

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: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627712 (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-SA5D-740-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

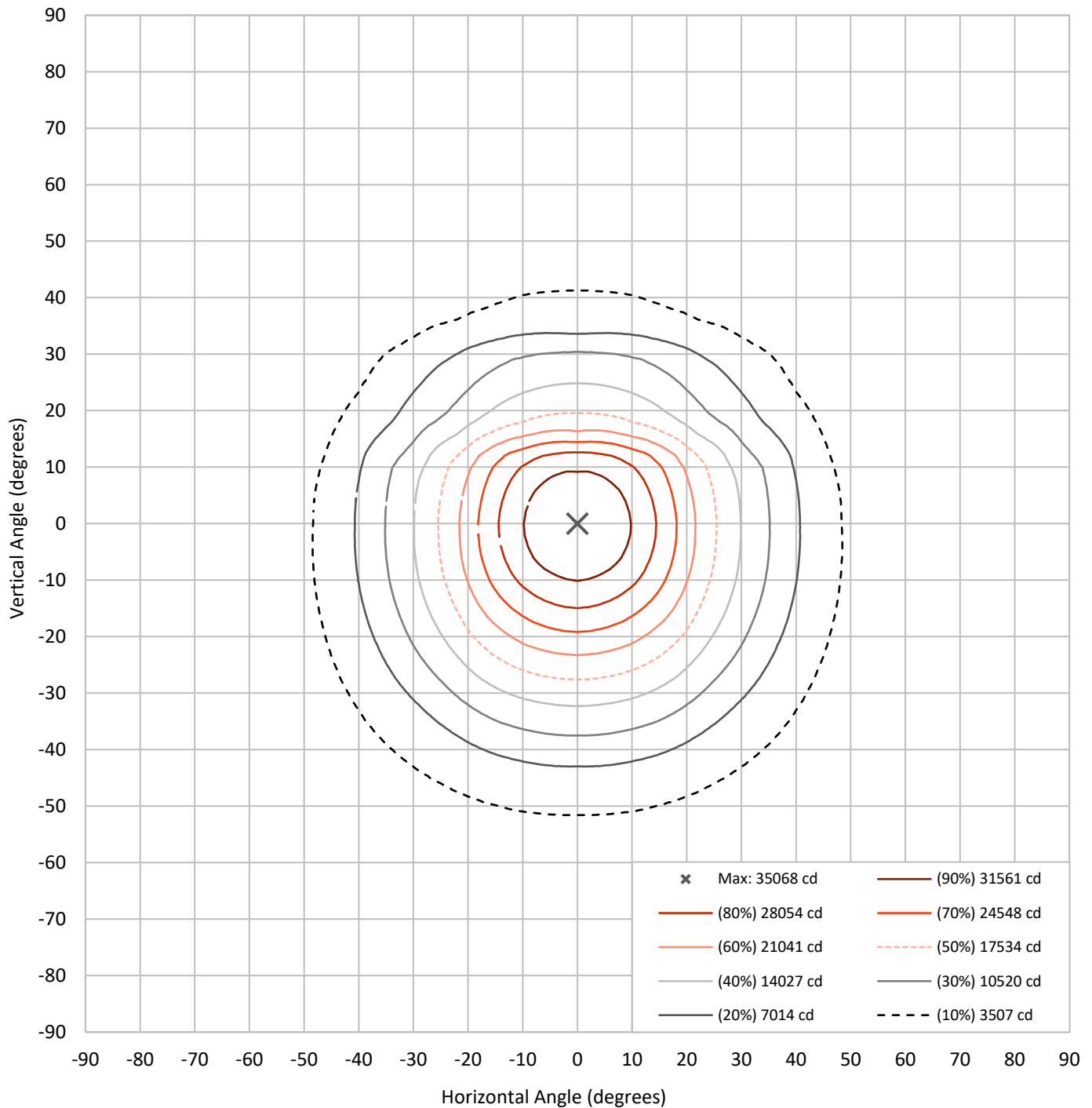
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30937.6 lumens	Max Intensity:	35068 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	14895 lumens	Field Lumens:	27699.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	271.3		
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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CATALOG NUMBER: GFLD-SA5D-740-U-WR-VSR-XX

Iso-Candela Plot





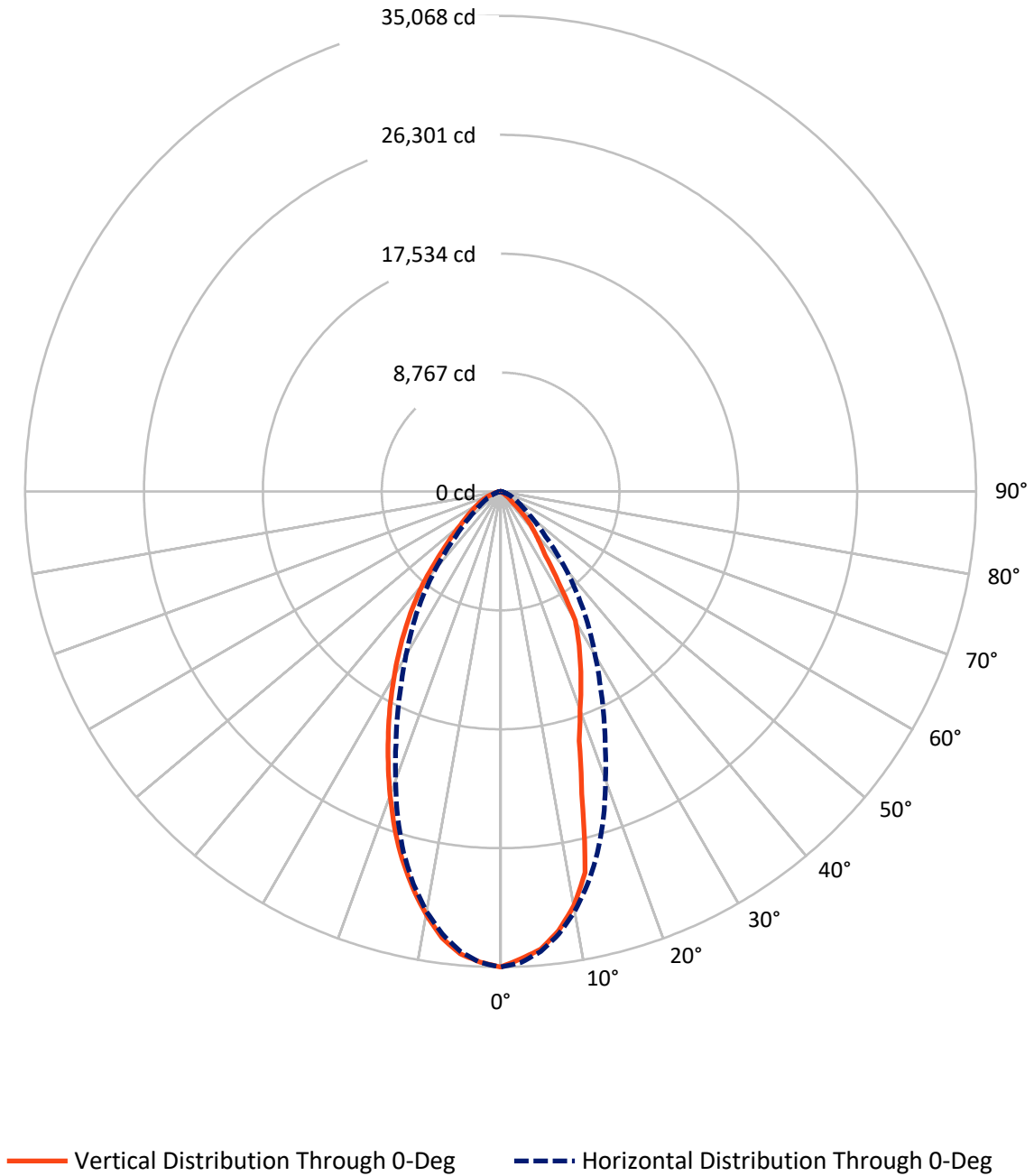
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.7	1.6	2.9	4.9	7.1	9.7	11.0	11.0	9.7	7.1	4.9	2.9	1.6	0.7				
40	1.3	2.4	6.0	12.6	23.0	37.8	54.5	66.8	66.8	54.5	37.8	23.0	12.6	6.0	2.4	1.3			
30		4.7	12.1	28.0	57.8	106.1	162.3	195.1	195.1	162.3	106.1	57.8	28.0	12.1	4.7				
20	3.4	7.4	19.6	50.8	120.2	225.6	343.4	413.9	413.9	343.4	225.6	120.2	50.8	19.6	7.4	3.4			
10		10.0	27.9	79.6	197.7	365.6	571.3	706.3	706.3	571.3	365.6	197.7	79.6	27.9	10.0				
0	4.8	11.7	35.1	103.0	259.6	483.9	776.9	985.0	985.0	776.9	483.9	259.6	103.0	35.1	11.7	4.8			
-10		12.2	36.5	106.3	263.3	490.9	784.8	991.2	991.2	784.8	490.9	263.3	106.3	36.5	12.2				
-20	5.1	12.0	34.6	94.7	233.3	431.0	664.4	819.9	819.9	664.4	431.0	233.3	94.7	34.6	12.0	5.1			
-30		11.1	29.9	74.2	174.1	324.9	484.3	580.7	580.7	484.3	324.9	174.1	74.2	29.9	11.1				
-40	4.4	9.7	24.3	53.6	109.6	201.6	304.2	362.1	362.1	304.2	201.6	109.6	53.6	24.3	9.7	4.4			
-50		8.0	18.7	37.0	65.8	105.5	151.4	180.2	180.2	151.4	105.5	65.8	37.0	18.7	8.0				
-60	2.8	6.3	13.7	24.7	40.2	57.8	74.8	84.7	84.7	74.8	57.8	40.2	24.7	13.7	6.3	2.8			
-70		4.4	9.1	15.2	23.3	31.8	38.9	42.5	42.5	38.9	31.8	23.3	15.2	9.1	4.4				
-80	0.7	8.8		22.7		40.6		37.0		40.6		22.7		8.8		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

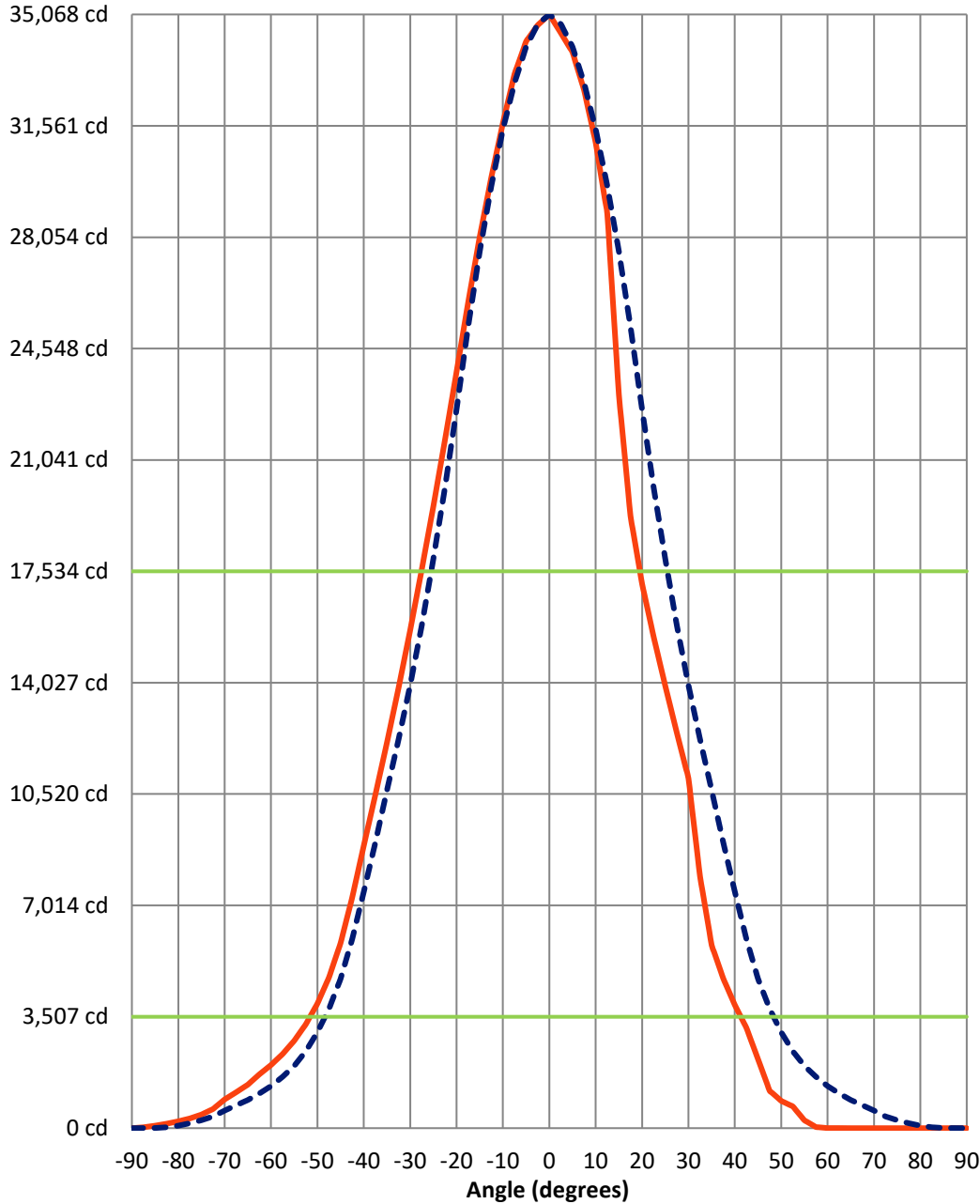
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 14895
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 27699.7
 Efficiency: 89.5%

Spill:
 Lumens: 3237.9
 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	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.9	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7
67.5°	0.0	1.0	1.9	2.5	2.5	2.5	2.7	2.5	2.5	3.2	3.1
65°	0.0	1.1	2.1	2.5	2.5	2.8	3.0	2.5	3.6	4.1	4.8
62.5°	0.0	1.2	2.3	2.5	2.5	3.4	3.4	3.4	4.8	6.7	10.4
60°	0.0	1.2	2.5	2.5	2.5	4.0	3.9	4.7	6.0	16.6	17.9
57.5°	0.0	1.3	2.5	2.5	3.2	4.7	6.8	6.5	16.3	27.9	30.7
55°	0.0	1.4	2.6	2.5	4.0	5.5	10.4	9.5	29.9	42.1	47.6
52.5°	0.0	1.5	2.6	2.5	4.8	6.9	14.5	23.5	44.7	62.5	67.4
50°	0.0	1.6	2.7	2.5	5.6	11.3	19.1	38.9	62.5	85.2	102.9
47.5°	0.0	1.7	2.7	2.7	6.5	15.9	25.5	54.5	85.8	110.1	139.7
45°	0.0	1.8	2.8	3.4	7.4	20.8	39.0	70.2	109.2	142.5	175.9
42.5°	0.0	1.8	2.9	4.1	8.3	26.0	52.5	88.7	132.6	174.6	216.2
40°	0.0	1.9	3.0	4.9	10.9	31.5	66.0	108.9	156.9	205.9	258.2
37.5°	0.0	2.0	3.1	6.0	15.2	37.3	79.3	128.9	183.1	238.2	301.2
35°	0.0	2.0	3.2	7.2	19.6	46.3	92.5	148.6	209.5	276.6	347.8
32.5°	0.0	2.1	3.3	8.5	23.9	56.8	106.5	168.0	236.0	316.2	400.4
30°	0.0	2.2	3.4	9.8	28.3	66.9	122.2	187.7	262.3	356.5	453.4
27.5°	0.0	2.2	3.5	11.2	33.4	76.8	137.4	209.2	291.4	397.6	506.5
25°	0.0	2.3	3.7	12.7	38.5	86.3	152.0	230.3	324.8	441.2	559.7
22.5°	0.0	2.3	3.8	14.3	43.4	95.6	166.0	250.8	357.9	485.4	613.6
20°	0.0	2.3	3.9	15.8	48.1	104.6	179.4	270.6	390.4	528.6	665.0
17.5°	0.0	2.4	4.1	17.4	52.7	113.1	191.8	289.6	422.1	570.6	713.7
15°	0.0	2.4	4.2	19.0	57.1	121.0	203.2	306.5	452.7	611.0	759.6
12.5°	0.0	2.4	4.4	20.6	61.3	128.4	213.6	320.7	478.1	649.6	802.6
10°	0.0	2.5	4.5	22.1	65.2	135.1	223.0	333.3	498.4	672.4	836.4
7.5°	0.0	2.5	4.6	23.6	68.8	141.2	231.5	344.4	516.2	689.8	854.0
5°	0.0	2.5	4.8	25.0	72.1	146.6	238.9	353.9	531.4	703.7	868.3
2.5°	0.0	2.5	4.9	26.4	75.1	151.3	245.2	361.9	543.9	714.1	879.2
0°	0.0	2.5	5.0	27.6	77.7	155.3	250.5	368.2	553.6	721.4	886.7
-2.5°	0.0	2.7	5.8	29.3	81.2	160.2	257.3	378.8	564.4	731.8	898.4
-5°	0.0	2.8	6.5	30.9	84.4	164.3	263.0	387.7	572.3	739.3	906.8
-7.5°	0.0	3.0	7.2	32.4	87.0	167.6	267.4	394.7	577.3	743.9	911.7
-10°	0.0	3.1	7.9	33.6	89.2	170.1	270.6	399.6	579.5	745.8	913.2
-12.5°	0.0	3.2	8.6	34.7	90.9	171.8	272.5	402.5	578.8	744.6	909.0
-15°	0.0	3.4	9.2	35.6	91.9	172.6	273.1	403.1	574.6	738.2	900.2
-17.5°	0.0	3.5	9.8	36.3	92.4	172.5	272.3	402.3	567.2	729.4	888.0
-20°	0.0	3.6	10.3	36.7	92.3	171.5	271.5	400.4	557.9	718.4	872.4

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Scaled Data Report



REPORT NUMBER: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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	3.6	10.7	37.0	91.6	169.6	271.6	396.8	546.9	705.3	853.5
-25°	0.0	3.7	11.1	36.9	90.1	169.0	270.4	391.5	534.4	690.3	831.2
-27.5°	0.0	3.8	11.5	36.7	88.1	168.2	267.8	384.5	520.5	672.9	810.7
-30°	0.0	3.8	11.8	36.1	85.5	166.5	263.9	376.0	508.2	653.4	788.7
-32.5°	0.0	3.8	11.9	35.4	84.5	163.6	258.6	368.9	496.1	633.0	765.0
-35°	0.0	3.8	12.1	34.3	82.7	159.6	253.5	361.2	482.3	611.9	739.9
-37.5°	0.0	3.8	12.1	33.0	80.2	155.4	247.8	351.9	467.0	590.3	710.4
-40°	0.0	3.8	12.1	31.5	77.0	151.6	240.6	341.1	450.1	570.0	678.8
-42.5°	0.0	3.7	12.0	30.0	74.7	146.8	232.1	328.6	434.4	543.8	645.3
-45°	0.0	3.6	11.8	28.9	73.2	141.1	222.2	315.6	418.4	515.7	610.4
-47.5°	0.0	3.6	11.5	27.3	71.0	134.4	211.0	302.4	400.4	486.6	578.0
-50°	0.0	3.5	11.1	26.8	68.0	126.8	201.2	287.5	376.9	460.1	544.7
-52.5°	0.0	3.3	10.7	26.4	64.3	118.3	190.6	270.9	353.5	432.4	510.9
-55°	0.0	3.2	10.2	25.7	59.9	111.3	178.8	253.3	329.3	403.6	479.0
-57.5°	0.0	3.0	9.6	24.7	54.7	103.8	165.9	237.6	303.9	374.6	446.0
-60°	0.0	2.9	9.0	23.4	49.0	95.2	152.2	218.6	277.9	344.5	412.0
-62.5°	0.0	2.7	8.4	21.7	45.6	85.6	138.8	197.6	252.1	313.1	376.9
-65°	0.0	2.5	7.9	19.8	41.7	75.1	124.2	175.6	224.6	280.1	340.4
-67.5°	0.0	2.3	7.2	17.6	37.3	65.8	108.3	153.5	195.7	245.2	300.0
-70°	0.0	2.1	6.5	15.2	32.5	57.7	91.4	130.5	168.3	208.5	256.5
-72.5°	0.0	1.8	5.8	13.4	27.2	49.0	77.7	106.9	140.1	175.4	212.7
-75°	0.0	1.6	5.0	11.7	21.6	39.7	63.8	87.1	111.1	141.5	173.6
-77.5°	0.0	1.3	4.2	9.9	17.9	29.9	49.2	68.4	88.3	109.1	133.5
-80°	0.0	1.1	3.4	8.0	14.5	22.9	34.0	49.4	65.7	82.7	100.6
-82.5°	0.0	0.8	2.6	6.1	11.0	17.3	25.0	33.0	42.7	55.8	69.6
-85°	0.0	0.5	1.7	4.1	7.4	11.6	16.8	22.1	28.2	34.9	42.2
-87.5°	0.0	0.3	0.9	2.0	3.7	5.8	8.4	11.1	14.1	17.5	21.2
-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-SA5D-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.1
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	1.9	1.3
65°	2.5	2.5	3.4	3.7	2.6	2.5	2.5	2.5	2.6	2.3	2.3
62.5°	3.7	4.5	5.6	8.7	6.5	2.5	4.9	5.7	3.8	3.1	3.4
60°	11.0	7.5	19.3	26.7	17.5	9.2	11.3	22.7	18.7	5.1	13.3
57.5°	22.1	27.3	48.5	50.9	39.1	26.4	58.0	64.3	53.3	33.5	48.2
55°	46.1	64.8	81.9	80.9	81.4	102.3	120.3	118.1	104.1	143.6	180.8
52.5°	87.2	106.6	118.0	128.5	157.8	177.2	182.8	193.8	234.7	283.5	292.3
50°	128.0	148.0	162.9	201.0	231.0	246.4	260.6	298.1	359.8	393.3	398.7
47.5°	169.3	191.6	231.0	272.7	301.6	324.8	349.6	434.6	503.4	532.0	542.3
45°	212.4	251.0	300.1	342.9	376.5	407.9	488.5	604.4	653.0	696.7	808.0
42.5°	257.1	315.2	370.6	415.4	453.2	519.0	631.1	743.5	812.9	906.0	1040.5
40°	314.1	379.3	443.4	489.0	536.3	635.9	774.7	893.7	967.1	1092.0	1245.3
37.5°	372.1	448.2	517.5	565.6	632.0	766.8	929.9	1072.3	1163.4	1265.1	1511.4
35°	429.3	518.6	589.6	654.1	736.2	921.9	1123.0	1281.5	1394.1	1568.2	1879.9
32.5°	490.4	590.2	662.8	750.7	885.5	1093.1	1340.1	1516.1	1702.7	1953.3	2452.6
30°	555.4	657.2	740.7	846.3	1027.1	1269.4	1556.0	1777.1	2030.6	2437.5	2975.7
27.5°	620.2	724.0	826.9	961.2	1159.7	1421.5	1720.8	2069.5	2397.0	2852.0	3440.3
25°	682.5	792.1	911.4	1073.7	1288.3	1562.4	1889.1	2291.3	2718.8	3239.2	3930.0
22.5°	742.0	861.2	1000.9	1175.3	1396.9	1696.1	2085.7	2558.2	3071.9	3610.9	4404.8
20°	800.3	938.4	1098.7	1293.9	1496.7	1819.5	2278.0	2850.2	3493.9	4232.5	5010.4
17.5°	857.9	1014.7	1199.6	1416.6	1662.4	1992.7	2475.2	3156.4	3939.8	4901.0	5858.9
15°	914.3	1089.4	1297.3	1537.9	1829.6	2224.3	2772.4	3521.0	4467.6	5618.7	6753.3
12.5°	969.1	1161.9	1391.0	1656.3	1991.7	2442.4	3052.4	3860.1	4944.7	6319.9	7713.7
10°	1021.5	1231.5	1480.0	1770.7	2147.0	2645.3	3300.0	4153.4	5304.6	6721.9	8272.1
7.5°	1048.2	1278.6	1556.0	1879.4	2293.5	2831.6	3515.4	4401.4	5585.9	7045.2	8599.5
5°	1067.3	1300.1	1584.5	1922.8	2374.0	2958.2	3680.2	4604.0	5793.2	7288.4	8821.2
2.5°	1082.0	1315.6	1605.3	1947.3	2405.8	3000.5	3734.7	4674.7	5904.3	7415.3	8950.5
0°	1092.1	1325.1	1618.1	1961.3	2422.2	3020.9	3759.8	4704.1	5951.5	7444.4	8997.5
-2.5°	1102.8	1338.0	1631.6	1983.1	2445.2	3048.7	3787.5	4724.9	5986.9	7452.5	9022.9
-5°	1109.0	1345.0	1636.9	1993.7	2452.6	3053.9	3785.5	4705.2	5958.8	7394.1	8967.7
-7.5°	1110.7	1345.8	1633.9	1991.6	2443.2	3030.2	3745.5	4646.4	5861.6	7275.7	8832.3
-10°	1108.0	1339.9	1623.2	1973.5	2415.7	2981.0	3673.9	4544.7	5701.9	7080.3	8603.5
-12.5°	1099.9	1327.3	1603.9	1944.0	2371.4	2911.1	3573.1	4399.6	5480.2	6808.6	8280.9
-15°	1086.9	1308.6	1576.0	1903.2	2310.2	2821.0	3443.6	4211.3	5194.7	6463.3	7879.2
-17.5°	1069.0	1283.9	1539.5	1851.1	2232.2	2711.7	3287.0	3990.8	4886.8	6077.8	7432.7
-20°	1046.2	1253.0	1494.3	1787.9	2142.1	2596.5	3141.6	3795.6	4598.6	5636.5	6905.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1018.4	1216.3	1446.5	1727.4	2062.3	2476.9	2979.1	3574.3	4275.4	5126.4	6330.6
-25°	990.0	1181.1	1400.0	1660.0	1971.1	2341.4	2793.1	3335.5	3970.4	4749.2	5744.9
-27.5°	961.8	1140.6	1346.3	1582.2	1868.9	2201.6	2618.3	3112.8	3678.6	4340.9	5151.6
-30°	930.1	1095.4	1287.0	1500.7	1771.0	2079.8	2440.0	2863.6	3366.8	3965.2	4670.0
-32.5°	895.5	1046.8	1229.6	1430.2	1666.0	1947.2	2258.7	2641.9	3079.6	3573.3	4182.5
-35°	861.0	1005.4	1170.8	1354.3	1553.4	1816.7	2102.9	2420.8	2793.2	3230.3	3717.5
-37.5°	827.9	960.2	1107.8	1278.9	1465.6	1684.2	1937.1	2224.1	2544.6	2892.4	3313.3
-40°	791.0	911.4	1051.0	1206.0	1371.2	1560.7	1788.7	2032.3	2308.2	2614.3	2939.3
-42.5°	750.9	866.6	994.0	1127.5	1279.1	1448.4	1637.5	1860.3	2089.5	2346.0	2629.7
-45°	711.5	817.8	934.4	1056.3	1183.8	1333.3	1505.1	1690.5	1893.7	2103.0	2341.3
-47.5°	670.2	767.2	875.7	981.9	1094.9	1222.5	1368.2	1536.4	1705.9	1892.2	2077.1
-50°	628.7	719.8	811.0	910.0	1011.3	1117.5	1240.6	1385.8	1540.0	1694.6	1857.3
-52.5°	591.6	670.4	752.7	837.8	930.0	1024.5	1127.1	1246.7	1381.6	1517.8	1658.0
-55°	553.7	626.3	694.4	770.6	850.2	935.3	1026.8	1127.5	1229.3	1353.4	1474.0
-57.5°	516.6	581.0	640.3	705.2	776.1	848.4	930.8	1016.4	1108.8	1202.5	1301.2
-60°	479.5	534.2	587.9	644.1	703.6	767.9	834.2	909.3	988.6	1070.1	1155.6
-62.5°	441.1	485.4	532.8	584.2	636.6	686.1	741.7	803.1	868.5	938.4	1010.9
-65°	398.1	434.9	474.4	519.1	568.3	608.2	650.8	697.0	751.1	808.6	865.5
-67.5°	352.2	384.8	417.0	450.2	490.1	525.8	560.9	597.6	638.0	685.1	730.7
-70°	301.0	333.5	361.9	389.5	414.9	440.4	470.1	499.1	531.6	573.9	615.4
-72.5°	249.0	279.5	306.4	329.8	347.7	362.9	381.1	402.2	433.4	472.6	509.2
-75°	201.4	226.0	251.2	273.7	285.2	289.7	293.5	304.6	336.2	376.4	412.0
-77.5°	156.8	178.3	198.8	218.4	226.5	229.7	231.2	231.2	254.5	288.7	324.7
-80°	115.5	130.4	147.8	164.6	169.6	171.0	171.3	170.2	189.3	213.9	240.3
-82.5°	80.3	91.0	102.1	113.5	115.0	114.2	112.6	110.9	126.3	144.1	162.4
-85°	46.8	51.3	58.0	65.0	65.8	65.5	64.3	62.3	70.9	80.5	90.8
-87.5°	23.4	25.7	27.9	30.2	29.4	28.2	26.7	24.8	27.2	29.7	32.3
-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: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	2.0	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.5	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.5	1.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.5	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.5	2.0	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.5	2.1	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.5	2.2	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	3.2	3.1	2.2	2.1	2.3	2.5	2.0	1.8	1.7	1.8	2.0
60°	14.1	8.1	8.2	10.5	8.9	4.1	8.2	10.4	9.7	7.3	6.4
57.5°	71.9	60.2	42.1	70.5	72.6	50.6	54.9	71.6	69.5	53.7	53.5
55°	181.2	183.8	197.3	215.1	228.4	234.5	239.9	266.8	295.5	323.7	337.8
52.5°	299.2	334.2	377.7	406.6	426.7	467.9	525.6	552.2	578.0	607.3	628.5
50°	440.7	501.5	545.2	551.6	620.2	664.8	675.2	725.0	779.2	812.9	837.1
47.5°	655.6	732.5	770.6	795.0	878.5	970.1	970.2	998.8	1134.4	1205.4	1239.6
45°	944.2	1008.4	1075.8	1250.8	1411.7	1462.8	1572.0	1720.1	1816.3	1948.6	2094.2
42.5°	1190.2	1310.6	1479.3	1672.0	1833.3	1967.6	2129.9	2307.8	2521.5	2722.5	2895.9
40°	1433.5	1582.5	1791.5	2001.1	2204.2	2390.2	2651.9	2880.7	3132.9	3409.3	3639.7
37.5°	1750.9	1941.8	2157.7	2422.0	2738.2	2944.7	3304.6	3633.4	3917.4	4251.3	4456.9
35°	2238.5	2487.3	2678.4	3212.7	3597.3	3838.8	4264.9	4805.3	5012.7	5433.2	5632.7
32.5°	2851.5	3182.1	3685.3	4392.8	4906.3	5351.0	5987.9	6536.2	7003.6	7425.8	7865.1
30°	3540.3	4050.5	4792.2	5732.3	6253.8	6876.7	7738.0	8388.1	9121.1	9925.5	10207.3
27.5°	4165.4	4929.5	5790.6	6552.1	7301.3	8077.0	8923.4	9758.5	10551.8	11221.2	11670.4
25°	4744.7	5670.1	6507.0	7320.8	8132.5	9006.2	9963.4	10910.6	11783.5	12472.3	12996.1
22.5°	5342.3	6320.0	7215.3	8041.1	8985.2	9975.2	10993.2	12079.6	13073.0	13787.7	14358.2
20°	5904.1	6991.5	8012.8	8952.9	9845.5	10988.3	12160.5	13313.0	14394.7	15246.0	15903.8
17.5°	6795.9	7739.9	8988.1	10209.4	11214.9	12264.7	13831.1	15020.5	16221.0	17240.4	17937.8
15°	7891.1	8929.1	10218.0	11895.2	13273.0	14475.9	16094.1	18028.9	19444.9	20746.3	21639.1
12.5°	8987.2	10161.3	11555.3	13442.9	15404.5	16821.4	18784.5	21236.3	22885.6	24900.5	25893.8
10°	9827.3	11301.6	12737.2	14459.8	16343.6	18361.3	20477.5	22771.3	24975.1	26705.2	28251.9
7.5°	10165.6	11735.9	13397.8	15155.4	17039.0	19121.4	21376.9	23763.7	26031.7	27964.3	29663.9
5°	10418.4	12027.4	13700.3	15497.4	17511.0	19685.6	21974.7	24480.7	26796.8	28868.1	30607.0
2.5°	10579.0	12203.2	13868.8	15695.9	17813.8	20052.9	22415.6	24987.9	27338.9	29471.1	31204.4
0°	10640.6	12241.2	13947.1	15828.2	17924.8	20169.1	22633.9	25236.5	27606.0	29667.5	31451.0
-2.5°	10649.0	12205.8	13952.2	15824.1	17830.1	20095.5	22590.1	25170.9	27492.4	29545.6	31345.0
-5°	10565.4	12121.6	13869.5	15713.2	17722.0	19970.3	22357.7	24851.7	27065.7	29064.0	30796.4
-7.5°	10396.0	11947.8	13657.1	15458.5	17413.2	19594.0	21887.0	24205.7	26377.7	28294.2	29947.5
-10°	10144.5	11663.8	13313.9	15069.0	16918.6	18992.9	21179.4	23394.7	25431.6	27203.9	28732.8
-12.5°	9804.1	11288.2	12864.0	14539.6	16261.2	18238.8	20303.4	22383.7	24240.3	25858.2	27230.0
-15°	9361.9	10811.4	12337.2	13921.8	15591.3	17379.8	19232.6	21140.8	22853.0	24287.9	25541.1
-17.5°	8841.0	10246.8	11695.8	13164.8	14748.9	16426.8	18146.8	19859.7	21320.0	22594.8	23740.7
-20°	8260.2	9614.7	10991.1	12360.6	13797.8	15349.6	16938.1	18442.7	19718.9	20877.2	21925.7



REPORT NUMBER: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	7609.1	8905.6	10224.8	11506.4	12802.5	14207.6	15626.2	16986.9	18180.6	19171.4	20082.6
-25°	6912.1	8110.1	9355.8	10557.4	11750.3	13009.5	14298.0	15549.9	16600.5	17460.8	18213.7
-27.5°	6209.7	7304.4	8402.0	9533.2	10635.8	11797.8	12964.4	14045.7	14988.9	15780.9	16413.6
-30°	5471.5	6450.1	7452.5	8476.0	9528.8	10592.1	11646.2	12593.0	13416.4	14113.0	14659.8
-32.5°	4857.9	5601.4	6486.3	7415.5	8402.4	9371.2	10288.1	11151.1	11927.0	12535.3	12999.0
-35°	4269.9	4899.5	5562.2	6384.7	7232.6	8124.1	8967.5	9737.8	10429.4	10960.9	11397.2
-37.5°	3764.4	4262.3	4822.8	5409.9	6120.8	6857.9	7619.1	8343.4	8960.2	9423.8	9813.5
-40°	3326.8	3719.9	4167.8	4633.2	5156.3	5685.8	6348.6	6959.9	7463.3	7896.7	8249.7
-42.5°	2931.2	3263.0	3593.7	3975.5	4370.1	4795.7	5260.9	5713.1	6099.4	6462.2	6762.0
-45°	2589.8	2854.7	3118.4	3413.3	3703.0	4049.2	4381.4	4678.0	4990.9	5262.5	5476.3
-47.5°	2291.2	2497.8	2723.8	2944.5	3177.1	3437.8	3685.1	3910.7	4140.0	4338.6	4497.9
-50°	2025.8	2197.0	2381.6	2555.0	2743.1	2933.8	3116.7	3296.2	3470.3	3621.4	3739.0
-52.5°	1793.5	1943.1	2086.8	2225.0	2374.7	2515.8	2648.2	2796.3	2932.5	3051.6	3132.0
-55°	1595.7	1718.0	1835.7	1951.0	2064.2	2171.2	2276.8	2391.8	2496.9	2591.5	2651.4
-57.5°	1410.0	1514.1	1613.8	1708.0	1797.7	1882.8	1971.7	2060.1	2141.1	2212.5	2258.8
-60°	1241.0	1326.0	1412.3	1489.2	1561.6	1629.6	1704.4	1775.2	1840.5	1895.5	1927.5
-62.5°	1086.3	1162.5	1226.2	1286.9	1348.6	1409.8	1463.0	1515.2	1565.6	1608.2	1636.1
-65°	924.4	989.0	1043.2	1092.1	1136.2	1183.6	1229.0	1269.9	1306.3	1334.0	1351.7
-67.5°	779.6	827.2	870.6	909.4	948.8	986.8	1021.6	1052.8	1080.1	1099.4	1112.1
-70°	653.8	690.1	725.7	761.0	796.1	825.7	851.0	874.2	895.2	904.0	907.9
-72.5°	543.3	575.5	606.7	637.9	667.1	690.2	708.8	725.8	741.2	728.0	704.9
-75°	443.1	471.5	500.6	528.1	553.9	571.5	585.3	598.0	609.6	581.0	541.5
-77.5°	361.1	386.0	407.6	429.1	450.3	461.5	470.3	478.9	487.1	455.1	414.7
-80°	267.9	288.0	306.3	324.4	342.1	348.8	352.6	355.3	356.7	329.4	297.7
-82.5°	181.0	191.4	201.5	212.0	222.7	228.4	232.6	235.9	238.3	218.8	196.9
-85°	101.4	104.6	107.0	109.1	110.8	114.4	117.8	120.9	123.8	114.6	104.4
-87.5°	34.9	34.9	34.7	34.5	34.1	34.2	34.2	34.1	33.9	32.4	30.9
-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: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.7	1.8
60°	4.9	3.0	2.5	2.5	2.5	3.0	4.9	6.4	7.3	9.7	10.4
57.5°	49.9	43.5	39.0	35.1	39.0	43.5	49.9	53.5	53.7	69.5	71.6
55°	331.7	308.9	280.9	248.0	280.9	308.9	331.7	337.8	323.7	295.5	266.8
52.5°	650.8	672.5	684.9	683.8	684.9	672.5	650.8	628.5	607.3	578.0	552.2
50°	856.6	868.4	869.0	859.2	869.0	868.4	856.6	837.1	812.9	779.2	725.0
47.5°	1255.0	1238.5	1210.3	1179.8	1210.3	1238.5	1255.0	1239.6	1205.4	1134.4	998.8
45°	2189.9	2242.7	2239.3	2171.7	2239.3	2242.7	2189.9	2094.2	1948.6	1816.3	1720.1
42.5°	2992.8	3071.8	3127.7	3156.1	3127.7	3071.8	2992.8	2895.9	2722.5	2521.5	2307.8
40°	3769.5	3845.8	3879.4	3877.5	3879.4	3845.8	3769.5	3639.7	3409.3	3132.9	2880.7
37.5°	4590.3	4689.1	4737.0	4714.1	4737.0	4689.1	4590.3	4456.9	4251.3	3917.4	3633.4
35°	5719.0	5811.5	5813.2	5766.2	5813.2	5811.5	5719.0	5632.7	5433.2	5012.7	4805.3
32.5°	8213.8	8244.7	8007.1	7922.9	8007.1	8244.7	8213.8	7865.1	7425.8	7003.6	6536.2
30°	10487.7	10707.0	10911.0	11013.9	10911.0	10707.0	10487.7	10207.3	9925.5	9121.1	8388.1
27.5°	12009.1	12272.8	12436.2	12446.6	12436.2	12272.8	12009.1	11670.4	11221.2	10551.8	9758.5
25°	13392.8	13687.8	13866.0	13927.0	13866.0	13687.8	13392.8	12996.1	12472.3	11783.5	10910.6
22.5°	14842.4	15190.1	15420.4	15467.5	15420.4	15190.1	14842.4	14358.2	13787.7	13073.0	12079.6
20°	16524.4	16929.0	17149.8	17140.7	17149.8	16929.0	16524.4	15903.8	15246.0	14394.7	13313.0
17.5°	18738.7	19172.6	19363.3	19279.9	19363.3	19172.6	18738.7	17937.8	17240.4	16221.0	15020.5
15°	22555.5	23463.2	23459.6	23097.3	23459.6	23463.2	22555.5	21639.1	20746.3	19444.9	18028.9
12.5°	27263.6	27940.1	28634.1	28783.3	28634.1	27940.1	27263.6	25893.8	24900.5	22885.6	21236.3
10°	29554.5	30452.9	31045.9	31030.2	31045.9	30452.9	29554.5	28251.9	26705.2	24975.1	22771.3
7.5°	30987.9	31980.3	32698.9	32683.4	32698.9	31980.3	30987.9	29663.9	27964.3	26031.7	23763.7
5°	32093.9	33194.7	33831.1	33878.2	33831.1	33194.7	32093.9	30607.0	28868.1	26796.8	24480.7
2.5°	32668.5	33817.5	34582.7	34481.9	34582.7	33817.5	32668.5	31204.4	29471.1	27338.9	24987.9
0°	32908.8	34046.0	34759.9	35068.0	34759.9	34046.0	32908.8	31451.0	29667.5	27606.0	25236.5
-2.5°	32803.9	33910.5	34699.4	34729.9	34699.4	33910.5	32803.9	31345.0	29545.6	27492.4	25170.9
-5°	32241.8	33409.5	33938.1	34218.9	33938.1	33409.5	32241.8	30796.4	29064.0	27065.7	24851.7
-7.5°	31335.4	32210.4	32881.9	33191.9	32881.9	32210.4	31335.4	29947.5	28294.2	26377.7	24205.7
-10°	29924.7	30830.6	31398.0	31653.9	31398.0	30830.6	29924.7	28732.8	27203.9	25431.6	23394.7
-12.5°	28361.9	29185.2	29724.7	29940.6	29724.7	29185.2	28361.9	27230.0	25858.2	24240.3	22383.7
-15°	26618.3	27365.8	27862.4	28069.4	27862.4	27365.8	26618.3	25541.1	24287.9	22853.0	21140.8
-17.5°	24699.0	25354.0	25848.7	25997.9	25848.7	25354.0	24699.0	23740.7	22594.8	21320.0	19859.7
-20°	22725.3	23317.5	23725.0	23813.7	23725.0	23317.5	22725.3	21925.7	20877.2	19718.9	18442.7



REPORT NUMBER: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	20736.7	21224.5	21555.5	21667.0	21555.5	21224.5	20736.7	20082.6	19171.4	18180.6	16986.9
-25°	18793.3	19214.4	19480.8	19580.5	19480.8	19214.4	18793.3	18213.7	17460.8	16600.5	15549.9
-27.5°	16924.2	17316.6	17561.4	17594.1	17561.4	17316.6	16924.2	16413.6	15780.9	14988.9	14045.7
-30°	15085.0	15409.3	15597.9	15677.9	15597.9	15409.3	15085.0	14659.8	14113.0	13416.4	12593.0
-32.5°	13366.4	13649.6	13819.1	13864.4	13819.1	13649.6	13366.4	12999.0	12535.3	11927.0	11151.1
-35°	11743.9	12005.4	12155.7	12143.6	12155.7	12005.4	11743.9	11397.2	10960.9	10429.4	9737.8
-37.5°	10135.5	10376.8	10513.1	10500.4	10513.1	10376.8	10135.5	9813.5	9423.8	8960.2	8343.4
-40°	8540.0	8748.2	8868.2	8897.3	8868.2	8748.2	8540.0	8249.7	7896.7	7463.3	6959.9
-42.5°	7011.3	7203.4	7299.5	7261.6	7299.5	7203.4	7011.3	6762.0	6462.2	6099.4	5713.1
-45°	5625.8	5725.2	5790.6	5831.3	5790.6	5725.2	5625.8	5476.3	5262.5	4990.9	4678.0
-47.5°	4614.6	4696.9	4741.4	4749.2	4741.4	4696.9	4614.6	4497.9	4338.6	4140.0	3910.7
-50°	3830.4	3900.5	3931.5	3922.6	3931.5	3900.5	3830.4	3739.0	3621.4	3470.3	3296.2
-52.5°	3189.9	3230.5	3258.0	3271.3	3258.0	3230.5	3189.9	3132.0	3051.6	2932.5	2796.3
-55°	2696.4	2728.1	2746.6	2752.8	2746.6	2728.1	2696.4	2651.4	2591.5	2496.9	2391.8
-57.5°	2297.4	2327.6	2338.5	2334.5	2338.5	2327.6	2297.4	2258.8	2212.5	2141.1	2060.1
-60°	1952.1	1969.3	1982.2	1988.9	1982.2	1969.3	1952.1	1927.5	1895.5	1840.5	1775.2
-62.5°	1658.4	1674.5	1688.0	1695.8	1688.0	1674.5	1658.4	1636.1	1608.2	1565.6	1515.2
-65°	1364.1	1371.2	1373.3	1370.2	1373.3	1371.2	1364.1	1351.7	1334.0	1306.3	1269.9
-67.5°	1121.6	1127.5	1131.6	1132.2	1131.6	1127.5	1121.6	1112.1	1099.4	1080.1	1052.8
-70°	911.8	914.3	911.4	904.3	911.4	914.3	911.8	907.9	904.0	895.2	874.2
-72.5°	681.1	656.2	631.3	603.7	631.3	656.2	681.1	704.9	728.0	741.2	725.8
-75°	500.7	458.5	443.1	428.3	443.1	458.5	500.7	541.5	581.0	609.6	598.0
-77.5°	372.4	328.4	316.7	305.6	316.7	328.4	372.4	414.7	455.1	487.1	478.9
-80°	264.6	230.3	222.7	215.4	222.7	230.3	264.6	297.7	329.4	356.7	355.3
-82.5°	173.9	150.0	145.2	140.3	145.2	150.0	173.9	196.9	218.8	238.3	235.9
-85°	93.6	82.4	80.1	77.7	80.1	82.4	93.6	104.4	114.6	123.8	120.9
-87.5°	29.2	27.5	27.6	27.6	27.6	27.5	29.2	30.9	32.4	33.9	34.1
-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: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	0.6	1.1	1.6	2.0	2.0	1.9	1.8	1.8
85°	0.0	0.0	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5
82.5°	0.0	0.0	0.0	0.7	1.3	1.9	2.5	2.5	2.5	2.5	2.5
80°	0.0	0.0	0.1	0.7	1.3	2.0	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.0	0.1	0.8	1.4	2.0	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.0	0.2	0.8	1.5	2.1	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.0	0.2	0.7	1.5	2.2	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.4	2.1	2.4	2.5	2.5
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.9	2.5	2.5
65°	0.6	0.5	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	2.5
62.5°	2.0	2.5	2.3	2.1	2.2	3.1	3.2	3.4	3.1	3.8	5.7
60°	8.2	4.1	8.9	10.5	8.2	8.1	14.1	13.3	5.1	18.7	22.7
57.5°	54.9	50.6	72.6	70.5	42.1	60.2	71.9	48.2	33.5	53.3	64.3
55°	239.9	234.5	228.4	215.1	197.3	183.8	181.2	180.8	143.6	104.1	118.1
52.5°	525.6	467.9	426.7	406.6	377.7	334.2	299.2	292.3	283.5	234.7	193.8
50°	675.2	664.8	620.2	551.6	545.2	501.5	440.7	398.7	393.3	359.8	298.1
47.5°	970.2	970.1	878.5	795.0	770.6	732.5	655.6	542.3	532.0	503.4	434.6
45°	1572.0	1462.8	1411.7	1250.8	1075.8	1008.4	944.2	808.0	696.7	653.0	604.4
42.5°	2129.9	1967.6	1833.3	1672.0	1479.3	1310.6	1190.2	1040.5	906.0	812.9	743.5
40°	2651.9	2390.2	2204.2	2001.1	1791.5	1582.5	1433.5	1245.3	1092.0	967.1	893.7
37.5°	3304.6	2944.7	2738.2	2422.0	2157.7	1941.8	1750.9	1511.4	1265.1	1163.4	1072.3
35°	4264.9	3838.8	3597.3	3212.7	2678.4	2487.3	2238.5	1879.9	1568.2	1394.1	1281.5
32.5°	5987.9	5351.0	4906.3	4392.8	3685.3	3182.1	2851.5	2452.6	1953.3	1702.7	1516.1
30°	7738.0	6876.7	6253.8	5732.3	4792.2	4050.5	3540.3	2975.7	2437.5	2030.6	1777.1
27.5°	8923.4	8077.0	7301.3	6552.1	5790.6	4929.5	4165.4	3440.3	2852.0	2397.0	2069.5
25°	9963.4	9006.2	8132.5	7320.8	6507.0	5670.1	4744.7	3930.0	3239.2	2718.8	2291.3
22.5°	10993.2	9975.2	8985.2	8041.1	7215.3	6320.0	5342.3	4404.8	3610.9	3071.9	2558.2
20°	12160.5	10988.3	9845.5	8952.9	8012.8	6991.5	5904.1	5010.4	4232.5	3493.9	2850.2
17.5°	13831.1	12264.7	11214.9	10209.4	8988.1	7739.9	6795.9	5858.9	4901.0	3939.8	3156.4
15°	16094.1	14475.9	13273.0	11895.2	10218.0	8929.1	7891.1	6753.3	5618.7	4467.6	3521.0
12.5°	18784.5	16821.4	15404.5	13442.9	11555.3	10161.3	8987.2	7713.7	6319.9	4944.7	3860.1
10°	20477.5	18361.3	16343.6	14459.8	12737.2	11301.6	9827.3	8272.1	6721.9	5304.6	4153.4
7.5°	21376.9	19121.4	17039.0	15155.4	13397.8	11735.9	10165.6	8599.5	7045.2	5585.9	4401.4
5°	21974.7	19685.6	17511.0	15497.4	13700.3	12027.4	10418.4	8821.2	7288.4	5793.2	4604.0
2.5°	22415.6	20052.9	17813.8	15695.9	13868.8	12203.2	10579.0	8950.5	7415.3	5904.3	4674.7
0°	22633.9	20169.1	17924.8	15828.2	13947.1	12241.2	10640.6	8997.5	7444.4	5951.5	4704.1
-2.5°	22590.1	20095.5	17830.1	15824.1	13952.2	12205.8	10649.0	9022.9	7452.5	5986.9	4724.9
-5°	22357.7	19970.3	17722.0	15713.2	13869.5	12121.6	10565.4	8967.7	7394.1	5958.8	4705.2
-7.5°	21887.0	19594.0	17413.2	15458.5	13657.1	11947.8	10396.0	8832.3	7275.7	5861.6	4646.4
-10°	21179.4	18992.9	16918.6	15069.0	13313.9	11663.8	10144.5	8603.5	7080.3	5701.9	4544.7
-12.5°	20303.4	18238.8	16261.2	14539.6	12864.0	11288.2	9804.1	8280.9	6808.6	5480.2	4399.6
-15°	19232.6	17379.8	15591.3	13921.8	12337.2	10811.4	9361.9	7879.2	6463.3	5194.7	4211.3
-17.5°	18146.8	16426.8	14748.9	13164.8	11695.8	10246.8	8841.0	7432.7	6077.8	4886.8	3990.8
-20°	16938.1	15349.6	13797.8	12360.6	10991.1	9614.7	8260.2	6905.8	5636.5	4598.6	3795.6



REPORT NUMBER: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	15626.2	14207.6	12802.5	11506.4	10224.8	8905.6	7609.1	6330.6	5126.4	4275.4	3574.3
-25°	14298.0	13009.5	11750.3	10557.4	9355.8	8110.1	6912.1	5744.9	4749.2	3970.4	3335.5
-27.5°	12964.4	11797.8	10635.8	9533.2	8402.0	7304.4	6209.7	5151.6	4340.9	3678.6	3112.8
-30°	11646.2	10592.1	9528.8	8476.0	7452.5	6450.1	5471.5	4670.0	3965.2	3366.8	2863.6
-32.5°	10288.1	9371.2	8402.4	7415.5	6486.3	5601.4	4857.9	4182.5	3573.3	3079.6	2641.9
-35°	8967.5	8124.1	7232.6	6384.7	5562.2	4899.5	4269.9	3717.5	3230.3	2793.2	2420.8
-37.5°	7619.1	6857.9	6120.8	5409.9	4822.8	4262.3	3764.4	3313.3	2892.4	2544.6	2224.1
-40°	6348.6	5685.8	5156.3	4633.2	4167.8	3719.9	3326.8	2939.3	2614.3	2308.2	2032.3
-42.5°	5260.9	4795.7	4370.1	3975.5	3593.7	3263.0	2931.2	2629.7	2346.0	2089.5	1860.3
-45°	4381.4	4049.2	3703.0	3413.3	3118.4	2854.7	2589.8	2341.3	2103.0	1893.7	1690.5
-47.5°	3685.1	3437.8	3177.1	2944.5	2723.8	2497.8	2291.2	2077.1	1892.2	1705.9	1536.4
-50°	3116.7	2933.8	2743.1	2555.0	2381.6	2197.0	2025.8	1857.3	1694.6	1540.0	1385.8
-52.5°	2648.2	2515.8	2374.7	2225.0	2086.8	1943.1	1793.5	1658.0	1517.8	1381.6	1246.7
-55°	2276.8	2171.2	2064.2	1951.0	1835.7	1718.0	1595.7	1474.0	1353.4	1229.3	1127.5
-57.5°	1971.7	1882.8	1797.7	1708.0	1613.8	1514.1	1410.0	1301.2	1202.5	1108.8	1016.4
-60°	1704.4	1629.6	1561.6	1489.2	1412.3	1326.0	1241.0	1155.6	1070.1	988.6	909.3
-62.5°	1463.0	1409.8	1348.6	1286.9	1226.2	1162.5	1086.3	1010.9	938.4	868.5	803.1
-65°	1229.0	1183.6	1136.2	1092.1	1043.2	989.0	924.4	865.5	808.6	751.1	697.0
-67.5°	1021.6	986.8	948.8	909.4	870.6	827.2	779.6	730.7	685.1	638.0	597.6
-70°	851.0	825.7	796.1	761.0	725.7	690.1	653.8	615.4	573.9	531.6	499.1
-72.5°	708.8	690.2	667.1	637.9	606.7	575.5	543.3	509.2	472.6	433.4	402.2
-75°	585.3	571.5	553.9	528.1	500.6	471.5	443.1	412.0	376.4	336.2	304.6
-77.5°	470.3	461.5	450.3	429.1	407.6	386.0	361.1	324.7	288.7	254.5	231.2
-80°	352.6	348.8	342.1	324.4	306.3	288.0	267.9	240.3	213.9	189.3	170.2
-82.5°	232.6	228.4	222.7	212.0	201.5	191.4	181.0	162.4	144.1	126.3	110.9
-85°	117.8	114.4	110.8	109.1	107.0	104.6	101.4	90.8	80.5	70.9	62.3
-87.5°	34.2	34.2	34.1	34.5	34.7	34.9	34.9	32.3	29.7	27.2	24.8
-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: P627712 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	3.1	3.2	2.5	2.5
65°	2.5	2.5	2.6	3.7	3.4	2.5	2.5	4.8	4.1	3.6	2.5
62.5°	4.9	2.5	6.5	8.7	5.6	4.5	3.7	10.4	6.7	4.8	3.4
60°	11.3	9.2	17.5	26.7	19.3	7.5	11.0	17.9	16.6	6.0	4.7
57.5°	58.0	26.4	39.1	50.9	48.5	27.3	22.1	30.7	27.9	16.3	6.5
55°	120.3	102.3	81.4	80.9	81.9	64.8	46.1	47.6	42.1	29.9	9.5
52.5°	182.8	177.2	157.8	128.5	118.0	106.6	87.2	67.4	62.5	44.7	23.5
50°	260.6	246.4	231.0	201.0	162.9	148.0	128.0	102.9	85.2	62.5	38.9
47.5°	349.6	324.8	301.6	272.7	231.0	191.6	169.3	139.7	110.1	85.8	54.5
45°	488.5	407.9	376.5	342.9	300.1	251.0	212.4	175.9	142.5	109.2	70.2
42.5°	631.1	519.0	453.2	415.4	370.6	315.2	257.1	216.2	174.6	132.6	88.7
40°	774.7	635.9	536.3	489.0	443.4	379.3	314.1	258.2	205.9	156.9	108.9
37.5°	929.9	766.8	632.0	565.6	517.5	448.2	372.1	301.2	238.2	183.1	128.9
35°	1123.0	921.9	736.2	654.1	589.6	518.6	429.3	347.8	276.6	209.5	148.6
32.5°	1340.1	1093.1	885.5	750.7	662.8	590.2	490.4	400.4	316.2	236.0	168.0
30°	1556.0	1269.4	1027.1	846.3	740.7	657.2	555.4	453.4	356.5	262.3	187.7
27.5°	1720.8	1421.5	1159.7	961.2	826.9	724.0	620.2	506.5	397.6	291.4	209.2
25°	1889.1	1562.4	1288.3	1073.7	911.4	792.1	682.5	559.7	441.2	324.8	230.3
22.5°	2085.7	1696.1	1396.9	1175.3	1000.9	861.2	742.0	613.6	485.4	357.9	250.8
20°	2278.0	1819.5	1496.7	1293.9	1098.7	938.4	800.3	665.0	528.6	390.4	270.6
17.5°	2475.2	1992.7	1662.4	1416.6	1199.6	1014.7	857.9	713.7	570.6	422.1	289.6
15°	2772.4	2224.3	1829.6	1537.9	1297.3	1089.4	914.3	759.6	611.0	452.7	306.5
12.5°	3052.4	2442.4	1991.7	1656.3	1391.0	1161.9	969.1	802.6	649.6	478.1	320.7
10°	3300.0	2645.3	2147.0	1770.7	1480.0	1231.5	1021.5	836.4	672.4	498.4	333.3
7.5°	3515.4	2831.6	2293.5	1879.4	1556.0	1278.6	1048.2	854.0	689.8	516.2	344.4
5°	3680.2	2958.2	2374.0	1922.8	1584.5	1300.1	1067.3	868.3	703.7	531.4	353.9
2.5°	3734.7	3000.5	2405.8	1947.3	1605.3	1315.6	1082.0	879.2	714.1	543.9	361.9
0°	3759.8	3020.9	2422.2	1961.3	1618.1	1325.1	1092.1	886.7	721.4	553.6	368.2
-2.5°	3787.5	3048.7	2445.2	1983.1	1631.6	1338.0	1102.8	898.4	731.8	564.4	378.8
-5°	3785.5	3053.9	2452.6	1993.7	1636.9	1345.0	1109.0	906.8	739.3	572.3	387.7
-7.5°	3745.5	3030.2	2443.2	1991.6	1633.9	1345.8	1110.7	911.7	743.9	577.3	394.7
-10°	3673.9	2981.0	2415.7	1973.5	1623.2	1339.9	1108.0	913.2	745.8	579.5	399.6
-12.5°	3573.1	2911.1	2371.4	1944.0	1603.9	1327.3	1099.9	909.0	744.6	578.8	402.5
-15°	3443.6	2821.0	2310.2	1903.2	1576.0	1308.6	1086.9	900.2	738.2	574.6	403.1
-17.5°	3287.0	2711.7	2232.2	1851.1	1539.5	1283.9	1069.0	888.0	729.4	567.2	402.3
-20°	3141.6	2596.5	2142.1	1787.9	1494.3	1253.0	1046.2	872.4	718.4	557.9	400.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2979.1	2476.9	2062.3	1727.4	1446.5	1216.3	1018.4	853.5	705.3	546.9	396.8
-25°	2793.1	2341.4	1971.1	1660.0	1400.0	1181.1	990.0	831.2	690.3	534.4	391.5
-27.5°	2618.3	2201.6	1868.9	1582.2	1346.3	1140.6	961.8	810.7	672.9	520.5	384.5
-30°	2440.0	2079.8	1771.0	1500.7	1287.0	1095.4	930.1	788.7	653.4	508.2	376.0
-32.5°	2258.7	1947.2	1666.0	1430.2	1229.6	1046.8	895.5	765.0	633.0	496.1	368.9
-35°	2102.9	1816.7	1553.4	1354.3	1170.8	1005.4	861.0	739.9	611.9	482.3	361.2
-37.5°	1937.1	1684.2	1465.6	1278.9	1107.8	960.2	827.9	710.4	590.3	467.0	351.9
-40°	1788.7	1560.7	1371.2	1206.0	1051.0	911.4	791.0	678.8	570.0	450.1	341.1
-42.5°	1637.5	1448.4	1279.1	1127.5	994.0	866.6	750.9	645.3	543.8	434.4	328.6
-45°	1505.1	1333.3	1183.8	1056.3	934.4	817.8	711.5	610.4	515.7	418.4	315.6
-47.5°	1368.2	1222.5	1094.9	981.9	875.7	767.2	670.2	578.0	486.6	400.4	302.4
-50°	1240.6	1117.5	1011.3	910.0	811.0	719.8	628.7	544.7	460.1	376.9	287.5
-52.5°	1127.1	1024.5	930.0	837.8	752.7	670.4	591.6	510.9	432.4	353.5	270.9
-55°	1026.8	935.3	850.2	770.6	694.4	626.3	553.7	479.0	403.6	329.3	253.3
-57.5°	930.8	848.4	776.1	705.2	640.3	581.0	516.6	446.0	374.6	303.9	237.6
-60°	834.2	767.9	703.6	644.1	587.9	534.2	479.5	412.0	344.5	277.9	218.6
-62.5°	741.7	686.1	636.6	584.2	532.8	485.4	441.1	376.9	313.1	252.1	197.6
-65°	650.8	608.2	568.3	519.1	474.4	434.9	398.1	340.4	280.1	224.6	175.6
-67.5°	560.9	525.8	490.1	450.2	417.0	384.8	352.2	300.0	245.2	195.7	153.5
-70°	470.1	440.4	414.9	389.5	361.9	333.5	301.0	256.5	208.5	168.3	130.5
-72.5°	381.1	362.9	347.7	329.8	306.4	279.5	249.0	212.7	175.4	140.1	106.9
-75°	293.5	289.7	285.2	273.7	251.2	226.0	201.4	173.6	141.5	111.1	87.1
-77.5°	231.2	229.7	226.5	218.4	198.8	178.3	156.8	133.5	109.1	88.3	68.4
-80°	171.3	171.0	169.6	164.6	147.8	130.4	115.5	100.6	82.7	65.7	49.4
-82.5°	112.6	114.2	115.0	113.5	102.1	91.0	80.3	69.6	55.8	42.7	33.0
-85°	64.3	65.5	65.8	65.0	58.0	51.3	46.8	42.2	34.9	28.2	22.1
-87.5°	26.7	28.2	29.4	30.2	27.9	25.7	23.4	21.2	17.5	14.1	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
70°	2.5	2.5	2.5	2.5	1.7	0.9	0.0
67.5°	2.7	2.5	2.5	2.5	1.9	1.0	0.0
65°	3.0	2.8	2.5	2.5	2.1	1.1	0.0
62.5°	3.4	3.4	2.5	2.5	2.3	1.2	0.0
60°	3.9	4.0	2.5	2.5	2.5	1.2	0.0
57.5°	6.8	4.7	3.2	2.5	2.5	1.3	0.0
55°	10.4	5.5	4.0	2.5	2.6	1.4	0.0
52.5°	14.5	6.9	4.8	2.5	2.6	1.5	0.0
50°	19.1	11.3	5.6	2.5	2.7	1.6	0.0
47.5°	25.5	15.9	6.5	2.7	2.7	1.7	0.0
45°	39.0	20.8	7.4	3.4	2.8	1.8	0.0
42.5°	52.5	26.0	8.3	4.1	2.9	1.8	0.0
40°	66.0	31.5	10.9	4.9	3.0	1.9	0.0
37.5°	79.3	37.3	15.2	6.0	3.1	2.0	0.0
35°	92.5	46.3	19.6	7.2	3.2	2.0	0.0
32.5°	106.5	56.8	23.9	8.5	3.3	2.1	0.0
30°	122.2	66.9	28.3	9.8	3.4	2.2	0.0
27.5°	137.4	76.8	33.4	11.2	3.5	2.2	0.0
25°	152.0	86.3	38.5	12.7	3.7	2.3	0.0
22.5°	166.0	95.6	43.4	14.3	3.8	2.3	0.0
20°	179.4	104.6	48.1	15.8	3.9	2.3	0.0
17.5°	191.8	113.1	52.7	17.4	4.1	2.4	0.0
15°	203.2	121.0	57.1	19.0	4.2	2.4	0.0
12.5°	213.6	128.4	61.3	20.6	4.4	2.4	0.0
10°	223.0	135.1	65.2	22.1	4.5	2.5	0.0
7.5°	231.5	141.2	68.8	23.6	4.6	2.5	0.0
5°	238.9	146.6	72.1	25.0	4.8	2.5	0.0
2.5°	245.2	151.3	75.1	26.4	4.9	2.5	0.0
0°	250.5	155.3	77.7	27.6	5.0	2.5	0.0
-2.5°	257.3	160.2	81.2	29.3	5.8	2.7	0.0
-5°	263.0	164.3	84.4	30.9	6.5	2.8	0.0
-7.5°	267.4	167.6	87.0	32.4	7.2	3.0	0.0
-10°	270.6	170.1	89.2	33.6	7.9	3.1	0.0
-12.5°	272.5	171.8	90.9	34.7	8.6	3.2	0.0
-15°	273.1	172.6	91.9	35.6	9.2	3.4	0.0
-17.5°	272.3	172.5	92.4	36.3	9.8	3.5	0.0
-20°	271.5	171.5	92.3	36.7	10.3	3.6	0.0

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CATALOG NUMBER: GFLD-SA5D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	271.6	169.6	91.6	37.0	10.7	3.6	0.0
-25°	270.4	169.0	90.1	36.9	11.1	3.7	0.0
-27.5°	267.8	168.2	88.1	36.7	11.5	3.8	0.0
-30°	263.9	166.5	85.5	36.1	11.8	3.8	0.0
-32.5°	258.6	163.6	84.5	35.4	11.9	3.8	0.0
-35°	253.5	159.6	82.7	34.3	12.1	3.8	0.0
-37.5°	247.8	155.4	80.2	33.0	12.1	3.8	0.0
-40°	240.6	151.6	77.0	31.5	12.1	3.8	0.0
-42.5°	232.1	146.8	74.7	30.0	12.0	3.7	0.0
-45°	222.2	141.1	73.2	28.9	11.8	3.6	0.0
-47.5°	211.0	134.4	71.0	27.3	11.5	3.6	0.0
-50°	201.2	126.8	68.0	26.8	11.1	3.5	0.0
-52.5°	190.6	118.3	64.3	26.4	10.7	3.3	0.0
-55°	178.8	111.3	59.9	25.7	10.2	3.2	0.0
-57.5°	165.9	103.8	54.7	24.7	9.6	3.0	0.0
-60°	152.2	95.2	49.0	23.4	9.0	2.9	0.0
-62.5°	138.8	85.6	45.6	21.7	8.4	2.7	0.0
-65°	124.2	75.1	41.7	19.8	7.9	2.5	0.0
-67.5°	108.3	65.8	37.3	17.6	7.2	2.3	0.0
-70°	91.4	57.7	32.5	15.2	6.5	2.1	0.0
-72.5°	77.7	49.0	27.2	13.4	5.8	1.8	0.0
-75°	63.8	39.7	21.6	11.7	5.0	1.6	0.0
-77.5°	49.2	29.9	17.9	9.9	4.2	1.3	0.0
-80°	34.0	22.9	14.5	8.0	3.4	1.1	0.0
-82.5°	25.0	17.3	11.0	6.1	2.6	0.8	0.0
-85°	16.8	11.6	7.4	4.1	1.7	0.5	0.0
-87.5°	8.4	5.8	3.7	2.0	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)