

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: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627072 (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-SA3B-722-U-WR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

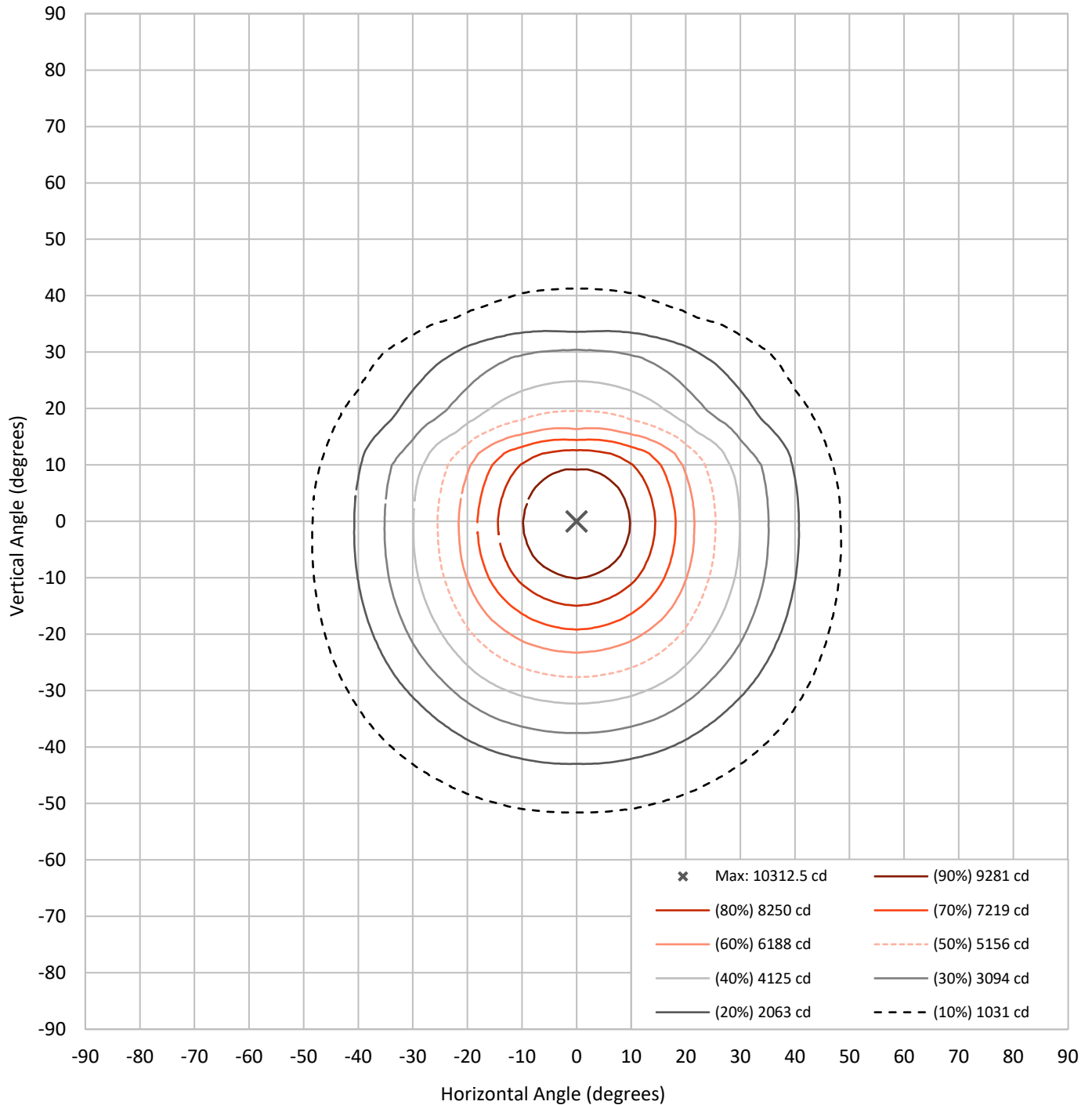
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9097.8 lumens	Max Intensity:	10312.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	4380.2 lumens	Field Lumens:	8145.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	93.7		
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





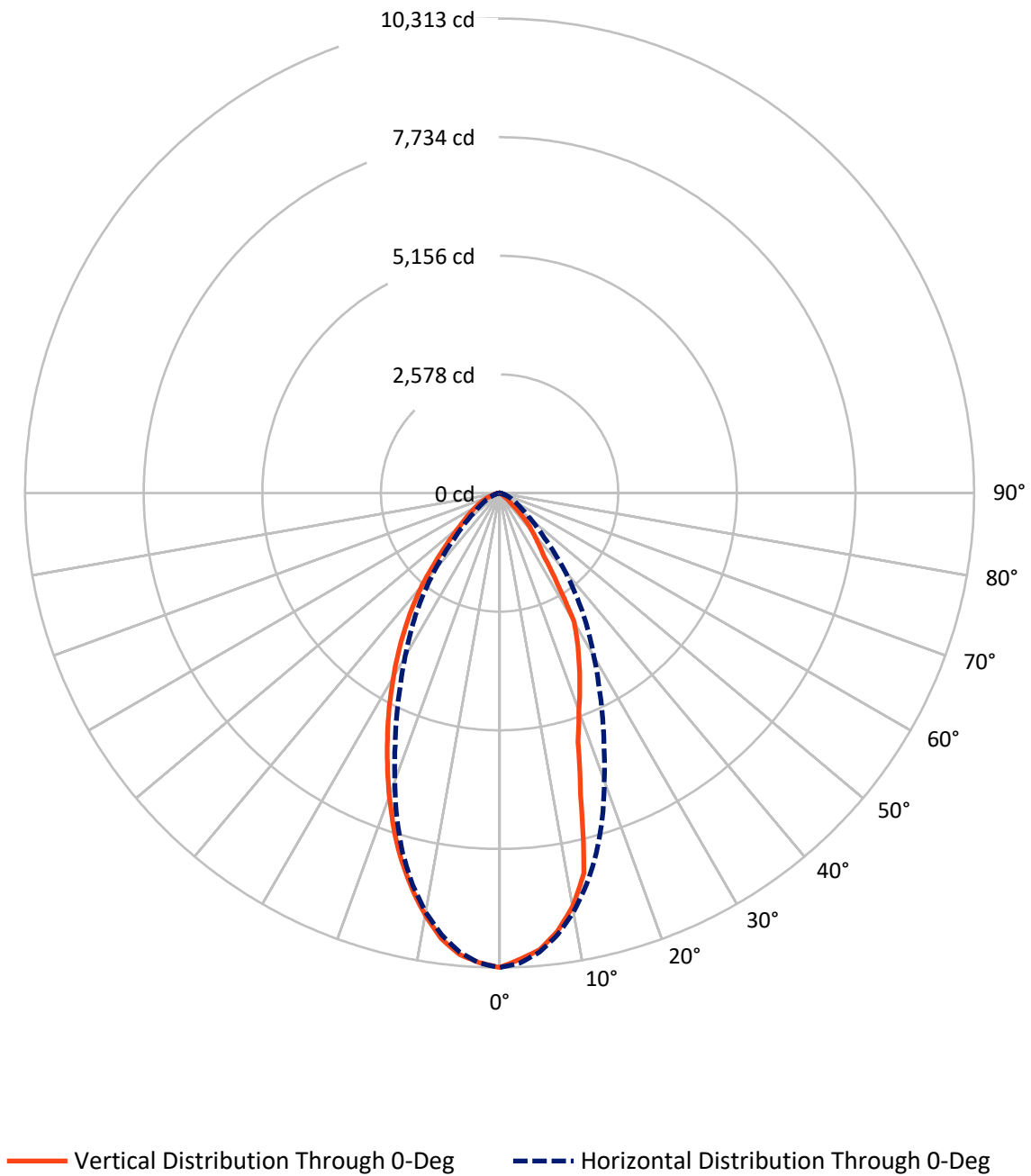
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### Lumen Table

90																			
80	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0					
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50																			
40	0.4	0.7	1.8	3.7	6.8	11.1	16.0	19.7	19.7	16.0	11.1	6.8	3.7	1.8	0.7	0.4	0.4	0.4	
30																			
20	1.0	2.2	5.8	14.9	35.3	66.4	101.0	121.7	121.7	101.0	66.4	35.3	14.9	5.8	2.2	1.0	1.0	1.0	
10																			
0	1.4	3.4	10.3	30.3	76.3	142.3	228.5	289.7	289.7	228.5	142.3	76.3	30.3	10.3	3.4	1.4	1.4	1.4	
-10																			
-20	1.5	3.5	10.2	27.9	68.6	126.8	195.4	241.1	241.1	195.4	126.8	68.6	27.9	10.2	3.5	1.5	1.5	1.5	
-30																			
-40	1.3	2.8	7.1	15.8	32.2	59.3	89.4	106.5	106.5	89.4	59.3	32.2	15.8	7.1	2.8	1.3	1.3	1.3	
-50																			
-60	0.8	1.8	4.0	7.3	11.8	17.0	22.0	24.9	24.9	22.0	17.0	11.8	7.3	4.0	1.8	0.8	0.8	0.8	
-70																			
-80	0.2	2.6	6.7	11.9	10.9	11.9	6.7	2.6	0.2	0.2	2.6	6.7	11.9	10.9	11.9	6.7	2.6	0.2	
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

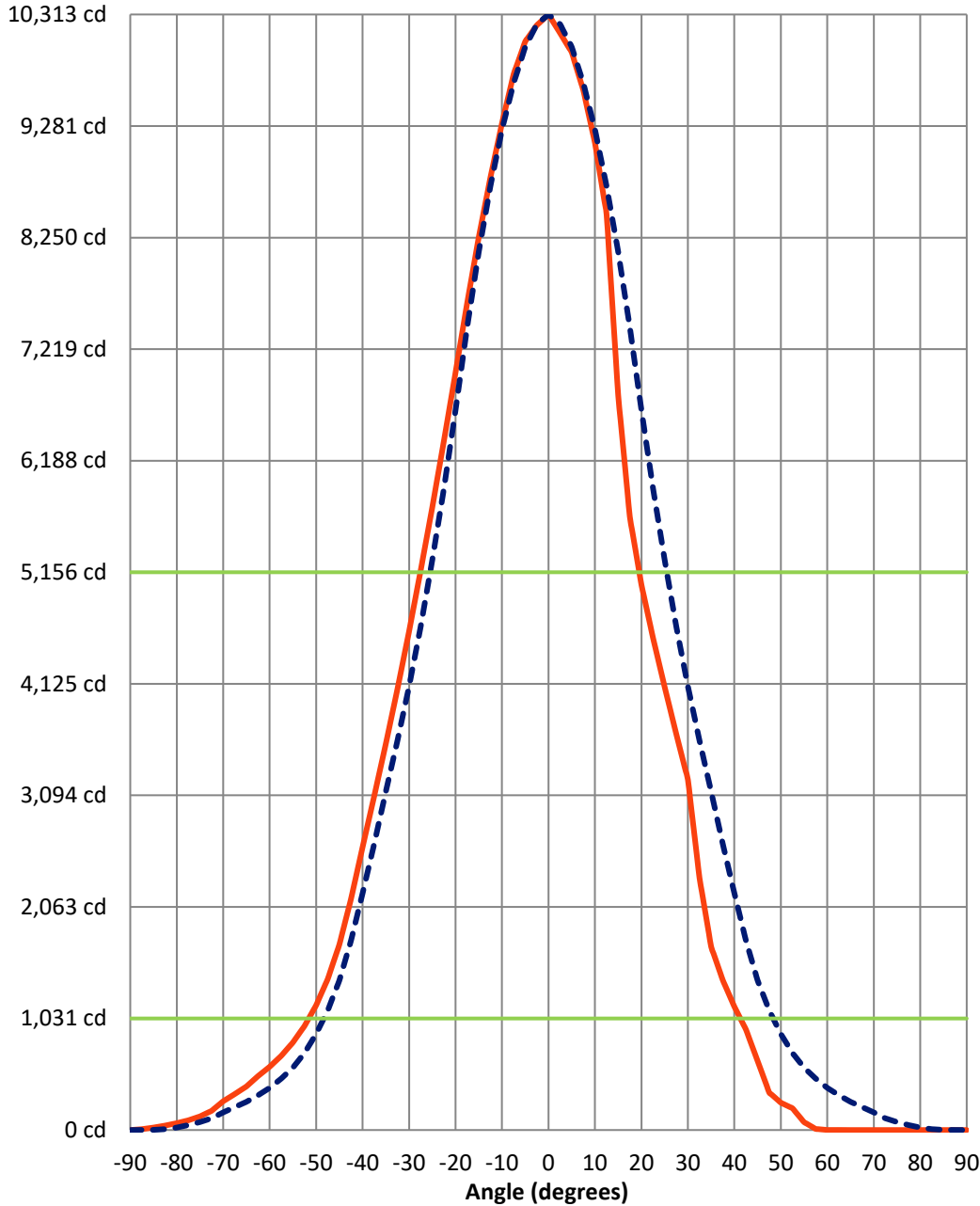
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 4380.2  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 8145.6  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 952.2  
 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	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.0	0.3	0.5	0.7	0.7	0.7	0.8	0.7	0.7	0.9	0.9
65°	0.0	0.3	0.6	0.7	0.7	0.8	0.9	0.7	1.0	1.2	1.4
62.5°	0.0	0.3	0.6	0.7	0.7	1.0	1.0	1.0	1.4	2.0	3.0
60°	0.0	0.3	0.7	0.7	0.7	1.1	1.1	1.4	1.8	4.9	5.3
57.5°	0.0	0.4	0.7	0.7	0.9	1.4	2.0	1.9	4.8	8.2	9.0
55°	0.0	0.4	0.7	0.7	1.1	1.6	3.0	2.8	8.8	12.4	14.0
52.5°	0.0	0.4	0.7	0.7	1.4	2.0	4.2	6.9	13.2	18.4	19.8
50°	0.0	0.4	0.8	0.7	1.6	3.3	5.6	11.5	18.4	25.0	30.3
47.5°	0.0	0.5	0.8	0.7	1.9	4.6	7.5	16.0	25.2	32.4	41.1
45°	0.0	0.5	0.8	1.0	2.1	6.1	11.5	20.7	32.1	41.9	51.7
42.5°	0.0	0.5	0.8	1.2	2.4	7.6	15.4	26.1	39.0	51.3	63.6
40°	0.0	0.5	0.9	1.4	3.2	9.2	19.4	32.0	46.1	60.6	75.9
37.5°	0.0	0.6	0.9	1.7	4.4	10.9	23.3	37.9	53.9	70.0	88.6
35°	0.0	0.6	0.9	2.1	5.7	13.6	27.2	43.7	61.6	81.4	102.3
32.5°	0.0	0.6	1.0	2.5	7.0	16.7	31.3	49.4	69.4	93.0	117.8
30°	0.0	0.6	1.0	2.9	8.3	19.7	35.9	55.2	77.2	104.9	133.3
27.5°	0.0	0.6	1.0	3.3	9.8	22.6	40.4	61.5	85.7	116.9	149.0
25°	0.0	0.6	1.1	3.7	11.3	25.4	44.7	67.7	95.5	129.7	164.6
22.5°	0.0	0.6	1.1	4.2	12.7	28.1	48.8	73.7	105.3	142.7	180.4
20°	0.0	0.7	1.2	4.6	14.1	30.8	52.7	79.6	114.8	155.4	195.5
17.5°	0.0	0.7	1.2	5.1	15.5	33.3	56.4	85.2	124.1	167.8	209.9
15°	0.0	0.7	1.3	5.6	16.8	35.6	59.7	90.2	133.1	179.6	223.4
12.5°	0.0	0.7	1.3	6.0	18.0	37.8	62.8	94.3	140.6	191.0	236.0
10°	0.0	0.7	1.3	6.5	19.1	39.8	65.6	98.0	146.6	197.7	245.9
7.5°	0.0	0.7	1.4	6.9	20.2	41.5	68.1	101.3	151.8	202.8	251.2
5°	0.0	0.7	1.4	7.3	21.2	43.1	70.3	104.1	156.3	206.9	255.4
2.5°	0.0	0.7	1.5	7.7	22.0	44.5	72.1	106.4	160.0	210.0	258.6
0°	0.0	0.7	1.5	8.1	22.8	45.7	73.7	108.3	162.8	212.1	260.8
-2.5°	0.0	0.7	1.7	8.6	23.9	47.1	75.7	111.4	166.0	215.2	264.2
-5°	0.0	0.8	1.9	9.1	24.8	48.4	77.4	114.0	168.3	217.4	266.7
-7.5°	0.0	0.8	2.1	9.5	25.6	49.3	78.7	116.1	169.8	218.8	268.1
-10°	0.0	0.9	2.3	9.9	26.2	50.1	79.6	117.5	170.4	219.3	268.6
-12.5°	0.0	0.9	2.5	10.2	26.7	50.5	80.2	118.3	170.2	219.0	267.3
-15°	0.0	1.0	2.7	10.5	27.0	50.8	80.3	118.5	169.0	217.1	264.7
-17.5°	0.0	1.0	2.9	10.7	27.2	50.7	80.1	118.3	166.8	214.5	261.1
-20°	0.0	1.0	3.0	10.8	27.2	50.5	79.9	117.7	164.0	211.3	256.5

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CATALOG NUMBER: GFLD-SA3B-722-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	1.0	3.2	10.9	26.9	49.9	79.9	116.7	160.8	207.4	251.0
-25°	0.0	1.1	3.3	10.9	26.5	49.7	79.6	115.1	157.1	203.0	244.5
-27.5°	0.0	1.1	3.4	10.8	25.9	49.5	78.8	113.1	153.0	197.9	238.4
-30°	0.0	1.1	3.4	10.6	25.2	49.0	77.6	110.6	149.4	192.1	231.9
-32.5°	0.0	1.1	3.5	10.4	24.9	48.1	76.1	108.5	145.9	186.1	225.0
-35°	0.0	1.1	3.5	10.1	24.3	47.0	74.6	106.2	141.8	179.9	217.6
-37.5°	0.0	1.1	3.5	9.7	23.6	45.7	72.9	103.5	137.3	173.6	208.9
-40°	0.0	1.1	3.5	9.2	22.7	44.6	70.8	100.3	132.4	167.6	199.6
-42.5°	0.0	1.1	3.5	8.8	22.0	43.2	68.3	96.7	127.8	159.9	189.8
-45°	0.0	1.0	3.4	8.5	21.5	41.5	65.4	92.8	123.0	151.7	179.5
-47.5°	0.0	1.0	3.4	8.0	20.9	39.5	62.0	88.9	117.8	143.1	170.0
-50°	0.0	1.0	3.2	7.9	20.0	37.3	59.2	84.5	110.8	135.3	160.2
-52.5°	0.0	1.0	3.1	7.8	18.9	34.8	56.0	79.7	103.9	127.2	150.3
-55°	0.0	0.9	3.0	7.5	17.6	32.7	52.6	74.5	96.8	118.7	140.9
-57.5°	0.0	0.9	2.8	7.2	16.1	30.5	48.8	69.8	89.4	110.1	131.2
-60°	0.0	0.8	2.6	6.8	14.4	28.0	44.8	64.3	81.7	101.3	121.2
-62.5°	0.0	0.8	2.4	6.4	13.4	25.2	40.8	58.1	74.1	92.1	110.8
-65°	0.0	0.7	2.3	5.8	12.3	22.1	36.5	51.7	66.1	82.4	100.1
-67.5°	0.0	0.7	2.1	5.1	11.0	19.3	31.9	45.1	57.6	72.1	88.2
-70°	0.0	0.6	1.9	4.4	9.5	17.0	26.9	38.4	49.5	61.3	75.5
-72.5°	0.0	0.5	1.7	3.9	8.0	14.4	22.8	31.4	41.2	51.6	62.6
-75°	0.0	0.5	1.5	3.4	6.3	11.7	18.8	25.6	32.7	41.6	51.0
-77.5°	0.0	0.4	1.2	2.9	5.3	8.8	14.5	20.1	26.0	32.1	39.2
-80°	0.0	0.3	1.0	2.3	4.3	6.7	10.0	14.5	19.3	24.3	29.5
-82.5°	0.0	0.2	0.8	1.8	3.2	5.1	7.4	9.7	12.5	16.4	20.4
-85°	0.0	0.2	0.5	1.2	2.2	3.4	4.9	6.5	8.3	10.2	12.4
-87.5°	0.0	0.1	0.3	0.6	1.1	1.7	2.5	3.3	4.2	5.1	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA3B-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4
65°	0.7	0.7	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.6	0.6
62.5°	1.0	1.3	1.6	2.5	1.9	0.7	1.4	1.7	1.1	0.9	1.0
60°	3.2	2.2	5.6	7.8	5.1	2.7	3.4	6.7	5.5	1.5	3.9
57.5°	6.5	8.0	14.2	15.0	11.5	7.8	17.1	18.9	15.7	9.9	14.2
55°	13.5	19.0	24.1	23.8	24.0	30.1	35.4	34.7	30.6	42.2	53.2
52.5°	25.6	31.4	34.7	37.8	46.4	52.1	53.8	57.0	69.0	83.4	86.0
50°	37.6	43.5	48.0	59.1	67.9	72.4	76.7	87.7	105.8	115.7	117.2
47.5°	49.8	56.4	67.9	80.2	88.7	95.5	102.8	127.8	148.0	156.4	159.5
45°	62.5	73.8	88.2	100.8	110.7	120.0	143.6	177.7	192.0	204.9	237.6
42.5°	75.6	92.7	108.9	122.1	133.3	152.6	185.6	218.6	239.0	266.4	306.0
40°	92.4	111.5	130.4	143.8	157.7	187.0	227.8	262.8	284.4	321.2	366.2
37.5°	109.4	131.8	152.2	166.3	185.9	225.5	273.4	315.3	342.2	372.0	444.4
35°	126.2	152.5	173.4	192.4	216.5	271.1	330.2	376.9	410.0	461.2	552.8
32.5°	144.2	173.5	194.9	220.8	260.4	321.5	394.1	445.9	500.7	574.4	721.2
30°	163.3	193.3	217.9	248.9	302.0	373.3	457.6	522.6	597.1	716.8	875.0
27.5°	182.4	212.9	243.2	282.7	341.0	418.0	506.1	608.6	704.9	838.7	1011.7
25°	200.7	233.0	268.0	315.7	378.9	459.5	555.6	673.8	799.5	952.5	1155.7
22.5°	218.2	253.3	294.3	345.6	410.8	498.8	613.4	752.3	903.3	1061.8	1295.3
20°	235.3	276.0	323.1	380.5	440.2	535.1	669.9	838.1	1027.4	1244.6	1473.4
17.5°	252.3	298.4	352.8	416.6	488.9	586.0	727.9	928.2	1158.6	1441.2	1722.9
15°	268.9	320.4	381.5	452.2	538.1	654.1	815.3	1035.4	1313.7	1652.3	1986.0
12.5°	285.0	341.7	409.0	487.1	585.7	718.2	897.6	1135.1	1454.1	1858.5	2268.4
10°	300.4	362.1	435.2	520.7	631.4	777.9	970.4	1221.4	1559.9	1976.7	2432.6
7.5°	308.2	376.0	457.5	552.7	674.5	832.7	1033.8	1294.3	1642.6	2071.8	2528.8
5°	313.9	382.3	465.9	565.4	698.2	869.9	1082.2	1353.9	1703.6	2143.3	2594.1
2.5°	318.2	386.9	472.0	572.7	707.5	882.3	1098.2	1374.7	1736.3	2180.6	2632.1
0°	321.2	389.7	475.8	576.8	712.3	888.3	1105.6	1383.3	1750.2	2189.2	2645.9
-2.5°	324.3	393.5	479.8	583.2	719.1	896.5	1113.8	1389.5	1760.6	2191.6	2653.4
-5°	326.1	395.5	481.4	586.3	721.3	898.0	1113.2	1383.7	1752.3	2174.3	2637.2
-7.5°	326.6	395.8	480.5	585.7	718.5	891.1	1101.4	1366.4	1723.7	2139.5	2597.3
-10°	325.8	394.0	477.4	580.4	710.4	876.6	1080.4	1336.5	1676.8	2082.1	2530.0
-12.5°	323.4	390.3	471.7	571.7	697.4	856.0	1050.7	1293.8	1611.6	2002.2	2435.2
-15°	319.6	384.8	463.5	559.7	679.4	829.6	1012.6	1238.4	1527.6	1900.6	2317.0
-17.5°	314.4	377.6	452.7	544.3	656.4	797.4	966.6	1173.5	1437.1	1787.3	2185.7
-20°	307.6	368.5	439.5	525.7	629.9	763.5	923.8	1116.1	1352.3	1657.5	2030.8



REPORT NUMBER: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	299.5	357.7	425.4	507.9	606.5	728.4	876.0	1051.1	1257.2	1507.5	1861.6
-25°	291.1	347.3	411.7	488.1	579.6	688.5	821.4	980.8	1167.5	1396.6	1689.4
-27.5°	282.8	335.4	395.9	465.3	549.6	647.4	770.0	915.3	1081.7	1276.5	1515.0
-30°	273.5	322.1	378.5	441.3	520.8	611.6	717.5	842.1	990.1	1166.0	1373.3
-32.5°	263.3	307.8	361.6	420.6	489.9	572.6	664.2	776.9	905.6	1050.8	1229.9
-35°	253.2	295.6	344.3	398.3	456.8	534.3	618.4	711.9	821.4	950.0	1093.2
-37.5°	243.5	282.4	325.7	376.1	431.0	495.3	569.7	654.1	748.3	850.6	974.4
-40°	232.6	268.0	309.0	354.6	403.2	459.0	526.0	597.7	678.8	768.7	864.3
-42.5°	220.8	254.8	292.3	331.5	376.1	425.9	481.6	547.1	614.5	689.9	773.3
-45°	209.3	240.5	274.8	310.6	348.1	392.1	442.6	497.1	556.9	618.4	688.5
-47.5°	197.1	225.6	257.5	288.7	322.0	359.5	402.4	451.8	501.7	556.5	610.8
-50°	184.9	211.7	238.5	267.6	297.4	328.6	364.8	407.5	452.9	498.4	546.2
-52.5°	174.0	197.2	221.4	246.4	273.5	301.3	331.5	366.6	406.3	446.3	487.6
-55°	162.8	184.2	204.2	226.6	250.0	275.1	302.0	331.6	361.5	398.0	433.4
-57.5°	151.9	170.9	188.3	207.4	228.2	249.5	273.7	298.9	326.0	353.6	382.6
-60°	141.0	157.1	172.9	189.4	206.9	225.8	245.3	267.4	290.7	314.6	339.8
-62.5°	129.7	142.8	156.7	171.8	187.2	201.8	218.1	236.1	255.3	275.9	297.2
-65°	117.1	127.9	139.5	152.7	167.1	178.9	191.4	205.0	220.8	237.8	254.5
-67.5°	103.6	113.2	122.6	132.4	144.1	154.6	165.0	175.8	187.6	201.5	214.9
-70°	88.5	98.1	106.4	114.5	122.0	129.5	138.2	146.8	156.4	168.8	181.0
-72.5°	73.2	82.2	90.1	97.0	102.2	106.7	112.1	118.3	127.5	139.0	149.8
-75°	59.2	66.5	73.9	80.5	83.8	85.2	86.3	89.6	98.9	110.7	121.1
-77.5°	46.1	52.4	58.5	64.2	66.6	67.5	68.0	68.0	74.8	84.9	95.5
-80°	33.9	38.3	43.4	48.4	49.8	50.3	50.4	50.1	55.7	62.9	70.7
-82.5°	23.6	26.8	30.0	33.4	33.8	33.6	33.1	32.7	37.2	42.4	47.8
-85°	13.7	15.1	17.1	19.1	19.4	19.3	18.9	18.3	20.8	23.7	26.7
-87.5°	6.9	7.5	8.2	8.9	8.7	8.3	7.8	7.3	8.0	8.7	9.5
-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: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.7	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.7	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.7	0.7	0.5	0.3	0.2	0.1	0.2	0.1	0.1	0.0	0.0
62.5°	0.9	0.9	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.6
60°	4.2	2.4	2.4	3.1	2.6	1.2	2.4	3.0	2.8	2.1	1.8
57.5°	21.1	17.7	12.4	20.7	21.3	14.9	16.1	21.0	20.4	15.7	15.7
55°	53.3	54.1	58.0	63.3	67.2	69.0	70.6	78.5	86.9	95.2	99.3
52.5°	88.0	98.3	111.1	119.6	125.5	137.6	154.6	162.4	170.0	178.6	184.8
50°	129.6	147.5	160.3	162.2	182.4	195.5	198.6	213.2	229.1	239.0	246.2
47.5°	192.8	215.4	226.6	233.8	258.3	285.3	285.3	293.7	333.6	354.5	364.5
45°	277.7	296.6	316.4	367.8	415.1	430.1	462.3	505.8	534.1	573.0	615.8
42.5°	350.0	385.4	435.0	491.7	539.1	578.6	626.3	678.6	741.5	800.6	851.6
40°	421.5	465.3	526.8	588.5	648.2	702.9	779.8	847.1	921.3	1002.6	1070.3
37.5°	514.8	571.0	634.5	712.2	805.2	866.0	971.8	1068.5	1152.0	1250.2	1310.6
35°	658.2	731.4	787.6	944.8	1057.9	1128.9	1254.2	1413.1	1474.1	1597.7	1656.4
32.5°	838.5	935.8	1083.7	1291.8	1442.8	1573.6	1760.9	1922.1	2059.6	2183.7	2312.9
30°	1041.1	1191.1	1409.2	1685.7	1839.1	2022.3	2275.5	2466.7	2682.2	2918.8	3001.7
27.5°	1224.9	1449.7	1702.9	1926.8	2147.1	2375.2	2624.1	2869.7	3103.0	3299.9	3431.9
25°	1395.3	1667.4	1913.5	2152.8	2391.6	2648.5	2929.9	3208.5	3465.2	3667.7	3821.7
22.5°	1571.0	1858.5	2121.8	2364.7	2642.3	2933.4	3232.8	3552.3	3844.4	4054.5	4222.3
20°	1736.2	2056.0	2356.3	2632.8	2895.2	3231.4	3576.1	3915.0	4233.0	4483.4	4676.8
17.5°	1998.5	2276.1	2643.1	3002.2	3298.0	3606.7	4067.3	4417.1	4770.1	5069.9	5275.0
15°	2320.5	2625.7	3004.8	3498.0	3903.2	4256.9	4732.8	5301.8	5718.2	6100.9	6363.4
12.5°	2642.8	2988.1	3398.1	3953.2	4529.9	4946.7	5524.0	6245.0	6730.0	7322.5	7614.6
10°	2889.9	3323.4	3745.6	4252.2	4806.1	5399.5	6021.9	6696.4	7344.4	7853.2	8308.0
7.5°	2989.4	3451.2	3939.9	4456.7	5010.7	5623.0	6286.3	6988.2	7655.1	8223.5	8723.3
5°	3063.7	3536.9	4028.9	4557.3	5149.5	5788.9	6462.1	7199.0	7880.1	8489.2	9000.6
2.5°	3111.0	3588.6	4078.5	4615.7	5238.5	5897.0	6591.7	7348.2	8039.5	8666.6	9176.3
0°	3129.1	3599.8	4101.4	4654.6	5271.1	5931.1	6656.0	7421.3	8118.1	8724.3	9248.8
-2.5°	3131.6	3589.3	4102.9	4653.4	5243.4	5909.5	6643.1	7402.0	8084.7	8688.5	9217.6
-5°	3107.0	3564.6	4078.6	4620.7	5211.5	5872.7	6574.7	7308.1	7959.2	8546.9	9056.3
-7.5°	3057.2	3513.5	4016.1	4545.9	5120.7	5762.0	6436.3	7118.2	7756.9	8320.5	8806.6
-10°	2983.2	3430.0	3915.2	4431.3	4975.2	5585.3	6228.3	6879.7	7478.7	7999.9	8449.5
-12.5°	2883.1	3319.5	3782.9	4275.6	4781.9	5363.5	5970.6	6582.4	7128.3	7604.2	8007.6
-15°	2753.1	3179.3	3628.0	4094.0	4584.9	5110.9	5655.7	6216.9	6720.4	7142.3	7510.9
-17.5°	2599.9	3013.3	3439.4	3871.4	4337.2	4830.6	5336.4	5840.1	6269.6	6644.5	6981.4
-20°	2429.1	2827.4	3232.2	3634.9	4057.5	4513.8	4981.0	5423.5	5798.7	6139.4	6447.7



REPORT NUMBER: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	2237.6	2618.9	3006.8	3383.7	3764.8	4178.0	4595.2	4995.3	5346.3	5637.7	5905.7
-25°	2032.6	2384.9	2751.2	3104.6	3455.4	3825.7	4204.6	4572.8	4881.7	5134.7	5356.1
-27.5°	1826.1	2148.0	2470.8	2803.4	3127.7	3469.4	3812.4	4130.4	4407.8	4640.7	4826.8
-30°	1609.0	1896.8	2191.5	2492.5	2802.1	3114.8	3424.8	3703.2	3945.4	4150.2	4311.0
-32.5°	1428.6	1647.2	1907.4	2180.7	2470.9	2755.8	3025.5	3279.2	3507.4	3686.3	3822.6
-35°	1255.6	1440.8	1635.7	1877.5	2126.9	2389.1	2637.1	2863.6	3067.0	3223.3	3351.6
-37.5°	1107.0	1253.4	1418.2	1590.9	1799.9	2016.7	2240.6	2453.6	2634.9	2771.3	2885.8
-40°	978.3	1093.9	1225.6	1362.5	1516.3	1672.0	1866.9	2046.7	2194.8	2322.2	2426.0
-42.5°	861.9	959.5	1056.8	1169.1	1285.1	1410.3	1547.1	1680.1	1793.7	1900.3	1988.5
-45°	761.5	839.5	917.0	1003.7	1088.9	1190.7	1288.4	1375.6	1467.7	1547.6	1610.4
-47.5°	673.8	734.5	801.0	865.9	934.3	1011.0	1083.7	1150.0	1217.5	1275.9	1322.7
-50°	595.7	646.1	700.3	751.3	806.7	862.7	916.6	969.3	1020.5	1065.0	1099.6
-52.5°	527.4	571.4	613.7	654.3	698.3	739.8	778.7	822.3	862.4	897.4	921.0
-55°	469.3	505.2	539.8	573.7	607.0	638.5	669.5	703.3	734.2	762.0	779.7
-57.5°	414.6	445.2	474.6	502.3	528.7	553.7	579.8	605.8	629.6	650.6	664.2
-60°	364.9	389.9	415.3	437.9	459.2	479.2	501.2	522.0	541.3	557.4	566.8
-62.5°	319.4	341.8	360.5	378.4	396.5	414.5	430.2	445.6	460.4	472.9	481.1
-65°	271.8	290.8	306.7	321.1	334.1	348.1	361.4	373.5	384.2	392.3	397.5
-67.5°	229.3	243.3	256.0	267.4	279.0	290.2	300.4	309.6	317.7	323.3	327.1
-70°	192.3	203.0	213.4	223.8	234.1	242.8	250.2	257.1	263.3	265.9	267.0
-72.5°	159.8	169.3	178.5	187.6	196.2	203.0	208.5	213.4	217.9	214.0	207.2
-75°	130.3	138.6	147.2	155.3	162.9	168.1	172.2	175.9	179.3	170.9	159.3
-77.5°	106.2	113.5	119.8	126.1	132.4	135.7	138.3	140.8	143.3	133.9	122.0
-80°	78.8	84.7	90.1	95.4	100.6	102.5	103.7	104.5	105.0	96.9	87.6
-82.5°	53.2	56.3	59.3	62.3	65.5	67.2	68.4	69.4	70.1	64.4	57.9
-85°	29.8	30.8	31.5	32.1	32.6	33.7	34.6	35.6	36.4	33.7	30.7
-87.5°	10.2	10.2	10.2	10.1	10.0	10.0	10.0	10.0	9.9	9.5	9.1
-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: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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	0.1	0.1
62.5°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
60°	1.4	0.9	0.7	0.7	0.7	0.9	1.4	1.8	2.1	2.8	3.0
57.5°	14.6	12.8	11.5	10.3	11.5	12.8	14.6	15.7	15.7	20.4	21.0
55°	97.6	90.8	82.6	72.9	82.6	90.8	97.6	99.3	95.2	86.9	78.5
52.5°	191.4	197.7	201.4	201.1	201.4	197.7	191.4	184.8	178.6	170.0	162.4
50°	251.9	255.3	255.5	252.7	255.5	255.3	251.9	246.2	239.0	229.1	213.2
47.5°	369.0	364.2	355.9	346.9	355.9	364.2	369.0	364.5	354.5	333.6	293.7
45°	644.0	659.5	658.5	638.6	658.5	659.5	644.0	615.8	573.0	534.1	505.8
42.5°	880.1	903.3	919.8	928.1	919.8	903.3	880.1	851.6	800.6	741.5	678.6
40°	1108.5	1131.0	1140.9	1140.3	1140.9	1131.0	1108.5	1070.3	1002.6	921.3	847.1
37.5°	1349.9	1378.9	1393.0	1386.3	1393.0	1378.9	1349.9	1310.6	1250.2	1152.0	1068.5
35°	1681.8	1709.0	1709.5	1695.7	1709.5	1709.0	1681.8	1656.4	1597.7	1474.1	1413.1
32.5°	2415.4	2424.5	2354.7	2329.9	2354.7	2424.5	2415.4	2312.9	2183.7	2059.6	1922.1
30°	3084.1	3148.6	3208.6	3238.8	3208.6	3148.6	3084.1	3001.7	2918.8	2682.2	2466.7
27.5°	3531.5	3609.0	3657.1	3660.2	3657.1	3609.0	3531.5	3431.9	3299.9	3103.0	2869.7
25°	3938.4	4025.2	4077.6	4095.5	4077.6	4025.2	3938.4	3821.7	3667.7	3465.2	3208.5
22.5°	4364.7	4467.0	4534.7	4548.5	4534.7	4467.0	4364.7	4222.3	4054.5	3844.4	3552.3
20°	4859.3	4978.3	5043.2	5040.6	5043.2	4978.3	4859.3	4676.8	4483.4	4233.0	3915.0
17.5°	5510.5	5638.1	5694.2	5669.6	5694.2	5638.1	5510.5	5275.0	5069.9	4770.1	4417.1
15°	6632.9	6899.8	6898.7	6792.2	6898.7	6899.8	6632.9	6363.4	6100.9	5718.2	5301.8
12.5°	8017.4	8216.3	8420.4	8464.3	8420.4	8216.3	8017.4	7614.6	7322.5	6730.0	6245.0
10°	8691.1	8955.3	9129.6	9125.1	9129.6	8955.3	8691.1	8308.0	7853.2	7344.4	6696.4
7.5°	9112.6	9404.4	9615.8	9611.2	9615.8	9404.4	9112.6	8723.3	8223.5	7655.1	6988.2
5°	9437.8	9761.6	9948.7	9962.6	9948.7	9761.6	9437.8	9000.6	8489.2	7880.1	7199.0
2.5°	9606.9	9944.7	10169.7	10140.1	10169.7	9944.7	9606.9	9176.3	8666.6	8039.5	7348.2
0°	9677.5	10011.9	10221.9	10312.5	10221.9	10011.9	9677.5	9248.8	8724.3	8118.1	7421.3
-2.5°	9646.6	9972.1	10204.1	10213.0	10204.1	9972.1	9646.6	9217.6	8688.5	8084.7	7402.0
-5°	9481.4	9824.8	9980.2	10062.8	9980.2	9824.8	9481.4	9056.3	8546.9	7959.2	7308.1
-7.5°	9214.8	9472.2	9669.6	9760.7	9669.6	9472.2	9214.8	8806.6	8320.5	7756.9	7118.2
-10°	8799.9	9066.3	9233.2	9308.5	9233.2	9066.3	8799.9	8449.5	7999.9	7478.7	6879.7
-12.5°	8340.4	8582.5	8741.2	8804.6	8741.2	8582.5	8340.4	8007.6	7604.2	7128.3	6582.4
-15°	7827.6	8047.5	8193.5	8254.4	8193.5	8047.5	7827.6	7510.9	7142.3	6720.4	6216.9
-17.5°	7263.2	7455.8	7601.3	7645.2	7601.3	7455.8	7263.2	6981.4	6644.5	6269.6	5840.1
-20°	6682.8	6857.0	6976.8	7002.9	6976.8	6857.0	6682.8	6447.7	6139.4	5798.7	5423.5



REPORT NUMBER: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	6098.0	6241.5	6338.8	6371.6	6338.8	6241.5	6098.0	5905.7	5637.7	5346.3	4995.3
-25°	5526.5	5650.4	5728.7	5758.0	5728.7	5650.4	5526.5	5356.1	5134.7	4881.7	4572.8
-27.5°	4976.9	5092.3	5164.2	5173.9	5164.2	5092.3	4976.9	4826.8	4640.7	4407.8	4130.4
-30°	4436.1	4531.4	4586.9	4610.4	4586.9	4531.4	4436.1	4311.0	4150.2	3945.4	3703.2
-32.5°	3930.7	4014.0	4063.8	4077.1	4063.8	4014.0	3930.7	3822.6	3686.3	3507.4	3279.2
-35°	3453.6	3530.4	3574.6	3571.1	3574.6	3530.4	3453.6	3351.6	3223.3	3067.0	2863.6
-37.5°	2980.5	3051.5	3091.6	3087.8	3091.6	3051.5	2980.5	2885.8	2771.3	2634.9	2453.6
-40°	2511.3	2572.5	2607.8	2616.4	2607.8	2572.5	2511.3	2426.0	2322.2	2194.8	2046.7
-42.5°	2061.8	2118.3	2146.6	2135.4	2146.6	2118.3	2061.8	1988.5	1900.3	1793.7	1680.1
-45°	1654.4	1683.6	1702.8	1714.8	1702.8	1683.6	1654.4	1610.4	1547.6	1467.7	1375.6
-47.5°	1357.0	1381.3	1394.3	1396.6	1394.3	1381.3	1357.0	1322.7	1275.9	1217.5	1150.0
-50°	1126.4	1147.0	1156.1	1153.5	1156.1	1147.0	1126.4	1099.6	1065.0	1020.5	969.3
-52.5°	938.1	950.0	958.1	962.0	958.1	950.0	938.1	921.0	897.4	862.4	822.3
-55°	792.9	802.2	807.7	809.5	807.7	802.2	792.9	779.7	762.0	734.2	703.3
-57.5°	675.6	684.4	687.6	686.5	687.6	684.4	675.6	664.2	650.6	629.6	605.8
-60°	574.1	579.1	582.9	584.9	582.9	579.1	574.1	566.8	557.4	541.3	522.0
-62.5°	487.7	492.4	496.4	498.7	496.4	492.4	487.7	481.1	472.9	460.4	445.6
-65°	401.2	403.3	403.8	402.9	403.8	403.3	401.2	397.5	392.3	384.2	373.5
-67.5°	329.8	331.6	332.7	332.9	332.7	331.6	329.8	327.1	323.3	317.7	309.6
-70°	268.1	268.9	268.0	265.9	268.0	268.9	268.1	267.0	265.9	263.3	257.1
-72.5°	200.3	192.9	185.6	177.5	185.6	192.9	200.3	207.2	214.0	217.9	213.4
-75°	147.3	134.8	130.3	126.0	130.3	134.8	147.3	159.3	170.9	179.3	175.9
-77.5°	109.5	96.6	93.1	89.9	93.1	96.6	109.5	122.0	133.9	143.3	140.8
-80°	77.9	67.8	65.5	63.3	65.5	67.8	77.9	87.6	96.9	105.0	104.5
-82.5°	51.1	44.1	42.7	41.2	42.7	44.1	51.1	57.9	64.4	70.1	69.4
-85°	27.5	24.2	23.5	22.8	23.5	24.2	27.5	30.7	33.7	36.4	35.6
-87.5°	8.6	8.1	8.1	8.1	8.1	8.1	8.6	9.1	9.5	9.9	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627072 (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°
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	0.2	0.3	0.4	0.6	0.6	0.5	0.5	0.5
85°	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7
82.5°	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
72.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
70°	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.4	0.5	0.7	0.7
65°	0.2	0.1	0.2	0.3	0.5	0.7	0.7	0.6	0.6	0.7	0.7
62.5°	0.6	0.7	0.6	0.6	0.6	0.9	0.9	1.0	0.9	1.1	1.7
60°	2.4	1.2	2.6	3.1	2.4	2.4	4.2	3.9	1.5	5.5	6.7
57.5°	16.1	14.9	21.3	20.7	12.4	17.7	21.1	14.2	9.9	15.7	18.9
55°	70.6	69.0	67.2	63.3	58.0	54.1	53.3	53.2	42.2	30.6	34.7
52.5°	154.6	137.6	125.5	119.6	111.1	98.3	88.0	86.0	83.4	69.0	57.0
50°	198.6	195.5	182.4	162.2	160.3	147.5	129.6	117.2	115.7	105.8	87.7
47.5°	285.3	285.3	258.3	233.8	226.6	215.4	192.8	159.5	156.4	148.0	127.8
45°	462.3	430.1	415.1	367.8	316.4	296.6	277.7	237.6	204.9	192.0	177.7
42.5°	626.3	578.6	539.1	491.7	435.0	385.4	350.0	306.0	266.4	239.0	218.6
40°	779.8	702.9	648.2	588.5	526.8	465.3	421.5	366.2	321.2	284.4	262.8
37.5°	971.8	866.0	805.2	712.2	634.5	571.0	514.8	444.4	372.0	342.2	315.3
35°	1254.2	1128.9	1057.9	944.8	787.6	731.4	658.2	552.8	461.2	410.0	376.9
32.5°	1760.9	1573.6	1442.8	1291.8	1083.7	935.8	838.5	721.2	574.4	500.7	445.9
30°	2275.5	2022.3	1839.1	1685.7	1409.2	1191.1	1041.1	875.0	716.8	597.1	522.6
27.5°	2624.1	2375.2	2147.1	1926.8	1702.9	1449.7	1224.9	1011.7	838.7	704.9	608.6
25°	2929.9	2648.5	2391.6	2152.8	1913.5	1667.4	1395.3	1155.7	952.5	799.5	673.8
22.5°	3232.8	2933.4	2642.3	2364.7	2121.8	1858.5	1571.0	1295.3	1061.8	903.3	752.3
20°	3576.1	3231.4	2895.2	2632.8	2356.3	2056.0	1736.2	1473.4	1244.6	1027.4	838.1
17.5°	4067.3	3606.7	3298.0	3002.2	2643.1	2276.1	1998.5	1722.9	1441.2	1158.6	928.2
15°	4732.8	4256.9	3903.2	3498.0	3004.8	2625.7	2320.5	1986.0	1652.3	1313.7	1035.4
12.5°	5524.0	4946.7	4529.9	3953.2	3398.1	2988.1	2642.8	2268.4	1858.5	1454.1	1135.1
10°	6021.9	5399.5	4806.1	4252.2	3745.6	3323.4	2889.9	2432.6	1976.7	1559.9	1221.4
7.5°	6286.3	5623.0	5010.7	4456.7	3939.9	3451.2	2989.4	2528.8	2071.8	1642.6	1294.3
5°	6462.1	5788.9	5149.5	4557.3	4028.9	3536.9	3063.7	2594.1	2143.3	1703.6	1353.9
2.5°	6591.7	5897.0	5238.5	4615.7	4078.5	3588.6	3111.0	2632.1	2180.6	1736.3	1374.7
0°	6656.0	5931.1	5271.1	4654.6	4101.4	3599.8	3129.1	2645.9	2189.2	1750.2	1383.3
-2.5°	6643.1	5909.5	5243.4	4653.4	4102.9	3589.3	3131.6	2653.4	2191.6	1760.6	1389.5
-5°	6574.7	5872.7	5211.5	4620.7	4078.6	3564.6	3107.0	2637.2	2174.3	1752.3	1383.7
-7.5°	6436.3	5762.0	5120.7	4545.9	4016.1	3513.5	3057.2	2597.3	2139.5	1723.7	1366.4
-10°	6228.3	5585.3	4975.2	4431.3	3915.2	3430.0	2983.2	2530.0	2082.1	1676.8	1336.5
-12.5°	5970.6	5363.5	4781.9	4275.6	3782.9	3319.5	2883.1	2435.2	2002.2	1611.6	1293.8
-15°	5655.7	5110.9	4584.9	4094.0	3628.0	3179.3	2753.1	2317.0	1900.6	1527.6	1238.4
-17.5°	5336.4	4830.6	4337.2	3871.4	3439.4	3013.3	2599.9	2185.7	1787.3	1437.1	1173.5
-20°	4981.0	4513.8	4057.5	3634.9	3232.2	2827.4	2429.1	2030.8	1657.5	1352.3	1116.1



REPORT NUMBER: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	4595.2	4178.0	3764.8	3383.7	3006.8	2618.9	2237.6	1861.6	1507.5	1257.2	1051.1
-25°	4204.6	3825.7	3455.4	3104.6	2751.2	2384.9	2032.6	1689.4	1396.6	1167.5	980.8
-27.5°	3812.4	3469.4	3127.7	2803.4	2470.8	2148.0	1826.1	1515.0	1276.5	1081.7	915.3
-30°	3424.8	3114.8	2802.1	2492.5	2191.5	1896.8	1609.0	1373.3	1166.0	990.1	842.1
-32.5°	3025.5	2755.8	2470.9	2180.7	1907.4	1647.2	1428.6	1229.9	1050.8	905.6	776.9
-35°	2637.1	2389.1	2126.9	1877.5	1635.7	1440.8	1255.6	1093.2	950.0	821.4	711.9
-37.5°	2240.6	2016.7	1799.9	1590.9	1418.2	1253.4	1107.0	974.4	850.6	748.3	654.1
-40°	1866.9	1672.0	1516.3	1362.5	1225.6	1093.9	978.3	864.3	768.7	678.8	597.7
-42.5°	1547.1	1410.3	1285.1	1169.1	1056.8	959.5	861.9	773.3	689.9	614.5	547.1
-45°	1288.4	1190.7	1088.9	1003.7	917.0	839.5	761.5	688.5	618.4	556.9	497.1
-47.5°	1083.7	1011.0	934.3	865.9	801.0	734.5	673.8	610.8	556.5	501.7	451.8
-50°	916.6	862.7	806.7	751.3	700.3	646.1	595.7	546.2	498.4	452.9	407.5
-52.5°	778.7	739.8	698.3	654.3	613.7	571.4	527.4	487.6	446.3	406.3	366.6
-55°	669.5	638.5	607.0	573.7	539.8	505.2	469.3	433.4	398.0	361.5	331.6
-57.5°	579.8	553.7	528.7	502.3	474.6	445.2	414.6	382.6	353.6	326.0	298.9
-60°	501.2	479.2	459.2	437.9	415.3	389.9	364.9	339.8	314.6	290.7	267.4
-62.5°	430.2	414.5	396.5	378.4	360.5	341.8	319.4	297.2	275.9	255.3	236.1
-65°	361.4	348.1	334.1	321.1	306.7	290.8	271.8	254.5	237.8	220.8	205.0
-67.5°	300.4	290.2	279.0	267.4	256.0	243.3	229.3	214.9	201.5	187.6	175.8
-70°	250.2	242.8	234.1	223.8	213.4	203.0	192.3	181.0	168.8	156.4	146.8
-72.5°	208.5	203.0	196.2	187.6	178.5	169.3	159.8	149.8	139.0	127.5	118.3
-75°	172.2	168.1	162.9	155.3	147.2	138.6	130.3	121.1	110.7	98.9	89.6
-77.5°	138.3	135.7	132.4	126.1	119.8	113.5	106.2	95.5	84.9	74.8	68.0
-80°	103.7	102.5	100.6	95.4	90.1	84.7	78.8	70.7	62.9	55.7	50.1
-82.5°	68.4	67.2	65.5	62.3	59.3	56.3	53.2	47.8	42.4	37.2	32.7
-85°	34.6	33.7	32.6	32.1	31.5	30.8	29.8	26.7	23.7	20.8	18.3
-87.5°	10.0	10.0	10.0	10.1	10.2	10.2	10.2	9.5	8.7	8.0	7.3
-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: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.7	0.7
65°	0.7	0.7	0.7	1.0	1.0	0.7	0.7	1.4	1.2	1.0	0.7
62.5°	1.4	0.7	1.9	2.5	1.6	1.3	1.0	3.0	2.0	1.4	1.0
60°	3.4	2.7	5.1	7.8	5.6	2.2	3.2	5.3	4.9	1.8	1.4
57.5°	17.1	7.8	11.5	15.0	14.2	8.0	6.5	9.0	8.2	4.8	1.9
55°	35.4	30.1	24.0	23.8	24.1	19.0	13.5	14.0	12.4	8.8	2.8
52.5°	53.8	52.1	46.4	37.8	34.7	31.4	25.6	19.8	18.4	13.2	6.9
50°	76.7	72.4	67.9	59.1	48.0	43.5	37.6	30.3	25.0	18.4	11.5
47.5°	102.8	95.5	88.7	80.2	67.9	56.4	49.8	41.1	32.4	25.2	16.0
45°	143.6	120.0	110.7	100.8	88.2	73.8	62.5	51.7	41.9	32.1	20.7
42.5°	185.6	152.6	133.3	122.1	108.9	92.7	75.6	63.6	51.3	39.0	26.1
40°	227.8	187.0	157.7	143.8	130.4	111.5	92.4	75.9	60.6	46.1	32.0
37.5°	273.4	225.5	185.9	166.3	152.2	131.8	109.4	88.6	70.0	53.9	37.9
35°	330.2	271.1	216.5	192.4	173.4	152.5	126.2	102.3	81.4	61.6	43.7
32.5°	394.1	321.5	260.4	220.8	194.9	173.5	144.2	117.8	93.0	69.4	49.4
30°	457.6	373.3	302.0	248.9	217.9	193.3	163.3	133.3	104.9	77.2	55.2
27.5°	506.1	418.0	341.0	282.7	243.2	212.9	182.4	149.0	116.9	85.7	61.5
25°	555.6	459.5	378.9	315.7	268.0	233.0	200.7	164.6	129.7	95.5	67.7
22.5°	613.4	498.8	410.8	345.6	294.3	253.3	218.2	180.4	142.7	105.3	73.7
20°	669.9	535.1	440.2	380.5	323.1	276.0	235.3	195.5	155.4	114.8	79.6
17.5°	727.9	586.0	488.9	416.6	352.8	298.4	252.3	209.9	167.8	124.1	85.2
15°	815.3	654.1	538.1	452.2	381.5	320.4	268.9	223.4	179.6	133.1	90.2
12.5°	897.6	718.2	585.7	487.1	409.0	341.7	285.0	236.0	191.0	140.6	94.3
10°	970.4	777.9	631.4	520.7	435.2	362.1	300.4	245.9	197.7	146.6	98.0
7.5°	1033.8	832.7	674.5	552.7	457.5	376.0	308.2	251.2	202.8	151.8	101.3
5°	1082.2	869.9	698.2	565.4	465.9	382.3	313.9	255.4	206.9	156.3	104.1
2.5°	1098.2	882.3	707.5	572.7	472.0	386.9	318.2	258.6	210.0	160.0	106.4
0°	1105.6	888.3	712.3	576.8	475.8	389.7	321.2	260.8	212.1	162.8	108.3
-2.5°	1113.8	896.5	719.1	583.2	479.8	393.5	324.3	264.2	215.2	166.0	111.4
-5°	1113.2	898.0	721.3	586.3	481.4	395.5	326.1	266.7	217.4	168.3	114.0
-7.5°	1101.4	891.1	718.5	585.7	480.5	395.8	326.6	268.1	218.8	169.8	116.1
-10°	1080.4	876.6	710.4	580.4	477.4	394.0	325.8	268.6	219.3	170.4	117.5
-12.5°	1050.7	856.0	697.4	571.7	471.7	390.3	323.4	267.3	219.0	170.2	118.3
-15°	1012.6	829.6	679.4	559.7	463.5	384.8	319.6	264.7	217.1	169.0	118.5
-17.5°	966.6	797.4	656.4	544.3	452.7	377.6	314.4	261.1	214.5	166.8	118.3
-20°	923.8	763.5	629.9	525.7	439.5	368.5	307.6	256.5	211.3	164.0	117.7

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627072 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	876.0	728.4	606.5	507.9	425.4	357.7	299.5	251.0	207.4	160.8	116.7
-25°	821.4	688.5	579.6	488.1	411.7	347.3	291.1	244.5	203.0	157.1	115.1
-27.5°	770.0	647.4	549.6	465.3	395.9	335.4	282.8	238.4	197.9	153.0	113.1
-30°	717.5	611.6	520.8	441.3	378.5	322.1	273.5	231.9	192.1	149.4	110.6
-32.5°	664.2	572.6	489.9	420.6	361.6	307.8	263.3	225.0	186.1	145.9	108.5
-35°	618.4	534.3	456.8	398.3	344.3	295.6	253.2	217.6	179.9	141.8	106.2
-37.5°	569.7	495.3	431.0	376.1	325.7	282.4	243.5	208.9	173.6	137.3	103.5
-40°	526.0	459.0	403.2	354.6	309.0	268.0	232.6	199.6	167.6	132.4	100.3
-42.5°	481.6	425.9	376.1	331.5	292.3	254.8	220.8	189.8	159.9	127.8	96.7
-45°	442.6	392.1	348.1	310.6	274.8	240.5	209.3	179.5	151.7	123.0	92.8
-47.5°	402.4	359.5	322.0	288.7	257.5	225.6	197.1	170.0	143.1	117.8	88.9
-50°	364.8	328.6	297.4	267.6	238.5	211.7	184.9	160.2	135.3	110.8	84.5
-52.5°	331.5	301.3	273.5	246.4	221.4	197.2	174.0	150.3	127.2	103.9	79.7
-55°	302.0	275.1	250.0	226.6	204.2	184.2	162.8	140.9	118.7	96.8	74.5
-57.5°	273.7	249.5	228.2	207.4	188.3	170.9	151.9	131.2	110.1	89.4	69.8
-60°	245.3	225.8	206.9	189.4	172.9	157.1	141.0	121.2	101.3	81.7	64.3
-62.5°	218.1	201.8	187.2	171.8	156.7	142.8	129.7	110.8	92.1	74.1	58.1
-65°	191.4	178.9	167.1	152.7	139.5	127.9	117.1	100.1	82.4	66.1	51.7
-67.5°	165.0	154.6	144.1	132.4	122.6	113.2	103.6	88.2	72.1	57.6	45.1
-70°	138.2	129.5	122.0	114.5	106.4	98.1	88.5	75.5	61.3	49.5	38.4
-72.5°	112.1	106.7	102.2	97.0	90.1	82.2	73.2	62.6	51.6	41.2	31.4
-75°	86.3	85.2	83.8	80.5	73.9	66.5	59.2	51.0	41.6	32.7	25.6
-77.5°	68.0	67.5	66.6	64.2	58.5	52.4	46.1	39.2	32.1	26.0	20.1
-80°	50.4	50.3	49.8	48.4	43.4	38.3	33.9	29.5	24.3	19.3	14.5
-82.5°	33.1	33.6	33.8	33.4	30.0	26.8	23.6	20.4	16.4	12.5	9.7
-85°	18.9	19.3	19.4	19.1	17.1	15.1	13.7	12.4	10.2	8.3	6.5
-87.5°	7.8	8.3	8.7	8.9	8.2	7.5	6.9	6.2	5.1	4.2	3.3
-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-SA3B-722-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
67.5°	0.8	0.7	0.7	0.7	0.5	0.3	0.0
65°	0.9	0.8	0.7	0.7	0.6	0.3	0.0
62.5°	1.0	1.0	0.7	0.7	0.6	0.3	0.0
60°	1.1	1.1	0.7	0.7	0.7	0.3	0.0
57.5°	2.0	1.4	0.9	0.7	0.7	0.4	0.0
55°	3.0	1.6	1.1	0.7	0.7	0.4	0.0
52.5°	4.2	2.0	1.4	0.7	0.7	0.4	0.0
50°	5.6	3.3	1.6	0.7	0.8	0.4	0.0
47.5°	7.5	4.6	1.9	0.7	0.8	0.5	0.0
45°	11.5	6.1	2.1	1.0	0.8	0.5	0.0
42.5°	15.4	7.6	2.4	1.2	0.8	0.5	0.0
40°	19.4	9.2	3.2	1.4	0.9	0.5	0.0
37.5°	23.3	10.9	4.4	1.7	0.9	0.6	0.0
35°	27.2	13.6	5.7	2.1	0.9	0.6	0.0
32.5°	31.3	16.7	7.0	2.5	1.0	0.6	0.0
30°	35.9	19.7	8.3	2.9	1.0	0.6	0.0
27.5°	40.4	22.6	9.8	3.3	1.0	0.6	0.0
25°	44.7	25.4	11.3	3.7	1.1	0.6	0.0
22.5°	48.8	28.1	12.7	4.2	1.1	0.6	0.0
20°	52.7	30.8	14.1	4.6	1.2	0.7	0.0
17.5°	56.4	33.3	15.5	5.1	1.2	0.7	0.0
15°	59.7	35.6	16.8	5.6	1.3	0.7	0.0
12.5°	62.8	37.8	18.0	6.0	1.3	0.7	0.0
10°	65.6	39.8	19.1	6.5	1.3	0.7	0.0
7.5°	68.1	41.5	20.2	6.9	1.4	0.7	0.0
5°	70.3	43.1	21.2	7.3	1.4	0.7	0.0
2.5°	72.1	44.5	22.0	7.7	1.5	0.7	0.0
0°	73.7	45.7	22.8	8.1	1.5	0.7	0.0
-2.5°	75.7	47.1	23.9	8.6	1.7	0.7	0.0
-5°	77.4	48.4	24.8	9.1	1.9	0.8	0.0
-7.5°	78.7	49.3	25.6	9.5	2.1	0.8	0.0
-10°	79.6	50.1	26.2	9.9	2.3	0.9	0.0
-12.5°	80.2	50.5	26.7	10.2	2.5	0.9	0.0
-15°	80.3	50.8	27.0	10.5	2.7	1.0	0.0
-17.5°	80.1	50.7	27.2	10.7	2.9	1.0	0.0
-20°	79.9	50.5	27.2	10.8	3.0	1.0	0.0

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CATALOG NUMBER: GFLD-SA3B-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	79.9	49.9	26.9	10.9	3.2	1.0	0.0
-25°	79.6	49.7	26.5	10.9	3.3	1.1	0.0
-27.5°	78.8	49.5	25.9	10.8	3.4	1.1	0.0
-30°	77.6	49.0	25.2	10.6	3.4	1.1	0.0
-32.5°	76.1	48.1	24.9	10.4	3.5	1.1	0.0
-35°	74.6	47.0	24.3	10.1	3.5	1.1	0.0
-37.5°	72.9	45.7	23.6	9.7	3.5	1.1	0.0
-40°	70.8	44.6	22.7	9.2	3.5	1.1	0.0
-42.5°	68.3	43.2	22.0	8.8	3.5	1.1	0.0
-45°	65.4	41.5	21.5	8.5	3.4	1.0	0.0
-47.5°	62.0	39.5	20.9	8.0	3.4	1.0	0.0
-50°	59.2	37.3	20.0	7.9	3.2	1.0	0.0
-52.5°	56.0	34.8	18.9	7.8	3.1	1.0	0.0
-55°	52.6	32.7	17.6	7.5	3.0	0.9	0.0
-57.5°	48.8	30.5	16.1	7.2	2.8	0.9	0.0
-60°	44.8	28.0	14.4	6.8	2.6	0.8	0.0
-62.5°	40.8	25.2	13.4	6.4	2.4	0.8	0.0
-65°	36.5	22.1	12.3	5.8	2.3	0.7	0.0
-67.5°	31.9	19.3	11.0	5.1	2.1	0.7	0.0
-70°	26.9	17.0	9.5	4.4	1.9	0.6	0.0
-72.5°	22.8	14.4	8.0	3.9	1.7	0.5	0.0
-75°	18.8	11.7	6.3	3.4	1.5	0.5	0.0
-77.5°	14.5	8.8	5.3	2.9	1.2	0.4	0.0
-80°	10.0	6.7	4.3	2.3	1.0	0.3	0.0
-82.5°	7.4	5.1	3.2	1.8	0.8	0.2	0.0
-85°	4.9	3.4	2.2	1.2	0.5	0.2	0.0
-87.5°	2.5	1.7	1.1	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)