

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: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626912 (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-SA2C-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

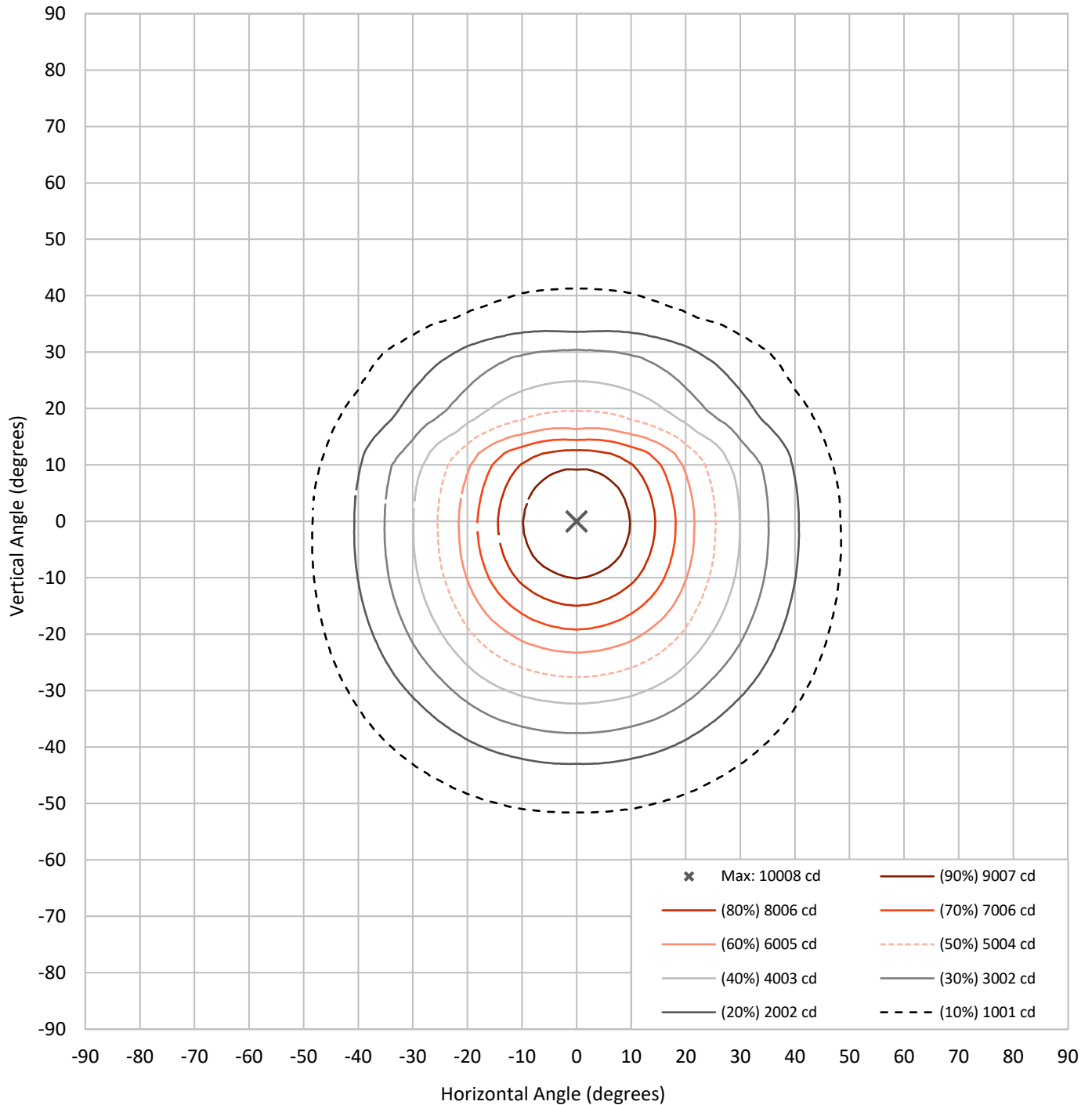
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	8829.2 lumens	Max Intensity:	10008 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	4250.8 lumens	Field Lumens:	7905.1 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	82.6		
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		



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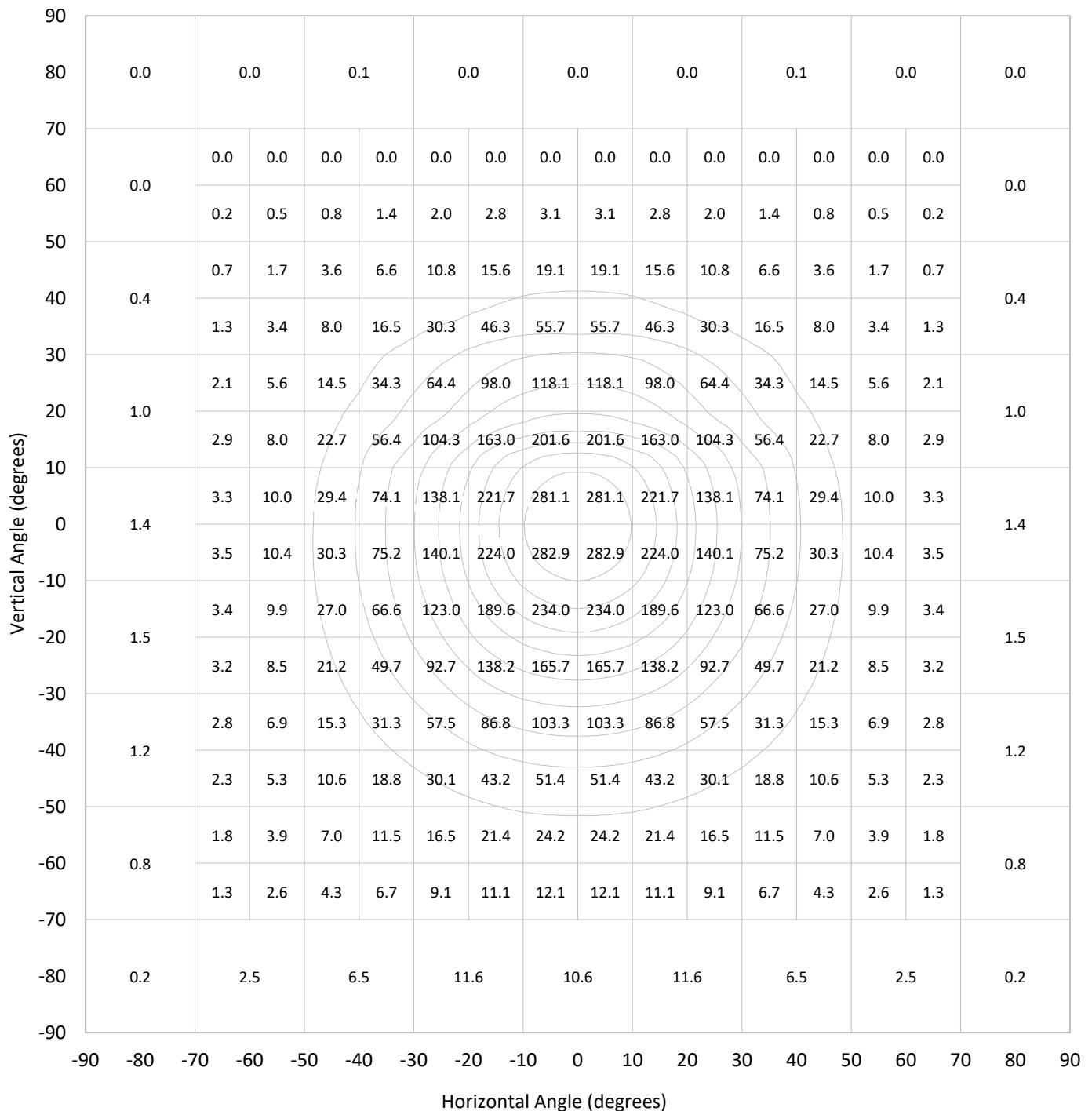
### Iso-Candela Plot





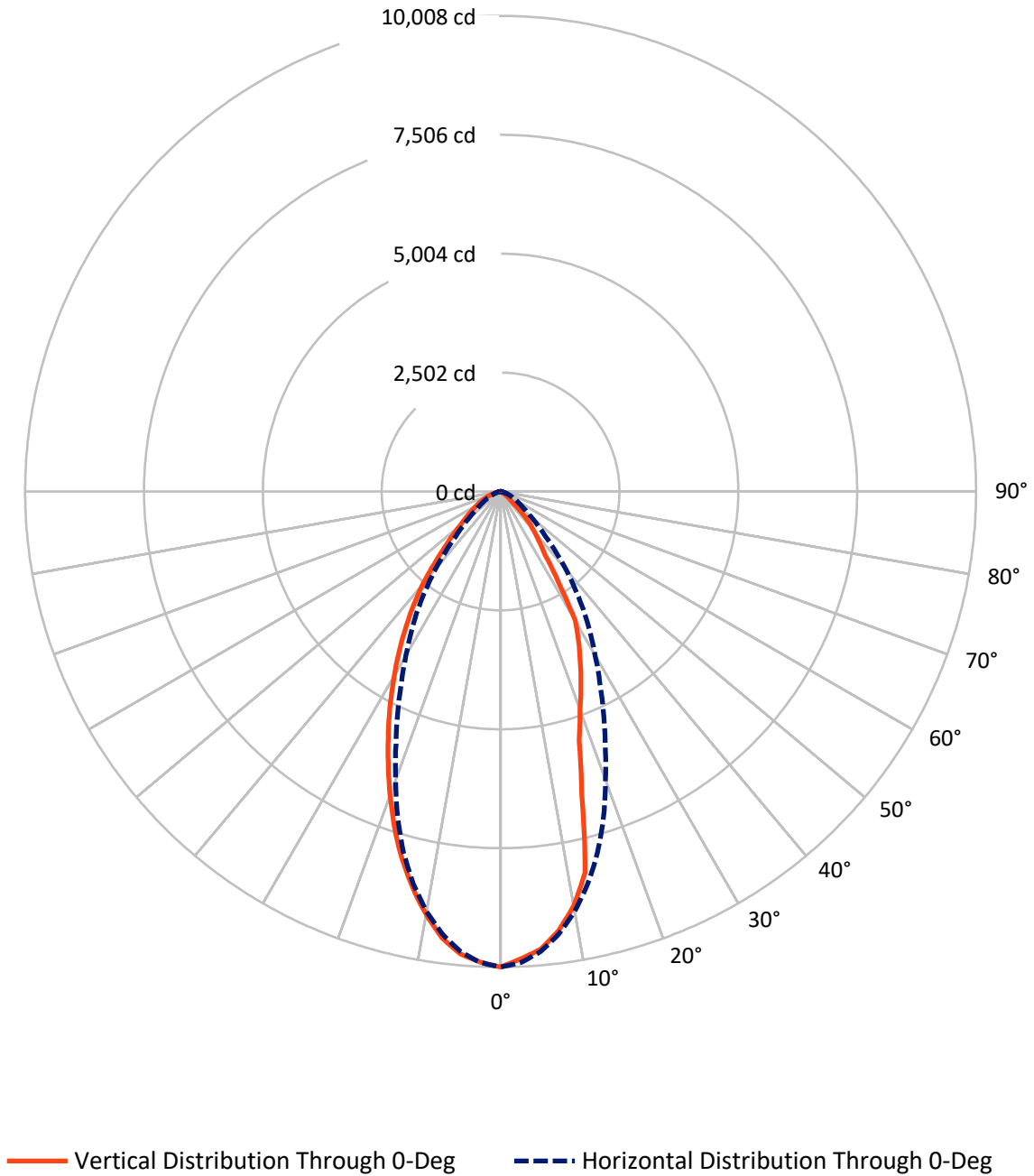
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### Lumen Table



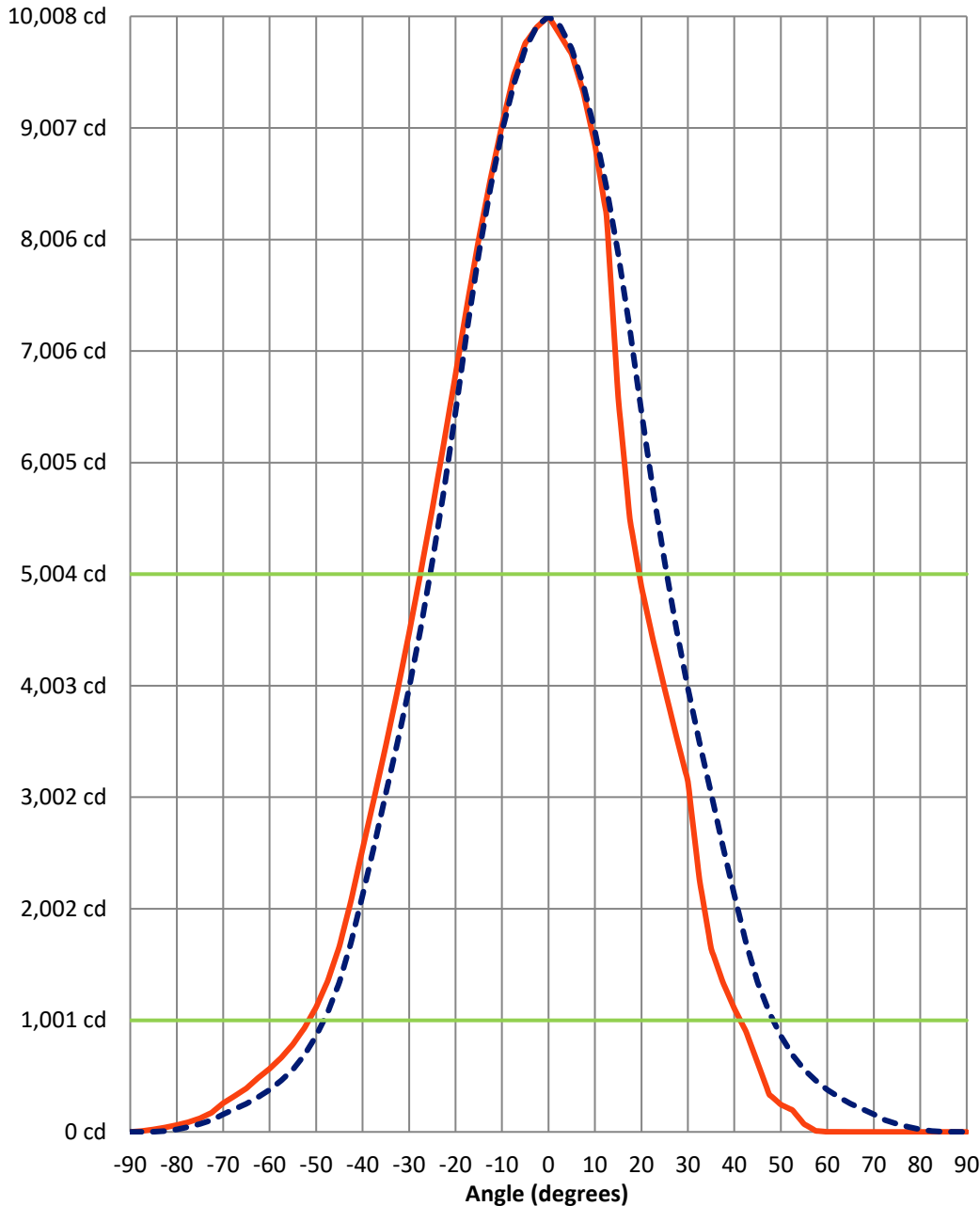
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 4250.8  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 7905.1  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 924  
 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	1.1	1.4
62.5°	0.0	0.3	0.6	0.7	0.7	1.0	1.0	1.0	1.3	1.9	3.0
60°	0.0	0.3	0.7	0.7	0.7	1.1	1.1	1.3	1.7	4.7	5.1
57.5°	0.0	0.4	0.7	0.7	0.9	1.4	1.9	1.8	4.6	8.0	8.8
55°	0.0	0.4	0.7	0.7	1.1	1.6	2.9	2.7	8.5	12.0	13.6
52.5°	0.0	0.4	0.7	0.7	1.4	2.0	4.1	6.7	12.8	17.9	19.3
50°	0.0	0.4	0.7	0.7	1.6	3.2	5.4	11.1	17.9	24.3	29.4
47.5°	0.0	0.5	0.8	0.7	1.9	4.5	7.3	15.6	24.5	31.4	39.9
45°	0.0	0.5	0.8	1.0	2.1	5.9	11.1	20.1	31.2	40.7	50.2
42.5°	0.0	0.5	0.8	1.2	2.4	7.4	15.0	25.3	37.8	49.8	61.7
40°	0.0	0.5	0.8	1.4	3.2	9.0	18.8	31.1	44.8	58.8	73.7
37.5°	0.0	0.6	0.9	1.7	4.4	10.6	22.6	36.8	52.3	68.0	86.0
35°	0.0	0.6	0.9	2.1	5.6	13.2	26.4	42.4	59.8	79.0	99.3
32.5°	0.0	0.6	0.9	2.4	6.9	16.2	30.4	48.0	67.4	90.2	114.3
30°	0.0	0.6	1.0	2.8	8.1	19.1	34.9	53.6	74.9	101.8	129.4
27.5°	0.0	0.6	1.0	3.2	9.6	21.9	39.2	59.7	83.2	113.5	144.6
25°	0.0	0.6	1.0	3.7	11.0	24.6	43.4	65.7	92.7	125.9	159.7
22.5°	0.0	0.6	1.1	4.1	12.4	27.3	47.4	71.6	102.2	138.5	175.1
20°	0.0	0.7	1.1	4.5	13.8	29.8	51.2	77.2	111.4	150.8	189.8
17.5°	0.0	0.7	1.1	5.0	15.1	32.3	54.8	82.7	120.5	162.8	203.7
15°	0.0	0.7	1.2	5.5	16.3	34.5	58.0	87.5	129.2	174.4	216.8
12.5°	0.0	0.7	1.2	5.9	17.5	36.6	61.0	91.5	136.5	185.4	229.0
10°	0.0	0.7	1.3	6.3	18.6	38.5	63.7	95.1	142.2	191.9	238.7
7.5°	0.0	0.7	1.3	6.8	19.6	40.3	66.1	98.3	147.3	196.9	243.7
5°	0.0	0.7	1.3	7.2	20.6	41.8	68.2	101.0	151.7	200.8	247.8
2.5°	0.0	0.7	1.4	7.6	21.4	43.2	70.0	103.3	155.2	203.8	250.9
0°	0.0	0.7	1.4	7.9	22.2	44.3	71.5	105.1	158.0	205.9	253.1
-2.5°	0.0	0.7	1.6	8.4	23.2	45.7	73.4	108.1	161.1	208.9	256.4
-5°	0.0	0.8	1.8	8.8	24.1	46.9	75.1	110.6	163.4	211.0	258.8
-7.5°	0.0	0.8	2.0	9.3	24.9	47.8	76.3	112.6	164.8	212.3	260.2
-10°	0.0	0.9	2.2	9.6	25.5	48.5	77.2	114.0	165.4	212.8	260.6
-12.5°	0.0	0.9	2.4	9.9	25.9	49.0	77.8	114.8	165.2	212.5	259.4
-15°	0.0	1.0	2.6	10.2	26.2	49.2	77.9	115.0	164.0	210.7	256.9
-17.5°	0.0	1.0	2.8	10.4	26.4	49.2	77.7	114.8	161.9	208.1	253.4
-20°	0.0	1.0	2.9	10.5	26.3	48.9	77.5	114.2	159.2	205.0	249.0

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.0	3.0	10.5	26.1	48.4	77.5	113.2	156.1	201.3	243.6
-25°	0.0	1.1	3.2	10.5	25.7	48.2	77.2	111.7	152.5	197.0	237.2
-27.5°	0.0	1.1	3.3	10.4	25.1	48.0	76.4	109.7	148.5	192.0	231.4
-30°	0.0	1.1	3.3	10.3	24.4	47.5	75.3	107.3	145.0	186.5	225.1
-32.5°	0.0	1.1	3.4	10.1	24.1	46.7	73.8	105.3	141.5	180.6	218.3
-35°	0.0	1.1	3.4	9.8	23.6	45.6	72.4	103.1	137.6	174.6	211.2
-37.5°	0.0	1.1	3.5	9.4	22.9	44.4	70.7	100.4	133.3	168.4	202.7
-40°	0.0	1.1	3.4	9.0	22.0	43.3	68.7	97.4	128.4	162.7	193.7
-42.5°	0.0	1.1	3.4	8.5	21.3	41.9	66.3	93.8	124.0	155.2	184.1
-45°	0.0	1.0	3.4	8.2	20.9	40.3	63.4	90.1	119.4	147.2	174.2
-47.5°	0.0	1.0	3.3	7.8	20.3	38.4	60.2	86.3	114.3	138.9	164.9
-50°	0.0	1.0	3.2	7.6	19.4	36.2	57.4	82.1	107.6	131.3	155.5
-52.5°	0.0	1.0	3.1	7.5	18.3	33.8	54.4	77.4	100.9	123.4	145.8
-55°	0.0	0.9	2.9	7.3	17.1	31.8	51.1	72.3	94.0	115.2	136.7
-57.5°	0.0	0.9	2.8	7.1	15.6	29.6	47.4	67.9	86.8	106.9	127.3
-60°	0.0	0.8	2.6	6.7	14.0	27.2	43.5	62.4	79.3	98.3	117.6
-62.5°	0.0	0.8	2.4	6.2	13.0	24.5	39.7	56.4	72.0	89.3	107.6
-65°	0.0	0.7	2.3	5.7	11.9	21.5	35.5	50.2	64.1	79.9	97.1
-67.5°	0.0	0.7	2.1	5.1	10.7	18.8	31.0	43.8	55.9	70.0	85.6
-70°	0.0	0.6	1.9	4.4	9.3	16.5	26.1	37.3	48.0	59.5	73.2
-72.5°	0.0	0.5	1.7	3.9	7.8	14.0	22.2	30.5	40.0	50.1	60.7
-75°	0.0	0.5	1.5	3.4	6.2	11.3	18.2	24.9	31.7	40.4	49.5
-77.5°	0.0	0.4	1.2	2.8	5.1	8.5	14.0	19.5	25.2	31.1	38.1
-80°	0.0	0.3	1.0	2.3	4.2	6.5	9.7	14.1	18.7	23.6	28.7
-82.5°	0.0	0.2	0.8	1.7	3.1	4.9	7.1	9.4	12.2	15.9	19.9
-85°	0.0	0.2	0.5	1.2	2.1	3.3	4.8	6.3	8.0	9.9	12.0
-87.5°	0.0	0.1	0.3	0.6	1.1	1.7	2.4	3.2	4.0	5.0	6.0
-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: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°
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	1.8	0.7	1.4	1.6	1.1	0.9	0.9
60°	3.1	2.2	5.5	7.6	5.0	2.6	3.2	6.5	5.3	1.4	3.8
57.5°	6.3	7.8	13.9	14.5	11.2	7.5	16.5	18.3	15.2	9.6	13.8
55°	13.2	18.5	23.4	23.1	23.2	29.2	34.3	33.7	29.7	41.0	51.6
52.5°	24.9	30.5	33.7	36.7	45.0	50.6	52.1	55.3	67.0	80.9	83.4
50°	36.6	42.3	46.5	57.4	65.9	70.3	74.4	85.1	102.7	112.2	113.8
47.5°	48.3	54.7	65.9	77.8	86.1	92.7	99.8	124.0	143.7	151.8	154.7
45°	60.6	71.6	85.7	97.9	107.4	116.4	139.4	172.5	186.3	198.8	230.6
42.5°	73.4	90.0	105.8	118.6	129.4	148.1	180.1	212.2	232.0	258.5	296.9
40°	89.7	108.3	126.6	139.6	153.1	181.5	221.1	255.0	276.0	311.6	355.4
37.5°	106.2	127.9	147.7	161.4	180.4	218.8	265.4	306.0	332.0	361.1	431.3
35°	122.5	148.0	168.3	186.7	210.1	263.1	320.5	365.7	397.8	447.6	536.5
32.5°	139.9	168.4	189.2	214.2	252.7	312.0	382.4	432.7	486.0	557.5	699.9
30°	158.5	187.6	211.4	241.5	293.1	362.3	444.0	507.1	579.5	695.6	849.2
27.5°	177.0	206.6	236.0	274.3	331.0	405.7	491.1	590.6	684.1	813.9	981.8
25°	194.8	226.1	260.1	306.4	367.7	445.9	539.1	654.0	775.9	924.4	1121.6
22.5°	211.7	245.8	285.6	335.4	398.7	484.1	595.2	730.1	876.7	1030.5	1257.1
20°	228.4	267.8	313.5	369.3	427.2	519.2	650.1	813.4	997.1	1207.9	1429.9
17.5°	244.8	289.6	342.4	404.3	474.5	568.7	706.4	900.8	1124.4	1398.7	1672.0
15°	260.9	310.9	370.2	438.9	522.1	634.8	791.2	1004.9	1275.0	1603.5	1927.3
12.5°	276.6	331.6	397.0	472.7	568.4	697.0	871.1	1101.6	1411.2	1803.6	2201.4
10°	291.5	351.4	422.4	505.3	612.7	754.9	941.8	1185.4	1513.9	1918.3	2360.7
7.5°	299.2	364.9	444.0	536.3	654.5	808.1	1003.3	1256.1	1594.1	2010.6	2454.2
5°	304.6	371.0	452.2	548.7	677.5	844.3	1050.3	1313.9	1653.3	2080.0	2517.4
2.5°	308.8	375.5	458.1	555.7	686.6	856.3	1065.9	1334.1	1685.0	2116.2	2554.4
0°	311.7	378.2	461.8	559.7	691.3	862.1	1073.0	1342.5	1698.5	2124.5	2567.8
-2.5°	314.8	381.9	465.6	565.9	697.8	870.1	1080.9	1348.4	1708.6	2126.8	2575.0
-5°	316.5	383.9	467.1	569.0	699.9	871.6	1080.3	1342.8	1700.5	2110.2	2559.3
-7.5°	317.0	384.1	466.3	568.4	697.2	864.8	1068.9	1326.0	1672.8	2076.4	2520.6
-10°	316.2	382.4	463.2	563.2	689.4	850.8	1048.5	1297.0	1627.3	2020.6	2455.3
-12.5°	313.9	378.8	457.7	554.8	676.7	830.8	1019.7	1255.6	1564.0	1943.1	2363.2
-15°	310.2	373.5	449.8	543.1	659.3	805.1	982.8	1201.9	1482.5	1844.6	2248.6
-17.5°	305.1	366.4	439.3	528.3	637.0	773.9	938.1	1139.0	1394.7	1734.6	2121.2
-20°	298.6	357.6	426.5	510.2	611.3	741.0	896.6	1083.3	1312.4	1608.6	1970.8

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	290.6	347.2	412.8	493.0	588.5	706.9	850.2	1020.1	1220.2	1463.0	1806.6
-25°	282.5	337.1	399.6	473.7	562.5	668.2	797.1	951.9	1133.1	1355.4	1639.5
-27.5°	274.5	325.5	384.2	451.5	533.4	628.3	747.2	888.4	1049.8	1238.9	1470.2
-30°	265.4	312.6	367.3	428.3	505.4	593.5	696.3	817.3	960.9	1131.7	1332.8
-32.5°	255.6	298.8	350.9	408.2	475.4	555.7	644.6	754.0	878.9	1019.8	1193.7
-35°	245.7	286.9	334.2	386.5	443.3	518.4	600.1	690.9	797.2	921.9	1061.0
-37.5°	236.3	274.0	316.2	365.0	418.2	480.6	552.8	634.7	726.2	825.5	945.6
-40°	225.7	260.1	300.0	344.2	391.3	445.4	510.5	580.0	658.8	746.1	838.9
-42.5°	214.3	247.3	283.7	321.8	365.0	413.3	467.3	530.9	596.3	669.5	750.5
-45°	203.1	233.4	266.6	301.4	337.8	380.5	429.5	482.4	540.4	600.1	668.2
-47.5°	191.2	218.9	249.9	280.2	312.5	348.9	390.4	438.4	486.8	540.0	592.7
-50°	179.4	205.4	231.4	259.7	288.6	318.9	354.0	395.4	439.5	483.6	530.0
-52.5°	168.8	191.3	214.8	239.1	265.4	292.4	321.6	355.8	394.3	433.2	473.2
-55°	158.0	178.7	198.1	219.9	242.6	266.9	293.0	321.8	350.8	386.2	420.7
-57.5°	147.5	165.8	182.7	201.2	221.5	242.1	265.6	290.1	316.4	343.2	371.3
-60°	136.8	152.5	167.8	183.8	200.8	219.1	238.0	259.5	282.1	305.4	329.8
-62.5°	125.9	138.6	152.0	166.7	181.7	195.8	211.6	229.2	247.8	267.8	288.5
-65°	113.6	124.1	135.4	148.2	162.2	173.6	185.7	198.9	214.3	230.8	247.0
-67.5°	100.5	109.8	119.0	128.5	139.9	150.1	160.1	170.6	182.1	195.5	208.5
-70°	85.9	95.2	103.3	111.2	118.4	125.7	134.1	142.4	151.7	163.8	175.6
-72.5°	71.0	79.8	87.5	94.1	99.2	103.6	108.8	114.8	123.7	134.9	145.3
-75°	57.5	64.5	71.7	78.1	81.4	82.7	83.8	86.9	95.9	107.4	117.6
-77.5°	44.7	50.9	56.7	62.3	64.6	65.6	66.0	66.0	72.6	82.4	92.7
-80°	32.9	37.2	42.2	47.0	48.4	48.8	48.9	48.6	54.0	61.0	68.6
-82.5°	22.9	26.0	29.1	32.4	32.8	32.6	32.1	31.7	36.1	41.1	46.3
-85°	13.3	14.6	16.6	18.5	18.8	18.7	18.3	17.8	20.2	23.0	25.9
-87.5°	6.7	7.3	8.0	8.6	8.4	8.0	7.6	7.1	7.8	8.5	9.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	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°	4.0	2.3	2.3	3.0	2.5	1.2	2.3	3.0	2.8	2.1	1.8
57.5°	20.5	17.2	12.0	20.1	20.7	14.4	15.7	20.4	19.8	15.4	15.3
55°	51.7	52.4	56.3	61.4	65.1	66.9	68.4	76.1	84.3	92.4	96.4
52.5°	85.4	95.4	107.8	116.0	121.8	133.5	150.0	157.6	165.0	173.3	179.4
50°	125.7	143.1	155.6	157.4	177.0	189.7	192.7	206.9	222.4	232.0	238.9
47.5°	187.1	209.0	219.9	226.9	250.7	276.9	276.9	285.0	323.7	344.0	353.8
45°	269.4	287.8	307.1	357.0	402.9	417.5	448.6	490.9	518.3	556.1	597.7
42.5°	339.7	374.0	422.2	477.2	523.2	561.5	607.9	658.6	719.6	777.0	826.5
40°	409.1	451.6	511.2	571.1	629.1	682.2	756.8	822.1	894.0	973.0	1038.7
37.5°	499.7	554.1	615.8	691.2	781.4	840.3	943.1	1036.9	1118.0	1213.3	1272.0
35°	638.8	709.8	764.4	916.9	1026.6	1095.5	1217.2	1371.4	1430.6	1550.6	1607.5
32.5°	813.8	908.1	1051.8	1253.7	1400.2	1527.1	1708.9	1865.4	1998.7	2119.3	2244.6
30°	1010.3	1156.0	1367.6	1635.9	1784.8	1962.5	2208.3	2393.9	2603.1	2832.6	2913.1
27.5°	1188.7	1406.8	1652.6	1869.9	2083.7	2305.1	2546.6	2785.0	3011.4	3202.4	3330.6
25°	1354.1	1618.2	1857.0	2089.3	2320.9	2570.2	2843.4	3113.8	3362.9	3559.4	3708.9
22.5°	1524.6	1803.6	2059.1	2294.8	2564.3	2846.8	3137.3	3447.4	3730.9	3934.8	4097.6
20°	1684.9	1995.3	2286.7	2555.0	2809.8	3135.9	3470.5	3799.4	4108.1	4351.0	4538.7
17.5°	1939.5	2208.9	2565.0	2913.6	3200.6	3500.2	3947.2	4286.7	4629.3	4920.2	5119.2
15°	2252.0	2548.2	2916.0	3394.7	3787.9	4131.2	4593.0	5145.2	5549.3	5920.7	6175.5
12.5°	2564.8	2899.8	3297.7	3836.4	4396.3	4800.6	5360.8	6060.5	6531.2	7106.3	7389.7
10°	2804.6	3225.3	3635.0	4126.7	4664.3	5240.1	5844.0	6498.6	7127.6	7621.3	8062.7
7.5°	2901.1	3349.2	3823.6	4325.2	4862.8	5457.0	6100.7	6781.8	7429.1	7980.6	8465.7
5°	2973.3	3432.4	3909.9	4422.8	4997.4	5618.0	6271.3	6986.4	7647.5	8238.6	8734.8
2.5°	3019.1	3482.6	3958.0	4479.4	5083.8	5722.8	6397.1	7131.2	7802.2	8410.7	8905.3
0°	3036.7	3493.5	3980.3	4517.2	5115.5	5756.0	6459.4	7202.2	7878.4	8466.7	8975.7
-2.5°	3039.1	3483.4	3981.8	4516.0	5088.5	5735.0	6446.9	7183.5	7846.0	8431.9	8945.5
-5°	3015.2	3459.3	3958.2	4484.3	5057.6	5699.2	6380.6	7092.3	7724.2	8294.5	8788.9
-7.5°	2966.9	3409.7	3897.6	4411.7	4969.5	5591.9	6246.3	6908.0	7527.9	8074.8	8546.6
-10°	2895.1	3328.7	3799.6	4300.5	4828.3	5420.3	6044.4	6676.6	7257.9	7763.7	8199.9
-12.5°	2797.9	3221.5	3671.2	4149.4	4640.7	5205.1	5794.3	6388.0	6917.9	7379.6	7771.1
-15°	2671.8	3085.4	3520.8	3973.1	4449.6	4960.0	5488.7	6033.3	6521.9	6931.5	7289.1
-17.5°	2523.1	2924.3	3337.8	3757.0	4209.2	4688.0	5178.9	5667.7	6084.4	6448.2	6775.3
-20°	2357.4	2743.9	3136.7	3527.5	3937.7	4380.6	4833.9	5263.3	5627.5	5958.1	6257.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	2171.6	2541.5	2918.0	3283.8	3653.7	4054.7	4459.5	4847.8	5188.5	5471.3	5731.3
-25°	1972.6	2314.5	2670.0	3012.9	3353.4	3712.8	4080.5	4437.7	4737.5	4983.0	5197.9
-27.5°	1772.2	2084.6	2397.8	2720.6	3035.3	3367.0	3699.9	4008.5	4277.6	4503.7	4684.2
-30°	1561.5	1840.8	2126.8	2418.9	2719.4	3022.9	3323.7	3593.9	3828.9	4027.7	4183.7
-32.5°	1386.4	1598.6	1851.1	2116.3	2397.9	2674.4	2936.1	3182.4	3403.8	3577.4	3709.7
-35°	1218.6	1398.3	1587.4	1822.1	2064.1	2318.5	2559.2	2779.0	2976.4	3128.1	3252.6
-37.5°	1074.3	1216.4	1376.4	1543.9	1746.8	1957.1	2174.4	2381.1	2557.1	2689.4	2800.6
-40°	949.4	1061.6	1189.4	1322.3	1471.5	1622.6	1811.8	1986.3	2129.9	2253.6	2354.3
-42.5°	836.6	931.2	1025.6	1134.5	1247.1	1368.6	1501.4	1630.5	1740.7	1844.2	1929.7
-45°	739.1	814.7	890.0	974.1	1056.8	1155.6	1250.4	1335.0	1424.3	1501.8	1562.8
-47.5°	653.9	712.8	777.3	840.3	906.7	981.1	1051.7	1116.1	1181.5	1238.2	1283.6
-50°	578.1	627.0	679.7	729.1	782.8	837.3	889.4	940.7	990.4	1033.5	1067.1
-52.5°	511.8	554.5	595.6	635.0	677.7	718.0	755.8	798.0	836.9	870.9	893.9
-55°	455.4	490.3	523.9	556.8	589.1	619.6	649.7	682.5	712.6	739.6	756.7
-57.5°	402.4	432.1	460.5	487.4	513.1	537.3	562.7	587.9	611.0	631.4	644.6
-60°	354.2	378.5	403.1	425.0	445.7	465.1	486.4	506.6	525.3	540.9	550.1
-62.5°	310.0	331.7	349.9	367.3	384.9	402.3	417.5	432.4	446.8	458.9	466.9
-65°	263.8	282.2	297.7	311.6	324.2	337.8	350.7	362.4	372.8	380.7	385.8
-67.5°	222.5	236.0	248.5	259.5	270.8	281.6	291.6	300.4	308.2	313.8	317.4
-70°	186.6	196.9	207.1	217.1	227.2	235.6	242.8	249.5	255.5	258.0	259.1
-72.5°	155.1	164.3	173.2	182.0	190.4	197.0	202.3	207.1	211.5	207.8	201.2
-75°	126.4	134.5	142.9	150.7	158.1	163.1	167.0	170.7	174.0	165.8	154.6
-77.5°	103.0	110.1	116.3	122.4	128.5	131.7	134.2	136.6	139.0	129.9	118.3
-80°	76.4	82.2	87.4	92.5	97.6	99.5	100.6	101.4	101.8	94.0	85.0
-82.5°	51.6	54.6	57.5	60.5	63.5	65.2	66.4	67.3	68.0	62.5	56.2
-85°	29.0	29.9	30.6	31.2	31.7	32.7	33.6	34.5	35.3	32.7	29.8
-87.5°	10.0	10.0	9.9	9.8	9.7	9.7	9.7	9.7	9.7	9.3	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



REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	0.1	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°	14.3	12.4	11.2	10.0	11.2	12.4	14.3	15.3	15.4	19.8	20.4
55°	94.7	88.1	80.2	70.8	80.2	88.1	94.7	96.4	92.4	84.3	76.1
52.5°	185.7	191.9	195.5	195.2	195.5	191.9	185.7	179.4	173.3	165.0	157.6
50°	244.4	247.8	248.0	245.2	248.0	247.8	244.4	238.9	232.0	222.4	206.9
47.5°	358.2	353.4	345.4	336.7	345.4	353.4	358.2	353.8	344.0	323.7	285.0
45°	625.0	640.0	639.0	619.8	639.0	640.0	625.0	597.7	556.1	518.3	490.9
42.5°	854.1	876.7	892.6	900.7	892.6	876.7	854.1	826.5	777.0	719.6	658.6
40°	1075.8	1097.6	1107.2	1106.6	1107.2	1097.6	1075.8	1038.7	973.0	894.0	822.1
37.5°	1310.0	1338.2	1351.9	1345.4	1351.9	1338.2	1310.0	1272.0	1213.3	1118.0	1036.9
35°	1632.1	1658.5	1659.0	1645.6	1659.0	1658.5	1632.1	1607.5	1550.6	1430.6	1371.4
32.5°	2344.1	2352.9	2285.1	2261.1	2285.1	2352.9	2344.1	2244.6	2119.3	1998.7	1865.4
30°	2993.1	3055.7	3113.9	3143.2	3113.9	3055.7	2993.1	2913.1	2832.6	2603.1	2393.9
27.5°	3427.3	3502.5	3549.1	3552.1	3549.1	3502.5	3427.3	3330.6	3202.4	3011.4	2785.0
25°	3822.1	3906.3	3957.2	3974.6	3957.2	3906.3	3822.1	3708.9	3559.4	3362.9	3113.8
22.5°	4235.8	4335.0	4400.8	4414.2	4400.8	4335.0	4235.8	4097.6	3934.8	3730.9	3447.4
20°	4715.8	4831.3	4894.3	4891.7	4894.3	4831.3	4715.8	4538.7	4351.0	4108.1	3799.4
17.5°	5347.8	5471.6	5526.0	5502.2	5526.0	5471.6	5347.8	5119.2	4920.2	4629.3	4286.7
15°	6437.1	6696.1	6695.0	6591.7	6695.0	6696.1	6437.1	6175.5	5920.7	5549.3	5145.2
12.5°	7780.7	7973.7	8171.8	8214.4	8171.8	7973.7	7780.7	7389.7	7106.3	6531.2	6060.5
10°	8434.5	8690.9	8860.0	8855.6	8860.0	8690.9	8434.5	8062.7	7621.3	7127.6	6498.6
7.5°	8843.5	9126.7	9331.8	9327.4	9331.8	9126.7	8843.5	8465.7	7980.6	7429.1	6781.8
5°	9159.2	9473.3	9654.9	9668.4	9654.9	9473.3	9159.2	8734.8	8238.6	7647.5	6986.4
2.5°	9323.1	9651.0	9869.4	9840.7	9869.4	9651.0	9323.1	8905.3	8410.7	7802.2	7131.2
0°	9391.7	9716.3	9920.0	10008.0	9920.0	9716.3	9391.7	8975.7	8466.7	7878.4	7202.2
-2.5°	9361.8	9677.6	9902.8	9911.4	9902.8	9677.6	9361.8	8945.5	8431.9	7846.0	7183.5
-5°	9201.4	9534.6	9685.5	9765.6	9685.5	9534.6	9201.4	8788.9	8294.5	7724.2	7092.3
-7.5°	8942.7	9192.4	9384.0	9472.5	9384.0	9192.4	8942.7	8546.6	8074.8	7527.9	6908.0
-10°	8540.1	8798.6	8960.6	9033.6	8960.6	8798.6	8540.1	8199.9	7763.7	7257.9	6676.6
-12.5°	8094.1	8329.1	8483.0	8544.6	8483.0	8329.1	8094.1	7771.1	7379.6	6917.9	6388.0
-15°	7596.5	7809.8	7951.5	8010.7	7951.5	7809.8	7596.5	7289.1	6931.5	6521.9	6033.3
-17.5°	7048.8	7235.7	7376.9	7419.5	7376.9	7235.7	7048.8	6775.3	6448.2	6084.4	5667.7
-20°	6485.5	6654.5	6770.8	6796.1	6770.8	6654.5	6485.5	6257.4	5958.1	5627.5	5263.3



REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	5918.0	6057.2	6151.7	6183.5	6151.7	6057.2	5918.0	5731.3	5471.3	5188.5	4847.8
-25°	5363.4	5483.6	5559.6	5588.0	5559.6	5483.6	5363.4	5197.9	4983.0	4737.5	4437.7
-27.5°	4829.9	4941.9	5011.8	5021.1	5011.8	4941.9	4829.9	4684.2	4503.7	4277.6	4008.5
-30°	4305.1	4397.6	4451.5	4474.3	4451.5	4397.6	4305.1	4183.7	4027.7	3828.9	3593.9
-32.5°	3814.6	3895.4	3943.8	3956.7	3943.8	3895.4	3814.6	3709.7	3577.4	3403.8	3182.4
-35°	3351.5	3426.2	3469.0	3465.6	3469.0	3426.2	3351.5	3252.6	3128.1	2976.4	2779.0
-37.5°	2892.5	2961.4	3000.3	2996.7	3000.3	2961.4	2892.5	2800.6	2689.4	2557.1	2381.1
-40°	2437.2	2496.6	2530.8	2539.2	2530.8	2496.6	2437.2	2354.3	2253.6	2129.9	1986.3
-42.5°	2000.9	2055.8	2083.2	2072.4	2083.2	2055.8	2000.9	1929.7	1844.2	1740.7	1630.5
-45°	1605.5	1633.9	1652.5	1664.2	1652.5	1633.9	1605.5	1562.8	1501.8	1424.3	1335.0
-47.5°	1316.9	1340.4	1353.1	1355.4	1353.1	1340.4	1316.9	1283.6	1238.2	1181.5	1116.1
-50°	1093.2	1113.2	1122.0	1119.5	1122.0	1113.2	1093.2	1067.1	1033.5	990.4	940.7
-52.5°	910.4	922.0	929.8	933.6	929.8	922.0	910.4	893.9	870.9	836.9	798.0
-55°	769.5	778.5	783.8	785.6	783.8	778.5	769.5	756.7	739.6	712.6	682.5
-57.5°	655.6	664.2	667.3	666.2	667.3	664.2	655.6	644.6	631.4	611.0	587.9
-60°	557.1	562.1	565.7	567.6	565.7	562.1	557.1	550.1	540.9	525.3	506.6
-62.5°	473.3	477.9	481.7	484.0	481.7	477.9	473.3	466.9	458.9	446.8	432.4
-65°	389.3	391.3	391.9	391.0	391.9	391.3	389.3	385.8	380.7	372.8	362.4
-67.5°	320.1	321.8	322.9	323.1	322.9	321.8	320.1	317.4	313.8	308.2	300.4
-70°	260.2	260.9	260.1	258.1	260.1	260.9	260.2	259.1	258.0	255.5	249.5
-72.5°	194.4	187.2	180.2	172.3	180.2	187.2	194.4	201.2	207.8	211.5	207.1
-75°	142.9	130.8	126.4	122.2	126.4	130.8	142.9	154.6	165.8	174.0	170.7
-77.5°	106.2	93.7	90.3	87.2	90.3	93.7	106.2	118.3	129.9	139.0	136.6
-80°	75.5	65.8	63.6	61.5	63.6	65.8	75.5	85.0	94.0	101.8	101.4
-82.5°	49.6	42.8	41.4	40.0	41.4	42.8	49.6	56.2	62.5	68.0	67.3
-85°	26.7	23.5	22.9	22.2	22.9	23.5	26.7	29.8	32.7	35.3	34.5
-87.5°	8.4	7.9	7.9	7.9	7.9	7.9	8.4	8.8	9.3	9.7	9.7
-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: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-WR-VSR-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°	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	0.9	0.9	1.1	1.6
60°	2.3	1.2	2.5	3.0	2.3	2.3	4.0	3.8	1.4	5.3	6.5
57.5°	15.7	14.4	20.7	20.1	12.0	17.2	20.5	13.8	9.6	15.2	18.3
55°	68.4	66.9	65.1	61.4	56.3	52.4	51.7	51.6	41.0	29.7	33.7
52.5°	150.0	133.5	121.8	116.0	107.8	95.4	85.4	83.4	80.9	67.0	55.3
50°	192.7	189.7	177.0	157.4	155.6	143.1	125.7	113.8	112.2	102.7	85.1
47.5°	276.9	276.9	250.7	226.9	219.9	209.0	187.1	154.7	151.8	143.7	124.0
45°	448.6	417.5	402.9	357.0	307.1	287.8	269.4	230.6	198.8	186.3	172.5
42.5°	607.9	561.5	523.2	477.2	422.2	374.0	339.7	296.9	258.5	232.0	212.2
40°	756.8	682.2	629.1	571.1	511.2	451.6	409.1	355.4	311.6	276.0	255.0
37.5°	943.1	840.3	781.4	691.2	615.8	554.1	499.7	431.3	361.1	332.0	306.0
35°	1217.2	1095.5	1026.6	916.9	764.4	709.8	638.8	536.5	447.6	397.8	365.7
32.5°	1708.9	1527.1	1400.2	1253.7	1051.8	908.1	813.8	699.9	557.5	486.0	432.7
30°	2208.3	1962.5	1784.8	1635.9	1367.6	1156.0	1010.3	849.2	695.6	579.5	507.1
27.5°	2546.6	2305.1	2083.7	1869.9	1652.6	1406.8	1188.7	981.8	813.9	684.1	590.6
25°	2843.4	2570.2	2320.9	2089.3	1857.0	1618.2	1354.1	1121.6	924.4	775.9	654.0
22.5°	3137.3	2846.8	2564.3	2294.8	2059.1	1803.6	1524.6	1257.1	1030.5	876.7	730.1
20°	3470.5	3135.9	2809.8	2555.0	2286.7	1995.3	1684.9	1429.9	1207.9	997.1	813.4
17.5°	3947.2	3500.2	3200.6	2913.6	2565.0	2208.9	1939.5	1672.0	1398.7	1124.4	900.8
15°	4593.0	4131.2	3787.9	3394.7	2916.0	2548.2	2252.0	1927.3	1603.5	1275.0	1004.9
12.5°	5360.8	4800.6	4396.3	3836.4	3297.7	2899.8	2564.8	2201.4	1803.6	1411.2	1101.6
10°	5844.0	5240.1	4664.3	4126.7	3635.0	3225.3	2804.6	2360.7	1918.3	1513.9	1185.4
7.5°	6100.7	5457.0	4862.8	4325.2	3823.6	3349.2	2901.1	2454.2	2010.6	1594.1	1256.1
5°	6271.3	5618.0	4997.4	4422.8	3909.9	3432.4	2973.3	2517.4	2080.0	1653.3	1313.9
2.5°	6397.1	5722.8	5083.8	4479.4	3958.0	3482.6	3019.1	2554.4	2116.2	1685.0	1334.1
0°	6459.4	5756.0	5115.5	4517.2	3980.3	3493.5	3036.7	2567.8	2124.5	1698.5	1342.5
-2.5°	6446.9	5735.0	5088.5	4516.0	3981.8	3483.4	3039.1	2575.0	2126.8	1708.6	1348.4
-5°	6380.6	5699.2	5057.6	4484.3	3958.2	3459.3	3015.2	2559.3	2110.2	1700.5	1342.8
-7.5°	6246.3	5591.9	4969.5	4411.7	3897.6	3409.7	2966.9	2520.6	2076.4	1672.8	1326.0
-10°	6044.4	5420.3	4828.3	4300.5	3799.6	3328.7	2895.1	2455.3	2020.6	1627.3	1297.0
-12.5°	5794.3	5205.1	4640.7	4149.4	3671.2	3221.5	2797.9	2363.2	1943.1	1564.0	1255.6
-15°	5488.7	4960.0	4449.6	3973.1	3520.8	3085.4	2671.8	2248.6	1844.6	1482.5	1201.9
-17.5°	5178.9	4688.0	4209.2	3757.0	3337.8	2924.3	2523.1	2121.2	1734.6	1394.7	1139.0
-20°	4833.9	4380.6	3937.7	3527.5	3136.7	2743.9	2357.4	1970.8	1608.6	1312.4	1083.3





REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	4459.5	4054.7	3653.7	3283.8	2918.0	2541.5	2171.6	1806.6	1463.0	1220.2	1020.1
-25°	4080.5	3712.8	3353.4	3012.9	2670.0	2314.5	1972.6	1639.5	1355.4	1133.1	951.9
-27.5°	3699.9	3367.0	3035.3	2720.6	2397.8	2084.6	1772.2	1470.2	1238.9	1049.8	888.4
-30°	3323.7	3022.9	2719.4	2418.9	2126.8	1840.8	1561.5	1332.8	1131.7	960.9	817.3
-32.5°	2936.1	2674.4	2397.9	2116.3	1851.1	1598.6	1386.4	1193.7	1019.8	878.9	754.0
-35°	2559.2	2318.5	2064.1	1822.1	1587.4	1398.3	1218.6	1061.0	921.9	797.2	690.9
-37.5°	2174.4	1957.1	1746.8	1543.9	1376.4	1216.4	1074.3	945.6	825.5	726.2	634.7
-40°	1811.8	1622.6	1471.5	1322.3	1189.4	1061.6	949.4	838.9	746.1	658.8	580.0
-42.5°	1501.4	1368.6	1247.1	1134.5	1025.6	931.2	836.6	750.5	669.5	596.3	530.9
-45°	1250.4	1155.6	1056.8	974.1	890.0	814.7	739.1	668.2	600.1	540.4	482.4
-47.5°	1051.7	981.1	906.7	840.3	777.3	712.8	653.9	592.7	540.0	486.8	438.4
-50°	889.4	837.3	782.8	729.1	679.7	627.0	578.1	530.0	483.6	439.5	395.4
-52.5°	755.8	718.0	677.7	635.0	595.6	554.5	511.8	473.2	433.2	394.3	355.8
-55°	649.7	619.6	589.1	556.8	523.9	490.3	455.4	420.7	386.2	350.8	321.8
-57.5°	562.7	537.3	513.1	487.4	460.5	432.1	402.4	371.3	343.2	316.4	290.1
-60°	486.4	465.1	445.7	425.0	403.1	378.5	354.2	329.8	305.4	282.1	259.5
-62.5°	417.5	402.3	384.9	367.3	349.9	331.7	310.0	288.5	267.8	247.8	229.2
-65°	350.7	337.8	324.2	311.6	297.7	282.2	263.8	247.0	230.8	214.3	198.9
-67.5°	291.6	281.6	270.8	259.5	248.5	236.0	222.5	208.5	195.5	182.1	170.6
-70°	242.8	235.6	227.2	217.1	207.1	196.9	186.6	175.6	163.8	151.7	142.4
-72.5°	202.3	197.0	190.4	182.0	173.2	164.3	155.1	145.3	134.9	123.7	114.8
-75°	167.0	163.1	158.1	150.7	142.9	134.5	126.4	117.6	107.4	95.9	86.9
-77.5°	134.2	131.7	128.5	122.4	116.3	110.1	103.0	92.7	82.4	72.6	66.0
-80°	100.6	99.5	97.6	92.5	87.4	82.2	76.4	68.6	61.0	54.0	48.6
-82.5°	66.4	65.2	63.5	60.5	57.5	54.6	51.6	46.3	41.1	36.1	31.7
-85°	33.6	32.7	31.7	31.2	30.6	29.9	29.0	25.9	23.0	20.2	17.8
-87.5°	9.7	9.7	9.7	9.8	9.9	10.0	10.0	9.2	8.5	7.8	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: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	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	1.1	1.0	0.7
62.5°	1.4	0.7	1.8	2.5	1.6	1.3	1.0	3.0	1.9	1.3	1.0
60°	3.2	2.6	5.0	7.6	5.5	2.2	3.1	5.1	4.7	1.7	1.3
57.5°	16.5	7.5	11.2	14.5	13.9	7.8	6.3	8.8	8.0	4.6	1.8
55°	34.3	29.2	23.2	23.1	23.4	18.5	13.2	13.6	12.0	8.5	2.7
52.5°	52.1	50.6	45.0	36.7	33.7	30.5	24.9	19.3	17.9	12.8	6.7
50°	74.4	70.3	65.9	57.4	46.5	42.3	36.6	29.4	24.3	17.9	11.1
47.5°	99.8	92.7	86.1	77.8	65.9	54.7	48.3	39.9	31.4	24.5	15.6
45°	139.4	116.4	107.4	97.9	85.7	71.6	60.6	50.2	40.7	31.2	20.1
42.5°	180.1	148.1	129.4	118.6	105.8	90.0	73.4	61.7	49.8	37.8	25.3
40°	221.1	181.5	153.1	139.6	126.6	108.3	89.7	73.7	58.8	44.8	31.1
37.5°	265.4	218.8	180.4	161.4	147.7	127.9	106.2	86.0	68.0	52.3	36.8
35°	320.5	263.1	210.1	186.7	168.3	148.0	122.5	99.3	79.0	59.8	42.4
32.5°	382.4	312.0	252.7	214.2	189.2	168.4	139.9	114.3	90.2	67.4	48.0
30°	444.0	362.3	293.1	241.5	211.4	187.6	158.5	129.4	101.8	74.9	53.6
27.5°	491.1	405.7	331.0	274.3	236.0	206.6	177.0	144.6	113.5	83.2	59.7
25°	539.1	445.9	367.7	306.4	260.1	226.1	194.8	159.7	125.9	92.7	65.7
22.5°	595.2	484.1	398.7	335.4	285.6	245.8	211.7	175.1	138.5	102.2	71.6
20°	650.1	519.2	427.2	369.3	313.5	267.8	228.4	189.8	150.8	111.4	77.2
17.5°	706.4	568.7	474.5	404.3	342.4	289.6	244.8	203.7	162.8	120.5	82.7
15°	791.2	634.8	522.1	438.9	370.2	310.9	260.9	216.8	174.4	129.2	87.5
12.5°	871.1	697.0	568.4	472.7	397.0	331.6	276.6	229.0	185.4	136.5	91.5
10°	941.8	754.9	612.7	505.3	422.4	351.4	291.5	238.7	191.9	142.2	95.1
7.5°	1003.3	808.1	654.5	536.3	444.0	364.9	299.2	243.7	196.9	147.3	98.3
5°	1050.3	844.3	677.5	548.7	452.2	371.0	304.6	247.8	200.8	151.7	101.0
2.5°	1065.9	856.3	686.6	555.7	458.1	375.5	308.8	250.9	203.8	155.2	103.3
0°	1073.0	862.1	691.3	559.7	461.8	378.2	311.7	253.1	205.9	158.0	105.1
-2.5°	1080.9	870.1	697.8	565.9	465.6	381.9	314.8	256.4	208.9	161.1	108.1
-5°	1080.3	871.6	699.9	569.0	467.1	383.9	316.5	258.8	211.0	163.4	110.6
-7.5°	1068.9	864.8	697.2	568.4	466.3	384.1	317.0	260.2	212.3	164.8	112.6
-10°	1048.5	850.8	689.4	563.2	463.2	382.4	316.2	260.6	212.8	165.4	114.0
-12.5°	1019.7	830.8	676.7	554.8	457.7	378.8	313.9	259.4	212.5	165.2	114.8
-15°	982.8	805.1	659.3	543.1	449.8	373.5	310.2	256.9	210.7	164.0	115.0
-17.5°	938.1	773.9	637.0	528.3	439.3	366.4	305.1	253.4	208.1	161.9	114.8
-20°	896.6	741.0	611.3	510.2	426.5	357.6	298.6	249.0	205.0	159.2	114.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626912 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°
-22.5°	850.2	706.9	588.5	493.0	412.8	347.2	290.6	243.6	201.3	156.1	113.2
-25°	797.1	668.2	562.5	473.7	399.6	337.1	282.5	237.2	197.0	152.5	111.7
-27.5°	747.2	628.3	533.4	451.5	384.2	325.5	274.5	231.4	192.0	148.5	109.7
-30°	696.3	593.5	505.4	428.3	367.3	312.6	265.4	225.1	186.5	145.0	107.3
-32.5°	644.6	555.7	475.4	408.2	350.9	298.8	255.6	218.3	180.6	141.5	105.3
-35°	600.1	518.4	443.3	386.5	334.2	286.9	245.7	211.2	174.6	137.6	103.1
-37.5°	552.8	480.6	418.2	365.0	316.2	274.0	236.3	202.7	168.4	133.3	100.4
-40°	510.5	445.4	391.3	344.2	300.0	260.1	225.7	193.7	162.7	128.4	97.4
-42.5°	467.3	413.3	365.0	321.8	283.7	247.3	214.3	184.1	155.2	124.0	93.8
-45°	429.5	380.5	337.8	301.4	266.6	233.4	203.1	174.2	147.2	119.4	90.1
-47.5°	390.4	348.9	312.5	280.2	249.9	218.9	191.2	164.9	138.9	114.3	86.3
-50°	354.0	318.9	288.6	259.7	231.4	205.4	179.4	155.5	131.3	107.6	82.1
-52.5°	321.6	292.4	265.4	239.1	214.8	191.3	168.8	145.8	123.4	100.9	77.4
-55°	293.0	266.9	242.6	219.9	198.1	178.7	158.0	136.7	115.2	94.0	72.3
-57.5°	265.6	242.1	221.5	201.2	182.7	165.8	147.5	127.3	106.9	86.8	67.9
-60°	238.0	219.1	200.8	183.8	167.8	152.5	136.8	117.6	98.3	79.3	62.4
-62.5°	211.6	195.8	181.7	166.7	152.0	138.6	125.9	107.6	89.3	72.0	56.4
-65°	185.7	173.6	162.2	148.2	135.4	124.1	113.6	97.1	79.9	64.1	50.2
-67.5°	160.1	150.1	139.9	128.5	119.0	109.8	100.5	85.6	70.0	55.9	43.8
-70°	134.1	125.7	118.4	111.2	103.3	95.2	85.9	73.2	59.5	48.0	37.3
-72.5°	108.8	103.6	99.2	94.1	87.5	79.8	71.0	60.7	50.1	40.0	30.5
-75°	83.8	82.7	81.4	78.1	71.7	64.5	57.5	49.5	40.4	31.7	24.9
-77.5°	66.0	65.6	64.6	62.3	56.7	50.9	44.7	38.1	31.1	25.2	19.5
-80°	48.9	48.8	48.4	47.0	42.2	37.2	32.9	28.7	23.6	18.7	14.1
-82.5°	32.1	32.6	32.8	32.4	29.1	26.0	22.9	19.9	15.9	12.2	9.4
-85°	18.3	18.7	18.8	18.5	16.6	14.6	13.3	12.0	9.9	8.0	6.3
-87.5°	7.6	8.0	8.4	8.6	8.0	7.3	6.7	6.0	5.0	4.0	3.2
-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-SA2C-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°	0.2	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°	1.9	1.4	0.9	0.7	0.7	0.4	0.0
55°	2.9	1.6	1.1	0.7	0.7	0.4	0.0
52.5°	4.1	2.0	1.4	0.7	0.7	0.4	0.0
50°	5.4	3.2	1.6	0.7	0.7	0.4	0.0
47.5°	7.3	4.5	1.9	0.7	0.8	0.5	0.0
45°	11.1	5.9	2.1	1.0	0.8	0.5	0.0
42.5°	15.0	7.4	2.4	1.2	0.8	0.5	0.0
40°	18.8	9.0	3.2	1.4	0.8	0.5	0.0
37.5°	22.6	10.6	4.4	1.7	0.9	0.6	0.0
35°	26.4	13.2	5.6	2.1	0.9	0.6	0.0
32.5°	30.4	16.2	6.9	2.4	0.9	0.6	0.0
30°	34.9	19.1	8.1	2.8	1.0	0.6	0.0
27.5°	39.2	21.9	9.6	3.2	1.0	0.6	0.0
25°	43.4	24.6	11.0	3.7	1.0	0.6	0.0
22.5°	47.4	27.3	12.4	4.1	1.1	0.6	0.0
20°	51.2	29.8	13.8	4.5	1.1	0.7	0.0
17.5°	54.8	32.3	15.1	5.0	1.1	0.7	0.0
15°	58.0	34.5	16.3	5.5	1.2	0.7	0.0
12.5°	61.0	36.6	17.5	5.9	1.2	0.7	0.0
10°	63.7	38.5	18.6	6.3	1.3	0.7	0.0
7.5°	66.1	40.3	19.6	6.8	1.3	0.7	0.0
5°	68.2	41.8	20.6	7.2	1.3	0.7	0.0
2.5°	70.0	43.2	21.4	7.6	1.4	0.7	0.0
0°	71.5	44.3	22.2	7.9	1.4	0.7	0.0
-2.5°	73.4	45.7	23.2	8.4	1.6	0.7	0.0
-5°	75.1	46.9	24.1	8.8	1.8	0.8	0.0
-7.5°	76.3	47.8	24.9	9.3	2.0	0.8	0.0
-10°	77.2	48.5	25.5	9.6	2.2	0.9	0.0
-12.5°	77.8	49.0	25.9	9.9	2.4	0.9	0.0
-15°	77.9	49.2	26.2	10.2	2.6	1.0	0.0
-17.5°	77.7	49.2	26.4	10.4	2.8	1.0	0.0
-20°	77.5	48.9	26.3	10.5	2.9	1.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.5	48.4	26.1	10.5	3.0	1.0	0.0
-25°	77.2	48.2	25.7	10.5	3.2	1.1	0.0
-27.5°	76.4	48.0	25.1	10.4	3.3	1.1	0.0
-30°	75.3	47.5	24.4	10.3	3.3	1.1	0.0
-32.5°	73.8	46.7	24.1	10.1	3.4	1.1	0.0
-35°	72.4	45.6	23.6	9.8	3.4	1.1	0.0
-37.5°	70.7	44.4	22.9	9.4	3.5	1.1	0.0
-40°	68.7	43.3	22.0	9.0	3.4	1.1	0.0
-42.5°	66.3	41.9	21.3	8.5	3.4	1.1	0.0
-45°	63.4	40.3	20.9	8.2	3.4	1.0	0.0
-47.5°	60.2	38.4	20.3	7.8	3.3	1.0	0.0
-50°	57.4	36.2	19.4	7.6	3.2	1.0	0.0
-52.5°	54.4	33.8	18.3	7.5	3.1	1.0	0.0
-55°	51.1	31.8	17.1	7.3	2.9	0.9	0.0
-57.5°	47.4	29.6	15.6	7.1	2.8	0.9	0.0
-60°	43.5	27.2	14.0	6.7	2.6	0.8	0.0
-62.5°	39.7	24.5	13.0	6.2	2.4	0.8	0.0
-65°	35.5	21.5	11.9	5.7	2.3	0.7	0.0
-67.5°	31.0	18.8	10.7	5.1	2.1	0.7	0.0
-70°	26.1	16.5	9.3	4.4	1.9	0.6	0.0
-72.5°	22.2	14.0	7.8	3.9	1.7	0.5	0.0
-75°	18.2	11.3	6.2	3.4	1.5	0.5	0.0
-77.5°	14.0	8.5	5.1	2.8	1.2	0.4	0.0
-80°	9.7	6.5	4.2	2.3	1.0	0.3	0.0
-82.5°	7.1	4.9	3.1	1.7	0.8	0.2	0.0
-85°	4.8	3.3	2.1	1.2	0.5	0.2	0.0
-87.5°	2.4	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)