

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: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-735-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N75  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

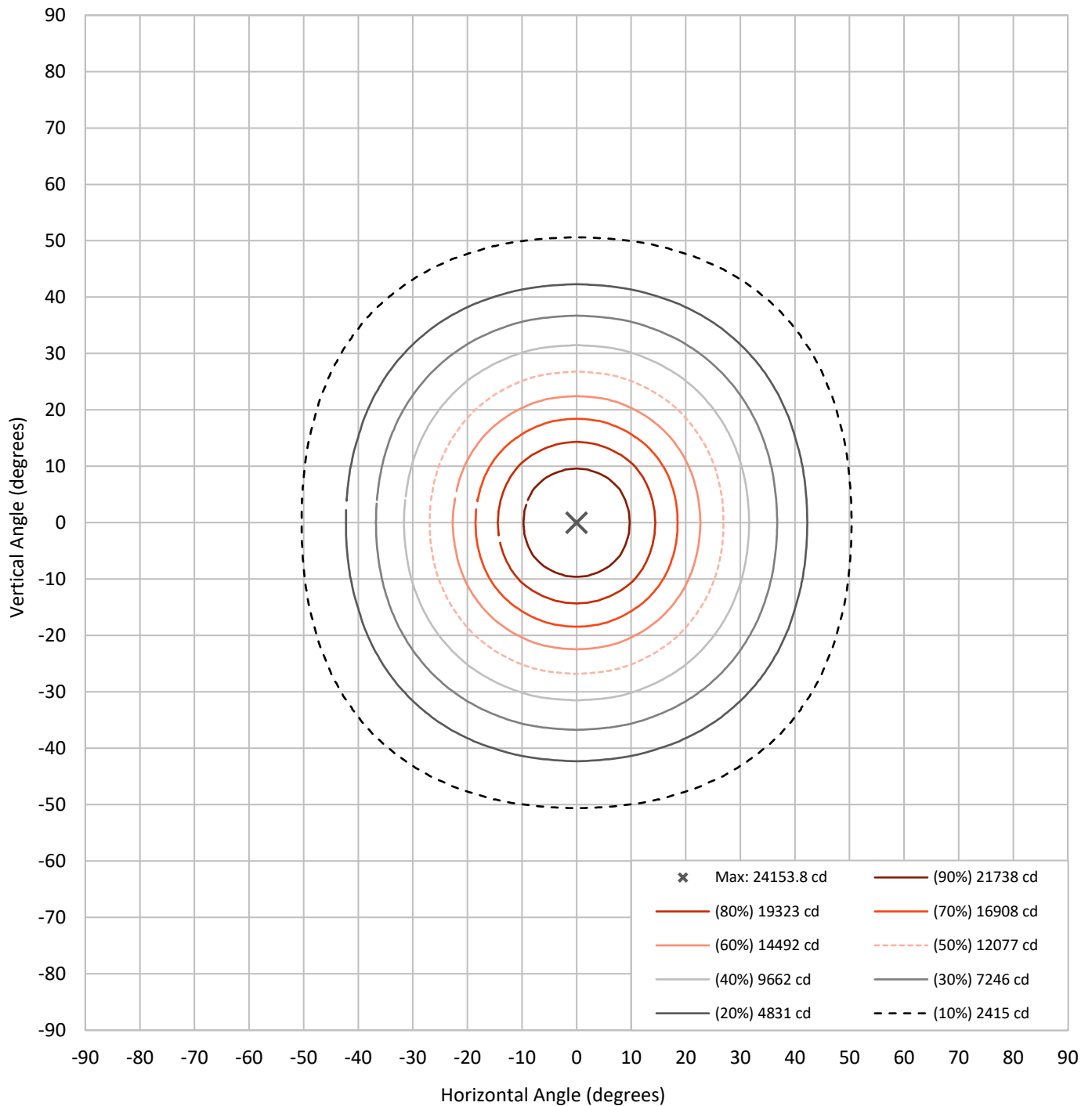
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24582.8 lumens	Max Intensity:	24153.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	11754 lumens	Field Lumens:	21695.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	185.2		
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





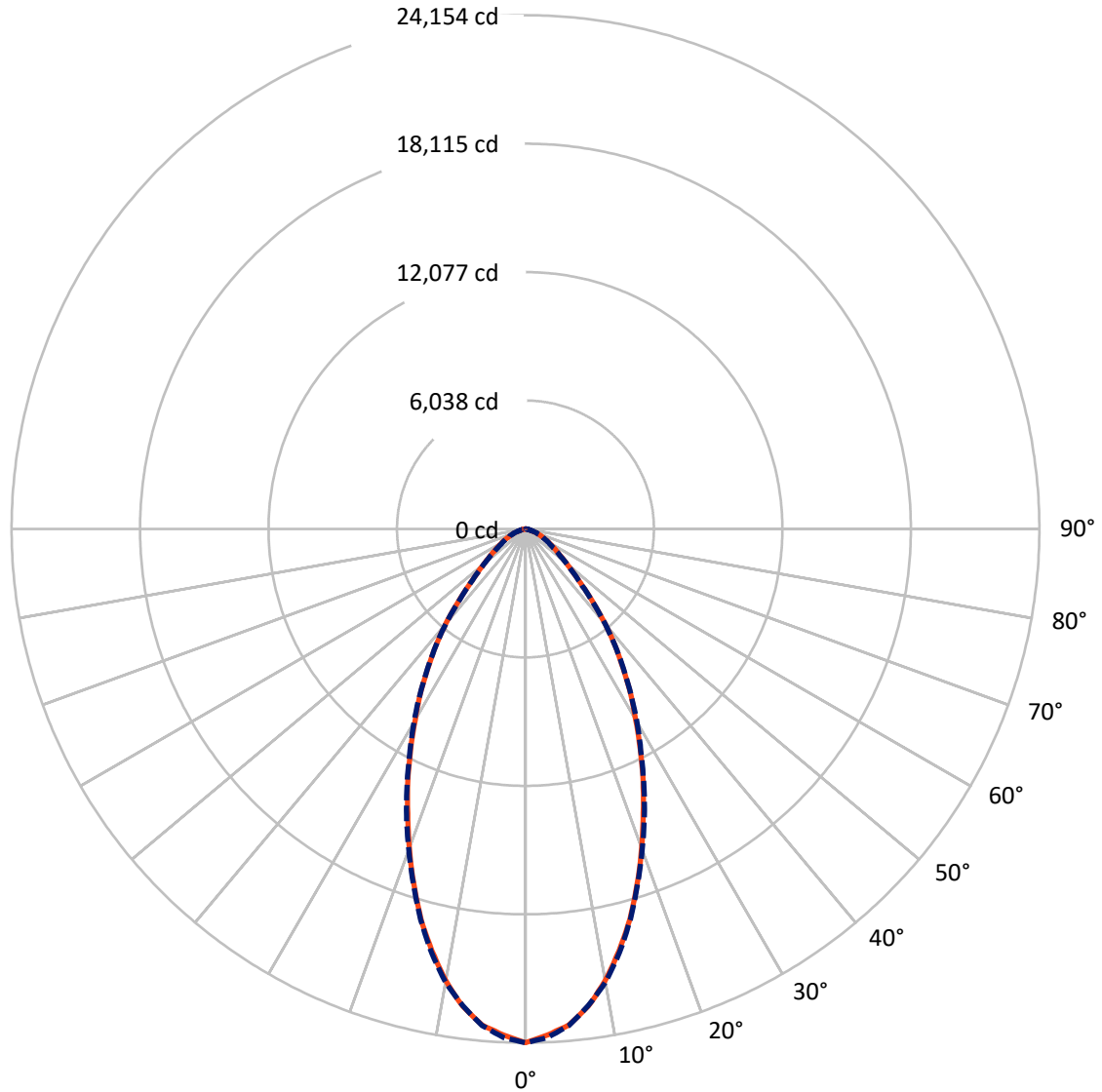
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### Lumen Table

90																
80	0.9	6.8		15.5		25.7		22.0		25.7		15.5		6.8		0.9
70																
60	3.2	3.7	7.0	11.3	16.4	21.3	25.0	26.7	26.7	25.0	21.3	16.4	11.3	7.0	3.7	3.2
50		5.3	10.7	18.5	28.3	38.9	48.6	54.1	54.1	48.6	38.9	28.3	18.5	10.7	5.3	
40	4.7	6.8	14.7	27.5	46.4	71.4	98.4	116.4	116.4	98.4	71.4	46.4	27.5	14.7	6.8	4.7
30		8.2	19.3	40.0	77.9	138.3	201.0	238.4	238.4	201.0	138.3	77.9	40.0	19.3	8.2	
20	5.6	9.6	24.0	56.0	126.0	226.4	324.0	387.3	387.3	324.0	226.4	126.0	56.0	24.0	9.6	5.6
10		10.7	28.2	72.7	171.9	305.7	451.4	555.3	555.3	451.4	305.7	171.9	72.7	28.2	10.7	
0	5.8	11.2	30.6	83.4	197.9	355.5	540.9	680.2	680.2	540.9	355.5	197.9	83.4	30.6	11.2	5.8
-10		11.2	30.6	83.4	197.9	355.5	540.9	680.2	680.2	540.9	355.5	197.9	83.4	30.6	11.2	
-20	5.6	10.7	28.2	72.7	171.9	305.7	451.4	555.3	555.3	451.4	305.7	171.9	72.7	28.2	10.7	5.6
-30		9.6	24.0	56.0	126.0	226.4	324.0	387.3	387.3	324.0	226.4	126.0	56.0	24.0	9.6	
-40	4.7	8.2	19.3	40.0	77.9	138.3	201.0	238.4	238.4	201.0	138.3	77.9	40.0	19.3	8.2	4.7
-50		6.8	14.7	27.5	46.4	71.4	98.4	116.4	116.4	98.4	71.4	46.4	27.5	14.7	6.8	
-60	3.2	5.3	10.7	18.5	28.3	38.9	48.6	54.1	54.1	48.6	38.9	28.3	18.5	10.7	5.3	3.2
-70		3.7	7.0	11.3	16.4	21.3	25.0	26.7	26.7	25.0	21.3	16.4	11.3	7.0	3.7	
-80																
-90	0.9	6.8		15.5		25.7		22.0		25.7		15.5		6.8		0.9
Horizontal Angle (degrees)																

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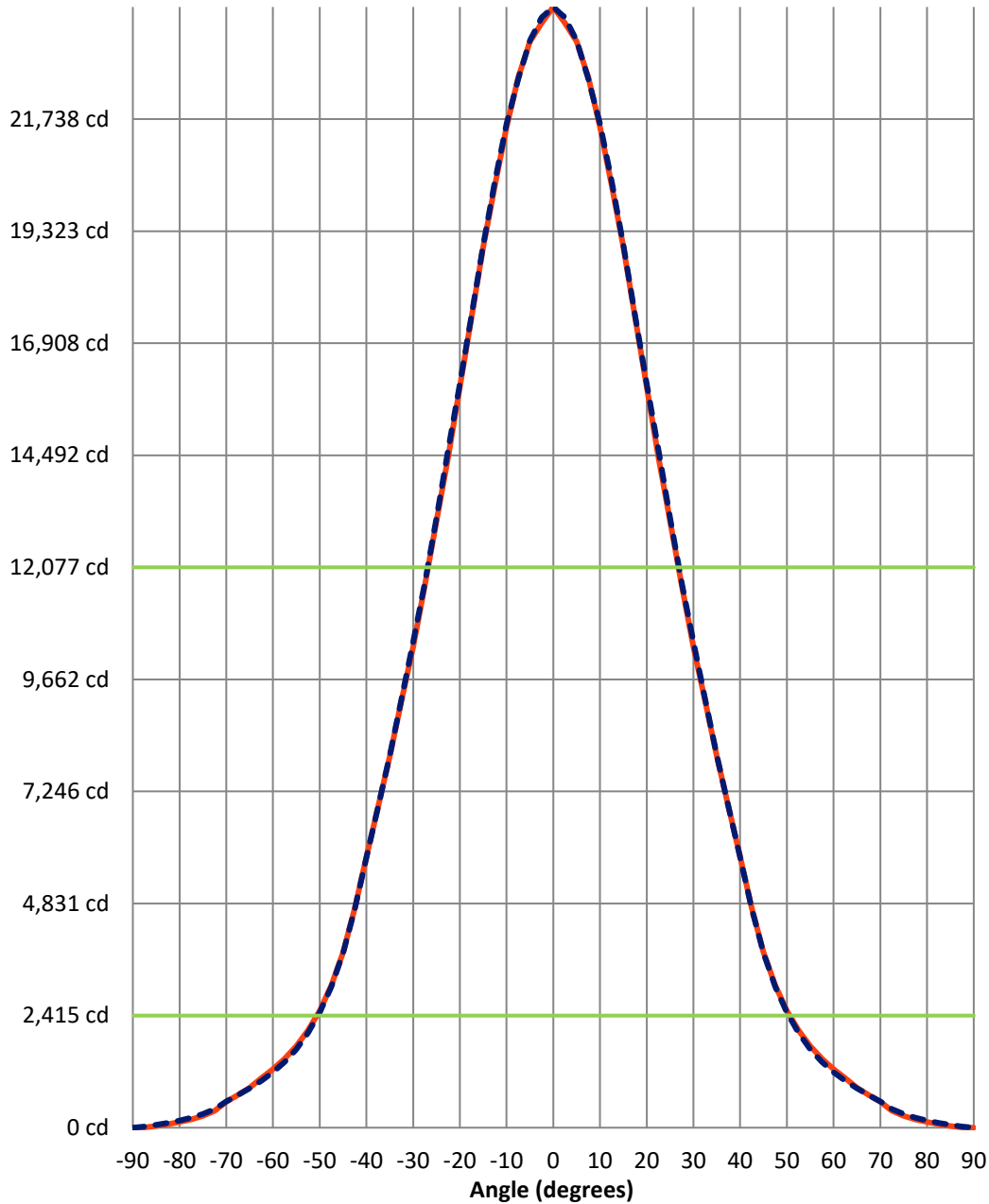
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 11754  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 21695.2  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 2887.6  
 Efficiency: 11.7%

- 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	1.2	2.8	4.6	6.7	9.0	11.5	12.7	13.7	14.5	15.1
85°	0.0	2.5	5.6	9.2	13.3	17.9	22.9	25.4	27.4	29.1	30.3
82.5°	0.0	3.7	8.4	13.8	19.9	26.7	34.3	38.1	42.0	48.7	54.6
80°	0.0	4.9	11.2	18.3	26.4	35.5	46.5	57.8	67.6	76.4	84.2
77.5°	0.0	6.1	13.9	22.8	32.8	46.1	66.4	81.0	93.2	104.1	115.0
75°	0.0	7.2	16.6	27.2	39.8	60.3	85.8	104.2	118.8	133.7	149.6
72.5°	0.0	8.4	19.2	31.5	49.3	74.1	104.5	126.9	144.5	163.5	183.6
70°	0.0	9.5	21.8	36.0	58.4	87.3	122.2	148.3	169.8	192.7	219.8
67.5°	0.0	10.6	24.3	41.6	67.2	99.9	137.6	169.3	194.5	223.0	255.4
65°	0.0	11.7	26.7	46.9	75.6	111.5	152.3	189.9	218.9	252.2	289.2
62.5°	0.0	12.8	29.0	52.0	83.4	122.1	166.1	209.3	242.4	280.2	320.5
60°	0.0	13.8	31.2	56.8	90.8	132.1	179.1	227.8	264.7	307.2	351.0
57.5°	0.0	14.8	33.9	61.2	97.6	141.3	190.8	244.4	287.3	333.3	379.0
55°	0.0	15.7	36.6	65.4	104.0	149.9	201.6	257.6	309.4	358.4	405.9
52.5°	0.0	16.6	39.1	69.1	109.8	157.7	211.5	272.1	330.6	382.3	432.1
50°	0.0	17.5	41.5	72.5	115.1	164.9	220.4	285.6	351.1	405.6	460.9
47.5°	0.0	18.3	43.8	75.7	119.9	171.4	228.8	297.9	371.4	428.3	489.2
45°	0.0	19.0	46.0	78.7	124.0	177.1	238.2	309.0	385.9	452.8	516.5
42.5°	0.0	19.7	48.0	81.5	127.6	182.1	246.5	319.9	399.1	476.4	544.8
40°	0.0	20.4	49.9	84.5	130.9	186.3	253.8	330.4	412.3	498.3	572.2
37.5°	0.0	21.0	51.7	87.5	133.8	189.7	260.1	340.0	426.7	515.6	598.1
35°	0.0	21.6	53.4	90.3	136.1	193.6	265.3	348.5	440.4	534.7	624.7
32.5°	0.0	22.1	54.9	92.8	137.9	197.3	270.1	355.9	453.6	554.1	651.9
30°	0.0	22.5	56.3	95.1	139.2	200.2	275.4	363.1	465.9	573.6	677.5
27.5°	0.0	22.9	57.5	97.2	142.2	202.2	279.8	372.1	478.9	593.2	701.5
25°	0.0	23.3	58.6	98.9	145.0	203.4	283.1	380.2	493.4	612.4	724.0
22.5°	0.0	23.6	59.6	100.5	147.5	205.0	285.5	387.3	507.2	630.1	748.5
20°	0.0	23.8	60.4	101.7	149.7	208.7	286.9	393.2	520.2	645.9	770.4
17.5°	0.0	24.0	61.0	102.7	151.5	211.8	290.1	398.1	532.1	660.0	789.7
15°	0.0	24.1	61.5	103.4	152.9	214.2	294.0	402.7	542.9	672.0	806.3
12.5°	0.0	24.2	61.9	103.9	154.0	215.9	296.8	406.8	552.0	682.1	820.1
10°	0.0	24.3	62.1	104.1	154.7	217.0	298.5	409.1	559.1	690.5	831.3
7.5°	0.0	24.2	62.2	104.0	155.0	217.5	299.2	409.6	564.1	696.9	840.0
5°	0.0	24.2	62.1	103.7	154.9	217.3	298.9	408.4	566.8	701.3	845.7
2.5°	0.0	24.1	61.9	103.2	154.5	216.5	297.6	405.6	567.1	703.5	848.5
0°	0.0	23.9	61.5	102.4	153.6	215.1	295.3	401.2	565.0	703.3	848.4
-2.5°	0.0	24.1	61.9	103.2	154.5	216.5	297.6	405.6	567.1	703.5	848.5
-5°	0.0	24.2	62.1	103.7	154.9	217.3	298.9	408.4	566.8	701.3	845.7
-7.5°	0.0	24.2	62.2	104.0	155.0	217.5	299.2	409.6	564.1	696.9	840.0
-10°	0.0	24.3	62.1	104.1	154.7	217.0	298.5	409.1	559.1	690.5	831.3
-12.5°	0.0	24.2	61.9	103.9	154.0	215.9	296.8	406.8	552.0	682.1	820.1
-15°	0.0	24.1	61.5	103.4	152.9	214.2	294.0	402.7	542.9	672.0	806.3
-17.5°	0.0	24.0	61.0	102.7	151.5	211.8	290.1	398.1	532.1	660.0	789.7
-20°	0.0	23.8	60.4	101.7	149.7	208.7	286.9	393.2	520.2	645.9	770.4

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CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.6	59.6	100.5	147.5	205.0	285.5	387.3	507.2	630.1	748.5
-25°	0.0	23.3	58.6	98.9	145.0	203.4	283.1	380.2	493.4	612.4	724.0
-27.5°	0.0	22.9	57.5	97.2	142.2	202.2	279.8	372.1	478.9	593.2	701.5
-30°	0.0	22.5	56.3	95.1	139.2	200.2	275.4	363.1	465.9	573.6	677.5
-32.5°	0.0	22.1	54.9	92.8	137.9	197.3	270.1	355.9	453.6	554.1	651.9
-35°	0.0	21.6	53.4	90.3	136.1	193.6	265.3	348.5	440.4	534.7	624.7
-37.5°	0.0	21.0	51.7	87.5	133.8	189.7	260.1	340.0	426.7	515.6	598.1
-40°	0.0	20.4	49.9	84.5	130.9	186.3	253.8	330.4	412.3	498.3	572.2
-42.5°	0.0	19.7	48.0	81.5	127.6	182.1	246.5	319.9	399.1	476.4	544.8
-45°	0.0	19.0	46.0	78.7	124.0	177.1	238.2	309.0	385.9	452.8	516.5
-47.5°	0.0	18.3	43.8	75.7	119.9	171.4	228.8	297.9	371.4	428.3	489.2
-50°	0.0	17.5	41.5	72.5	115.1	164.9	220.4	285.6	351.1	405.6	460.9
-52.5°	0.0	16.6	39.1	69.1	109.8	157.7	211.5	272.1	330.6	382.3	432.1
-55°	0.0	15.7	36.6	65.4	104.0	149.9	201.6	257.6	309.4	358.4	405.9
-57.5°	0.0	14.8	33.9	61.2	97.6	141.3	190.8	244.4	287.3	333.3	379.0
-60°	0.0	13.8	31.2	56.8	90.8	132.1	179.1	227.8	264.7	307.2	351.0
-62.5°	0.0	12.8	29.0	52.0	83.4	122.1	166.1	209.3	242.4	280.2	320.5
-65°	0.0	11.7	26.7	46.9	75.6	111.5	152.3	189.9	218.9	252.2	289.2
-67.5°	0.0	10.6	24.3	41.6	67.2	99.9	137.6	169.3	194.5	223.0	255.4
-70°	0.0	9.5	21.8	36.0	58.4	87.3	122.2	148.3	169.8	192.7	219.8
-72.5°	0.0	8.4	19.2	31.5	49.3	74.1	104.5	126.9	144.5	163.5	183.6
-75°	0.0	7.2	16.6	27.2	39.8	60.3	85.8	104.2	118.8	133.7	149.6
-77.5°	0.0	6.1	13.9	22.8	32.8	46.1	66.4	81.0	93.2	104.1	115.0
-80°	0.0	4.9	11.2	18.3	26.4	35.5	46.5	57.8	67.6	76.4	84.2
-82.5°	0.0	3.7	8.4	13.8	19.9	26.7	34.3	38.1	42.0	48.7	54.6
-85°	0.0	2.5	5.6	9.2	13.3	17.9	22.9	25.4	27.4	29.1	30.3
-87.5°	0.0	1.2	2.8	4.6	6.7	9.0	11.5	12.7	13.7	14.5	15.1
-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°	15.4	15.4	15.1	14.7	14.0	13.2	12.1	10.9	11.4	11.8	12.2
85°	30.8	30.8	33.3	35.7	36.8	37.0	36.2	34.7	39.2	44.3	49.8
82.5°	60.1	65.3	70.2	74.9	75.4	74.2	71.9	69.2	78.3	89.4	100.9
80°	92.1	99.8	108.7	116.9	118.9	118.1	115.5	111.3	123.3	140.3	158.7
77.5°	127.8	140.0	151.4	161.9	164.9	164.5	162.5	159.2	174.5	198.1	222.6
75°	165.5	180.3	195.0	207.8	213.3	213.8	213.2	216.8	236.9	264.5	288.8
72.5°	204.8	223.6	240.1	254.3	263.2	269.9	278.8	289.8	310.1	337.2	361.1
70°	246.3	267.2	284.7	300.4	313.9	328.6	347.5	366.3	387.7	414.8	439.6
67.5°	287.3	308.5	328.1	347.5	372.1	395.8	419.3	443.8	470.8	499.2	524.3
65°	325.3	349.2	373.2	401.2	433.3	460.1	489.1	521.0	556.4	588.4	617.5
62.5°	361.7	388.7	418.4	452.3	487.0	520.6	559.5	600.4	641.8	681.9	721.7
60°	392.5	426.1	462.1	500.4	540.5	586.2	631.8	680.5	729.9	778.2	827.4
57.5°	422.1	463.6	505.2	549.8	599.8	652.0	706.7	761.5	820.6	879.1	935.0
55°	452.8	501.8	549.0	601.9	659.2	720.5	782.3	848.8	914.0	987.6	1055.6
52.5°	485.6	538.9	594.4	654.9	721.8	790.9	863.4	939.6	1020.9	1102.7	1185.7
50°	517.6	577.7	639.5	711.8	786.7	865.6	949.3	1038.1	1132.8	1227.5	1327.9
47.5°	551.1	615.2	690.7	769.3	854.9	944.8	1039.7	1145.2	1250.4	1369.7	1484.8
45°	584.1	657.8	739.7	831.0	925.1	1026.3	1139.1	1255.1	1389.4	1524.0	1675.4
42.5°	615.8	700.8	793.2	890.8	997.9	1114.2	1239.0	1384.9	1536.3	1703.0	1880.6
40°	652.2	741.9	846.0	955.1	1071.1	1204.1	1354.3	1516.2	1700.9	1898.4	2100.1
37.5°	687.5	788.2	898.1	1016.4	1151.0	1300.8	1466.6	1665.1	1878.2	2102.7	2377.2
35°	720.6	832.3	951.7	1081.3	1227.1	1400.7	1599.0	1818.3	2063.9	2353.4	2673.7
32.5°	755.8	874.1	1002.3	1147.7	1312.8	1502.4	1727.6	1985.8	2276.4	2606.1	3006.8
30°	791.2	917.1	1052.6	1209.9	1393.6	1613.0	1868.9	2154.2	2488.5	2902.1	3372.5
27.5°	824.0	957.3	1105.7	1275.8	1472.1	1714.9	2004.6	2339.1	2732.9	3200.3	3749.8
25°	854.1	993.9	1154.5	1338.6	1558.7	1825.0	2139.2	2509.5	2977.5	3534.8	4210.8
22.5°	882.8	1027.3	1198.6	1395.0	1636.8	1931.6	2285.2	2708.9	3226.2	3851.7	4662.4
20°	909.8	1063.3	1242.4	1449.0	1706.4	2027.8	2419.4	2895.1	3483.8	4224.2	5105.3
17.5°	933.4	1095.1	1283.8	1507.4	1784.2	2125.6	2546.0	3059.5	3713.0	4556.9	5513.9
15°	953.8	1122.5	1319.7	1558.0	1854.2	2222.8	2678.8	3239.7	3952.2	4859.5	5872.7
12.5°	970.7	1145.4	1349.8	1600.5	1913.0	2305.0	2792.3	3400.3	4185.1	5144.4	6187.7
10°	984.2	1163.8	1374.1	1634.9	1960.5	2371.7	2885.8	3531.7	4378.9	5388.7	6454.2
7.5°	995.5	1178.2	1392.7	1660.9	1996.3	2422.7	2958.6	3633.2	4530.4	5582.1	6658.7
5°	1003.5	1188.5	1406.8	1679.1	2022.6	2458.2	3009.5	3704.1	4638.2	5722.2	6798.5
2.5°	1008.0	1194.1	1414.9	1688.8	2038.8	2478.3	3036.2	3748.5	4697.4	5802.2	6883.1
0°	1008.9	1195.0	1416.9	1690.0	2043.4	2482.1	3040.3	3762.4	4709.9	5822.9	6913.8
-2.5°	1008.0	1194.1	1414.9	1688.8	2038.8	2478.3	3036.2	3748.5	4697.4	5802.2	6883.1
-5°	1003.5	1188.5	1406.8	1679.1	2022.6	2458.2	3009.5	3704.1	4638.2	5722.2	6798.5
-7.5°	995.5	1178.2	1392.7	1660.9	1996.3	2422.7	2958.6	3633.2	4530.4	5582.1	6658.7
-10°	984.2	1163.8	1374.1	1634.9	1960.5	2371.7	2885.8	3531.7	4378.9	5388.7	6454.2
-12.5°	970.7	1145.4	1349.8	1600.5	1913.0	2305.0	2792.3	3400.3	4185.1	5144.4	6187.7
-15°	953.8	1122.5	1319.7	1558.0	1854.2	2222.8	2678.8	3239.7	3952.2	4859.5	5872.7
-17.5°	933.4	1095.1	1283.8	1507.4	1784.2	2125.6	2546.0	3059.5	3713.0	4556.9	5513.9
-20°	909.8	1063.3	1242.4	1449.0	1706.4	2027.8	2419.4	2895.1	3483.8	4224.2	5105.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	882.8	1027.3	1198.6	1395.0	1636.8	1931.6	2285.2	2708.9	3226.2	3851.7	4662.4
-25°	854.1	993.9	1154.5	1338.6	1558.7	1825.0	2139.2	2509.5	2977.5	3534.8	4210.8
-27.5°	824.0	957.3	1105.7	1275.8	1472.1	1714.9	2004.6	2339.1	2732.9	3200.3	3749.8
-30°	791.2	917.1	1052.6	1209.9	1393.6	1613.0	1868.9	2154.2	2488.5	2902.1	3372.5
-32.5°	755.8	874.1	1002.3	1147.7	1312.8	1502.4	1727.6	1985.8	2276.4	2606.1	3006.8
-35°	720.6	832.3	951.7	1081.3	1227.1	1400.7	1599.0	1818.3	2063.9	2353.4	2673.7
-37.5°	687.5	788.2	898.1	1016.4	1151.0	1300.8	1466.6	1665.1	1878.2	2102.7	2377.2
-40°	652.2	741.9	846.0	955.1	1071.1	1204.1	1354.3	1516.2	1700.9	1898.4	2100.1
-42.5°	615.8	700.8	793.2	890.8	997.9	1114.2	1239.0	1384.9	1536.3	1703.0	1880.6
-45°	584.1	657.8	739.7	831.0	925.1	1026.3	1139.1	1255.1	1389.4	1524.0	1675.4
-47.5°	551.1	615.2	690.7	769.3	854.9	944.8	1039.7	1145.2	1250.4	1369.7	1484.8
-50°	517.6	577.7	639.5	711.8	786.7	865.6	949.3	1038.1	1132.8	1227.5	1327.9
-52.5°	485.6	538.9	594.4	654.9	721.8	790.9	863.4	939.6	1020.9	1102.7	1185.7
-55°	452.8	501.8	549.0	601.9	659.2	720.5	782.3	848.8	914.0	987.6	1055.6
-57.5°	422.1	463.6	505.2	549.8	599.8	652.0	706.7	761.5	820.6	879.1	935.0
-60°	392.5	426.1	462.1	500.4	540.5	586.2	631.8	680.5	729.9	778.2	827.4
-62.5°	361.7	388.7	418.4	452.3	487.0	520.6	559.5	600.4	641.8	681.9	721.7
-65°	325.3	349.2	373.2	401.2	433.3	460.1	489.1	521.0	556.4	588.4	617.5
-67.5°	287.3	308.5	328.1	347.5	372.1	395.8	419.3	443.8	470.8	499.2	524.3
-70°	246.3	267.2	284.7	300.4	313.9	328.6	347.5	366.3	387.7	414.8	439.6
-72.5°	204.8	223.6	240.1	254.3	263.2	269.9	278.8	289.8	310.1	337.2	361.1
-75°	165.5	180.3	195.0	207.8	213.3	213.8	213.2	216.8	236.9	264.5	288.8
-77.5°	127.8	140.0	151.4	161.9	164.9	164.5	162.5	159.2	174.5	198.1	222.6
-80°	92.1	99.8	108.7	116.9	118.9	118.1	115.5	111.3	123.3	140.3	158.7
-82.5°	60.1	65.3	70.2	74.9	75.4	74.2	71.9	69.2	78.3	89.4	100.9
-85°	30.8	30.8	33.3	35.7	36.8	37.0	36.2	34.7	39.2	44.3	49.8
-87.5°	15.4	15.4	15.1	14.7	14.0	13.2	12.1	10.9	11.4	11.8	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-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°	12.6	12.3	11.8	11.3	10.8	10.6	10.4	10.1	9.9	9.1	8.4
85°	55.5	56.8	57.4	57.8	57.8	59.6	61.4	62.9	64.3	58.3	51.7
82.5°	112.9	118.2	122.8	127.5	132.0	135.2	137.5	139.3	140.4	127.0	112.1
80°	177.7	188.8	198.0	206.8	215.3	217.4	217.3	216.1	213.8	195.6	175.0
77.5°	247.1	261.7	273.2	284.7	296.0	300.1	302.1	303.7	304.7	282.2	254.5
75°	310.1	327.4	343.7	358.7	372.6	379.9	384.3	387.8	390.5	367.9	338.2
72.5°	381.9	400.3	417.9	434.5	449.2	458.9	465.3	470.5	474.6	461.7	443.2
70°	460.9	479.9	498.4	515.7	532.4	545.4	555.8	564.6	572.0	573.4	572.8
67.5°	548.6	571.0	593.0	611.9	631.6	650.1	666.4	679.9	690.7	697.8	701.8
65°	647.0	680.8	710.8	736.3	757.7	782.3	804.1	820.7	832.4	841.4	849.0
62.5°	762.9	803.9	838.3	872.3	907.3	941.4	962.7	984.1	1005.0	1024.7	1041.5
60°	874.6	919.5	966.0	1009.4	1049.6	1086.5	1124.8	1158.7	1188.3	1213.1	1231.6
57.5°	993.6	1048.2	1101.1	1156.2	1208.1	1256.4	1303.6	1347.2	1384.9	1416.6	1442.5
55°	1122.7	1189.5	1252.5	1322.4	1390.2	1452.0	1508.8	1567.2	1619.8	1666.0	1702.7
52.5°	1261.9	1348.8	1432.1	1514.2	1602.1	1681.3	1752.3	1833.2	1904.9	1964.2	2010.3
50°	1428.1	1530.2	1640.2	1742.0	1852.8	1961.9	2062.6	2160.0	2255.3	2337.8	2404.5
47.5°	1617.4	1743.0	1879.3	2014.2	2151.8	2301.0	2434.1	2557.8	2691.0	2806.8	2899.6
45°	1827.7	1988.0	2152.6	2342.1	2516.9	2708.5	2885.9	3045.2	3234.2	3400.7	3534.8
42.5°	2061.1	2274.6	2491.0	2729.8	2961.5	3204.9	3463.4	3692.6	3943.3	4182.3	4375.5
40°	2350.4	2605.5	2895.3	3184.4	3517.1	3829.7	4206.1	4548.3	4859.1	5144.1	5377.6
37.5°	2671.8	3000.3	3364.4	3741.0	4196.2	4642.3	5083.1	5499.2	5866.6	6178.5	6440.1
35°	3036.7	3454.1	3895.2	4444.9	4978.2	5512.6	6010.4	6465.2	6864.8	7216.7	7516.0
32.5°	3456.5	3957.4	4574.8	5192.5	5800.8	6389.2	6935.7	7431.7	7869.9	8265.0	8609.2
30°	3897.8	4581.3	5274.3	5951.8	6616.3	7260.7	7860.6	8406.9	8902.1	9341.9	9738.4
27.5°	4458.6	5216.1	5971.7	6702.1	7433.1	8138.3	8788.4	9395.4	9963.5	10460.7	10913.9
25°	5001.0	5837.9	6641.1	7437.5	8233.1	8990.4	9717.3	10402.8	11053.5	11624.2	12130.1
22.5°	5543.4	6419.3	7277.6	8133.9	8988.6	9832.8	10649.0	11434.4	12162.2	12811.9	13381.4
20°	6045.7	6961.3	7879.2	8802.3	9728.8	10652.9	11569.6	12453.5	13264.2	14014.3	14673.4
17.5°	6496.0	7469.8	8442.9	9430.3	10434.7	11437.9	12456.3	13447.1	14373.9	15227.4	15992.1
15°	6894.8	7910.9	8956.1	10021.6	11100.0	12189.6	13300.8	14409.4	15452.7	16422.1	17275.8
12.5°	7243.5	8299.9	9395.3	10527.4	11697.9	12884.9	14097.6	15312.8	16467.8	17587.0	18508.8
10°	7531.2	8630.7	9775.6	10965.2	12199.6	13477.1	14778.1	16086.2	17358.7	18546.0	19600.1
7.5°	7753.4	8894.0	10073.8	11311.1	12606.2	13953.4	15331.5	16719.7	18077.6	19356.9	20523.3
5°	7910.1	9085.7	10280.4	11567.4	12907.5	14303.5	15735.9	17182.5	18602.1	19947.2	21156.0
2.5°	8001.1	9200.8	10400.6	11723.1	13086.6	14515.4	15986.6	17457.0	18914.1	20309.2	21551.4
0°	8025.1	9235.4	10469.6	11739.7	13143.0	14614.5	16033.1	17508.0	19022.2	20398.1	21635.8
-2.5°	8001.1	9200.8	10400.6	11723.1	13086.6	14515.4	15986.6	17457.0	18914.1	20309.2	21551.4
-5°	7910.1	9085.7	10280.4	11567.4	12907.5	14303.5	15735.9	17182.5	18602.1	19947.2	21156.0
-7.5°	7753.4	8894.0	10073.8	11311.1	12606.2	13953.4	15331.5	16719.7	18077.6	19356.9	20523.3
-10°	7531.2	8630.7	9775.6	10965.2	12199.6	13477.1	14778.1	16086.2	17358.7	18546.0	19600.1
-12.5°	7243.5	8299.9	9395.3	10527.4	11697.9	12884.9	14097.6	15312.8	16467.8	17587.0	18508.8
-15°	6894.8	7910.9	8956.1	10021.6	11100.0	12189.6	13300.8	14409.4	15452.7	16422.1	17275.8
-17.5°	6496.0	7469.8	8442.9	9430.3	10434.7	11437.9	12456.3	13447.1	14373.9	15227.4	15992.1
-20°	6045.7	6961.3	7879.2	8802.3	9728.8	10652.9	11569.6	12453.5	13264.2	14014.3	14673.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5543.4	6419.3	7277.6	8133.9	8988.6	9832.8	10649.0	11434.4	12162.2	12811.9	13381.4
-25°	5001.0	5837.9	6641.1	7437.5	8233.1	8990.4	9717.3	10402.8	11053.5	11624.2	12130.1
-27.5°	4458.6	5216.1	5971.7	6702.1	7433.1	8138.3	8788.4	9395.4	9963.5	10460.7	10913.9
-30°	3897.8	4581.3	5274.3	5951.8	6616.3	7260.7	7860.6	8406.9	8902.1	9341.9	9738.4
-32.5°	3456.5	3957.4	4574.8	5192.5	5800.8	6389.2	6935.7	7431.7	7869.9	8265.0	8609.2
-35°	3036.7	3454.1	3895.2	4444.9	4978.2	5512.6	6010.4	6465.2	6864.8	7216.7	7516.0
-37.5°	2671.8	3000.3	3364.4	3741.0	4196.2	4642.3	5083.1	5499.2	5866.6	6178.5	6440.1
-40°	2350.4	2605.5	2895.3	3184.4	3517.1	3829.7	4206.1	4548.3	4859.1	5144.1	5377.6
-42.5°	2061.1	2274.6	2491.0	2729.8	2961.5	3204.9	3463.4	3692.6	3943.3	4182.3	4375.5
-45°	1827.7	1988.0	2152.6	2342.1	2516.9	2708.5	2885.9	3045.2	3234.2	3400.7	3534.8
-47.5°	1617.4	1743.0	1879.3	2014.2	2151.8	2301.0	2434.1	2557.8	2691.0	2806.8	2899.6
-50°	1428.1	1530.2	1640.2	1742.0	1852.8	1961.9	2062.6	2160.0	2255.3	2337.8	2404.5
-52.5°	1261.9	1348.8	1432.1	1514.2	1602.1	1681.3	1752.3	1833.2	1904.9	1964.2	2010.3
-55°	1122.7	1189.5	1252.5	1322.4	1390.2	1452.0	1508.8	1567.2	1619.8	1666.0	1702.7
-57.5°	993.6	1048.2	1101.1	1156.2	1208.1	1256.4	1303.6	1347.2	1384.9	1416.6	1442.5
-60°	874.6	919.5	966.0	1009.4	1049.6	1086.5	1124.8	1158.7	1188.3	1213.1	1231.6
-62.5°	762.9	803.9	838.3	872.3	907.3	941.4	962.7	984.1	1005.0	1024.7	1041.5
-65°	647.0	680.8	710.8	736.3	757.7	782.3	804.1	820.7	832.4	841.4	849.0
-67.5°	548.6	571.0	593.0	611.9	631.6	650.1	666.4	679.9	690.7	697.8	701.8
-70°	460.9	479.9	498.4	515.7	532.4	545.4	555.8	564.6	572.0	573.4	572.8
-72.5°	381.9	400.3	417.9	434.5	449.2	458.9	465.3	470.5	474.6	461.7	443.2
-75°	310.1	327.4	343.7	358.7	372.6	379.9	384.3	387.8	390.5	367.9	338.2
-77.5°	247.1	261.7	273.2	284.7	296.0	300.1	302.1	303.7	304.7	282.2	254.5
-80°	177.7	188.8	198.0	206.8	215.3	217.4	217.3	216.1	213.8	195.6	175.0
-82.5°	112.9	118.2	122.8	127.5	132.0	135.2	137.5	139.3	140.4	127.0	112.1
-85°	55.5	56.8	57.4	57.8	57.8	59.6	61.4	62.9	64.3	58.3	51.7
-87.5°	12.6	12.3	11.8	11.3	10.8	10.6	10.4	10.1	9.9	9.1	8.4
-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: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-735-U-WR-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°	7.6	6.8	5.9	5.1	5.9	6.8	7.6	8.4	9.1	9.9	10.1
85°	44.7	37.4	36.6	35.8	36.6	37.4	44.7	51.7	58.3	64.3	62.9
82.5°	96.4	80.0	77.6	75.1	77.6	80.0	96.4	112.1	127.0	140.4	139.3
80°	153.5	131.3	127.0	122.9	127.0	131.3	153.5	175.0	195.6	213.8	216.1
77.5°	225.3	194.9	186.0	177.5	186.0	194.9	225.3	254.5	282.2	304.7	303.7
75°	307.3	275.3	264.5	254.4	264.5	275.3	307.3	338.2	367.9	390.5	387.8
72.5°	424.4	404.9	385.2	363.6	385.2	404.9	424.4	443.2	461.7	474.6	470.5
70°	572.2	570.8	565.9	558.2	565.9	570.8	572.2	572.8	573.4	572.0	564.6
67.5°	703.5	702.9	704.7	705.0	704.7	702.9	703.5	701.8	697.8	690.7	679.9
65°	853.7	855.3	858.8	860.4	858.8	855.3	853.7	849.0	841.4	832.4	820.7
62.5°	1054.4	1063.2	1067.5	1066.9	1067.5	1063.2	1054.4	1041.5	1024.7	1005.0	984.1
60°	1245.4	1254.5	1260.1	1261.5	1260.1	1254.5	1245.4	1231.6	1213.1	1188.3	1158.7
57.5°	1463.1	1477.9	1485.8	1486.9	1485.8	1477.9	1463.1	1442.5	1416.6	1384.9	1347.2
55°	1730.9	1750.5	1759.3	1758.3	1759.3	1750.5	1730.9	1702.7	1666.0	1619.8	1567.2
52.5°	2045.3	2069.2	2087.1	2098.0	2087.1	2069.2	2045.3	2010.3	1964.2	1904.9	1833.2
50°	2454.6	2488.9	2510.8	2519.7	2510.8	2488.9	2454.6	2404.5	2337.8	2255.3	2160.0
47.5°	2966.7	3012.2	3045.9	3069.4	3045.9	3012.2	2966.7	2899.6	2806.8	2691.0	2557.8
45°	3633.8	3703.2	3750.2	3777.8	3750.2	3703.2	3633.8	3534.8	3400.7	3234.2	3045.2
42.5°	4526.3	4633.9	4699.9	4725.3	4699.9	4633.9	4526.3	4375.5	4182.3	3943.3	3692.6
40°	5562.1	5691.4	5776.3	5834.9	5776.3	5691.4	5562.1	5377.6	5144.1	4859.1	4548.3
37.5°	6640.9	6776.7	6859.3	6915.5	6859.3	6776.7	6640.9	6440.1	6178.5	5866.6	5499.2
35°	7741.6	7883.7	7961.2	8004.6	7961.2	7883.7	7741.6	7516.0	7216.7	6864.8	6465.2
32.5°	8871.5	9028.1	9112.4	9199.6	9112.4	9028.1	8871.5	8609.2	8265.0	7869.9	7431.7
30°	10051.6	10231.4	10319.6	10362.1	10319.6	10231.4	10051.6	9738.4	9341.9	8902.1	8406.9
27.5°	11279.6	11503.7	11614.1	11686.8	11614.1	11503.7	11279.6	10913.9	10460.7	9963.5	9395.4
25°	12557.4	12835.1	12961.5	13074.7	12961.5	12835.1	12557.4	12130.1	11624.2	11053.5	10402.8
22.5°	13883.1	14228.9	14375.3	14455.7	14375.3	14228.9	13883.1	13381.4	12811.9	12162.2	11434.4
20°	15243.4	15656.7	15860.1	15964.8	15860.1	15656.7	15243.4	14673.4	14014.3	13264.2	12453.5
17.5°	16634.5	17148.5	17411.7	17472.2	17411.7	17148.5	16634.5	15992.1	15227.4	14373.9	13447.1
15°	18000.1	18556.0	18867.2	18981.2	18867.2	18556.0	18000.1	17275.8	16422.1	15452.7	14409.4
12.5°	19293.3	19869.6	20241.4	20307.7	20241.4	19869.6	19293.3	18508.8	17587.0	16467.8	15312.8
10°	20466.2	21063.1	21473.9	21567.5	21473.9	21063.1	20466.2	19600.1	18546.0	17358.7	16086.2
7.5°	21446.7	22101.7	22555.4	22634.4	22555.4	22101.7	21446.7	20523.3	19356.9	18077.6	16719.7
5°	22164.2	22941.8	23314.3	23407.7	23314.3	22941.8	22164.2	21156.0	19947.2	18602.1	17182.5
2.5°	22557.7	23349.3	23867.0	23807.2	23867.0	23349.3	22557.7	21551.4	20309.2	18914.1	17457.0
0°	22602.0	23429.9	23925.0	24153.8	23925.0	23429.9	22602.0	21635.8	20398.1	19022.2	17508.0
-2.5°	22557.7	23349.3	23867.0	23807.2	23867.0	23349.3	22557.7	21551.4	20309.2	18914.1	17457.0
-5°	22164.2	22941.8	23314.3	23407.7	23314.3	22941.8	22164.2	21156.0	19947.2	18602.1	17182.5
-7.5°	21446.7	22101.7	22555.4	22634.4	22555.4	22101.7	21446.7	20523.3	19356.9	18077.6	16719.7
-10°	20466.2	21063.1	21473.9	21567.5	21473.9	21063.1	20466.2	19600.1	18546.0	17358.7	16086.2
-12.5°	19293.3	19869.6	20241.4	20307.7	20241.4	19869.6	19293.3	18508.8	17587.0	16467.8	15312.8
-15°	18000.1	18556.0	18867.2	18981.2	18867.2	18556.0	18000.1	17275.8	16422.1	15452.7	14409.4
-17.5°	16634.5	17148.5	17411.7	17472.2	17411.7	17148.5	16634.5	15992.1	15227.4	14373.9	13447.1
-20°	15243.4	15656.7	15860.1	15964.8	15860.1	15656.7	15243.4	14673.4	14014.3	13264.2	12453.5



REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13883.1	14228.9	14375.3	14455.7	14375.3	14228.9	13883.1	13381.4	12811.9	12162.2	11434.4
-25°	12557.4	12835.1	12961.5	13074.7	12961.5	12835.1	12557.4	12130.1	11624.2	11053.5	10402.8
-27.5°	11279.6	11503.7	11614.1	11686.8	11614.1	11503.7	11279.6	10913.9	10460.7	9963.5	9395.4
-30°	10051.6	10231.4	10319.6	10362.1	10319.6	10231.4	10051.6	9738.4	9341.9	8902.1	8406.9
-32.5°	8871.5	9028.1	9112.4	9199.6	9112.4	9028.1	8871.5	8609.2	8265.0	7869.9	7431.7
-35°	7741.6	7883.7	7961.2	8004.6	7961.2	7883.7	7741.6	7516.0	7216.7	6864.8	6465.2
-37.5°	6640.9	6776.7	6859.3	6915.5	6859.3	6776.7	6640.9	6440.1	6178.5	5866.6	5499.2
-40°	5562.1	5691.4	5776.3	5834.9	5776.3	5691.4	5562.1	5377.6	5144.1	4859.1	4548.3
-42.5°	4526.3	4633.9	4699.9	4725.3	4699.9	4633.9	4526.3	4375.5	4182.3	3943.3	3692.6
-45°	3633.8	3703.2	3750.2	3777.8	3750.2	3703.2	3633.8	3534.8	3400.7	3234.2	3045.2
-47.5°	2966.7	3012.2	3045.9	3069.4	3045.9	3012.2	2966.7	2899.6	2806.8	2691.0	2557.8
-50°	2454.6	2488.9	2510.8	2519.7	2510.8	2488.9	2454.6	2404.5	2337.8	2255.3	2160.0
-52.5°	2045.3	2069.2	2087.1	2098.0	2087.1	2069.2	2045.3	2010.3	1964.2	1904.9	1833.2
-55°	1730.9	1750.5	1759.3	1758.3	1759.3	1750.5	1730.9	1702.7	1666.0	1619.8	1567.2
-57.5°	1463.1	1477.9	1485.8	1486.9	1485.8	1477.9	1463.1	1442.5	1416.6	1384.9	1347.2
-60°	1245.4	1254.5	1260.1	1261.5	1260.1	1254.5	1245.4	1231.6	1213.1	1188.3	1158.7
-62.5°	1054.4	1063.2	1067.5	1066.9	1067.5	1063.2	1054.4	1041.5	1024.7	1005.0	984.1
-65°	853.7	855.3	858.8	860.4	858.8	855.3	853.7	849.0	841.4	832.4	820.7
-67.5°	703.5	702.9	704.7	705.0	704.7	702.9	703.5	701.8	697.8	690.7	679.9
-70°	572.2	570.8	565.9	558.2	565.9	570.8	572.2	572.8	573.4	572.0	564.6
-72.5°	424.4	404.9	385.2	363.6	385.2	404.9	424.4	443.2	461.7	474.6	470.5
-75°	307.3	275.3	264.5	254.4	264.5	275.3	307.3	338.2	367.9	390.5	387.8
-77.5°	225.3	194.9	186.0	177.5	186.0	194.9	225.3	254.5	282.2	304.7	303.7
-80°	153.5	131.3	127.0	122.9	127.0	131.3	153.5	175.0	195.6	213.8	216.1
-82.5°	96.4	80.0	77.6	75.1	77.6	80.0	96.4	112.1	127.0	140.4	139.3
-85°	44.7	37.4	36.6	35.8	36.6	37.4	44.7	51.7	58.3	64.3	62.9
-87.5°	7.6	6.8	5.9	5.1	5.9	6.8	7.6	8.4	9.1	9.9	10.1
-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: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-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°	10.4	10.6	10.8	11.3	11.8	12.3	12.6	12.2	11.8	11.4	10.9
85°	61.4	59.6	57.8	57.8	57.4	56.8	55.5	49.8	44.3	39.2	34.7
82.5°	137.5	135.2	132.0	127.5	122.8	118.2	112.9	100.9	89.4	78.3	69.2
80°	217.3	217.4	215.3	206.8	198.0	188.8	177.7	158.7	140.3	123.3	111.3
77.5°	302.1	300.1	296.0	284.7	273.2	261.7	247.1	222.6	198.1	174.5	159.2
75°	384.3	379.9	372.6	358.7	343.7	327.4	310.1	288.8	264.5	236.9	216.8
72.5°	465.3	458.9	449.2	434.5	417.9	400.3	381.9	361.1	337.2	310.1	289.8
70°	555.8	545.4	532.4	515.7	498.4	479.9	460.9	439.6	414.8	387.7	366.3
67.5°	666.4	650.1	631.6	611.9	593.0	571.0	548.6	524.3	499.2	470.8	443.8
65°	804.1	782.3	757.7	736.3	710.8	680.8	647.0	617.5	588.4	556.4	521.0
62.5°	962.7	941.4	907.3	872.3	838.3	803.9	762.9	721.7	681.9	641.8	600.4
60°	1124.8	1086.5	1049.6	1009.4	966.0	919.5	874.6	827.4	778.2	729.9	680.5
57.5°	1303.6	1256.4	1208.1	1156.2	1101.1	1048.2	993.6	935.0	879.1	820.6	761.5
55°	1508.8	1452.0	1390.2	1322.4	1252.5	1189.5	1122.7	1055.6	987.6	914.0	848.8
52.5°	1752.3	1681.3	1602.1	1514.2	1432.1	1348.8	1261.9	1185.7	1102.7	1020.9	939.6
50°	2062.6	1961.9	1852.8	1742.0	1640.2	1530.2	1428.1	1327.9	1227.5	1132.8	1038.1
47.5°	2434.1	2301.0	2151.8	2014.2	1879.3	1743.0	1617.4	1484.8	1369.7	1250.4	1145.2
45°	2885.9	2708.5	2516.9	2342.1	2152.6	1988.0	1827.7	1675.4	1524.0	1389.4	1255.1
42.5°	3463.4	3204.9	2961.5	2729.8	2491.0	2274.6	2061.1	1880.6	1703.0	1536.3	1384.9
40°	4206.1	3829.7	3517.1	3184.4	2895.3	2605.5	2350.4	2100.1	1898.4	1700.9	1516.2
37.5°	5083.1	4642.3	4196.2	3741.0	3364.4	3000.3	2671.8	2377.2	2102.7	1878.2	1665.1
35°	6010.4	5512.6	4978.2	4444.9	3895.2	3454.1	3036.7	2673.7	2353.4	2063.9	1818.3
32.5°	6935.7	6389.2	5800.8	5192.5	4574.8	3957.4	3456.5	3006.8	2606.1	2276.4	1985.8
30°	7860.6	7260.7	6616.3	5951.8	5274.3	4581.3	3897.8	3372.5	2902.1	2488.5	2154.2
27.5°	8788.4	8138.3	7433.1	6702.1	5971.7	5216.1	4458.6	3749.8	3200.3	2732.9	2339.1
25°	9717.3	8990.4	8233.1	7437.5	6641.1	5837.9	5001.0	4210.8	3534.8	2977.5	2509.5
22.5°	10649.0	9832.8	8988.6	8133.9	7277.6	6419.3	5543.4	4662.4	3851.7	3226.2	2708.9
20°	11569.6	10652.9	9728.8	8802.3	7879.2	6961.3	6045.7	5105.3	4224.2	3483.8	2895.1
17.5°	12456.3	11437.9	10434.7	9430.3	8442.9	7469.8	6496.0	5513.9	4556.9	3713.0	3059.5
15°	13300.8	12189.6	11100.0	10021.6	8956.1	7910.9	6894.8	5872.7	4859.5	3952.2	3239.7
12.5°	14097.6	12884.9	11697.9	10527.4	9395.3	8299.9	7243.5	6187.7	5144.4	4185.1	3400.3
10°	14778.1	13477.1	12199.6	10965.2	9775.6	8630.7	7531.2	6454.2	5388.7	4378.9	3531.7
7.5°	15331.5	13953.4	12606.2	11311.1	10073.8	8894.0	7753.4	6658.7	5582.1	4530.4	3633.2
5°	15735.9	14303.5	12907.5	11567.4	10280.4	9085.7	7910.1	6798.5	5722.2	4638.2	3704.1
2.5°	15986.6	14515.4	13086.6	11723.1	10400.6	9200.8	8001.1	6883.1	5802.2	4697.4	3748.5
0°	16033.1	14614.5	13143.0	11739.7	10469.6	9235.4	8025.1	6913.8	5822.9	4709.9	3762.4
-2.5°	15986.6	14515.4	13086.6	11723.1	10400.6	9200.8	8001.1	6883.1	5802.2	4697.4	3748.5
-5°	15735.9	14303.5	12907.5	11567.4	10280.4	9085.7	7910.1	6798.5	5722.2	4638.2	3704.1
-7.5°	15331.5	13953.4	12606.2	11311.1	10073.8	8894.0	7753.4	6658.7	5582.1	4530.4	3633.2
-10°	14778.1	13477.1	12199.6	10965.2	9775.6	8630.7	7531.2	6454.2	5388.7	4378.9	3531.7
-12.5°	14097.6	12884.9	11697.9	10527.4	9395.3	8299.9	7243.5	6187.7	5144.4	4185.1	3400.3
-15°	13300.8	12189.6	11100.0	10021.6	8956.1	7910.9	6894.8	5872.7	4859.5	3952.2	3239.7
-17.5°	12456.3	11437.9	10434.7	9430.3	8442.9	7469.8	6496.0	5513.9	4556.9	3713.0	3059.5
-20°	11569.6	10652.9	9728.8	8802.3	7879.2	6961.3	6045.7	5105.3	4224.2	3483.8	2895.1



REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10649.0	9832.8	8988.6	8133.9	7277.6	6419.3	5543.4	4662.4	3851.7	3226.2	2708.9
-25°	9717.3	8990.4	8233.1	7437.5	6641.1	5837.9	5001.0	4210.8	3534.8	2977.5	2509.5
-27.5°	8788.4	8138.3	7433.1	6702.1	5971.7	5216.1	4458.6	3749.8	3200.3	2732.9	2339.1
-30°	7860.6	7260.7	6616.3	5951.8	5274.3	4581.3	3897.8	3372.5	2902.1	2488.5	2154.2
-32.5°	6935.7	6389.2	5800.8	5192.5	4574.8	3957.4	3456.5	3006.8	2606.1	2276.4	1985.8
-35°	6010.4	5512.6	4978.2	4444.9	3895.2	3454.1	3036.7	2673.7	2353.4	2063.9	1818.3
-37.5°	5083.1	4642.3	4196.2	3741.0	3364.4	3000.3	2671.8	2377.2	2102.7	1878.2	1665.1
-40°	4206.1	3829.7	3517.1	3184.4	2895.3	2605.5	2350.4	2100.1	1898.4	1700.9	1516.2
-42.5°	3463.4	3204.9	2961.5	2729.8	2491.0	2274.6	2061.1	1880.6	1703.0	1536.3	1384.9
-45°	2885.9	2708.5	2516.9	2342.1	2152.6	1988.0	1827.7	1675.4	1524.0	1389.4	1255.1
-47.5°	2434.1	2301.0	2151.8	2014.2	1879.3	1743.0	1617.4	1484.8	1369.7	1250.4	1145.2
-50°	2062.6	1961.9	1852.8	1742.0	1640.2	1530.2	1428.1	1327.9	1227.5	1132.8	1038.1
-52.5°	1752.3	1681.3	1602.1	1514.2	1432.1	1348.8	1261.9	1185.7	1102.7	1020.9	939.6
-55°	1508.8	1452.0	1390.2	1322.4	1252.5	1189.5	1122.7	1055.6	987.6	914.0	848.8
-57.5°	1303.6	1256.4	1208.1	1156.2	1101.1	1048.2	993.6	935.0	879.1	820.6	761.5
-60°	1124.8	1086.5	1049.6	1009.4	966.0	919.5	874.6	827.4	778.2	729.9	680.5
-62.5°	962.7	941.4	907.3	872.3	838.3	803.9	762.9	721.7	681.9	641.8	600.4
-65°	804.1	782.3	757.7	736.3	710.8	680.8	647.0	617.5	588.4	556.4	521.0
-67.5°	666.4	650.1	631.6	611.9	593.0	571.0	548.6	524.3	499.2	470.8	443.8
-70°	555.8	545.4	532.4	515.7	498.4	479.9	460.9	439.6	414.8	387.7	366.3
-72.5°	465.3	458.9	449.2	434.5	417.9	400.3	381.9	361.1	337.2	310.1	289.8
-75°	384.3	379.9	372.6	358.7	343.7	327.4	310.1	288.8	264.5	236.9	216.8
-77.5°	302.1	300.1	296.0	284.7	273.2	261.7	247.1	222.6	198.1	174.5	159.2
-80°	217.3	217.4	215.3	206.8	198.0	188.8	177.7	158.7	140.3	123.3	111.3
-82.5°	137.5	135.2	132.0	127.5	122.8	118.2	112.9	100.9	89.4	78.3	69.2
-85°	61.4	59.6	57.8	57.8	57.4	56.8	55.5	49.8	44.3	39.2	34.7
-87.5°	10.4	10.6	10.8	11.3	11.8	12.3	12.6	12.2	11.8	11.4	10.9
-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: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-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°	12.1	13.2	14.0	14.7	15.1	15.4	15.4	15.1	14.5	13.7	12.7
85°	36.2	37.0	36.8	35.7	33.3	30.8	30.8	30.3	29.1	27.4	25.4
82.5°	71.9	74.2	75.4	74.9	70.2	65.3	60.1	54.6	48.7	42.0	38.1
80°	115.5	118.1	118.9	116.9	108.7	99.8	92.1	84.2	76.4	67.6	57.8
77.5°	162.5	164.5	164.9	161.9	151.4	140.0	127.8	115.0	104.1	93.2	81.0
75°	213.2	213.8	213.3	207.8	195.0	180.3	165.5	149.6	133.7	118.8	104.2
72.5°	278.8	269.9	263.2	254.3	240.1	223.6	204.8	183.6	163.5	144.5	126.9
70°	347.5	328.6	313.9	300.4	284.7	267.2	246.3	219.8	192.7	169.8	148.3
67.5°	419.3	395.8	372.1	347.5	328.1	308.5	287.3	255.4	223.0	194.5	169.3
65°	489.1	460.1	433.3	401.2	373.2	349.2	325.3	289.2	252.2	218.9	189.9
62.5°	559.5	520.6	487.0	452.3	418.4	388.7	361.7	320.5	280.2	242.4	209.3
60°	631.8	586.2	540.5	500.4	462.1	426.1	392.5	351.0	307.2	264.7	227.8
57.5°	706.7	652.0	599.8	549.8	505.2	463.6	422.1	379.0	333.3	287.3	244.4
55°	782.3	720.5	659.2	601.9	549.0	501.8	452.8	405.9	358.4	309.4	257.6
52.5°	863.4	790.9	721.8	654.9	594.4	538.9	485.6	432.1	382.3	330.6	272.1
50°	949.3	865.6	786.7	711.8	639.5	577.7	517.6	460.9	405.6	351.1	285.6
47.5°	1039.7	944.8	854.9	769.3	690.7	615.2	551.1	489.2	428.3	371.4	297.9
45°	1139.1	1026.3	925.1	831.0	739.7	657.8	584.1	516.5	452.8	385.9	309.0
42.5°	1239.0	1114.2	997.9	890.8	793.2	700.8	615.8	544.8	476.4	399.1	319.9
40°	1354.3	1204.1	1071.1	955.1	846.0	741.9	652.2	572.2	498.3	412.3	330.4
37.5°	1466.6	1300.8	1151.0	1016.4	898.1	788.2	687.5	598.1	515.6	426.7	340.0
35°	1599.0	1400.7	1227.1	1081.3	951.7	832.3	720.6	624.7	534.7	440.4	348.5
32.5°	1727.6	1502.4	1312.8	1147.7	1002.3	874.1	755.8	651.9	554.1	453.6	355.9
30°	1868.9	1613.0	1393.6	1209.9	1052.6	917.1	791.2	677.5	573.6	465.9	363.1
27.5°	2004.6	1714.9	1472.1	1275.8	1105.7	957.3	824.0	701.5	593.2	478.9	372.1
25°	2139.2	1825.0	1558.7	1338.6	1154.5	993.9	854.1	724.0	612.4	493.4	380.2
22.5°	2285.2	1931.6	1636.8	1395.0	1198.6	1027.3	882.8	748.5	630.1	507.2	387.3
20°	2419.4	2027.8	1706.4	1449.0	1242.4	1063.3	909.8	770.4	645.9	520.2	393.2
17.5°	2546.0	2125.6	1784.2	1507.4	1283.8	1095.1	933.4	789.7	660.0	532.1	398.1
15°	2678.8	2222.8	1854.2	1558.0	1319.7	1122.5	953.8	806.3	672.0	542.9	402.7
12.5°	2792.3	2305.0	1913.0	1600.5	1349.8	1145.4	970.7	820.1	682.1	552.0	406.8
10°	2885.8	2371.7	1960.5	1634.9	1374.1	1163.8	984.2	831.3	690.5	559.1	409.1
7.5°	2958.6	2422.7	1996.3	1660.9	1392.7	1178.2	995.5	840.0	696.9	564.1	409.6
5°	3009.5	2458.2	2022.6	1679.1	1406.8	1188.5	1003.5	845.7	701.3	566.8	408.4
2.5°	3036.2	2478.3	2038.8	1688.8	1414.9	1194.1	1008.0	848.5	703.5	567.1	405.6
0°	3040.3	2482.1	2043.4	1690.0	1416.9	1195.0	1008.9	848.4	703.3	565.0	401.2
-2.5°	3036.2	2478.3	2038.8	1688.8	1414.9	1194.1	1008.0	848.5	703.5	567.1	405.6
-5°	3009.5	2458.2	2022.6	1679.1	1406.8	1188.5	1003.5	845.7	701.3	566.8	408.4
-7.5°	2958.6	2422.7	1996.3	1660.9	1392.7	1178.2	995.5	840.0	696.9	564.1	409.6
-10°	2885.8	2371.7	1960.5	1634.9	1374.1	1163.8	984.2	831.3	690.5	559.1	409.1
-12.5°	2792.3	2305.0	1913.0	1600.5	1349.8	1145.4	970.7	820.1	682.1	552.0	406.8
-15°	2678.8	2222.8	1854.2	1558.0	1319.7	1122.5	953.8	806.3	672.0	542.9	402.7
-17.5°	2546.0	2125.6	1784.2	1507.4	1283.8	1095.1	933.4	789.7	660.0	532.1	398.1
-20°	2419.4	2027.8	1706.4	1449.0	1242.4	1063.3	909.8	770.4	645.9	520.2	393.2

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CATALOG NUMBER: GFLD-SA3E-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2285.2	1931.6	1636.8	1395.0	1198.6	1027.3	882.8	748.5	630.1	507.2	387.3
-25°	2139.2	1825.0	1558.7	1338.6	1154.5	993.9	854.1	724.0	612.4	493.4	380.2
-27.5°	2004.6	1714.9	1472.1	1275.8	1105.7	957.3	824.0	701.5	593.2	478.9	372.1
-30°	1868.9	1613.0	1393.6	1209.9	1052.6	917.1	791.2	677.5	573.6	465.9	363.1
-32.5°	1727.6	1502.4	1312.8	1147.7	1002.3	874.1	755.8	651.9	554.1	453.6	355.9
-35°	1599.0	1400.7	1227.1	1081.3	951.7	832.3	720.6	624.7	534.7	440.4	348.5
-37.5°	1466.6	1300.8	1151.0	1016.4	898.1	788.2	687.5	598.1	515.6	426.7	340.0
-40°	1354.3	1204.1	1071.1	955.1	846.0	741.9	652.2	572.2	498.3	412.3	330.4
-42.5°	1239.0	1114.2	997.9	890.8	793.2	700.8	615.8	544.8	476.4	399.1	319.9
-45°	1139.1	1026.3	925.1	831.0	739.7	657.8	584.1	516.5	452.8	385.9	309.0
-47.5°	1039.7	944.8	854.9	769.3	690.7	615.2	551.1	489.2	428.3	371.4	297.9
-50°	949.3	865.6	786.7	711.8	639.5	577.7	517.6	460.9	405.6	351.1	285.6
-52.5°	863.4	790.9	721.8	654.9	594.4	538.9	485.6	432.1	382.3	330.6	272.1
-55°	782.3	720.5	659.2	601.9	549.0	501.8	452.8	405.9	358.4	309.4	257.6
-57.5°	706.7	652.0	599.8	549.8	505.2	463.6	422.1	379.0	333.3	287.3	244.4
-60°	631.8	586.2	540.5	500.4	462.1	426.1	392.5	351.0	307.2	264.7	227.8
-62.5°	559.5	520.6	487.0	452.3	418.4	388.7	361.7	320.5	280.2	242.4	209.3
-65°	489.1	460.1	433.3	401.2	373.2	349.2	325.3	289.2	252.2	218.9	189.9
-67.5°	419.3	395.8	372.1	347.5	328.1	308.5	287.3	255.4	223.0	194.5	169.3
-70°	347.5	328.6	313.9	300.4	284.7	267.2	246.3	219.8	192.7	169.8	148.3
-72.5°	278.8	269.9	263.2	254.3	240.1	223.6	204.8	183.6	163.5	144.5	126.9
-75°	213.2	213.8	213.3	207.8	195.0	180.3	165.5	149.6	133.7	118.8	104.2
-77.5°	162.5	164.5	164.9	161.9	151.4	140.0	127.8	115.0	104.1	93.2	81.0
-80°	115.5	118.1	118.9	116.9	108.7	99.8	92.1	84.2	76.4	67.6	57.8
-82.5°	71.9	74.2	75.4	74.9	70.2	65.3	60.1	54.6	48.7	42.0	38.1
-85°	36.2	37.0	36.8	35.7	33.3	30.8	30.8	30.3	29.1	27.4	25.4
-87.5°	12.1	13.2	14.0	14.7	15.1	15.4	15.4	15.1	14.5	13.7	12.7
-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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REPORT NUMBER: P627283 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-WR-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°	11.5	9.0	6.7	4.6	2.8	1.2	0.0
85°	22.9	17.9	13.3	9.2	5.6	2.5	0.0
82.5°	34.3	26.7	19.9	13.8	8.4	3.7	0.0
80°	46.5	35.5	26.4	18.3	11.2	4.9	0.0
77.5°	66.4	46.1	32.8	22.8	13.9	6.1	0.0
75°	85.8	60.3	39.8	27.2	16.6	7.2	0.0
72.5°	104.5	74.1	49.3	31.5	19.2	8.4	0.0
70°	122.2	87.3	58.4	36.0	21.8	9.5	0.0
67.5°	137.6	99.9	67.2	41.6	24.3	10.6	0.0
65°	152.3	111.5	75.6	46.9	26.7	11.7	0.0
62.5°	166.1	122.1	83.4	52.0	29.0	12.8	0.0
60°	179.1	132.1	90.8	56.8	31.2	13.8	0.0
57.5°	190.8	141.3	97.6	61.2	33.9	14.8	0.0
55°	201.6	149.9	104.0	65.4	36.6	15.7	0.0
52.5°	211.5	157.7	109.8	69.1	39.1	16.6	0.0
50°	220.4	164.9	115.1	72.5	41.5	17.5	0.0
47.5°	228.8	171.4	119.9	75.7	43.8	18.3	0.0
45°	238.2	177.1	124.0	78.7	46.0	19.0	0.0
42.5°	246.5	182.1	127.6	81.5	48.0	19.7	0.0
40°	253.8	186.3	130.9	84.5	49.9	20.4	0.0
37.5°	260.1	189.7	133.8	87.5	51.7	21.0	0.0
35°	265.3	193.6	136.1	90.3	53.4	21.6	0.0
32.5°	270.1	197.3	137.9	92.8	54.9	22.1	0.0
30°	275.4	200.2	139.2	95.1	56.3	22.5	0.0
27.5°	279.8	202.2	142.2	97.2	57.5	22.9	0.0
25°	283.1	203.4	145.0	98.9	58.6	23.3	0.0
22.5°	285.5	205.0	147.5	100.5	59.6	23.6	0.0
20°	286.9	208.7	149.7	101.7	60.4	23.8	0.0
17.5°	290.1	211.8	151.5	102.7	61.0	24.0	0.0
15°	294.0	214.2	152.9	103.4	61.5	24.1	0.0
12.5°	296.8	215.9	154.0	103.9	61.9	24.2	0.0
10°	298.5	217.0	154.7	104.1	62.1	24.3	0.0
7.5°	299.2	217.5	155.0	104.0	62.2	24.2	0.0
5°	298.9	217.3	154.9	103.7	62.1	24.2	0.0
2.5°	297.6	216.5	154.5	103.2	61.9	24.1	0.0
0°	295.3	215.1	153.6	102.4	61.5	23.9	0.0
-2.5°	297.6	216.5	154.5	103.2	61.9	24.1	0.0
-5°	298.9	217.3	154.9	103.7	62.1	24.2	0.0
-7.5°	299.2	217.5	155.0	104.0	62.2	24.2	0.0
-10°	298.5	217.0	154.7	104.1	62.1	24.3	0.0
-12.5°	296.8	215.9	154.0	103.9	61.9	24.2	0.0
-15°	294.0	214.2	152.9	103.4	61.5	24.1	0.0
-17.5°	290.1	211.8	151.5	102.7	61.0	24.0	0.0
-20°	286.9	208.7	149.7	101.7	60.4	23.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	285.5	205.0	147.5	100.5	59.6	23.6	0.0
-25°	283.1	203.4	145.0	98.9	58.6	23.3	0.0
-27.5°	279.8	202.2	142.2	97.2	57.5	22.9	0.0
-30°	275.4	200.2	139.2	95.1	56.3	22.5	0.0
-32.5°	270.1	197.3	137.9	92.8	54.9	22.1	0.0
-35°	265.3	193.6	136.1	90.3	53.4	21.6	0.0
-37.5°	260.1	189.7	133.8	87.5	51.7	21.0	0.0
-40°	253.8	186.3	130.9	84.5	49.9	20.4	0.0
-42.5°	246.5	182.1	127.6	81.5	48.0	19.7	0.0
-45°	238.2	177.1	124.0	78.7	46.0	19.0	0.0
-47.5°	228.8	171.4	119.9	75.7	43.8	18.3	0.0
-50°	220.4	164.9	115.1	72.5	41.5	17.5	0.0
-52.5°	211.5	157.7	109.8	69.1	39.1	16.6	0.0
-55°	201.6	149.9	104.0	65.4	36.6	15.7	0.0
-57.5°	190.8	141.3	97.6	61.2	33.9	14.8	0.0
-60°	179.1	132.1	90.8	56.8	31.2	13.8	0.0
-62.5°	166.1	122.1	83.4	52.0	29.0	12.8	0.0
-65°	152.3	111.5	75.6	46.9	26.7	11.7	0.0
-67.5°	137.6	99.9	67.2	41.6	24.3	10.6	0.0
-70°	122.2	87.3	58.4	36.0	21.8	9.5	0.0
-72.5°	104.5	74.1	49.3	31.5	19.2	8.4	0.0
-75°	85.8	60.3	39.8	27.2	16.6	7.2	0.0
-77.5°	66.4	46.1	32.8	22.8	13.9	6.1	0.0
-80°	46.5	35.5	26.4	18.3	11.2	4.9	0.0
-82.5°	34.3	26.7	19.9	13.8	8.4	3.7	0.0
-85°	22.9	17.9	13.3	9.2	5.6	2.5	0.0
-87.5°	11.5	9.0	6.7	4.6	2.8	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)