

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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626992 (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-SA2D-740-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

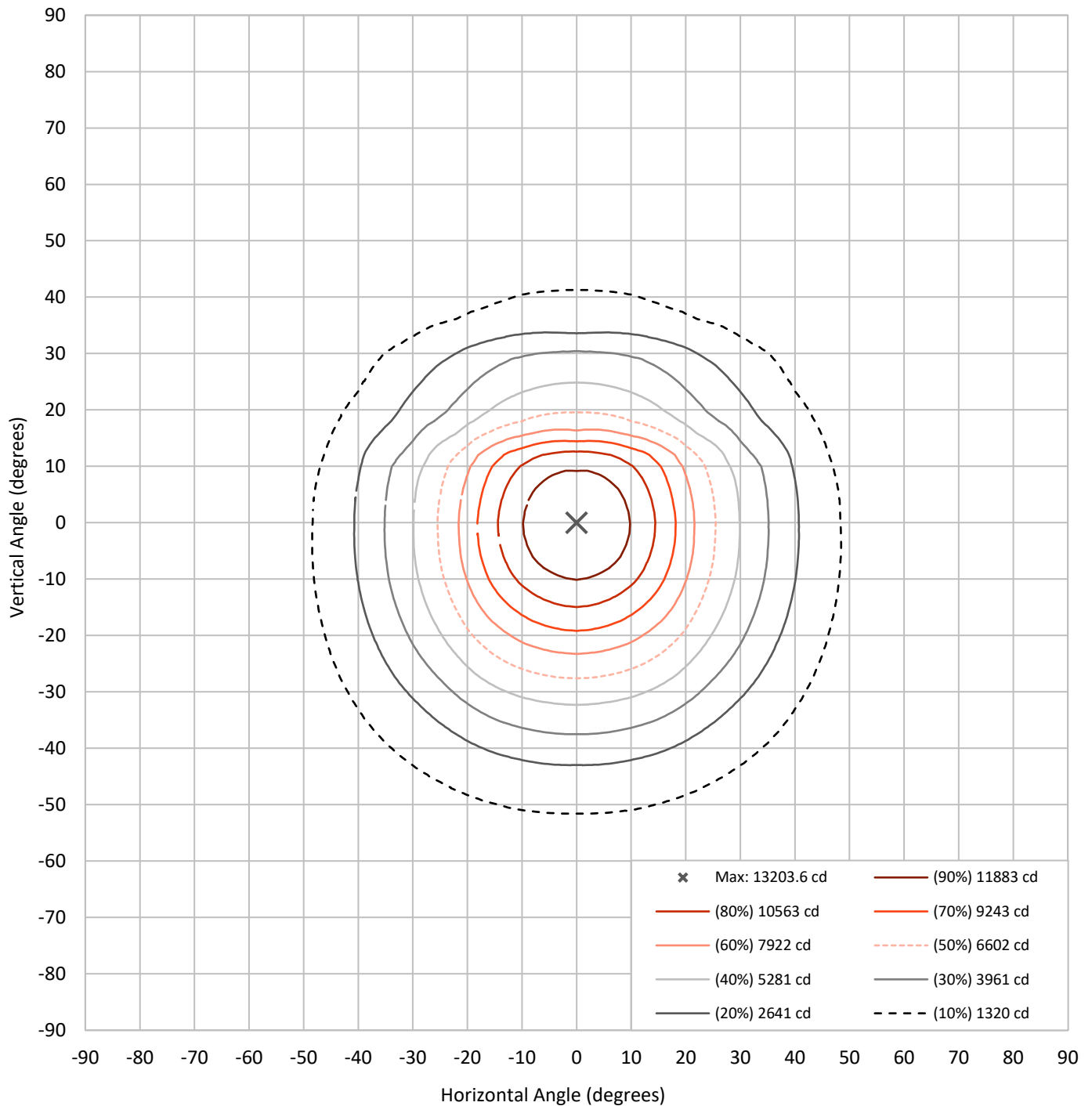
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11648.4 lumens	Max Intensity:	13203.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.2 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:	5608.2 lumens	Field Lumens:	10429.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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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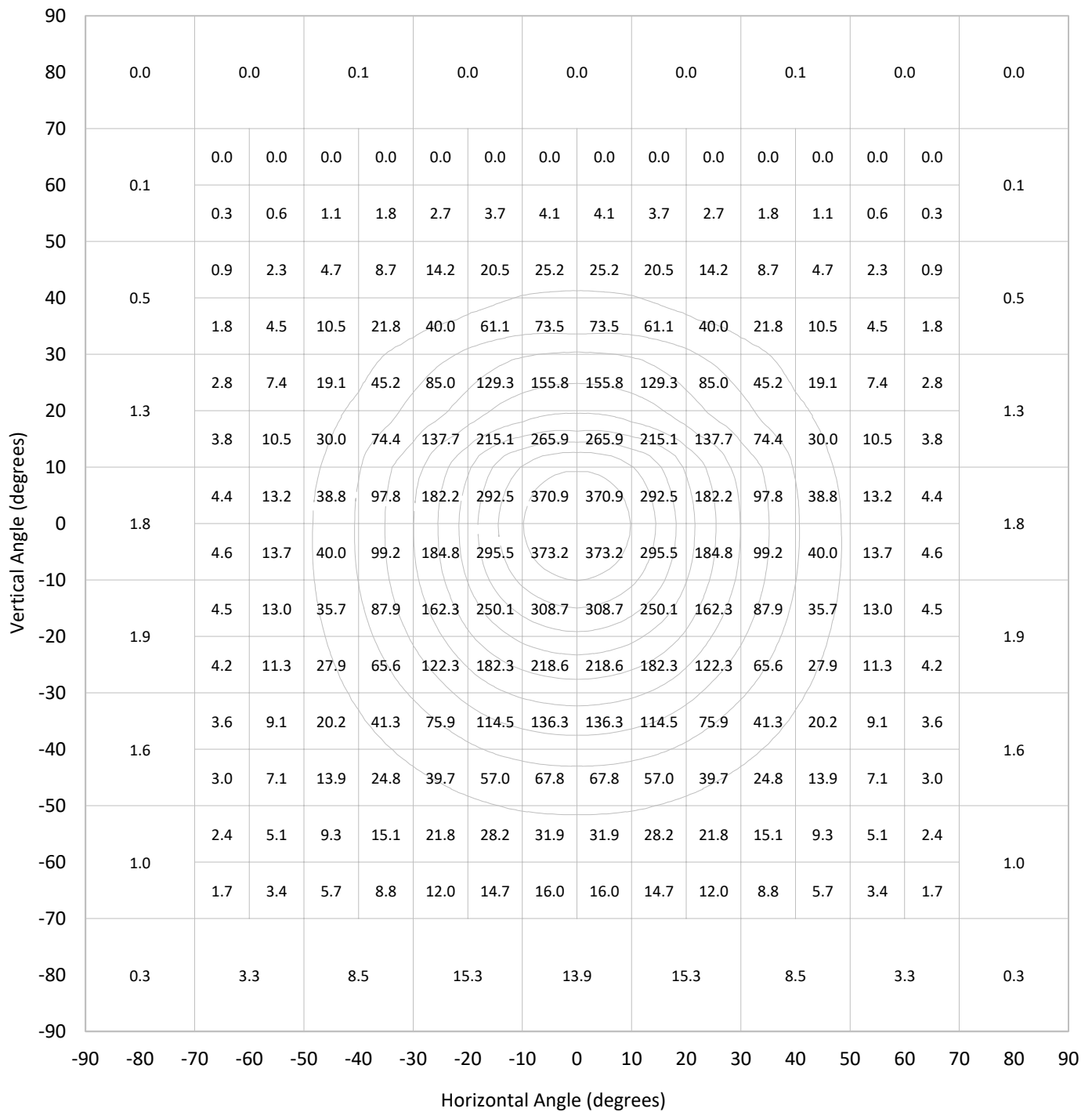
Iso-Candela Plot





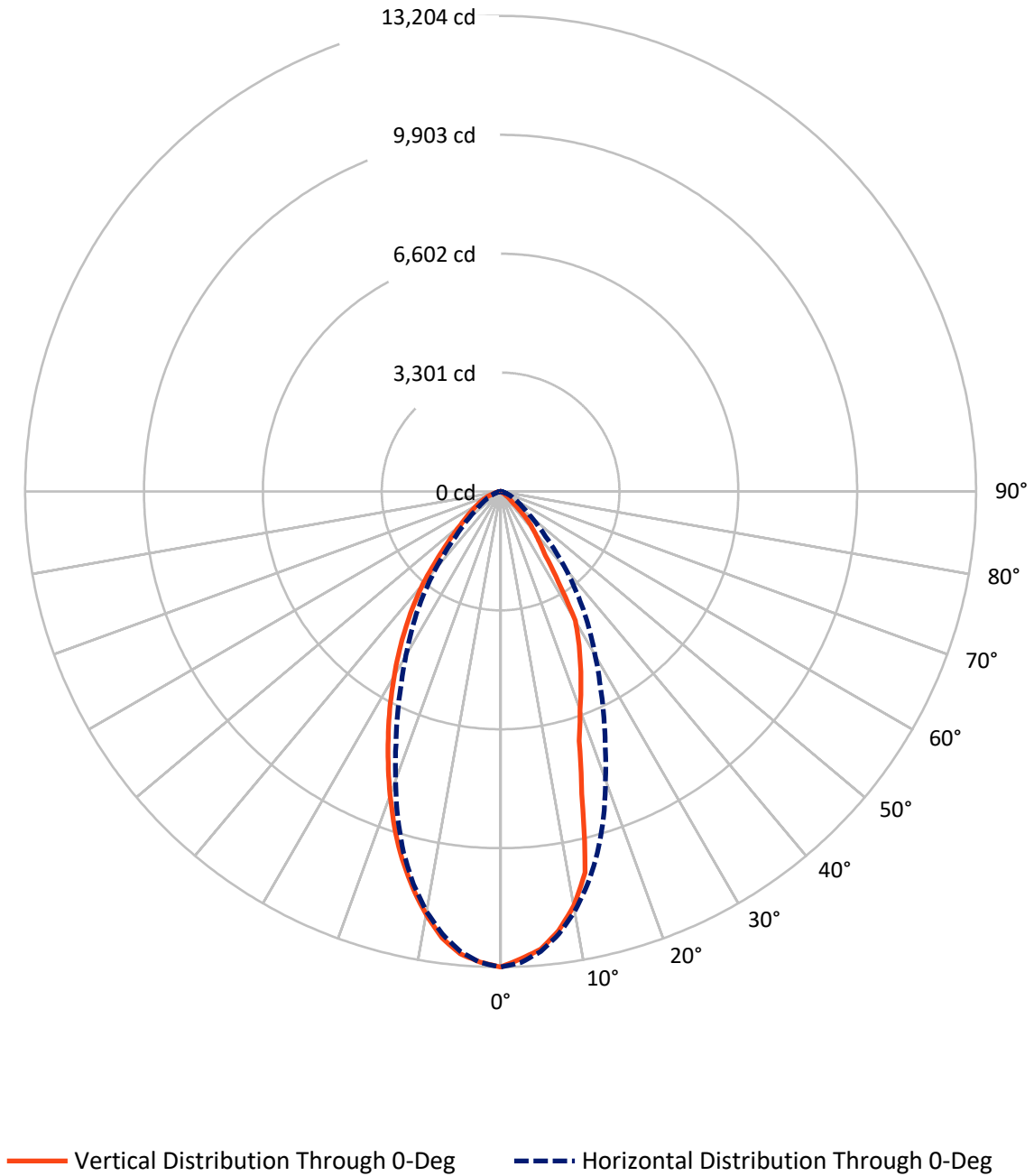
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Lumen Table



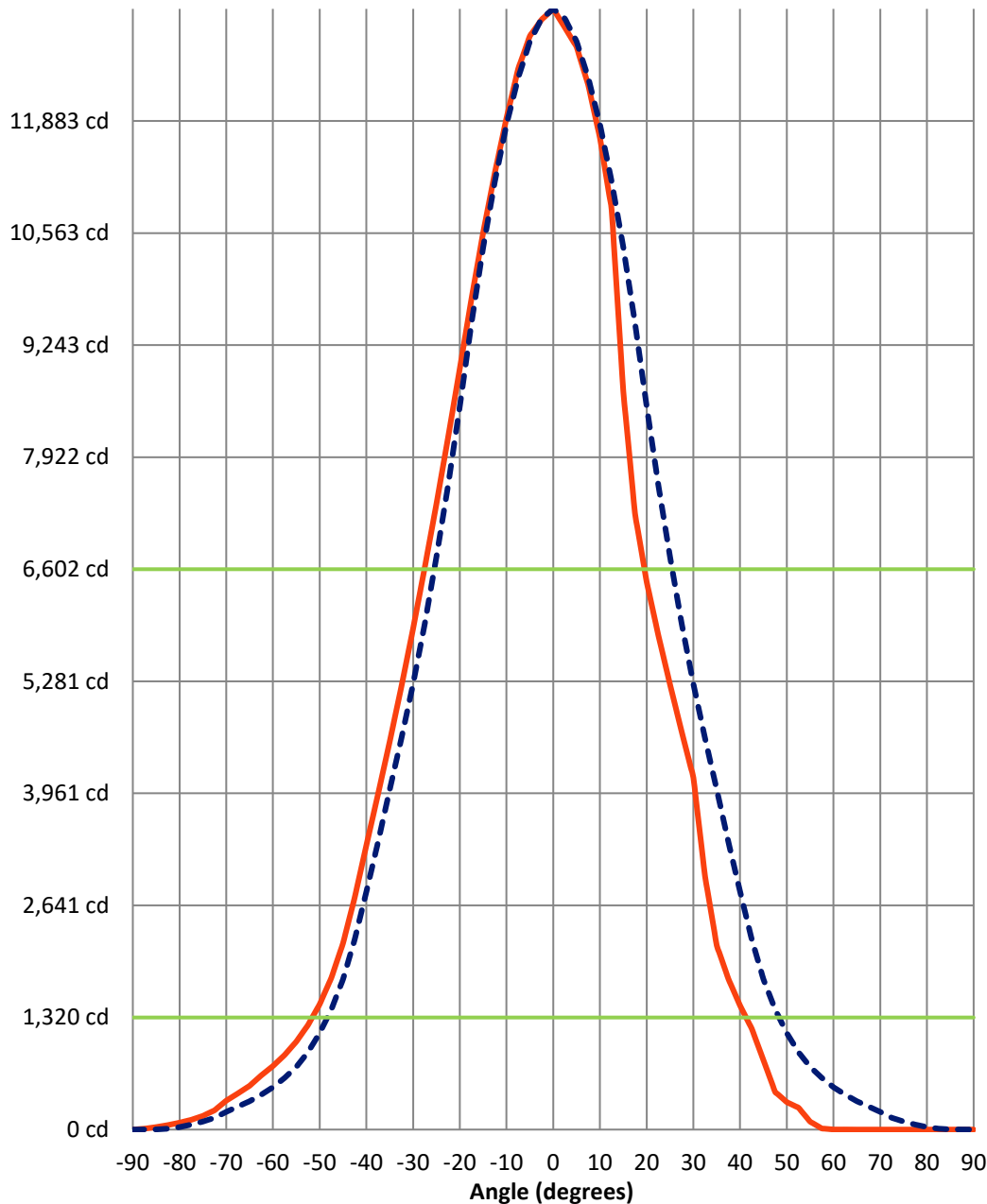
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5608.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 10429.3
 Efficiency: 89.5%

Spill:
 Lumens: 1219.1
 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	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.5	1.8
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.3	1.2	1.8	2.5	3.9
60°	0.0	0.4	0.9	0.9	0.9	1.5	1.4	1.7	2.2	6.2	6.7
57.5°	0.0	0.5	0.9	0.9	1.2	1.8	2.5	2.4	6.1	10.5	11.5
55°	0.0	0.5	0.9	0.9	1.5	2.1	3.9	3.6	11.2	15.8	17.9
52.5°	0.0	0.5	0.9	0.9	1.8	2.6	5.4	8.8	16.8	23.5	25.4
50°	0.0	0.6	1.0	0.9	2.1	4.2	7.2	14.6	23.5	32.0	38.7
47.5°	0.0	0.6	1.0	1.0	2.4	6.0	9.6	20.5	32.3	41.4	52.6
45°	0.0	0.6	1.0	1.2	2.8	7.8	14.7	26.4	41.1	53.6	66.2
42.5°	0.0	0.7	1.1	1.5	3.1	9.8	19.8	33.4	49.9	65.7	81.4
40°	0.0	0.7	1.1	1.8	4.1	11.9	24.8	41.0	59.0	77.5	97.2
37.5°	0.0	0.7	1.1	2.3	5.8	14.1	29.9	48.5	68.9	89.7	113.4
35°	0.0	0.7	1.2	2.7	7.4	17.5	34.8	55.9	78.9	104.2	130.9
32.5°	0.0	0.8	1.2	3.2	9.0	21.4	40.1	63.2	88.8	119.0	150.7
30°	0.0	0.8	1.3	3.7	10.7	25.2	46.0	70.6	98.8	134.2	170.7
27.5°	0.0	0.8	1.3	4.2	12.6	28.9	51.7	78.8	109.7	149.7	190.7
25°	0.0	0.8	1.4	4.8	14.5	32.5	57.2	86.7	122.3	166.1	210.7
22.5°	0.0	0.8	1.4	5.4	16.3	36.0	62.5	94.4	134.8	182.8	231.0
20°	0.0	0.8	1.5	6.0	18.1	39.4	67.5	101.9	147.0	199.0	250.4
17.5°	0.0	0.9	1.5	6.6	19.9	42.6	72.2	109.0	159.0	214.8	268.7
15°	0.0	0.9	1.6	7.2	21.5	45.6	76.5	115.4	170.5	230.0	286.0
12.5°	0.0	0.9	1.6	7.8	23.1	48.3	80.4	120.7	180.1	244.6	302.2
10°	0.0	0.9	1.7	8.3	24.5	50.9	84.0	125.5	187.7	253.2	314.9
7.5°	0.0	0.9	1.8	8.9	25.9	53.2	87.2	129.6	194.4	259.7	321.5
5°	0.0	0.9	1.8	9.4	27.1	55.2	89.9	133.2	200.1	264.9	326.9
2.5°	0.0	0.9	1.9	9.9	28.2	57.0	92.3	136.2	204.8	268.9	331.1
0°	0.0	0.9	1.9	10.4	29.2	58.5	94.3	138.6	208.4	271.6	333.9
-2.5°	0.0	1.0	2.2	11.1	30.5	60.3	96.9	142.6	212.5	275.5	338.3
-5°	0.0	1.0	2.5	11.7	31.7	61.9	99.0	146.0	215.5	278.3	341.5
-7.5°	0.0	1.1	2.7	12.2	32.7	63.1	100.7	148.6	217.4	280.1	343.3
-10°	0.0	1.1	3.0	12.7	33.6	64.1	101.9	150.5	218.2	280.8	343.9
-12.5°	0.0	1.2	3.2	13.1	34.2	64.7	102.6	151.5	217.9	280.4	342.3
-15°	0.0	1.2	3.5	13.4	34.6	65.0	102.8	151.8	216.3	277.9	339.0
-17.5°	0.0	1.3	3.7	13.6	34.8	64.9	102.5	151.5	213.6	274.6	334.3
-20°	0.0	1.3	3.9	13.8	34.8	64.6	102.3	150.8	210.1	270.5	328.5

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CATALOG NUMBER: GFLD-SA2D-740-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	1.3	4.1	13.9	34.5	63.9	102.3	149.4	205.9	265.6	321.3
-25°	0.0	1.4	4.2	13.9	33.9	63.6	101.8	147.4	201.2	259.9	312.9
-27.5°	0.0	1.4	4.3	13.8	33.2	63.4	100.9	144.8	195.9	253.4	305.2
-30°	0.0	1.4	4.4	13.6	32.2	62.7	99.4	141.6	191.3	246.0	296.9
-32.5°	0.0	1.4	4.5	13.3	31.8	61.6	97.4	138.9	186.8	238.3	288.0
-35°	0.0	1.4	4.6	12.9	31.1	60.1	95.5	136.0	181.6	230.4	278.6
-37.5°	0.0	1.4	4.6	12.4	30.2	58.5	93.3	132.5	175.8	222.2	267.5
-40°	0.0	1.4	4.6	11.9	29.0	57.1	90.6	128.4	169.5	214.6	255.6
-42.5°	0.0	1.4	4.5	11.3	28.1	55.3	87.4	123.8	163.6	204.7	242.9
-45°	0.0	1.4	4.4	10.9	27.6	53.1	83.7	118.9	157.5	194.1	229.8
-47.5°	0.0	1.3	4.3	10.3	26.7	50.6	79.5	113.9	150.8	183.2	217.6
-50°	0.0	1.3	4.2	10.1	25.6	47.8	75.7	108.2	141.9	173.2	205.1
-52.5°	0.0	1.2	4.1	10.0	24.2	44.5	71.8	102.0	133.1	162.8	192.3
-55°	0.0	1.2	3.9	9.7	22.5	41.9	67.3	95.4	124.0	152.0	180.4
-57.5°	0.0	1.1	3.7	9.3	20.6	39.1	62.5	89.5	114.4	141.0	168.0
-60°	0.0	1.1	3.4	8.8	18.5	35.8	57.3	82.3	104.6	129.7	155.2
-62.5°	0.0	1.0	3.2	8.2	17.2	32.2	52.3	74.4	94.9	117.8	141.9
-65°	0.0	0.9	3.0	7.5	15.7	28.3	46.8	66.2	84.6	105.4	128.1
-67.5°	0.0	0.9	2.7	6.7	14.1	24.8	40.8	57.8	73.7	92.3	112.9
-70°	0.0	0.8	2.5	5.7	12.2	21.7	34.4	49.1	63.4	78.6	96.6
-72.5°	0.0	0.7	2.2	5.1	10.3	18.4	29.2	40.2	52.8	66.1	80.1
-75°	0.0	0.6	1.9	4.4	8.2	15.0	24.0	32.8	41.9	53.3	65.4
-77.5°	0.0	0.5	1.6	3.7	6.8	11.3	18.5	25.8	33.2	41.1	50.3
-80°	0.0	0.4	1.3	3.0	5.5	8.6	12.8	18.6	24.7	31.2	37.9
-82.5°	0.0	0.3	1.0	2.3	4.1	6.5	9.4	12.5	16.1	21.1	26.2
-85°	0.0	0.2	0.7	1.5	2.8	4.4	6.3	8.4	10.6	13.1	15.9
-87.5°	0.0	0.1	0.3	0.8	1.4	2.2	3.2	4.2	5.3	6.6	8.0
-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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.3	1.4	1.0	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.7	2.1	3.3	2.4	0.9	1.8	2.1	1.4	1.1	1.2
60°	4.1	2.8	7.2	10.0	6.5	3.5	4.3	8.5	7.0	1.9	5.0
57.5°	8.3	10.3	18.2	19.1	14.7	10.0	21.8	24.2	20.1	12.6	18.2
55°	17.4	24.4	30.8	30.5	30.6	38.5	45.3	44.5	39.2	54.1	68.1
52.5°	32.8	40.1	44.4	48.4	59.4	66.7	68.8	73.0	88.4	106.8	110.1
50°	48.2	55.7	61.4	75.7	87.0	92.8	98.2	112.2	135.5	148.1	150.1
47.5°	63.7	72.2	87.0	102.7	113.5	122.3	131.6	163.6	189.5	200.3	204.2
45°	80.0	94.5	113.0	129.1	141.7	153.6	183.9	227.6	245.8	262.3	304.2
42.5°	96.8	118.7	139.5	156.4	170.7	195.4	237.6	279.9	306.1	341.1	391.8
40°	118.3	142.8	166.9	184.1	201.9	239.4	291.7	336.5	364.1	411.2	468.9
37.5°	140.1	168.8	194.8	213.0	238.0	288.7	350.1	403.7	438.0	476.3	569.0
35°	161.6	195.3	222.0	246.3	277.2	347.1	422.8	482.5	524.9	590.4	707.8
32.5°	184.6	222.2	249.6	282.6	333.4	411.6	504.5	570.8	641.1	735.4	923.4
30°	209.1	247.5	278.9	318.6	386.7	478.0	585.8	669.1	764.5	917.7	1120.4
27.5°	233.5	272.6	311.3	361.9	436.7	535.2	647.9	779.2	902.5	1073.8	1295.4
25°	257.0	298.2	343.1	404.3	485.1	588.2	711.3	862.8	1023.7	1219.6	1479.7
22.5°	279.4	324.3	376.8	442.5	525.9	638.6	785.3	963.2	1156.6	1359.6	1658.5
20°	301.3	353.3	413.7	487.2	563.5	685.0	857.7	1073.2	1315.5	1593.6	1886.5
17.5°	323.0	382.0	451.7	533.4	625.9	750.3	932.0	1188.5	1483.4	1845.3	2206.0
15°	344.3	410.2	488.5	579.0	688.8	837.5	1043.9	1325.7	1682.1	2115.5	2542.7
12.5°	364.9	437.5	523.8	623.6	749.9	919.6	1149.3	1453.4	1861.8	2379.5	2904.3
10°	384.6	463.7	557.3	666.6	808.4	996.0	1242.5	1563.8	1997.3	2530.9	3114.6
7.5°	394.7	481.4	585.9	707.6	863.5	1066.1	1323.6	1657.2	2103.2	2652.6	3237.8
5°	401.9	489.5	596.6	723.9	893.8	1113.8	1385.6	1733.5	2181.2	2744.1	3321.3
2.5°	407.4	495.3	604.5	733.2	905.8	1129.7	1406.2	1760.1	2223.1	2791.9	3370.0
0°	411.2	498.9	609.3	738.5	912.0	1137.4	1415.6	1771.2	2240.8	2802.9	3387.7
-2.5°	415.2	503.8	614.4	746.7	920.7	1147.9	1426.0	1779.0	2254.1	2806.0	3397.2
-5°	417.6	506.4	616.3	750.7	923.5	1149.8	1425.3	1771.6	2243.5	2784.0	3376.5
-7.5°	418.2	506.7	615.2	749.9	919.9	1140.9	1410.2	1749.4	2207.0	2739.4	3325.5
-10°	417.2	504.5	611.2	743.0	909.5	1122.4	1383.3	1711.1	2146.8	2665.8	3239.3
-12.5°	414.2	499.8	603.9	731.9	892.9	1096.1	1345.3	1656.5	2063.4	2563.5	3117.8
-15°	409.3	492.7	593.4	716.6	869.8	1062.2	1296.6	1585.6	1955.9	2433.5	2966.6
-17.5°	402.5	483.4	579.6	697.0	840.4	1021.0	1237.6	1502.6	1840.0	2288.4	2798.5
-20°	393.9	471.8	562.6	673.2	806.5	977.6	1182.9	1429.1	1731.5	2122.2	2600.1



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CATALOG NUMBER: GFLD-SA2D-740-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°	383.5	457.9	544.6	650.4	776.5	932.6	1121.7	1345.8	1609.8	1930.2	2383.5
-25°	372.7	444.7	527.1	625.0	742.1	881.6	1051.7	1255.9	1494.9	1788.2	2163.0
-27.5°	362.1	429.4	506.9	595.7	703.7	828.9	985.9	1172.0	1385.0	1634.4	1939.7
-30°	350.2	412.4	484.5	565.0	666.8	783.1	918.7	1078.2	1267.6	1493.0	1758.3
-32.5°	337.2	394.1	462.9	538.5	627.3	733.1	850.4	994.7	1159.5	1345.4	1574.7
-35°	324.2	378.5	440.8	509.9	584.9	684.0	791.8	911.5	1051.7	1216.3	1399.7
-37.5°	311.7	361.5	417.1	481.5	551.8	634.1	729.4	837.4	958.1	1089.0	1247.5
-40°	297.8	343.2	395.7	454.1	516.2	587.6	673.5	765.2	869.1	984.3	1106.7
-42.5°	282.7	326.3	374.3	424.6	481.6	545.3	616.6	700.4	786.7	883.3	990.1
-45°	267.9	308.0	351.8	397.7	445.7	502.0	566.7	636.5	713.0	791.8	881.5
-47.5°	252.3	288.9	329.8	369.7	412.2	460.3	515.1	578.5	642.3	712.5	782.0
-50°	236.7	271.0	305.4	342.7	380.8	420.7	467.1	521.7	579.8	638.1	699.3
-52.5°	222.7	252.4	283.5	315.5	350.2	385.7	424.4	469.4	520.2	571.5	624.3
-55°	208.4	235.8	261.5	290.2	320.2	352.2	386.6	424.5	462.8	509.6	555.0
-57.5°	194.5	218.7	241.1	265.5	292.2	319.5	350.5	382.7	417.5	452.8	489.9
-60°	180.5	201.1	221.3	242.5	264.9	289.1	314.1	342.4	372.2	402.9	435.1
-62.5°	166.1	182.8	200.6	220.0	239.7	258.3	279.3	302.4	327.0	353.3	380.6
-65°	149.9	163.7	178.6	195.5	214.0	229.0	245.1	262.5	282.8	304.5	325.9
-67.5°	132.5	144.9	157.0	169.5	184.5	198.0	211.2	225.0	240.2	257.9	275.1
-70°	113.3	125.6	136.3	146.6	156.2	165.8	177.0	187.9	200.2	216.1	231.7
-72.5°	93.8	105.2	115.4	124.2	130.9	136.6	143.5	151.5	163.2	178.0	191.7
-75°	75.9	85.1	94.6	103.0	107.4	109.1	110.5	114.7	126.6	141.7	155.1
-77.5°	59.1	67.2	74.9	82.2	85.3	86.4	87.0	87.0	95.8	108.7	122.3
-80°	43.5	49.1	55.7	62.0	63.8	64.4	64.4	64.0	71.2	80.5	90.5
-82.5°	30.3	34.3	38.5	42.7	43.3	43.0	42.4	41.7	47.5	54.2	61.1
-85°	17.6	19.3	21.9	24.5	24.8	24.6	24.2	23.4	26.7	30.3	34.1
-87.5°	8.8	9.7	10.5	11.4	11.1	10.6	10.0	9.3	10.2	11.2	12.1
-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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.2	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	5.3	3.0	3.1	3.9	3.3	1.5	3.0	3.9	3.6	2.8	2.4
57.5°	27.1	22.7	15.9	26.5	27.3	19.0	20.7	27.0	26.1	20.2	20.1
55°	68.2	69.2	74.3	81.0	86.0	88.3	90.3	100.4	111.3	121.9	127.2
52.5°	112.6	125.8	142.2	153.1	160.7	176.2	197.9	207.9	217.6	228.7	236.6
50°	165.9	188.8	205.3	207.7	233.5	250.3	254.3	273.0	293.4	306.1	315.2
47.5°	246.8	275.8	290.2	299.3	330.8	365.3	365.3	376.1	427.1	453.8	466.7
45°	355.5	379.7	405.1	470.9	531.5	550.7	591.9	647.6	683.8	733.7	788.5
42.5°	448.1	493.5	557.0	629.5	690.3	740.8	801.9	868.9	949.4	1025.1	1090.4
40°	539.7	595.9	674.5	753.5	829.9	900.0	998.5	1084.6	1179.5	1283.6	1370.4
37.5°	659.2	731.1	812.4	911.9	1031.0	1108.7	1244.2	1368.0	1474.9	1600.6	1678.1
35°	842.8	936.5	1008.5	1209.6	1354.4	1445.4	1605.8	1809.2	1887.4	2045.7	2120.8
32.5°	1073.7	1198.1	1387.5	1653.9	1847.3	2014.7	2254.5	2461.0	2636.9	2795.9	2961.3
30°	1333.0	1525.0	1804.3	2158.3	2354.6	2589.2	2913.4	3158.2	3434.2	3737.1	3843.2
27.5°	1568.3	1856.0	2180.3	2467.0	2749.0	3041.1	3359.7	3674.2	3972.9	4225.0	4394.1
25°	1786.4	2134.9	2450.0	2756.4	3062.0	3390.9	3751.3	4108.0	4436.7	4696.0	4893.2
22.5°	2011.4	2379.6	2716.7	3027.5	3383.0	3755.8	4139.1	4548.1	4922.2	5191.2	5406.0
20°	2223.0	2632.4	3016.9	3370.9	3706.9	4137.3	4578.6	5012.5	5419.8	5740.3	5988.0
17.5°	2558.8	2914.2	3384.1	3843.9	4222.6	4617.8	5207.6	5655.4	6107.4	6491.3	6753.8
15°	2971.2	3361.9	3847.2	4478.7	4997.5	5450.4	6059.6	6788.1	7321.3	7811.3	8147.4
12.5°	3383.8	3825.9	4350.7	5061.5	5799.9	6333.4	7072.6	7995.7	8616.7	9375.3	9749.3
10°	3700.1	4255.2	4795.7	5444.3	6153.6	6913.2	7710.1	8573.7	9403.4	10054.9	10637.2
7.5°	3827.5	4418.7	5044.5	5706.2	6415.4	7199.5	8048.7	8947.3	9801.3	10528.9	11168.9
5°	3922.7	4528.5	5158.3	5835.0	6593.1	7411.9	8273.8	9217.3	10089.4	10869.2	11524.0
2.5°	3983.1	4594.7	5221.8	5909.7	6707.1	7550.2	8439.8	9408.3	10293.4	11096.3	11748.9
0°	4006.3	4609.0	5251.2	5959.5	6748.9	7593.9	8522.0	9501.9	10394.0	11170.2	11841.7
-2.5°	4009.5	4595.7	5253.2	5958.0	6713.3	7566.2	8505.5	9477.2	10351.2	11124.3	11801.8
-5°	3978.0	4564.0	5222.1	5916.2	6672.6	7519.1	8418.0	9357.0	10190.6	10943.0	11595.2
-7.5°	3914.2	4498.5	5142.1	5820.3	6556.3	7377.4	8240.8	9113.8	9931.6	10653.2	11275.7
-10°	3819.6	4391.6	5012.8	5673.7	6370.1	7151.1	7974.3	8808.4	9575.3	10242.6	10818.2
-12.5°	3691.4	4250.2	4843.5	5474.4	6122.6	6867.2	7644.5	8427.8	9126.8	9736.0	10252.4
-15°	3524.9	4070.6	4645.2	5241.8	5870.4	6543.7	7241.3	7959.8	8604.5	9144.7	9616.5
-17.5°	3328.7	3858.0	4403.7	4956.7	5553.1	6184.9	6832.5	7477.4	8027.3	8507.2	8938.7
-20°	3110.1	3620.0	4138.3	4653.9	5195.0	5779.3	6377.4	6943.9	7424.4	7860.6	8255.4



REPORT NUMBER: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	2864.9	3353.1	3849.7	4332.3	4820.3	5349.3	5883.4	6395.8	6845.2	7218.3	7561.4
-25°	2602.5	3053.5	3522.6	3975.0	4424.1	4898.2	5383.4	5854.7	6250.3	6574.2	6857.7
-27.5°	2338.0	2750.2	3163.5	3589.4	4004.5	4442.0	4881.2	5288.3	5643.5	5941.7	6179.9
-30°	2060.1	2428.5	2806.0	3191.3	3587.7	3988.1	4384.9	4741.4	5051.4	5313.7	5519.6
-32.5°	1829.1	2109.0	2442.2	2792.0	3163.6	3528.4	3873.6	4198.5	4490.7	4719.7	4894.3
-35°	1607.6	1844.7	2094.2	2403.9	2723.1	3058.8	3376.4	3666.4	3926.8	4126.9	4291.2
-37.5°	1417.3	1604.8	1815.8	2036.9	2304.6	2582.1	2868.7	3141.4	3373.6	3548.2	3694.9
-40°	1252.6	1400.6	1569.2	1744.5	1941.4	2140.8	2390.3	2620.5	2810.0	2973.2	3106.2
-42.5°	1103.7	1228.6	1353.1	1496.8	1645.4	1805.7	1980.8	2151.1	2296.5	2433.1	2546.0
-45°	975.1	1074.9	1174.1	1285.1	1394.2	1524.6	1649.7	1761.4	1879.2	1981.4	2061.9
-47.5°	862.7	940.5	1025.5	1108.6	1196.2	1294.4	1387.5	1472.4	1558.8	1633.6	1693.6
-50°	762.7	827.2	896.7	961.9	1032.8	1104.6	1173.5	1241.1	1306.6	1363.5	1407.8
-52.5°	675.3	731.6	785.7	837.7	894.1	947.2	997.1	1052.8	1104.1	1149.0	1179.3
-55°	600.8	646.8	691.1	734.6	777.2	817.5	857.2	900.5	940.1	975.7	998.3
-57.5°	530.9	570.1	607.6	643.1	676.9	708.9	742.4	775.7	806.1	833.0	850.5
-60°	467.3	499.3	531.7	560.7	588.0	613.6	641.7	668.4	693.0	713.6	725.7
-62.5°	409.0	437.7	461.7	484.5	507.7	530.8	550.8	570.5	589.5	605.5	616.0
-65°	348.1	372.4	392.8	411.2	427.8	445.6	462.7	478.1	491.8	502.3	508.9
-67.5°	293.5	311.4	327.8	342.4	357.3	371.6	384.7	396.4	406.7	413.9	418.7
-70°	246.2	259.8	273.2	286.5	299.7	310.9	320.4	329.2	337.1	340.4	341.9
-72.5°	204.6	216.7	228.5	240.2	251.2	259.9	266.9	273.3	279.1	274.1	265.4
-75°	166.8	177.5	188.5	198.8	208.5	215.2	220.4	225.2	229.6	218.8	203.9
-77.5°	136.0	145.4	153.5	161.6	169.5	173.8	177.1	180.3	183.4	171.4	156.1
-80°	100.9	108.4	115.3	122.1	128.8	131.3	132.8	133.8	134.3	124.0	112.1
-82.5°	68.1	72.1	75.9	79.8	83.9	86.0	87.6	88.8	89.7	82.4	74.1
-85°	38.2	39.3	40.3	41.1	41.7	43.1	44.3	45.5	46.6	43.1	39.3
-87.5°	13.1	13.1	13.0	12.9	12.8	12.8	12.8	12.8	12.8	12.2	11.6
-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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.8	1.1	0.9	0.9	0.9	1.1	1.8	2.4	2.8	3.6	3.9
57.5°	18.7	16.3	14.7	13.2	14.7	16.3	18.7	20.1	20.2	26.1	27.0
55°	124.9	116.3	105.8	93.4	105.8	116.3	124.9	127.2	121.9	111.3	100.4
52.5°	245.0	253.2	257.9	257.5	257.9	253.2	245.0	236.6	228.7	217.6	207.9
50°	322.5	326.9	327.2	323.5	327.2	326.9	322.5	315.2	306.1	293.4	273.0
47.5°	472.5	466.4	455.7	444.2	455.7	466.4	472.5	466.7	453.8	427.1	376.1
45°	824.6	844.4	843.1	817.7	843.1	844.4	824.6	788.5	733.7	683.8	647.6
42.5°	1126.8	1156.5	1177.6	1188.3	1177.6	1156.5	1126.8	1090.4	1025.1	949.4	868.9
40°	1419.2	1448.0	1460.6	1459.9	1460.6	1448.0	1419.2	1370.4	1283.6	1179.5	1084.6
37.5°	1728.3	1765.5	1783.5	1774.9	1783.5	1765.5	1728.3	1678.1	1600.6	1474.9	1368.0
35°	2153.3	2188.1	2188.7	2171.0	2188.7	2188.1	2153.3	2120.8	2045.7	1887.4	1809.2
32.5°	3092.6	3104.2	3014.8	2983.1	3014.8	3104.2	3092.6	2961.3	2795.9	2636.9	2461.0
30°	3948.8	4031.3	4108.1	4146.9	4108.1	4031.3	3948.8	3843.2	3737.1	3434.2	3158.2
27.5°	4521.6	4620.9	4682.4	4686.3	4682.4	4620.9	4521.6	4394.1	4225.0	3972.9	3674.2
25°	5042.6	5153.6	5220.7	5243.7	5220.7	5153.6	5042.6	4893.2	4696.0	4436.7	4108.0
22.5°	5588.4	5719.3	5806.0	5823.7	5806.0	5719.3	5588.4	5406.0	5191.2	4922.2	4548.1
20°	6221.6	6374.0	6457.2	6453.7	6457.2	6374.0	6221.6	5988.0	5740.3	5419.8	5012.5
17.5°	7055.3	7218.7	7290.5	7259.1	7290.5	7218.7	7055.3	6753.8	6491.3	6107.4	5655.4
15°	8492.4	8834.2	8832.8	8696.4	8832.8	8834.2	8492.4	8147.4	7811.3	7321.3	6788.1
12.5°	10265.1	10519.8	10781.1	10837.3	10781.1	10519.8	10265.1	9749.3	9375.3	8616.7	7995.7
10°	11127.7	11465.9	11689.2	11683.3	11689.2	11465.9	11127.7	10637.2	10054.9	9403.4	8573.7
7.5°	11667.3	12041.0	12311.5	12305.7	12311.5	12041.0	11667.3	11168.9	10528.9	9801.3	8947.3
5°	12083.7	12498.2	12737.9	12755.6	12737.9	12498.2	12083.7	11524.0	10869.2	10089.4	9217.3
2.5°	12300.1	12732.7	13020.8	12982.9	13020.8	12732.7	12300.1	11748.9	11096.3	10293.4	9408.3
0°	12390.6	12818.8	13087.6	13203.6	13087.6	12818.8	12390.6	11841.7	11170.2	10394.0	9501.9
-2.5°	12351.1	12767.7	13064.8	13076.3	13064.8	12767.7	12351.1	11801.8	11124.3	10351.2	9477.2
-5°	12139.5	12579.1	12778.1	12883.9	12778.1	12579.1	12139.5	11595.2	10943.0	10190.6	9357.0
-7.5°	11798.2	12127.7	12380.5	12497.2	12380.5	12127.7	11798.2	11275.7	10653.2	9931.6	9113.8
-10°	11267.1	11608.1	11821.7	11918.1	11821.7	11608.1	11267.1	10818.2	10242.6	9575.3	8808.4
-12.5°	10678.6	10988.6	11191.7	11273.0	11191.7	10988.6	10678.6	10252.4	9736.0	9126.8	8427.8
-15°	10022.1	10303.6	10490.5	10568.5	10490.5	10303.6	10022.1	9616.5	9144.7	8604.5	7959.8
-17.5°	9299.5	9546.1	9732.4	9788.6	9732.4	9546.1	9299.5	8938.7	8507.2	8027.3	7477.4
-20°	8556.4	8779.3	8932.7	8966.2	8932.7	8779.3	8556.4	8255.4	7860.6	7424.4	6943.9



REPORT NUMBER: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	7807.7	7991.3	8115.9	8157.9	8115.9	7991.3	7807.7	7561.4	7218.3	6845.2	6395.8
-25°	7075.9	7234.5	7334.7	7372.3	7334.7	7234.5	7075.9	6857.7	6574.2	6250.3	5854.7
-27.5°	6372.1	6519.9	6612.1	6624.4	6612.1	6519.9	6372.1	6179.9	5941.7	5643.5	5288.3
-30°	5679.7	5801.8	5872.8	5902.9	5872.8	5801.8	5679.7	5519.6	5313.7	5051.4	4741.4
-32.5°	5032.6	5139.2	5203.0	5220.1	5203.0	5139.2	5032.6	4894.3	4719.7	4490.7	4198.5
-35°	4421.8	4520.2	4576.8	4572.2	4576.8	4520.2	4421.8	4291.2	4126.9	3926.8	3666.4
-37.5°	3816.2	3907.0	3958.3	3953.5	3958.3	3907.0	3816.2	3694.9	3548.2	3373.6	3141.4
-40°	3215.4	3293.8	3339.0	3349.9	3339.0	3293.8	3215.4	3106.2	2973.2	2810.0	2620.5
-42.5°	2639.8	2712.2	2748.3	2734.1	2748.3	2712.2	2639.8	2546.0	2433.1	2296.5	2151.1
-45°	2118.2	2155.6	2180.2	2195.6	2180.2	2155.6	2118.2	2061.9	1981.4	1879.2	1761.4
-47.5°	1737.5	1768.5	1785.2	1788.1	1785.2	1768.5	1737.5	1693.6	1633.6	1558.8	1472.4
-50°	1442.2	1468.6	1480.3	1476.9	1480.3	1468.6	1442.2	1407.8	1363.5	1306.6	1241.1
-52.5°	1201.1	1216.4	1226.7	1231.7	1226.7	1216.4	1201.1	1179.3	1149.0	1104.1	1052.8
-55°	1015.3	1027.2	1034.1	1036.5	1034.1	1027.2	1015.3	998.3	975.7	940.1	900.5
-57.5°	865.0	876.3	880.4	879.0	880.4	876.3	865.0	850.5	833.0	806.1	775.7
-60°	735.0	741.4	746.3	748.8	746.3	741.4	735.0	725.7	713.6	693.0	668.4
-62.5°	624.4	630.5	635.6	638.5	635.6	630.5	624.4	616.0	605.5	589.5	570.5
-65°	513.6	516.3	517.1	515.9	517.1	516.3	513.6	508.9	502.3	491.8	478.1
-67.5°	422.3	424.5	426.0	426.3	426.0	424.5	422.3	418.7	413.9	406.7	396.4
-70°	343.3	344.3	343.2	340.5	343.2	344.3	343.3	341.9	340.4	337.1	329.2
-72.5°	256.4	247.0	237.7	227.3	237.7	247.0	256.4	265.4	274.1	279.1	273.3
-75°	188.6	172.6	166.9	161.3	166.9	172.6	188.6	203.9	218.8	229.6	225.2
-77.5°	140.2	123.6	119.2	115.1	119.2	123.6	140.2	156.1	171.4	183.4	180.3
-80°	99.7	86.7	83.9	81.1	83.9	86.7	99.7	112.1	124.0	134.3	133.8
-82.5°	65.5	56.5	54.6	52.8	54.6	56.5	65.5	74.1	82.4	89.7	88.8
-85°	35.2	31.0	30.1	29.2	30.1	31.0	35.2	39.3	43.1	46.6	45.5
-87.5°	11.0	10.4	10.4	10.4	10.4	10.4	11.0	11.6	12.2	12.8	12.8
-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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.2	1.2	1.1	1.4	2.1
60°	3.0	1.5	3.3	3.9	3.1	3.0	5.3	5.0	1.9	7.0	8.5
57.5°	20.7	19.0	27.3	26.5	15.9	22.7	27.1	18.2	12.6	20.1	24.2
55°	90.3	88.3	86.0	81.0	74.3	69.2	68.2	68.1	54.1	39.2	44.5
52.5°	197.9	176.2	160.7	153.1	142.2	125.8	112.6	110.1	106.8	88.4	73.0
50°	254.3	250.3	233.5	207.7	205.3	188.8	165.9	150.1	148.1	135.5	112.2
47.5°	365.3	365.3	330.8	299.3	290.2	275.8	246.8	204.2	200.3	189.5	163.6
45°	591.9	550.7	531.5	470.9	405.1	379.7	355.5	304.2	262.3	245.8	227.6
42.5°	801.9	740.8	690.3	629.5	557.0	493.5	448.1	391.8	341.1	306.1	279.9
40°	998.5	900.0	829.9	753.5	674.5	595.9	539.7	468.9	411.2	364.1	336.5
37.5°	1244.2	1108.7	1031.0	911.9	812.4	731.1	659.2	569.0	476.3	438.0	403.7
35°	1605.8	1445.4	1354.4	1209.6	1008.5	936.5	842.8	707.8	590.4	524.9	482.5
32.5°	2254.5	2014.7	1847.3	1653.9	1387.5	1198.1	1073.7	923.4	735.4	641.1	570.8
30°	2913.4	2589.2	2354.6	2158.3	1804.3	1525.0	1333.0	1120.4	917.7	764.5	669.1
27.5°	3359.7	3041.1	2749.0	2467.0	2180.3	1856.0	1568.3	1295.4	1073.8	902.5	779.2
25°	3751.3	3390.9	3062.0	2756.4	2450.0	2134.9	1786.4	1479.7	1219.6	1023.7	862.8
22.5°	4139.1	3755.8	3383.0	3027.5	2716.7	2379.6	2011.4	1658.5	1359.6	1156.6	963.2
20°	4578.6	4137.3	3706.9	3370.9	3016.9	2632.4	2223.0	1886.5	1593.6	1315.5	1073.2
17.5°	5207.6	4617.8	4222.6	3843.9	3384.1	2914.2	2558.8	2206.0	1845.3	1483.4	1188.5
15°	6059.6	5450.4	4997.5	4478.7	3847.2	3361.9	2971.2	2542.7	2115.5	1682.1	1325.7
12.5°	7072.6	6333.4	5799.9	5061.5	4350.7	3825.9	3383.8	2904.3	2379.5	1861.8	1453.4
10°	7710.1	6913.2	6153.6	5444.3	4795.7	4255.2	3700.1	3114.6	2530.9	1997.3	1563.8
7.5°	8048.7	7199.5	6415.4	5706.2	5044.5	4418.7	3827.5	3237.8	2652.6	2103.2	1657.2
5°	8273.8	7411.9	6593.1	5835.0	5158.3	4528.5	3922.7	3321.3	2744.1	2181.2	1733.5
2.5°	8439.8	7550.2	6707.1	5909.7	5221.8	4594.7	3983.1	3370.0	2791.9	2223.1	1760.1
0°	8522.0	7593.9	6748.9	5959.5	5251.2	4609.0	4006.3	3387.7	2802.9	2240.8	1771.2
-2.5°	8505.5	7566.2	6713.3	5958.0	5253.2	4595.7	4009.5	3397.2	2806.0	2254.1	1779.0
-5°	8418.0	7519.1	6672.6	5916.2	5222.1	4564.0	3978.0	3376.5	2784.0	2243.5	1771.6
-7.5°	8240.8	7377.4	6556.3	5820.3	5142.1	4498.5	3914.2	3325.5	2739.4	2207.0	1749.4
-10°	7974.3	7151.1	6370.1	5673.7	5012.8	4391.6	3819.6	3239.3	2665.8	2146.8	1711.1
-12.5°	7644.5	6867.2	6122.6	5474.4	4843.5	4250.2	3691.4	3117.8	2563.5	2063.4	1656.5
-15°	7241.3	6543.7	5870.4	5241.8	4645.2	4070.6	3524.9	2966.6	2433.5	1955.9	1585.6
-17.5°	6832.5	6184.9	5553.1	4956.7	4403.7	3858.0	3328.7	2798.5	2288.4	1840.0	1502.6
-20°	6377.4	5779.3	5195.0	4653.9	4138.3	3620.0	3110.1	2600.1	2122.2	1731.5	1429.1



REPORT NUMBER: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-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°	5883.4	5349.3	4820.3	4332.3	3849.7	3353.1	2864.9	2383.5	1930.2	1609.8	1345.8
-25°	5383.4	4898.2	4424.1	3975.0	3522.6	3053.5	2602.5	2163.0	1788.2	1494.9	1255.9
-27.5°	4881.2	4442.0	4004.5	3589.4	3163.5	2750.2	2338.0	1939.7	1634.4	1385.0	1172.0
-30°	4384.9	3988.1	3587.7	3191.3	2806.0	2428.5	2060.1	1758.3	1493.0	1267.6	1078.2
-32.5°	3873.6	3528.4	3163.6	2792.0	2442.2	2109.0	1829.1	1574.7	1345.4	1159.5	994.7
-35°	3376.4	3058.8	2723.1	2403.9	2094.2	1844.7	1607.6	1399.7	1216.3	1051.7	911.5
-37.5°	2868.7	2582.1	2304.6	2036.9	1815.8	1604.8	1417.3	1247.5	1089.0	958.1	837.4
-40°	2390.3	2140.8	1941.4	1744.5	1569.2	1400.6	1252.6	1106.7	984.3	869.1	765.2
-42.5°	1980.8	1805.7	1645.4	1496.8	1353.1	1228.6	1103.7	990.1	883.3	786.7	700.4
-45°	1649.7	1524.6	1394.2	1285.1	1174.1	1074.9	975.1	881.5	791.8	713.0	636.5
-47.5°	1387.5	1294.4	1196.2	1108.6	1025.5	940.5	862.7	782.0	712.5	642.3	578.5
-50°	1173.5	1104.6	1032.8	961.9	896.7	827.2	762.7	699.3	638.1	579.8	521.7
-52.5°	997.1	947.2	894.1	837.7	785.7	731.6	675.3	624.3	571.5	520.2	469.4
-55°	857.2	817.5	777.2	734.6	691.1	646.8	600.8	555.0	509.6	462.8	424.5
-57.5°	742.4	708.9	676.9	643.1	607.6	570.1	530.9	489.9	452.8	417.5	382.7
-60°	641.7	613.6	588.0	560.7	531.7	499.3	467.3	435.1	402.9	372.2	342.4
-62.5°	550.8	530.8	507.7	484.5	461.7	437.7	409.0	380.6	353.3	327.0	302.4
-65°	462.7	445.6	427.8	411.2	392.8	372.4	348.1	325.9	304.5	282.8	262.5
-67.5°	384.7	371.6	357.3	342.4	327.8	311.4	293.5	275.1	257.9	240.2	225.0
-70°	320.4	310.9	299.7	286.5	273.2	259.8	246.2	231.7	216.1	200.2	187.9
-72.5°	266.9	259.9	251.2	240.2	228.5	216.7	204.6	191.7	178.0	163.2	151.5
-75°	220.4	215.2	208.5	198.8	188.5	177.5	166.8	155.1	141.7	126.6	114.7
-77.5°	177.1	173.8	169.5	161.6	153.5	145.4	136.0	122.3	108.7	95.8	87.0
-80°	132.8	131.3	128.8	122.1	115.3	108.4	100.9	90.5	80.5	71.2	64.0
-82.5°	87.6	86.0	83.9	79.8	75.9	72.1	68.1	61.1	54.2	47.5	41.7
-85°	44.3	43.1	41.7	41.1	40.3	39.3	38.2	34.1	30.3	26.7	23.4
-87.5°	12.8	12.8	12.8	12.9	13.0	13.1	13.1	12.1	11.2	10.2	9.3
-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: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	1.0	1.4	1.3	0.9	0.9	1.8	1.5	1.3	0.9
62.5°	1.8	0.9	2.4	3.3	2.1	1.7	1.3	3.9	2.5	1.8	1.2
60°	4.3	3.5	6.5	10.0	7.2	2.8	4.1	6.7	6.2	2.2	1.7
57.5°	21.8	10.0	14.7	19.1	18.2	10.3	8.3	11.5	10.5	6.1	2.4
55°	45.3	38.5	30.6	30.5	30.8	24.4	17.4	17.9	15.8	11.2	3.6
52.5°	68.8	66.7	59.4	48.4	44.4	40.1	32.8	25.4	23.5	16.8	8.8
50°	98.2	92.8	87.0	75.7	61.4	55.7	48.2	38.7	32.0	23.5	14.6
47.5°	131.6	122.3	113.5	102.7	87.0	72.2	63.7	52.6	41.4	32.3	20.5
45°	183.9	153.6	141.7	129.1	113.0	94.5	80.0	66.2	53.6	41.1	26.4
42.5°	237.6	195.4	170.7	156.4	139.5	118.7	96.8	81.4	65.7	49.9	33.4
40°	291.7	239.4	201.9	184.1	166.9	142.8	118.3	97.2	77.5	59.0	41.0
37.5°	350.1	288.7	238.0	213.0	194.8	168.8	140.1	113.4	89.7	68.9	48.5
35°	422.8	347.1	277.2	246.3	222.0	195.3	161.6	130.9	104.2	78.9	55.9
32.5°	504.5	411.6	333.4	282.6	249.6	222.2	184.6	150.7	119.0	88.8	63.2
30°	585.8	478.0	386.7	318.6	278.9	247.5	209.1	170.7	134.2	98.8	70.6
27.5°	647.9	535.2	436.7	361.9	311.3	272.6	233.5	190.7	149.7	109.7	78.8
25°	711.3	588.2	485.1	404.3	343.1	298.2	257.0	210.7	166.1	122.3	86.7
22.5°	785.3	638.6	525.9	442.5	376.8	324.3	279.4	231.0	182.8	134.8	94.4
20°	857.7	685.0	563.5	487.2	413.7	353.3	301.3	250.4	199.0	147.0	101.9
17.5°	932.0	750.3	625.9	533.4	451.7	382.0	323.0	268.7	214.8	159.0	109.0
15°	1043.9	837.5	688.8	579.0	488.5	410.2	344.3	286.0	230.0	170.5	115.4
12.5°	1149.3	919.6	749.9	623.6	523.8	437.5	364.9	302.2	244.6	180.1	120.7
10°	1242.5	996.0	808.4	666.6	557.3	463.7	384.6	314.9	253.2	187.7	125.5
7.5°	1323.6	1066.1	863.5	707.6	585.9	481.4	394.7	321.5	259.7	194.4	129.6
5°	1385.6	1113.8	893.8	723.9	596.6	489.5	401.9	326.9	264.9	200.1	133.2
2.5°	1406.2	1129.7	905.8	733.2	604.5	495.3	407.4	331.1	268.9	204.8	136.2
0°	1415.6	1137.4	912.0	738.5	609.3	498.9	411.2	333.9	271.6	208.4	138.6
-2.5°	1426.0	1147.9	920.7	746.7	614.4	503.8	415.2	338.3	275.5	212.5	142.6
-5°	1425.3	1149.8	923.5	750.7	616.3	506.4	417.6	341.5	278.3	215.5	146.0
-7.5°	1410.2	1140.9	919.9	749.9	615.2	506.7	418.2	343.3	280.1	217.4	148.6
-10°	1383.3	1122.4	909.5	743.0	611.2	504.5	417.2	343.9	280.8	218.2	150.5
-12.5°	1345.3	1096.1	892.9	731.9	603.9	499.8	414.2	342.3	280.4	217.9	151.5
-15°	1296.6	1062.2	869.8	716.6	593.4	492.7	409.3	339.0	277.9	216.3	151.8
-17.5°	1237.6	1021.0	840.4	697.0	579.6	483.4	402.5	334.3	274.6	213.6	151.5
-20°	1182.9	977.6	806.5	673.2	562.6	471.8	393.9	328.5	270.5	210.1	150.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626992 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	1121.7	932.6	776.5	650.4	544.6	457.9	383.5	321.3	265.6	205.9	149.4
-25°	1051.7	881.6	742.1	625.0	527.1	444.7	372.7	312.9	259.9	201.2	147.4
-27.5°	985.9	828.9	703.7	595.7	506.9	429.4	362.1	305.2	253.4	195.9	144.8
-30°	918.7	783.1	666.8	565.0	484.5	412.4	350.2	296.9	246.0	191.3	141.6
-32.5°	850.4	733.1	627.3	538.5	462.9	394.1	337.2	288.0	238.3	186.8	138.9
-35°	791.8	684.0	584.9	509.9	440.8	378.5	324.2	278.6	230.4	181.6	136.0
-37.5°	729.4	634.1	551.8	481.5	417.1	361.5	311.7	267.5	222.2	175.8	132.5
-40°	673.5	587.6	516.2	454.1	395.7	343.2	297.8	255.6	214.6	169.5	128.4
-42.5°	616.6	545.3	481.6	424.6	374.3	326.3	282.7	242.9	204.7	163.6	123.8
-45°	566.7	502.0	445.7	397.7	351.8	308.0	267.9	229.8	194.1	157.5	118.9
-47.5°	515.1	460.3	412.2	369.7	329.8	288.9	252.3	217.6	183.2	150.8	113.9
-50°	467.1	420.7	380.8	342.7	305.4	271.0	236.7	205.1	173.2	141.9	108.2
-52.5°	424.4	385.7	350.2	315.5	283.5	252.4	222.7	192.3	162.8	133.1	102.0
-55°	386.6	352.2	320.2	290.2	261.5	235.8	208.4	180.4	152.0	124.0	95.4
-57.5°	350.5	319.5	292.2	265.5	241.1	218.7	194.5	168.0	141.0	114.4	89.5
-60°	314.1	289.1	264.9	242.5	221.3	201.1	180.5	155.2	129.7	104.6	82.3
-62.5°	279.3	258.3	239.7	220.0	200.6	182.8	166.1	141.9	117.8	94.9	74.4
-65°	245.1	229.0	214.0	195.5	178.6	163.7	149.9	128.1	105.4	84.6	66.2
-67.5°	211.2	198.0	184.5	169.5	157.0	144.9	132.5	112.9	92.3	73.7	57.8
-70°	177.0	165.8	156.2	146.6	136.3	125.6	113.3	96.6	78.6	63.4	49.1
-72.5°	143.5	136.6	130.9	124.2	115.4	105.2	93.8	80.1	66.1	52.8	40.2
-75°	110.5	109.1	107.4	103.0	94.6	85.1	75.9	65.4	53.3	41.9	32.8
-77.5°	87.0	86.4	85.3	82.2	74.9	67.2	59.1	50.3	41.1	33.2	25.8
-80°	64.4	64.4	63.8	62.0	55.7	49.1	43.5	37.9	31.2	24.7	18.6
-82.5°	42.4	43.0	43.3	42.7	38.5	34.3	30.3	26.2	21.1	16.1	12.5
-85°	24.2	24.6	24.8	24.5	21.9	19.3	17.6	15.9	13.1	10.6	8.4
-87.5°	10.0	10.6	11.1	11.4	10.5	9.7	8.8	8.0	6.6	5.3	4.2
-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-SA2D-740-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	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.3	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.5	0.9	0.9	0.9	0.4	0.0
57.5°	2.5	1.8	1.2	0.9	0.9	0.5	0.0
55°	3.9	2.1	1.5	0.9	0.9	0.5	0.0
52.5°	5.4	2.6	1.8	0.9	0.9	0.5	0.0
50°	7.2	4.2	2.1	0.9	1.0	0.6	0.0
47.5°	9.6	6.0	2.4	1.0	1.0	0.6	0.0
45°	14.7	7.8	2.8	1.2	1.0	0.6	0.0
42.5°	19.8	9.8	3.1	1.5	1.1	0.7	0.0
40°	24.8	11.9	4.1	1.8	1.1	0.7	0.0
37.5°	29.9	14.1	5.8	2.3	1.1	0.7	0.0
35°	34.8	17.5	7.4	2.7	1.2	0.7	0.0
32.5°	40.1	21.4	9.0	3.2	1.2	0.8	0.0
30°	46.0	25.2	10.7	3.7	1.3	0.8	0.0
27.5°	51.7	28.9	12.6	4.2	1.3	0.8	0.0
25°	57.2	32.5	14.5	4.8	1.4	0.8	0.0
22.5°	62.5	36.0	16.3	5.4	1.4	0.8	0.0
20°	67.5	39.4	18.1	6.0	1.5	0.8	0.0
17.5°	72.2	42.6	19.9	6.6	1.5	0.9	0.0
15°	76.5	45.6	21.5	7.2	1.6	0.9	0.0
12.5°	80.4	48.3	23.1	7.8	1.6	0.9	0.0
10°	84.0	50.9	24.5	8.3	1.7	0.9	0.0
7.5°	87.2	53.2	25.9	8.9	1.8	0.9	0.0
5°	89.9	55.2	27.1	9.4	1.8	0.9	0.0
2.5°	92.3	57.0	28.2	9.9	1.9	0.9	0.0
0°	94.3	58.5	29.2	10.4	1.9	0.9	0.0
-2.5°	96.9	60.3	30.5	11.1	2.2	1.0	0.0
-5°	99.0	61.9	31.7	11.7	2.5	1.0	0.0
-7.5°	100.7	63.1	32.7	12.2	2.7	1.1	0.0
-10°	101.9	64.1	33.6	12.7	3.0	1.1	0.0
-12.5°	102.6	64.7	34.2	13.1	3.2	1.2	0.0
-15°	102.8	65.0	34.6	13.4	3.5	1.2	0.0
-17.5°	102.5	64.9	34.8	13.6	3.7	1.3	0.0
-20°	102.3	64.6	34.8	13.8	3.9	1.3	0.0

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CATALOG NUMBER: GFLD-SA2D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.3	63.9	34.5	13.9	4.1	1.3	0.0
-25°	101.8	63.6	33.9	13.9	4.2	1.4	0.0
-27.5°	100.9	63.4	33.2	13.8	4.3	1.4	0.0
-30°	99.4	62.7	32.2	13.6	4.4	1.4	0.0
-32.5°	97.4	61.6	31.8	13.3	4.5	1.4	0.0
-35°	95.5	60.1	31.1	12.9	4.6	1.4	0.0
-37.5°	93.3	58.5	30.2	12.4	4.6	1.4	0.0
-40°	90.6	57.1	29.0	11.9	4.6	1.4	0.0
-42.5°	87.4	55.3	28.1	11.3	4.5	1.4	0.0
-45°	83.7	53.1	27.6	10.9	4.4	1.4	0.0
-47.5°	79.5	50.6	26.7	10.3	4.3	1.3	0.0
-50°	75.7	47.8	25.6	10.1	4.2	1.3	0.0
-52.5°	71.8	44.5	24.2	10.0	4.1	1.2	0.0
-55°	67.3	41.9	22.5	9.7	3.9	1.2	0.0
-57.5°	62.5	39.1	20.6	9.3	3.7	1.1	0.0
-60°	57.3	35.8	18.5	8.8	3.4	1.1	0.0
-62.5°	52.3	32.2	17.2	8.2	3.2	1.0	0.0
-65°	46.8	28.3	15.7	7.5	3.0	0.9	0.0
-67.5°	40.8	24.8	14.1	6.7	2.7	0.9	0.0
-70°	34.4	21.7	12.2	5.7	2.5	0.8	0.0
-72.5°	29.2	18.4	10.3	5.1	2.2	0.7	0.0
-75°	24.0	15.0	8.2	4.4	1.9	0.6	0.0
-77.5°	18.5	11.3	6.8	3.7	1.6	0.5	0.0
-80°	12.8	8.6	5.5	3.0	1.3	0.4	0.0
-82.5°	9.4	6.5	4.1	2.3	1.0	0.3	0.0
-85°	6.3	4.4	2.8	1.5	0.7	0.2	0.0
-87.5°	3.2	2.2	1.4	0.8	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)