

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: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

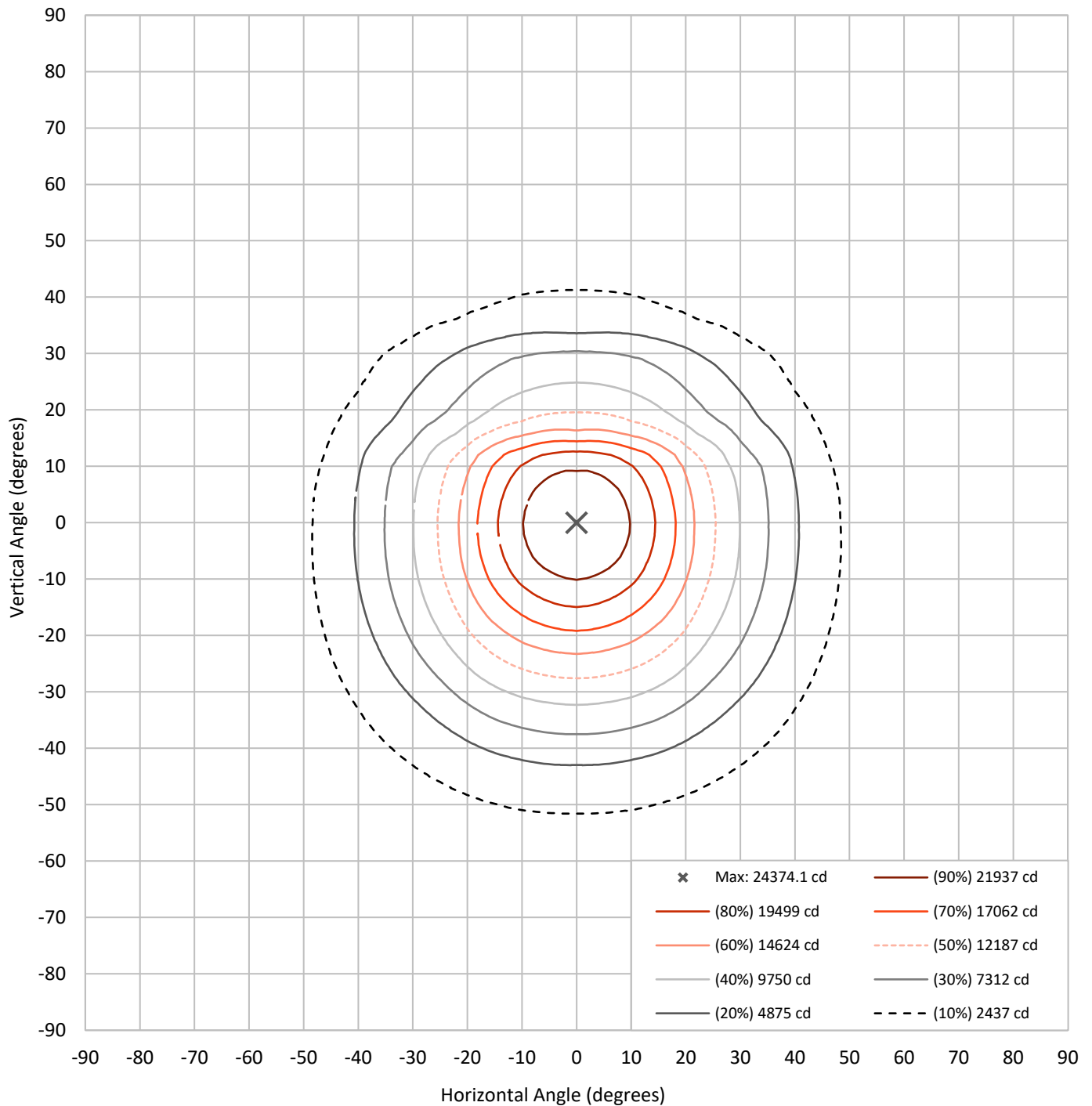
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21503.2 lumens	Max Intensity:	24374.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	10352.8 lumens	Field Lumens:	19252.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	190.6		
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		



REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





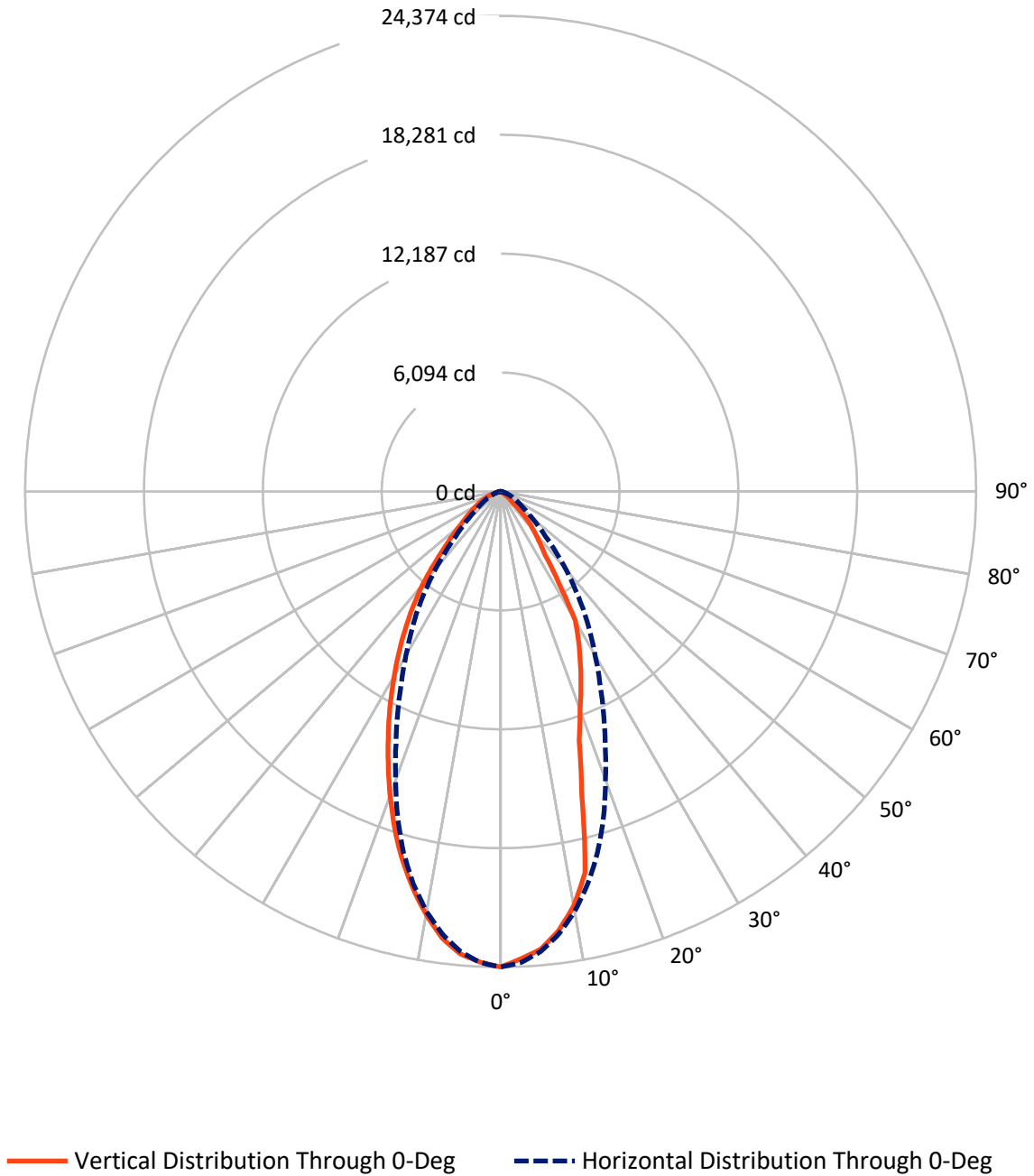
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### Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1				
50		0.5	1.1	2.0	3.4	5.0	6.8	7.6	7.6	6.8	5.0	3.4	2.0	1.1		0.5			
40	0.9	1.6	4.2	8.7	16.0	26.3	37.9	46.5	46.5	37.9	26.3	16.0	8.7	4.2	1.6	0.9			
30		3.3	8.4	19.4	40.2	73.8	112.8	135.6	135.6	112.8	73.8	40.2	19.4	8.4	3.3				
20	2.3	5.1	13.6	35.3	83.5	156.8	238.7	287.7	287.7	238.7	156.8	83.5	35.3	13.6	5.1	2.3			
10		7.0	19.4	55.3	137.4	254.1	397.1	490.9	490.9	397.1	254.1	137.4	55.3	19.4	7.0				
0	3.3	8.1	24.4	71.6	180.5	336.3	540.0	684.6	684.6	540.0	336.3	180.5	71.6	24.4	8.1	3.3			
-10		8.5	25.4	73.9	183.0	341.2	545.5	688.9	688.9	545.5	341.2	183.0	73.9	25.4	8.5				
-20	3.6	8.4	24.1	65.8	162.2	299.6	461.8	569.8	569.8	461.8	299.6	162.2	65.8	24.1	8.4	3.6			
-30		7.7	20.8	51.5	121.0	225.8	336.6	403.6	403.6	336.6	225.8	121.0	51.5	20.8	7.7				
-40	3.0	6.7	16.9	37.2	76.2	140.1	211.4	251.6	251.6	211.4	140.1	76.2	37.2	16.9	6.7	3.0			
-50		5.6	13.0	25.7	45.8	73.4	105.2	125.2	125.2	105.2	73.4	45.8	25.7	13.0	5.6				
-60	1.9	4.4	9.5	17.1	28.0	40.2	52.0	58.8	58.8	52.0	40.2	28.0	17.1	9.5	4.4	1.9			
-70		3.1	6.3	10.6	16.2	22.1	27.0	29.5	29.5	27.0	22.1	16.2	10.6	6.3	3.1				
-80	0.5	6.1	15.8	28.2	25.8	28.2	15.8	6.1	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

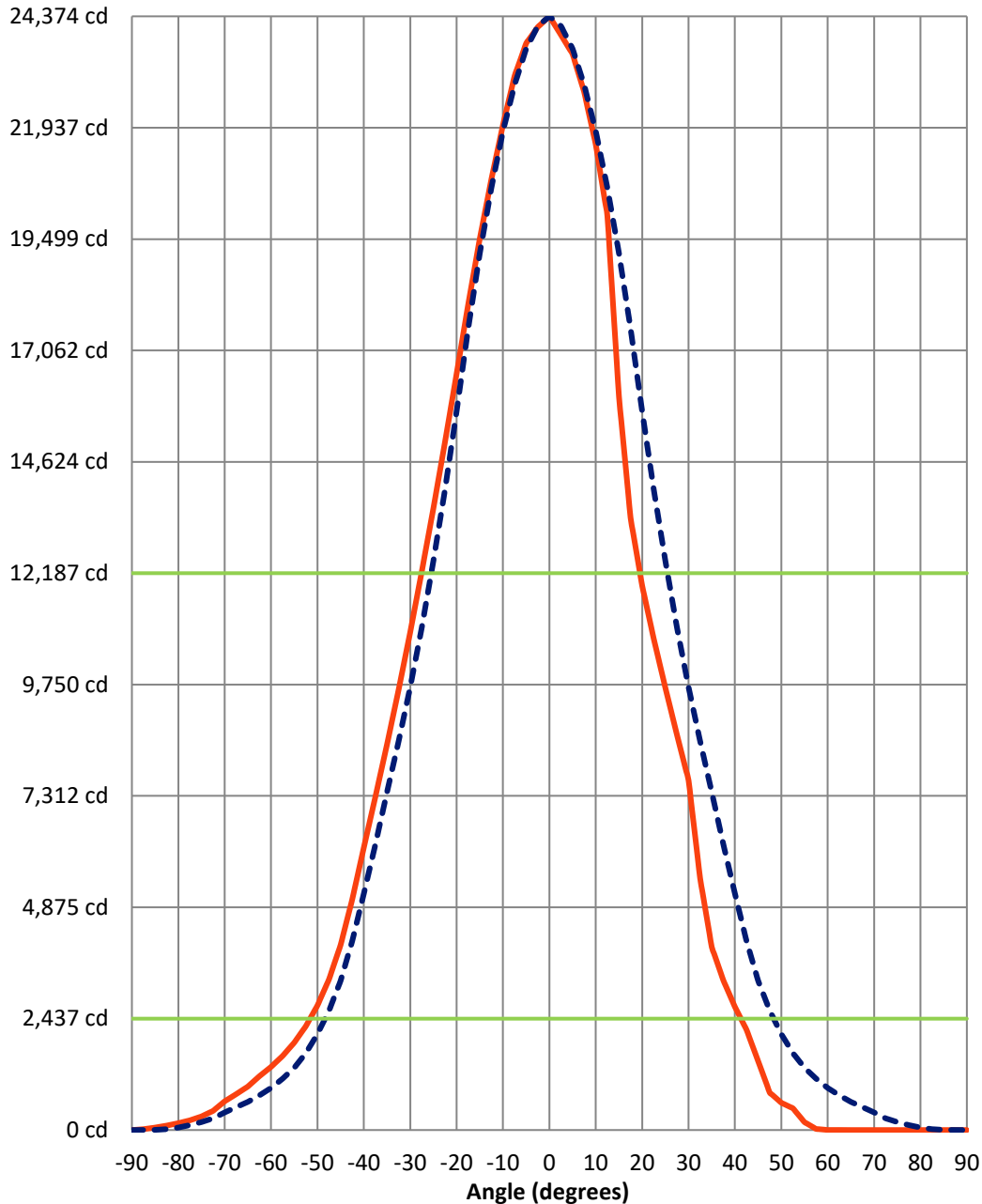
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 10352.8  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 19252.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2250.5  
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.7	1.7
80°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.4	0.7	1.1	1.5	1.7	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.6	1.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9
67.5°	0.0	0.7	1.3	1.7	1.7	1.7	1.9	1.7	1.7	2.2	2.1
65°	0.0	0.7	1.4	1.7	1.7	1.9	2.1	1.7	2.5	2.8	3.3
62.5°	0.0	0.8	1.6	1.7	1.7	2.3	2.3	2.3	3.3	4.6	7.2
60°	0.0	0.8	1.7	1.7	1.7	2.8	2.7	3.3	4.2	11.5	12.4
57.5°	0.0	0.9	1.7	1.7	2.2	3.3	4.7	4.5	11.3	19.4	21.3
55°	0.0	1.0	1.7	1.7	2.7	3.8	7.2	6.6	20.8	29.3	33.1
52.5°	0.0	1.0	1.8	1.7	3.3	4.8	10.0	16.3	31.1	43.5	46.9
50°	0.0	1.1	1.8	1.7	3.9	7.8	13.3	27.1	43.4	59.2	71.5
47.5°	0.0	1.1	1.9	1.8	4.5	11.0	17.7	37.9	59.6	76.5	97.1
45°	0.0	1.2	1.9	2.3	5.1	14.5	27.1	48.8	75.9	99.0	122.3
42.5°	0.0	1.3	2.0	2.8	5.8	18.1	36.5	61.6	92.1	121.4	150.3
40°	0.0	1.3	2.0	3.4	7.6	21.9	45.9	75.7	109.0	143.1	179.5
37.5°	0.0	1.3	2.1	4.2	10.6	25.9	55.1	89.6	127.3	165.6	209.4
35°	0.0	1.4	2.2	5.0	13.6	32.2	64.3	103.3	145.6	192.3	241.8
32.5°	0.0	1.4	2.3	5.9	16.7	39.4	74.0	116.7	164.0	219.8	278.4
30°	0.0	1.5	2.4	6.8	19.7	46.5	84.9	130.4	182.4	247.8	315.2
27.5°	0.0	1.5	2.4	7.8	23.2	53.4	95.5	145.4	202.6	276.4	352.1
25°	0.0	1.5	2.5	8.9	26.7	60.0	105.7	160.1	225.8	306.7	389.1
22.5°	0.0	1.6	2.6	9.9	30.1	66.4	115.4	174.3	248.8	337.4	426.6
20°	0.0	1.6	2.7	11.0	33.5	72.7	124.7	188.1	271.4	367.4	462.3
17.5°	0.0	1.6	2.8	12.1	36.6	78.6	133.3	201.3	293.4	396.6	496.1
15°	0.0	1.6	2.9	13.2	39.7	84.1	141.2	213.1	314.7	424.7	528.0
12.5°	0.0	1.7	3.0	14.3	42.6	89.2	148.4	222.9	332.3	451.6	557.8
10°	0.0	1.7	3.1	15.4	45.3	93.9	155.0	231.7	346.4	467.4	581.3
7.5°	0.0	1.7	3.2	16.4	47.8	98.1	160.9	239.4	358.8	479.5	593.6
5°	0.0	1.7	3.3	17.4	50.1	101.9	166.0	246.0	369.4	489.1	603.5
2.5°	0.0	1.7	3.4	18.4	52.2	105.1	170.4	251.5	378.1	496.4	611.1
0°	0.0	1.7	3.5	19.2	54.0	107.9	174.1	255.9	384.8	501.4	616.3
-2.5°	0.0	1.8	4.0	20.4	56.5	111.3	178.8	263.3	392.3	508.7	624.5
-5°	0.0	1.9	4.5	21.5	58.6	114.2	182.8	269.4	397.8	513.9	630.3
-7.5°	0.0	2.0	5.1	22.5	60.5	116.5	185.9	274.3	401.3	517.1	633.7
-10°	0.0	2.1	5.5	23.4	62.0	118.2	188.1	277.7	402.8	518.4	634.8
-12.5°	0.0	2.2	6.0	24.2	63.2	119.4	189.4	279.7	402.3	517.6	631.9
-15°	0.0	2.3	6.4	24.8	63.9	119.9	189.8	280.1	399.4	513.1	625.7
-17.5°	0.0	2.4	6.8	25.2	64.3	119.9	189.2	279.6	394.2	507.0	617.2
-20°	0.0	2.4	7.2	25.5	64.2	119.2	188.7	278.3	387.8	499.3	606.4

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REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	7.5	25.7	63.7	117.9	188.8	275.7	380.1	490.2	593.2
-25°	0.0	2.6	7.8	25.7	62.7	117.5	187.9	272.1	371.4	479.8	577.8
-27.5°	0.0	2.6	8.0	25.5	61.2	117.0	186.1	267.3	361.7	467.7	563.5
-30°	0.0	2.6	8.2	25.1	59.5	115.7	183.4	261.3	353.2	454.1	548.2
-32.5°	0.0	2.6	8.3	24.6	58.7	113.7	179.7	256.4	344.7	440.0	531.7
-35°	0.0	2.6	8.4	23.9	57.5	111.0	176.2	251.1	335.2	425.3	514.3
-37.5°	0.0	2.6	8.5	23.0	55.8	108.0	172.2	244.6	324.5	410.2	493.7
-40°	0.0	2.6	8.4	21.9	53.5	105.4	167.2	237.0	312.8	396.2	471.8
-42.5°	0.0	2.6	8.3	20.9	51.9	102.1	161.3	228.4	301.9	377.9	448.5
-45°	0.0	2.5	8.2	20.1	50.9	98.1	154.5	219.4	290.8	358.4	424.2
-47.5°	0.0	2.5	8.0	19.0	49.4	93.5	146.7	210.1	278.3	338.2	401.7
-50°	0.0	2.4	7.8	18.7	47.3	88.2	139.8	199.8	261.9	319.8	378.6
-52.5°	0.0	2.3	7.5	18.4	44.7	82.2	132.5	188.3	245.6	300.5	355.1
-55°	0.0	2.2	7.1	17.9	41.6	77.4	124.3	176.1	228.9	280.5	333.0
-57.5°	0.0	2.1	6.7	17.2	38.1	72.2	115.3	165.1	211.2	260.3	310.0
-60°	0.0	2.0	6.3	16.3	34.1	66.2	105.8	152.0	193.1	239.4	286.4
-62.5°	0.0	1.9	5.9	15.1	31.8	59.6	96.5	137.4	175.2	217.6	262.0
-65°	0.0	1.7	5.5	13.8	29.0	52.3	86.4	122.1	156.2	194.7	236.6
-67.5°	0.0	1.6	5.0	12.3	26.0	45.8	75.3	106.7	136.0	170.4	208.5
-70°	0.0	1.4	4.6	10.6	22.6	40.1	63.5	90.7	117.0	145.0	178.3
-72.5°	0.0	1.3	4.1	9.3	18.9	34.0	54.0	74.3	97.4	122.0	147.9
-75°	0.0	1.1	3.5	8.1	15.0	27.6	44.3	60.5	77.3	98.4	120.7
-77.5°	0.0	0.9	3.0	6.9	12.4	20.8	34.1	47.6	61.4	75.9	92.9
-80°	0.0	0.7	2.4	5.6	10.1	15.9	23.6	34.3	45.6	57.5	69.9
-82.5°	0.0	0.6	1.8	4.2	7.6	12.0	17.4	22.9	29.6	38.8	48.4
-85°	0.0	0.4	1.2	2.8	5.1	8.1	11.6	15.4	19.6	24.2	29.3
-87.5°	0.0	0.2	0.6	1.4	2.6	4.0	5.8	7.7	9.8	12.1	14.7
-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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**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	1.7	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	1.4
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.3	0.9
65°	1.7	1.7	2.4	2.5	1.8	1.7	1.7	1.7	1.8	1.5	1.6
62.5°	2.5	3.1	3.9	6.0	4.5	1.7	3.4	3.9	2.6	2.1	2.3
60°	7.6	5.2	13.4	18.6	12.1	6.4	7.9	15.8	13.0	3.5	9.2
57.5°	15.4	19.0	33.7	35.4	27.2	18.4	40.3	44.7	37.1	23.3	33.5
55°	32.1	45.1	56.9	56.2	56.6	71.1	83.6	82.1	72.3	99.7	125.6
52.5°	60.7	74.1	82.0	89.3	109.6	123.2	127.0	134.7	163.1	197.0	203.2
50°	89.0	102.9	113.2	139.7	160.5	171.2	181.2	207.1	250.1	273.3	277.1
47.5°	117.7	133.2	160.5	189.5	209.6	225.8	243.0	302.0	349.9	369.7	376.9
45°	147.6	174.4	208.6	238.3	261.7	283.5	339.5	420.1	453.8	484.3	561.6
42.5°	178.7	219.1	257.5	288.8	315.0	360.7	438.6	516.8	565.0	629.7	723.2
40°	218.4	263.6	308.2	339.9	372.7	442.0	538.5	621.1	672.1	759.0	865.5
37.5°	258.6	311.6	359.7	393.1	439.2	532.9	646.3	745.3	808.6	879.3	1050.5
35°	298.4	360.5	409.8	454.7	511.7	640.8	780.5	890.7	968.9	1090.0	1306.6
32.5°	340.9	410.2	460.7	521.8	615.4	759.8	931.4	1053.7	1183.5	1357.6	1704.7
30°	386.0	456.8	514.9	588.2	713.9	882.3	1081.4	1235.2	1411.3	1694.2	2068.3
27.5°	431.1	503.2	574.8	668.1	806.1	988.0	1196.0	1438.4	1666.0	1982.3	2391.2
25°	474.4	550.6	633.5	746.3	895.5	1085.9	1313.0	1592.6	1889.7	2251.4	2731.6
22.5°	515.7	598.7	695.7	816.9	970.9	1178.9	1449.7	1778.1	2135.1	2509.8	3061.6
20°	556.2	652.3	763.6	899.3	1040.3	1264.7	1583.4	1981.0	2428.4	2941.8	3482.5
17.5°	596.3	705.3	833.8	984.6	1155.5	1385.1	1720.4	2193.8	2738.4	3406.5	4072.3
15°	635.5	757.2	901.7	1068.9	1271.7	1546.1	1926.9	2447.3	3105.2	3905.3	4693.9
12.5°	673.5	807.6	966.8	1151.2	1384.4	1697.6	2121.6	2683.0	3436.8	4392.6	5361.4
10°	710.0	855.9	1028.7	1230.7	1492.3	1838.6	2293.7	2886.9	3687.0	4672.1	5749.5
7.5°	728.6	888.7	1081.5	1306.2	1594.1	1968.1	2443.4	3059.2	3882.5	4896.8	5977.1
5°	741.8	903.7	1101.3	1336.4	1650.1	2056.2	2558.0	3200.0	4026.5	5065.8	6131.2
2.5°	752.1	914.4	1115.8	1353.5	1672.2	2085.5	2595.8	3249.2	4103.8	5154.1	6221.1
0°	759.1	921.0	1124.7	1363.2	1683.6	2099.7	2613.2	3269.6	4136.6	5174.3	6253.7
-2.5°	766.5	930.0	1134.1	1378.4	1699.6	2119.0	2632.5	3284.1	4161.2	5179.9	6271.4
-5°	770.8	934.8	1137.7	1385.7	1704.7	2122.6	2631.1	3270.4	4141.6	5139.2	6233.0
-7.5°	772.0	935.4	1135.7	1384.3	1698.2	2106.2	2603.3	3229.5	4074.1	5056.9	6138.9
-10°	770.1	931.3	1128.2	1371.7	1679.0	2072.0	2553.6	3158.8	3963.1	4921.1	5979.8
-12.5°	764.5	922.5	1114.8	1351.2	1648.2	2023.4	2483.5	3058.0	3809.0	4732.3	5755.6
-15°	755.5	909.6	1095.4	1322.8	1605.7	1960.8	2393.4	2927.1	3610.6	4492.3	5476.4
-17.5°	743.0	892.4	1070.0	1286.6	1551.5	1884.8	2284.6	2773.9	3396.6	4224.4	5166.0
-20°	727.2	870.9	1038.6	1242.7	1488.9	1804.7	2183.6	2638.2	3196.3	3917.6	4799.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	707.9	845.4	1005.4	1200.6	1433.4	1721.6	2070.6	2484.3	2971.7	3563.1	4400.0
-25°	688.1	820.9	973.1	1153.8	1370.0	1627.4	1941.4	2318.3	2759.6	3301.0	3993.0
-27.5°	668.5	792.8	935.7	1099.7	1299.0	1530.2	1819.9	2163.5	2556.8	3017.1	3580.7
-30°	646.5	761.4	894.5	1043.1	1230.9	1445.6	1695.9	1990.4	2340.1	2756.1	3245.9
-32.5°	622.4	727.6	854.7	994.1	1158.0	1353.4	1570.0	1836.2	2140.5	2483.7	2907.1
-35°	598.5	698.8	813.8	941.3	1079.7	1262.7	1461.6	1682.6	1941.4	2245.3	2583.9
-37.5°	575.5	667.4	770.0	888.9	1018.7	1170.6	1346.4	1545.9	1768.7	2010.4	2303.0
-40°	549.8	633.5	730.5	838.2	953.0	1084.7	1243.2	1412.5	1604.3	1817.0	2042.9
-42.5°	521.9	602.4	690.9	783.7	889.0	1006.7	1138.1	1293.0	1452.3	1630.6	1827.7
-45°	494.6	568.5	649.5	734.2	822.8	926.7	1046.1	1174.9	1316.2	1461.7	1627.3
-47.5°	465.8	533.3	608.7	682.5	761.0	849.6	950.9	1067.9	1185.7	1315.2	1443.7
-50°	437.0	500.3	563.7	632.6	702.9	776.6	862.3	963.2	1070.4	1177.9	1290.9
-52.5°	411.2	465.9	523.2	582.4	646.4	712.0	783.4	866.5	960.3	1055.0	1152.4
-55°	384.8	435.3	482.6	535.6	591.0	650.1	713.7	783.6	854.4	940.7	1024.5
-57.5°	359.1	403.8	445.0	490.1	539.4	589.7	647.0	706.4	770.7	835.8	904.4
-60°	333.3	371.3	408.6	447.7	489.0	533.7	579.8	632.1	687.1	743.7	803.2
-62.5°	306.6	337.4	370.3	406.1	442.4	476.8	515.5	558.2	603.6	652.2	702.6
-65°	276.7	302.3	329.7	360.8	395.0	422.7	452.3	484.5	522.0	562.1	601.6
-67.5°	244.8	267.4	289.8	312.9	340.6	365.5	389.8	415.4	443.4	476.2	507.9
-70°	209.2	231.8	251.6	270.7	288.3	306.1	326.7	346.9	369.5	398.8	427.7
-72.5°	173.1	194.3	213.0	229.2	241.6	252.2	264.9	279.5	301.2	328.5	353.9
-75°	140.0	157.1	174.6	190.2	198.2	201.4	204.0	211.7	233.7	261.6	286.3
-77.5°	109.1	123.9	138.2	151.8	157.4	159.6	160.7	160.7	176.9	200.7	225.7
-80°	80.3	90.7	102.8	114.4	117.8	118.9	119.0	118.3	131.5	148.7	167.0
-82.5°	55.8	63.3	71.0	78.9	80.0	79.4	78.2	77.1	87.8	100.1	112.8
-85°	32.5	35.6	40.4	45.2	45.8	45.5	44.7	43.3	49.2	55.9	63.0
-87.5°	16.3	17.8	19.4	21.0	20.4	19.6	18.6	17.3	18.9	20.7	22.4
-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: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-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	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.7	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.7	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.7	1.4	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.7	1.5	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.7	1.7	1.3	0.8	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.2	2.1	1.5	1.4	1.6	1.7	1.4	1.2	1.1	1.2	1.4
60°	9.8	5.6	5.7	7.3	6.2	2.8	5.7	7.2	6.7	5.1	4.5
57.5°	50.0	41.9	29.3	49.0	50.4	35.2	38.2	49.8	48.3	37.3	37.2
55°	125.9	127.7	137.1	149.5	158.7	163.0	166.7	185.5	205.4	225.0	234.8
52.5°	207.9	232.3	262.6	282.6	296.6	325.3	365.4	383.8	401.7	422.1	436.8
50°	306.3	348.6	379.0	383.4	431.1	462.1	469.4	503.9	541.6	565.0	581.9
47.5°	455.7	509.2	535.6	552.5	610.6	674.2	674.3	694.2	788.5	837.8	861.6
45°	656.3	700.9	747.7	869.3	981.2	1016.7	1092.6	1195.5	1262.4	1354.4	1455.6
42.5°	827.2	910.9	1028.2	1162.1	1274.3	1367.6	1480.4	1604.0	1752.6	1892.3	2012.8
40°	996.3	1100.0	1245.2	1390.9	1532.1	1661.4	1843.2	2002.2	2177.5	2369.7	2529.8
37.5°	1217.0	1349.7	1499.7	1683.4	1903.2	2046.7	2296.9	2525.4	2722.8	2954.9	3097.8
35°	1555.9	1728.8	1861.6	2233.0	2500.3	2668.2	2964.3	3339.9	3484.1	3776.4	3915.0
32.5°	1982.0	2211.7	2561.4	3053.2	3410.1	3719.2	4161.9	4543.0	4867.8	5161.3	5466.6
30°	2460.7	2815.3	3330.8	3984.2	4346.7	4779.7	5378.3	5830.2	6339.6	6898.7	7094.6
27.5°	2895.1	3426.3	4024.8	4554.1	5074.8	5614.0	6202.2	6782.7	7334.0	7799.3	8111.6
25°	3297.8	3941.1	4522.8	5088.3	5652.5	6259.8	6925.1	7583.4	8190.1	8668.9	9032.9
22.5°	3713.2	4392.7	5015.0	5588.9	6245.2	6933.3	7640.8	8396.0	9086.4	9583.1	9979.7
20°	4103.7	4859.5	5569.3	6222.8	6843.1	7637.5	8452.2	9253.2	10005.1	10596.7	11054.0
17.5°	4723.6	5379.6	6247.1	7096.1	7794.9	8524.7	9613.3	10440.0	11274.4	11983.0	12467.7
15°	5484.8	6206.2	7102.0	8267.8	9225.4	10061.5	11186.2	12531.0	13515.2	14419.7	15040.3
12.5°	6246.6	7062.6	8031.5	9343.5	10706.9	11691.7	13056.2	14760.3	15906.7	17307.1	17997.5
10°	6830.5	7855.2	8853.0	10050.3	11359.7	12762.1	14233.0	15827.3	17359.0	18561.5	19636.5
7.5°	7065.6	8157.0	9312.2	10533.8	11843.0	13290.4	14858.1	16517.0	18093.4	19436.6	20618.0
5°	7241.3	8359.6	9522.4	10771.5	12171.1	13682.6	15273.6	17015.4	18625.2	20064.8	21273.4
2.5°	7352.9	8481.8	9639.5	10909.5	12381.5	13937.8	15580.0	17367.9	19001.9	20483.9	21688.7
0°	<b>7395.8</b>	<b>8508.3</b>	<b>9693.9</b>	<b>11001.4</b>	<b>12458.6</b>	<b>14018.6</b>	<b>15731.7</b>	<b>17540.6</b>	<b>19187.6</b>	<b>20620.5</b>	<b>21860.1</b>
-2.5°	7401.6	8483.7	9697.5	10998.6	12392.9	13967.5	15701.3	17495.1	19108.6	20535.7	21786.4
-5°	7343.5	8425.1	9640.0	10921.4	12317.7	13880.4	15539.8	17273.2	18812.1	20200.9	21405.1
-7.5°	7225.7	8304.4	9492.4	10744.4	12103.0	13618.8	15212.6	16824.2	18333.9	19665.9	20815.1
-10°	7051.0	8106.9	9253.8	10473.7	11759.3	13201.0	14720.8	16260.6	17676.3	18908.1	19970.7
-12.5°	6814.3	7845.9	8941.1	10105.8	11302.3	12677.0	14111.9	15557.8	16848.3	17972.8	18926.2
-15°	6507.0	7514.5	8575.0	9676.4	10836.8	12079.8	13367.7	14693.9	15884.0	16881.4	17752.3
-17.5°	6144.9	7122.1	8129.2	9150.2	10251.3	11417.5	12613.0	13803.5	14818.5	15704.5	16501.0
-20°	5741.2	6682.7	7639.4	8591.2	9590.2	10668.8	11772.9	12818.7	13705.6	14510.7	15239.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5288.7	6189.9	7106.8	7997.5	8898.4	9875.0	10861.0	11806.8	12636.5	13325.1	13958.4
-25°	4804.3	5636.9	6502.8	7337.9	8167.0	9042.2	9937.9	10808.0	11538.2	12136.1	12659.5
-27.5°	4316.1	5077.0	5839.8	6626.1	7392.4	8200.0	9010.9	9762.5	10418.0	10968.5	11408.3
-30°	3803.0	4483.2	5179.9	5891.2	6623.0	7362.1	8094.7	8752.8	9325.1	9809.3	10189.3
-32.5°	3376.5	3893.2	4508.3	5154.2	5840.1	6513.5	7150.8	7750.6	8289.9	8712.7	9035.0
-35°	2967.8	3405.4	3866.0	4437.7	5027.0	5646.7	6232.9	6768.2	7248.9	7618.4	7921.6
-37.5°	2616.5	2962.5	3352.1	3760.1	4254.3	4766.5	5295.6	5799.1	6227.7	6550.0	6820.8
-40°	2312.3	2585.5	2896.8	3220.3	3583.8	3951.9	4412.6	4837.5	5187.3	5488.6	5734.0
-42.5°	2037.3	2267.9	2497.8	2763.2	3037.5	3333.3	3656.6	3970.9	4239.4	4491.5	4699.9
-45°	1800.0	1984.2	2167.4	2372.4	2573.8	2814.4	3045.3	3251.4	3469.0	3657.7	3806.3
-47.5°	1592.5	1736.1	1893.2	2046.6	2208.2	2389.5	2561.3	2718.2	2877.5	3015.6	3126.4
-50°	1408.1	1527.1	1655.3	1775.9	1906.6	2039.2	2166.3	2291.0	2412.1	2517.1	2598.8
-52.5°	1246.6	1350.6	1450.5	1546.5	1650.5	1748.6	1840.6	1943.6	2038.3	2121.1	2177.0
-55°	1109.2	1194.1	1276.0	1356.1	1434.7	1509.1	1582.4	1662.4	1735.4	1801.2	1842.9
-57.5°	980.0	1052.4	1121.7	1187.1	1249.6	1308.7	1370.4	1431.9	1488.2	1537.8	1570.0
-60°	862.6	921.7	981.7	1035.1	1085.4	1132.6	1184.6	1233.8	1279.3	1317.5	1339.7
-62.5°	755.0	808.0	852.2	894.5	937.3	979.9	1016.8	1053.1	1088.2	1117.8	1137.2
-65°	642.5	687.4	725.1	759.0	789.7	822.7	854.2	882.7	908.0	927.2	939.5
-67.5°	541.9	574.9	605.1	632.1	659.5	685.9	710.1	731.8	750.8	764.2	773.0
-70°	454.4	479.7	504.4	528.9	553.3	573.9	591.5	607.6	622.3	628.4	631.1
-72.5°	377.6	400.0	421.7	443.4	463.7	479.7	492.7	504.5	515.2	506.0	489.9
-75°	308.0	327.7	348.0	367.1	385.0	397.3	406.9	415.7	423.7	403.8	376.4
-77.5°	251.0	268.3	283.3	298.2	312.9	320.8	326.9	332.9	338.6	316.4	288.3
-80°	186.2	200.2	212.9	225.4	237.7	242.4	245.1	246.9	247.9	228.9	206.9
-82.5°	125.8	133.0	140.0	147.3	154.8	158.8	161.7	164.0	165.6	152.1	136.9
-85°	70.5	72.7	74.4	75.8	77.1	79.5	81.9	84.0	86.0	79.6	72.5
-87.5°	24.2	24.2	24.1	23.9	23.7	23.7	23.7	23.7	23.6	22.6	21.5
-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: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-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	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
62.5°	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.2	1.1	1.2
60°	3.4	2.1	1.7	1.7	1.7	2.1	3.4	4.5	5.1	6.7	7.2
57.5°	34.6	30.2	27.1	24.4	27.1	30.2	34.6	37.2	37.3	48.3	49.8
55°	230.6	214.7	195.2	172.4	195.2	214.7	230.6	234.8	225.0	205.4	185.5
52.5°	452.3	467.4	476.1	475.3	476.1	467.4	452.3	436.8	422.1	401.7	383.8
50°	595.4	603.6	604.0	597.2	604.0	603.6	595.4	581.9	565.0	541.6	503.9
47.5°	872.3	860.8	841.2	820.0	841.2	860.8	872.3	861.6	837.8	788.5	694.2
45°	1522.1	1558.8	1556.4	1509.5	1556.4	1558.8	1522.1	1455.6	1354.4	1262.4	1195.5
42.5°	2080.2	2135.0	2173.9	2193.7	2173.9	2135.0	2080.2	2012.8	1892.3	1752.6	1604.0
40°	2620.0	2673.0	2696.4	2695.1	2696.4	2673.0	2620.0	2529.8	2369.7	2177.5	2002.2
37.5°	3190.5	3259.1	3292.4	3276.6	3292.4	3259.1	3190.5	3097.8	2954.9	2722.8	2525.4
35°	3975.0	4039.3	4040.4	4007.8	4040.4	4039.3	3975.0	3915.0	3776.4	3484.1	3339.9
32.5°	5709.0	5730.5	5565.4	5506.8	5565.4	5730.5	5709.0	5466.6	5161.3	4867.8	4543.0
30°	7289.6	7441.9	7583.7	7655.2	7583.7	7441.9	7289.6	7094.6	6898.7	6339.6	5830.2
27.5°	8346.9	8530.2	8643.8	8651.1	8643.8	8530.2	8346.9	8111.6	7799.3	7334.0	6782.7
25°	9308.7	9513.7	9637.5	9680.0	9637.5	9513.7	9308.7	9032.9	8668.9	8190.1	7583.4
22.5°	10316.2	10557.8	10717.9	10750.7	10717.9	10557.8	10316.2	9979.7	9583.1	9086.4	8396.0
20°	11485.3	11766.5	11920.0	11913.7	11920.0	11766.5	11485.3	11054.0	10596.7	10005.1	9253.2
17.5°	13024.4	13325.9	13458.5	13400.5	13458.5	13325.9	13024.4	12467.7	11983.0	11274.4	10440.0
15°	15677.3	16308.1	16305.6	16053.8	16305.6	16308.1	15677.3	15040.3	14419.7	13515.2	12531.0
12.5°	18949.6	19419.8	19902.2	20005.9	19902.2	19419.8	18949.6	17997.5	17307.1	15906.7	14760.3
10°	20541.9	21166.3	21578.4	21567.6	21578.4	21166.3	20541.9	19636.5	18561.5	17359.0	15827.3
7.5°	21538.1	22228.0	22727.3	22716.6	22727.3	22228.0	21538.1	20618.0	19436.6	18093.4	16517.0
5°	22306.8	23072.0	23514.4	23547.1	23514.4	23072.0	22306.8	21273.4	20064.8	18625.2	17015.4
2.5°	22706.3	23504.9	24036.7	23966.7	24036.7	23504.9	22706.3	21688.7	20483.9	19001.9	17367.9
0°	22873.3	23663.8	24159.9	24374.1	24159.9	23663.8	22873.3	21860.1	20620.5	19187.6	17540.6
-2.5°	22800.4	23569.5	24117.9	24139.0	24117.9	23569.5	22800.4	21786.4	20535.7	19108.6	17495.1
-5°	22409.7	23221.4	23588.7	23783.9	23588.7	23221.4	22409.7	21405.1	20200.9	18812.1	17273.2
-7.5°	21779.7	22387.9	22854.6	23070.1	22854.6	22387.9	21779.7	20815.1	19665.9	18333.9	16824.2
-10°	20799.2	21428.9	21823.3	22001.1	21823.3	21428.9	20799.2	19970.7	18908.1	17676.3	16260.6
-12.5°	19713.0	20285.3	20660.2	20810.2	20660.2	20285.3	19713.0	18926.2	17972.8	16848.3	15557.8
-15°	18501.1	19020.7	19365.8	19509.7	19365.8	19020.7	18501.1	17752.3	16881.4	15884.0	14693.9
-17.5°	17167.1	17622.4	17966.2	18069.9	17966.2	17622.4	17167.1	16501.0	15704.5	14818.5	13803.5
-20°	15795.3	16206.9	16490.1	16551.7	16490.1	16206.9	15795.3	15239.6	14510.7	13705.6	12818.7



REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14413.1	14752.1	14982.2	15059.7	14982.2	14752.1	14413.1	13958.4	13325.1	12636.5	11806.8
-25°	13062.3	13355.0	13540.1	13609.4	13540.1	13355.0	13062.3	12659.5	12136.1	11538.2	10808.0
-27.5°	11763.2	12036.0	12206.0	12228.8	12206.0	12036.0	11763.2	11408.3	10968.5	10418.0	9762.5
-30°	10484.9	10710.3	10841.4	10897.0	10841.4	10710.3	10484.9	10189.3	9809.3	9325.1	8752.8
-32.5°	9290.3	9487.2	9605.0	9636.5	9605.0	9487.2	9290.3	9035.0	8712.7	8289.9	7750.6
-35°	8162.6	8344.4	8448.8	8440.4	8448.8	8344.4	8162.6	7921.6	7618.4	7248.9	6768.2
-37.5°	7044.7	7212.4	7307.2	7298.3	7307.2	7212.4	7044.7	6820.8	6550.0	6227.7	5799.1
-40°	5935.7	6080.4	6163.8	6184.1	6163.8	6080.4	5935.7	5734.0	5488.6	5187.3	4837.5
-42.5°	4873.2	5006.7	5073.5	5047.2	5073.5	5006.7	4873.2	4699.9	4491.5	4239.4	3970.9
-45°	3910.2	3979.3	4024.8	4053.1	4024.8	3979.3	3910.2	3806.3	3657.7	3469.0	3251.4
-47.5°	3207.4	3264.7	3295.6	3300.9	3295.6	3264.7	3207.4	3126.4	3015.6	2877.5	2718.2
-50°	2662.3	2711.0	2732.5	2726.4	2732.5	2711.0	2662.3	2598.8	2517.1	2412.1	2291.0
-52.5°	2217.2	2245.4	2264.5	2273.8	2264.5	2245.4	2217.2	2177.0	2121.1	2038.3	1943.6
-55°	1874.2	1896.2	1909.1	1913.4	1909.1	1896.2	1874.2	1842.9	1801.2	1735.4	1662.4
-57.5°	1596.8	1617.8	1625.4	1622.6	1625.4	1617.8	1596.8	1570.0	1537.8	1488.2	1431.9
-60°	1356.9	1368.8	1377.8	1382.4	1377.8	1368.8	1356.9	1339.7	1317.5	1279.3	1233.8
-62.5°	1152.6	1163.8	1173.2	1178.7	1173.2	1163.8	1152.6	1137.2	1117.8	1088.2	1053.1
-65°	948.1	953.1	954.4	952.3	954.4	953.1	948.1	939.5	927.2	908.0	882.7
-67.5°	779.6	783.7	786.5	786.9	786.5	783.7	779.6	773.0	764.2	750.8	731.8
-70°	633.7	635.5	633.4	628.5	633.4	635.5	633.7	631.1	628.4	622.3	607.6
-72.5°	473.4	456.1	438.8	419.6	438.8	456.1	473.4	489.9	506.0	515.2	504.5
-75°	348.0	318.7	308.0	297.7	308.0	318.7	348.0	376.4	403.8	423.7	415.7
-77.5°	258.9	228.3	220.1	212.4	220.1	228.3	258.9	288.3	316.4	338.6	332.9
-80°	183.9	160.1	154.8	149.7	154.8	160.1	183.9	206.9	228.9	247.9	246.9
-82.5°	120.9	104.3	100.9	97.5	100.9	104.3	120.9	136.9	152.1	165.6	164.0
-85°	65.1	57.3	55.7	54.0	55.7	57.3	65.1	72.5	79.6	86.0	84.0
-87.5°	20.3	19.1	19.2	19.2	19.2	19.1	20.3	21.5	22.6	23.6	23.7
-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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**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°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.3	1.3	1.3	1.2
85°	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7	1.7	1.7	1.7
82.5°	0.0	0.0	0.0	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.7	1.7	1.7	1.7	1.7
77.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7	1.7	1.7
75°	0.0	0.0	0.1	0.6	1.0	1.4	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.0	0.1	0.5	1.0	1.5	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.4	1.7	1.7	1.7
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.3	1.7	1.7
65°	0.4	0.3	0.4	0.8	1.3	1.7	1.7	1.6	1.5	1.8	1.7
62.5°	1.4	1.7	1.6	1.4	1.5	2.1	2.2	2.3	2.1	2.6	3.9
60°	5.7	2.8	6.2	7.3	5.7	5.6	9.8	9.2	3.5	13.0	15.8
57.5°	38.2	35.2	50.4	49.0	29.3	41.9	50.0	33.5	23.3	37.1	44.7
55°	166.7	163.0	158.7	149.5	137.1	127.7	125.9	125.6	99.7	72.3	82.1
52.5°	365.4	325.3	296.6	282.6	262.6	232.3	207.9	203.2	197.0	163.1	134.7
50°	469.4	462.1	431.1	383.4	379.0	348.6	306.3	277.1	273.3	250.1	207.1
47.5°	674.3	674.2	610.6	552.5	535.6	509.2	455.7	376.9	369.7	349.9	302.0
45°	1092.6	1016.7	981.2	869.3	747.7	700.9	656.3	561.6	484.3	453.8	420.1
42.5°	1480.4	1367.6	1274.3	1162.1	1028.2	910.9	827.2	723.2	629.7	565.0	516.8
40°	1843.2	1661.4	1532.1	1390.9	1245.2	1100.0	996.3	865.5	759.0	672.1	621.1
37.5°	2296.9	2046.7	1903.2	1683.4	1499.7	1349.7	1217.0	1050.5	879.3	808.6	745.3
35°	2964.3	2668.2	2500.3	2233.0	1861.6	1728.8	1555.9	1306.6	1090.0	968.9	890.7
32.5°	4161.9	3719.2	3410.1	3053.2	2561.4	2211.7	1982.0	1704.7	1357.6	1183.5	1053.7
30°	5378.3	4779.7	4346.7	3984.2	3330.8	2815.3	2460.7	2068.3	1694.2	1411.3	1235.2
27.5°	6202.2	5614.0	5074.8	4554.1	4024.8	3426.3	2895.1	2391.2	1982.3	1666.0	1438.4
25°	6925.1	6259.8	5652.5	5088.3	4522.8	3941.1	3297.8	2731.6	2251.4	1889.7	1592.6
22.5°	7640.8	6933.3	6245.2	5588.9	5015.0	4392.7	3713.2	3061.6	2509.8	2135.1	1778.1
20°	8452.2	7637.5	6843.1	6222.8	5569.3	4859.5	4103.7	3482.5	2941.8	2428.4	1981.0
17.5°	9613.3	8524.7	7794.9	7096.1	6247.1	5379.6	4723.6	4072.3	3406.5	2738.4	2193.8
15°	11186.2	10061.5	9225.4	8267.8	7102.0	6206.2	5484.8	4693.9	3905.3	3105.2	2447.3
12.5°	13056.2	11691.7	10706.9	9343.5	8031.5	7062.6	6246.6	5361.4	4392.6	3436.8	2683.0
10°	14233.0	12762.1	11359.7	10050.3	8853.0	7855.2	6830.5	5749.5	4672.1	3687.0	2886.9
7.5°	14858.1	13290.4	11843.0	10533.8	9312.2	8157.0	7065.6	5977.1	4896.8	3882.5	3059.2
5°	15273.6	13682.6	12171.1	10771.5	9522.4	8359.6	7241.3	6131.2	5065.8	4026.5	3200.0
2.5°	15580.0	13937.8	12381.5	10909.5	9639.5	8481.8	7352.9	6221.1	5154.1	4103.8	3249.2
0°	15731.7	14018.6	12458.6	11001.4	9693.9	8508.3	7395.8	6253.7	5174.3	4136.6	3269.6
-2.5°	15701.3	13967.5	12392.9	10998.6	9697.5	8483.7	7401.6	6271.4	5179.9	4161.2	3284.1
-5°	15539.8	13880.4	12317.7	10921.4	9640.0	8425.1	7343.5	6233.0	5139.2	4141.6	3270.4
-7.5°	15212.6	13618.8	12103.0	10744.4	9492.4	8304.4	7225.7	6138.9	5056.9	4074.1	3229.5
-10°	14720.8	13201.0	11759.3	10473.7	9253.8	8106.9	7051.0	5979.8	4921.1	3963.1	3158.8
-12.5°	14111.9	12677.0	11302.3	10105.8	8941.1	7845.9	6814.3	5755.6	4732.3	3809.0	3058.0
-15°	13367.7	12079.8	10836.8	9676.4	8575.0	7514.5	6507.0	5476.4	4492.3	3610.6	2927.1
-17.5°	12613.0	11417.5	10251.3	9150.2	8129.2	7122.1	6144.9	5166.0	4224.4	3396.6	2773.9
-20°	11772.9	10668.8	9590.2	8591.2	7639.4	6682.7	5741.2	4799.8	3917.6	3196.3	2638.2



REPORT NUMBER: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10861.0	9875.0	8898.4	7997.5	7106.8	6189.9	5288.7	4400.0	3563.1	2971.7	2484.3
-25°	9937.9	9042.2	8167.0	7337.9	6502.8	5636.9	4804.3	3993.0	3301.0	2759.6	2318.3
-27.5°	9010.9	8200.0	7392.4	6626.1	5839.8	5077.0	4316.1	3580.7	3017.1	2556.8	2163.5
-30°	8094.7	7362.1	6623.0	5891.2	5179.9	4483.2	3803.0	3245.9	2756.1	2340.1	1990.4
-32.5°	7150.8	6513.5	5840.1	5154.2	4508.3	3893.2	3376.5	2907.1	2483.7	2140.5	1836.2
-35°	6232.9	5646.7	5027.0	4437.7	3866.0	3405.4	2967.8	2583.9	2245.3	1941.4	1682.6
-37.5°	5295.6	4766.5	4254.3	3760.1	3352.1	2962.5	2616.5	2303.0	2010.4	1768.7	1545.9
-40°	4412.6	3951.9	3583.8	3220.3	2896.8	2585.5	2312.3	2042.9	1817.0	1604.3	1412.5
-42.5°	3656.6	3333.3	3037.5	2763.2	2497.8	2267.9	2037.3	1827.7	1630.6	1452.3	1293.0
-45°	3045.3	2814.4	2573.8	2372.4	2167.4	1984.2	1800.0	1627.3	1461.7	1316.2	1174.9
-47.5°	2561.3	2389.5	2208.2	2046.6	1893.2	1736.1	1592.5	1443.7	1315.2	1185.7	1067.9
-50°	2166.3	2039.2	1906.6	1775.9	1655.3	1527.1	1408.1	1290.9	1177.9	1070.4	963.2
-52.5°	1840.6	1748.6	1650.5	1546.5	1450.5	1350.6	1246.6	1152.4	1055.0	960.3	866.5
-55°	1582.4	1509.1	1434.7	1356.1	1276.0	1194.1	1109.2	1024.5	940.7	854.4	783.6
-57.5°	1370.4	1308.7	1249.6	1187.1	1121.7	1052.4	980.0	904.4	835.8	770.7	706.4
-60°	1184.6	1132.6	1085.4	1035.1	981.7	921.7	862.6	803.2	743.7	687.1	632.1
-62.5°	1016.8	979.9	937.3	894.5	852.2	808.0	755.0	702.6	652.2	603.6	558.2
-65°	854.2	822.7	789.7	759.0	725.1	687.4	642.5	601.6	562.1	522.0	484.5
-67.5°	710.1	685.9	659.5	632.1	605.1	574.9	541.9	507.9	476.2	443.4	415.4
-70°	591.5	573.9	553.3	528.9	504.4	479.7	454.4	427.7	398.8	369.5	346.9
-72.5°	492.7	479.7	463.7	443.4	421.7	400.0	377.6	353.9	328.5	301.2	279.5
-75°	406.9	397.3	385.0	367.1	348.0	327.7	308.0	286.3	261.6	233.7	211.7
-77.5°	326.9	320.8	312.9	298.2	283.3	268.3	251.0	225.7	200.7	176.9	160.7
-80°	245.1	242.4	237.7	225.4	212.9	200.2	186.2	167.0	148.7	131.5	118.3
-82.5°	161.7	158.8	154.8	147.3	140.0	133.0	125.8	112.8	100.1	87.8	77.1
-85°	81.9	79.5	77.1	75.8	74.4	72.7	70.5	63.0	55.9	49.2	43.3
-87.5°	23.7	23.7	23.7	23.9	24.1	24.2	24.2	22.4	20.7	18.9	17.3
-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: P627812 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-WR-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	0.7	0.6	0.5
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2	1.0
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5
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	1.9	1.7	1.7	1.7
67.5°	1.7	1.7	1.7	1.8	1.7	1.7	1.7	2.1	2.2	1.7	1.7
65°	1.7	1.7	1.8	2.5	2.4	1.7	1.7	3.3	2.8	2.5	1.7
62.5°	3.4	1.7	4.5	6.0	3.9	3.1	2.5	7.2	4.6	3.3	2.3
60°	7.9	6.4	12.1	18.6	13.4	5.2	7.6	12.4	11.5	4.2	3.3
57.5°	40.3	18.4	27.2	35.4	33.7	19.0	15.4	21.3	19.4	11.3	4.5
55°	83.6	71.1	56.6	56.2	56.9	45.1	32.1	33.1	29.3	20.8	6.6
52.5°	127.0	123.2	109.6	89.3	82.0	74.1	60.7	46.9	43.5	31.1	16.3
50°	181.2	171.2	160.5	139.7	113.2	102.9	89.0	71.5	59.2	43.4	27.1
47.5°	243.0	225.8	209.6	189.5	160.5	133.2	117.7	97.1	76.5	59.6	37.9
45°	339.5	283.5	261.7	238.3	208.6	174.4	147.6	122.3	99.0	75.9	48.8
42.5°	438.6	360.7	315.0	288.8	257.5	219.1	178.7	150.3	121.4	92.1	61.6
40°	538.5	442.0	372.7	339.9	308.2	263.6	218.4	179.5	143.1	109.0	75.7
37.5°	646.3	532.9	439.2	393.1	359.7	311.6	258.6	209.4	165.6	127.3	89.6
35°	780.5	640.8	511.7	454.7	409.8	360.5	298.4	241.8	192.3	145.6	103.3
32.5°	931.4	759.8	615.4	521.8	460.7	410.2	340.9	278.4	219.8	164.0	116.7
30°	1081.4	882.3	713.9	588.2	514.9	456.8	386.0	315.2	247.8	182.4	130.4
27.5°	1196.0	988.0	806.1	668.1	574.8	503.2	431.1	352.1	276.4	202.6	145.4
25°	1313.0	1085.9	895.5	746.3	633.5	550.6	474.4	389.1	306.7	225.8	160.1
22.5°	1449.7	1178.9	970.9	816.9	695.7	598.7	515.7	426.6	337.4	248.8	174.3
20°	1583.4	1264.7	1040.3	899.3	763.6	652.3	556.2	462.3	367.4	271.4	188.1
17.5°	1720.4	1385.1	1155.5	984.6	833.8	705.3	596.3	496.1	396.6	293.4	201.3
15°	1926.9	1546.1	1271.7	1068.9	901.7	757.2	635.5	528.0	424.7	314.7	213.1
12.5°	2121.6	1697.6	1384.4	1151.2	966.8	807.6	673.5	557.8	451.6	332.3	222.9
10°	2293.7	1838.6	1492.3	1230.7	1028.7	855.9	710.0	581.3	467.4	346.4	231.7
7.5°	2443.4	1968.1	1594.1	1306.2	1081.5	888.7	728.6	593.6	479.5	358.8	239.4
5°	2558.0	2056.2	1650.1	1336.4	1101.3	903.7	741.8	603.5	489.1	369.4	246.0
2.5°	2595.8	2085.5	1672.2	1353.5	1115.8	914.4	752.1	611.1	496.4	378.1	251.5
0°	2613.2	2099.7	1683.6	1363.2	1124.7	921.0	759.1	616.3	501.4	384.8	255.9
-2.5°	2632.5	2119.0	1699.6	1378.4	1134.1	930.0	766.5	624.5	508.7	392.3	263.3
-5°	2631.1	2122.6	1704.7	1385.7	1137.7	934.8	770.8	630.3	513.9	397.8	269.4
-7.5°	2603.3	2106.2	1698.2	1384.3	1135.7	935.4	772.0	633.7	517.1	401.3	274.3
-10°	2553.6	2072.0	1679.0	1371.7	1128.2	931.3	770.1	634.8	518.4	402.8	277.7
-12.5°	2483.5	2023.4	1648.2	1351.2	1114.8	922.5	764.5	631.9	517.6	402.3	279.7
-15°	2393.4	1960.8	1605.7	1322.8	1095.4	909.6	755.5	625.7	513.1	399.4	280.1
-17.5°	2284.6	1884.8	1551.5	1286.6	1070.0	892.4	743.0	617.2	507.0	394.2	279.6
-20°	2183.6	1804.7	1488.9	1242.7	1038.6	870.9	727.2	606.4	499.3	387.8	278.3

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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°	2070.6	1721.6	1433.4	1200.6	1005.4	845.4	707.9	593.2	490.2	380.1	275.7
-25°	1941.4	1627.4	1370.0	1153.8	973.1	820.9	688.1	577.8	479.8	371.4	272.1
-27.5°	1819.9	1530.2	1299.0	1099.7	935.7	792.8	668.5	563.5	467.7	361.7	267.3
-30°	1695.9	1445.6	1230.9	1043.1	894.5	761.4	646.5	548.2	454.1	353.2	261.3
-32.5°	1570.0	1353.4	1158.0	994.1	854.7	727.6	622.4	531.7	440.0	344.7	256.4
-35°	1461.6	1262.7	1079.7	941.3	813.8	698.8	598.5	514.3	425.3	335.2	251.1
-37.5°	1346.4	1170.6	1018.7	888.9	770.0	667.4	575.5	493.7	410.2	324.5	244.6
-40°	1243.2	1084.7	953.0	838.2	730.5	633.5	549.8	471.8	396.2	312.8	237.0
-42.5°	1138.1	1006.7	889.0	783.7	690.9	602.4	521.9	448.5	377.9	301.9	228.4
-45°	1046.1	926.7	822.8	734.2	649.5	568.5	494.6	424.2	358.4	290.8	219.4
-47.5°	950.9	849.6	761.0	682.5	608.7	533.3	465.8	401.7	338.2	278.3	210.1
-50°	862.3	776.6	702.9	632.6	563.7	500.3	437.0	378.6	319.8	261.9	199.8
-52.5°	783.4	712.0	646.4	582.4	523.2	465.9	411.2	355.1	300.5	245.6	188.3
-55°	713.7	650.1	591.0	535.6	482.6	435.3	384.8	333.0	280.5	228.9	176.1
-57.5°	647.0	589.7	539.4	490.1	445.0	403.8	359.1	310.0	260.3	211.2	165.1
-60°	579.8	533.7	489.0	447.7	408.6	371.3	333.3	286.4	239.4	193.1	152.0
-62.5°	515.5	476.8	442.4	406.1	370.3	337.4	306.6	262.0	217.6	175.2	137.4
-65°	452.3	422.7	395.0	360.8	329.7	302.3	276.7	236.6	194.7	156.2	122.1
-67.5°	389.8	365.5	340.6	312.9	289.8	267.4	244.8	208.5	170.4	136.0	106.7
-70°	326.7	306.1	288.3	270.7	251.6	231.8	209.2	178.3	145.0	117.0	90.7
-72.5°	264.9	252.2	241.6	229.2	213.0	194.3	173.1	147.9	122.0	97.4	74.3
-75°	204.0	201.4	198.2	190.2	174.6	157.1	140.0	120.7	98.4	77.3	60.5
-77.5°	160.7	159.6	157.4	151.8	138.2	123.9	109.1	92.9	75.9	61.4	47.6
-80°	119.0	118.9	117.8	114.4	102.8	90.7	80.3	69.9	57.5	45.6	34.3
-82.5°	78.2	79.4	80.0	78.9	71.0	63.3	55.8	48.4	38.8	29.6	22.9
-85°	44.7	45.5	45.8	45.2	40.4	35.6	32.5	29.3	24.2	19.6	15.4
-87.5°	18.6	19.6	20.4	21.0	19.4	17.8	16.3	14.7	12.1	9.8	7.7
-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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CATALOG NUMBER: GFLD-SA6B-730-U-WR-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°	0.4	0.4	0.3	0.2	0.1	0.1	0.0
85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
80°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
77.5°	1.7	1.7	1.5	1.1	0.7	0.4	0.0
75°	1.7	1.7	1.7	1.3	0.9	0.4	0.0
72.5°	1.7	1.7	1.7	1.5	1.0	0.5	0.0
70°	1.7	1.7	1.7	1.7	1.2	0.6	0.0
67.5°	1.9	1.7	1.7	1.7	1.3	0.7	0.0
65°	2.1	1.9	1.7	1.7	1.4	0.7	0.0
62.5°	2.3	2.3	1.7	1.7	1.6	0.8	0.0
60°	2.7	2.8	1.7	1.7	1.7	0.8	0.0
57.5°	4.7	3.3	2.2	1.7	1.7	0.9	0.0
55°	7.2	3.8	2.7	1.7	1.7	1.0	0.0
52.5°	10.0	4.8	3.3	1.7	1.8	1.0	0.0
50°	13.3	7.8	3.9	1.7	1.8	1.1	0.0
47.5°	17.7	11.0	4.5	1.8	1.9	1.1	0.0
45°	27.1	14.5	5.1	2.3	1.9	1.2	0.0
42.5°	36.5	18.1	5.8	2.8	2.0	1.3	0.0
40°	45.9	21.9	7.6	3.4	2.0	1.3	0.0
37.5°	55.1	25.9	10.6	4.2	2.1	1.3	0.0
35°	64.3	32.2	13.6	5.0	2.2	1.4	0.0
32.5°	74.0	39.4	16.7	5.9	2.3	1.4	0.0
30°	84.9	46.5	19.7	6.8	2.4	1.5	0.0
27.5°	95.5	53.4	23.2	7.8	2.4	1.5	0.0
25°	105.7	60.0	26.7	8.9	2.5	1.5	0.0
22.5°	115.4	66.4	30.1	9.9	2.6	1.6	0.0
20°	124.7	72.7	33.5	11.0	2.7	1.6	0.0
17.5°	133.3	78.6	36.6	12.1	2.8	1.6	0.0
15°	141.2	84.1	39.7	13.2	2.9	1.6	0.0
12.5°	148.4	89.2	42.6	14.3	3.0	1.7	0.0
10°	155.0	93.9	45.3	15.4	3.1	1.7	0.0
7.5°	160.9	98.1	47.8	16.4	3.2	1.7	0.0
5°	166.0	101.9	50.1	17.4	3.3	1.7	0.0
2.5°	170.4	105.1	52.2	18.4	3.4	1.7	0.0
0°	174.1	107.9	54.0	19.2	3.5	1.7	0.0
-2.5°	178.8	111.3	56.5	20.4	4.0	1.8	0.0
-5°	182.8	114.2	58.6	21.5	4.5	1.9	0.0
-7.5°	185.9	116.5	60.5	22.5	5.1	2.0	0.0
-10°	188.1	118.2	62.0	23.4	5.5	2.1	0.0
-12.5°	189.4	119.4	63.2	24.2	6.0	2.2	0.0
-15°	189.8	119.9	63.9	24.8	6.4	2.3	0.0
-17.5°	189.2	119.9	64.3	25.2	6.8	2.4	0.0
-20°	188.7	119.2	64.2	25.5	7.2	2.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	188.8	117.9	63.7	25.7	7.5	2.5	0.0
-25°	187.9	117.5	62.7	25.7	7.8	2.6	0.0
-27.5°	186.1	117.0	61.2	25.5	8.0	2.6	0.0
-30°	183.4	115.7	59.5	25.1	8.2	2.6	0.0
-32.5°	179.7	113.7	58.7	24.6	8.3	2.6	0.0
-35°	176.2	111.0	57.5	23.9	8.4	2.6	0.0
-37.5°	172.2	108.0	55.8	23.0	8.5	2.6	0.0
-40°	167.2	105.4	53.5	21.9	8.4	2.6	0.0
-42.5°	161.3	102.1	51.9	20.9	8.3	2.6	0.0
-45°	154.5	98.1	50.9	20.1	8.2	2.5	0.0
-47.5°	146.7	93.5	49.4	19.0	8.0	2.5	0.0
-50°	139.8	88.2	47.3	18.7	7.8	2.4	0.0
-52.5°	132.5	82.2	44.7	18.4	7.5	2.3	0.0
-55°	124.3	77.4	41.6	17.9	7.1	2.2	0.0
-57.5°	115.3	72.2	38.1	17.2	6.7	2.1	0.0
-60°	105.8	66.2	34.1	16.3	6.3	2.0	0.0
-62.5°	96.5	59.6	31.8	15.1	5.9	1.9	0.0
-65°	86.4	52.3	29.0	13.8	5.5	1.7	0.0
-67.5°	75.3	45.8	26.0	12.3	5.0	1.6	0.0
-70°	63.5	40.1	22.6	10.6	4.6	1.4	0.0
-72.5°	54.0	34.0	18.9	9.3	4.1	1.3	0.0
-75°	44.3	27.6	15.0	8.1	3.5	1.1	0.0
-77.5°	34.1	20.8	12.4	6.9	3.0	0.9	0.0
-80°	23.6	15.9	10.1	5.6	2.4	0.7	0.0
-82.5°	17.4	12.0	7.6	4.2	1.8	0.6	0.0
-85°	11.6	8.1	5.1	2.8	1.2	0.4	0.0
-87.5°	5.8	4.0	2.6	1.4	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)