

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: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645559 (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: 2/28/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-722-U-LAM-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

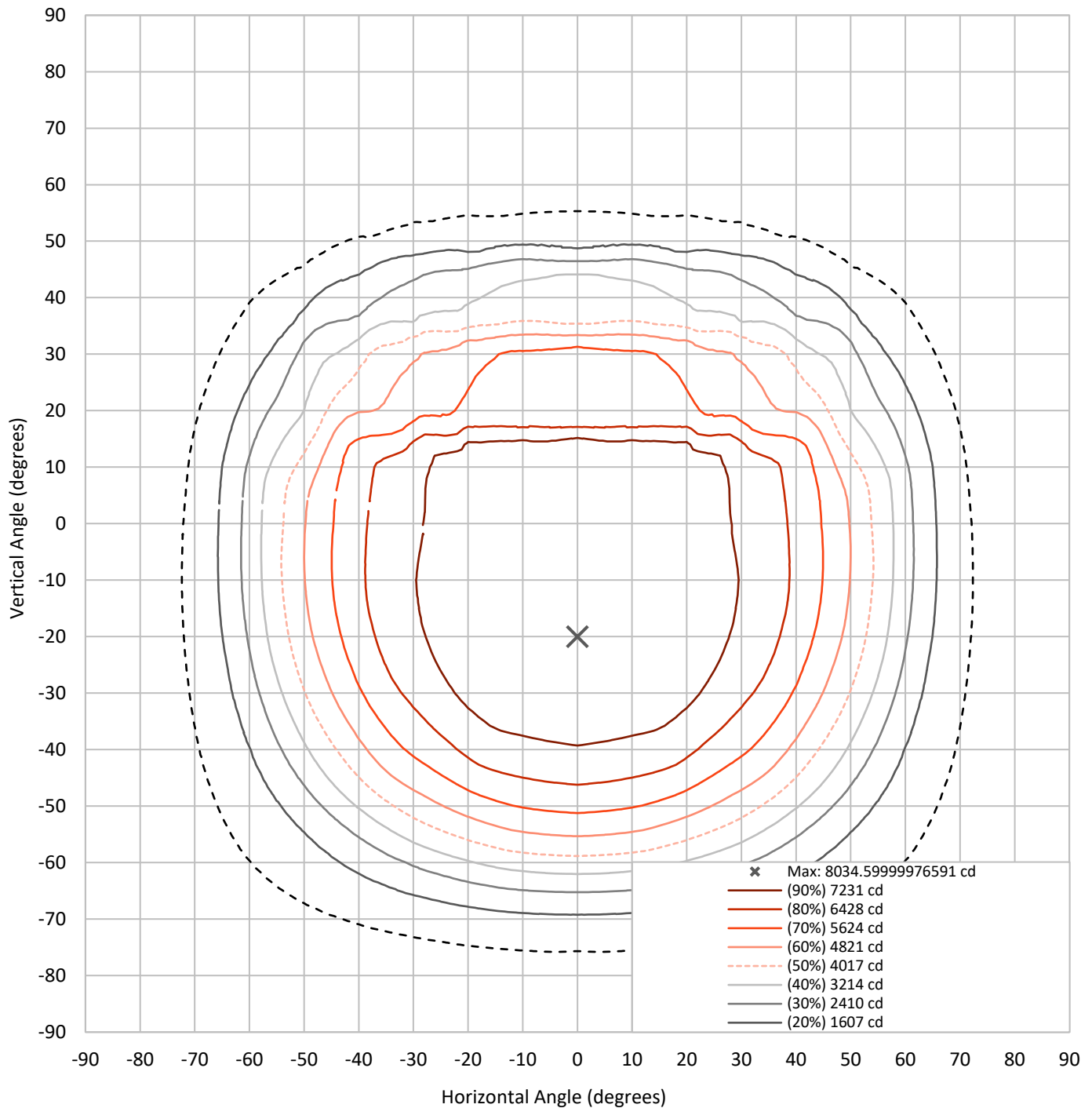
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	18839.4 lumens	Max Intensity:	8034.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	76.1 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:	14727.6 lumens	Field Lumens:	18465.3 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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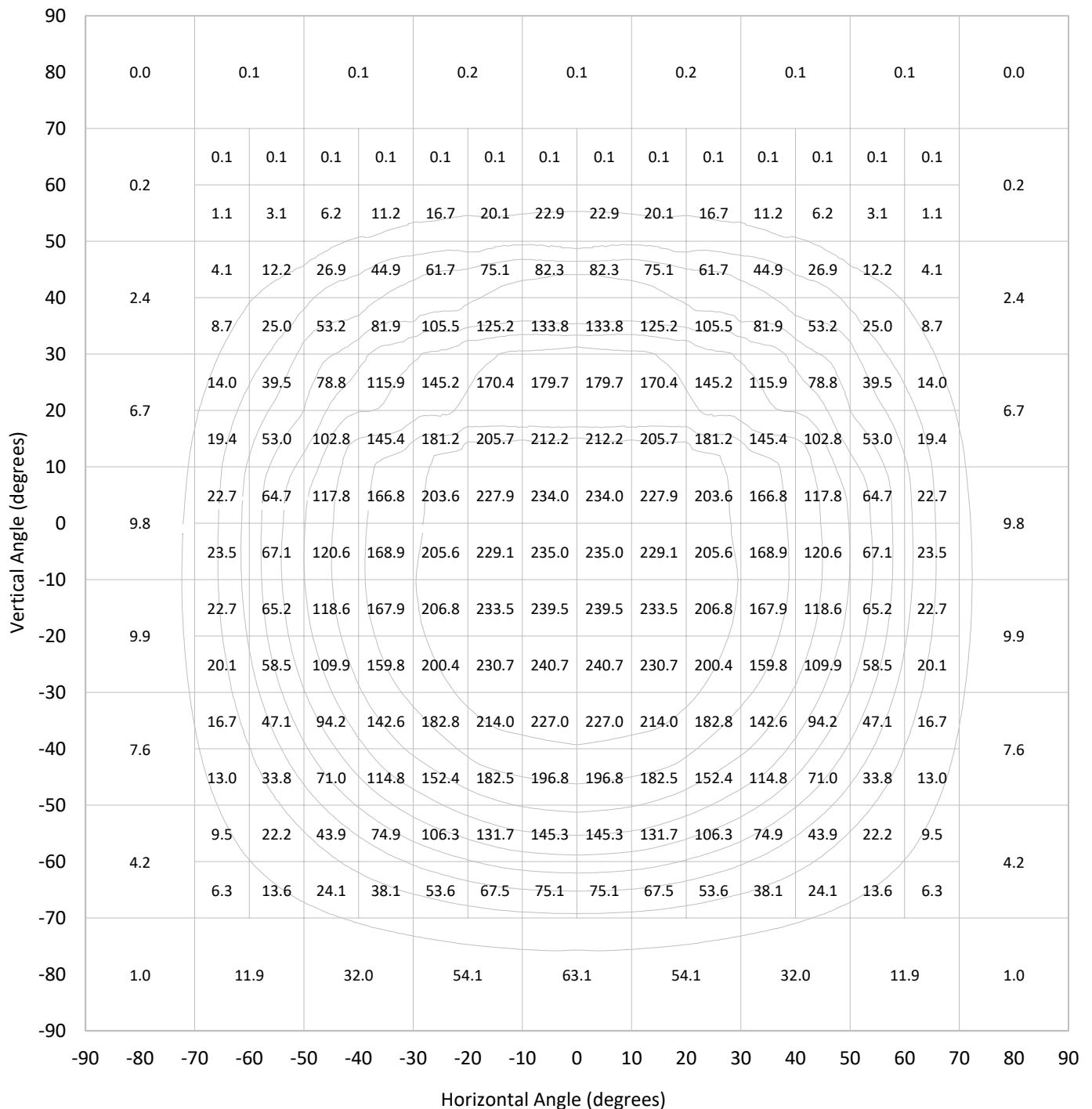
### Iso-Candela Plot





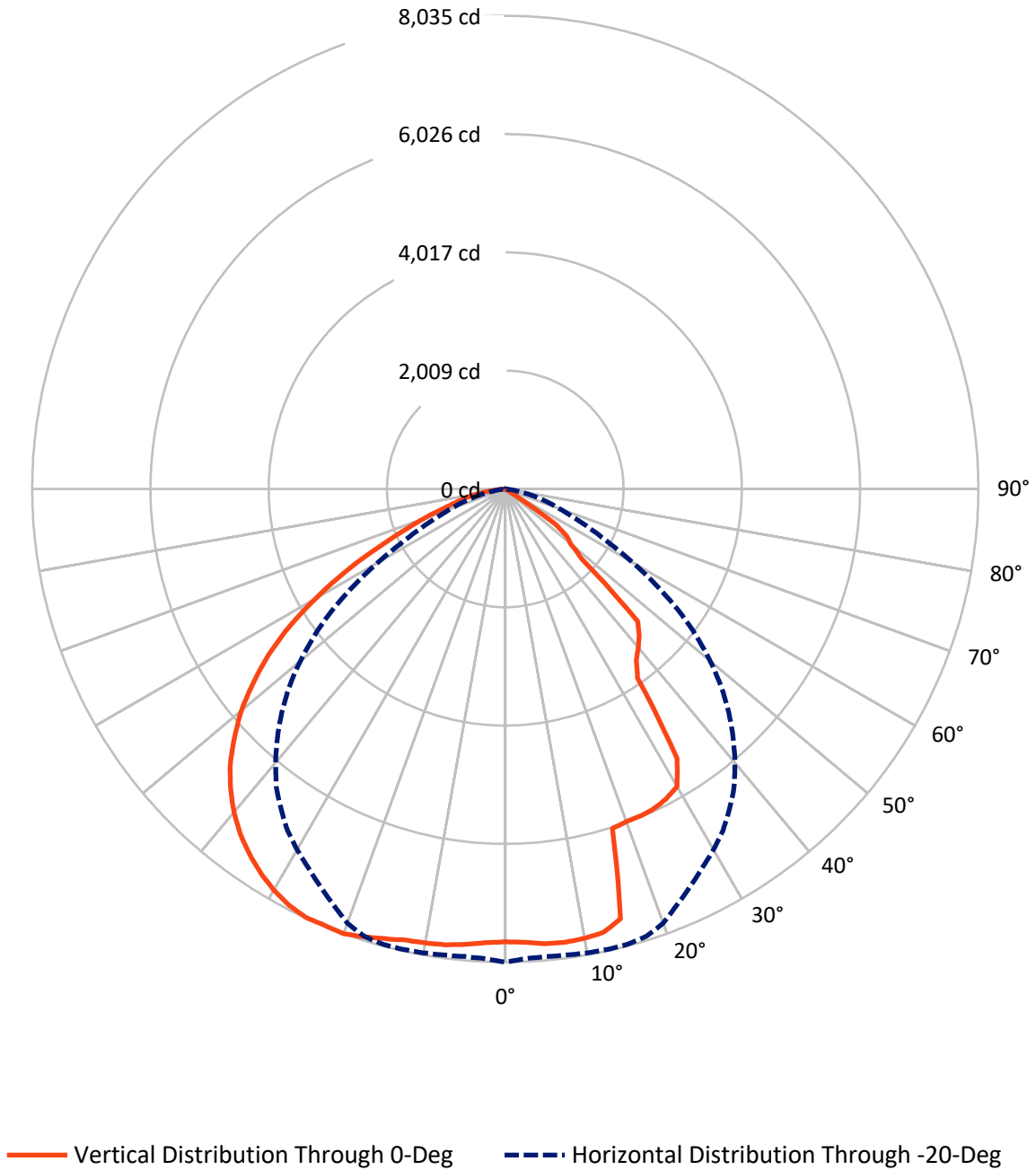
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### Lumen Table



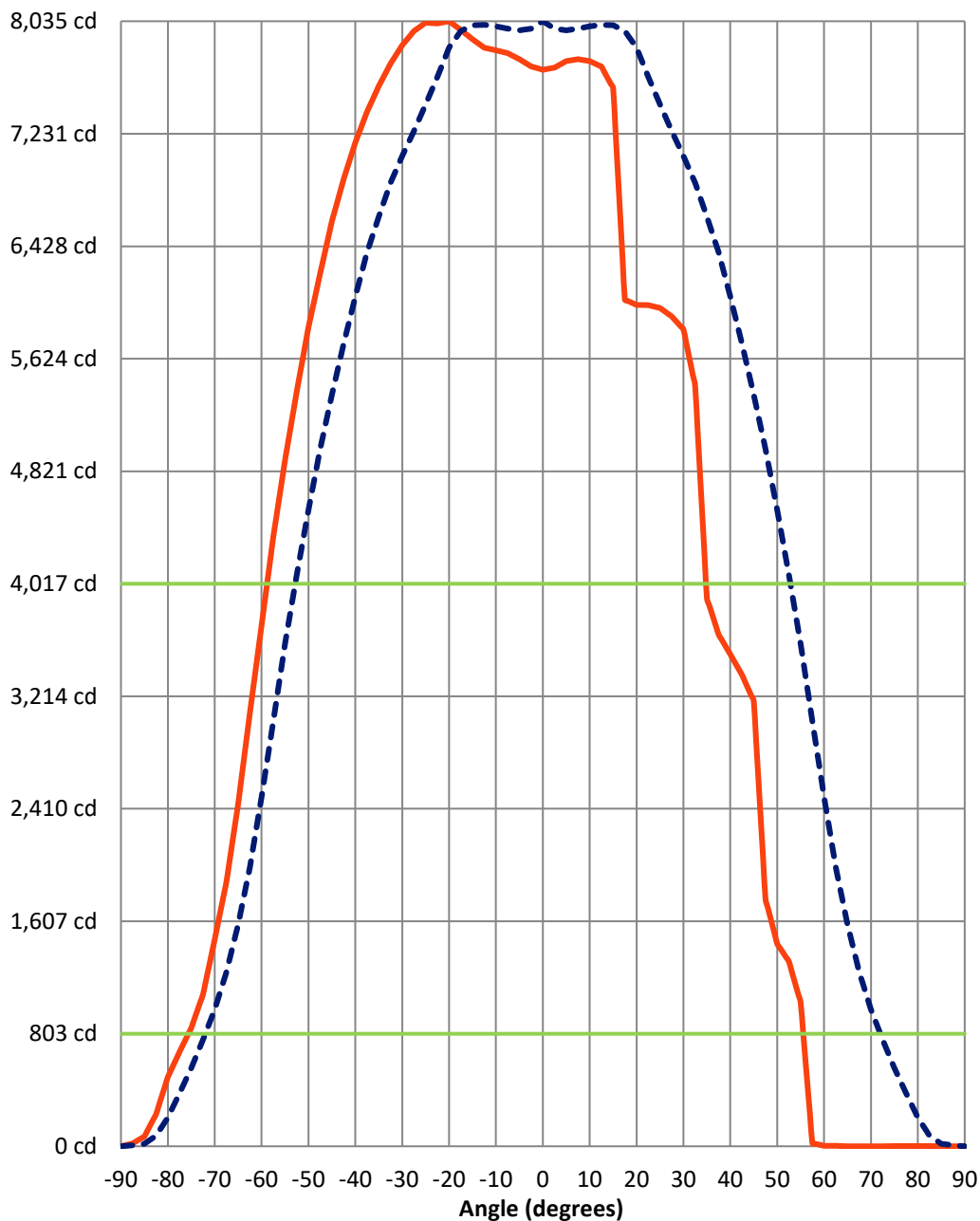
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 14727.6  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 18465.3  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 374.1  
 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	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.8	0.7
85°	0.0	0.4	0.6	0.9	1.2	1.5	1.8	1.8	1.8	1.6	1.4
82.5°	0.0	0.6	0.9	1.3	1.8	2.2	2.6	2.7	2.6	2.2	1.7
80°	0.0	0.7	1.2	1.8	2.3	2.9	3.4	3.0	2.6	2.2	1.8
77.5°	0.0	0.9	1.5	2.2	2.9	3.4	3.4	3.0	2.6	2.2	1.8
75°	0.0	1.1	1.8	2.6	3.4	3.5	3.4	3.1	2.7	2.2	1.8
72.5°	0.0	1.3	2.1	3.1	3.6	3.7	3.5	3.1	2.7	2.3	1.9
70°	0.0	1.5	2.4	3.4	3.7	3.8	3.6	3.1	2.7	2.4	2.7
67.5°	0.0	1.7	2.7	3.6	3.9	3.9	4.0	3.2	2.8	3.8	3.9
65°	0.0	1.8	3.0	3.8	4.1	4.5	4.6	3.2	4.5	5.3	6.7
62.5°	0.0	2.0	3.3	3.9	4.3	5.6	5.4	4.6	6.3	9.4	14.9
60°	0.0	2.2	3.6	4.1	4.5	6.9	6.3	6.5	8.2	23.8	25.9
57.5°	0.0	2.4	3.8	4.3	5.8	8.2	11.7	9.1	23.3	40.4	47.0
55°	0.0	2.5	4.0	4.5	7.2	9.7	18.7	14.8	43.3	62.4	76.1
52.5°	0.0	2.7	4.2	4.7	8.7	12.5	26.8	37.6	64.9	98.0	110.4
50°	0.0	2.9	4.4	4.9	10.3	21.3	36.2	63.5	92.9	137.5	172.4
47.5°	0.0	3.0	4.6	5.3	12.0	30.8	48.7	90.7	133.8	181.1	235.8
45°	0.0	3.2	4.8	6.6	13.7	40.9	73.4	119.1	179.6	236.1	297.4
42.5°	0.0	3.3	5.0	7.9	15.5	51.7	98.8	155.1	226.3	289.6	368.4
40°	0.0	3.5	5.2	9.6	20.8	63.1	124.7	196.1	274.3	342.1	444.4
37.5°	0.0	3.6	5.5	11.7	29.8	75.2	151.1	237.2	324.7	405.1	523.7
35°	0.0	3.8	5.7	14.0	38.9	93.4	177.9	278.3	375.9	482.6	617.5
32.5°	0.0	3.9	5.9	16.5	48.1	114.6	207.0	319.2	427.7	560.5	731.5
30°	0.0	4.0	6.1	19.2	57.3	135.5	240.3	360.5	479.9	638.5	840.9
27.5°	0.0	4.2	6.4	22.1	68.8	156.3	272.8	403.6	537.3	716.5	945.5
25°	0.0	4.3	6.6	25.2	80.5	176.7	304.7	446.1	602.1	801.7	1045.2
22.5°	0.0	4.4	6.8	28.4	92.2	197.5	335.5	488.0	665.6	886.8	1146.1
20°	0.0	4.5	7.1	31.6	103.8	219.8	365.4	529.0	727.5	967.1	1244.6
17.5°	0.0	4.6	7.3	35.0	115.2	241.4	394.9	568.8	787.4	1042.5	1340.0
15°	0.0	4.7	7.5	38.3	126.3	262.2	423.3	605.8	845.0	1112.7	1431.6
12.5°	0.0	4.8	7.7	41.7	137.0	282.0	449.8	638.8	890.9	1177.8	1518.8
10°	0.0	4.9	7.9	44.9	147.3	300.7	474.4	669.2	925.1	1216.9	1589.8
7.5°	0.0	4.9	8.1	48.1	157.0	318.2	497.0	696.9	954.3	1247.1	1631.3
5°	0.0	5.0	8.3	51.1	166.1	334.3	517.6	721.9	978.6	1271.5	1665.0
2.5°	0.0	5.1	8.4	54.0	174.4	348.9	536.0	744.0	998.3	1290.3	1690.8
0°	0.0	5.1	8.6	56.6	181.8	361.9	552.3	763.3	1013.8	1303.6	1708.5
-2.5°	0.0	5.4	9.9	60.3	188.7	370.2	560.4	774.5	1019.3	1320.4	1720.0
-5°	0.0	5.7	11.3	63.7	194.6	376.7	566.3	782.8	1021.2	1331.4	1723.7
-7.5°	0.0	5.9	12.5	66.7	199.4	381.4	570.1	787.9	1019.8	1335.8	1719.9
-10°	0.0	6.2	13.8	69.3	203.1	384.4	571.8	789.8	1015.4	1333.2	1708.9
-12.5°	0.0	6.4	15.0	71.6	205.5	385.6	571.5	788.5	1008.4	1322.5	1690.2
-15°	0.0	6.7	16.1	73.3	206.7	385.1	569.2	783.9	1000.4	1301.5	1663.0
-17.5°	0.0	6.8	17.1	74.6	206.5	382.8	565.1	774.4	990.7	1275.3	1627.5
-20°	0.0	7.0	18.1	75.4	205.0	378.7	558.6	760.9	976.8	1244.1	1583.9

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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	7.2	18.9	75.6	202.1	372.9	549.3	744.7	958.8	1208.1	1532.0
-25°	0.0	7.3	19.7	75.2	197.8	364.0	537.8	725.9	936.5	1167.5	1471.9
-27.5°	0.0	7.4	20.3	74.3	192.1	352.8	524.1	704.6	909.9	1128.3	1418.8
-30°	0.0	7.4	20.8	72.8	184.9	340.1	508.3	680.7	880.9	1095.1	1362.0
-32.5°	0.0	7.4	21.2	70.7	176.5	325.8	490.4	658.7	850.1	1056.7	1301.2
-35°	0.0	7.4	21.5	67.9	167.1	310.1	471.0	635.5	816.8	1013.2	1236.8
-37.5°	0.0	7.4	21.7	64.5	156.8	294.4	450.2	609.8	781.2	964.6	1173.1
-40°	0.0	7.3	21.7	60.5	145.6	280.0	427.7	581.8	743.2	918.7	1110.2
-42.5°	0.0	7.2	21.6	56.2	137.1	264.7	403.7	551.3	706.5	870.3	1042.5
-45°	0.0	7.1	21.3	51.8	131.3	248.4	378.2	519.9	669.0	818.6	972.3
-47.5°	0.0	6.9	20.9	46.8	124.4	231.2	351.2	488.4	628.8	764.4	911.7
-50°	0.0	6.7	20.4	45.1	116.6	213.1	328.6	455.3	584.3	714.6	848.1
-52.5°	0.0	6.4	19.8	44.2	107.7	194.0	306.1	420.8	541.8	663.3	783.0
-55°	0.0	6.2	19.0	42.8	97.9	179.7	282.6	385.9	499.2	610.7	725.1
-57.5°	0.0	5.9	18.1	41.0	87.1	165.1	258.3	358.1	455.1	560.2	666.0
-60°	0.0	5.5	17.0	38.6	75.7	149.1	233.7	327.5	410.9	509.2	606.9
-62.5°	0.0	5.2	16.0	35.9	70.4	131.9	211.1	294.1	370.1	456.8	549.0
-65°	0.0	4.8	14.9	32.7	64.2	113.5	186.9	259.5	326.8	404.2	489.8
-67.5°	0.0	4.4	13.7	29.2	57.4	98.1	161.2	225.1	281.3	349.4	425.9
-70°	0.0	4.0	12.3	25.4	49.9	85.8	134.1	189.9	240.4	292.0	357.7
-72.5°	0.0	3.5	11.0	22.3	41.9	72.7	113.5	153.9	198.9	244.4	290.6
-75°	0.0	3.0	9.5	19.4	33.3	58.7	92.7	124.0	156.5	196.3	236.5
-77.5°	0.0	2.6	8.0	16.4	27.5	44.0	71.0	95.9	121.7	149.7	181.6
-80°	0.0	2.1	6.5	13.2	22.3	33.6	48.5	67.2	87.2	108.8	132.1
-82.5°	0.0	1.6	4.9	10.0	16.8	25.4	35.6	43.1	52.1	67.4	83.8
-85°	0.0	1.0	3.3	6.7	11.3	17.0	23.9	28.8	34.0	39.3	44.9
-87.5°	0.0	0.5	1.6	3.4	5.7	8.5	12.0	14.4	17.0	19.7	22.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA6C-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	2.0	2.2	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	2.7	2.7	2.4	2.0	1.7	1.8	1.9	1.9	1.7	1.7	1.7
67.5°	3.3	2.9	2.5	2.3	2.3	2.6	2.5	2.1	1.7	1.7	1.8
65°	3.4	3.0	4.3	4.8	3.6	3.0	2.6	2.2	2.3	2.4	2.4
62.5°	5.1	6.4	8.2	14.5	10.8	3.1	5.6	6.6	4.9	4.0	4.3
60°	16.7	11.4	33.8	48.4	30.2	11.0	13.5	44.8	38.9	7.2	24.3
57.5°	35.2	48.3	89.0	90.6	62.7	43.3	125.8	145.4	110.0	64.2	98.2
55°	77.5	119.2	147.6	136.6	149.2	226.0	268.6	241.3	203.1	312.4	399.1
52.5°	151.5	194.0	203.6	233.8	334.6	384.5	368.4	394.0	511.0	634.6	661.4
50°	223.7	258.4	285.4	412.7	491.7	496.7	533.3	649.1	805.1	880.8	862.5
47.5°	293.4	329.4	455.5	577.8	613.2	661.8	753.4	977.0	1142.2	1145.5	1126.8
45°	367.1	463.2	624.2	704.0	761.5	855.4	1076.6	1385.1	1401.1	1445.9	1721.6
42.5°	446.0	614.4	754.8	837.8	930.7	1106.0	1401.3	1603.6	1673.2	1869.4	2091.1
40°	573.8	760.4	883.1	989.2	1108.6	1364.4	1687.8	1877.4	1934.0	2103.8	2270.4
37.5°	703.4	882.4	1019.9	1147.8	1313.4	1658.6	2032.8	2189.1	2217.7	2248.8	2618.1
35°	828.2	1007.5	1172.0	1339.4	1542.5	2039.4	2366.4	2513.5	2508.9	2718.6	3105.3
32.5°	944.9	1135.3	1329.5	1553.4	1888.5	2397.6	2724.7	2812.8	2946.3	3251.4	3779.2
30°	1061.5	1277.9	1500.9	1767.7	2192.1	2633.4	3006.9	3148.5	3377.3	3725.5	4109.6
27.5°	1181.6	1424.1	1693.8	2006.4	2431.8	2837.4	3156.4	3494.8	3717.1	4029.1	4302.3
25°	1301.1	1578.9	1884.2	2215.1	2603.1	2981.1	3311.0	3701.8	3940.5	4192.1	4447.0
22.5°	1426.5	1735.8	2080.7	2380.4	2747.5	3103.3	3496.0	3919.9	4230.3	4390.2	4561.3
20°	1557.6	1905.6	2273.4	2605.5	2890.0	3216.7	3681.8	4196.8	4597.5	4777.4	4800.9
17.5°	1686.7	2070.1	2465.6	2825.2	3132.0	3422.8	3876.8	4528.6	5026.8	5194.0	5268.4
15°	1812.7	2228.3	2656.8	3038.9	3375.7	3731.3	4216.1	4879.0	5448.5	5633.6	5750.6
12.5°	1934.3	2379.2	2844.8	3245.5	3619.6	4018.5	4524.3	5131.1	5650.9	6008.9	6223.6
10°	2050.2	2521.7	3027.3	3443.9	3860.7	4284.8	4779.3	5318.8	5742.0	6087.3	6392.1
7.5°	2108.6	2614.8	3184.1	3632.6	4095.7	4531.0	4988.1	5451.2	5807.6	6146.2	6441.0
5°	2148.4	2653.1	3233.0	3698.4	4220.6	4695.2	5139.0	5538.2	5850.5	6186.1	6474.0
2.5°	2176.7	2677.8	3266.2	3734.4	4267.5	4745.7	5182.4	5567.2	5885.8	6214.6	6509.4
0°	2193.9	2689.6	3283.1	3756.5	4296.9	4778.9	5207.7	5578.2	5909.3	6228.3	6545.7
-2.5°	2203.6	2725.6	3294.4	3813.4	4325.2	4807.5	5243.1	5604.7	5950.7	6254.2	6572.4
-5°	2202.4	2747.1	3291.4	3851.7	4338.8	4818.7	5260.7	5616.7	5973.1	6273.7	6583.2
-7.5°	2190.4	2752.0	3276.6	3863.7	4339.4	4814.9	5253.0	5622.4	5972.8	6291.5	6584.3
-10°	2169.1	2732.6	3262.9	3832.7	4322.7	4795.4	5229.3	5609.8	5958.8	6287.9	6578.6
-12.5°	2144.0	2692.5	3234.3	3788.1	4288.9	4758.9	5193.2	5577.7	5932.7	6261.0	6565.4
-15°	2106.2	2639.1	3187.3	3731.4	4237.4	4705.8	5146.5	5525.3	5892.5	6214.0	6526.5
-17.5°	2055.5	2573.0	3121.1	3664.1	4168.1	4636.6	5086.5	5456.1	5821.5	6153.7	6455.3
-20°	1991.6	2494.7	3035.3	3587.7	4080.1	4543.6	4979.5	5366.5	5729.6	6067.5	6384.4



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 CATALOG NUMBER: GFLD-SA6C-722-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°	1914.4	2404.7	2931.8	3484.5	3970.2	4428.5	4859.2	5252.4	5628.6	5955.4	6293.2
-25°	1837.0	2309.5	2817.5	3341.7	3842.6	4299.0	4730.9	5114.0	5498.4	5838.4	6159.3
-27.5°	1762.9	2199.1	2684.8	3184.3	3697.9	4152.2	4580.3	4963.6	5336.9	5708.5	6017.5
-30°	1679.7	2071.4	2539.3	3016.5	3517.1	3979.6	4410.9	4808.7	5163.9	5530.9	5862.6
-32.5°	1587.9	1935.9	2385.6	2844.7	3316.8	3789.5	4216.8	4611.9	4981.4	5328.6	5676.7
-35°	1498.2	1826.4	2222.8	2660.2	3104.5	3568.2	3995.8	4387.2	4770.6	5114.5	5447.3
-37.5°	1417.5	1708.0	2049.8	2467.6	2892.2	3330.8	3765.6	4144.5	4509.4	4887.5	5211.9
-40°	1330.2	1580.7	1899.9	2269.2	2669.4	3086.5	3502.8	3894.7	4237.8	4611.4	4968.3
-42.5°	1238.7	1477.1	1752.0	2059.2	2437.0	2830.2	3232.1	3615.5	3971.7	4324.2	4677.8
-45°	1158.6	1367.4	1601.6	1882.3	2189.8	2559.7	2940.3	3322.3	3664.2	4000.1	4349.3
-47.5°	1073.4	1257.2	1473.7	1697.9	1965.2	2274.5	2632.4	2984.8	3334.7	3654.3	3963.4
-50°	988.5	1157.9	1335.8	1537.7	1758.3	2008.9	2306.2	2633.9	2953.5	3281.6	3587.7
-52.5°	915.4	1053.5	1214.3	1382.7	1571.6	1779.0	2017.1	2286.2	2577.0	2855.5	3160.8
-55°	839.5	964.1	1093.8	1242.1	1399.2	1574.3	1769.5	1995.7	2217.5	2475.1	2724.4
-57.5°	770.3	875.4	986.0	1108.5	1244.9	1385.0	1555.6	1731.6	1932.9	2133.1	2330.5
-60°	705.1	790.9	884.8	988.5	1098.2	1222.8	1350.2	1501.3	1663.4	1823.2	1990.7
-62.5°	639.2	711.5	788.0	874.1	969.8	1064.0	1172.7	1289.1	1408.4	1543.8	1675.9
-65°	571.6	630.0	694.9	766.3	842.7	922.9	1006.4	1092.6	1194.1	1293.3	1389.3
-67.5°	499.8	549.8	602.2	658.5	722.5	785.5	848.5	921.2	996.0	1069.4	1145.5
-70°	420.2	467.3	511.1	556.7	604.2	653.6	707.4	760.8	813.5	868.5	929.6
-72.5°	339.2	382.6	421.1	454.8	493.9	534.9	574.1	611.6	651.4	693.2	734.5
-75°	270.5	299.2	333.6	365.0	396.1	424.9	450.8	482.6	515.8	546.2	571.2
-77.5°	211.2	237.2	260.7	281.8	306.5	335.5	360.7	382.3	403.4	426.4	450.8
-80°	153.6	175.2	196.6	216.1	230.4	246.7	266.1	288.2	307.4	323.0	337.2
-82.5°	99.2	114.8	130.7	146.9	153.5	158.0	162.3	170.0	181.8	193.6	204.8
-85°	49.5	54.0	63.7	73.7	77.1	79.5	81.2	82.1	86.1	89.8	93.1
-87.5°	24.8	27.0	29.3	31.5	30.3	28.7	26.7	24.3	23.7	23.0	22.1
-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: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	1.4	1.4	1.5	1.5	1.5	1.2	0.8	0.4	0.0	0.0	0.0
85°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.2	0.8
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.1
65°	2.4	2.3	2.4	2.4	2.1	2.0	2.1	2.1	1.9	1.5	1.0
62.5°	4.3	4.8	3.8	3.8	3.7	3.6	3.4	3.2	3.0	2.9	3.0
60°	26.9	15.8	9.3	10.8	9.7	6.4	8.2	9.6	9.8	8.9	7.9
57.5°	149.1	111.3	82.4	196.8	197.4	94.2	113.5	178.5	147.0	48.3	44.8
55°	414.8	496.1	652.9	620.1	630.2	724.9	791.6	700.8	687.0	732.0	845.6
52.5°	745.1	822.7	875.4	924.8	984.9	1049.4	1115.9	1158.3	1197.8	1239.9	1265.0
50°	951.6	1060.8	1135.8	1108.2	1263.7	1327.2	1262.7	1320.4	1390.8	1410.1	1419.2
47.5°	1405.1	1565.3	1597.1	1700.3	1793.0	1791.0	1712.3	1716.9	1926.4	2111.3	2202.1
45°	2019.3	2024.8	2125.5	2307.7	2438.0	2397.0	2506.9	2756.8	2840.0	2920.5	2986.4
42.5°	2258.6	2357.8	2518.5	2679.6	2776.8	2861.0	2942.4	3034.3	3142.3	3229.9	3299.9
40°	2490.3	2570.2	2734.8	2864.6	2945.0	3023.7	3118.5	3220.3	3319.1	3396.1	3448.6
37.5°	2846.9	2908.9	2949.0	3069.4	3221.5	3151.3	3331.3	3460.3	3519.3	3597.5	3604.5
35°	3386.5	3345.2	3291.8	3771.4	3800.1	3638.2	3806.5	4006.5	3901.1	4120.7	4238.7
32.5°	3864.7	3858.5	4277.1	4529.3	4384.2	4502.6	4890.6	4873.4	5131.9	5251.9	5217.8
30°	4315.3	4469.1	4711.2	4898.9	4924.1	5110.8	5283.1	5434.0	5590.1	5730.1	5739.7
27.5°	4544.1	4744.8	4909.1	5017.8	5139.0	5296.1	5452.4	5622.4	5755.2	5842.9	5864.4
25°	4682.5	4887.5	5011.9	5128.8	5262.7	5398.2	5573.3	5758.4	5865.0	5919.2	5936.5
22.5°	4804.5	4988.7	5122.4	5217.3	5361.4	5507.2	5670.4	5827.1	5943.0	5966.6	5975.2
20°	4921.9	5098.9	5322.3	5462.0	5455.1	5619.3	5776.6	5901.2	5997.8	5997.3	5999.6
17.5°	5261.7	5324.8	5730.2	6038.0	5885.7	5805.3	6237.8	6246.0	6271.7	6220.6	6109.9
15°	5764.6	5879.6	6377.7	6711.4	6606.4	6600.8	7225.5	7070.7	7204.0	7169.1	7319.1
12.5°	6297.4	6433.6	6805.8	7133.5	7289.6	7328.0	7536.6	7732.1	7772.3	7756.5	7727.0
10°	6660.4	6854.4	7003.9	7202.8	7360.2	7520.9	7641.7	7782.1	7828.2	7801.6	7764.0
7.5°	6707.7	6899.4	7074.9	7249.4	7399.4	7528.9	7654.2	7768.6	7815.3	7799.9	7774.1
5°	6737.7	6911.4	7081.6	7258.6	7402.0	7521.9	7646.9	7762.7	7790.4	7771.8	7746.6
2.5°	6756.2	6917.0	7081.0	7257.3	7387.5	7501.8	7628.3	7751.8	7751.6	7743.5	7728.7
0°	6765.2	6926.5	7116.9	7276.4	7422.2	7530.3	7655.5	7775.5	7767.0	7744.7	7718.9
-2.5°	6784.5	6947.9	7142.2	7274.4	7438.8	7537.7	7667.1	7771.1	7767.2	7756.2	7743.4
-5°	6801.6	6985.4	7167.2	7306.2	7471.0	7600.5	7729.0	7810.3	7814.7	7799.5	7778.0
-7.5°	6812.1	7015.8	7189.2	7328.9	7488.7	7639.2	7769.7	7855.0	7856.9	7836.6	7810.9
-10°	6808.7	7023.7	7202.2	7346.5	7510.2	7658.8	7795.3	7903.4	7899.9	7880.6	7858.6
-12.5°	6795.8	7010.6	7193.9	7338.7	7524.5	7677.5	7831.0	7938.6	7944.3	7929.8	7906.1
-15°	6767.6	6989.3	7167.6	7325.7	7507.8	7686.7	7844.4	7963.1	7984.3	7972.4	7953.7
-17.5°	6711.7	6945.7	7134.8	7305.2	7479.9	7670.6	7849.9	7979.7	8008.7	8004.0	7988.4
-20°	6638.2	6879.8	7071.7	7250.2	7440.5	7636.8	7845.6	7964.2	8006.2	8008.9	7998.3



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	6555.9	6792.3	6996.0	7171.4	7377.7	7576.5	7765.5	7904.5	7975.0	7988.1	7989.0
-25°	6457.1	6700.1	6902.4	7089.2	7281.1	7486.4	7677.4	7832.5	7904.1	7938.2	7948.8
-27.5°	6317.5	6568.6	6767.7	6965.2	7160.4	7372.5	7573.2	7741.9	7800.1	7847.1	7865.9
-30°	6154.0	6402.3	6605.3	6785.8	7009.2	7225.4	7432.6	7579.7	7667.5	7721.3	7750.6
-32.5°	5966.0	6216.7	6429.7	6618.2	6830.5	7046.7	7241.5	7396.8	7517.8	7579.8	7611.2
-35°	5762.1	6018.0	6241.1	6439.7	6639.5	6845.6	7047.5	7209.9	7347.8	7401.0	7440.4
-37.5°	5516.2	5798.5	6027.2	6232.0	6421.9	6615.6	6825.9	7011.5	7145.4	7197.1	7238.6
-40°	5264.0	5536.8	5767.5	5986.0	6173.7	6385.2	6587.8	6782.4	6898.5	6958.8	7005.8
-42.5°	4997.8	5244.2	5463.6	5675.9	5884.9	6102.7	6305.1	6507.3	6607.8	6680.4	6738.0
-45°	4690.4	4919.8	5133.0	5331.6	5547.0	5761.1	5963.7	6142.4	6262.0	6356.6	6430.2
-47.5°	4280.7	4560.1	4774.1	4963.1	5176.7	5383.3	5579.5	5747.5	5878.7	5989.4	6074.9
-50°	3864.6	4132.7	4374.1	4586.4	4784.6	4975.6	5162.4	5326.8	5465.5	5585.5	5672.1
-52.5°	3454.8	3706.0	3945.6	4164.6	4355.2	4535.5	4706.4	4871.8	5018.1	5146.4	5230.1
-55°	2991.7	3252.0	3488.9	3693.2	3883.6	4061.8	4230.6	4387.4	4531.5	4662.1	4742.4
-57.5°	2557.4	2785.6	3006.1	3194.7	3374.4	3544.1	3704.2	3854.3	3992.9	4115.8	4193.2
-60°	2158.1	2324.6	2514.3	2688.4	2847.7	2992.1	3141.4	3281.4	3408.8	3516.9	3589.0
-62.5°	1805.2	1943.1	2080.1	2212.5	2341.7	2471.6	2596.5	2712.6	2819.0	2907.5	2970.7
-65°	1490.7	1601.5	1700.6	1794.5	1884.0	1986.4	2081.4	2170.8	2253.5	2321.4	2369.5
-67.5°	1227.4	1305.3	1373.8	1438.2	1508.8	1581.2	1649.0	1708.1	1758.6	1798.9	1830.7
-70°	989.9	1047.2	1098.8	1150.2	1201.7	1248.7	1293.6	1337.1	1378.4	1412.0	1437.2
-72.5°	775.3	814.4	849.6	889.1	926.2	961.9	992.9	1018.0	1037.4	1056.4	1072.9
-75°	591.0	620.4	660.1	693.6	721.3	745.8	768.2	788.2	805.8	821.4	835.1
-77.5°	475.4	500.4	525.6	550.1	573.7	591.3	607.6	623.9	639.9	653.7	665.9
-80°	352.3	371.0	390.5	410.1	429.6	439.3	447.1	454.3	460.6	468.9	476.5
-82.5°	215.4	226.0	236.8	247.8	258.7	261.5	262.4	262.2	260.8	257.8	253.3
-85°	95.8	96.4	96.1	95.0	93.2	89.4	84.8	79.4	73.4	72.4	71.3
-87.5°	21.1	20.6	20.1	19.4	18.7	18.6	18.6	18.4	18.3	18.9	19.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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	0.4
85°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	0.9	0.0	0.9	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.1	1.5	1.7	1.7
65°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.5	1.9	2.1
62.5°	3.1	3.3	3.4	3.4	3.4	3.3	3.1	3.0	2.9	3.0	3.2
60°	6.2	4.0	3.4	3.4	3.4	4.0	6.2	7.9	8.9	9.8	9.6
57.5°	37.9	28.2	24.0	22.3	24.0	28.2	37.9	44.8	48.3	147.0	178.5
55°	927.0	974.2	1009.4	1025.8	1009.4	974.2	927.0	845.6	732.0	687.0	700.8
52.5°	1287.1	1307.7	1319.5	1319.1	1319.5	1307.7	1287.1	1265.0	1239.9	1197.8	1158.3
50°	1434.7	1444.6	1448.2	1446.0	1448.2	1444.6	1434.7	1419.2	1410.1	1390.8	1320.4
47.5°	2119.1	1935.7	1800.9	1768.5	1800.9	1935.7	2119.1	2202.1	2111.3	1926.4	1716.9
45°	3018.1	3087.7	3157.0	3178.5	3157.0	3087.7	3018.1	2986.4	2920.5	2840.0	2756.8
42.5°	3329.4	3352.1	3364.9	3365.5	3364.9	3352.1	3329.4	3299.9	3229.9	3142.3	3034.3
40°	3478.0	3499.4	3511.8	3513.0	3511.8	3499.4	3478.0	3448.6	3396.1	3319.1	3220.3
37.5°	3613.0	3631.2	3643.2	3655.3	3643.2	3631.2	3613.0	3604.5	3597.5	3519.3	3460.3
35°	4222.8	4084.6	3885.9	3916.1	3885.9	4084.6	4222.8	4238.7	4120.7	3901.1	4006.5
32.5°	5271.2	5329.3	5365.6	5427.3	5365.6	5329.3	5271.2	5217.8	5251.9	5131.9	4873.4
30°	5755.0	5774.2	5803.3	5833.8	5803.3	5774.2	5755.0	5739.7	5730.1	5590.1	5434.0
27.5°	5875.7	5895.6	5913.3	5926.4	5913.3	5895.6	5875.7	5864.4	5842.9	5755.2	5622.4
25°	5938.9	5951.3	5970.0	5986.5	5970.0	5951.3	5938.9	5936.5	5919.2	5865.0	5758.4
22.5°	5970.2	5971.5	5986.2	6007.0	5986.2	5971.5	5970.2	5975.2	5966.6	5943.0	5827.1
20°	5991.8	5980.1	5995.3	6008.8	5995.3	5980.1	5991.8	5999.6	5997.3	5997.8	5901.2
17.5°	6266.0	6109.6	6045.3	6046.5	6045.3	6109.6	6266.0	6109.9	6220.6	6271.7	6246.0
15°	7150.7	7209.4	7434.4	7556.0	7434.4	7209.4	7150.7	7319.1	7169.1	7204.0	7070.7
12.5°	7721.6	7700.6	7673.9	7710.4	7673.9	7700.6	7721.6	7727.0	7756.5	7772.3	7732.1
10°	7748.0	7745.6	7698.0	7749.8	7698.0	7745.6	7748.0	7764.0	7801.6	7828.2	7782.1
7.5°	7731.8	7733.2	7712.9	7763.5	7712.9	7733.2	7731.8	7774.1	7799.9	7815.3	7768.6
5°	7742.5	7707.7	7720.9	7749.8	7720.9	7707.7	7742.5	7746.6	7771.8	7790.4	7762.7
2.5°	7712.5	7708.9	7683.3	7703.5	7683.3	7708.9	7712.5	7728.7	7743.5	7751.6	7751.8
0°	7689.8	7670.9	7670.9	7688.1	7670.9	7670.9	7689.8	7718.9	7744.7	7767.0	7775.5
-2.5°	7730.3	7726.4	7723.9	7712.1	7723.9	7726.4	7730.3	7743.4	7756.2	7767.2	7771.1
-5°	7763.7	7753.5	7725.4	7763.5	7725.4	7753.5	7763.7	7778.0	7799.5	7814.7	7810.3
-7.5°	7799.6	7773.5	7746.8	7806.4	7746.8	7773.5	7799.6	7810.9	7836.6	7856.9	7855.0
-10°	7832.4	7794.7	7768.7	7827.0	7768.7	7794.7	7832.4	7858.6	7880.6	7899.9	7903.4
-12.5°	7875.6	7831.6	7814.3	7845.9	7814.3	7831.6	7875.6	7906.1	7929.8	7944.3	7938.6
-15°	7921.8	7891.4	7887.3	7905.9	7887.3	7891.4	7921.8	7953.7	7972.4	7984.3	7963.1
-17.5°	7962.4	7941.0	7951.6	7972.8	7951.6	7941.0	7962.4	7988.4	8004.0	8008.7	7979.7
-20°	7981.7	7969.7	7981.7	8034.6	7981.7	7969.7	7981.7	7998.3	8008.9	8006.2	7964.2



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	7980.1	7980.8	8001.8	8019.1	8001.8	7980.8	7980.1	7989.0	7988.1	7975.0	7904.5
-25°	7949.6	7965.7	7989.8	8024.3	7989.8	7965.7	7949.6	7948.8	7938.2	7904.1	7832.5
-27.5°	7876.2	7902.8	7928.1	7964.2	7928.1	7902.8	7876.2	7865.9	7847.1	7800.1	7741.9
-30°	7770.0	7801.7	7824.2	7863.0	7824.2	7801.7	7770.0	7750.6	7721.3	7667.5	7579.7
-32.5°	7640.8	7676.6	7703.2	7730.9	7703.2	7676.6	7640.8	7611.2	7579.8	7517.8	7396.8
-35°	7479.3	7517.9	7546.1	7571.4	7546.1	7517.9	7479.3	7440.4	7401.0	7347.8	7209.9
-37.5°	7285.2	7326.8	7359.0	7387.9	7359.0	7326.8	7285.2	7238.6	7197.1	7145.4	7011.5
-40°	7059.1	7101.8	7136.1	7168.3	7136.1	7101.8	7059.1	7005.8	6958.8	6898.5	6782.4
-42.5°	6794.8	6837.9	6873.3	6905.9	6873.3	6837.9	6794.8	6738.0	6680.4	6607.8	6507.3
-45°	6489.5	6533.9	6571.3	6605.7	6571.3	6533.9	6489.5	6430.2	6356.6	6262.0	6142.4
-47.5°	6137.9	6185.4	6217.4	6233.5	6217.4	6185.4	6137.9	6074.9	5989.4	5878.7	5747.5
-50°	5734.9	5782.4	5820.8	5849.2	5820.8	5782.4	5734.9	5672.1	5585.5	5465.5	5326.8
-52.5°	5291.3	5336.4	5369.5	5389.5	5369.5	5336.4	5291.3	5230.1	5146.4	5018.1	4871.8
-55°	4805.6	4852.9	4884.3	4899.0	4884.3	4852.9	4805.6	4742.4	4662.1	4531.5	4387.4
-57.5°	4254.6	4299.6	4332.9	4351.8	4332.9	4299.6	4254.6	4193.2	4115.8	3992.9	3854.3
-60°	3645.2	3685.3	3710.6	3720.5	3710.6	3685.3	3645.2	3589.0	3516.9	3408.8	3281.4
-62.5°	3021.7	3059.8	3083.5	3092.7	3083.5	3059.8	3021.7	2970.7	2907.5	2819.0	2712.6
-65°	2405.4	2429.3	2442.4	2444.3	2442.4	2429.3	2405.4	2369.5	2321.4	2253.5	2170.8
-67.5°	1855.7	1873.9	1884.9	1888.6	1884.9	1873.9	1855.7	1830.7	1798.9	1758.6	1708.1
-70°	1456.1	1468.6	1475.6	1476.9	1475.6	1468.6	1456.1	1437.2	1412.0	1378.4	1337.1
-72.5°	1085.6	1094.5	1091.4	1084.1	1091.4	1094.5	1085.6	1072.9	1056.4	1037.4	1018.0
-75°	846.9	856.8	852.7	845.7	852.7	856.8	846.9	835.1	821.4	805.8	788.2
-77.5°	676.6	685.6	681.1	674.1	681.1	685.6	676.6	665.9	653.7	639.9	623.9
-80°	483.1	488.4	492.1	494.0	492.1	488.4	483.1	476.5	468.9	460.6	454.3
-82.5°	247.3	240.1	235.5	229.9	235.5	240.1	247.3	253.3	257.8	260.8	262.2
-85°	69.9	68.2	69.4	70.3	69.4	68.2	69.9	71.3	72.4	73.4	79.4
-87.5°	20.0	20.5	20.6	20.6	20.6	20.5	20.0	19.4	18.9	18.3	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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°	0.8	1.2	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
67.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	2.1
65°	2.1	2.0	2.1	2.4	2.4	2.3	2.4	2.4	2.4	2.3	2.2
62.5°	3.4	3.6	3.7	3.8	3.8	4.8	4.3	4.3	4.0	4.9	6.6
60°	8.2	6.4	9.7	10.8	9.3	15.8	26.9	24.3	7.2	38.9	44.8
57.5°	113.5	94.2	197.4	196.8	82.4	111.3	149.1	98.2	64.2	110.0	145.4
55°	791.6	724.9	630.2	620.1	652.9	496.1	414.8	399.1	312.4	203.1	241.3
52.5°	1115.9	1049.4	984.9	924.8	875.4	822.7	745.1	661.4	634.6	511.0	394.0
50°	1262.7	1327.2	1263.7	1108.2	1135.8	1060.8	951.6	862.5	880.8	805.1	649.1
47.5°	1712.3	1791.0	1793.0	1700.3	1597.1	1565.3	1405.1	1126.8	1145.5	1142.2	977.0
45°	2506.9	2397.0	2438.0	2307.7	2125.5	2024.8	2019.3	1721.6	1445.9	1401.1	1385.1
42.5°	2942.4	2861.0	2776.8	2679.6	2518.5	2357.8	2258.6	2091.1	1869.4	1673.2	1603.6
40°	3118.5	3023.7	2945.0	2864.6	2734.8	2570.2	2490.3	2270.4	2103.8	1934.0	1877.4
37.5°	3331.3	3151.3	3221.5	3069.4	2949.0	2908.9	2846.9	2618.1	2248.8	2217.7	2189.1
35°	3806.5	3638.2	3800.1	3771.4	3291.8	3345.2	3386.5	3105.3	2718.6	2508.9	2513.5
32.5°	4890.6	4502.6	4384.2	4529.3	4277.1	3858.5	3864.7	3779.2	3251.4	2946.3	2812.8
30°	5283.1	5110.8	4924.1	4898.9	4711.2	4469.1	4315.3	4109.6	3725.5	3377.3	3148.5
27.5°	5452.4	5296.1	5139.0	5017.8	4909.1	4744.8	4544.1	4302.3	4029.1	3717.1	3494.8
25°	5573.3	5398.2	5262.7	5128.8	5011.9	4887.5	4682.5	4447.0	4192.1	3940.5	3701.8
22.5°	5670.4	5507.2	5361.4	5217.3	5122.4	4988.7	4804.5	4561.3	4390.2	4230.3	3919.9
20°	5776.6	5619.3	5455.1	5462.0	5322.3	5098.9	4921.9	4800.9	4777.4	4597.5	4196.8
17.5°	6237.8	5805.3	5885.7	6038.0	5730.2	5324.8	5261.7	5268.4	5194.0	5026.8	4528.6
15°	7225.5	6600.8	6606.4	6711.4	6377.7	5879.6	5764.6	5750.6	5633.6	5448.5	4879.0
12.5°	7536.6	7328.0	7289.6	7133.5	6805.8	6433.6	6297.4	6223.6	6008.9	5650.9	5131.1
10°	7641.7	7520.9	7360.2	7202.8	7003.9	6854.4	6660.4	6392.1	6087.3	5742.0	5318.8
7.5°	7654.2	7528.9	7399.4	7249.4	7074.9	6899.4	6707.7	6441.0	6146.2	5807.6	5451.2
5°	7646.9	7521.9	7402.0	7258.6	7081.6	6911.4	6737.7	6474.0	6186.1	5850.5	5538.2
2.5°	7628.3	7501.8	7387.5	7257.3	7081.0	6917.0	6756.2	6509.4	6214.6	5885.8	5567.2
0°	7655.5	7530.3	7422.2	7276.4	7116.9	6926.5	6765.2	6545.7	6228.3	5909.3	5578.2
-2.5°	7667.1	7537.7	7438.8	7274.4	7142.2	6947.9	6784.5	6572.4	6254.2	5950.7	5604.7
-5°	7729.0	7600.5	7471.0	7306.2	7167.2	6985.4	6801.6	6583.2	6273.7	5973.1	5616.7
-7.5°	7769.7	7639.2	7488.7	7328.9	7189.2	7015.8	6812.1	6584.3	6291.5	5972.8	5622.4
-10°	7795.3	7658.8	7510.2	7346.5	7202.2	7023.7	6808.7	6578.6	6287.9	5958.8	5609.8
-12.5°	7831.0	7677.5	7524.5	7338.7	7193.9	7010.6	6795.8	6565.4	6261.0	5932.7	5577.7
-15°	7844.4	7686.7	7507.8	7325.7	7167.6	6989.3	6767.6	6526.5	6214.0	5892.5	5525.3
-17.5°	7849.9	7670.6	7479.9	7305.2	7134.8	6945.7	6711.7	6455.3	6153.7	5821.5	5456.1
-20°	7845.6	7636.8	7440.5	7250.2	7071.7	6879.8	6638.2	6384.4	6067.5	5729.6	5366.5



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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°	7765.5	7576.5	7377.7	7171.4	6996.0	6792.3	6555.9	6293.2	5955.4	5628.6	5252.4
-25°	7677.4	7486.4	7281.1	7089.2	6902.4	6700.1	6457.1	6159.3	5838.4	5498.4	5114.0
-27.5°	7573.2	7372.5	7160.4	6965.2	6767.7	6568.6	6317.5	6017.5	5708.5	5336.9	4963.6
-30°	7432.6	7225.4	7009.2	6785.8	6605.3	6402.3	6154.0	5862.6	5530.9	5163.9	4808.7
-32.5°	7241.5	7046.7	6830.5	6618.2	6429.7	6216.7	5966.0	5676.7	5328.6	4981.4	4611.9
-35°	7047.5	6845.6	6639.5	6439.7	6241.1	6018.0	5762.1	5447.3	5114.5	4770.6	4387.2
-37.5°	6825.9	6615.6	6421.9	6232.0	6027.2	5798.5	5516.2	5211.9	4887.5	4509.4	4144.5
-40°	6587.8	6385.2	6173.7	5986.0	5767.5	5536.8	5264.0	4968.3	4611.4	4237.8	3894.7
-42.5°	6305.1	6102.7	5884.9	5675.9	5463.6	5244.2	4997.8	4677.8	4324.2	3971.7	3615.5
-45°	5963.7	5761.1	5547.0	5331.6	5133.0	4919.8	4690.4	4349.3	4000.1	3664.2	3322.3
-47.5°	5579.5	5383.3	5176.7	4963.1	4774.1	4560.1	4280.7	3963.4	3654.3	3334.7	2984.8
-50°	5162.4	4975.6	4784.6	4586.4	4374.1	4132.7	3864.6	3587.7	3281.6	2953.5	2633.9
-52.5°	4706.4	4535.5	4355.2	4164.6	3945.6	3706.0	3454.8	3160.8	2855.5	2577.0	2286.2
-55°	4230.6	4061.8	3883.6	3693.2	3488.9	3252.0	2991.7	2724.4	2475.1	2217.5	1995.7
-57.5°	3704.2	3544.1	3374.4	3194.7	3006.1	2785.6	2557.4	2330.5	2133.1	1932.9	1731.6
-60°	3141.4	2992.1	2847.7	2688.4	2514.3	2324.6	2158.1	1990.7	1823.2	1663.4	1501.3
-62.5°	2596.5	2471.6	2341.7	2212.5	2080.1	1943.1	1805.2	1675.9	1543.8	1408.4	1289.1
-65°	2081.4	1986.4	1884.0	1794.5	1700.6	1601.5	1490.7	1389.3	1293.3	1194.1	1092.6
-67.5°	1649.0	1581.2	1508.8	1438.2	1373.8	1305.3	1227.4	1145.5	1069.4	996.0	921.2
-70°	1293.6	1248.7	1201.7	1150.2	1098.8	1047.2	989.9	929.6	868.5	813.5	760.8
-72.5°	992.9	961.9	926.2	889.1	849.6	814.4	775.3	734.5	693.2	651.4	611.6
-75°	768.2	745.8	721.3	693.6	660.1	620.4	591.0	571.2	546.2	515.8	482.6
-77.5°	607.6	591.3	573.7	550.1	525.6	500.4	475.4	450.8	426.4	403.4	382.3
-80°	447.1	439.3	429.6	410.1	390.5	371.0	352.3	337.2	323.0	307.4	288.2
-82.5°	262.4	261.5	258.7	247.8	236.8	226.0	215.4	204.8	193.6	181.8	170.0
-85°	84.8	89.4	93.2	95.0	96.1	96.4	95.8	93.1	89.8	86.1	82.1
-87.5°	18.6	18.6	18.7	19.4	20.1	20.6	21.1	22.1	23.0	23.7	24.3
-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: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-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°	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.8	0.9	0.9
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.6	1.8	1.8
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.2	2.6	2.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
75°	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.8	2.2	2.7	3.1
72.5°	1.7	1.7	1.7	1.9	2.2	2.2	2.0	1.9	2.3	2.7	3.1
70°	1.9	1.8	1.7	2.0	2.4	2.7	2.7	2.7	2.4	2.7	3.1
67.5°	2.5	2.6	2.3	2.3	2.5	2.9	3.3	3.9	3.8	2.8	3.2
65°	2.6	3.0	3.6	4.8	4.3	3.0	3.4	6.7	5.3	4.5	3.2
62.5°	5.6	3.1	10.8	14.5	8.2	6.4	5.1	14.9	9.4	6.3	4.6
60°	13.5	11.0	30.2	48.4	33.8	11.4	16.7	25.9	23.8	8.2	6.5
57.5°	125.8	43.3	62.7	90.6	89.0	48.3	35.2	47.0	40.4	23.3	9.1
55°	268.6	226.0	149.2	136.6	147.6	119.2	77.5	76.1	62.4	43.3	14.8
52.5°	368.4	384.5	334.6	233.8	203.6	194.0	151.5	110.4	98.0	64.9	37.6
50°	533.3	496.7	491.7	412.7	285.4	258.4	223.7	172.4	137.5	92.9	63.5
47.5°	753.4	661.8	613.2	577.8	455.5	329.4	293.4	235.8	181.1	133.8	90.7
45°	1076.6	855.4	761.5	704.0	624.2	463.2	367.1	297.4	236.1	179.6	119.1
42.5°	1401.3	1106.0	930.7	837.8	754.8	614.4	446.0	368.4	289.6	226.3	155.1
40°	1687.8	1364.4	1108.6	989.2	883.1	760.4	573.8	444.4	342.1	274.3	196.1
37.5°	2032.8	1658.6	1313.4	1147.8	1019.9	882.4	703.4	523.7	405.1	324.7	237.2
35°	2366.4	2039.4	1542.5	1339.4	1172.0	1007.5	828.2	617.5	482.6	375.9	278.3
32.5°	2724.7	2397.6	1888.5	1553.4	1329.5	1135.3	944.9	731.5	560.5	427.7	319.2
30°	3006.9	2633.4	2192.1	1767.7	1500.9	1277.9	1061.5	840.9	638.5	479.9	360.5
27.5°	3156.4	2837.4	2431.8	2006.4	1693.8	1424.1	1181.6	945.5	716.5	537.3	403.6
25°	3311.0	2981.1	2603.1	2215.1	1884.2	1578.9	1301.1	1045.2	801.7	602.1	446.1
22.5°	3496.0	3103.3	2747.5	2380.4	2080.7	1735.8	1426.5	1146.1	886.8	665.6	488.0
20°	3681.8	3216.7	2890.0	2605.5	2273.4	1905.6	1557.6	1244.6	967.1	727.5	529.0
17.5°	3876.8	3422.8	3132.0	2825.2	2465.6	2070.1	1686.7	1340.0	1042.5	787.4	568.8
15°	4216.1	3731.3	3375.7	3038.9	2656.8	2228.3	1812.7	1431.6	1112.7	845.0	605.8
12.5°	4524.3	4018.5	3619.6	3245.5	2844.8	2379.2	1934.3	1518.8	1177.8	890.9	638.8
10°	4779.3	4284.8	3860.7	3443.9	3027.3	2521.7	2050.2	1589.8	1216.9	925.1	669.2
7.5°	4988.1	4531.0	4095.7	3632.6	3184.1	2614.8	2108.6	1631.3	1247.1	954.3	696.9
5°	5139.0	4695.2	4220.6	3698.4	3233.0	2653.1	2148.4	1665.0	1271.5	978.6	721.9
2.5°	5182.4	4745.7	4267.5	3734.4	3266.2	2677.8	2176.7	1690.8	1290.3	998.3	744.0
0°	5207.7	4778.9	4296.9	3756.5	3283.1	2689.6	2193.9	1708.5	1303.6	1013.8	763.3
-2.5°	5243.1	4807.5	4325.2	3813.4	3294.4	2725.6	2203.6	1720.0	1320.4	1019.3	774.5
-5°	5260.7	4818.7	4338.8	3851.7	3291.4	2747.1	2202.4	1723.7	1331.4	1021.2	782.8
-7.5°	5253.0	4814.9	4339.4	3863.7	3276.6	2752.0	2190.4	1719.9	1335.8	1019.8	787.9
-10°	5229.3	4795.4	4322.7	3832.7	3262.9	2732.6	2169.1	1708.9	1333.2	1015.4	789.8
-12.5°	5193.2	4758.9	4288.9	3788.1	3234.3	2692.5	2144.0	1690.2	1322.5	1008.4	788.5
-15°	5146.5	4705.8	4237.4	3731.4	3187.3	2639.1	2106.2	1663.0	1301.5	1000.4	783.9
-17.5°	5086.5	4636.6	4168.1	3664.1	3121.1	2573.0	2055.5	1627.5	1275.3	990.7	774.4
-20°	4979.5	4543.6	4080.1	3587.7	3035.3	2494.7	1991.6	1583.9	1244.1	976.8	760.9

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

Scaled Data Report



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	4859.2	4428.5	3970.2	3484.5	2931.8	2404.7	1914.4	1532.0	1208.1	958.8	744.7
-25°	4730.9	4299.0	3842.6	3341.7	2817.5	2309.5	1837.0	1471.9	1167.5	936.5	725.9
-27.5°	4580.3	4152.2	3697.9	3184.3	2684.8	2199.1	1762.9	1418.8	1128.3	909.9	704.6
-30°	4410.9	3979.6	3517.1	3016.5	2539.3	2071.4	1679.7	1362.0	1095.1	880.9	680.7
-32.5°	4216.8	3789.5	3316.8	2844.7	2385.6	1935.9	1587.9	1301.2	1056.7	850.1	658.7
-35°	3995.8	3568.2	3104.5	2660.2	2222.8	1826.4	1498.2	1236.8	1013.2	816.8	635.5
-37.5°	3765.6	3330.8	2892.2	2467.6	2049.8	1708.0	1417.5	1173.1	964.6	781.2	609.8
-40°	3502.8	3086.5	2669.4	2269.2	1899.9	1580.7	1330.2	1110.2	918.7	743.2	581.8
-42.5°	3232.1	2830.2	2437.0	2059.2	1752.0	1477.1	1238.7	1042.5	870.3	706.5	551.3
-45°	2940.3	2559.7	2189.8	1882.3	1601.6	1367.4	1158.6	972.3	818.6	669.0	519.9
-47.5°	2632.4	2274.5	1965.2	1697.9	1473.7	1257.2	1073.4	911.7	764.4	628.8	488.4
-50°	2306.2	2008.9	1758.3	1537.7	1335.8	1157.9	988.5	848.1	714.6	584.3	455.3
-52.5°	2017.1	1779.0	1571.6	1382.7	1214.3	1053.5	915.4	783.0	663.3	541.8	420.8
-55°	1769.5	1574.3	1399.2	1242.1	1093.8	964.1	839.5	725.1	610.7	499.2	385.9
-57.5°	1555.6	1385.0	1244.9	1108.5	986.0	875.4	770.3	666.0	560.2	455.1	358.1
-60°	1350.2	1222.8	1098.2	988.5	884.8	790.9	705.1	606.9	509.2	410.9	327.5
-62.5°	1172.7	1064.0	969.8	874.1	788.0	711.5	639.2	549.0	456.8	370.1	294.1
-65°	1006.4	922.9	842.7	766.3	694.9	630.0	571.6	489.8	404.2	326.8	259.5
-67.5°	848.5	785.5	722.5	658.5	602.2	549.8	499.8	425.9	349.4	281.3	225.1
-70°	707.4	653.6	604.2	556.7	511.1	467.3	420.2	357.7	292.0	240.4	189.9
-72.5°	574.1	534.9	493.9	454.8	421.1	382.6	339.2	290.6	244.4	198.9	153.9
-75°	450.8	424.9	396.1	365.0	333.6	299.2	270.5	236.5	196.3	156.5	124.0
-77.5°	360.7	335.5	306.5	281.8	260.7	237.2	211.2	181.6	149.7	121.7	95.9
-80°	266.1	246.7	230.4	216.1	196.6	175.2	153.6	132.1	108.8	87.2	67.2
-82.5°	162.3	158.0	153.5	146.9	130.7	114.8	99.2	83.8	67.4	52.1	43.1
-85°	81.2	79.5	77.1	73.7	63.7	54.0	49.5	44.9	39.3	34.0	28.8
-87.5°	26.7	28.7	30.3	31.5	29.3	27.0	24.8	22.5	19.7	17.0	14.4
-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: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	0.9	0.7	0.6	0.4	0.3	0.2	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.4	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.6	0.0
80°	3.4	2.9	2.3	1.8	1.2	0.7	0.0
77.5°	3.4	3.4	2.9	2.2	1.5	0.9	0.0
75°	3.4	3.5	3.4	2.6	1.8	1.1	0.0
72.5°	3.5	3.7	3.6	3.1	2.1	1.3	0.0
70°	3.6	3.8	3.7	3.4	2.4	1.5	0.0
67.5°	4.0	3.9	3.9	3.6	2.7	1.7	0.0
65°	4.6	4.5	4.1	3.8	3.0	1.8	0.0
62.5°	5.4	5.6	4.3	3.9	3.3	2.0	0.0
60°	6.3	6.9	4.5	4.1	3.6	2.2	0.0
57.5°	11.7	8.2	5.8	4.3	3.8	2.4	0.0
55°	18.7	9.7	7.2	4.5	4.0	2.5	0.0
52.5°	26.8	12.5	8.7	4.7	4.2	2.7	0.0
50°	36.2	21.3	10.3	4.9	4.4	2.9	0.0
47.5°	48.7	30.8	12.0	5.3	4.6	3.0	0.0
45°	73.4	40.9	13.7	6.6	4.8	3.2	0.0
42.5°	98.8	51.7	15.5	7.9	5.0	3.3	0.0
40°	124.7	63.1	20.8	9.6	5.2	3.5	0.0
37.5°	151.1	75.2	29.8	11.7	5.5	3.6	0.0
35°	177.9	93.4	38.9	14.0	5.7	3.8	0.0
32.5°	207.0	114.6	48.1	16.5	5.9	3.9	0.0
30°	240.3	135.5	57.3	19.2	6.1	4.0	0.0
27.5°	272.8	156.3	68.8	22.1	6.4	4.2	0.0
25°	304.7	176.7	80.5	25.2	6.6	4.3	0.0
22.5°	335.5	197.5	92.2	28.4	6.8	4.4	0.0
20°	365.4	219.8	103.8	31.6	7.1	4.5	0.0
17.5°	394.9	241.4	115.2	35.0	7.3	4.6	0.0
15°	423.3	262.2	126.3	38.3	7.5	4.7	0.0
12.5°	449.8	282.0	137.0	41.7	7.7	4.8	0.0
10°	474.4	300.7	147.3	44.9	7.9	4.9	0.0
7.5°	497.0	318.2	157.0	48.1	8.1	4.9	0.0
5°	517.6	334.3	166.1	51.1	8.3	5.0	0.0
2.5°	536.0	348.9	174.4	54.0	8.4	5.1	0.0
0°	552.3	361.9	181.8	56.6	8.6	5.1	0.0
-2.5°	560.4	370.2	188.7	60.3	9.9	5.4	0.0
-5°	566.3	376.7	194.6	63.7	11.3	5.7	0.0
-7.5°	570.1	381.4	199.4	66.7	12.5	5.9	0.0
-10°	571.8	384.4	203.1	69.3	13.8	6.2	0.0
-12.5°	571.5	385.6	205.5	71.6	15.0	6.4	0.0
-15°	569.2	385.1	206.7	73.3	16.1	6.7	0.0
-17.5°	565.1	382.8	206.5	74.6	17.1	6.8	0.0
-20°	558.6	378.7	205.0	75.4	18.1	7.0	0.0

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Scaled Data Report



REPORT NUMBER: P645559 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	549.3	372.9	202.1	75.6	18.9	7.2	0.0
-25°	537.8	364.0	197.8	75.2	19.7	7.3	0.0
-27.5°	524.1	352.8	192.1	74.3	20.3	7.4	0.0
-30°	508.3	340.1	184.9	72.8	20.8	7.4	0.0
-32.5°	490.4	325.8	176.5	70.7	21.2	7.4	0.0
-35°	471.0	310.1	167.1	67.9	21.5	7.4	0.0
-37.5°	450.2	294.4	156.8	64.5	21.7	7.4	0.0
-40°	427.7	280.0	145.6	60.5	21.7	7.3	0.0
-42.5°	403.7	264.7	137.1	56.2	21.6	7.2	0.0
-45°	378.2	248.4	131.3	51.8	21.3	7.1	0.0
-47.5°	351.2	231.2	124.4	46.8	20.9	6.9	0.0
-50°	328.6	213.1	116.6	45.1	20.4	6.7	0.0
-52.5°	306.1	194.0	107.7	44.2	19.8	6.4	0.0
-55°	282.6	179.7	97.9	42.8	19.0	6.2	0.0
-57.5°	258.3	165.1	87.1	41.0	18.1	5.9	0.0
-60°	233.7	149.1	75.7	38.6	17.0	5.5	0.0
-62.5°	211.1	131.9	70.4	35.9	16.0	5.2	0.0
-65°	186.9	113.5	64.2	32.7	14.9	4.8	0.0
-67.5°	161.2	98.1	57.4	29.2	13.7	4.4	0.0
-70°	134.1	85.8	49.9	25.4	12.3	4.0	0.0
-72.5°	113.5	72.7	41.9	22.3	11.0	3.5	0.0
-75°	92.7	58.7	33.3	19.4	9.5	3.0	0.0
-77.5°	71.0	44.0	27.5	16.4	8.0	2.6	0.0
-80°	48.5	33.6	22.3	13.2	6.5	2.1	0.0
-82.5°	35.6	25.4	16.8	10.0	4.9	1.6	0.0
-85°	23.9	17.0	11.3	6.7	3.3	1.0	0.0
-87.5°	12.0	8.5	5.7	3.4	1.6	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)