

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: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA2E-740-U-VWR-VSR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (32) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11908.8 lumens	Max Intensity:	8923.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	94.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	6890 lumens	Field Lumens:	11300.7 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (A _{in}):	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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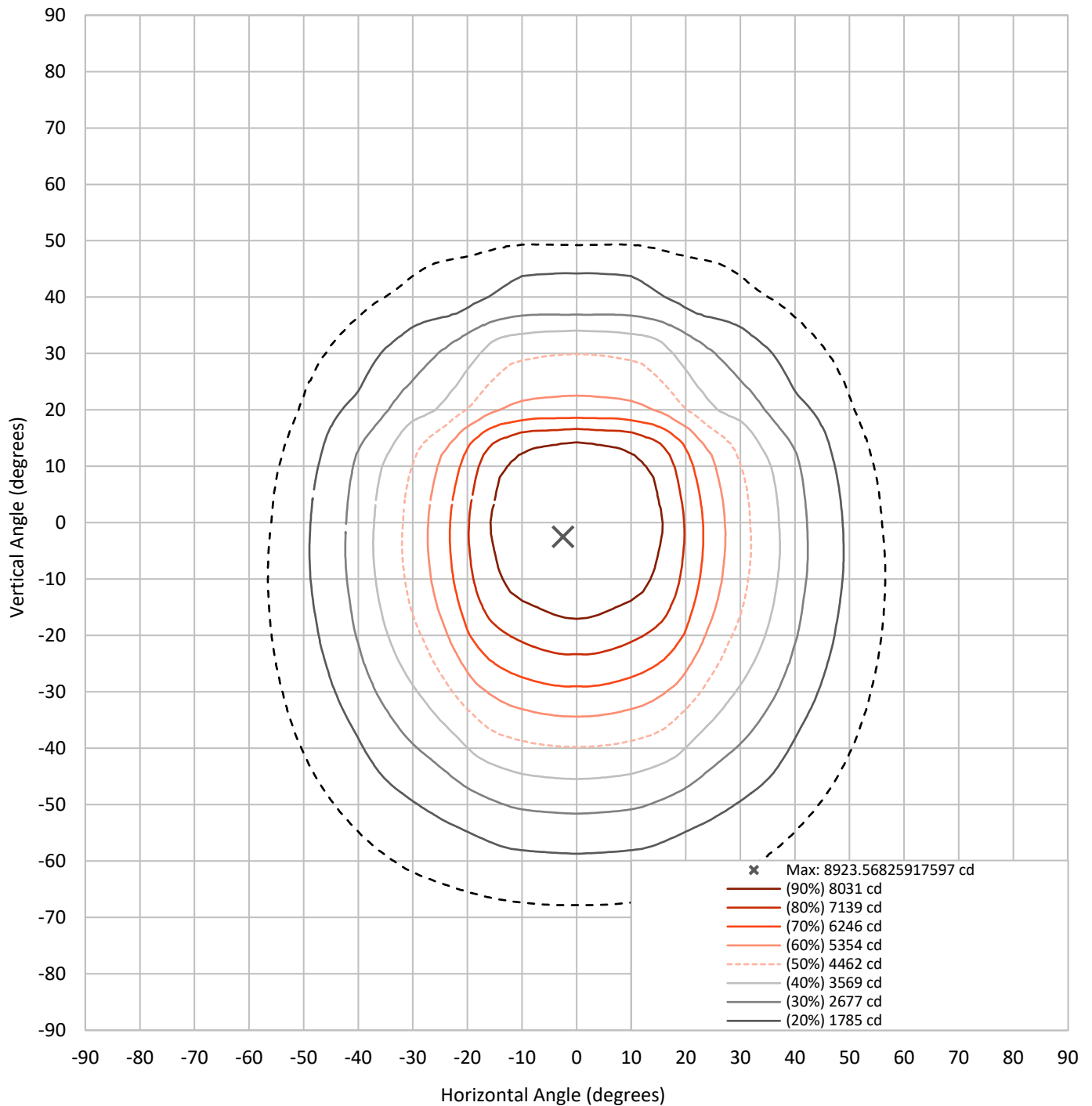
Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

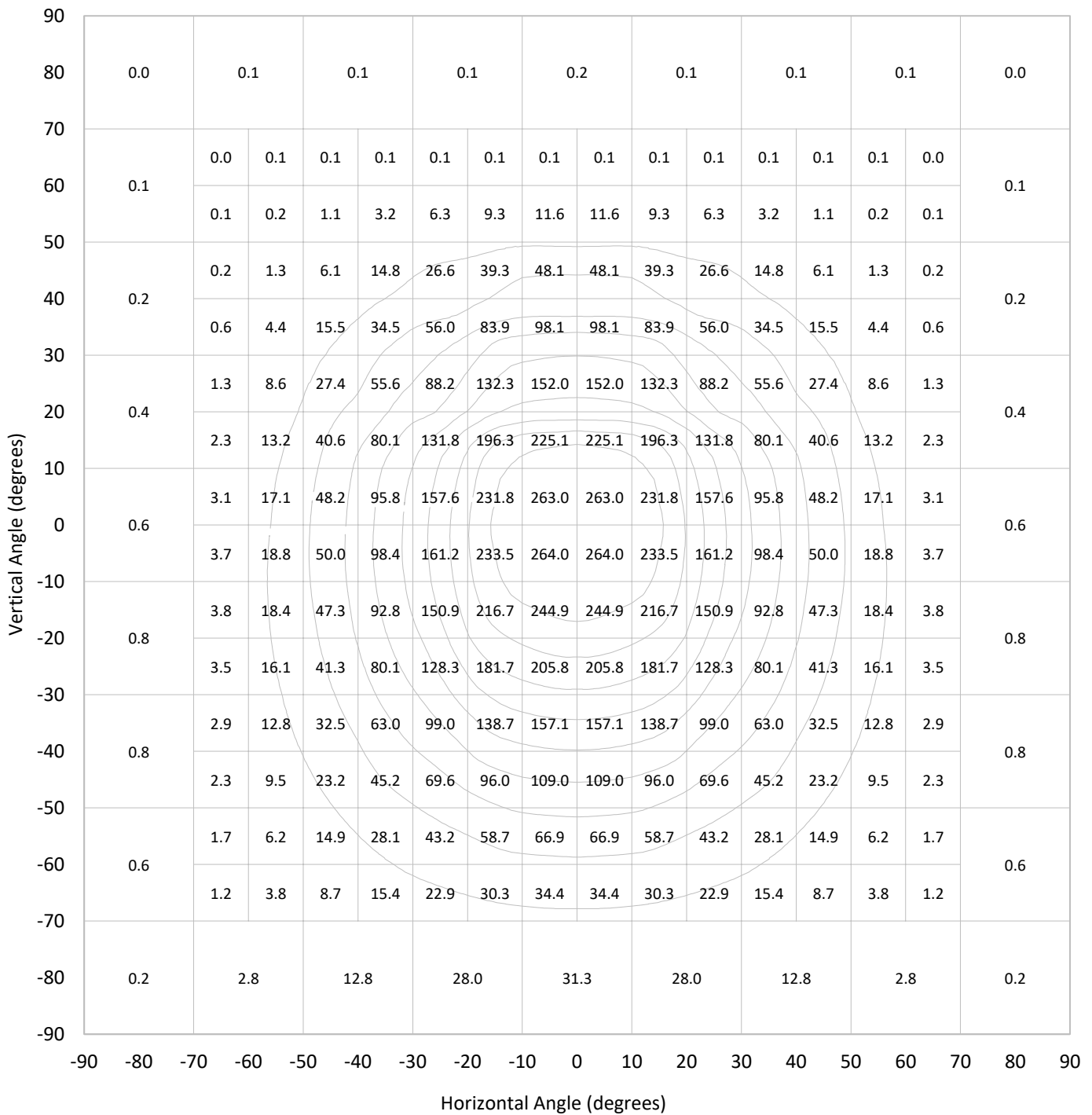
Iso-Candela Plot





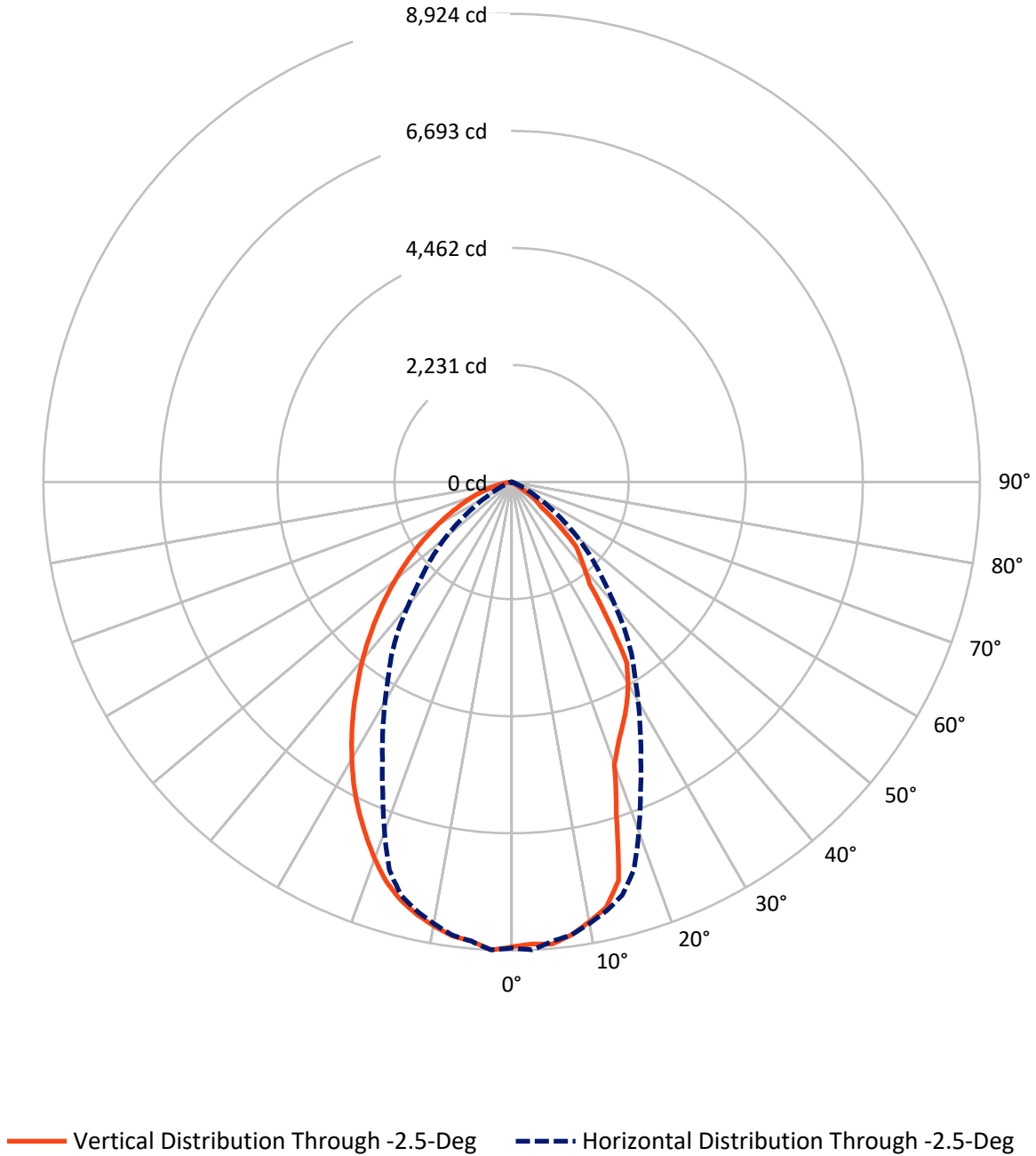
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Lumen Table



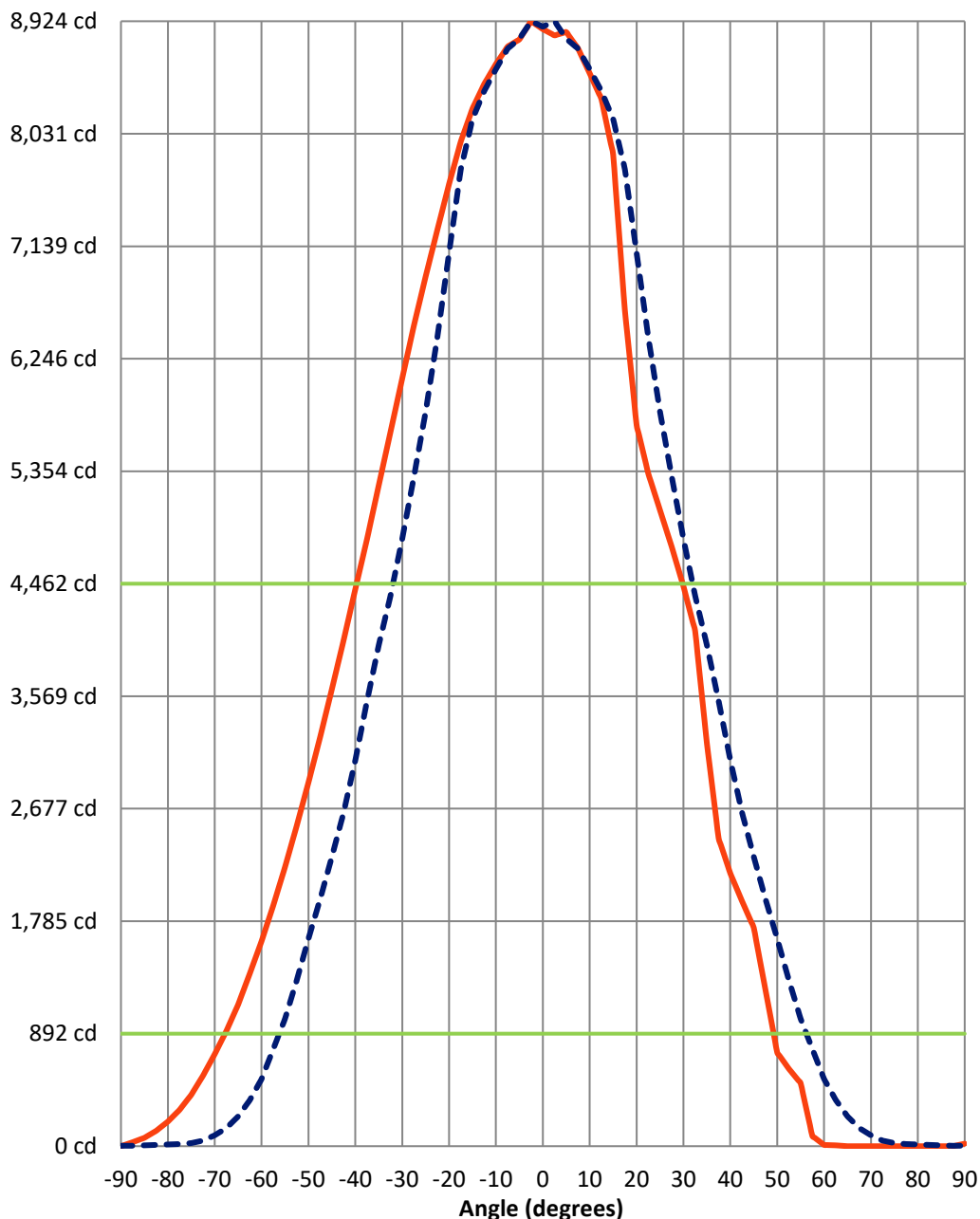
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6890
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 11300.7
 Efficiency: 94.9%

Spill:
 Lumens: 608.1
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	3.3	3.3	3.3	4.1	5.0	5.9	6.7	7.5	8.4	9.2	10.0
87.5°	3.3	3.3	3.3	3.2	3.0	2.8	2.4	1.7	1.1	0.5	0.0
85°	3.3	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5	0.2	0.0
82.5°	3.3	3.3	3.3	3.0	2.5	1.7	0.8	0.3	0.1	0.5	0.9
80°	3.3	3.3	3.3	2.9	2.2	1.2	0.2	0.7	1.2	1.7	2.3
77.5°	3.3	3.3	3.3	2.8	1.9	1.1	1.0	1.6	2.3	3.0	3.0
75°	3.3	3.3	3.3	2.7	1.8	1.6	1.8	2.6	3.3	2.7	1.7
72.5°	3.3	3.3	3.3	2.7	2.1	2.1	2.6	3.3	2.8	1.9	0.6
70°	3.3	3.3	3.3	2.6	2.4	2.6	3.3	3.1	2.4	1.3	1.5
67.5°	3.3	3.3	3.3	2.8	2.6	3.1	3.4	3.0	2.1	2.6	3.0
65°	3.3	3.3	3.3	2.9	2.9	3.4	3.5	3.0	3.3	3.9	4.1
62.5°	3.3	3.3	3.3	3.0	3.1	3.7	3.7	3.7	4.5	5.1	4.6
60°	3.3	3.3	3.3	3.1	3.3	4.0	3.9	4.8	5.6	5.8	5.2
57.5°	3.3	3.3	3.3	3.1	3.6	4.3	4.7	5.8	6.6	6.7	6.5
55°	3.3	3.3	3.4	3.2	4.0	4.7	5.6	6.8	7.6	7.7	8.1
52.5°	3.3	3.3	3.5	3.2	4.3	5.1	6.4	7.7	8.7	9.2	9.7
50°	3.3	3.3	3.5	3.3	4.7	5.8	7.3	8.7	9.9	10.6	11.2
47.5°	3.3	3.3	3.6	3.4	5.1	6.5	8.1	9.6	11.1	12.0	12.8
45°	3.3	3.3	3.7	3.7	5.5	7.1	8.8	10.5	12.3	13.4	14.4
42.5°	3.3	3.3	3.8	4.0	5.9	7.7	9.6	11.5	13.5	14.8	17.4
40°	3.3	3.3	3.9	4.4	6.4	8.4	10.3	12.6	14.8	16.2	20.8
37.5°	3.3	3.3	4.1	4.9	6.9	9.0	11.0	13.8	16.2	18.4	24.2
35°	3.3	3.3	4.2	5.3	7.3	9.5	11.7	15.0	17.7	22.5	30.8
32.5°	3.3	3.3	4.4	5.7	7.8	10.1	12.5	16.3	19.2	27.5	43.9
30°	3.3	3.3	4.5	6.2	8.2	10.6	13.5	17.6	20.8	33.1	56.7
27.5°	3.3	3.3	4.7	6.6	8.7	11.1	14.5	18.8	23.6	39.3	69.1
25°	3.3	3.3	4.9	6.9	9.2	11.6	15.5	20.1	28.4	48.4	81.3
22.5°	3.3	3.3	5.1	7.3	9.7	12.1	16.4	21.5	33.5	58.5	97.3
20°	3.3	3.3	5.3	7.7	10.2	12.7	17.4	22.7	38.7	68.0	113.2
17.5°	3.3	3.3	5.5	8.0	10.7	13.3	18.4	24.0	44.1	76.9	128.9
15°	3.3	3.3	5.6	8.4	11.1	13.9	19.3	25.7	49.5	85.3	144.1
12.5°	3.3	3.3	5.8	8.7	11.5	14.4	20.1	28.0	55.5	93.1	158.7
10°	3.3	3.3	6.0	9.0	11.9	14.9	20.9	30.5	61.9	102.2	173.3
7.5°	3.3	3.3	6.2	9.3	12.3	15.4	21.6	32.9	67.9	111.0	188.7
5°	3.3	3.3	6.4	9.5	12.7	15.9	22.3	35.4	73.6	119.1	202.8
2.5°	3.3	3.3	6.5	9.8	13.0	16.3	22.8	37.8	78.7	126.6	215.5
0°	3.3	3.3	6.7	10.0	13.3	16.7	23.3	40.0	83.3	133.2	226.5
-2.5°	3.3	3.3	6.7	10.0	13.3	16.7	23.3	40.0	83.3	133.2	226.5
-5°	3.3	3.3	6.7	10.0	13.8	17.4	25.8	47.8	89.3	152.9	244.6
-7.5°	3.3	3.3	6.6	9.9	14.1	17.6	26.8	51.0	91.3	160.5	250.9
-10°	3.3	3.3	6.6	9.8	14.2	17.9	27.7	53.7	92.9	165.9	255.6
-12.5°	3.3	3.3	6.5	9.8	14.3	18.1	28.3	55.7	93.9	168.8	259.2
-15°	3.3	3.3	6.5	9.7	14.4	18.3	28.7	56.9	95.9	168.5	260.6
-17.5°	3.3	3.3	6.4	9.5	14.4	18.4	28.9	58.1	98.7	166.8	258.9
-20°	3.3	3.3	6.3	9.4	14.3	18.5	29.6	59.3	100.6	163.7	254.2

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CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.3	3.3	6.2	9.2	14.1	18.6	31.5	59.8	101.4	159.4	246.1
-25°	3.3	3.3	6.1	9.1	13.9	19.9	33.1	59.7	101.1	153.7	234.6
-27.5°	3.3	3.3	5.9	8.9	13.5	21.4	34.3	58.8	99.7	148.9	226.1
-30°	3.3	3.3	5.8	8.7	13.2	22.7	35.1	57.1	97.8	146.7	216.7
-32.5°	3.3	3.3	5.6	8.4	13.7	23.8	35.6	57.2	95.4	143.0	206.0
-35°	3.3	3.3	5.5	8.2	14.0	24.7	36.6	57.5	92.1	137.9	194.1
-37.5°	3.3	3.3	5.3	7.9	14.2	25.3	37.5	57.3	87.9	131.2	188.8
-40°	3.3	3.3	5.1	7.7	14.3	25.5	38.1	56.6	82.7	124.8	182.9
-42.5°	3.3	3.3	4.9	7.5	14.4	25.5	38.3	55.2	79.7	119.6	173.8
-45°	3.3	3.3	4.7	7.6	14.5	25.3	38.2	54.1	77.6	113.2	162.4
-47.5°	3.3	3.3	4.5	7.5	14.4	24.9	37.6	53.3	74.8	105.6	153.4
-50°	3.3	3.3	4.3	7.4	14.2	24.3	36.8	52.0	72.6	102.9	142.7
-52.5°	3.3	3.3	4.0	7.3	13.7	23.5	35.8	50.2	70.7	99.2	131.3
-55°	3.3	3.3	3.8	7.1	13.2	22.6	34.5	47.9	68.4	94.7	125.8
-57.5°	3.3	3.3	3.6	6.8	12.4	21.3	32.9	45.9	65.2	90.0	119.3
-60°	3.3	3.3	3.3	6.5	11.6	19.9	31.1	43.6	61.1	84.4	111.8
-62.5°	3.3	3.3	3.3	6.1	10.9	18.2	28.6	40.6	56.0	77.7	103.1
-65°	3.3	3.3	3.3	5.7	10.2	16.3	25.8	36.8	49.9	69.0	93.2
-67.5°	3.3	3.3	3.3	5.3	9.4	14.7	22.7	32.3	42.8	58.7	80.1
-70°	3.3	3.3	3.3	4.8	8.5	13.3	19.3	27.5	36.7	47.4	64.7
-72.5°	3.3	3.3	3.3	4.7	7.6	11.9	17.1	22.5	30.2	39.3	49.5
-75°	3.3	3.3	3.3	4.6	6.6	10.3	14.9	19.0	23.5	30.9	39.4
-77.5°	3.3	3.3	3.3	4.6	6.3	8.7	12.6	16.0	19.5	23.4	28.9
-80°	3.3	3.3	3.3	4.5	6.1	7.9	10.2	12.9	15.7	18.9	22.2
-82.5°	3.3	3.3	3.3	4.4	5.8	7.4	9.2	10.4	11.9	14.2	16.7
-85°	3.3	3.3	3.3	4.4	5.6	6.9	8.4	9.5	10.6	11.7	12.8
-87.5°	3.3	3.3	3.3	4.3	5.3	6.4	7.5	8.5	9.5	10.4	11.4
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.5	1.6	0.8	0.0



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.8	11.7	12.5
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	1.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.9	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.9	2.0	1.4	0.5	0.0	0.2	0.5	0.4	0.0	0.2	0.4
67.5°	3.1	2.3	1.5	0.9	1.2	1.7	1.6	1.7	1.8	2.0	1.7
65°	3.2	2.4	2.5	2.9	3.2	3.6	3.9	4.1	3.4	3.0	3.0
62.5°	3.4	3.7	4.3	4.9	5.4	5.8	5.8	5.2	3.9	4.9	5.6
60°	4.9	5.5	6.2	6.8	7.5	7.8	7.5	7.5	8.4	9.8	18.7
57.5°	6.7	7.1	8.0	9.0	9.9	10.1	10.4	11.3	26.4	43.1	47.6
55°	8.4	8.8	10.2	11.9	12.8	12.7	18.3	38.5	58.1	80.5	88.8
52.5°	10.2	10.9	13.3	15.2	16.5	25.7	46.3	73.8	102.7	128.4	161.7
50°	11.9	14.3	16.8	19.6	31.3	55.3	85.5	123.0	166.6	207.7	249.8
47.5°	14.8	17.9	21.6	31.0	61.8	95.1	136.8	197.1	251.0	300.7	358.4
45°	18.3	24.6	28.8	61.4	97.2	140.2	210.7	284.5	333.3	399.9	502.0
42.5°	21.9	34.1	55.0	92.7	136.4	205.6	293.1	356.0	421.0	528.8	636.2
40°	31.6	45.7	83.0	127.9	183.1	284.2	373.9	445.1	533.8	653.5	765.6
37.5°	43.2	69.7	111.6	165.4	256.5	367.3	463.4	565.1	667.1	779.9	987.8
35°	56.2	92.1	147.8	220.3	329.9	459.4	574.0	687.6	805.2	1027.3	1233.6
32.5°	73.2	112.6	185.6	284.2	409.3	551.4	684.5	815.8	1004.4	1255.7	1462.7
30°	91.4	145.7	229.1	343.3	484.0	635.7	795.6	954.7	1204.3	1412.2	1637.0
27.5°	110.5	180.6	280.2	405.0	554.0	715.2	895.8	1122.7	1345.3	1550.7	1797.8
25°	130.0	216.9	326.8	464.1	622.9	801.2	1008.9	1285.2	1459.3	1686.4	1944.1
22.5°	155.2	251.7	373.0	517.7	686.6	889.5	1154.4	1431.9	1636.8	1827.7	2079.5
20°	184.3	290.8	423.3	584.7	749.2	975.8	1299.0	1590.9	1831.9	2050.6	2281.9
17.5°	211.5	327.4	477.1	653.2	840.1	1086.4	1441.0	1764.0	2029.2	2273.0	2561.7
15°	236.6	361.3	529.8	718.0	929.5	1213.0	1568.3	1923.0	2225.9	2500.2	2828.2
12.5°	259.6	392.2	580.5	778.7	1013.7	1322.2	1675.2	2021.4	2354.4	2711.7	3084.0
10°	280.3	420.0	628.4	834.7	1091.8	1414.6	1763.6	2103.5	2439.4	2817.5	3231.1
7.5°	302.5	446.0	671.9	885.6	1162.8	1490.9	1834.2	2169.4	2508.1	2902.2	3326.8
5°	323.0	469.9	706.5	922.1	1217.7	1550.4	1887.3	2219.4	2560.2	2965.3	3399.3
2.5°	341.1	490.0	734.7	950.7	1258.4	1594.2	1921.7	2261.1	2598.9	3016.5	3454.6
0°	356.4	506.3	756.2	972.7	1289.1	1625.6	1942.0	2288.5	2621.6	3051.3	3491.0
-2.5°	366.2	533.1	770.9	1011.0	1316.0	1646.1	1960.2	2296.1	2645.9	3062.3	3531.9
-5°	373.1	554.7	779.8	1040.5	1333.6	1655.2	1966.2	2290.2	2652.4	3059.5	3537.9
-7.5°	377.1	570.0	784.0	1057.3	1339.8	1649.7	1956.0	2278.9	2641.8	3049.0	3511.4
-10°	379.4	574.8	789.6	1052.2	1331.6	1631.9	1933.5	2252.5	2611.6	3015.0	3461.1
-12.5°	385.7	571.8	788.7	1041.1	1314.1	1604.9	1900.1	2210.5	2561.2	2956.9	3391.6
-15°	387.3	564.9	779.2	1024.6	1287.3	1569.6	1856.4	2153.1	2499.2	2900.2	3314.8
-17.5°	383.8	554.5	760.7	1003.5	1251.5	1526.8	1804.9	2101.4	2440.9	2834.9	3234.1
-20°	374.9	541.1	732.9	978.7	1208.9	1479.3	1753.3	2047.1	2373.9	2744.3	3143.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	360.3	524.9	702.7	944.0	1172.2	1424.7	1692.8	1973.1	2290.0	2626.8	3022.5
-25°	345.2	506.5	679.0	896.4	1128.0	1361.0	1623.3	1882.7	2191.5	2522.2	2873.3
-27.5°	330.9	480.9	654.2	844.2	1075.9	1292.9	1544.7	1797.8	2080.6	2404.8	2728.0
-30°	312.2	453.2	624.1	794.0	1013.7	1228.8	1457.1	1706.1	1960.5	2268.2	2586.2
-32.5°	295.7	424.5	589.7	755.7	946.8	1156.6	1362.7	1600.0	1848.3	2110.5	2424.8
-35°	284.6	407.5	553.3	711.6	878.6	1078.1	1274.1	1480.3	1720.7	1966.9	2242.8
-37.5°	275.7	387.9	515.0	665.5	824.5	995.8	1179.2	1369.0	1578.7	1826.9	2086.3
-40°	261.6	365.9	486.7	621.6	761.8	917.6	1088.0	1259.7	1441.6	1684.0	1939.9
-42.5°	243.5	344.6	459.9	573.9	702.0	844.2	995.6	1157.3	1332.1	1542.7	1777.9
-45°	229.7	317.4	430.2	532.3	638.3	768.3	910.5	1057.0	1221.9	1402.7	1614.0
-47.5°	212.1	287.8	391.3	486.7	580.1	691.1	821.1	959.8	1105.8	1268.7	1442.0
-50°	193.2	263.0	343.7	436.6	525.7	618.0	728.9	857.1	989.6	1131.6	1286.2
-52.5°	178.9	234.1	307.8	385.1	470.0	553.8	648.2	758.1	876.4	995.0	1131.0
-55°	162.8	212.9	273.5	342.9	415.2	492.7	578.6	675.0	771.4	880.4	988.8
-57.5°	151.4	192.4	245.0	305.2	370.2	436.1	517.2	598.6	687.9	778.1	868.1
-60°	142.5	174.8	218.4	271.4	329.3	390.9	457.5	532.7	609.5	683.2	760.9
-62.5°	132.3	160.4	194.5	237.8	290.0	343.6	402.2	466.7	536.3	598.3	658.5
-65°	119.2	143.6	172.8	208.0	249.1	294.4	344.3	398.6	458.8	509.1	558.3
-67.5°	104.0	124.6	149.1	177.9	212.1	247.5	284.1	330.1	378.9	419.9	460.1
-70°	85.0	104.0	124.1	147.5	174.4	204.3	236.6	269.9	303.3	336.9	373.6
-72.5°	65.1	82.4	99.4	116.1	137.5	162.0	188.3	216.3	245.4	274.1	302.0
-75°	49.6	60.8	75.7	90.8	105.6	121.6	139.4	161.7	188.8	216.6	242.1
-77.5°	37.4	46.9	56.8	67.2	76.6	88.3	101.2	115.0	137.4	163.0	189.0
-80°	27.0	32.7	40.6	48.9	55.5	62.0	68.8	75.8	92.4	113.1	135.1
-82.5°	20.0	23.9	28.3	33.2	36.5	39.7	43.3	47.9	60.3	74.2	89.0
-85°	13.8	15.0	17.3	20.1	21.9	23.8	25.7	27.7	34.3	41.8	49.7
-87.5°	11.9	12.5	13.1	13.8	14.1	14.3	14.5	14.7	17.0	19.3	21.7
-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: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.3	14.2	15.0	15.9	16.7	17.5	18.4	19.2	20.0	20.0	20.0
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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.7	1.7	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.5	3.3	2.5	1.6	0.8	1.3	2.0	2.4	2.4	2.2	1.7
62.5°	5.3	4.8	4.4	5.1	6.1	7.0	6.7	6.4	5.9	5.7	5.9
60°	19.7	13.2	15.2	19.1	17.8	12.2	20.1	22.7	19.4	13.3	12.8
57.5°	49.9	48.2	55.2	80.7	88.8	80.9	96.7	117.4	116.7	100.5	100.0
55°	106.4	142.7	186.6	193.7	224.3	285.5	333.1	312.2	312.1	327.8	378.4
52.5°	202.1	236.4	249.2	283.2	347.1	393.4	423.2	454.0	487.7	522.2	557.1
50°	296.6	329.9	367.7	402.6	490.9	538.4	530.5	594.4	676.0	727.0	753.2
47.5°	435.0	487.4	567.4	692.6	758.5	806.2	865.5	937.8	1031.3	1158.3	1256.0
45°	597.9	680.5	804.1	937.2	1039.5	1086.1	1153.9	1265.9	1415.1	1560.4	1666.4
42.5°	731.1	844.4	983.9	1111.0	1194.5	1271.0	1358.8	1453.2	1624.1	1779.3	1901.9
40°	905.0	993.2	1149.7	1269.5	1344.2	1420.1	1559.3	1700.6	1861.3	2005.9	2106.4
37.5°	1125.4	1224.6	1387.4	1522.9	1594.8	1621.7	1858.4	2055.1	2185.7	2370.2	2430.6
35°	1362.0	1525.5	1732.9	1908.6	1979.1	2119.9	2363.8	2638.2	2935.5	3044.9	3138.2
32.5°	1626.2	1827.8	2109.2	2297.7	2398.4	2612.1	2920.6	3213.6	3602.4	3813.4	3876.5
30°	1867.8	2099.1	2341.0	2524.3	2696.4	2953.7	3235.1	3596.3	3955.8	4225.6	4309.4
27.5°	2045.1	2301.0	2533.6	2705.2	2899.4	3176.8	3527.7	3893.5	4246.4	4521.7	4619.5
25°	2214.3	2503.6	2687.8	2887.3	3115.3	3417.7	3806.5	4212.9	4560.5	4793.2	4913.2
22.5°	2406.8	2692.1	2889.8	3058.8	3356.9	3705.3	4066.2	4525.5	4893.7	5079.4	5209.4
20°	2605.5	2928.3	3233.6	3390.8	3648.8	4089.9	4494.0	4927.5	5283.1	5476.6	5613.6
17.5°	2882.7	3294.0	3668.6	3891.2	4167.4	4694.8	5199.0	5637.6	6132.3	6307.1	6474.5
15°	3175.0	3651.1	4089.8	4442.5	4799.3	5321.9	5970.9	6500.2	7064.7	7316.8	7601.8
12.5°	3466.4	3916.9	4314.4	4769.4	5272.3	5734.5	6352.4	7011.5	7523.8	7845.3	8037.1
10°	3684.2	4102.6	4485.1	4941.2	5443.1	5966.0	6580.0	7255.7	7791.9	8066.2	8222.8
7.5°	3801.8	4202.3	4605.7	5067.9	5567.6	6124.5	6757.1	7427.4	7975.7	8241.5	8396.1
5°	3889.2	4273.7	4691.5	5178.0	5683.3	6247.9	6879.7	7542.0	8041.9	8324.4	8520.0
2.5°	3942.0	4319.0	4746.1	5249.2	5755.7	6343.8	7006.1	7692.5	8130.0	8357.3	8537.1
0°	3957.3	4337.1	4776.8	5286.5	5806.1	6399.0	7055.3	7734.8	8177.9	8397.7	8580.9
-2.5°	3974.6	4365.6	4817.3	5310.6	5825.9	6417.1	7087.0	7749.1	8147.7	8369.5	8543.8
-5°	3962.6	4367.8	4818.2	5290.6	5809.3	6395.8	7038.9	7658.0	8074.9	8314.7	8488.0
-7.5°	3926.7	4337.7	4783.4	5237.5	5746.2	6339.4	6979.8	7576.0	7998.3	8251.2	8440.9
-10°	3874.5	4273.5	4722.4	5182.2	5684.8	6249.5	6880.0	7472.6	7876.8	8145.4	8366.4
-12.5°	3816.7	4207.4	4640.0	5081.1	5578.2	6135.9	6746.8	7307.8	7709.6	8002.6	8160.5
-15°	3731.0	4121.5	4535.1	4961.7	5446.3	5987.3	6570.9	7109.1	7503.7	7742.0	7916.5
-17.5°	3622.0	4005.2	4397.3	4801.9	5258.4	5791.3	6378.4	6909.1	7230.8	7443.7	7615.2
-20°	3505.3	3859.6	4231.1	4612.9	5055.4	5583.2	6159.8	6622.8	6926.0	7130.5	7292.4



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3371.9	3713.2	4053.2	4418.2	4852.0	5336.0	5845.3	6292.7	6618.6	6805.0	6954.6
-25°	3219.7	3551.6	3874.6	4227.1	4625.8	5060.8	5534.4	5974.1	6266.0	6463.9	6612.3
-27.5°	3055.8	3367.6	3683.0	3999.7	4358.1	4791.5	5230.1	5638.5	5887.7	6087.2	6236.5
-30°	2892.2	3172.7	3464.5	3764.2	4100.7	4491.4	4901.6	5245.1	5507.9	5701.7	5840.3
-32.5°	2714.9	2981.0	3239.6	3519.7	3836.5	4180.9	4540.8	4867.6	5148.4	5325.9	5442.7
-35°	2533.2	2790.9	3027.6	3281.8	3561.2	3858.4	4190.7	4512.9	4790.2	4930.7	5044.6
-37.5°	2344.0	2601.0	2825.3	3037.8	3278.5	3553.7	3877.4	4184.8	4424.4	4545.1	4647.7
-40°	2179.5	2405.7	2607.7	2811.0	3006.7	3251.1	3553.1	3850.8	4043.0	4160.6	4256.0
-42.5°	2019.9	2210.6	2376.0	2558.2	2754.1	2995.1	3238.8	3488.4	3642.9	3773.4	3873.8
-45°	1833.9	2004.4	2159.5	2311.0	2489.6	2709.6	2931.0	3131.0	3275.7	3401.9	3499.7
-47.5°	1628.2	1792.8	1943.4	2078.9	2244.9	2428.4	2614.8	2781.2	2924.1	3048.8	3136.1
-50°	1436.5	1583.6	1730.6	1867.8	2011.6	2160.0	2311.3	2457.3	2592.9	2714.1	2788.4
-52.5°	1264.8	1400.5	1529.0	1648.9	1774.8	1900.2	2025.4	2159.1	2283.9	2398.6	2457.9
-55°	1109.4	1231.8	1347.7	1448.7	1549.7	1649.2	1756.5	1880.0	1994.9	2101.1	2143.7
-57.5°	969.9	1074.6	1177.3	1262.7	1345.1	1424.2	1518.5	1622.7	1723.3	1814.3	1849.1
-60°	841.6	924.7	1010.5	1086.3	1158.2	1226.0	1308.2	1392.1	1473.7	1542.3	1572.0
-62.5°	723.6	794.6	859.6	921.2	982.1	1043.2	1109.5	1176.1	1242.0	1294.9	1321.7
-65°	609.8	666.4	718.6	769.2	818.4	869.7	921.6	972.2	1021.0	1058.8	1082.0
-67.5°	503.0	546.0	587.5	626.9	668.0	709.6	750.2	789.0	825.6	854.8	877.0
-70°	408.3	441.6	474.1	506.7	541.0	573.3	603.9	632.9	660.2	681.3	698.4
-72.5°	329.1	356.2	384.2	413.6	441.3	465.5	487.5	508.7	528.9	540.8	549.7
-75°	265.3	288.1	312.5	336.3	359.4	377.8	394.0	409.6	424.6	425.4	422.4
-77.5°	214.4	234.7	253.5	272.2	290.7	302.0	311.9	322.1	332.4	326.5	317.1
-80°	157.3	174.3	190.3	206.4	222.5	229.2	233.9	237.9	241.4	233.6	223.9
-82.5°	104.4	115.1	125.5	136.1	146.8	151.1	154.3	157.0	159.1	152.1	144.0
-85°	58.2	63.4	68.4	73.5	78.6	81.6	84.3	86.9	89.2	85.0	80.3
-87.5°	24.2	25.4	26.5	27.6	28.7	29.8	30.8	31.9	32.8	33.0	33.1
-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: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.2
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°	1.0	0.2	0.0	0.0	0.0	0.2	1.0	1.7	2.2	2.4	2.4
62.5°	6.1	6.4	6.6	6.7	6.6	6.4	6.1	5.9	5.7	5.9	6.4
60°	11.8	10.3	10.0	10.0	10.0	10.3	11.8	12.8	13.3	19.4	22.7
57.5°	92.3	79.0	81.0	89.9	81.0	79.0	92.3	100.0	100.5	116.7	117.4
55°	431.5	481.7	499.5	489.7	499.5	481.7	431.5	378.4	327.8	312.1	312.2
52.5°	584.7	605.3	613.2	612.9	613.2	605.3	584.7	557.1	522.2	487.7	454.0
50°	761.2	754.2	743.5	732.8	743.5	754.2	761.2	753.2	727.0	676.0	594.4
47.5°	1270.3	1248.3	1239.0	1255.8	1239.0	1248.3	1270.3	1256.0	1158.3	1031.3	937.8
45°	1688.1	1713.8	1733.1	1732.2	1733.1	1713.8	1688.1	1666.4	1560.4	1415.1	1265.9
42.5°	1926.0	1939.7	1943.7	1938.7	1943.7	1939.7	1926.0	1901.9	1779.3	1624.1	1453.2
40°	2137.9	2154.3	2163.5	2171.9	2163.5	2154.3	2137.9	2106.4	2005.9	1861.3	1700.6
37.5°	2450.5	2456.5	2443.4	2435.0	2443.4	2456.5	2450.5	2430.6	2370.2	2185.7	2055.1
35°	3216.8	3232.4	3196.1	3234.5	3196.1	3232.4	3216.8	3138.2	3044.9	2935.5	2638.2
32.5°	3951.7	4025.2	4084.7	4133.9	4084.7	4025.2	3951.7	3876.5	3813.4	3602.4	3213.6
30°	4367.9	4415.4	4440.9	4447.0	4440.9	4415.4	4367.9	4309.4	4225.6	3955.8	3596.3
27.5°	4673.5	4723.3	4754.3	4776.8	4754.3	4723.3	4673.5	4619.5	4521.7	4246.4	3893.5
25°	4968.1	5013.6	5044.6	5056.6	5044.6	5013.6	4968.1	4913.2	4793.2	4560.5	4212.9
22.5°	5273.8	5305.4	5335.1	5349.8	5335.1	5305.4	5273.8	5209.4	5079.4	4893.7	4525.5
20°	5712.0	5694.8	5721.9	5712.8	5721.9	5694.8	5712.0	5613.6	5476.6	5283.1	4927.5
17.5°	6605.0	6614.2	6632.4	6662.2	6632.4	6614.2	6605.0	6474.5	6307.1	6132.3	5637.6
15°	7728.1	7750.7	7865.5	7968.0	7865.5	7750.7	7728.1	7601.8	7316.8	7064.7	6500.2
12.5°	8215.2	8293.4	8305.5	8334.4	8305.5	8293.4	8215.2	8037.1	7845.3	7523.8	7011.5
10°	8377.8	8513.2	8510.3	8544.3	8510.3	8513.2	8377.8	8222.8	8066.2	7791.9	7255.7
7.5°	8501.1	8646.5	8708.0	8734.2	8708.0	8646.5	8501.1	8396.1	8241.5	7975.7	7427.4
5°	8651.7	8731.7	8837.8	8807.4	8837.8	8731.7	8651.7	8520.0	8324.4	8041.9	7542.0
2.5°	8714.8	8840.1	8811.2	8840.7	8811.2	8840.1	8714.8	8537.1	8357.3	8130.0	7692.5
0°	8757.5	8847.4	8860.7	8890.7	8860.7	8847.4	8757.5	8580.9	8397.7	8177.9	7734.8
-2.5°	8705.8	8785.0	8923.6	8880.7	8923.6	8785.0	8705.8	8543.8	8369.5	8147.7	7749.1
-5°	8660.5	8855.3	8779.7	8874.1	8779.7	8855.3	8660.5	8488.0	8314.7	8074.9	7658.0
-7.5°	8637.2	8672.0	8722.2	8794.1	8722.2	8672.0	8637.2	8440.9	8251.2	7998.3	7576.0
-10°	8456.3	8492.0	8584.2	8634.2	8584.2	8492.0	8456.3	8366.4	8145.4	7876.8	7472.6
-12.5°	8260.3	8329.2	8426.2	8457.7	8426.2	8329.2	8260.3	8160.5	8002.6	7709.6	7307.8
-15°	8034.4	8136.9	8231.3	8251.1	8231.3	8136.9	8034.4	7916.5	7742.0	7503.7	7109.1
-17.5°	7747.1	7870.0	7969.3	7991.3	7969.3	7870.0	7747.1	7615.2	7443.7	7230.8	6909.1
-20°	7430.6	7548.4	7632.8	7658.2	7632.8	7548.4	7430.6	7292.4	7130.5	6926.0	6622.8



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7091.8	7197.8	7269.2	7258.5	7269.2	7197.8	7091.8	6954.6	6805.0	6618.6	6292.7
-25°	6732.1	6830.4	6898.4	6888.7	6898.4	6830.4	6732.1	6612.3	6463.9	6266.0	5974.1
-27.5°	6351.7	6444.9	6510.3	6512.3	6510.3	6444.9	6351.7	6236.5	6087.2	5887.7	5638.5
-30°	5952.1	6036.7	6089.7	6069.3	6089.7	6036.7	5952.1	5840.3	5701.7	5507.9	5245.1
-32.5°	5539.9	5616.4	5665.0	5679.5	5665.0	5616.4	5539.9	5442.7	5325.9	5148.4	4867.6
-35°	5133.3	5200.8	5242.8	5253.1	5242.8	5200.8	5133.3	5044.6	4930.7	4790.2	4512.9
-37.5°	4729.3	4787.4	4816.7	4803.4	4816.7	4787.4	4729.3	4647.7	4545.1	4424.4	4184.8
-40°	4330.2	4385.5	4419.1	4427.0	4419.1	4385.5	4330.2	4256.0	4160.6	4043.0	3850.8
-42.5°	3937.6	3983.6	4013.1	4027.3	4013.1	3983.6	3937.6	3873.8	3773.4	3642.9	3488.4
-45°	3556.8	3597.8	3625.5	3640.9	3625.5	3597.8	3556.8	3499.7	3401.9	3275.7	3131.0
-47.5°	3186.2	3222.2	3246.1	3257.8	3246.1	3222.2	3186.2	3136.1	3048.8	2924.1	2781.2
-50°	2831.8	2863.0	2885.3	2898.1	2885.3	2863.0	2831.8	2788.4	2714.1	2592.9	2457.3
-52.5°	2495.7	2523.0	2541.9	2551.6	2541.9	2523.0	2495.7	2457.9	2398.6	2283.9	2159.1
-55°	2174.8	2196.9	2214.4	2225.2	2214.4	2196.9	2174.8	2143.7	2101.1	1994.9	1880.0
-57.5°	1875.5	1893.5	1910.2	1922.0	1910.2	1893.5	1875.5	1849.1	1814.3	1723.3	1622.7
-60°	1595.4	1612.4	1626.6	1635.6	1626.6	1612.4	1595.4	1572.0	1542.3	1473.7	1392.1
-62.5°	1342.6	1357.7	1370.6	1379.1	1370.6	1357.7	1342.6	1321.7	1294.9	1242.0	1176.1
-65°	1100.3	1113.8	1123.4	1129.2	1123.4	1113.8	1100.3	1082.0	1058.8	1021.0	972.2
-67.5°	896.0	911.6	914.7	912.7	914.7	911.6	896.0	877.0	854.8	825.6	789.0
-70°	713.6	726.8	729.9	729.5	729.9	726.8	713.6	698.4	681.3	660.2	632.9
-72.5°	558.0	565.2	559.0	549.6	559.0	565.2	558.0	549.7	540.8	528.9	508.7
-75°	418.7	414.1	407.6	399.7	407.6	414.1	418.7	422.4	425.4	424.6	409.6
-77.5°	306.7	295.3	287.9	279.8	287.9	295.3	306.7	317.1	326.5	332.4	322.1
-80°	213.5	202.4	194.7	186.5	194.7	202.4	213.5	223.9	233.6	241.4	237.9
-82.5°	135.3	126.1	121.5	116.6	121.5	126.1	135.3	144.0	152.1	159.1	157.0
-85°	75.2	69.8	66.6	63.3	66.6	69.8	75.2	80.3	85.0	89.2	86.9
-87.5°	33.2	33.2	31.6	30.0	31.6	33.2	33.2	33.1	33.0	32.8	31.9
-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: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.4	17.5	16.7	15.9	15.0	14.2	13.3	12.5	11.7	10.8	10.0
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	0.1	0.1	0.0	0.0	0.3	0.4	0.2	0.0	0.4
67.5°	0.0	0.0	0.6	1.4	1.7	1.7	1.5	1.7	2.0	1.8	1.7
65°	2.0	1.3	0.8	1.6	2.5	3.3	3.5	3.0	3.0	3.4	4.1
62.5°	6.7	7.0	6.1	5.1	4.4	4.8	5.3	5.6	4.9	3.9	5.2
60°	20.1	12.2	17.8	19.1	15.2	13.2	19.7	18.7	9.8	8.4	7.5
57.5°	96.7	80.9	88.8	80.7	55.2	48.2	49.9	47.6	43.1	26.4	11.3
55°	333.1	285.5	224.3	193.7	186.6	142.7	106.4	88.8	80.5	58.1	38.5
52.5°	423.2	393.4	347.1	283.2	249.2	236.4	202.1	161.7	128.4	102.7	73.8
50°	530.5	538.4	490.9	402.6	367.7	329.9	296.6	249.8	207.7	166.6	123.0
47.5°	865.5	806.2	758.5	692.6	567.4	487.4	435.0	358.4	300.7	251.0	197.1
45°	1153.9	1086.1	1039.5	937.2	804.1	680.5	597.9	502.0	399.9	333.3	284.5
42.5°	1358.8	1271.0	1194.5	1111.0	983.9	844.4	731.1	636.2	528.8	421.0	356.0
40°	1559.3	1420.1	1344.2	1269.5	1149.7	993.2	905.0	765.6	653.5	533.8	445.1
37.5°	1858.4	1621.7	1594.8	1522.9	1387.4	1224.6	1125.4	987.8	779.9	667.1	565.1
35°	2363.8	2119.9	1979.1	1908.6	1732.9	1525.5	1362.0	1233.6	1027.3	805.2	687.6
32.5°	2920.6	2612.1	2398.4	2297.7	2109.2	1827.8	1626.2	1462.7	1255.7	1004.4	815.8
30°	3235.1	2953.7	2696.4	2524.3	2341.0	2099.1	1867.8	1637.0	1412.2	1204.3	954.7
27.5°	3527.7	3176.8	2899.4	2705.2	2533.6	2301.0	2045.1	1797.8	1550.7	1345.3	1122.7
25°	3806.5	3417.7	3115.3	2887.3	2687.8	2503.6	2214.3	1944.1	1686.4	1459.3	1285.2
22.5°	4066.2	3705.3	3356.9	3058.8	2889.8	2692.1	2406.8	2079.5	1827.7	1636.8	1431.9
20°	4494.0	4089.9	3648.8	3390.8	3233.6	2928.3	2605.5	2281.9	2050.6	1831.9	1590.9
17.5°	5199.0	4694.8	4167.4	3891.2	3668.6	3294.0	2882.7	2561.7	2273.0	2029.2	1764.0
15°	5970.9	5321.9	4799.3	4442.5	4089.8	3651.1	3175.0	2828.2	2500.2	2225.9	1923.0
12.5°	6352.4	5734.5	5272.3	4769.4	4314.4	3916.9	3466.4	3084.0	2711.7	2354.4	2021.4
10°	6580.0	5966.0	5443.1	4941.2	4485.1	4102.6	3684.2	3231.1	2817.5	2439.4	2103.5
7.5°	6757.1	6124.5	5567.6	5067.9	4605.7	4202.3	3801.8	3326.8	2902.2	2508.1	2169.4
5°	6879.7	6247.9	5683.3	5178.0	4691.5	4273.7	3889.2	3399.3	2965.3	2560.2	2219.4
2.5°	7006.1	6343.8	5755.7	5249.2	4746.1	4319.0	3942.0	3454.6	3016.5	2598.9	2261.1
0°	7055.3	6399.0	5806.1	5286.5	4776.8	4337.1	3957.3	3491.0	3051.3	2621.6	2288.5
-2.5°	7087.0	6417.1	5825.9	5310.6	4817.3	4365.6	3974.6	3531.9	3062.3	2645.9	2296.1
-5°	7038.9	6395.8	5809.3	5290.6	4818.2	4367.8	3962.6	3537.9	3059.5	2652.4	2290.2
-7.5°	6979.8	6339.4	5746.2	5237.5	4783.4	4337.7	3926.7	3511.4	3049.0	2641.8	2278.9
-10°	6880.0	6249.5	5684.8	5182.2	4722.4	4273.5	3874.5	3461.1	3015.0	2611.6	2252.5
-12.5°	6746.8	6135.9	5578.2	5081.1	4640.0	4207.4	3816.7	3391.6	2956.9	2561.2	2210.5
-15°	6570.9	5987.3	5446.3	4961.7	4535.1	4121.5	3731.0	3314.8	2900.2	2499.2	2153.1
-17.5°	6378.4	5791.3	5258.4	4801.9	4397.3	4005.2	3622.0	3234.1	2834.9	2440.9	2101.4
-20°	6159.8	5583.2	5055.4	4612.9	4231.1	3859.6	3505.3	3143.9	2744.3	2373.9	2047.1



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5845.3	5336.0	4852.0	4418.2	4053.2	3713.2	3371.9	3022.5	2626.8	2290.0	1973.1
-25°	5534.4	5060.8	4625.8	4227.1	3874.6	3551.6	3219.7	2873.3	2522.2	2191.5	1882.7
-27.5°	5230.1	4791.5	4358.1	3999.7	3683.0	3367.6	3055.8	2728.0	2404.8	2080.6	1797.8
-30°	4901.6	4491.4	4100.7	3764.2	3464.5	3172.7	2892.2	2586.2	2268.2	1960.5	1706.1
-32.5°	4540.8	4180.9	3836.5	3519.7	3239.6	2981.0	2714.9	2424.8	2110.5	1848.3	1600.0
-35°	4190.7	3858.4	3561.2	3281.8	3027.6	2790.9	2533.2	2242.8	1966.9	1720.7	1480.3
-37.5°	3877.4	3553.7	3278.5	3037.8	2825.3	2601.0	2344.0	2086.3	1826.9	1578.7	1369.0
-40°	3553.1	3251.1	3006.7	2811.0	2607.7	2405.7	2179.5	1939.9	1684.0	1441.6	1259.7
-42.5°	3238.8	2995.1	2754.1	2558.2	2376.0	2210.6	2019.9	1777.9	1542.7	1332.1	1157.3
-45°	2931.0	2709.6	2489.6	2311.0	2159.5	2004.4	1833.9	1614.0	1402.7	1221.9	1057.0
-47.5°	2614.8	2428.4	2244.9	2078.9	1943.4	1792.8	1628.2	1442.0	1268.7	1105.8	959.8
-50°	2311.3	2160.0	2011.6	1867.8	1730.6	1583.6	1436.5	1286.2	1131.6	989.6	857.1
-52.5°	2025.4	1900.2	1774.8	1648.9	1529.0	1400.5	1264.8	1131.0	995.0	876.4	758.1
-55°	1756.5	1649.2	1549.7	1448.7	1347.7	1231.8	1109.4	988.8	880.4	771.4	675.0
-57.5°	1518.5	1424.2	1345.1	1262.7	1177.3	1074.6	969.9	868.1	778.1	687.9	598.6
-60°	1308.2	1226.0	1158.2	1086.3	1010.5	924.7	841.6	760.9	683.2	609.5	532.7
-62.5°	1109.5	1043.2	982.1	921.2	859.6	794.6	723.6	658.5	598.3	536.3	466.7
-65°	921.6	869.7	818.4	769.2	718.6	666.4	609.8	558.3	509.1	458.8	398.6
-67.5°	750.2	709.6	668.0	626.9	587.5	546.0	503.0	460.1	419.9	378.9	330.1
-70°	603.9	573.3	541.0	506.7	474.1	441.6	408.3	373.6	336.9	303.3	269.9
-72.5°	487.5	465.5	441.3	413.6	384.2	356.2	329.1	302.0	274.1	245.4	216.3
-75°	394.0	377.8	359.4	336.3	312.5	288.1	265.3	242.1	216.6	188.8	161.7
-77.5°	311.9	302.0	290.7	272.2	253.5	234.7	214.4	189.0	163.0	137.4	115.0
-80°	233.9	229.2	222.5	206.4	190.3	174.3	157.3	135.1	113.1	92.4	75.8
-82.5°	154.3	151.1	146.8	136.1	125.5	115.1	104.4	89.0	74.2	60.3	47.9
-85°	84.3	81.6	78.6	73.5	68.4	63.4	58.2	49.7	41.8	34.3	27.7
-87.5°	30.8	29.8	28.7	27.6	26.5	25.4	24.2	21.7	19.3	17.0	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.2	8.4	7.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	1.0
82.5°	0.0	0.0	0.0	0.1	0.5	0.9	1.0	0.9	0.5	0.1	0.3
80°	0.0	0.0	0.0	0.1	0.8	1.8	2.2	2.3	1.7	1.2	0.7
77.5°	0.0	0.0	0.0	0.0	0.3	1.0	1.9	3.0	3.0	2.3	1.6
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.7	1.7	2.7	3.3	2.6
72.5°	0.0	0.0	0.0	0.4	0.9	0.9	0.5	0.6	1.9	2.8	3.3
70°	0.5	0.2	0.0	0.5	1.4	2.0	1.9	1.5	1.3	2.4	3.1
67.5°	1.6	1.7	1.2	0.9	1.5	2.3	3.1	3.0	2.6	2.1	3.0
65°	3.9	3.6	3.2	2.9	2.5	2.4	3.2	4.1	3.9	3.3	3.0
62.5°	5.8	5.8	5.4	4.9	4.3	3.7	3.4	4.6	5.1	4.5	3.7
60°	7.5	7.8	7.5	6.8	6.2	5.5	4.9	5.2	5.8	5.6	4.8
57.5°	10.4	10.1	9.9	9.0	8.0	7.1	6.7	6.5	6.7	6.6	5.8
55°	18.3	12.7	12.8	11.9	10.2	8.8	8.4	8.1	7.7	7.6	6.8
52.5°	46.3	25.7	16.5	15.2	13.3	10.9	10.2	9.7	9.2	8.7	7.7
50°	85.5	55.3	31.3	19.6	16.8	14.3	11.9	11.2	10.6	9.9	8.7
47.5°	136.8	95.1	61.8	31.0	21.6	17.9	14.8	12.8	12.0	11.1	9.6
45°	210.7	140.2	97.2	61.4	28.8	24.6	18.3	14.4	13.4	12.3	10.5
42.5°	293.1	205.6	136.4	92.7	55.0	34.1	21.9	17.4	14.8	13.5	11.5
40°	373.9	284.2	183.1	127.9	83.0	45.7	31.6	20.8	16.2	14.8	12.6
37.5°	463.4	367.3	256.5	165.4	111.6	69.7	43.2	24.2	18.4	16.2	13.8
35°	574.0	459.4	329.9	220.3	147.8	92.1	56.2	30.8	22.5	17.7	15.0
32.5°	684.5	551.4	409.3	284.2	185.6	112.6	73.2	43.9	27.5	19.2	16.3
30°	795.6	635.7	484.0	343.3	229.1	145.7	91.4	56.7	33.1	20.8	17.6
27.5°	895.8	715.2	554.0	405.0	280.2	180.6	110.5	69.1	39.3	23.6	18.8
25°	1008.9	801.2	622.9	464.1	326.8	216.9	130.0	81.3	48.4	28.4	20.1
22.5°	1154.4	889.5	686.6	517.7	373.0	251.7	155.2	97.3	58.5	33.5	21.5
20°	1299.0	975.8	749.2	584.7	423.3	290.8	184.3	113.2	68.0	38.7	22.7
17.5°	1441.0	1086.4	840.1	653.2	477.1	327.4	211.5	128.9	76.9	44.1	24.0
15°	1568.3	1213.0	929.5	718.0	529.8	361.3	236.6	144.1	85.3	49.5	25.7
12.5°	1675.2	1322.2	1013.7	778.7	580.5	392.2	259.6	158.7	93.1	55.5	28.0
10°	1763.6	1414.6	1091.8	834.7	628.4	420.0	280.3	173.3	102.2	61.9	30.5
7.5°	1834.2	1490.9	1162.8	885.6	671.9	446.0	302.5	188.7	111.0	67.9	32.9
5°	1887.3	1550.4	1217.7	922.1	706.5	469.9	323.0	202.8	119.1	73.6	35.4
2.5°	1921.7	1594.2	1258.4	950.7	734.7	490.0	341.1	215.5	126.6	78.7	37.8
0°	1942.0	1625.6	1289.1	972.7	756.2	506.3	356.4	226.5	133.2	83.3	40.0
-2.5°	1960.2	1646.1	1316.0	1011.0	770.9	533.1	366.2	236.5	143.7	86.6	44.1
-5°	1966.2	1655.2	1333.6	1040.5	779.8	554.7	373.1	244.6	152.9	89.3	47.8
-7.5°	1956.0	1649.7	1339.8	1057.3	784.0	570.0	377.1	250.9	160.5	91.3	51.0
-10°	1933.5	1631.9	1331.6	1052.2	789.6	574.8	379.4	255.6	165.9	92.9	53.7
-12.5°	1900.1	1604.9	1314.1	1041.1	788.7	571.8	385.7	259.2	168.8	93.9	55.7
-15°	1856.4	1569.6	1287.3	1024.6	779.2	564.9	387.3	260.6	168.5	95.9	56.9
-17.5°	1804.9	1526.8	1251.5	1003.5	760.7	554.5	383.8	258.9	166.8	98.7	58.1
-20°	1753.3	1479.3	1208.9	978.7	732.9	541.1	374.9	254.2	163.7	100.6	59.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1692.8	1424.7	1172.2	944.0	702.7	524.9	360.3	246.1	159.4	101.4	59.8
-25°	1623.3	1361.0	1128.0	896.4	679.0	506.5	345.2	234.6	153.7	101.1	59.7
-27.5°	1544.7	1292.9	1075.9	844.2	654.2	480.9	330.9	226.1	148.9	99.7	58.8
-30°	1457.1	1228.8	1013.7	794.0	624.1	453.2	312.2	216.7	146.7	97.8	57.1
-32.5°	1362.7	1156.6	946.8	755.7	589.7	424.5	295.7	206.0	143.0	95.4	57.2
-35°	1274.1	1078.1	878.6	711.6	553.3	407.5	284.6	194.1	137.9	92.1	57.5
-37.5°	1179.2	995.8	824.5	665.5	515.0	387.9	275.7	188.8	131.2	87.9	57.3
-40°	1088.0	917.6	761.8	621.6	486.7	365.9	261.6	182.9	124.8	82.7	56.6
-42.5°	995.6	844.2	702.0	573.9	459.9	344.6	243.5	173.8	119.6	79.7	55.2
-45°	910.5	768.3	638.3	532.3	430.2	317.4	229.7	162.4	113.2	77.6	54.1
-47.5°	821.1	691.1	580.1	486.7	391.3	287.8	212.1	153.4	105.6	74.8	53.3
-50°	728.9	618.0	525.7	436.6	343.7	263.0	193.2	142.7	102.9	72.6	52.0
-52.5°	648.2	553.8	470.0	385.1	307.8	234.1	178.9	131.3	99.2	70.7	50.2
-55°	578.6	492.7	415.2	342.9	273.5	212.9	162.8	125.8	94.7	68.4	47.9
-57.5°	517.2	436.1	370.2	305.2	245.0	192.4	151.4	119.3	90.0	65.2	45.9
-60°	457.5	390.9	329.3	271.4	218.4	174.8	142.5	111.8	84.4	61.1	43.6
-62.5°	402.2	343.6	290.0	237.8	194.5	160.4	132.3	103.1	77.7	56.0	40.6
-65°	344.3	294.4	249.1	208.0	172.8	143.6	119.2	93.2	69.0	49.9	36.8
-67.5°	284.1	247.5	212.1	177.9	149.1	124.6	104.0	80.1	58.7	42.8	32.3
-70°	236.6	204.3	174.4	147.5	124.1	104.0	85.0	64.7	47.4	36.7	27.5
-72.5°	188.3	162.0	137.5	116.1	99.4	82.4	65.1	49.5	39.3	30.2	22.5
-75°	139.4	121.6	105.6	90.8	75.7	60.8	49.6	39.4	30.9	23.5	19.0
-77.5°	101.2	88.3	76.6	67.2	56.8	46.9	37.4	28.9	23.4	19.5	16.0
-80°	68.8	62.0	55.5	48.9	40.6	32.7	27.0	22.2	18.9	15.7	12.9
-82.5°	43.3	39.7	36.5	33.2	28.3	23.9	20.0	16.7	14.2	11.9	10.4
-85°	25.7	23.8	21.9	20.1	17.3	15.0	13.8	12.8	11.7	10.6	9.5
-87.5°	14.5	14.3	14.1	13.8	13.1	12.5	11.9	11.4	10.4	9.5	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.5

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REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	5.9	5.0	4.1	3.3	3.3	3.3
87.5°	2.4	2.8	3.0	3.2	3.3	3.3	3.3
85°	1.6	2.2	2.7	3.1	3.3	3.3	3.3
82.5°	0.8	1.7	2.5	3.0	3.3	3.3	3.3
80°	0.2	1.2	2.2	2.9	3.3	3.3	3.3
77.5°	1.0	1.1	1.9	2.8	3.3	3.3	3.3
75°	1.8	1.6	1.8	2.7	3.3	3.3	3.3
72.5°	2.6	2.1	2.1	2.7	3.3	3.3	3.3
70°	3.3	2.6	2.4	2.6	3.3	3.3	3.3
67.5°	3.4	3.1	2.6	2.8	3.3	3.3	3.3
65°	3.5	3.4	2.9	2.9	3.3	3.3	3.3
62.5°	3.7	3.7	3.1	3.0	3.3	3.3	3.3
60°	3.9	4.0	3.3	3.1	3.3	3.3	3.3
57.5°	4.7	4.3	3.6	3.1	3.3	3.3	3.3
55°	5.6	4.7	4.0	3.2	3.4	3.3	3.3
52.5°	6.4	5.1	4.3	3.2	3.5	3.3	3.3
50°	7.3	5.8	4.7	3.3	3.5	3.3	3.3
47.5°	8.1	6.5	5.1	3.4	3.6	3.3	3.3
45°	8.8	7.1	5.5	3.7	3.7	3.3	3.3
42.5°	9.6	7.7	5.9	4.0	3.8	3.3	3.3
40°	10.3	8.4	6.4	4.4	3.9	3.3	3.3
37.5°	11.0	9.0	6.9	4.9	4.1	3.3	3.3
35°	11.7	9.5	7.3	5.3	4.2	3.3	3.3
32.5°	12.5	10.1	7.8	5.7	4.4	3.3	3.3
30°	13.5	10.6	8.2	6.2	4.5	3.3	3.3
27.5°	14.5	11.1	8.7	6.6	4.7	3.3	3.3
25°	15.5	11.6	9.2	6.9	4.9	3.3	3.3
22.5°	16.4	12.1	9.7	7.3	5.1	3.3	3.3
20°	17.4	12.7	10.2	7.7	5.3	3.3	3.3
17.5°	18.4	13.3	10.7	8.0	5.5	3.3	3.3
15°	19.3	13.9	11.1	8.4	5.6	3.3	3.3
12.5°	20.1	14.4	11.5	8.7	5.8	3.3	3.3
10°	20.9	14.9	11.9	9.0	6.0	3.3	3.3
7.5°	21.6	15.4	12.3	9.3	6.2	3.3	3.3
5°	22.3	15.9	12.7	9.5	6.4	3.3	3.3
2.5°	22.8	16.3	13.0	9.8	6.5	3.3	3.3
0°	23.3	16.7	13.3	10.0	6.7	3.3	3.3
-2.5°	24.6	17.0	13.6	10.0	6.7	3.3	3.3
-5°	25.8	17.4	13.8	10.0	6.7	3.3	3.3
-7.5°	26.8	17.6	14.1	9.9	6.6	3.3	3.3
-10°	27.7	17.9	14.2	9.8	6.6	3.3	3.3
-12.5°	28.3	18.1	14.3	9.8	6.5	3.3	3.3
-15°	28.7	18.3	14.4	9.7	6.5	3.3	3.3
-17.5°	28.9	18.4	14.4	9.5	6.4	3.3	3.3
-20°	29.6	18.5	14.3	9.4	6.3	3.3	3.3

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REPORT NUMBER: P627050 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.5	18.6	14.1	9.2	6.2	3.3	3.3
-25°	33.1	19.9	13.9	9.1	6.1	3.3	3.3
-27.5°	34.3	21.4	13.5	8.9	5.9	3.3	3.3
-30°	35.1	22.7	13.2	8.7	5.8	3.3	3.3
-32.5°	35.6	23.8	13.7	8.4	5.6	3.3	3.3
-35°	36.6	24.7	14.0	8.2	5.5	3.3	3.3
-37.5°	37.5	25.3	14.2	7.9	5.3	3.3	3.3
-40°	38.1	25.5	14.3	7.7	5.1	3.3	3.3
-42.5°	38.3	25.5	14.4	7.5	4.9	3.3	3.3
-45°	38.2	25.3	14.5	7.6	4.7	3.3	3.3
-47.5°	37.6	24.9	14.4	7.5	4.5	3.3	3.3
-50°	36.8	24.3	14.2	7.4	4.3	3.3	3.3
-52.5°	35.8	23.5	13.7	7.3	4.0	3.3	3.3
-55°	34.5	22.6	13.2	7.1	3.8	3.3	3.3
-57.5°	32.9	21.3	12.4	6.8	3.6	3.3	3.3
-60°	31.1	19.9	11.6	6.5	3.3	3.3	3.3
-62.5°	28.6	18.2	10.9	6.1	3.3	3.3	3.3
-65°	25.8	16.3	10.2	5.7	3.3	3.3	3.3
-67.5°	22.7	14.7	9.4	5.3	3.3	3.3	3.3
-70°	19.3	13.3	8.5	4.8	3.3	3.3	3.3
-72.5°	17.1	11.9	7.6	4.7	3.3	3.3	3.3
-75°	14.9	10.3	6.6	4.6	3.3	3.3	3.3
-77.5°	12.6	8.7	6.3	4.6	3.3	3.3	3.3
-80°	10.2	7.9	6.1	4.5	3.3	3.3	3.3
-82.5°	9.2	7.4	5.8	4.4	3.3	3.3	3.3
-85°	8.4	6.9	5.6	4.4	3.3	3.3	3.3
-87.5°	7.5	6.4	5.3	4.3	3.3	3.3	3.3
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3

(END OF REPORT)