

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: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6B-940-U-NAT-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

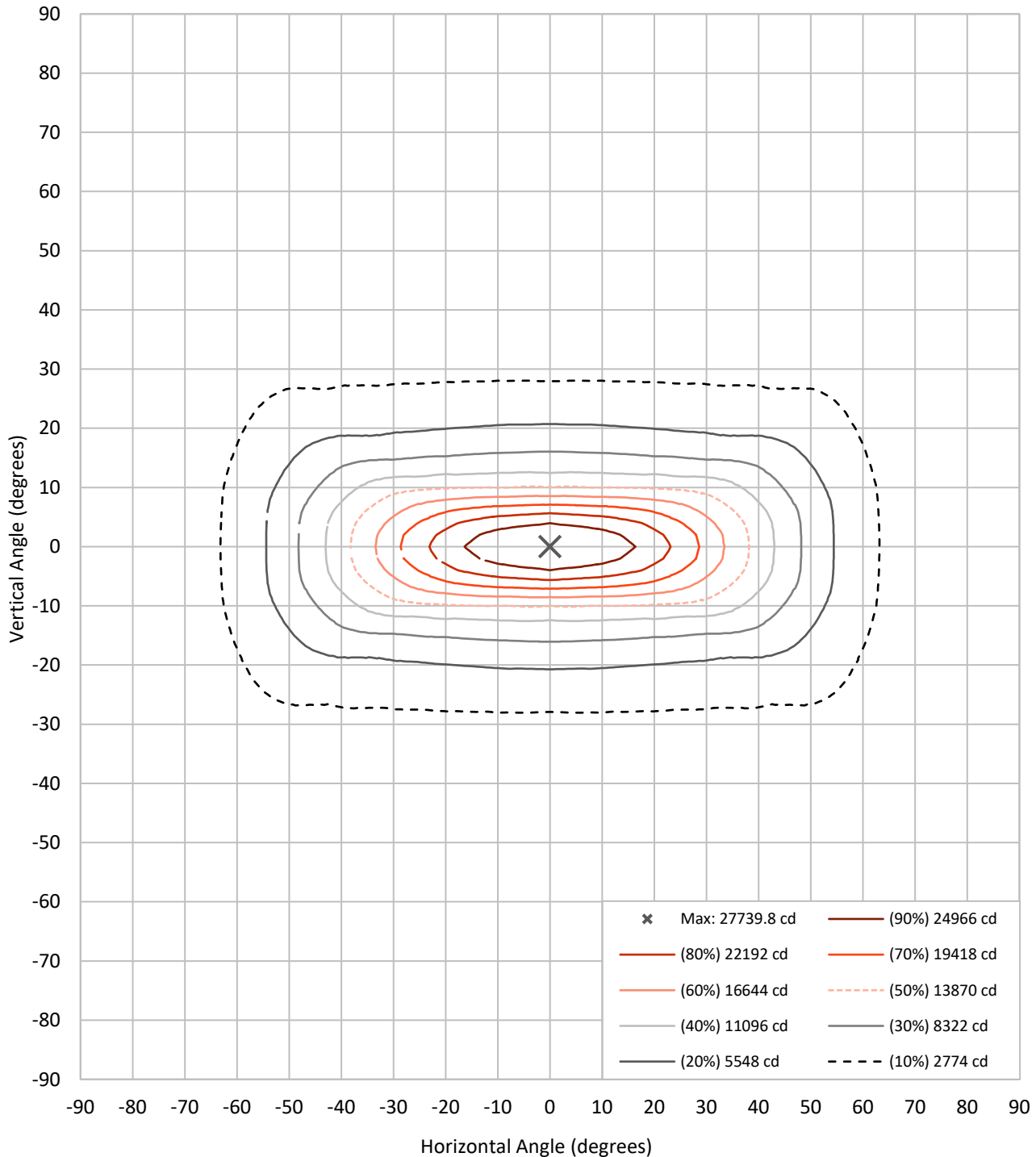
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	19866.7 lumens	Max Intensity:	27739.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7948.6 lumens	Field Lumens:	16282.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 185  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





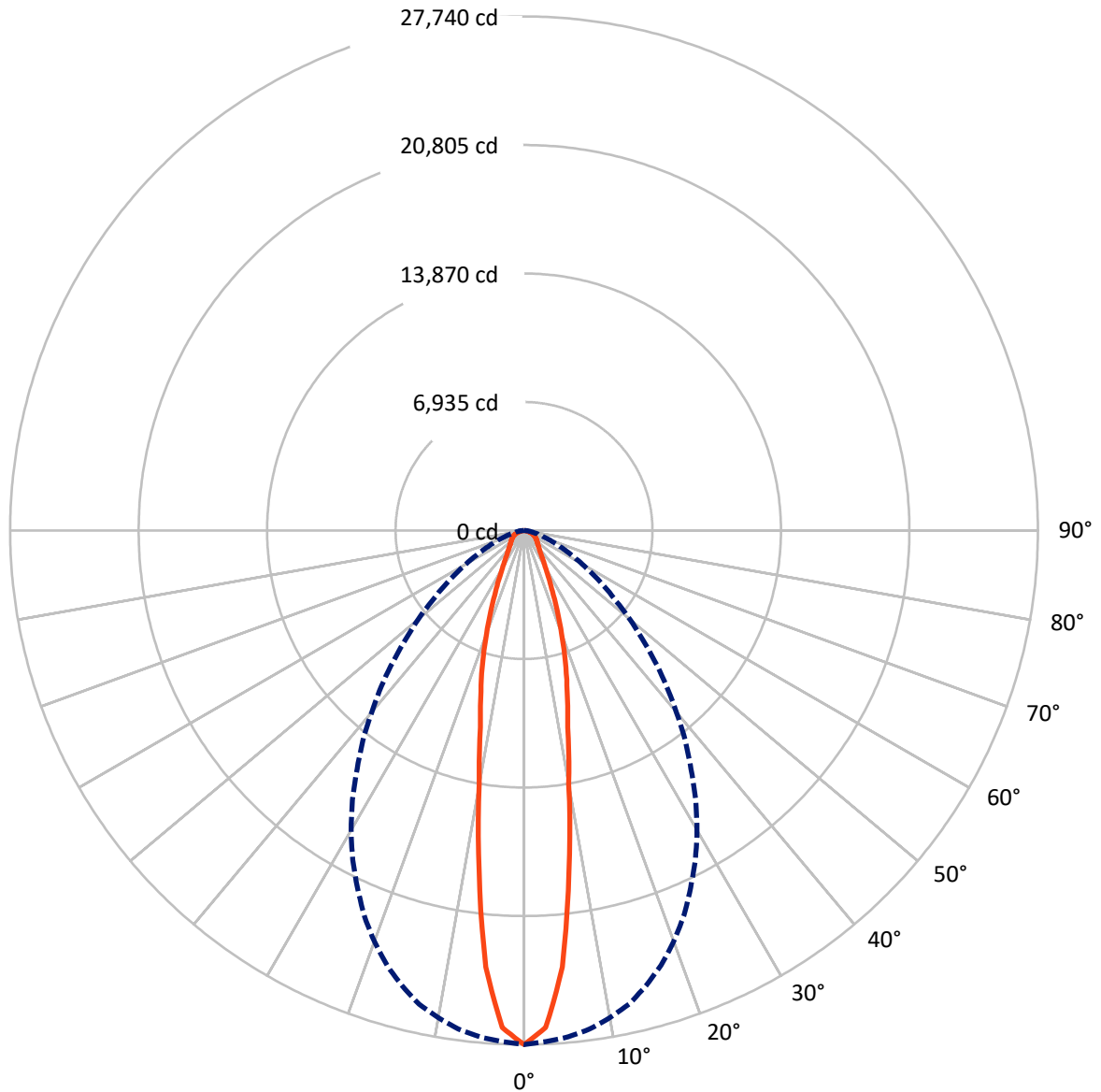
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### Lumen Table

90																			
80	1.0	6.9		13.9		20.1		22.8		20.1		13.9		6.9		1.0			
70																			
60	4.3	4.0	7.0	9.5	11.7	14.1	16.1	17.3	17.3	16.1	14.1	11.7	9.5	7.0	4.0	4.3			
50		6.5	11.3	15.2	18.0	20.7	23.0	24.3	24.3	23.0	20.7	18.0	15.2	11.3	6.5				
40	8.5	9.9	17.2	22.8	26.4	29.1	31.2	32.4	32.4	31.2	29.1	26.4	22.8	17.2	9.9	8.5			
30		14.6	27.6	36.5	42.5	46.9	50.1	51.6	51.6	50.1	46.9	42.5	36.5	27.6	14.6				
20	13.1	20.6	47.0	70.0	84.6	98.1	109.3	115.7	115.7	109.3	98.1	84.6	70.0	47.0	20.6	13.1			
10		27.2	72.4	139.3	200.4	238.8	265.9	281.3	281.3	265.9	238.8	200.4	139.3	72.4	27.2				
0	15.0	31.2	93.0	205.3	355.1	503.7	613.0	670.5	670.5	613.0	503.7	355.1	205.3	93.0	31.2	15.0			
-10		31.2	93.0	205.3	355.1	503.7	613.0	670.5	670.5	613.0	503.7	355.1	205.3	93.0	31.2				
-20	13.1	27.2	72.4	139.3	200.4	238.8	265.9	281.3	281.3	265.9	238.8	200.4	139.3	72.4	27.2	13.1			
-30		20.6	47.0	70.0	84.6	98.1	109.3	115.7	115.7	109.3	98.1	84.6	70.0	47.0	20.6				
-40	8.5	14.6	27.6	36.5	42.5	46.9	50.1	51.6	51.6	50.1	46.9	42.5	36.5	27.6	14.6	8.5			
-50		9.9	17.2	22.8	26.4	29.1	31.2	32.4	32.4	31.2	29.1	26.4	22.8	17.2	9.9				
-60	4.3	6.5	11.3	15.2	18.0	20.7	23.0	24.3	24.3	23.0	20.7	18.0	15.2	11.3	6.5	4.3			
-70		4.0	7.0	9.5	11.7	14.1	16.1	17.3	17.3	16.1	14.1	11.7	9.5	7.0	4.0				
-80	1.0	6.9		13.9		20.1		22.8		20.1		13.9		6.9		1.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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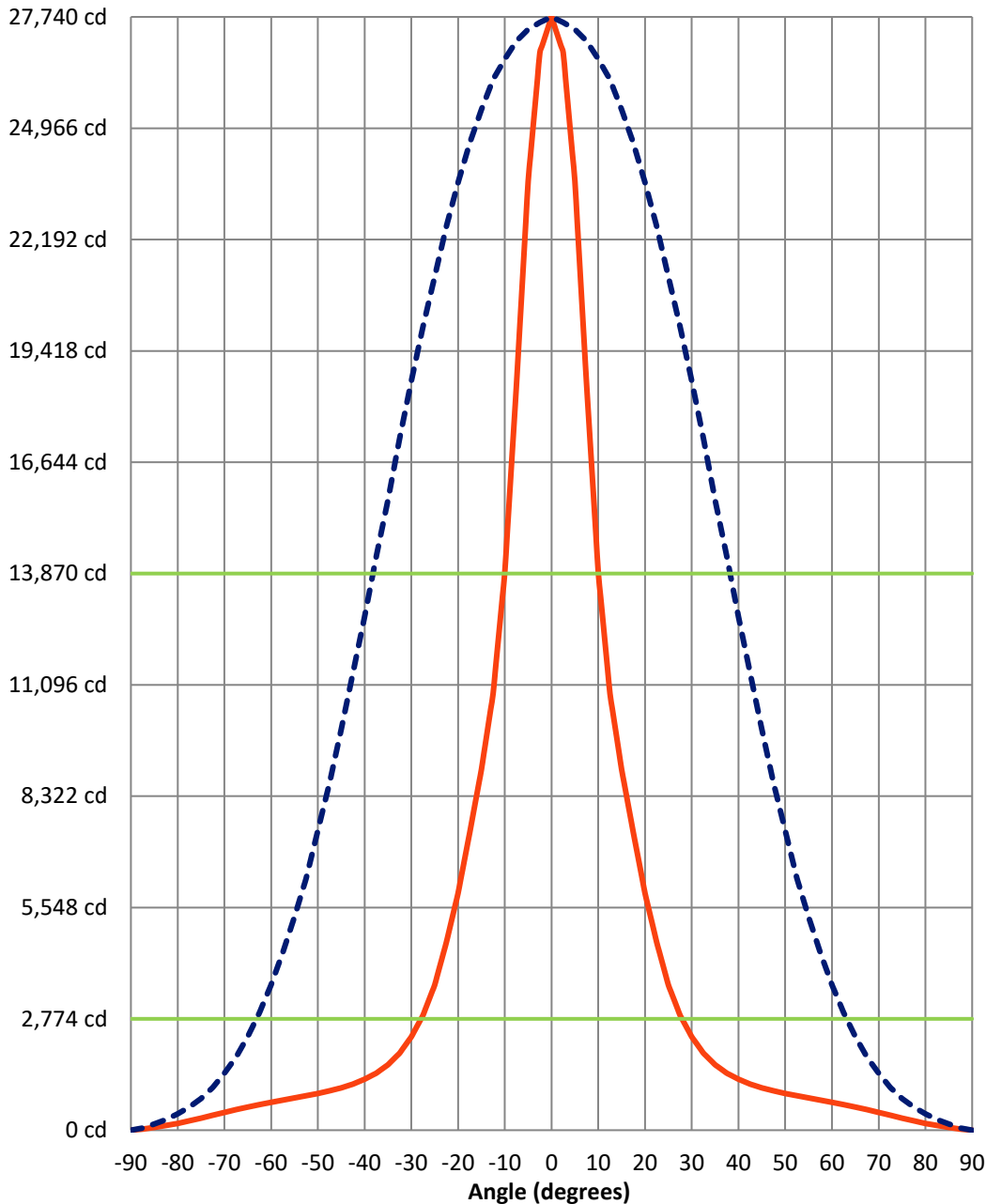
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 7948.6  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 16282.8  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 3583.9  
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 0-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	2.3	4.6	6.6	8.3	9.8	11.1	12.5	13.9	15.2	16.4
85°	0.0	4.6	9.2	13.1	16.6	19.6	22.1	25.1	27.8	30.4	32.7
82.5°	0.0	6.9	13.8	19.7	24.9	29.4	33.2	37.6	42.6	50.8	58.2
80°	0.0	9.2	18.3	26.2	33.1	39.1	45.5	57.8	69.3	79.7	89.2
77.5°	0.0	11.4	22.9	32.7	41.4	52.0	66.9	81.9	95.9	108.6	120.7
75°	0.0	13.7	27.4	39.2	50.9	70.4	88.3	106.0	122.8	139.8	154.4
72.5°	0.0	15.9	31.8	45.6	66.0	88.8	109.6	130.8	152.9	172.0	188.2
70°	0.0	18.1	36.1	53.0	81.1	107.0	131.3	158.4	182.9	204.3	225.3
67.5°	0.0	20.2	40.4	64.5	96.0	125.1	156.0	185.8	213.1	241.1	263.6
65°	0.0	22.4	44.7	75.8	110.7	144.8	180.6	213.2	247.9	278.1	304.7
62.5°	0.0	24.4	48.8	87.0	125.3	166.0	205.2	243.9	282.9	316.8	351.5
60°	0.0	26.4	52.8	98.0	139.7	186.9	229.6	275.9	318.0	360.8	398.6
57.5°	0.0	28.4	60.0	108.8	156.6	207.7	257.2	307.9	357.3	404.9	449.6
55°	0.0	30.3	67.0	119.4	173.3	228.2	285.0	339.8	397.6	450.6	503.4
52.5°	0.0	32.2	73.9	129.7	189.8	248.9	312.4	375.5	437.7	502.4	558.7
50°	0.0	34.0	80.5	139.8	206.0	271.7	339.4	411.9	480.2	555.1	624.4
47.5°	0.0	35.7	87.0	150.1	221.9	293.9	366.7	448.5	528.7	608.6	693.6
45°	0.0	37.4	93.2	161.8	237.3	315.6	398.4	485.1	578.3	673.9	765.2
42.5°	0.0	39.0	99.2	173.1	252.4	336.8	429.7	525.7	627.9	740.7	846.8
40°	0.0	40.5	104.9	183.6	267.9	357.4	460.8	568.6	680.9	808.9	932.6
37.5°	0.0	42.0	110.4	193.4	283.7	377.4	491.5	611.1	741.0	880.3	1021.3
35°	0.0	43.3	115.6	202.6	298.9	400.0	521.7	652.9	800.9	959.4	1117.3
32.5°	0.0	44.6	120.5	211.1	313.5	423.8	552.7	693.9	860.3	1039.5	1222.9
30°	0.0	45.8	125.1	219.0	327.3	446.7	585.8	736.2	919.1	1120.4	1331.0
27.5°	0.0	46.9	129.5	226.3	338.9	468.9	617.8	784.1	980.6	1201.5	1440.9
25°	0.0	47.9	133.5	232.9	349.5	490.1	648.5	830.6	1047.0	1289.8	1552.6
22.5°	0.0	48.9	137.2	238.8	359.3	509.0	677.9	875.5	1112.1	1381.1	1674.6
20°	0.0	49.7	140.6	244.1	368.4	523.4	705.8	918.5	1175.5	1471.1	1795.6
17.5°	0.0	50.5	143.6	248.8	376.6	536.1	726.9	959.5	1236.7	1559.1	1914.7
15°	0.0	51.1	146.3	252.7	383.9	547.0	742.5	991.7	1295.4	1644.4	2030.7
12.5°	0.0	51.6	148.6	256.0	390.2	556.1	756.0	1012.6	1337.4	1726.0	2142.6
10°	0.0	52.1	150.6	258.6	395.7	563.5	767.1	1030.0	1364.3	1764.6	2229.9
7.5°	0.0	52.4	152.2	260.6	400.1	569.2	775.9	1043.7	1386.0	1789.9	2269.5
5°	0.0	52.7	153.4	261.9	403.5	573.2	782.2	1053.7	1402.4	1807.4	2300.1
2.5°	0.0	52.8	154.2	262.6	405.8	575.4	786.2	1060.0	1413.3	1817.3	2321.4
0°	0.0	52.9	154.7	262.6	407.1	576.0	787.7	1062.5	1418.7	1819.7	2332.7
-2.5°	0.0	52.8	154.2	262.6	405.8	575.4	786.2	1060.0	1413.3	1817.3	2321.4
-5°	0.0	52.7	153.4	261.9	403.5	573.2	782.2	1053.7	1402.4	1807.4	2300.1
-7.5°	0.0	52.4	152.2	260.6	400.1	569.2	775.9	1043.7	1386.0	1789.9	2269.5
-10°	0.0	52.1	150.6	258.6	395.7	563.5	767.1	1030.0	1364.3	1764.6	2229.9
-12.5°	0.0	51.6	148.6	256.0	390.2	556.1	756.0	1012.6	1337.4	1726.0	2142.6
-15°	0.0	51.1	146.3	252.7	383.9	547.0	742.5	991.7	1295.4	1644.4	2030.7
-17.5°	0.0	50.5	143.6	248.8	376.6	536.1	726.9	959.5	1236.7	1559.1	1914.7
-20°	0.0	49.7	140.6	244.1	368.4	523.4	705.8	918.5	1175.5	1471.1	1795.6



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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	48.9	137.2	238.8	359.3	509.0	677.9	875.5	1112.1	1381.1	1674.6
-25°	0.0	47.9	133.5	232.9	349.5	490.1	648.5	830.6	1047.0	1289.8	1552.6
-27.5°	0.0	46.9	129.5	226.3	338.9	468.9	617.8	784.1	980.6	1201.5	1440.9
-30°	0.0	45.8	125.1	219.0	327.3	446.7	585.8	736.2	919.1	1120.4	1331.0
-32.5°	0.0	44.6	120.5	211.1	313.5	423.8	552.7	693.9	860.3	1039.5	1222.9
-35°	0.0	43.3	115.6	202.6	298.9	400.0	521.7	652.9	800.9	959.4	1117.3
-37.5°	0.0	42.0	110.4	193.4	283.7	377.4	491.5	611.1	741.0	880.3	1021.3
-40°	0.0	40.5	104.9	183.6	267.9	357.4	460.8	568.6	680.9	808.9	932.6
-42.5°	0.0	39.0	99.2	173.1	252.4	336.8	429.7	525.7	627.9	740.7	846.8
-45°	0.0	37.4	93.2	161.8	237.3	315.6	398.4	485.1	578.3	673.9	765.2
-47.5°	0.0	35.7	87.0	150.1	221.9	293.9	366.7	448.5	528.7	608.6	693.6
-50°	0.0	34.0	80.5	139.8	206.0	271.7	339.4	411.9	480.2	555.1	624.4
-52.5°	0.0	32.2	73.9	129.7	189.8	248.9	312.4	375.5	437.7	502.4	558.7
-55°	0.0	30.3	67.0	119.4	173.3	228.2	285.0	339.8	397.6	450.6	503.4
-57.5°	0.0	28.4	60.0	108.8	156.6	207.7	257.2	307.9	357.3	404.9	449.6
-60°	0.0	26.4	52.8	98.0	139.7	186.9	229.6	275.9	318.0	360.8	398.6
-62.5°	0.0	24.4	48.8	87.0	125.3	166.0	205.2	243.9	282.9	316.8	351.5
-65°	0.0	22.4	44.7	75.8	110.7	144.8	180.6	213.2	247.9	278.1	304.7
-67.5°	0.0	20.2	40.4	64.5	96.0	125.1	156.0	185.8	213.1	241.1	263.6
-70°	0.0	18.1	36.1	53.0	81.1	107.0	131.3	158.4	182.9	204.3	225.3
-72.5°	0.0	15.9	31.8	45.6	66.0	88.8	109.6	130.8	152.9	172.0	188.2
-75°	0.0	13.7	27.4	39.2	50.9	70.4	88.3	106.0	122.8	139.8	154.4
-77.5°	0.0	11.4	22.9	32.7	41.4	52.0	66.9	81.9	95.9	108.6	120.7
-80°	0.0	9.2	18.3	26.2	33.1	39.1	45.5	57.8	69.3	79.7	89.2
-82.5°	0.0	6.9	13.8	19.7	24.9	29.4	33.2	37.6	42.6	50.8	58.2
-85°	0.0	4.6	9.2	13.1	16.6	19.6	22.1	25.1	27.8	30.4	32.7
-87.5°	0.0	2.3	4.6	6.6	8.3	9.8	11.1	12.5	13.9	15.2	16.4
-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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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1985.5	2322.2	2665.1	3023.8	3355.9	3607.8	3799.2	3914.6	3910.8	3794.1	3885.2
-25°	1831.1	2126.9	2415.8	2681.3	2919.6	3091.2	3170.2	3179.3	3056.9	3168.2	3271.8
-27.5°	1686.1	1937.1	2163.8	2359.7	2517.1	2616.9	2619.3	2533.7	2621.1	2695.3	2724.0
-30°	1543.4	1747.4	1926.2	2067.4	2169.1	2199.0	2131.3	2186.8	2263.8	2294.6	2269.9
-32.5°	1402.4	1568.5	1714.4	1814.5	1860.0	1831.9	1848.3	1919.4	1954.2	1939.1	1882.2
-35°	1271.0	1412.6	1522.6	1584.6	1587.3	1585.9	1648.9	1682.8	1685.1	1645.6	1654.5
-37.5°	1153.6	1265.6	1347.3	1383.6	1364.5	1426.4	1466.7	1483.0	1463.8	1442.3	1466.9
-40°	1042.1	1128.2	1194.3	1211.8	1237.0	1283.5	1311.0	1309.5	1278.6	1300.6	1306.3
-42.5°	937.7	1012.8	1056.8	1073.5	1123.5	1157.2	1170.2	1162.1	1161.3	1173.1	1172.9
-45°	847.4	906.2	934.1	975.5	1018.4	1042.6	1050.0	1038.5	1055.4	1060.7	1055.0
-47.5°	761.6	809.8	835.8	882.1	920.4	940.2	941.5	947.8	957.3	959.8	950.8
-50°	682.2	725.0	759.2	799.7	829.2	845.9	846.2	862.1	869.7	867.3	856.9
-52.5°	612.1	646.1	687.5	722.9	747.3	760.1	768.9	781.6	787.5	784.9	783.3
-55°	545.4	579.5	618.3	650.5	672.4	683.1	695.5	706.1	709.7	707.4	715.1
-57.5°	486.5	519.3	553.7	581.4	601.8	613.5	626.8	634.2	637.2	635.3	648.3
-60°	432.3	462.7	492.2	516.8	534.4	548.5	560.7	567.4	568.7	571.7	584.4
-62.5°	380.3	410.0	434.8	455.3	471.7	485.4	496.6	503.0	504.1	511.6	522.6
-65°	331.7	358.5	381.1	399.0	411.5	426.0	436.1	441.0	442.6	452.8	462.4
-67.5°	283.9	309.0	329.3	345.2	357.8	369.5	378.5	384.3	386.8	396.1	403.9
-70°	243.4	261.0	279.2	294.3	305.6	315.2	323.1	328.6	334.1	343.4	350.3
-72.5°	204.2	219.6	233.1	244.7	255.3	263.5	269.5	273.5	279.6	288.8	296.1
-75°	167.0	178.4	189.8	199.8	207.7	213.6	217.8	221.4	227.5	235.3	242.0
-77.5°	131.3	140.6	148.9	156.0	161.8	166.9	170.5	172.7	177.9	183.8	189.0
-80°	96.9	103.0	109.3	114.9	120.3	124.4	127.0	128.0	131.3	135.4	139.6
-82.5°	64.8	70.2	74.6	77.8	81.5	84.8	87.6	90.1	92.6	94.9	97.0
-85°	35.2	37.6	41.7	45.0	48.0	50.7	53.0	54.9	56.8	58.4	59.7
-87.5°	17.6	18.8	19.9	21.0	22.0	22.9	23.7	24.5	25.5	26.5	27.4
-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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 CATALOG NUMBER: GFLD-SA6B-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4035.0	4115.4	4106.0	4138.6	4273.1	4318.1	4359.1	4465.8	4441.5	4538.2	4555.0
-25°	3309.1	3275.8	3295.8	3402.9	3426.6	3399.1	3510.0	3523.0	3568.8	3574.3	3608.3
-27.5°	2691.2	2668.5	2743.0	2775.4	2740.7	2795.0	2834.3	2816.8	2874.4	2840.4	2889.1
-30°	2204.9	2268.9	2300.0	2272.2	2287.1	2316.9	2303.2	2326.3	2337.4	2320.0	2352.9
-32.5°	1926.7	1939.1	1930.1	1914.3	1938.2	1941.3	1913.6	1946.9	1933.4	1938.2	1951.3
-35°	1680.9	1675.3	1633.2	1658.9	1664.2	1647.4	1652.2	1659.5	1635.3	1654.3	1652.3
-37.5°	1470.7	1452.0	1444.2	1450.7	1446.7	1429.0	1443.1	1439.6	1428.5	1441.0	1435.5
-40°	1300.0	1273.8	1288.3	1286.1	1272.4	1270.3	1277.8	1268.0	1269.8	1277.2	1271.5
-42.5°	1156.6	1153.8	1156.4	1151.7	1136.9	1146.4	1147.6	1135.5	1147.6	1152.8	1149.8
-45°	1039.3	1047.8	1046.0	1037.7	1036.4	1044.7	1044.0	1040.7	1050.3	1054.6	1056.0
-47.5°	950.0	954.4	952.2	940.3	950.0	958.2	958.4	962.5	970.9	974.3	976.8
-50°	867.9	871.5	868.7	865.6	876.5	883.0	884.8	894.4	902.5	907.0	911.1
-52.5°	792.1	796.6	793.5	798.7	809.9	816.2	819.3	831.2	840.1	845.8	851.7
-55°	724.0	727.8	726.5	738.9	749.2	756.2	763.4	774.4	783.1	789.5	795.9
-57.5°	657.5	662.3	666.5	679.9	690.9	699.4	709.2	719.6	728.4	735.6	742.6
-60°	593.1	597.9	606.5	619.9	631.3	640.7	651.8	662.5	671.5	679.1	685.9
-62.5°	531.0	536.6	547.9	560.1	570.2	578.8	591.4	602.4	611.6	619.4	625.8
-65°	469.9	475.5	489.1	501.5	512.2	521.1	531.8	541.5	550.2	557.8	564.2
-67.5°	410.8	417.1	429.7	441.0	451.1	460.6	470.6	479.5	487.2	494.2	500.2
-70°	355.4	361.4	371.5	381.3	390.4	399.1	407.6	415.3	422.1	428.7	434.6
-72.5°	301.8	308.2	316.1	323.4	330.2	337.4	344.5	350.7	356.1	361.2	365.7
-75°	247.5	253.6	260.0	265.7	270.8	276.1	281.4	286.3	290.6	294.2	297.0
-77.5°	193.8	199.2	204.3	208.8	212.7	216.4	219.5	222.0	223.8	226.6	229.2
-80°	143.2	148.1	152.5	156.3	159.3	161.5	163.3	164.8	165.9	167.0	167.8
-82.5°	98.7	102.0	105.3	108.4	111.3	112.9	114.0	114.7	115.1	116.1	116.8
-85°	60.6	61.7	62.9	63.9	64.9	66.0	66.9	67.6	68.2	68.1	67.9
-87.5°	28.3	27.9	27.3	26.6	25.8	25.9	25.8	25.8	25.6	25.4	25.1
-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: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4648.4	4647.6	4646.3	4681.6	4646.3	4647.6	4648.4	4555.0	4538.2	4441.5	4465.8
-25°	3652.9	3664.9	3639.4	3617.1	3639.4	3664.9	3652.9	3608.3	3574.3	3568.8	3523.0
-27.5°	2888.1	2904.3	2882.0	2863.9	2882.0	2904.3	2888.1	2889.1	2840.4	2874.4	2816.8
-30°	2332.5	2341.0	2315.7	2326.6	2315.7	2341.0	2332.5	2352.9	2320.0	2337.4	2326.3
-32.5°	1944.8	1945.9	1924.4	1919.5	1924.4	1945.9	1944.8	1951.3	1938.2	1933.4	1946.9
-35°	1646.7	1643.5	1629.3	1630.4	1629.3	1643.5	1646.7	1652.3	1654.3	1635.3	1659.5
-37.5°	1436.4	1434.1	1424.8	1420.8	1424.8	1434.1	1436.4	1435.5	1441.0	1428.5	1439.6
-40°	1276.5	1275.9	1271.7	1270.2	1271.7	1275.9	1276.5	1271.5	1277.2	1269.8	1268.0
-42.5°	1152.6	1150.2	1147.3	1148.0	1147.3	1150.2	1152.6	1149.8	1152.8	1147.6	1135.5
-45°	1058.6	1056.5	1054.2	1054.4	1054.2	1056.5	1058.6	1056.0	1054.6	1050.3	1040.7
-47.5°	980.3	981.0	981.1	981.1	981.1	981.0	980.3	976.8	974.3	970.9	962.5
-50°	914.1	914.4	914.3	913.9	914.3	914.4	914.1	911.1	907.0	902.5	894.4
-52.5°	856.1	858.4	859.3	859.0	859.3	858.4	856.1	851.7	845.8	840.1	831.2
-55°	800.6	803.4	804.5	804.0	804.5	803.4	800.6	795.9	789.5	783.1	774.4
-57.5°	748.1	752.0	751.9	749.1	751.9	752.0	748.1	742.6	735.6	728.4	719.6
-60°	691.3	695.1	695.7	694.1	695.7	695.1	691.3	685.9	679.1	671.5	662.5
-62.5°	630.8	634.3	636.4	637.1	636.4	634.3	630.8	625.8	619.4	611.6	602.4
-65°	569.4	573.3	575.3	576.0	575.3	573.3	569.4	564.2	557.8	550.2	541.5
-67.5°	504.9	508.5	511.2	512.9	511.2	508.5	504.9	500.2	494.2	487.2	479.5
-70°	439.5	443.4	443.3	441.7	443.3	443.4	439.5	434.6	428.7	422.1	415.3
-72.5°	369.5	372.4	373.0	372.5	373.0	372.4	369.5	365.7	361.2	356.1	350.7
-75°	298.8	299.8	299.9	299.2	299.9	299.8	298.8	297.0	294.2	290.6	286.3
-77.5°	231.3	232.8	233.8	234.1	233.8	232.8	231.3	229.2	226.6	223.8	222.0
-80°	168.2	168.2	167.7	166.9	167.7	168.2	168.2	167.8	167.0	165.9	164.8
-82.5°	117.3	117.5	118.0	118.1	118.0	117.5	117.3	116.8	116.1	115.1	114.7
-85°	67.5	66.9	68.1	69.2	68.1	66.9	67.5	67.9	68.1	68.2	67.6
-87.5°	24.7	24.3	25.4	26.5	25.4	24.3	24.7	25.1	25.4	25.6	25.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4359.1	4318.1	4273.1	4138.6	4106.0	4115.4	4035.0	3885.2	3794.1	3910.8	3914.6
-25°	3510.0	3399.1	3426.6	3402.9	3295.8	3275.8	3309.1	3271.8	3168.2	3056.9	3179.3
-27.5°	2834.3	2795.0	2740.7	2775.4	2743.0	2668.5	2691.2	2724.0	2695.3	2621.1	2533.7
-30°	2303.2	2316.9	2287.1	2272.2	2300.0	2268.9	2204.9	2269.9	2294.6	2263.8	2186.8
-32.5°	1913.6	1941.3	1938.2	1914.3	1930.1	1939.1	1926.7	1882.2	1939.1	1954.2	1919.4
-35°	1652.2	1647.4	1664.2	1658.9	1633.2	1675.3	1680.9	1654.5	1645.6	1685.1	1682.8
-37.5°	1443.1	1429.0	1446.7	1450.7	1444.2	1452.0	1470.7	1466.9	1442.3	1463.8	1483.0
-40°	1277.8	1270.3	1272.4	1286.1	1288.3	1273.8	1300.0	1306.3	1300.6	1278.6	1309.5
-42.5°	1147.6	1146.4	1136.9	1151.7	1156.4	1153.8	1156.6	1172.9	1173.1	1161.3	1162.1
-45°	1044.0	1044.7	1036.4	1037.7	1046.0	1047.8	1039.3	1055.0	1060.7	1055.4	1038.5
-47.5°	958.4	958.2	950.0	940.3	952.2	954.4	950.0	950.8	959.8	957.3	947.8
-50°	884.8	883.0	876.5	865.6	868.7	871.5	867.9	856.9	867.3	869.7	862.1
-52.5°	819.3	816.2	809.9	798.7	793.5	796.6	792.1	783.3	784.9	787.5	781.6
-55°	763.4	756.2	749.2	738.9	726.5	727.8	724.0	715.1	707.4	709.7	706.1
-57.5°	709.2	699.4	690.9	679.9	666.5	662.3	657.5	648.3	635.3	637.2	634.2
-60°	651.8	640.7	631.3	619.9	606.5	597.9	593.1	584.4	571.7	568.7	567.4
-62.5°	591.4	578.8	570.2	560.1	547.9	536.6	531.0	522.6	511.6	504.1	503.0
-65°	531.8	521.1	512.2	501.5	489.1	475.5	469.9	462.4	452.8	442.6	441.0
-67.5°	470.6	460.6	451.1	441.0	429.7	417.1	410.8	403.9	396.1	386.8	384.3
-70°	407.6	399.1	390.4	381.3	371.5	361.4	355.4	350.3	343.4	334.1	328.6
-72.5°	344.5	337.4	330.2	323.4	316.1	308.2	301.8	296.1	288.8	279.6	273.5
-75°	281.4	276.1	270.8	265.7	260.0	253.6	247.5	242.0	235.3	227.5	221.4
-77.5°	219.5	216.4	212.7	208.8	204.3	199.2	193.8	189.0	183.8	177.9	172.7
-80°	163.3	161.5	159.3	156.3	152.5	148.1	143.2	139.6	135.4	131.3	128.0
-82.5°	114.0	112.9	111.3	108.4	105.3	102.0	98.7	97.0	94.9	92.6	90.1
-85°	66.9	66.0	64.9	63.9	62.9	61.7	60.6	59.7	58.4	56.8	54.9
-87.5°	25.8	25.9	25.8	26.6	27.3	27.9	28.3	27.4	26.5	25.5	24.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0







REPORT NUMBER: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	3799.2	3607.8	3355.9	3023.8	2665.1	2322.2	1985.5	1674.6	1381.1	1112.1	875.5
-25°	3170.2	3091.2	2919.6	2681.3	2415.8	2126.9	1831.1	1552.6	1289.8	1047.0	830.6
-27.5°	2619.3	2616.9	2517.1	2359.7	2163.8	1937.1	1686.1	1440.9	1201.5	980.6	784.1
-30°	2131.3	2199.0	2169.1	2067.4	1926.2	1747.4	1543.4	1331.0	1120.4	919.1	736.2
-32.5°	1848.3	1831.9	1860.0	1814.5	1714.4	1568.5	1402.4	1222.9	1039.5	860.3	693.9
-35°	1648.9	1585.9	1587.3	1584.6	1522.6	1412.6	1271.0	1117.3	959.4	800.9	652.9
-37.5°	1466.7	1426.4	1364.5	1383.6	1347.3	1265.6	1153.6	1021.3	880.3	741.0	611.1
-40°	1311.0	1283.5	1237.0	1211.8	1194.3	1128.2	1042.1	932.6	808.9	680.9	568.6
-42.5°	1170.2	1157.2	1123.5	1073.5	1056.8	1012.8	937.7	846.8	740.7	627.9	525.7
-45°	1050.0	1042.6	1018.4	975.5	934.1	906.2	847.4	765.2	673.9	578.3	485.1
-47.5°	941.5	940.2	920.4	882.1	835.8	809.8	761.6	693.6	608.6	528.7	448.5
-50°	846.2	845.9	829.2	799.7	759.2	725.0	682.2	624.4	555.1	480.2	411.9
-52.5°	768.9	760.1	747.3	722.9	687.5	646.1	612.1	558.7	502.4	437.7	375.5
-55°	695.5	683.1	672.4	650.5	618.3	579.5	545.4	503.4	450.6	397.6	339.8
-57.5°	626.8	613.5	601.8	581.4	553.7	519.3	486.5	449.6	404.9	357.3	307.9
-60°	560.7	548.5	534.4	516.8	492.2	462.7	432.3	398.6	360.8	318.0	275.9
-62.5°	496.6	485.4	471.7	455.3	434.8	410.0	380.3	351.5	316.8	282.9	243.9
-65°	436.1	426.0	411.5	399.0	381.1	358.5	331.7	304.7	278.1	247.9	213.2
-67.5°	378.5	369.5	357.8	345.2	329.3	309.0	283.9	263.6	241.1	213.1	185.8
-70°	323.1	315.2	305.6	294.3	279.2	261.0	243.4	225.3	204.3	182.9	158.4
-72.5°	269.5	263.5	255.3	244.7	233.1	219.6	204.2	188.2	172.0	152.9	130.8
-75°	217.8	213.6	207.7	199.8	189.8	178.4	167.0	154.4	139.8	122.8	106.0
-77.5°	170.5	166.9	161.8	156.0	148.9	140.6	131.3	120.7	108.6	95.9	81.9
-80°	127.0	124.4	120.3	114.9	109.3	103.0	96.9	89.2	79.7	69.3	57.8
-82.5°	87.6	84.8	81.5	77.8	74.6	70.2	64.8	58.2	50.8	42.6	37.6
-85°	53.0	50.7	48.0	45.0	41.7	37.6	35.2	32.7	30.4	27.8	25.1
-87.5°	23.7	22.9	22.0	21.0	19.9	18.8	17.6	16.4	15.2	13.9	12.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	11.1	9.8	8.3	6.6	4.6	2.3	0.0
85°	22.1	19.6	16.6	13.1	9.2	4.6	0.0
82.5°	33.2	29.4	24.9	19.7	13.8	6.9	0.0
80°	45.5	39.1	33.1	26.2	18.3	9.2	0.0
77.5°	66.9	52.0	41.4	32.7	22.9	11.4	0.0
75°	88.3	70.4	50.9	39.2	27.4	13.7	0.0
72.5°	109.6	88.8	66.0	45.6	31.8	15.9	0.0
70°	131.3	107.0	81.1	53.0	36.1	18.1	0.0
67.5°	156.0	125.1	96.0	64.5	40.4	20.2	0.0
65°	180.6	144.8	110.7	75.8	44.7	22.4	0.0
62.5°	205.2	166.0	125.3	87.0	48.8	24.4	0.0
60°	229.6	186.9	139.7	98.0	52.8	26.4	0.0
57.5°	257.2	207.7	156.6	108.8	60.0	28.4	0.0
55°	285.0	228.2	173.3	119.4	67.0	30.3	0.0
52.5°	312.4	248.9	189.8	129.7	73.9	32.2	0.0
50°	339.4	271.7	206.0	139.8	80.5	34.0	0.0
47.5°	366.7	293.9	221.9	150.1	87.0	35.7	0.0
45°	398.4	315.6	237.3	161.8	93.2	37.4	0.0
42.5°	429.7	336.8	252.4	173.1	99.2	39.0	0.0
40°	460.8	357.4	267.9	183.6	104.9	40.5	0.0
37.5°	491.5	377.4	283.7	193.4	110.4	42.0	0.0
35°	521.7	400.0	298.9	202.6	115.6	43.3	0.0
32.5°	552.7	423.8	313.5	211.1	120.5	44.6	0.0
30°	585.8	446.7	327.3	219.0	125.1	45.8	0.0
27.5°	617.8	468.9	338.9	226.3	129.5	46.9	0.0
25°	648.5	490.1	349.5	232.9	133.5	47.9	0.0
22.5°	677.9	509.0	359.3	238.8	137.2	48.9	0.0
20°	705.8	523.4	368.4	244.1	140.6	49.7	0.0
17.5°	726.9	536.1	376.6	248.8	143.6	50.5	0.0
15°	742.5	547.0	383.9	252.7	146.3	51.1	0.0
12.5°	756.0	556.1	390.2	256.0	148.6	51.6	0.0
10°	767.1	563.5	395.7	258.6	150.6	52.1	0.0
7.5°	775.9	569.2	400.1	260.6	152.2	52.4	0.0
5°	782.2	573.2	403.5	261.9	153.4	52.7	0.0
2.5°	786.2	575.4	405.8	262.6	154.2	52.8	0.0
0°	787.7	576.0	407.1	262.6	154.7	52.9	0.0
-2.5°	786.2	575.4	405.8	262.6	154.2	52.8	0.0
-5°	782.2	573.2	403.5	261.9	153.4	52.7	0.0
-7.5°	775.9	569.2	400.1	260.6	152.2	52.4	0.0
-10°	767.1	563.5	395.7	258.6	150.6	52.1	0.0
-12.5°	756.0	556.1	390.2	256.0	148.6	51.6	0.0
-15°	742.5	547.0	383.9	252.7	146.3	51.1	0.0
-17.5°	726.9	536.1	376.6	248.8	143.6	50.5	0.0
-20°	705.8	523.4	368.4	244.1	140.6	49.7	0.0



REPORT NUMBER: P559158 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	677.9	509.0	359.3	238.8	137.2	48.9	0.0
-25°	648.5	490.1	349.5	232.9	133.5	47.9	0.0
-27.5°	617.8	468.9	338.9	226.3	129.5	46.9	0.0
-30°	585.8	446.7	327.3	219.0	125.1	45.8	0.0
-32.5°	552.7	423.8	313.5	211.1	120.5	44.6	0.0
-35°	521.7	400.0	298.9	202.6	115.6	43.3	0.0
-37.5°	491.5	377.4	283.7	193.4	110.4	42.0	0.0
-40°	460.8	357.4	267.9	183.6	104.9	40.5	0.0
-42.5°	429.7	336.8	252.4	173.1	99.2	39.0	0.0
-45°	398.4	315.6	237.3	161.8	93.2	37.4	0.0
-47.5°	366.7	293.9	221.9	150.1	87.0	35.7	0.0
-50°	339.4	271.7	206.0	139.8	80.5	34.0	0.0
-52.5°	312.4	248.9	189.8	129.7	73.9	32.2	0.0
-55°	285.0	228.2	173.3	119.4	67.0	30.3	0.0
-57.5°	257.2	207.7	156.6	108.8	60.0	28.4	0.0
-60°	229.6	186.9	139.7	98.0	52.8	26.4	0.0
-62.5°	205.2	166.0	125.3	87.0	48.8	24.4	0.0
-65°	180.6	144.8	110.7	75.8	44.7	22.4	0.0
-67.5°	156.0	125.1	96.0	64.5	40.4	20.2	0.0
-70°	131.3	107.0	81.1	53.0	36.1	18.1	0.0
-72.5°	109.6	88.8	66.0	45.6	31.8	15.9	0.0
-75°	88.3	70.4	50.9	39.2	27.4	13.7	0.0
-77.5°	66.9	52.0	41.4	32.7	22.9	11.4	0.0
-80°	45.5	39.1	33.1	26.2	18.3	9.2	0.0
-82.5°	33.2	29.4	24.9	19.7	13.8	6.9	0.0
-85°	22.1	19.6	16.6	13.1	9.2	4.6	0.0
-87.5°	11.1	9.8	8.3	6.6	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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