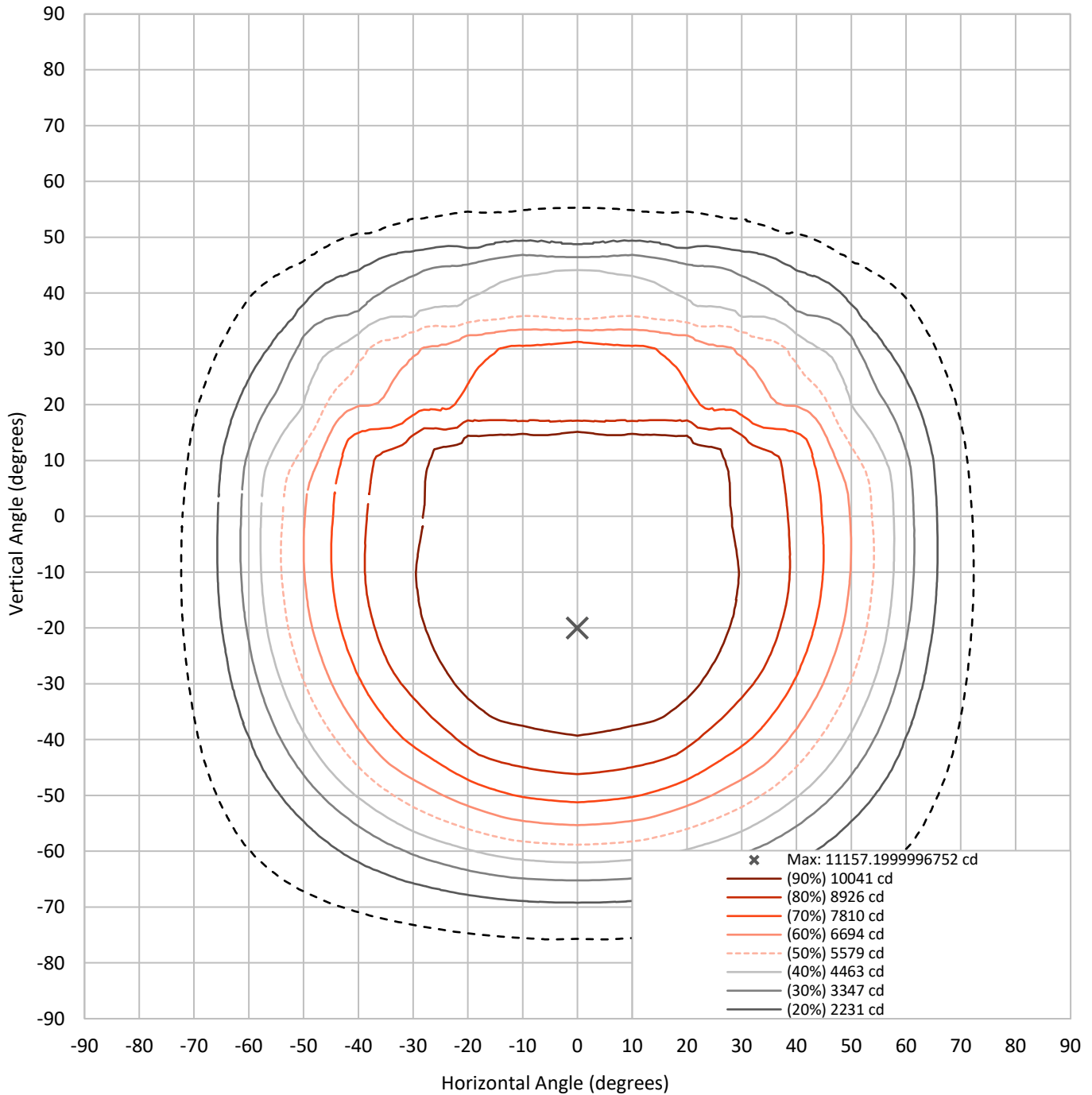
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	26161.3 lumens	Max Intensity:	11157.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	105.7 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:	20451.4 lumens	Field Lumens:	25641.8 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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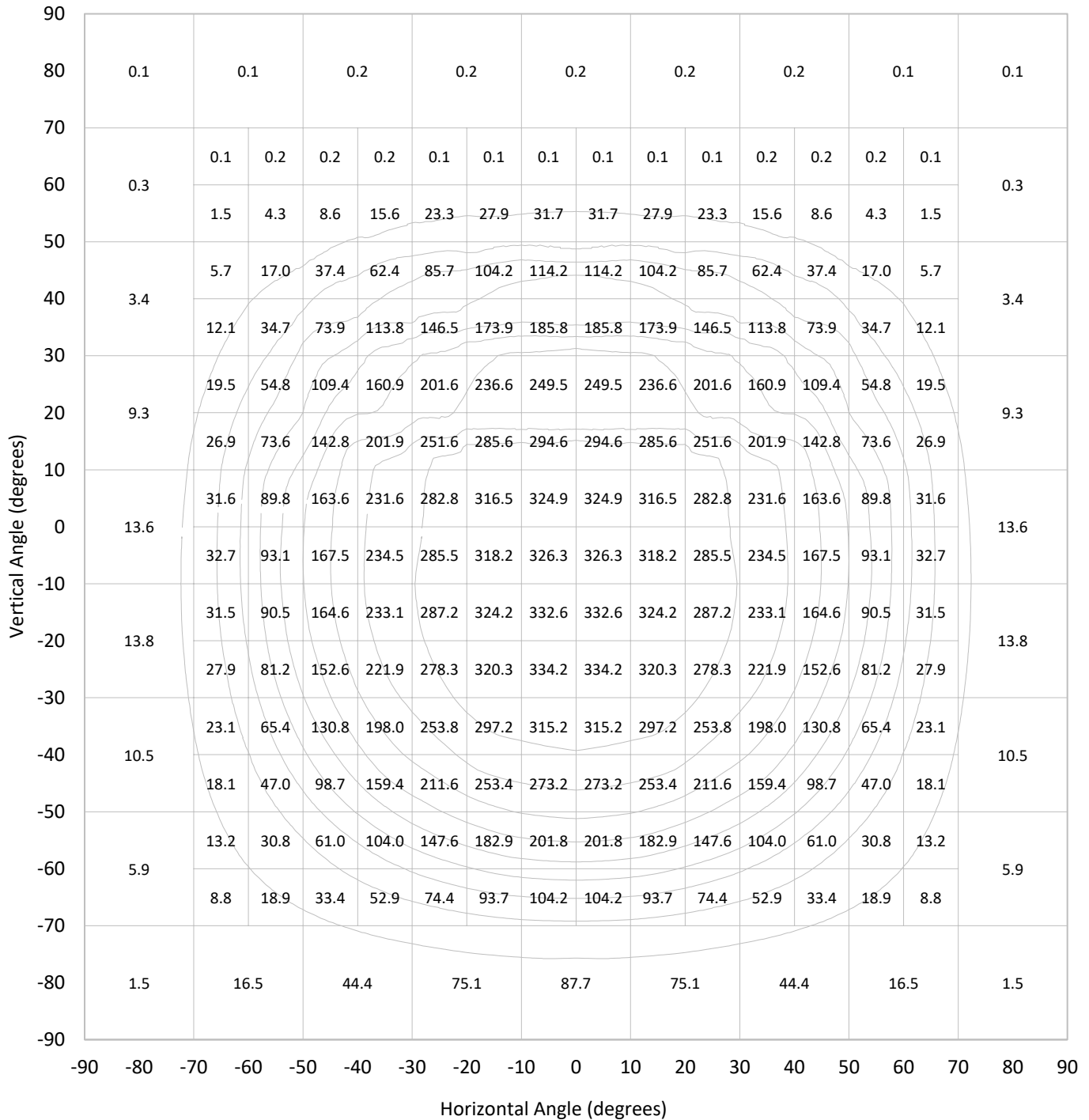
### Iso-Candela Plot





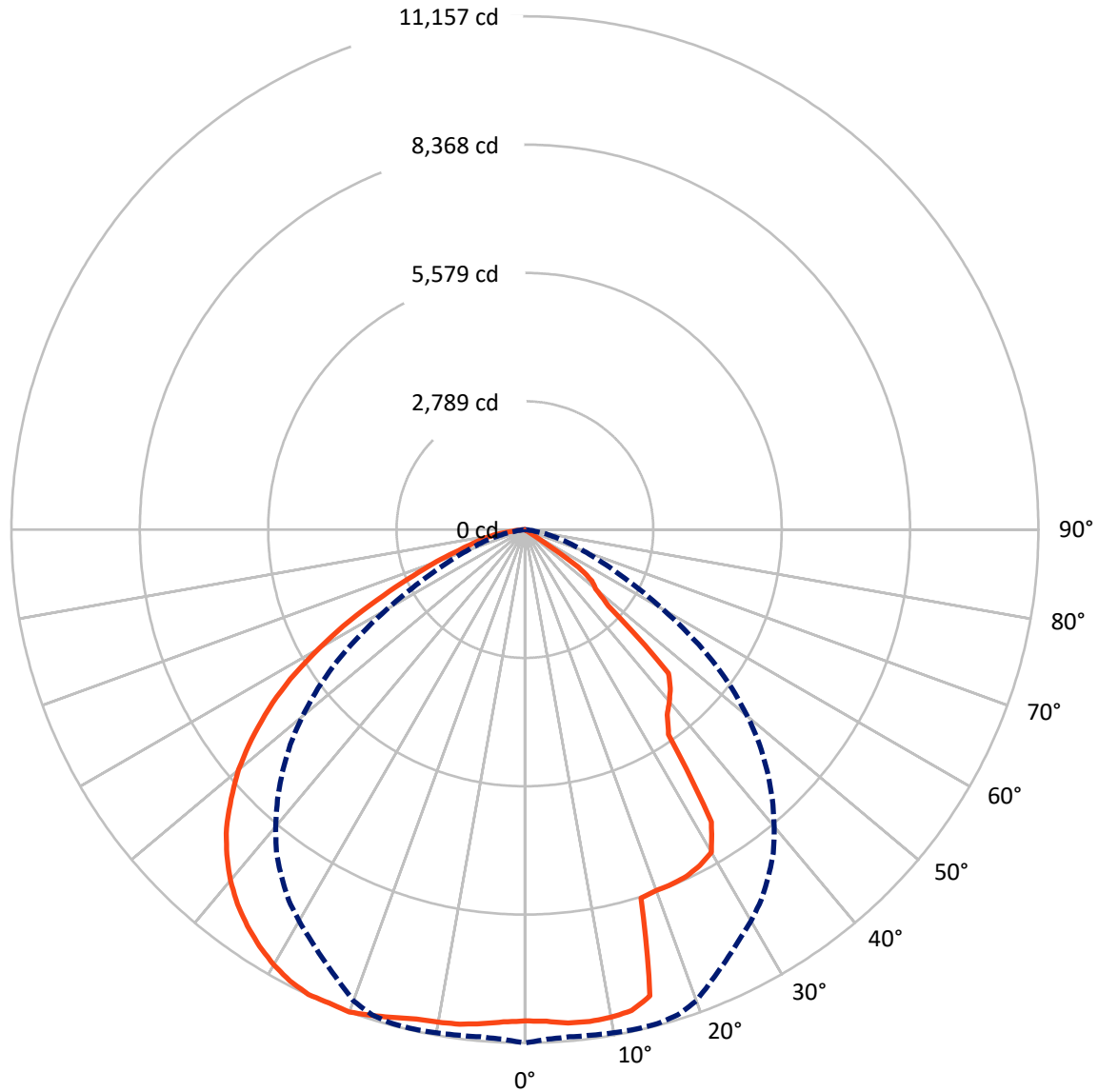
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### Lumen Table



REPORT NUMBER: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot

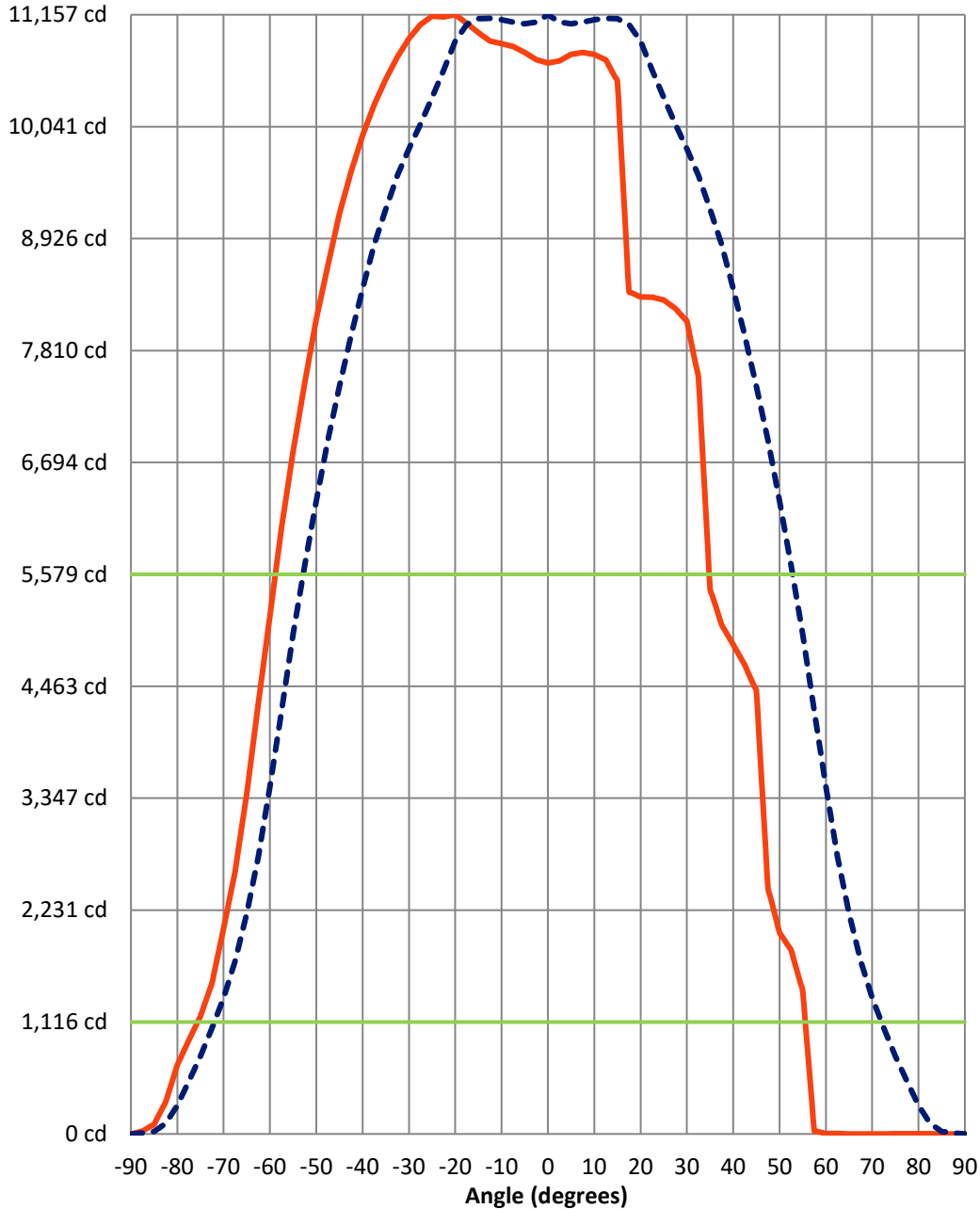


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 20451.4  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 25641.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 519.6  
 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	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.2	1.1	1.0
85°	0.0	0.5	0.8	1.3	1.7	2.1	2.5	2.5	2.5	2.3	2.0
82.5°	0.0	0.8	1.3	1.9	2.5	3.1	3.7	3.8	3.6	3.0	2.4
80°	0.0	1.0	1.7	2.5	3.3	4.1	4.8	4.3	3.7	3.1	2.5
77.5°	0.0	1.3	2.1	3.1	4.1	4.8	4.8	4.3	3.7	3.1	2.5
75°	0.0	1.5	2.5	3.7	4.8	5.0	4.9	4.3	3.8	3.2	2.6
72.5°	0.0	1.8	2.9	4.3	5.0	5.1	4.9	4.4	3.8	3.2	2.6
70°	0.0	2.1	3.4	4.8	5.3	5.3	5.1	4.4	3.9	3.3	3.8
67.5°	0.0	2.3	3.8	5.1	5.5	5.5	5.6	4.5	4.0	5.3	5.4
65°	0.0	2.6	4.2	5.3	5.7	6.3	6.4	4.6	6.3	7.5	9.4
62.5°	0.0	2.8	4.7	5.5	6.0	7.9	7.5	6.4	8.8	13.1	20.8
60°	0.0	3.1	5.1	5.8	6.2	9.6	8.8	9.0	11.5	33.1	36.0
57.5°	0.0	3.3	5.4	6.0	8.1	11.5	16.3	12.7	32.4	56.2	65.3
55°	0.0	3.5	5.6	6.3	10.1	13.5	26.0	20.6	60.1	86.7	105.7
52.5°	0.0	3.8	5.9	6.5	12.2	17.4	37.3	52.2	90.2	136.1	153.3
50°	0.0	4.0	6.2	6.8	14.3	29.6	50.2	88.2	129.0	191.0	239.5
47.5°	0.0	4.2	6.4	7.4	16.6	42.7	67.6	125.9	185.9	251.5	327.5
45°	0.0	4.4	6.7	9.2	19.0	56.8	101.9	165.4	249.5	327.8	413.0
42.5°	0.0	4.7	7.0	11.0	21.5	71.8	137.1	215.4	314.2	402.1	511.6
40°	0.0	4.9	7.3	13.4	28.9	87.7	173.1	272.4	380.9	475.0	617.1
37.5°	0.0	5.1	7.6	16.2	41.3	104.4	209.8	329.4	450.9	562.6	727.3
35°	0.0	5.3	7.9	19.4	53.9	129.7	247.1	386.5	521.9	670.1	857.5
32.5°	0.0	5.5	8.2	22.9	66.7	159.1	287.5	443.3	593.9	778.3	1015.8
30°	0.0	5.7	8.5	26.7	79.6	188.2	333.6	500.7	666.4	886.7	1167.8
27.5°	0.0	5.8	8.9	30.7	95.5	217.0	378.9	560.4	746.2	995.0	1313.0
25°	0.0	6.0	9.2	34.9	111.8	245.4	423.1	619.5	836.2	1113.2	1451.4
22.5°	0.0	6.2	9.5	39.4	128.0	274.3	466.0	677.7	924.4	1231.4	1591.6
20°	0.0	6.3	9.8	43.9	144.1	305.3	507.4	734.6	1010.3	1342.9	1728.3
17.5°	0.0	6.4	10.1	48.5	160.0	335.3	548.4	789.9	1093.4	1447.6	1860.8
15°	0.0	6.6	10.4	53.2	175.4	364.1	587.8	841.3	1173.3	1545.2	1988.1
12.5°	0.0	6.7	10.7	57.8	190.3	391.6	624.7	887.1	1237.1	1635.6	2109.1
10°	0.0	6.8	10.9	62.4	204.6	417.6	658.8	929.3	1284.6	1689.8	2207.8
7.5°	0.0	6.9	11.2	66.8	218.1	441.8	690.2	967.8	1325.1	1731.8	2265.3
5°	0.0	7.0	11.4	71.0	230.7	464.2	718.8	1002.5	1358.8	1765.7	2312.1
2.5°	0.0	7.0	11.7	75.0	242.2	484.5	744.4	1033.2	1386.2	1791.8	2347.9
0°	0.0	7.1	11.9	78.6	252.5	502.6	767.0	1060.0	1407.7	1810.3	2372.4
-2.5°	0.0	7.5	13.8	83.7	262.1	514.1	778.2	1075.6	1415.4	1833.6	2388.4
-5°	0.0	7.9	15.6	88.4	270.3	523.1	786.4	1087.0	1418.1	1848.8	2393.5
-7.5°	0.0	8.3	17.4	92.6	276.9	529.7	791.7	1094.2	1416.1	1855.0	2388.2
-10°	0.0	8.6	19.1	96.3	282.0	533.8	794.1	1096.9	1410.1	1851.4	2373.0
-12.5°	0.0	9.0	20.7	99.4	285.4	535.5	793.6	1095.0	1400.3	1836.4	2347.0
-15°	0.0	9.2	22.3	101.8	287.0	534.7	790.5	1088.6	1389.2	1807.3	2309.2
-17.5°	0.0	9.5	23.7	103.6	286.8	531.5	784.7	1075.5	1375.7	1770.9	2260.0
-20°	0.0	9.7	25.0	104.7	284.7	525.8	775.8	1056.7	1356.5	1727.5	2199.4

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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	9.9	26.2	105.0	280.7	517.8	762.8	1034.2	1331.5	1677.6	2127.4
-25°	0.0	10.1	27.3	104.5	274.7	505.4	746.8	1008.1	1300.5	1621.3	2044.0
-27.5°	0.0	10.2	28.2	103.2	266.7	489.9	727.8	978.4	1263.6	1566.7	1970.1
-30°	0.0	10.3	28.9	101.1	256.7	472.2	705.9	945.4	1223.3	1520.6	1891.3
-32.5°	0.0	10.3	29.5	98.1	245.1	452.4	681.0	914.7	1180.5	1467.4	1806.9
-35°	0.0	10.3	29.9	94.3	232.1	430.6	654.1	882.5	1134.3	1407.0	1717.4
-37.5°	0.0	10.2	30.1	89.6	217.8	408.7	625.1	846.9	1084.8	1339.5	1628.9
-40°	0.0	10.1	30.1	84.0	202.2	388.9	593.9	807.9	1032.1	1275.8	1541.6
-42.5°	0.0	10.0	29.9	78.0	190.4	367.6	560.6	765.7	981.2	1208.5	1447.7
-45°	0.0	9.8	29.6	71.9	182.3	345.0	525.1	722.0	929.0	1136.7	1350.2
-47.5°	0.0	9.6	29.0	64.9	172.8	321.1	487.7	678.2	873.2	1061.4	1266.0
-50°	0.0	9.3	28.3	62.6	161.9	295.9	456.3	632.3	811.5	992.3	1177.7
-52.5°	0.0	8.9	27.4	61.3	149.6	269.5	425.0	584.4	752.5	921.1	1087.3
-55°	0.0	8.6	26.3	59.4	135.9	249.5	392.5	535.8	693.2	848.0	1006.9
-57.5°	0.0	8.1	25.1	56.8	120.9	229.2	358.7	497.3	631.9	777.9	924.8
-60°	0.0	7.7	23.6	53.6	105.2	207.0	324.4	454.7	570.6	707.1	842.7
-62.5°	0.0	7.2	22.2	49.8	97.7	183.1	293.1	408.4	513.9	634.3	762.4
-65°	0.0	6.7	20.6	45.4	89.2	157.6	259.6	360.3	453.8	561.3	680.1
-67.5°	0.0	6.1	18.9	40.5	79.7	136.2	223.9	312.6	390.6	485.1	591.3
-70°	0.0	5.5	17.1	35.2	69.3	119.2	186.3	263.7	333.9	405.4	496.8
-72.5°	0.0	4.9	15.2	31.0	58.1	100.9	157.6	213.8	276.1	339.4	403.5
-75°	0.0	4.2	13.2	26.9	46.3	81.5	128.8	172.2	217.3	272.6	328.4
-77.5°	0.0	3.6	11.1	22.7	38.2	61.1	98.6	133.1	169.1	207.9	252.2
-80°	0.0	2.9	9.0	18.3	30.9	46.6	67.3	93.3	121.0	151.1	183.4
-82.5°	0.0	2.2	6.8	13.9	23.3	35.2	49.4	59.9	72.3	93.5	116.4
-85°	0.0	1.4	4.5	9.3	15.6	23.6	33.1	40.0	47.1	54.6	62.2
-87.5°	0.0	0.7	2.3	4.7	7.8	11.8	16.6	20.0	23.6	27.3	31.2
-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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.8	3.1	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	3.8	3.9	3.4	2.8	2.4	2.5	2.8	2.7	2.4	2.4	2.4
67.5°	4.6	4.1	3.5	3.3	3.3	3.6	3.5	2.9	2.4	2.4	2.5
65°	4.7	4.2	6.0	6.7	5.0	4.3	3.7	3.1	3.3	3.4	3.5
62.5°	7.1	8.9	11.4	20.2	15.1	4.4	7.9	9.3	6.8	5.7	6.0
60°	23.3	15.8	46.9	67.3	42.0	15.4	18.7	62.2	53.9	9.9	33.7
57.5°	48.9	67.1	123.6	125.8	87.1	60.1	174.7	201.8	152.7	89.1	136.3
55°	107.7	165.4	205.0	189.7	207.2	313.8	372.9	335.0	282.0	433.8	554.2
52.5°	210.4	269.3	282.7	324.6	464.7	533.9	511.6	547.1	709.6	881.2	918.4
50°	310.6	358.8	396.4	573.2	682.7	689.7	740.6	901.5	1118.1	1223.1	1197.7
47.5°	407.4	457.4	632.5	802.3	851.6	919.0	1046.2	1356.8	1586.2	1590.6	1564.7
45°	509.8	643.3	866.8	977.6	1057.4	1187.9	1495.1	1923.5	1945.7	2007.9	2390.7
42.5°	619.4	853.2	1048.2	1163.5	1292.4	1535.8	1945.9	2226.9	2323.5	2596.0	2903.8
40°	796.8	1055.9	1226.4	1373.6	1539.5	1894.6	2343.7	2607.0	2685.5	2921.4	3152.8
37.5°	976.8	1225.3	1416.2	1593.9	1823.8	2303.2	2822.7	3039.8	3079.6	3122.7	3635.5
35°	1150.1	1399.0	1627.5	1860.0	2142.0	2832.0	3286.1	3490.3	3484.0	3775.1	4312.1
32.5°	1312.2	1576.5	1846.2	2157.2	2622.5	3329.4	3783.7	3905.9	4091.3	4515.0	5247.8
30°	1474.1	1774.5	2084.3	2454.7	3044.1	3656.8	4175.4	4372.1	4689.8	5173.3	5706.7
27.5°	1640.8	1977.6	2352.1	2786.2	3376.8	3940.1	4383.1	4853.0	5161.7	5595.0	5974.4
25°	1806.8	2192.5	2616.5	3076.0	3614.7	4139.7	4597.8	5140.5	5472.0	5821.3	6175.3
22.5°	1980.9	2410.4	2889.3	3305.6	3815.3	4309.3	4854.8	5443.5	5874.4	6096.4	6334.1
20°	2163.0	2646.2	3157.0	3618.2	4013.2	4466.9	5112.7	5828.0	6384.3	6634.1	6666.7
17.5°	2342.3	2874.6	3423.8	3923.1	4349.2	4753.0	5383.6	6288.7	6980.5	7212.7	7315.9
15°	2517.3	3094.3	3689.3	4219.9	4687.6	5181.4	5854.8	6775.2	7566.1	7823.0	7985.5
12.5°	2686.1	3303.9	3950.4	4506.9	5026.3	5580.2	6282.7	7125.2	7847.1	8344.2	8642.3
10°	2847.0	3501.7	4203.8	4782.3	5361.1	5950.1	6636.7	7386.0	7973.6	8453.0	8876.3
7.5°	2928.1	3631.0	4421.5	5044.4	5687.5	6291.9	6926.6	7569.8	8064.7	8535.0	8944.2
5°	2983.3	3684.1	4489.5	5135.7	5860.9	6520.0	7136.2	7690.5	8124.2	8590.3	8990.1
2.5°	3022.7	3718.5	4535.6	5185.8	5926.0	6590.0	7196.6	7730.9	8173.3	8629.9	9039.2
0°	3046.5	3734.9	4559.1	5216.5	5966.8	6636.2	7231.7	7746.2	8205.9	8648.9	9089.6
-2.5°	3060.0	3784.9	4574.7	5295.6	6006.2	6675.9	7280.8	7783.0	8263.4	8684.9	9126.7
-5°	3058.3	3814.7	4570.6	5348.7	6025.1	6691.4	7305.3	7799.7	8294.5	8711.9	9141.8
-7.5°	3041.7	3821.6	4550.0	5365.4	6025.9	6686.2	7294.5	7807.6	8294.0	8736.6	9143.2
-10°	3012.1	3794.6	4531.0	5322.3	6002.8	6659.1	7261.6	7790.1	8274.7	8731.7	9135.3
-12.5°	2977.2	3738.9	4491.3	5260.3	5955.8	6608.4	7211.6	7745.5	8238.4	8694.3	9117.1
-15°	2924.8	3664.8	4426.0	5181.6	5884.3	6534.7	7146.7	7672.6	8182.5	8629.0	9063.1
-17.5°	2854.4	3573.0	4334.1	5088.2	5788.0	6438.6	7063.5	7576.6	8084.0	8545.3	8964.2
-20°	2765.6	3464.3	4214.9	4982.0	5665.7	6309.5	6914.8	7452.2	7956.3	8425.5	8865.8



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 CATALOG NUMBER: GFLD-SA6C-750-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°	2658.4	3339.2	4071.2	4838.6	5513.2	6149.6	6747.7	7293.8	7816.1	8269.9	8739.0
-25°	2551.0	3207.1	3912.5	4640.3	5335.9	5969.7	6569.6	7101.5	7635.4	8107.5	8553.0
-27.5°	2448.1	3053.8	3728.2	4421.9	5135.1	5765.9	6360.3	6892.7	7411.0	7927.1	8356.1
-30°	2332.6	2876.4	3526.2	4188.8	4884.0	5526.2	6125.2	6677.6	7170.8	7680.4	8141.0
-32.5°	2205.1	2688.3	3312.8	3950.3	4605.9	5262.2	5855.6	6404.2	6917.4	7399.4	7882.9
-35°	2080.5	2536.3	3086.7	3694.1	4311.1	4955.0	5548.8	6092.2	6624.7	7102.2	7564.2
-37.5°	1968.4	2371.8	2846.4	3426.6	4016.2	4625.3	5229.2	5755.2	6262.0	6787.0	7237.5
-40°	1847.1	2195.1	2638.3	3151.1	3706.8	4286.0	4864.3	5408.5	5884.9	6403.7	6899.2
-42.5°	1720.1	2051.2	2432.9	2859.5	3384.0	3930.1	4488.3	5020.7	5515.4	6004.8	6495.9
-45°	1608.8	1898.9	2224.0	2613.8	3040.8	3554.5	4083.0	4613.6	5088.3	5554.8	6039.7
-47.5°	1490.5	1745.8	2046.5	2357.7	2729.0	3158.4	3655.4	4144.8	4630.7	5074.6	5503.8
-50°	1372.7	1608.0	1855.0	2135.3	2441.6	2789.7	3202.5	3657.4	4101.4	4557.0	4982.1
-52.5°	1271.1	1463.0	1686.3	1920.2	2182.4	2470.4	2801.1	3174.8	3578.5	3965.2	4389.3
-55°	1165.7	1338.7	1518.9	1724.8	1943.1	2186.2	2457.2	2771.3	3079.4	3437.0	3783.2
-57.5°	1069.7	1215.5	1369.2	1539.2	1728.8	1923.4	2160.3	2404.6	2684.1	2962.1	3236.2
-60°	979.1	1098.2	1228.6	1372.6	1524.9	1698.1	1875.0	2084.8	2309.9	2531.7	2764.3
-62.5°	887.7	988.0	1094.3	1213.8	1346.6	1477.5	1628.5	1790.2	1955.9	2143.9	2327.3
-65°	793.8	874.9	965.0	1064.2	1170.2	1281.6	1397.6	1517.3	1658.2	1796.0	1929.4
-67.5°	694.0	763.4	836.3	914.4	1003.4	1090.9	1178.2	1279.3	1383.1	1485.1	1590.7
-70°	583.5	648.9	709.7	773.0	839.1	907.6	982.3	1056.4	1129.6	1206.0	1290.8
-72.5°	471.1	531.3	584.7	631.5	685.8	742.7	797.3	849.3	904.5	962.5	1020.0
-75°	375.7	415.5	463.2	506.8	550.0	590.1	626.1	670.2	716.3	758.5	793.2
-77.5°	293.3	329.4	362.1	391.3	425.7	465.8	500.9	531.0	560.2	592.2	625.9
-80°	213.3	243.3	273.1	300.2	319.9	342.7	369.5	400.2	426.8	448.5	468.3
-82.5°	137.7	159.4	181.5	204.1	213.2	219.5	225.4	236.0	252.5	268.8	284.4
-85°	68.6	74.9	88.4	102.3	107.1	110.4	112.7	114.0	119.6	124.7	129.2
-87.5°	34.3	37.5	40.6	43.7	42.1	39.8	37.0	33.7	32.9	31.9	30.7
-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: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	2.0	2.0	2.1	2.1	2.2	1.7	1.1	0.6	0.0	0.0	0.0
85°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	1.7	1.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	2.6	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.1	1.5
65°	3.4	3.3	3.5	3.3	3.0	2.8	3.0	2.9	2.6	2.1	1.4
62.5°	6.0	6.8	5.3	5.3	5.2	5.0	4.8	4.6	4.3	4.1	4.2
60°	37.3	22.0	12.9	15.0	13.5	9.0	11.4	13.4	13.6	12.5	11.0
57.5°	207.0	154.6	114.4	273.3	274.1	130.8	157.6	247.8	204.1	67.1	62.3
55°	575.9	688.8	906.6	861.2	875.2	1006.6	1099.2	973.1	953.9	1016.5	1174.2
52.5°	1034.7	1142.4	1215.6	1284.1	1367.6	1457.3	1549.6	1608.4	1663.3	1721.8	1756.6
50°	1321.4	1473.1	1577.3	1538.9	1754.7	1843.1	1753.4	1833.6	1931.4	1958.1	1970.7
47.5°	1951.2	2173.6	2217.8	2361.1	2489.8	2487.1	2377.8	2384.1	2675.1	2931.8	3057.9
45°	2804.1	2811.7	2951.5	3204.6	3385.5	3328.6	3481.3	3828.3	3943.9	4055.5	4147.1
42.5°	3136.4	3274.1	3497.3	3721.1	3855.9	3972.9	4085.9	4213.5	4363.5	4485.1	4582.4
40°	3458.1	3569.1	3797.7	3977.9	4089.6	4198.8	4330.5	4471.8	4609.0	4716.0	4788.9
37.5°	3953.3	4039.4	4095.1	4262.3	4473.6	4376.0	4626.0	4805.1	4887.0	4995.6	5005.4
35°	4702.6	4645.4	4571.2	5237.2	5277.0	5052.1	5285.8	5563.6	5417.2	5722.2	5886.1
32.5°	5366.8	5358.2	5939.5	6289.6	6088.2	6252.6	6791.3	6767.4	7126.5	7293.1	7245.6
30°	5992.5	6206.0	6542.2	6802.9	6837.9	7097.1	7336.3	7545.9	7762.7	7957.1	7970.4
27.5°	6310.2	6588.8	6817.0	6967.9	7136.2	7354.4	7571.5	7807.5	7991.9	8113.8	8143.6
25°	6502.3	6787.0	6959.7	7122.2	7308.0	7496.2	7739.3	7996.4	8144.5	8219.7	8243.6
22.5°	6671.8	6927.5	7113.3	7245.1	7445.0	7647.6	7874.2	8091.8	8252.7	8285.5	8297.5
20°	6834.8	7080.5	7390.8	7584.8	7575.1	7803.2	8021.7	8194.7	8328.8	8328.1	8331.3
17.5°	7306.5	7394.3	7957.3	8384.7	8173.1	8061.5	8662.1	8673.4	8709.1	8638.2	8484.6
15°	8005.0	8164.8	8856.4	9319.8	9173.9	9166.2	10033.7	9818.6	10003.7	9955.3	10163.7
12.5°	8744.9	8934.0	9450.8	9905.9	10122.7	10176.0	10465.7	10737.2	10793.0	10771.0	10730.1
10°	9248.9	9518.3	9725.9	10002.1	10220.8	10443.9	10611.7	10806.7	10870.6	10833.6	10781.4
7.5°	9314.6	9580.8	9824.5	10066.9	10275.2	10454.9	10629.0	10787.8	10852.8	10831.3	10795.4
5°	9356.3	9597.5	9833.8	10079.6	10278.8	10445.3	10618.9	10779.6	10818.0	10792.2	10757.3
2.5°	9382.0	9605.3	9833.0	10077.9	10258.7	10417.3	10593.0	10764.5	10764.2	10752.9	10732.5
0°	9394.5	9618.4	9882.8	10104.3	10306.8	10456.9	10630.7	10797.5	10785.6	10754.6	10718.9
-2.5°	9421.2	9648.1	9917.9	10101.5	10329.8	10467.3	10647.0	10791.4	10785.8	10770.6	10752.9
-5°	9445.1	9700.2	9952.7	10145.8	10374.6	10554.3	10732.9	10845.9	10851.9	10830.7	10800.9
-7.5°	9459.7	9742.5	9983.3	10177.3	10399.2	10608.2	10789.4	10907.8	10910.5	10882.3	10846.6
-10°	9454.8	9753.4	10001.3	10201.7	10429.0	10635.4	10824.8	10975.1	10970.2	10943.3	10912.9
-12.5°	9437.0	9735.2	9989.8	10190.8	10448.8	10661.3	10874.5	11023.9	11031.9	11011.7	10978.8
-15°	9397.7	9705.6	9953.2	10172.8	10425.7	10674.1	10893.0	11057.9	11087.3	11070.9	11044.9
-17.5°	9320.2	9645.1	9907.7	10144.3	10386.9	10651.7	10900.7	11081.0	11121.2	11114.7	11093.1
-20°	9218.3	9553.6	9820.2	10068.0	10332.2	10604.9	10894.7	11059.4	11117.8	11121.5	11106.9



REPORT NUMBER: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	9103.8	9432.1	9714.9	9958.6	10245.0	10521.1	10783.6	10976.5	11074.5	11092.7	11093.9
-25°	8966.7	9304.0	9585.0	9844.5	10110.9	10396.0	10661.2	10876.6	10975.9	11023.4	11038.1
-27.5°	8772.8	9121.5	9398.0	9672.2	9943.3	10237.8	10516.5	10750.7	10831.5	10896.8	10923.0
-30°	8545.7	8890.5	9172.5	9423.2	9733.3	10033.5	10321.2	10525.6	10647.4	10722.1	10762.9
-32.5°	8284.6	8632.7	8928.6	9190.4	9485.2	9785.4	10056.0	10271.5	10439.6	10525.7	10569.4
-35°	8001.5	8356.9	8666.7	8942.5	9219.9	9506.1	9786.5	10012.0	10203.5	10277.4	10332.1
-37.5°	7660.0	8052.0	8369.6	8654.1	8917.7	9186.8	9478.8	9736.5	9922.5	9994.3	10051.9
-40°	7309.8	7688.7	8009.0	8312.4	8573.1	8866.9	9148.1	9418.3	9579.6	9663.4	9728.6
-42.5°	6940.2	7282.4	7587.0	7881.8	8172.0	8474.4	8755.5	9036.3	9175.8	9276.7	9356.8
-45°	6513.4	6831.9	7127.9	7403.7	7702.9	8000.2	8281.5	8529.6	8695.6	8827.0	8929.3
-47.5°	5944.4	6332.4	6629.6	6891.9	7188.6	7475.4	7748.0	7981.3	8163.4	8317.1	8435.8
-50°	5366.6	5738.9	6074.2	6368.9	6644.1	6909.3	7168.8	7397.0	7589.7	7756.3	7876.5
-52.5°	4797.5	5146.4	5479.1	5783.3	6047.8	6298.2	6535.6	6765.2	6968.4	7146.5	7262.8
-55°	4154.5	4515.9	4845.0	5128.7	5393.0	5640.5	5874.8	6092.6	6292.7	6474.0	6585.5
-57.5°	3551.3	3868.3	4174.4	4436.4	4685.9	4921.6	5143.8	5352.3	5544.8	5715.5	5822.9
-60°	2996.8	3227.9	3491.4	3733.2	3954.4	4155.1	4362.4	4556.7	4733.6	4883.7	4983.8
-62.5°	2506.7	2698.3	2888.5	3072.4	3251.8	3432.0	3605.6	3766.8	3914.6	4037.5	4125.3
-65°	2070.1	2224.0	2361.6	2491.9	2616.2	2758.3	2890.3	3014.4	3129.3	3223.5	3290.4
-67.5°	1704.5	1812.7	1907.8	1997.3	2095.3	2195.7	2289.9	2371.9	2442.1	2498.0	2542.1
-70°	1374.6	1454.1	1525.9	1597.2	1668.8	1734.1	1796.4	1856.7	1914.1	1960.8	1995.8
-72.5°	1076.5	1130.8	1179.7	1234.6	1286.1	1335.7	1378.8	1413.6	1440.6	1466.9	1489.9
-75°	820.7	861.6	916.7	963.2	1001.6	1035.6	1066.8	1094.5	1119.0	1140.6	1159.7
-77.5°	660.1	694.8	729.9	763.9	796.7	821.1	843.7	866.4	888.6	907.8	924.7
-80°	489.2	515.1	542.2	569.4	596.6	610.1	620.9	630.8	639.6	651.1	661.7
-82.5°	299.1	313.8	328.8	344.1	359.3	363.1	364.4	364.1	362.1	358.0	351.7
-85°	133.1	133.9	133.5	132.0	129.4	124.1	117.7	110.3	101.9	100.6	99.0
-87.5°	29.3	28.6	27.9	27.0	25.9	25.9	25.8	25.6	25.3	26.2	27.0
-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: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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	0.6
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.5	2.1	2.4	2.4
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.1	2.6	2.9
62.5°	4.4	4.6	4.7	4.8	4.7	4.6	4.4	4.2	4.1	4.3	4.6
60°	8.6	5.7	4.8	4.8	4.8	5.7	8.6	11.0	12.5	13.6	13.4
57.5°	52.6	39.2	33.4	31.0	33.4	39.2	52.6	62.3	67.1	204.1	247.8
55°	1287.2	1352.8	1401.7	1424.4	1401.7	1352.8	1287.2	1174.2	1016.5	953.9	973.1
52.5°	1787.3	1815.8	1832.2	1831.7	1832.2	1815.8	1787.3	1756.6	1721.8	1663.3	1608.4
50°	1992.2	2006.1	2011.0	2008.0	2011.0	2006.1	1992.2	1970.7	1958.1	1931.4	1833.6
47.5°	2942.7	2688.0	2500.8	2455.8	2500.8	2688.0	2942.7	3057.9	2931.8	2675.1	2384.1
45°	4191.1	4287.7	4383.9	4413.8	4383.9	4287.7	4191.1	4147.1	4055.5	3943.9	3828.3
42.5°	4623.4	4654.9	4672.7	4673.4	4672.7	4654.9	4623.4	4582.4	4485.1	4363.5	4213.5
40°	4829.7	4859.4	4876.7	4878.3	4876.7	4859.4	4829.7	4788.9	4716.0	4609.0	4471.8
37.5°	5017.2	5042.5	5059.1	5076.0	5059.1	5042.5	5017.2	5005.4	4995.6	4887.0	4805.1
35°	5864.0	5672.1	5396.2	5438.0	5396.2	5672.1	5864.0	5886.1	5722.2	5417.2	5563.6
32.5°	7319.9	7400.6	7450.9	7536.6	7450.9	7400.6	7319.9	7245.6	7293.1	7126.5	6767.4
30°	7991.7	8018.4	8058.7	8101.1	8058.7	8018.4	7991.7	7970.4	7957.1	7762.7	7545.9
27.5°	8159.3	8186.8	8211.4	8229.7	8211.4	8186.8	8159.3	8143.6	8113.8	7991.9	7807.5
25°	8247.0	8264.2	8290.2	8313.1	8290.2	8264.2	8247.0	8243.6	8219.7	8144.5	7996.4
22.5°	8290.5	8292.3	8312.7	8341.7	8312.7	8292.3	8290.5	8297.5	8285.5	8252.7	8091.8
20°	8320.5	8304.2	8325.3	8344.1	8325.3	8304.2	8320.5	8331.3	8328.1	8328.8	8194.7
17.5°	8701.4	8484.0	8394.8	8396.5	8394.8	8484.0	8701.4	8484.6	8638.2	8709.1	8673.4
15°	9929.8	10011.3	10323.8	10492.6	10323.8	10011.3	9929.8	10163.7	9955.3	10003.7	9818.6
12.5°	10722.5	10693.5	10656.4	10707.0	10656.4	10693.5	10722.5	10730.1	10771.0	10793.0	10737.2
10°	10759.3	10755.9	10689.8	10761.8	10689.8	10755.9	10759.3	10781.4	10833.6	10870.6	10806.7
7.5°	10736.7	10738.7	10710.6	10780.8	10710.6	10738.7	10736.7	10795.4	10831.3	10852.8	10787.8
5°	10751.6	10703.2	10721.6	10761.8	10721.6	10703.2	10751.6	10757.3	10792.2	10818.0	10779.6
2.5°	10710.0	10705.0	10669.3	10697.4	10669.3	10705.0	10710.0	10732.5	10752.9	10764.2	10764.5
0°	10678.4	10652.2	10652.2	10676.0	10652.2	10652.2	10678.4	10718.9	10754.6	10785.6	10797.5
-2.5°	10734.7	10729.2	10725.8	10709.4	10725.8	10729.2	10734.7	10752.9	10770.6	10785.8	10791.4
-5°	10781.0	10766.9	10727.8	10780.8	10727.8	10766.9	10781.0	10800.9	10830.7	10851.9	10845.9
-7.5°	10830.8	10794.7	10757.6	10840.4	10757.6	10794.7	10830.8	10846.6	10882.3	10910.5	10907.8
-10°	10876.4	10824.1	10788.0	10868.9	10788.0	10824.1	10876.4	10912.9	10943.3	10970.2	10975.1
-12.5°	10936.5	10875.4	10851.2	10895.1	10851.2	10875.4	10936.5	10978.8	11011.7	11031.9	11023.9
-15°	11000.6	10958.3	10952.6	10978.5	10952.6	10958.3	11000.6	11044.9	11070.9	11087.3	11057.9
-17.5°	11057.0	11027.2	11042.0	11071.4	11042.0	11027.2	11057.0	11093.1	11114.7	11121.2	11081.0
-20°	11083.8	11067.2	11083.8	11157.2	11083.8	11067.2	11083.8	11106.9	11121.5	11117.8	11059.4



REPORT NUMBER: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	11081.6	11082.6	11111.7	11135.7	11111.7	11082.6	11081.6	11093.9	11092.7	11074.5	10976.5
-25°	11039.3	11061.6	11095.0	11142.9	11095.0	11061.6	11039.3	11038.1	11023.4	10975.9	10876.6
-27.5°	10937.3	10974.3	11009.2	11059.5	11009.2	10974.3	10937.3	10923.0	10896.8	10831.5	10750.7
-30°	10789.8	10833.8	10865.0	10919.0	10865.0	10833.8	10789.8	10762.9	10722.1	10647.4	10525.6
-32.5°	10610.4	10660.2	10697.1	10735.6	10697.1	10660.2	10610.4	10569.4	10525.7	10439.6	10271.5
-35°	10386.1	10439.8	10479.0	10514.0	10479.0	10439.8	10386.1	10332.1	10277.4	10203.5	10012.0
-37.5°	10116.6	10174.4	10219.0	10259.2	10219.0	10174.4	10116.6	10051.9	9994.3	9922.5	9736.5
-40°	9802.6	9862.0	9909.6	9954.3	9909.6	9862.0	9802.6	9728.6	9663.4	9579.6	9418.3
-42.5°	9435.5	9495.4	9544.6	9589.8	9544.6	9495.4	9435.5	9356.8	9276.7	9175.8	9036.3
-45°	9011.6	9073.3	9125.3	9173.0	9125.3	9073.3	9011.6	8929.3	8827.0	8695.6	8529.6
-47.5°	8523.4	8589.3	8633.8	8656.1	8633.8	8589.3	8523.4	8435.8	8317.1	8163.4	7981.3
-50°	7963.7	8029.7	8083.1	8122.5	8083.1	8029.7	7963.7	7876.5	7756.3	7589.7	7397.0
-52.5°	7347.7	7410.4	7456.4	7484.2	7456.4	7410.4	7347.7	7262.8	7146.5	6968.4	6765.2
-55°	6673.2	6738.9	6782.5	6802.9	6782.5	6738.9	6673.2	6585.5	6474.0	6292.7	6092.6
-57.5°	5908.1	5970.5	6016.9	6043.1	6016.9	5970.5	5908.1	5822.9	5715.5	5544.8	5352.3
-60°	5061.8	5117.6	5152.8	5166.5	5152.8	5117.6	5061.8	4983.8	4883.7	4733.6	4556.7
-62.5°	4196.1	4248.9	4281.9	4294.7	4281.9	4248.9	4196.1	4125.3	4037.5	3914.6	3766.8
-65°	3340.2	3373.3	3391.6	3394.3	3391.6	3373.3	3340.2	3290.4	3223.5	3129.3	3014.4
-67.5°	2576.9	2602.1	2617.5	2622.6	2617.5	2602.1	2576.9	2542.1	2498.0	2442.1	2371.9
-70°	2022.0	2039.3	2049.2	2050.9	2049.2	2039.3	2022.0	1995.8	1960.8	1914.1	1856.7
-72.5°	1507.5	1520.0	1515.6	1505.4	1515.6	1520.0	1507.5	1489.9	1466.9	1440.6	1413.6
-75°	1176.1	1189.8	1184.0	1174.3	1184.0	1189.8	1176.1	1159.7	1140.6	1119.0	1094.5
-77.5°	939.5	952.0	945.8	936.1	945.8	952.0	939.5	924.7	907.8	888.6	866.4
-80°	670.9	678.2	683.4	686.0	683.4	678.2	670.9	661.7	651.1	639.6	630.8
-82.5°	343.4	333.4	327.0	319.2	327.0	333.4	343.4	351.7	358.0	362.1	364.1
-85°	97.1	94.8	96.4	97.7	96.4	94.8	97.1	99.0	100.6	101.9	110.3
-87.5°	27.8	28.5	28.6	28.6	28.6	28.5	27.8	27.0	26.2	25.3	25.6
-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: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	1.1	1.7	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
67.5°	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.5	2.4	2.4	2.9
65°	3.0	2.8	3.0	3.3	3.5	3.3	3.4	3.5	3.4	3.3	3.1
62.5°	4.8	5.0	5.2	5.3	5.3	6.8	6.0	6.0	5.7	6.8	9.3
60°	11.4	9.0	13.5	15.0	12.9	22.0	37.3	33.7	9.9	53.9	62.2
57.5°	157.6	130.8	274.1	273.3	114.4	154.6	207.0	136.3	89.1	152.7	201.8
55°	1099.2	1006.6	875.2	861.2	906.6	688.8	575.9	554.2	433.8	282.0	335.0
52.5°	1549.6	1457.3	1367.6	1284.1	1215.6	1142.4	1034.7	918.4	881.2	709.6	547.1
50°	1753.4	1843.1	1754.7	1538.9	1577.3	1473.1	1321.4	1197.7	1223.1	1118.1	901.5
47.5°	2377.8	2487.1	2489.8	2361.1	2217.8	2173.6	1951.2	1564.7	1590.6	1586.2	1356.8
45°	3481.3	3328.6	3385.5	3204.6	2951.5	2811.7	2804.1	2390.7	2007.9	1945.7	1923.5
42.5°	4085.9	3972.9	3855.9	3721.1	3497.3	3274.1	3136.4	2903.8	2596.0	2323.5	2226.9
40°	4330.5	4198.8	4089.6	3977.9	3797.7	3569.1	3458.1	3152.8	2921.4	2685.5	2607.0
37.5°	4626.0	4376.0	4473.6	4262.3	4095.1	4039.4	3953.3	3635.5	3122.7	3079.6	3039.8
35°	5285.8	5052.1	5277.0	5237.2	4571.2	4645.4	4702.6	4312.1	3775.1	3484.0	3490.3
32.5°	6791.3	6252.6	6088.2	6289.6	5939.5	5358.2	5366.8	5247.8	4515.0	4091.3	3905.9
30°	7336.3	7097.1	6837.9	6802.9	6542.2	6206.0	5992.5	5706.7	5173.3	4689.8	4372.1
27.5°	7571.5	7354.4	7136.2	6967.9	6817.0	6588.8	6310.2	5974.4	5595.0	5161.7	4853.0
25°	7739.3	7496.2	7308.0	7122.2	6959.7	6787.0	6502.3	6175.3	5821.3	5472.0	5140.5
22.5°	7874.2	7647.6	7445.0	7245.1	7113.3	6927.5	6671.8	6334.1	6096.4	5874.4	5443.5
20°	8021.7	7803.2	7575.1	7584.8	7390.8	7080.5	6834.8	6666.7	6634.1	6384.3	5828.0
17.5°	8662.1	8061.5	8173.1	8384.7	7957.3	7394.3	7306.5	7315.9	7212.7	6980.5	6288.7
15°	10033.7	9166.2	9173.9	9319.8	8856.4	8164.8	8005.0	7985.5	7823.0	7566.1	6775.2
12.5°	10465.7	10176.0	10122.7	9905.9	9450.8	8934.0	8744.9	8642.3	8344.2	7847.1	7125.2
10°	10611.7	10443.9	10220.8	10002.1	9725.9	9518.3	9248.9	8876.3	8453.0	7973.6	7386.0
7.5°	10629.0	10454.9	10275.2	10066.9	9824.5	9580.8	9314.6	8944.2	8535.0	8064.7	7569.8
5°	10618.9	10445.3	10278.8	10079.6	9833.8	9597.5	9356.3	8990.1	8590.3	8124.2	7690.5
2.5°	10593.0	10417.3	10258.7	10077.9	9833.0	9605.3	9382.0	9039.2	8629.9	8173.3	7730.9
0°	10630.7	10456.9	10306.8	10104.3	9882.8	9618.4	9394.5	9089.6	8648.9	8205.9	7746.2
-2.5°	10647.0	10467.3	10329.8	10101.5	9917.9	9648.1	9421.2	9126.7	8684.9	8263.4	7783.0
-5°	10732.9	10554.3	10374.6	10145.8	9952.7	9700.2	9445.1	9141.8	8711.9	8294.5	7799.7
-7.5°	10789.4	10608.2	10399.2	10177.3	9983.3	9742.5	9459.7	9143.2	8736.6	8294.0	7807.6
-10°	10824.8	10635.4	10429.0	10201.7	10001.3	9753.4	9454.8	9135.3	8731.7	8274.7	7790.1
-12.5°	10874.5	10661.3	10448.8	10190.8	9989.8	9735.2	9437.0	9117.1	8694.3	8238.4	7745.5
-15°	10893.0	10674.1	10425.7	10172.8	9953.2	9705.6	9397.7	9063.1	8629.0	8182.5	7672.6
-17.5°	10900.7	10651.7	10386.9	10144.3	9907.7	9645.1	9320.2	8964.2	8545.3	8084.0	7576.6
-20°	10894.7	10604.9	10332.2	10068.0	9820.2	9553.6	9218.3	8865.8	8425.5	7956.3	7452.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6C-750-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°	10783.6	10521.1	10245.0	9958.6	9714.9	9432.1	9103.8	8739.0	8269.9	7816.1	7293.8
-25°	10661.2	10396.0	10110.9	9844.5	9585.0	9304.0	8966.7	8553.0	8107.5	7635.4	7101.5
-27.5°	10516.5	10237.8	9943.3	9672.2	9398.0	9121.5	8772.8	8356.1	7927.1	7411.0	6892.7
-30°	10321.2	10033.5	9733.3	9423.2	9172.5	8890.5	8545.7	8141.0	7680.4	7170.8	6677.6
-32.5°	10056.0	9785.4	9485.2	9190.4	8928.6	8632.7	8284.6	7882.9	7399.4	6917.4	6404.2
-35°	9786.5	9506.1	9219.9	8942.5	8666.7	8356.9	8001.5	7564.2	7102.2	6624.7	6092.2
-37.5°	9478.8	9186.8	8917.7	8654.1	8369.6	8052.0	7660.0	7237.5	6787.0	6262.0	5755.2
-40°	9148.1	8866.9	8573.1	8312.4	8009.0	7688.7	7309.8	6899.2	6403.7	5884.9	5408.5
-42.5°	8755.5	8474.4	8172.0	7881.8	7587.0	7282.4	6940.2	6495.9	6004.8	5515.4	5020.7
-45°	8281.5	8000.2	7702.9	7403.7	7127.9	6831.9	6513.4	6039.7	5554.8	5088.3	4613.6
-47.5°	7748.0	7475.4	7188.6	6891.9	6629.6	6332.4	5944.4	5503.8	5074.6	4630.7	4144.8
-50°	7168.8	6909.3	6644.1	6368.9	6074.2	5738.9	5366.6	4982.1	4557.0	4101.4	3657.4
-52.5°	6535.6	6298.2	6047.8	5783.3	5479.1	5146.4	4797.5	4389.3	3965.2	3578.5	3174.8
-55°	5874.8	5640.5	5393.0	5128.7	4845.0	4515.9	4154.5	3783.2	3437.0	3079.4	2771.3
-57.5°	5143.8	4921.6	4685.9	4436.4	4174.4	3868.3	3551.3	3236.2	2962.1	2684.1	2404.6
-60°	4362.4	4155.1	3954.4	3733.2	3491.4	3227.9	2996.8	2764.3	2531.7	2309.9	2084.8
-62.5°	3605.6	3432.0	3251.8	3072.4	2888.5	2698.3	2506.7	2327.3	2143.9	1955.9	1790.2
-65°	2890.3	2758.3	2616.2	2491.9	2361.6	2224.0	2070.1	1929.4	1796.0	1658.2	1517.3
-67.5°	2289.9	2195.7	2095.3	1997.3	1907.8	1812.7	1704.5	1590.7	1485.1	1383.1	1279.3
-70°	1796.4	1734.1	1668.8	1597.2	1525.9	1454.1	1374.6	1290.8	1206.0	1129.6	1056.4
-72.5°	1378.8	1335.7	1286.1	1234.6	1179.7	1130.8	1076.5	1020.0	962.5	904.5	849.3
-75°	1066.8	1035.6	1001.6	963.2	916.7	861.6	820.7	793.2	758.5	716.3	670.2
-77.5°	843.7	821.1	796.7	763.9	729.9	694.8	660.1	625.9	592.2	560.2	531.0
-80°	620.9	610.1	596.6	569.4	542.2	515.1	489.2	468.3	448.5	426.8	400.2
-82.5°	364.4	363.1	359.3	344.1	328.8	313.8	299.1	284.4	268.8	252.5	236.0
-85°	117.7	124.1	129.4	132.0	133.5	133.9	133.1	129.2	124.7	119.6	114.0
-87.5°	25.8	25.9	25.9	27.0	27.9	28.6	29.3	30.7	31.9	32.9	33.7
-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: P645569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-750-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1	1.2	1.3
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	2.3	2.5	2.5
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.0	3.6	3.8
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.3
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.3
75°	2.4	2.4	2.4	2.5	2.6	2.4	2.4	2.6	3.2	3.8	4.3
72.5°	2.4	2.4	2.4	2.7	3.0	3.1	2.8	2.6	3.2	3.8	4.4
70°	2.8	2.5	2.4	2.8	3.4	3.9	3.8	3.8	3.3	3.9	4.4
67.5°	3.5	3.6	3.3	3.3	3.5	4.1	4.6	5.4	5.3	4.0	4.5
65°	3.7	4.3	5.0	6.7	6.0	4.2	4.7	9.4	7.5	6.3	4.6
62.5°	7.9	4.4	15.1	20.2	11.4	8.9	7.1	20.8	13.1	8.8	6.4
60°	18.7	15.4	42.0	67.3	46.9	15.8	23.3	36.0	33.1	11.5	9.0
57.5°	174.7	60.1	87.1	125.8	123.6	67.1	48.9	65.3	56.2	32.4	12.7
55°	372.9	313.8	207.2	189.7	205.0	165.4	107.7	105.7	86.7	60.1	20.6
52.5°	511.6	533.9	464.7	324.6	282.7	269.3	210.4	153.3	136.1	90.2	52.2
50°	740.6	689.7	682.7	573.2	396.4	358.8	310.6	239.5	191.0	129.0	88.2
47.5°	1046.2	919.0	851.6	802.3	632.5	457.4	407.4	327.5	251.5	185.9	125.9
45°	1495.1	1187.9	1057.4	977.6	866.8	643.3	509.8	413.0	327.8	249.5	165.4
42.5°	1945.9	1535.8	1292.4	1163.5	1048.2	853.2	619.4	511.6	402.1	314.2	215.4
40°	2343.7	1894.6	1539.5	1373.6	1226.4	1055.9	796.8	617.1	475.0	380.9	272.4
37.5°	2822.7	2303.2	1823.8	1593.9	1416.2	1225.3	976.8	727.3	562.6	450.9	329.4
35°	3286.1	2832.0	2142.0	1860.0	1627.5	1399.0	1150.1	857.5	670.1	521.9	386.5
32.5°	3783.7	3329.4	2622.5	2157.2	1846.2	1576.5	1312.2	1015.8	778.3	593.9	443.3
30°	4175.4	3656.8	3044.1	2454.7	2084.3	1774.5	1474.1	1167.8	886.7	666.4	500.7
27.5°	4383.1	3940.1	3376.8	2786.2	2352.1	1977.6	1640.8	1313.0	995.0	746.2	560.4
25°	4597.8	4139.7	3614.7	3076.0	2616.5	2192.5	1806.8	1451.4	1113.2	836.2	619.5
22.5°	4854.8	4309.3	3815.3	3305.6	2889.3	2410.4	1980.9	1591.6	1231.4	924.4	677.7
20°	5112.7	4466.9	4013.2	3618.2	3157.0	2646.2	2163.0	1728.3	1342.9	1010.3	734.6
17.5°	5383.6	4753.0	4349.2	3923.1	3423.8	2874.6	2342.3	1860.8	1447.6	1093.4	789.9
15°	5854.8	5181.4	4687.6	4219.9	3689.3	3094.3	2517.3	1988.1	1545.2	1173.3	841.3
12.5°	6282.7	5580.2	5026.3	4506.9	3950.4	3303.9	2686.1	2109.1	1635.6	1237.1	887.1
10°	6636.7	5950.1	5361.1	4782.3	4203.8	3501.7	2847.0	2207.8	1689.8	1284.6	929.3
7.5°	6926.6	6291.9	5687.5	5044.4	4421.5	3631.0	2928.1	2265.3	1731.8	1325.1	967.8
5°	7136.2	6520.0	5860.9	5135.7	4489.5	3684.1	2983.3	2312.1	1765.7	1358.8	1002.5
2.5°	7196.6	6590.0	5926.0	5185.8	4535.6	3718.5	3022.7	2347.9	1791.8	1386.2	1033.2
0°	7231.7	6636.2	5966.8	5216.5	4559.1	3734.9	3046.5	2372.4	1810.3	1407.7	1060.0
-2.5°	7280.8	6675.9	6006.2	5295.6	4574.7	3784.9	3060.0	2388.4	1833.6	1415.4	1075.6
-5°	7305.3	6691.4	6025.1	5348.7	4570.6	3814.7	3058.3	2393.5	1848.8	1418.1	1087.0
-7.5°	7294.5	6686.2	6025.9	5365.4	4550.0	3821.6	3041.7	2388.2	1855.0	1416.1	1094.2
-10°	7261.6	6659.1	6002.8	5322.3	4531.0	3794.6	3012.1	2373.0	1851.4	1410.1	1096.9
-12.5°	7211.6	6608.4	5955.8	5260.3	4491.3	3738.9	2977.2	2347.0	1836.4	1400.3	1095.0
-15°	7146.7	6534.7	5884.3	5181.6	4426.0	3664.8	2924.8	2309.2	1807.3	1389.2	1088.6
-17.5°	7063.5	6438.6	5788.0	5088.2	4334.1	3573.0	2854.4	2260.0	1770.9	1375.7	1075.5
-20°	6914.8	6309.5	5665.7	4982.0	4214.9	3464.3	2765.6	2199.4	1727.5	1356.5	1056.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6747.7	6149.6	5513.2	4838.6	4071.2	3339.2	2658.4	2127.4	1677.6	1331.5	1034.2
-25°	6569.6	5969.7	5335.9	4640.3	3912.5	3207.1	2551.0	2044.0	1621.3	1300.5	1008.1
-27.5°	6360.3	5765.9	5135.1	4421.9	3728.2	3053.8	2448.1	1970.1	1566.7	1263.6	978.4
-30°	6125.2	5526.2	4884.0	4188.8	3526.2	2876.4	2332.6	1891.3	1520.6	1223.3	945.4
-32.5°	5855.6	5262.2	4605.9	3950.3	3312.8	2688.3	2205.1	1806.9	1467.4	1180.5	914.7
-35°	5548.8	4955.0	4311.1	3694.1	3086.7	2536.3	2080.5	1717.4	1407.0	1134.3	882.5
-37.5°	5229.2	4625.3	4016.2	3426.6	2846.4	2371.8	1968.4	1628.9	1339.5	1084.8	846.9
-40°	4864.3	4286.0	3706.8	3151.1	2638.3	2195.1	1847.1	1541.6	1275.8	1032.1	807.9
-42.5°	4488.3	3930.1	3384.0	2859.5	2432.9	2051.2	1720.1	1447.7	1208.5	981.2	765.7
-45°	4083.0	3554.5	3040.8	2613.8	2224.0	1898.9	1608.8	1350.2	1136.7	929.0	722.0
-47.5°	3655.4	3158.4	2729.0	2357.7	2046.5	1745.8	1490.5	1266.0	1061.4	873.2	678.2
-50°	3202.5	2789.7	2441.6	2135.3	1855.0	1608.0	1372.7	1177.7	992.3	811.5	632.3
-52.5°	2801.1	2470.4	2182.4	1920.2	1686.3	1463.0	1271.1	1087.3	921.1	752.5	584.4
-55°	2457.2	2186.2	1943.1	1724.8	1518.9	1338.7	1165.7	1006.9	848.0	693.2	535.8
-57.5°	2160.3	1923.4	1728.8	1539.2	1369.2	1215.5	1069.7	924.8	777.9	631.9	497.3
-60°	1875.0	1698.1	1524.9	1372.6	1228.6	1098.2	979.1	842.7	707.1	570.6	454.7
-62.5°	1628.5	1477.5	1346.6	1213.8	1094.3	988.0	887.7	762.4	634.3	513.9	408.4
-65°	1397.6	1281.6	1170.2	1064.2	965.0	874.9	793.8	680.1	561.3	453.8	360.3
-67.5°	1178.2	1090.9	1003.4	914.4	836.3	763.4	694.0	591.3	485.1	390.6	312.6
-70°	982.3	907.6	839.1	773.0	709.7	648.9	583.5	496.8	405.4	333.9	263.7
-72.5°	797.3	742.7	685.8	631.5	584.7	531.3	471.1	403.5	339.4	276.1	213.8
-75°	626.1	590.1	550.0	506.8	463.2	415.5	375.7	328.4	272.6	217.3	172.2
-77.5°	500.9	465.8	425.7	391.3	362.1	329.4	293.3	252.2	207.9	169.1	133.1
-80°	369.5	342.7	319.9	300.2	273.1	243.3	213.3	183.4	151.1	121.0	93.3
-82.5°	225.4	219.5	213.2	204.1	181.5	159.4	137.7	116.4	93.5	72.3	59.9
-85°	112.7	110.4	107.1	102.3	88.4	74.9	68.6	62.2	54.6	47.1	40.0
-87.5°	37.0	39.8	42.1	43.7	40.6	37.5	34.3	31.2	27.3	23.6	20.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	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°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
85°	2.5	2.1	1.7	1.3	0.8	0.5	0.0
82.5°	3.7	3.1	2.5	1.9	1.3	0.8	0.0
80°	4.8	4.1	3.3	2.5	1.7	1.0	0.0
77.5°	4.8	4.8	4.1	3.1	2.1	1.3	0.0
75°	4.9	5.0	4.8	3.7	2.5	1.5	0.0
72.5°	4.9	5.1	5.0	4.3	2.9	1.8	0.0
70°	5.1	5.3	5.3	4.8	3.4	2.1	0.0
67.5°	5.6	5.5	5.5	5.1	3.8	2.3	0.0
65°	6.4	6.3	5.7	5.3	4.2	2.6	0.0
62.5°	7.5	7.9	6.0	5.5	4.7	2.8	0.0
60°	8.8	9.6	6.2	5.8	5.1	3.1	0.0
57.5°	16.3	11.5	8.1	6.0	5.4	3.3	0.0
55°	26.0	13.5	10.1	6.3	5.6	3.5	0.0
52.5°	37.3	17.4	12.2	6.5	5.9	3.8	0.0
50°	50.2	29.6	14.3	6.8	6.2	4.0	0.0
47.5°	67.6	42.7	16.6	7.4	6.4	4.2	0.0
45°	101.9	56.8	19.0	9.2	6.7	4.4	0.0
42.5°	137.1	71.8	21.5	11.0	7.0	4.7	0.0
40°	173.1	87.7	28.9	13.4	7.3	4.9	0.0
37.5°	209.8	104.4	41.3	16.2	7.6	5.1	0.0
35°	247.1	129.7	53.9	19.4	7.9	5.3	0.0
32.5°	287.5	159.1	66.7	22.9	8.2	5.5	0.0
30°	333.6	188.2	79.6	26.7	8.5	5.7	0.0
27.5°	378.9	217.0	95.5	30.7	8.9	5.8	0.0
25°	423.1	245.4	111.8	34.9	9.2	6.0	0.0
22.5°	466.0	274.3	128.0	39.4	9.5	6.2	0.0
20°	507.4	305.3	144.1	43.9	9.8	6.3	0.0
17.5°	548.4	335.3	160.0	48.5	10.1	6.4	0.0
15°	587.8	364.1	175.4	53.2	10.4	6.6	0.0
12.5°	624.7	391.6	190.3	57.8	10.7	6.7	0.0
10°	658.8	417.6	204.6	62.4	10.9	6.8	0.0
7.5°	690.2	441.8	218.1	66.8	11.2	6.9	0.0
5°	718.8	464.2	230.7	71.0	11.4	7.0	0.0
2.5°	744.4	484.5	242.2	75.0	11.7	7.0	0.0
0°	767.0	502.6	252.5	78.6	11.9	7.1	0.0
-2.5°	778.2	514.1	262.1	83.7	13.8	7.5	0.0
-5°	786.4	523.1	270.3	88.4	15.6	7.9	0.0
-7.5°	791.7	529.7	276.9	92.6	17.4	8.3	0.0
-10°	794.1	533.8	282.0	96.3	19.1	8.6	0.0
-12.5°	793.6	535.5	285.4	99.4	20.7	9.0	0.0
-15°	790.5	534.7	287.0	101.8	22.3	9.2	0.0
-17.5°	784.7	531.5	286.8	103.6	23.7	9.5	0.0
-20°	775.8	525.8	284.7	104.7	25.0	9.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	762.8	517.8	280.7	105.0	26.2	9.9	0.0
-25°	746.8	505.4	274.7	104.5	27.3	10.1	0.0
-27.5°	727.8	489.9	266.7	103.2	28.2	10.2	0.0
-30°	705.9	472.2	256.7	101.1	28.9	10.3	0.0
-32.5°	681.0	452.4	245.1	98.1	29.5	10.3	0.0
-35°	654.1	430.6	232.1	94.3	29.9	10.3	0.0
-37.5°	625.1	408.7	217.8	89.6	30.1	10.2	0.0
-40°	593.9	388.9	202.2	84.0	30.1	10.1	0.0
-42.5°	560.6	367.6	190.4	78.0	29.9	10.0	0.0
-45°	525.1	345.0	182.3	71.9	29.6	9.8	0.0
-47.5°	487.7	321.1	172.8	64.9	29.0	9.6	0.0
-50°	456.3	295.9	161.9	62.6	28.3	9.3	0.0
-52.5°	425.0	269.5	149.6	61.3	27.4	8.9	0.0
-55°	392.5	249.5	135.9	59.4	26.3	8.6	0.0
-57.5°	358.7	229.2	120.9	56.8	25.1	8.1	0.0
-60°	324.4	207.0	105.2	53.6	23.6	7.7	0.0
-62.5°	293.1	183.1	97.7	49.8	22.2	7.2	0.0
-65°	259.6	157.6	89.2	45.4	20.6	6.7	0.0
-67.5°	223.9	136.2	79.7	40.5	18.9	6.1	0.0
-70°	186.3	119.2	69.3	35.2	17.1	5.5	0.0
-72.5°	157.6	100.9	58.1	31.0	15.2	4.9	0.0
-75°	128.8	81.5	46.3	26.9	13.2	4.2	0.0
-77.5°	98.6	61.1	38.2	22.7	11.1	3.6	0.0
-80°	67.3	46.6	30.9	18.3	9.0	2.9	0.0
-82.5°	49.4	35.2	23.3	13.9	6.8	2.2	0.0
-85°	33.1	23.6	15.6	9.3	4.5	1.4	0.0
-87.5°	16.6	11.8	7.8	4.7	2.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)