

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: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626983 (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-SA2D-735-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N50  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

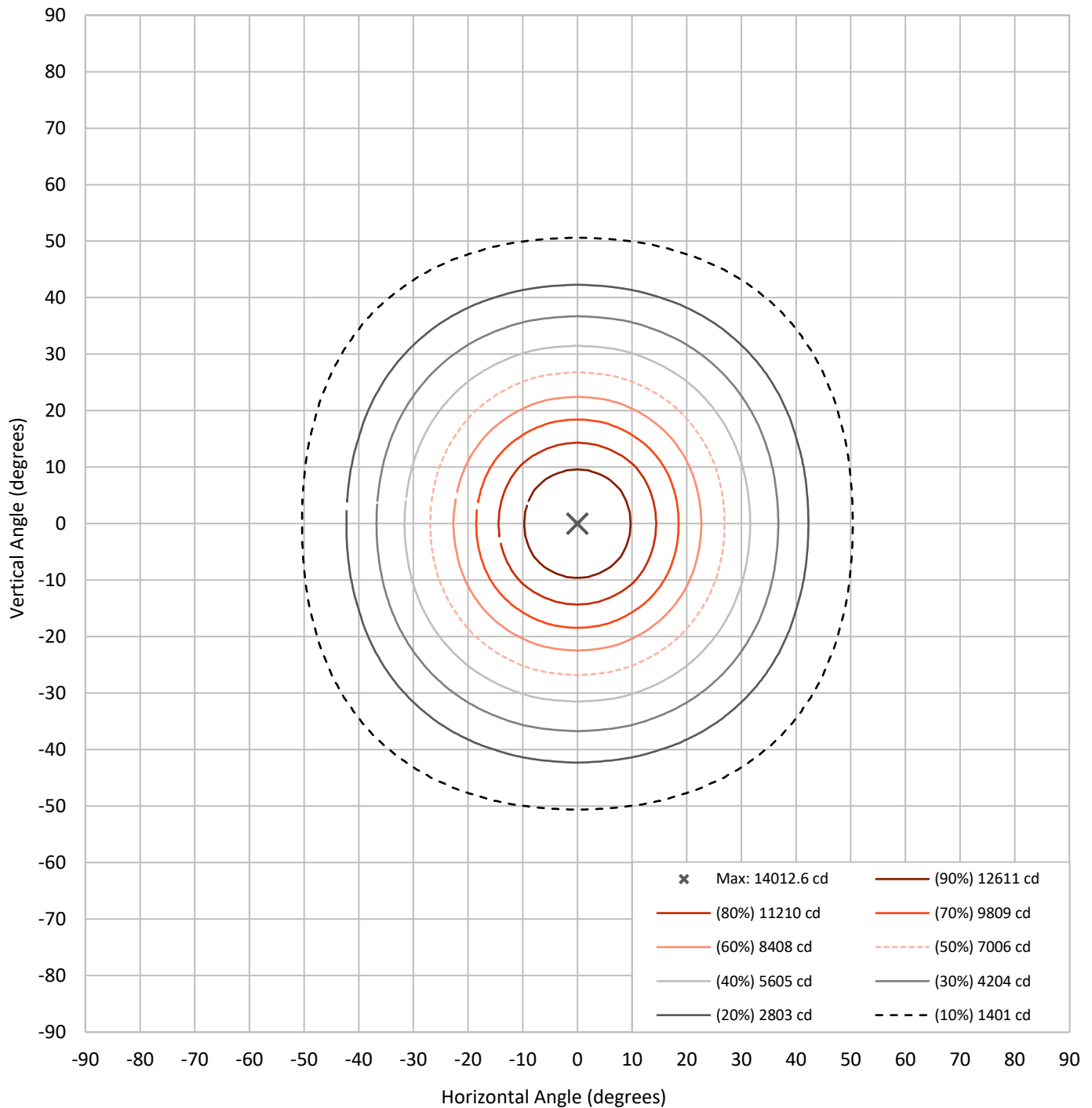
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14261.5 lumens	Max Intensity:	14012.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6819 lumens	Field Lumens:	12586.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	108.7		
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





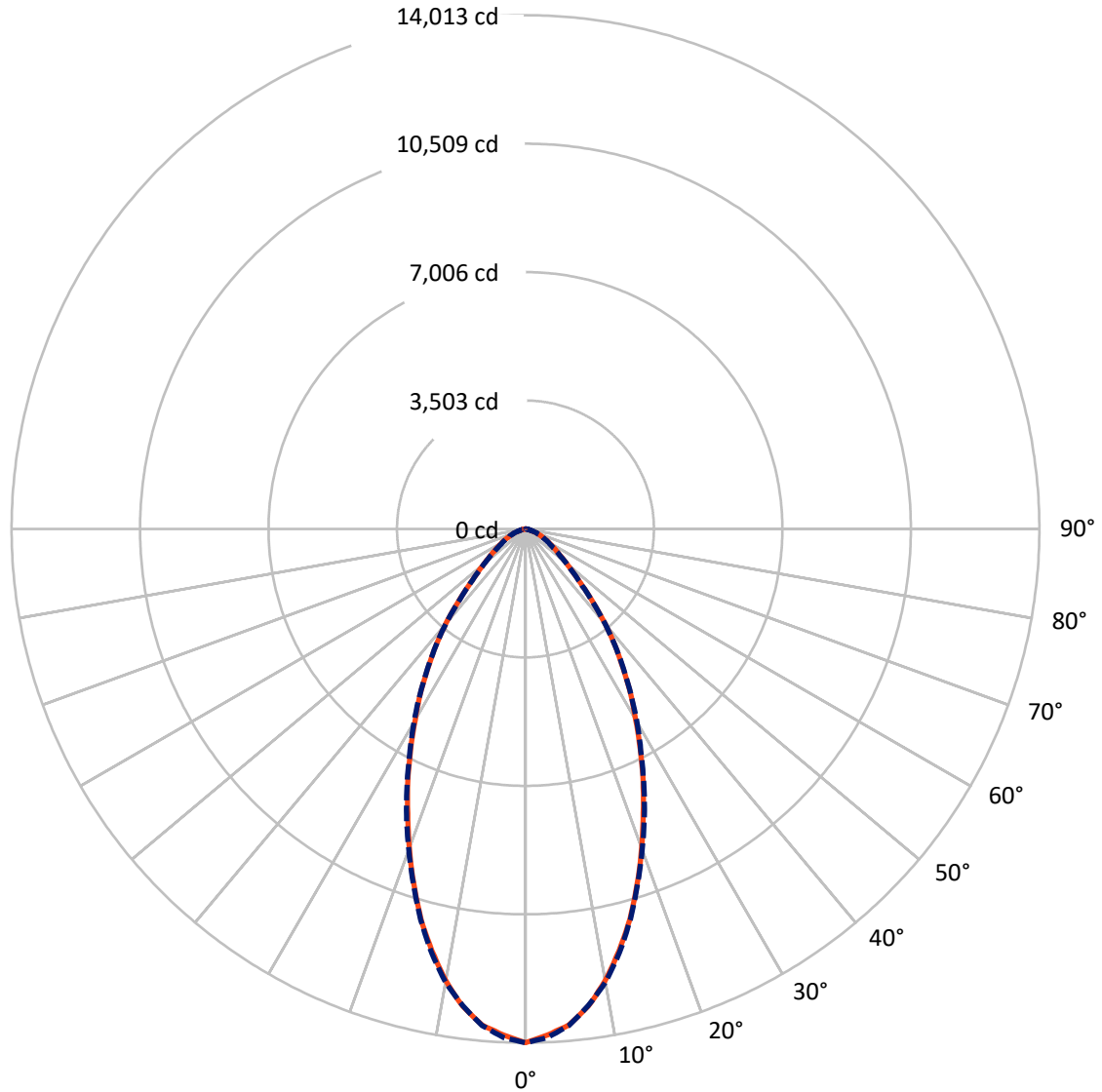
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### Lumen Table

90															90	
80	0.5	3.9		9.0		14.9		12.8		14.9		9.0		3.9		0.5
70															70	
60	1.9	2.2	4.1	6.6	9.5	12.3	14.5	15.5	15.5	14.5	12.3	9.5	6.6	4.1	2.2	1.9
50		3.1	6.2	10.7	16.4	22.6	28.2	31.4	31.4	28.2	22.6	16.4	10.7	6.2	3.1	
40	2.7	3.9	8.5	16.0	26.9	41.4	57.1	67.5	67.5	57.1	41.4	26.9	16.0	8.5	3.9	2.7
30		4.8	11.2	23.2	45.2	80.3	116.6	138.3	138.3	116.6	80.3	45.2	23.2	11.2	4.8	
20	3.2	5.6	14.0	32.5	73.1	131.3	188.0	224.7	224.7	188.0	131.3	73.1	32.5	14.0	5.6	3.2
10		6.2	16.4	42.2	99.7	177.4	261.9	322.2	322.2	261.9	177.4	99.7	42.2	16.4	6.2	
0	3.4	6.5	17.7	48.4	114.8	206.2	313.8	394.6	394.6	313.8	206.2	114.8	48.4	17.7	6.5	3.4
-10		6.5	17.7	48.4	114.8	206.2	313.8	394.6	394.6	313.8	206.2	114.8	48.4	17.7	6.5	
-20	3.2	6.2	16.4	42.2	99.7	177.4	261.9	322.2	322.2	261.9	177.4	99.7	42.2	16.4	6.2	3.2
-30		5.6	14.0	32.5	73.1	131.3	188.0	224.7	224.7	188.0	131.3	73.1	32.5	14.0	5.6	
-40	2.7	4.8	11.2	23.2	45.2	80.3	116.6	138.3	138.3	116.6	80.3	45.2	23.2	11.2	4.8	2.7
-50		3.9	8.5	16.0	26.9	41.4	57.1	67.5	67.5	57.1	41.4	26.9	16.0	8.5	3.9	
-60	1.9	3.1	6.2	10.7	16.4	22.6	28.2	31.4	31.4	28.2	22.6	16.4	10.7	6.2	3.1	1.9
-70		2.2	4.1	6.6	9.5	12.3	14.5	15.5	15.5	14.5	12.3	9.5	6.6	4.1	2.2	
-80															-80	
-90	0.5	3.9		9.0		14.9		12.8		14.9		9.0		3.9		0.5
-90																
-80																
-70																
-60																
-50																
-40																
-30																
-20																
-10																
0																
10																
20																
30																
40																
50																
60																
70																
80																
90																

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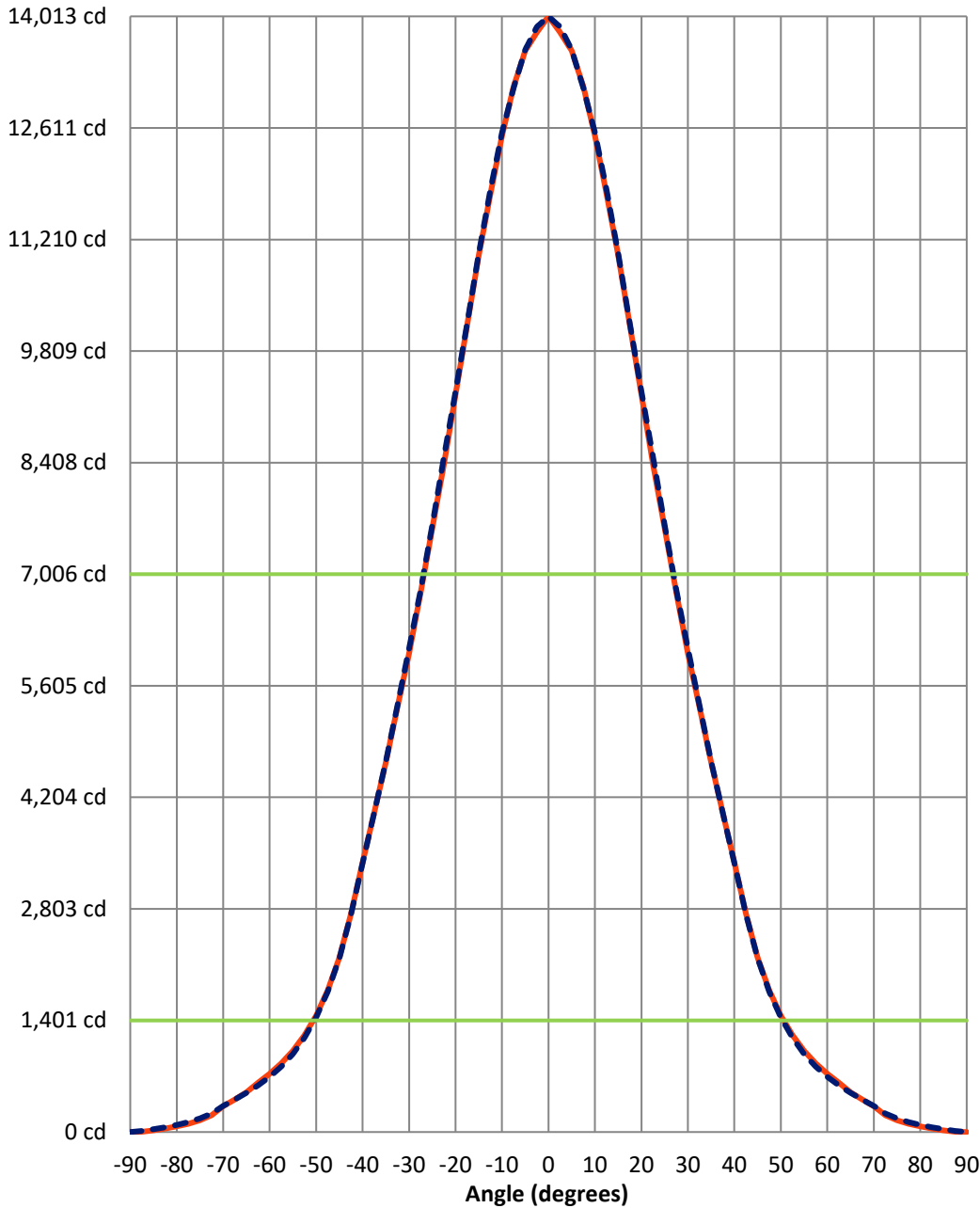
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 6819  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 12586.3  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 1675.2  
 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	0.7	1.6	2.7	3.9	5.2	6.6	7.4	8.0	8.4	8.8
85°	0.0	1.4	3.3	5.3	7.7	10.4	13.3	14.7	15.9	16.9	17.6
82.5°	0.0	2.1	4.9	8.0	11.5	15.5	19.8	22.1	24.4	28.2	31.7
80°	0.0	2.8	6.5	10.6	15.3	20.5	26.9	33.5	39.2	44.3	48.8
77.5°	0.0	3.5	8.1	13.2	19.0	26.7	38.5	47.0	54.1	60.4	66.7
75°	0.0	4.2	9.6	15.8	23.0	35.0	49.7	60.4	68.9	77.6	86.8
72.5°	0.0	4.9	11.2	18.3	28.6	43.0	60.6	73.6	83.8	94.8	106.5
70°	0.0	5.5	12.6	20.9	33.9	50.6	70.9	86.1	98.5	111.8	127.5
67.5°	0.0	6.2	14.1	24.1	39.0	58.0	79.8	98.3	112.8	129.4	148.2
65°	0.0	6.8	15.5	27.2	43.8	64.7	88.3	110.2	127.0	146.3	167.7
62.5°	0.0	7.4	16.8	30.2	48.4	70.8	96.4	121.5	140.6	162.5	186.0
60°	0.0	8.0	18.1	32.9	52.7	76.6	103.9	132.2	153.6	178.2	203.6
57.5°	0.0	8.6	19.7	35.5	56.6	82.0	110.7	141.8	166.7	193.4	219.9
55°	0.0	9.1	21.2	37.9	60.3	86.9	116.9	149.5	179.5	207.9	235.5
52.5°	0.0	9.6	22.7	40.1	63.7	91.5	122.7	157.8	191.9	221.8	250.7
50°	0.0	10.1	24.1	42.1	66.8	95.6	127.9	165.7	203.7	235.3	267.4
47.5°	0.0	10.6	25.4	43.9	69.5	99.4	132.7	172.9	215.5	248.4	283.8
45°	0.0	11.1	26.7	45.7	71.9	102.7	138.2	179.3	223.9	262.7	299.7
42.5°	0.0	11.5	27.9	47.3	74.0	105.6	143.0	185.6	231.6	276.4	316.1
40°	0.0	11.9	29.0	49.0	75.9	108.1	147.3	191.7	239.2	289.1	332.0
37.5°	0.0	12.2	30.0	50.7	77.6	110.1	150.9	197.2	247.5	299.2	347.0
35°	0.0	12.5	31.0	52.4	78.9	112.3	153.9	202.2	255.5	310.2	362.4
32.5°	0.0	12.8	31.9	53.8	80.0	114.5	156.7	206.5	263.1	321.4	378.2
30°	0.0	13.1	32.7	55.2	80.7	116.1	159.8	210.7	270.4	332.8	393.1
27.5°	0.0	13.3	33.4	56.4	82.5	117.3	162.3	215.9	277.9	344.1	407.0
25°	0.0	13.5	34.0	57.4	84.1	118.0	164.2	220.6	286.3	355.3	420.0
22.5°	0.0	13.7	34.6	58.3	85.6	118.9	165.6	224.7	294.3	365.5	434.2
20°	0.0	13.8	35.0	59.0	86.9	121.1	166.4	228.2	301.8	374.7	447.0
17.5°	0.0	14.0	35.4	59.5	87.9	122.9	168.3	231.0	308.7	382.9	458.2
15°	0.0	14.0	35.7	60.0	88.7	124.3	170.5	233.6	315.0	389.9	467.8
12.5°	0.0	14.1	35.9	60.2	89.4	125.3	172.1	236.0	320.3	395.7	475.8
10°	0.0	14.1	36.1	60.4	89.8	125.9	173.2	237.3	324.4	400.6	482.3
7.5°	0.0	14.1	36.1	60.3	89.9	126.2	173.6	237.6	327.3	404.3	487.3
5°	0.0	14.1	36.0	60.2	89.9	126.1	173.4	236.9	328.8	406.9	490.6
2.5°	0.0	14.0	35.9	59.9	89.6	125.6	172.6	235.2	329.0	408.1	492.3
0°	0.0	13.9	35.7	59.4	89.1	124.8	171.3	232.7	327.8	408.0	492.2
-2.5°	0.0	14.0	35.9	59.9	89.6	125.6	172.6	235.2	329.0	408.1	492.3
-5°	0.0	14.1	36.0	60.2	89.9	126.1	173.4	236.9	328.8	406.9	490.6
-7.5°	0.0	14.1	36.1	60.3	89.9	126.2	173.6	237.6	327.3	404.3	487.3
-10°	0.0	14.1	36.1	60.4	89.8	125.9	173.2	237.3	324.4	400.6	482.3
-12.5°	0.0	14.1	35.9	60.2	89.4	125.3	172.1	236.0	320.3	395.7	475.8
-15°	0.0	14.0	35.7	60.0	88.7	124.3	170.5	233.6	315.0	389.9	467.8
-17.5°	0.0	14.0	35.4	59.5	87.9	122.9	168.3	231.0	308.7	382.9	458.2
-20°	0.0	13.8	35.0	59.0	86.9	121.1	166.4	228.2	301.8	374.7	447.0

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Scaled Data Report



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	13.7	34.6	58.3	85.6	118.9	165.6	224.7	294.3	365.5	434.2
-25°	0.0	13.5	34.0	57.4	84.1	118.0	164.2	220.6	286.3	355.3	420.0
-27.5°	0.0	13.3	33.4	56.4	82.5	117.3	162.3	215.9	277.9	344.1	407.0
-30°	0.0	13.1	32.7	55.2	80.7	116.1	159.8	210.7	270.4	332.8	393.1
-32.5°	0.0	12.8	31.9	53.8	80.0	114.5	156.7	206.5	263.1	321.4	378.2
-35°	0.0	12.5	31.0	52.4	78.9	112.3	153.9	202.2	255.5	310.2	362.4
-37.5°	0.0	12.2	30.0	50.7	77.6	110.1	150.9	197.2	247.5	299.2	347.0
-40°	0.0	11.9	29.0	49.0	75.9	108.1	147.3	191.7	239.2	289.1	332.0
-42.5°	0.0	11.5	27.9	47.3	74.0	105.6	143.0	185.6	231.6	276.4	316.1
-45°	0.0	11.1	26.7	45.7	71.9	102.7	138.2	179.3	223.9	262.7	299.7
-47.5°	0.0	10.6	25.4	43.9	69.5	99.4	132.7	172.9	215.5	248.4	283.8
-50°	0.0	10.1	24.1	42.1	66.8	95.6	127.9	165.7	203.7	235.3	267.4
-52.5°	0.0	9.6	22.7	40.1	63.7	91.5	122.7	157.8	191.9	221.8	250.7
-55°	0.0	9.1	21.2	37.9	60.3	86.9	116.9	149.5	179.5	207.9	235.5
-57.5°	0.0	8.6	19.7	35.5	56.6	82.0	110.7	141.8	166.7	193.4	219.9
-60°	0.0	8.0	18.1	32.9	52.7	76.6	103.9	132.2	153.6	178.2	203.6
-62.5°	0.0	7.4	16.8	30.2	48.4	70.8	96.4	121.5	140.6	162.5	186.0
-65°	0.0	6.8	15.5	27.2	43.8	64.7	88.3	110.2	127.0	146.3	167.7
-67.5°	0.0	6.2	14.1	24.1	39.0	58.0	79.8	98.3	112.8	129.4	148.2
-70°	0.0	5.5	12.6	20.9	33.9	50.6	70.9	86.1	98.5	111.8	127.5
-72.5°	0.0	4.9	11.2	18.3	28.6	43.0	60.6	73.6	83.8	94.8	106.5
-75°	0.0	4.2	9.6	15.8	23.0	35.0	49.7	60.4	68.9	77.6	86.8
-77.5°	0.0	3.5	8.1	13.2	19.0	26.7	38.5	47.0	54.1	60.4	66.7
-80°	0.0	2.8	6.5	10.6	15.3	20.5	26.9	33.5	39.2	44.3	48.8
-82.5°	0.0	2.1	4.9	8.0	11.5	15.5	19.8	22.1	24.4	28.2	31.7
-85°	0.0	1.4	3.3	5.3	7.7	10.4	13.3	14.7	15.9	16.9	17.6
-87.5°	0.0	0.7	1.6	2.7	3.9	5.2	6.6	7.4	8.0	8.4	8.8
-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°	8.9	8.9	8.8	8.6	8.2	7.7	7.0	6.3	6.6	6.8	7.1
85°	17.9	17.9	19.4	20.8	21.4	21.5	21.0	20.1	22.7	25.7	28.9
82.5°	34.9	37.9	40.8	43.5	43.7	43.0	41.7	40.2	45.5	51.9	58.6
80°	53.4	57.9	63.1	67.9	69.0	68.5	67.0	64.5	71.5	81.4	92.1
77.5°	74.2	81.2	87.8	93.9	95.6	95.4	94.3	92.3	101.2	114.9	129.1
75°	96.0	104.6	113.1	120.6	123.8	124.0	123.6	125.7	137.4	153.4	167.6
72.5°	118.8	129.7	139.3	147.6	152.7	156.6	161.7	168.1	179.9	195.6	209.5
70°	142.9	155.0	165.1	174.2	182.1	190.6	201.6	212.5	224.9	240.6	255.0
67.5°	166.7	179.0	190.4	201.6	215.9	229.6	243.2	257.4	273.1	289.6	304.2
65°	188.7	202.6	216.5	232.8	251.4	266.9	283.7	302.2	322.7	341.3	358.2
62.5°	209.8	225.5	242.7	262.4	282.5	302.0	324.6	348.3	372.3	395.6	418.7
60°	227.7	247.2	268.1	290.3	313.6	340.1	366.5	394.8	423.4	451.5	480.0
57.5°	244.9	269.0	293.1	319.0	348.0	378.2	410.0	441.8	476.1	510.0	542.4
55°	262.7	291.1	318.5	349.2	382.4	418.0	453.8	492.4	530.3	573.0	612.4
52.5°	281.8	312.6	344.9	380.0	418.8	458.8	500.9	545.1	592.3	639.8	687.9
50°	300.3	335.2	371.0	413.0	456.4	502.2	550.8	602.3	657.2	712.1	770.4
47.5°	319.7	356.9	400.7	446.3	496.0	548.2	603.2	664.4	725.4	794.6	861.4
45°	338.9	381.7	429.2	482.1	536.7	595.4	660.8	728.1	806.0	884.2	972.0
42.5°	357.3	406.6	460.2	516.8	578.9	646.4	718.8	803.4	891.3	988.0	1091.0
40°	378.4	430.4	490.8	554.1	621.4	698.5	785.7	879.6	986.7	1101.3	1218.4
37.5°	398.9	457.3	521.0	589.7	667.8	754.6	850.8	966.0	1089.6	1219.9	1379.1
35°	418.1	482.9	552.1	627.3	711.9	812.6	927.6	1054.9	1197.4	1365.3	1551.1
32.5°	438.5	507.2	581.5	665.8	761.6	871.6	1002.3	1152.0	1320.6	1511.9	1744.4
30°	459.1	532.1	610.6	701.9	808.5	935.8	1084.2	1249.7	1443.7	1683.6	1956.5
27.5°	478.1	555.4	641.4	740.1	854.1	994.9	1163.0	1357.0	1585.5	1856.6	2175.4
25°	495.6	576.6	669.7	776.6	904.3	1058.8	1241.0	1455.9	1727.3	2050.7	2442.9
22.5°	512.2	596.0	695.3	809.3	949.6	1120.6	1325.7	1571.6	1871.6	2234.5	2704.9
20°	527.8	616.9	720.7	840.7	990.0	1176.4	1403.6	1679.5	2021.1	2450.6	2961.8
17.5°	541.6	635.3	744.8	874.5	1035.1	1233.2	1477.0	1774.9	2154.1	2643.7	3198.9
15°	553.3	651.2	765.6	903.9	1075.7	1289.5	1554.1	1879.5	2292.8	2819.2	3407.0
12.5°	563.2	664.5	783.1	928.5	1109.8	1337.2	1619.9	1972.6	2428.0	2984.5	3589.7
10°	571.0	675.2	797.2	948.4	1137.3	1375.9	1674.1	2048.9	2540.4	3126.2	3744.3
7.5°	577.5	683.5	808.0	963.5	1158.1	1405.5	1716.3	2107.7	2628.3	3238.4	3863.0
5°	582.2	689.5	816.2	974.1	1173.4	1426.1	1745.9	2148.8	2690.8	3319.7	3944.0
2.5°	584.8	692.8	820.9	979.8	1182.8	1437.8	1761.4	2174.6	2725.1	3366.1	3993.1
0°	585.3	693.3	822.0	980.5	1185.5	1440.0	1763.8	2182.7	2732.4	3378.1	4010.9
-2.5°	584.8	692.8	820.9	979.8	1182.8	1437.8	1761.4	2174.6	2725.1	3366.1	3993.1
-5°	582.2	689.5	816.2	974.1	1173.4	1426.1	1745.9	2148.8	2690.8	3319.7	3944.0
-7.5°	577.5	683.5	808.0	963.5	1158.1	1405.5	1716.3	2107.7	2628.3	3238.4	3863.0
-10°	571.0	675.2	797.2	948.4	1137.3	1375.9	1674.1	2048.9	2540.4	3126.2	3744.3
-12.5°	563.2	664.5	783.1	928.5	1109.8	1337.2	1619.9	1972.6	2428.0	2984.5	3589.7
-15°	553.3	651.2	765.6	903.9	1075.7	1289.5	1554.1	1879.5	2292.8	2819.2	3407.0
-17.5°	541.6	635.3	744.8	874.5	1035.1	1233.2	1477.0	1774.9	2154.1	2643.7	3198.9
-20°	527.8	616.9	720.7	840.7	990.0	1176.4	1403.6	1679.5	2021.1	2450.6	2961.8



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	512.2	596.0	695.3	809.3	949.6	1120.6	1325.7	1571.6	1871.6	2234.5	2704.9
-25°	495.6	576.6	669.7	776.6	904.3	1058.8	1241.0	1455.9	1727.3	2050.7	2442.9
-27.5°	478.1	555.4	641.4	740.1	854.1	994.9	1163.0	1357.0	1585.5	1856.6	2175.4
-30°	459.1	532.1	610.6	701.9	808.5	935.8	1084.2	1249.7	1443.7	1683.6	1956.5
-32.5°	438.5	507.2	581.5	665.8	761.6	871.6	1002.3	1152.0	1320.6	1511.9	1744.4
-35°	418.1	482.9	552.1	627.3	711.9	812.6	927.6	1054.9	1197.4	1365.3	1551.1
-37.5°	398.9	457.3	521.0	589.7	667.8	754.6	850.8	966.0	1089.6	1219.9	1379.1
-40°	378.4	430.4	490.8	554.1	621.4	698.5	785.7	879.6	986.7	1101.3	1218.4
-42.5°	357.3	406.6	460.2	516.8	578.9	646.4	718.8	803.4	891.3	988.0	1091.0
-45°	338.9	381.7	429.2	482.1	536.7	595.4	660.8	728.1	806.0	884.2	972.0
-47.5°	319.7	356.9	400.7	446.3	496.0	548.2	603.2	664.4	725.4	794.6	861.4
-50°	300.3	335.2	371.0	413.0	456.4	502.2	550.8	602.3	657.2	712.1	770.4
-52.5°	281.8	312.6	344.9	380.0	418.8	458.8	500.9	545.1	592.3	639.8	687.9
-55°	262.7	291.1	318.5	349.2	382.4	418.0	453.8	492.4	530.3	573.0	612.4
-57.5°	244.9	269.0	293.1	319.0	348.0	378.2	410.0	441.8	476.1	510.0	542.4
-60°	227.7	247.2	268.1	290.3	313.6	340.1	366.5	394.8	423.4	451.5	480.0
-62.5°	209.8	225.5	242.7	262.4	282.5	302.0	324.6	348.3	372.3	395.6	418.7
-65°	188.7	202.6	216.5	232.8	251.4	266.9	283.7	302.2	322.7	341.3	358.2
-67.5°	166.7	179.0	190.4	201.6	215.9	229.6	243.2	257.4	273.1	289.6	304.2
-70°	142.9	155.0	165.1	174.2	182.1	190.6	201.6	212.5	224.9	240.6	255.0
-72.5°	118.8	129.7	139.3	147.6	152.7	156.6	161.7	168.1	179.9	195.6	209.5
-75°	96.0	104.6	113.1	120.6	123.8	124.0	123.6	125.7	137.4	153.4	167.6
-77.5°	74.2	81.2	87.8	93.9	95.6	95.4	94.3	92.3	101.2	114.9	129.1
-80°	53.4	57.9	63.1	67.9	69.0	68.5	67.0	64.5	71.5	81.4	92.1
-82.5°	34.9	37.9	40.8	43.5	43.7	43.0	41.7	40.2	45.5	51.9	58.6
-85°	17.9	17.9	19.4	20.8	21.4	21.5	21.0	20.1	22.7	25.7	28.9
-87.5°	8.9	8.9	8.8	8.6	8.2	7.7	7.0	6.3	6.6	6.8	7.1
-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: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	7.3	7.1	6.8	6.6	6.3	6.1	6.0	5.9	5.7	5.3	4.9
85°	32.2	32.9	33.3	33.5	33.5	34.6	35.6	36.5	37.3	33.8	30.0
82.5°	65.5	68.6	71.3	73.9	76.6	78.4	79.8	80.8	81.5	73.7	65.0
80°	103.1	109.5	114.9	120.0	124.9	126.1	126.1	125.4	124.0	113.5	101.5
77.5°	143.4	151.8	158.5	165.2	171.7	174.1	175.3	176.2	176.8	163.8	147.7
75°	179.9	190.0	199.4	208.1	216.1	220.4	222.9	225.0	226.6	213.4	196.2
72.5°	221.6	232.3	242.4	252.1	260.6	266.2	269.9	273.0	275.3	267.9	257.1
70°	267.4	278.4	289.1	299.2	308.8	316.4	322.4	327.6	331.8	332.7	332.3
67.5°	318.2	331.3	344.1	355.0	366.4	377.2	386.6	394.5	400.7	404.9	407.2
65°	375.4	395.0	412.4	427.2	439.6	453.9	466.5	476.1	482.9	488.1	492.5
62.5°	442.6	466.4	486.4	506.1	526.4	546.2	558.5	570.9	583.0	594.5	604.2
60°	507.4	533.5	560.5	585.6	608.9	630.4	652.6	672.2	689.4	703.8	714.5
57.5°	576.4	608.1	638.8	670.8	700.9	728.9	756.3	781.6	803.5	821.8	836.9
55°	651.3	690.1	726.6	767.1	806.5	842.3	875.3	909.2	939.7	966.5	987.8
52.5°	732.0	782.5	830.8	878.5	929.4	975.4	1016.6	1063.5	1105.1	1139.5	1166.3
50°	828.5	887.8	951.6	1010.6	1074.9	1138.2	1196.6	1253.1	1308.4	1356.3	1394.9
47.5°	938.3	1011.2	1090.2	1168.5	1248.3	1334.9	1412.1	1483.9	1561.2	1628.3	1682.2
45°	1060.4	1153.3	1248.8	1358.7	1460.1	1571.3	1674.2	1766.7	1876.3	1972.9	2050.7
42.5°	1195.7	1319.6	1445.1	1583.7	1718.1	1859.3	2009.2	2142.2	2287.7	2426.3	2538.4
40°	1363.6	1511.6	1679.7	1847.4	2040.4	2221.7	2440.2	2638.7	2819.0	2984.3	3119.8
37.5°	1550.0	1740.6	1951.8	2170.3	2434.4	2693.2	2948.9	3190.3	3403.4	3584.4	3736.2
35°	1761.7	2003.9	2259.7	2578.7	2888.1	3198.1	3486.9	3750.7	3982.5	4186.7	4360.3
32.5°	2005.3	2295.9	2654.0	3012.3	3365.3	3706.6	4023.7	4311.4	4565.6	4794.9	4994.5
30°	2261.3	2657.8	3059.8	3452.9	3838.4	4212.2	4560.3	4877.2	5164.5	5419.6	5649.6
27.5°	2586.6	3026.1	3464.4	3888.1	4312.2	4721.4	5098.6	5450.7	5780.3	6068.7	6331.6
25°	2901.3	3386.8	3852.7	4314.8	4776.4	5215.7	5637.4	6035.0	6412.6	6743.6	7037.1
22.5°	3216.0	3724.1	4222.0	4718.8	5214.6	5704.4	6177.9	6633.6	7055.8	7432.7	7763.1
20°	3507.4	4038.5	4571.0	5106.6	5644.0	6180.1	6712.0	7224.8	7695.1	8130.3	8512.6
17.5°	3768.6	4333.5	4898.1	5470.9	6053.6	6635.6	7226.4	7801.2	8338.9	8834.0	9277.7
15°	4000.0	4589.4	5195.8	5813.9	6439.6	7071.7	7716.3	8359.4	8964.7	9527.1	10022.4
12.5°	4202.3	4815.1	5450.6	6107.4	6786.4	7475.1	8178.6	8883.6	9553.6	10202.9	10737.7
10°	4369.1	5007.0	5671.2	6361.4	7077.5	7818.6	8573.4	9332.3	10070.5	10759.3	11370.8
7.5°	4498.0	5159.8	5844.2	6562.0	7313.4	8094.9	8894.4	9699.8	10487.6	11229.7	11906.4
5°	4589.0	5271.0	5964.1	6710.7	7488.1	8298.1	9129.0	9968.3	10791.8	11572.2	12273.4
2.5°	4641.8	5337.8	6033.8	6801.1	7592.1	8421.0	9274.5	10127.5	10972.8	11782.2	12502.8
0°	4655.7	5357.8	6073.9	6810.7	7624.8	8478.5	9301.4	10157.1	11035.6	11833.8	12551.8
-2.5°	4641.8	5337.8	6033.8	6801.1	7592.1	8421.0	9274.5	10127.5	10972.8	11782.2	12502.8
-5°	4589.0	5271.0	5964.1	6710.7	7488.1	8298.1	9129.0	9968.3	10791.8	11572.2	12273.4
-7.5°	4498.0	5159.8	5844.2	6562.0	7313.4	8094.9	8894.4	9699.8	10487.6	11229.7	11906.4
-10°	4369.1	5007.0	5671.2	6361.4	7077.5	7818.6	8573.4	9332.3	10070.5	10759.3	11370.8
-12.5°	4202.3	4815.1	5450.6	6107.4	6786.4	7475.1	8178.6	8883.6	9553.6	10202.9	10737.7
-15°	4000.0	4589.4	5195.8	5813.9	6439.6	7071.7	7716.3	8359.4	8964.7	9527.1	10022.4
-17.5°	3768.6	4333.5	4898.1	5470.9	6053.6	6635.6	7226.4	7801.2	8338.9	8834.0	9277.7
-20°	3507.4	4038.5	4571.0	5106.6	5644.0	6180.1	6712.0	7224.8	7695.1	8130.3	8512.6



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	3216.0	3724.1	4222.0	4718.8	5214.6	5704.4	6177.9	6633.6	7055.8	7432.7	7763.1
-25°	2901.3	3386.8	3852.7	4314.8	4776.4	5215.7	5637.4	6035.0	6412.6	6743.6	7037.1
-27.5°	2586.6	3026.1	3464.4	3888.1	4312.2	4721.4	5098.6	5450.7	5780.3	6068.7	6331.6
-30°	2261.3	2657.8	3059.8	3452.9	3838.4	4212.2	4560.3	4877.2	5164.5	5419.6	5649.6
-32.5°	2005.3	2295.9	2654.0	3012.3	3365.3	3706.6	4023.7	4311.4	4565.6	4794.9	4994.5
-35°	1761.7	2003.9	2259.7	2578.7	2888.1	3198.1	3486.9	3750.7	3982.5	4186.7	4360.3
-37.5°	1550.0	1740.6	1951.8	2170.3	2434.4	2693.2	2948.9	3190.3	3403.4	3584.4	3736.2
-40°	1363.6	1511.6	1679.7	1847.4	2040.4	2221.7	2440.2	2638.7	2819.0	2984.3	3119.8
-42.5°	1195.7	1319.6	1445.1	1583.7	1718.1	1859.3	2009.2	2142.2	2287.7	2426.3	2538.4
-45°	1060.4	1153.3	1248.8	1358.7	1460.1	1571.3	1674.2	1766.7	1876.3	1972.9	2050.7
-47.5°	938.3	1011.2	1090.2	1168.5	1248.3	1334.9	1412.1	1483.9	1561.2	1628.3	1682.2
-50°	828.5	887.8	951.6	1010.6	1074.9	1138.2	1196.6	1253.1	1308.4	1356.3	1394.9
-52.5°	732.0	782.5	830.8	878.5	929.4	975.4	1016.6	1063.5	1105.1	1139.5	1166.3
-55°	651.3	690.1	726.6	767.1	806.5	842.3	875.3	909.2	939.7	966.5	987.8
-57.5°	576.4	608.1	638.8	670.8	700.9	728.9	756.3	781.6	803.5	821.8	836.9
-60°	507.4	533.5	560.5	585.6	608.9	630.4	652.6	672.2	689.4	703.8	714.5
-62.5°	442.6	466.4	486.4	506.1	526.4	546.2	558.5	570.9	583.0	594.5	604.2
-65°	375.4	395.0	412.4	427.2	439.6	453.9	466.5	476.1	482.9	488.1	492.5
-67.5°	318.2	331.3	344.1	355.0	366.4	377.2	386.6	394.5	400.7	404.9	407.2
-70°	267.4	278.4	289.1	299.2	308.8	316.4	322.4	327.6	331.8	332.7	332.3
-72.5°	221.6	232.3	242.4	252.1	260.6	266.2	269.9	273.0	275.3	267.9	257.1
-75°	179.9	190.0	199.4	208.1	216.1	220.4	222.9	225.0	226.6	213.4	196.2
-77.5°	143.4	151.8	158.5	165.2	171.7	174.1	175.3	176.2	176.8	163.8	147.7
-80°	103.1	109.5	114.9	120.0	124.9	126.1	126.1	125.4	124.0	113.5	101.5
-82.5°	65.5	68.6	71.3	73.9	76.6	78.4	79.8	80.8	81.5	73.7	65.0
-85°	32.2	32.9	33.3	33.5	33.5	34.6	35.6	36.5	37.3	33.8	30.0
-87.5°	7.3	7.1	6.8	6.6	6.3	6.1	6.0	5.9	5.7	5.3	4.9
-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: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	4.4	4.0	3.5	3.0	3.5	4.0	4.4	4.9	5.3	5.7	5.9
85°	25.9	21.7	21.3	20.8	21.3	21.7	25.9	30.0	33.8	37.3	36.5
82.5°	55.9	46.4	45.0	43.6	45.0	46.4	55.9	65.0	73.7	81.5	80.8
80°	89.1	76.2	73.7	71.3	73.7	76.2	89.1	101.5	113.5	124.0	125.4
77.5°	130.7	113.1	107.9	103.0	107.9	113.1	130.7	147.7	163.8	176.8	176.2
75°	178.2	159.7	153.4	147.6	153.4	159.7	178.2	196.2	213.4	226.6	225.0
72.5°	246.2	234.9	223.4	210.9	223.4	234.9	246.2	257.1	267.9	275.3	273.0
70°	332.0	331.2	328.3	323.8	328.3	331.2	332.0	332.3	332.7	331.8	327.6
67.5°	408.2	407.8	408.8	409.0	408.8	407.8	408.2	407.2	404.9	400.7	394.5
65°	495.2	496.1	498.2	499.1	498.2	496.1	495.2	492.5	488.1	482.9	476.1
62.5°	611.7	616.7	619.3	619.0	619.3	616.7	611.7	604.2	594.5	583.0	570.9
60°	722.5	727.8	731.1	731.9	731.1	727.8	722.5	714.5	703.8	689.4	672.2
57.5°	848.8	857.4	862.0	862.6	862.0	857.4	848.8	836.9	821.8	803.5	781.6
55°	1004.2	1015.5	1020.7	1020.1	1020.7	1015.5	1004.2	987.8	966.5	939.7	909.2
52.5°	1186.5	1200.4	1210.8	1217.1	1210.8	1200.4	1186.5	1166.3	1139.5	1105.1	1063.5
50°	1424.0	1443.9	1456.6	1461.8	1456.6	1443.9	1424.0	1394.9	1356.3	1308.4	1253.1
47.5°	1721.1	1747.5	1767.1	1780.7	1767.1	1747.5	1721.1	1682.2	1628.3	1561.2	1483.9
45°	2108.1	2148.4	2175.7	2191.7	2175.7	2148.4	2108.1	2050.7	1972.9	1876.3	1766.7
42.5°	2625.9	2688.3	2726.6	2741.3	2726.6	2688.3	2625.9	2538.4	2426.3	2287.7	2142.2
40°	3226.8	3301.8	3351.1	3385.0	3351.1	3301.8	3226.8	3119.8	2984.3	2819.0	2638.7
37.5°	3852.7	3931.5	3979.4	4011.9	3979.4	3931.5	3852.7	3736.2	3584.4	3403.4	3190.3
35°	4491.2	4573.6	4618.6	4643.8	4618.6	4573.6	4491.2	4360.3	4186.7	3982.5	3750.7
32.5°	5146.7	5237.6	5286.5	5337.0	5286.5	5237.6	5146.7	4994.5	4794.9	4565.6	4311.4
30°	5831.4	5935.7	5986.9	6011.5	5986.9	5935.7	5831.4	5649.6	5419.6	5164.5	4877.2
27.5°	6543.8	6673.8	6737.8	6780.0	6737.8	6673.8	6543.8	6331.6	6068.7	5780.3	5450.7
25°	7285.1	7446.2	7519.5	7585.1	7519.5	7446.2	7285.1	7037.1	6743.6	6412.6	6035.0
22.5°	8054.1	8254.8	8339.7	8386.3	8339.7	8254.8	8054.1	7763.1	7432.7	7055.8	6633.6
20°	8843.3	9083.1	9201.1	9261.8	9201.1	9083.1	8843.3	8512.6	8130.3	7695.1	7224.8
17.5°	9650.3	9948.5	10101.2	10136.3	10101.2	9948.5	9650.3	9277.7	8834.0	8338.9	7801.2
15°	10442.5	10765.1	10945.6	11011.8	10945.6	10765.1	10442.5	10022.4	9527.1	8964.7	8359.4
12.5°	11192.8	11527.1	11742.8	11781.3	11742.8	11527.1	11192.8	10737.7	10202.9	9553.6	8883.6
10°	11873.2	12219.6	12457.8	12512.2	12457.8	12219.6	11873.2	11370.8	10759.3	10070.5	9332.3
7.5°	12442.1	12822.1	13085.4	13131.2	13085.4	12822.1	12442.1	11906.4	11229.7	10487.6	9699.8
5°	12858.3	13309.5	13525.5	13579.8	13525.5	13309.5	12858.3	12273.4	11572.2	10791.8	9968.3
2.5°	13086.7	13545.9	13846.2	13811.5	13846.2	13545.9	13086.7	12502.8	11782.2	10972.8	10127.5
0°	13112.3	13592.7	13879.9	14012.6	13879.9	13592.7	13112.3	12551.8	11833.8	11035.6	10157.1
-2.5°	13086.7	13545.9	13846.2	13811.5	13846.2	13545.9	13086.7	12502.8	11782.2	10972.8	10127.5
-5°	12858.3	13309.5	13525.5	13579.8	13525.5	13309.5	12858.3	12273.4	11572.2	10791.8	9968.3
-7.5°	12442.1	12822.1	13085.4	13131.2	13085.4	12822.1	12442.1	11906.4	11229.7	10487.6	9699.8
-10°	11873.2	12219.6	12457.8	12512.2	12457.8	12219.6	11873.2	11370.8	10759.3	10070.5	9332.3
-12.5°	11192.8	11527.1	11742.8	11781.3	11742.8	11527.1	11192.8	10737.7	10202.9	9553.6	8883.6
-15°	10442.5	10765.1	10945.6	11011.8	10945.6	10765.1	10442.5	10022.4	9527.1	8964.7	8359.4
-17.5°	9650.3	9948.5	10101.2	10136.3	10101.2	9948.5	9650.3	9277.7	8834.0	8338.9	7801.2
-20°	8843.3	9083.1	9201.1	9261.8	9201.1	9083.1	8843.3	8512.6	8130.3	7695.1	7224.8



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	8054.1	8254.8	8339.7	8386.3	8339.7	8254.8	8054.1	7763.1	7432.7	7055.8	6633.6
-25°	7285.1	7446.2	7519.5	7585.1	7519.5	7446.2	7285.1	7037.1	6743.6	6412.6	6035.0
-27.5°	6543.8	6673.8	6737.8	6780.0	6737.8	6673.8	6543.8	6331.6	6068.7	5780.3	5450.7
-30°	5831.4	5935.7	5986.9	6011.5	5986.9	5935.7	5831.4	5649.6	5419.6	5164.5	4877.2
-32.5°	5146.7	5237.6	5286.5	5337.0	5286.5	5237.6	5146.7	4994.5	4794.9	4565.6	4311.4
-35°	4491.2	4573.6	4618.6	4643.8	4618.6	4573.6	4491.2	4360.3	4186.7	3982.5	3750.7
-37.5°	3852.7	3931.5	3979.4	4011.9	3979.4	3931.5	3852.7	3736.2	3584.4	3403.4	3190.3
-40°	3226.8	3301.8	3351.1	3385.0	3351.1	3301.8	3226.8	3119.8	2984.3	2819.0	2638.7
-42.5°	2625.9	2688.3	2726.6	2741.3	2726.6	2688.3	2625.9	2538.4	2426.3	2287.7	2142.2
-45°	2108.1	2148.4	2175.7	2191.7	2175.7	2148.4	2108.1	2050.7	1972.9	1876.3	1766.7
-47.5°	1721.1	1747.5	1767.1	1780.7	1767.1	1747.5	1721.1	1682.2	1628.3	1561.2	1483.9
-50°	1424.0	1443.9	1456.6	1461.8	1456.6	1443.9	1424.0	1394.9	1356.3	1308.4	1253.1
-52.5°	1186.5	1200.4	1210.8	1217.1	1210.8	1200.4	1186.5	1166.3	1139.5	1105.1	1063.5
-55°	1004.2	1015.5	1020.7	1020.1	1020.7	1015.5	1004.2	987.8	966.5	939.7	909.2
-57.5°	848.8	857.4	862.0	862.6	862.0	857.4	848.8	836.9	821.8	803.5	781.6
-60°	722.5	727.8	731.1	731.9	731.1	727.8	722.5	714.5	703.8	689.4	672.2
-62.5°	611.7	616.7	619.3	619.0	619.3	616.7	611.7	604.2	594.5	583.0	570.9
-65°	495.2	496.1	498.2	499.1	498.2	496.1	495.2	492.5	488.1	482.9	476.1
-67.5°	408.2	407.8	408.8	409.0	408.8	407.8	408.2	407.2	404.9	400.7	394.5
-70°	332.0	331.2	328.3	323.8	328.3	331.2	332.0	332.3	332.7	331.8	327.6
-72.5°	246.2	234.9	223.4	210.9	223.4	234.9	246.2	257.1	267.9	275.3	273.0
-75°	178.2	159.7	153.4	147.6	153.4	159.7	178.2	196.2	213.4	226.6	225.0
-77.5°	130.7	113.1	107.9	103.0	107.9	113.1	130.7	147.7	163.8	176.8	176.2
-80°	89.1	76.2	73.7	71.3	73.7	76.2	89.1	101.5	113.5	124.0	125.4
-82.5°	55.9	46.4	45.0	43.6	45.0	46.4	55.9	65.0	73.7	81.5	80.8
-85°	25.9	21.7	21.3	20.8	21.3	21.7	25.9	30.0	33.8	37.3	36.5
-87.5°	4.4	4.0	3.5	3.0	3.5	4.0	4.4	4.9	5.3	5.7	5.9
-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-SA2D-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°	6.0	6.1	6.3	6.6	6.8	7.1	7.3	7.1	6.8	6.6	6.3
85°	35.6	34.6	33.5	33.5	33.3	32.9	32.2	28.9	25.7	22.7	20.1
82.5°	79.8	78.4	76.6	73.9	71.3	68.6	65.5	58.6	51.9	45.5	40.2
80°	126.1	126.1	124.9	120.0	114.9	109.5	103.1	92.1	81.4	71.5	64.5
77.5°	175.3	174.1	171.7	165.2	158.5	151.8	143.4	129.1	114.9	101.2	92.3
75°	222.9	220.4	216.1	208.1	199.4	190.0	179.9	167.6	153.4	137.4	125.7
72.5°	269.9	266.2	260.6	252.1	242.4	232.3	221.6	209.5	195.6	179.9	168.1
70°	322.4	316.4	308.8	299.2	289.1	278.4	267.4	255.0	240.6	224.9	212.5
67.5°	386.6	377.2	366.4	355.0	344.1	331.3	318.2	304.2	289.6	273.1	257.4
65°	466.5	453.9	439.6	427.2	412.4	395.0	375.4	358.2	341.3	322.7	302.2
62.5°	558.5	546.2	526.4	506.1	486.4	466.4	442.6	418.7	395.6	372.3	348.3
60°	652.6	630.4	608.9	585.6	560.5	533.5	507.4	480.0	451.5	423.4	394.8
57.5°	756.3	728.9	700.9	670.8	638.8	608.1	576.4	542.4	510.0	476.1	441.8
55°	875.3	842.3	806.5	767.1	726.6	690.1	651.3	612.4	573.0	530.3	492.4
52.5°	1016.6	975.4	929.4	878.5	830.8	782.5	732.0	687.9	639.8	592.3	545.1
50°	1196.6	1138.2	1074.9	1010.6	951.6	887.8	828.5	770.4	712.1	657.2	602.3
47.5°	1412.1	1334.9	1248.3	1168.5	1090.2	1011.2	938.3	861.4	794.6	725.4	664.4
45°	1674.2	1571.3	1460.1	1358.7	1248.8	1153.3	1060.4	972.0	884.2	806.0	728.1
42.5°	2009.2	1859.3	1718.1	1583.7	1445.1	1319.6	1195.7	1091.0	988.0	891.3	803.4
40°	2440.2	2221.7	2040.4	1847.4	1679.7	1511.6	1363.6	1218.4	1101.3	986.7	879.6
37.5°	2948.9	2693.2	2434.4	2170.3	1951.8	1740.6	1550.0	1379.1	1219.9	1089.6	966.0
35°	3486.9	3198.1	2888.1	2578.7	2259.7	2003.9	1761.7	1551.1	1365.3	1197.4	1054.9
32.5°	4023.7	3706.6	3365.3	3012.3	2654.0	2295.9	2005.3	1744.4	1511.9	1320.6	1152.0
30°	4560.3	4212.2	3838.4	3452.9	3059.8	2657.8	2261.3	1956.5	1683.6	1443.7	1249.7
27.5°	5098.6	4721.4	4312.2	3888.1	3464.4	3026.1	2586.6	2175.4	1856.6	1585.5	1357.0
25°	5637.4	5215.7	4776.4	4314.8	3852.7	3386.8	2901.3	2442.9	2050.7	1727.3	1455.9
22.5°	6177.9	5704.4	5214.6	4718.8	4222.0	3724.1	3216.0	2704.9	2234.5	1871.6	1571.6
20°	6712.0	6180.1	5644.0	5106.6	4571.0	4038.5	3507.4	2961.8	2450.6	2021.1	1679.5
17.5°	7226.4	6635.6	6053.6	5470.9	4898.1	4333.5	3768.6	3198.9	2643.7	2154.1	1774.9
15°	7716.3	7071.7	6439.6	5813.9	5195.8	4589.4	4000.0	3407.0	2819.2	2292.8	1879.5
12.5°	8178.6	7475.1	6786.4	6107.4	5450.6	4815.1	4202.3	3589.7	2984.5	2428.0	1972.6
10°	8573.4	7818.6	7077.5	6361.4	5671.2	5007.0	4369.1	3744.3	3126.2	2540.4	2048.9
7.5°	8894.4	8094.9	7313.4	6562.0	5844.2	5159.8	4498.0	3863.0	3238.4	2628.3	2107.7
5°	9129.0	8298.1	7488.1	6710.7	5964.1	5271.0	4589.0	3944.0	3319.7	2690.8	2148.8
2.5°	9274.5	8421.0	7592.1	6801.1	6033.8	5337.8	4641.8	3993.1	3366.1	2725.1	2174.6
0°	9301.4	8478.5	7624.8	6810.7	6073.9	5357.8	4655.7	4010.9	3378.1	2732.4	2182.7
-2.5°	9274.5	8421.0	7592.1	6801.1	6033.8	5337.8	4641.8	3993.1	3366.1	2725.1	2174.6
-5°	9129.0	8298.1	7488.1	6710.7	5964.1	5271.0	4589.0	3944.0	3319.7	2690.8	2148.8
-7.5°	8894.4	8094.9	7313.4	6562.0	5844.2	5159.8	4498.0	3863.0	3238.4	2628.3	2107.7
-10°	8573.4	7818.6	7077.5	6361.4	5671.2	5007.0	4369.1	3744.3	3126.2	2540.4	2048.9
-12.5°	8178.6	7475.1	6786.4	6107.4	5450.6	4815.1	4202.3	3589.7	2984.5	2428.0	1972.6
-15°	7716.3	7071.7	6439.6	5813.9	5195.8	4589.4	4000.0	3407.0	2819.2	2292.8	1879.5
-17.5°	7226.4	6635.6	6053.6	5470.9	4898.1	4333.5	3768.6	3198.9	2643.7	2154.1	1774.9
-20°	6712.0	6180.1	5644.0	5106.6	4571.0	4038.5	3507.4	2961.8	2450.6	2021.1	1679.5



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	6177.9	5704.4	5214.6	4718.8	4222.0	3724.1	3216.0	2704.9	2234.5	1871.6	1571.6
-25°	5637.4	5215.7	4776.4	4314.8	3852.7	3386.8	2901.3	2442.9	2050.7	1727.3	1455.9
-27.5°	5098.6	4721.4	4312.2	3888.1	3464.4	3026.1	2586.6	2175.4	1856.6	1585.5	1357.0
-30°	4560.3	4212.2	3838.4	3452.9	3059.8	2657.8	2261.3	1956.5	1683.6	1443.7	1249.7
-32.5°	4023.7	3706.6	3365.3	3012.3	2654.0	2295.9	2005.3	1744.4	1511.9	1320.6	1152.0
-35°	3486.9	3198.1	2888.1	2578.7	2259.7	2003.9	1761.7	1551.1	1365.3	1197.4	1054.9
-37.5°	2948.9	2693.2	2434.4	2170.3	1951.8	1740.6	1550.0	1379.1	1219.9	1089.6	966.0
-40°	2440.2	2221.7	2040.4	1847.4	1679.7	1511.6	1363.6	1218.4	1101.3	986.7	879.6
-42.5°	2009.2	1859.3	1718.1	1583.7	1445.1	1319.6	1195.7	1091.0	988.0	891.3	803.4
-45°	1674.2	1571.3	1460.1	1358.7	1248.8	1153.3	1060.4	972.0	884.2	806.0	728.1
-47.5°	1412.1	1334.9	1248.3	1168.5	1090.2	1011.2	938.3	861.4	794.6	725.4	664.4
-50°	1196.6	1138.2	1074.9	1010.6	951.6	887.8	828.5	770.4	712.1	657.2	602.3
-52.5°	1016.6	975.4	929.4	878.5	830.8	782.5	732.0	687.9	639.8	592.3	545.1
-55°	875.3	842.3	806.5	767.1	726.6	690.1	651.3	612.4	573.0	530.3	492.4
-57.5°	756.3	728.9	700.9	670.8	638.8	608.1	576.4	542.4	510.0	476.1	441.8
-60°	652.6	630.4	608.9	585.6	560.5	533.5	507.4	480.0	451.5	423.4	394.8
-62.5°	558.5	546.2	526.4	506.1	486.4	466.4	442.6	418.7	395.6	372.3	348.3
-65°	466.5	453.9	439.6	427.2	412.4	395.0	375.4	358.2	341.3	322.7	302.2
-67.5°	386.6	377.2	366.4	355.0	344.1	331.3	318.2	304.2	289.6	273.1	257.4
-70°	322.4	316.4	308.8	299.2	289.1	278.4	267.4	255.0	240.6	224.9	212.5
-72.5°	269.9	266.2	260.6	252.1	242.4	232.3	221.6	209.5	195.6	179.9	168.1
-75°	222.9	220.4	216.1	208.1	199.4	190.0	179.9	167.6	153.4	137.4	125.7
-77.5°	175.3	174.1	171.7	165.2	158.5	151.8	143.4	129.1	114.9	101.2	92.3
-80°	126.1	126.1	124.9	120.0	114.9	109.5	103.1	92.1	81.4	71.5	64.5
-82.5°	79.8	78.4	76.6	73.9	71.3	68.6	65.5	58.6	51.9	45.5	40.2
-85°	35.6	34.6	33.5	33.5	33.3	32.9	32.2	28.9	25.7	22.7	20.1
-87.5°	6.0	6.1	6.3	6.6	6.8	7.1	7.3	7.1	6.8	6.6	6.3
-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: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	7.0	7.7	8.2	8.6	8.8	8.9	8.9	8.8	8.4	8.0	7.4
85°	21.0	21.5	21.4	20.8	19.4	17.9	17.9	17.6	16.9	15.9	14.7
82.5°	41.7	43.0	43.7	43.5	40.8	37.9	34.9	31.7	28.2	24.4	22.1
80°	67.0	68.5	69.0	67.9	63.1	57.9	53.4	48.8	44.3	39.2	33.5
77.5°	94.3	95.4	95.6	93.9	87.8	81.2	74.2	66.7	60.4	54.1	47.0
75°	123.6	124.0	123.8	120.6	113.1	104.6	96.0	86.8	77.6	68.9	60.4
72.5°	161.7	156.6	152.7	147.6	139.3	129.7	118.8	106.5	94.8	83.8	73.6
70°	201.6	190.6	182.1	174.2	165.1	155.0	142.9	127.5	111.8	98.5	86.1
67.5°	243.2	229.6	215.9	201.6	190.4	179.0	166.7	148.2	129.4	112.8	98.3
65°	283.7	266.9	251.4	232.8	216.5	202.6	188.7	167.7	146.3	127.0	110.2
62.5°	324.6	302.0	282.5	262.4	242.7	225.5	209.8	186.0	162.5	140.6	121.5
60°	366.5	340.1	313.6	290.3	268.1	247.2	227.7	203.6	178.2	153.6	132.2
57.5°	410.0	378.2	348.0	319.0	293.1	269.0	244.9	219.9	193.4	166.7	141.8
55°	453.8	418.0	382.4	349.2	318.5	291.1	262.7	235.5	207.9	179.5	149.5
52.5°	500.9	458.8	418.8	380.0	344.9	312.6	281.8	250.7	221.8	191.9	157.8
50°	550.8	502.2	456.4	413.0	371.0	335.2	300.3	267.4	235.3	203.7	165.7
47.5°	603.2	548.2	496.0	446.3	400.7	356.9	319.7	283.8	248.4	215.5	172.9
45°	660.8	595.4	536.7	482.1	429.2	381.7	338.9	299.7	262.7	223.9	179.3
42.5°	718.8	646.4	578.9	516.8	460.2	406.6	357.3	316.1	276.4	231.6	185.6
40°	785.7	698.5	621.4	554.1	490.8	430.4	378.4	332.0	289.1	239.2	191.7
37.5°	850.8	754.6	667.8	589.7	521.0	457.3	398.9	347.0	299.2	247.5	197.2
35°	927.6	812.6	711.9	627.3	552.1	482.9	418.1	362.4	310.2	255.5	202.2
32.5°	1002.3	871.6	761.6	665.8	581.5	507.2	438.5	378.2	321.4	263.1	206.5
30°	1084.2	935.8	808.5	701.9	610.6	532.1	459.1	393.1	332.8	270.4	210.7
27.5°	1163.0	994.9	854.1	740.1	641.4	555.4	478.1	407.0	344.1	277.9	215.9
25°	1241.0	1058.8	904.3	776.6	669.7	576.6	495.6	420.0	355.3	286.3	220.6
22.5°	1325.7	1120.6	949.6	809.3	695.3	596.0	512.2	434.2	365.5	294.3	224.7
20°	1403.6	1176.4	990.0	840.7	720.7	616.9	527.8	447.0	374.7	301.8	228.2
17.5°	1477.0	1233.2	1035.1	874.5	744.8	635.3	541.6	458.2	382.9	308.7	231.0
15°	1554.1	1289.5	1075.7	903.9	765.6	651.2	553.3	467.8	389.9	315.0	233.6
12.5°	1619.9	1337.2	1109.8	928.5	783.1	664.5	563.2	475.8	395.7	320.3	236.0
10°	1674.1	1375.9	1137.3	948.4	797.2	675.2	571.0	482.3	400.6	324.4	237.3
7.5°	1716.3	1405.5	1158.1	963.5	808.0	683.5	577.5	487.3	404.3	327.3	237.6
5°	1745.9	1426.1	1173.4	974.1	816.2	689.5	582.2	490.6	406.9	328.8	236.9
2.5°	1761.4	1437.8	1182.8	979.8	820.9	692.8	584.8	492.3	408.1	329.0	235.2
0°	1763.8	1440.0	1185.5	980.5	822.0	693.3	585.3	492.2	408.0	327.8	232.7
-2.5°	1761.4	1437.8	1182.8	979.8	820.9	692.8	584.8	492.3	408.1	329.0	235.2
-5°	1745.9	1426.1	1173.4	974.1	816.2	689.5	582.2	490.6	406.9	328.8	236.9
-7.5°	1716.3	1405.5	1158.1	963.5	808.0	683.5	577.5	487.3	404.3	327.3	237.6
-10°	1674.1	1375.9	1137.3	948.4	797.2	675.2	571.0	482.3	400.6	324.4	237.3
-12.5°	1619.9	1337.2	1109.8	928.5	783.1	664.5	563.2	475.8	395.7	320.3	236.0
-15°	1554.1	1289.5	1075.7	903.9	765.6	651.2	553.3	467.8	389.9	315.0	233.6
-17.5°	1477.0	1233.2	1035.1	874.5	744.8	635.3	541.6	458.2	382.9	308.7	231.0
-20°	1403.6	1176.4	990.0	840.7	720.7	616.9	527.8	447.0	374.7	301.8	228.2

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	1325.7	1120.6	949.6	809.3	695.3	596.0	512.2	434.2	365.5	294.3	224.7
-25°	1241.0	1058.8	904.3	776.6	669.7	576.6	495.6	420.0	355.3	286.3	220.6
-27.5°	1163.0	994.9	854.1	740.1	641.4	555.4	478.1	407.0	344.1	277.9	215.9
-30°	1084.2	935.8	808.5	701.9	610.6	532.1	459.1	393.1	332.8	270.4	210.7
-32.5°	1002.3	871.6	761.6	665.8	581.5	507.2	438.5	378.2	321.4	263.1	206.5
-35°	927.6	812.6	711.9	627.3	552.1	482.9	418.1	362.4	310.2	255.5	202.2
-37.5°	850.8	754.6	667.8	589.7	521.0	457.3	398.9	347.0	299.2	247.5	197.2
-40°	785.7	698.5	621.4	554.1	490.8	430.4	378.4	332.0	289.1	239.2	191.7
-42.5°	718.8	646.4	578.9	516.8	460.2	406.6	357.3	316.1	276.4	231.6	185.6
-45°	660.8	595.4	536.7	482.1	429.2	381.7	338.9	299.7	262.7	223.9	179.3
-47.5°	603.2	548.2	496.0	446.3	400.7	356.9	319.7	283.8	248.4	215.5	172.9
-50°	550.8	502.2	456.4	413.0	371.0	335.2	300.3	267.4	235.3	203.7	165.7
-52.5°	500.9	458.8	418.8	380.0	344.9	312.6	281.8	250.7	221.8	191.9	157.8
-55°	453.8	418.0	382.4	349.2	318.5	291.1	262.7	235.5	207.9	179.5	149.5
-57.5°	410.0	378.2	348.0	319.0	293.1	269.0	244.9	219.9	193.4	166.7	141.8
-60°	366.5	340.1	313.6	290.3	268.1	247.2	227.7	203.6	178.2	153.6	132.2
-62.5°	324.6	302.0	282.5	262.4	242.7	225.5	209.8	186.0	162.5	140.6	121.5
-65°	283.7	266.9	251.4	232.8	216.5	202.6	188.7	167.7	146.3	127.0	110.2
-67.5°	243.2	229.6	215.9	201.6	190.4	179.0	166.7	148.2	129.4	112.8	98.3
-70°	201.6	190.6	182.1	174.2	165.1	155.0	142.9	127.5	111.8	98.5	86.1
-72.5°	161.7	156.6	152.7	147.6	139.3	129.7	118.8	106.5	94.8	83.8	73.6
-75°	123.6	124.0	123.8	120.6	113.1	104.6	96.0	86.8	77.6	68.9	60.4
-77.5°	94.3	95.4	95.6	93.9	87.8	81.2	74.2	66.7	60.4	54.1	47.0
-80°	67.0	68.5	69.0	67.9	63.1	57.9	53.4	48.8	44.3	39.2	33.5
-82.5°	41.7	43.0	43.7	43.5	40.8	37.9	34.9	31.7	28.2	24.4	22.1
-85°	21.0	21.5	21.4	20.8	19.4	17.9	17.9	17.6	16.9	15.9	14.7
-87.5°	7.0	7.7	8.2	8.6	8.8	8.9	8.9	8.8	8.4	8.0	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	6.6	5.2	3.9	2.7	1.6	0.7	0.0
85°	13.3	10.4	7.7	5.3	3.3	1.4	0.0
82.5°	19.8	15.5	11.5	8.0	4.9	2.1	0.0
80°	26.9	20.5	15.3	10.6	6.5	2.8	0.0
77.5°	38.5	26.7	19.0	13.2	8.1	3.5	0.0
75°	49.7	35.0	23.0	15.8	9.6	4.2	0.0
72.5°	60.6	43.0	28.6	18.3	11.2	4.9	0.0
70°	70.9	50.6	33.9	20.9	12.6	5.5	0.0
67.5°	79.8	58.0	39.0	24.1	14.1	6.2	0.0
65°	88.3	64.7	43.8	27.2	15.5	6.8	0.0
62.5°	96.4	70.8	48.4	30.2	16.8	7.4	0.0
60°	103.9	76.6	52.7	32.9	18.1	8.0	0.0
57.5°	110.7	82.0	56.6	35.5	19.7	8.6	0.0
55°	116.9	86.9	60.3	37.9	21.2	9.1	0.0
52.5°	122.7	91.5	63.7	40.1	22.7	9.6	0.0
50°	127.9	95.6	66.8	42.1	24.1	10.1	0.0
47.5°	132.7	99.4	69.5	43.9	25.4	10.6	0.0
45°	138.2	102.7	71.9	45.7	26.7	11.1	0.0
42.5°	143.0	105.6	74.0	47.3	27.9	11.5	0.0
40°	147.3	108.1	75.9	49.0	29.0	11.9	0.0
37.5°	150.9	110.1	77.6	50.7	30.0	12.2	0.0
35°	153.9	112.3	78.9	52.4	31.0	12.5	0.0
32.5°	156.7	114.5	80.0	53.8	31.9	12.8	0.0
30°	159.8	116.1	80.7	55.2	32.7	13.1	0.0
27.5°	162.3	117.3	82.5	56.4	33.4	13.3	0.0
25°	164.2	118.0	84.1	57.4	34.0	13.5	0.0
22.5°	165.6	118.9	85.6	58.3	34.6	13.7	0.0
20°	166.4	121.1	86.9	59.0	35.0	13.8	0.0
17.5°	168.3	122.9	87.9	59.5	35.4	14.0	0.0
15°	170.5	124.3	88.7	60.0	35.7	14.0	0.0
12.5°	172.1	125.3	89.4	60.2	35.9	14.1	0.0
10°	173.2	125.9	89.8	60.4	36.1	14.1	0.0
7.5°	173.6	126.2	89.9	60.3	36.1	14.1	0.0
5°	173.4	126.1	89.9	60.2	36.0	14.1	0.0
2.5°	172.6	125.6	89.6	59.9	35.9	14.0	0.0
0°	171.3	124.8	89.1	59.4	35.7	13.9	0.0
-2.5°	172.6	125.6	89.6	59.9	35.9	14.0	0.0
-5°	173.4	126.1	89.9	60.2	36.0	14.1	0.0
-7.5°	173.6	126.2	89.9	60.3	36.1	14.1	0.0
-10°	173.2	125.9	89.8	60.4	36.1	14.1	0.0
-12.5°	172.1	125.3	89.4	60.2	35.9	14.1	0.0
-15°	170.5	124.3	88.7	60.0	35.7	14.0	0.0
-17.5°	168.3	122.9	87.9	59.5	35.4	14.0	0.0
-20°	166.4	121.1	86.9	59.0	35.0	13.8	0.0

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CATALOG NUMBER: GFLD-SA2D-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	165.6	118.9	85.6	58.3	34.6	13.7	0.0
-25°	164.2	118.0	84.1	57.4	34.0	13.5	0.0
-27.5°	162.3	117.3	82.5	56.4	33.4	13.3	0.0
-30°	159.8	116.1	80.7	55.2	32.7	13.1	0.0
-32.5°	156.7	114.5	80.0	53.8	31.9	12.8	0.0
-35°	153.9	112.3	78.9	52.4	31.0	12.5	0.0
-37.5°	150.9	110.1	77.6	50.7	30.0	12.2	0.0
-40°	147.3	108.1	75.9	49.0	29.0	11.9	0.0
-42.5°	143.0	105.6	74.0	47.3	27.9	11.5	0.0
-45°	138.2	102.7	71.9	45.7	26.7	11.1	0.0
-47.5°	132.7	99.4	69.5	43.9	25.4	10.6	0.0
-50°	127.9	95.6	66.8	42.1	24.1	10.1	0.0
-52.5°	122.7	91.5	63.7	40.1	22.7	9.6	0.0
-55°	116.9	86.9	60.3	37.9	21.2	9.1	0.0
-57.5°	110.7	82.0	56.6	35.5	19.7	8.6	0.0
-60°	103.9	76.6	52.7	32.9	18.1	8.0	0.0
-62.5°	96.4	70.8	48.4	30.2	16.8	7.4	0.0
-65°	88.3	64.7	43.8	27.2	15.5	6.8	0.0
-67.5°	79.8	58.0	39.0	24.1	14.1	6.2	0.0
-70°	70.9	50.6	33.9	20.9	12.6	5.5	0.0
-72.5°	60.6	43.0	28.6	18.3	11.2	4.9	0.0
-75°	49.7	35.0	23.0	15.8	9.6	4.2	0.0
-77.5°	38.5	26.7	19.0	13.2	8.1	3.5	0.0
-80°	26.9	20.5	15.3	10.6	6.5	2.8	0.0
-82.5°	19.8	15.5	11.5	8.0	4.9	2.1	0.0
-85°	13.3	10.4	7.7	5.3	3.3	1.4	0.0
-87.5°	6.6	5.2	3.9	2.7	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)