

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: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-740-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N147
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

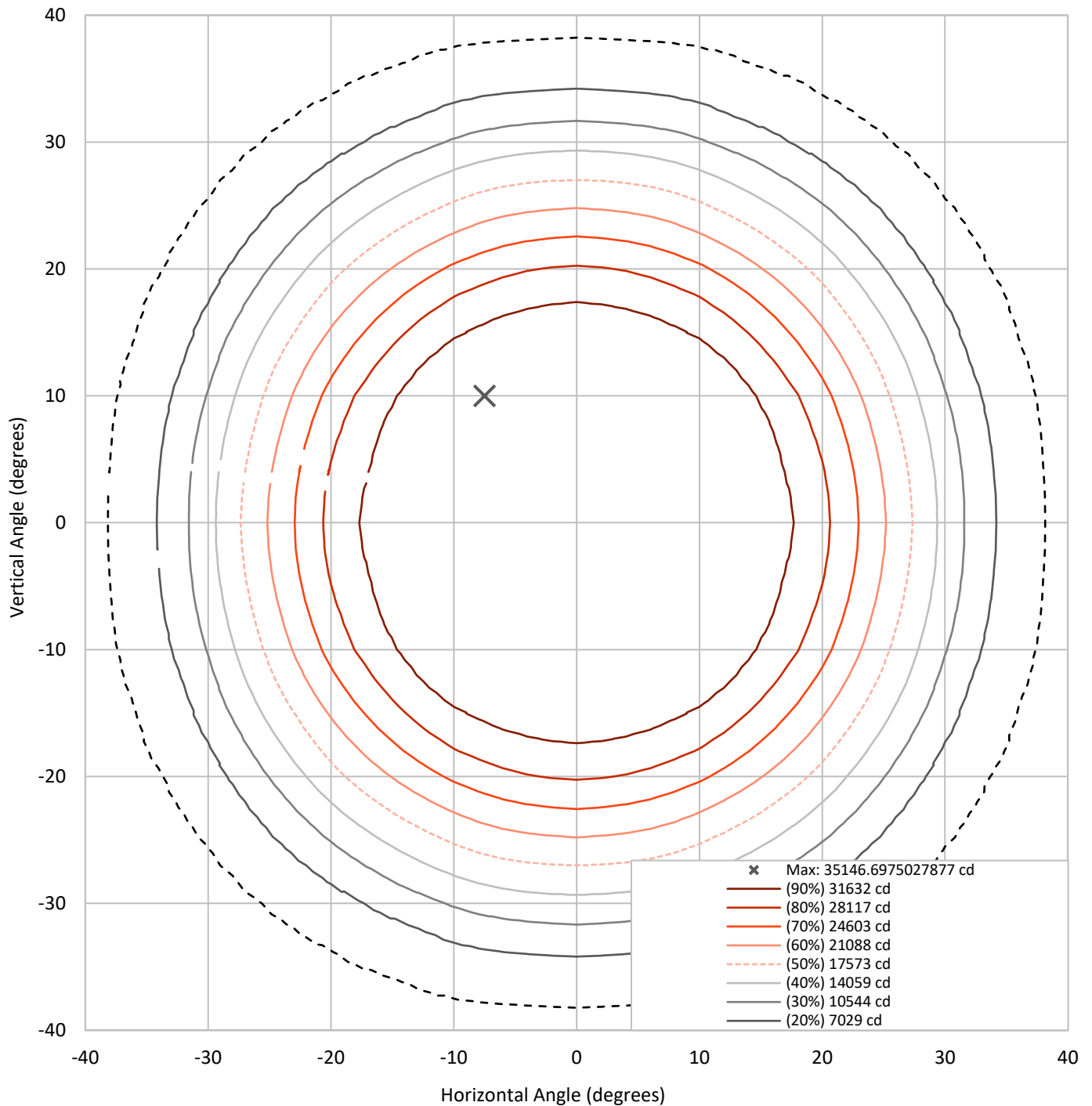
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	29913.1 lumens	Max Intensity:	35146.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	156.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	19854.6 lumens	Field Lumens:	25816.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





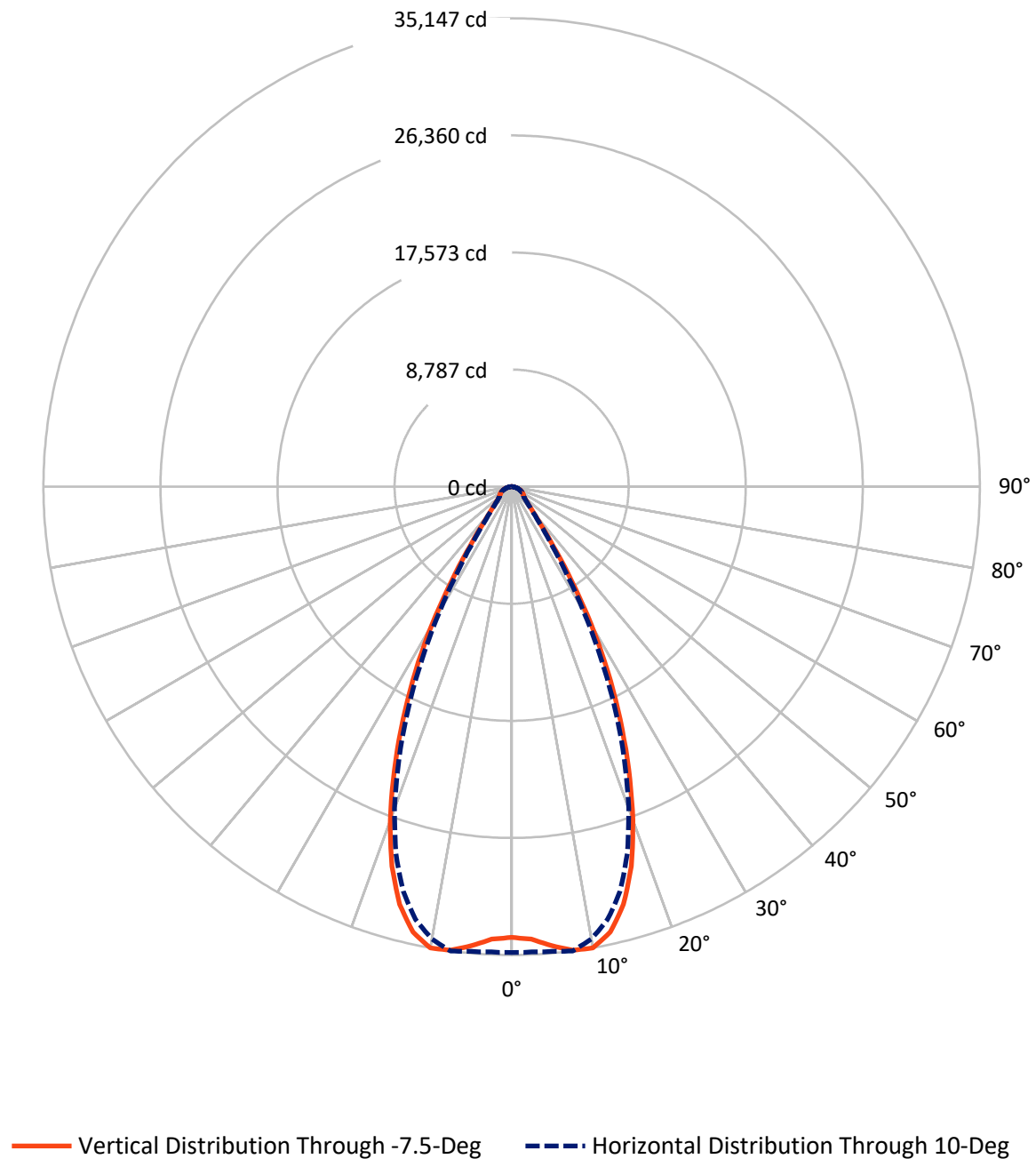
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Lumen Table

90																			
80	0.8	7.0		18.8		29.7		33.2		29.7		18.8		7.0		0.8			
70																			
60	3.2	3.6	7.3	12.0	16.8	20.3	23.0	24.3	24.3	23.0	20.3	16.8	12.0	7.3	3.6	3.2			
50		5.4	10.8	17.3	23.1	27.9	31.2	32.6	32.6	31.2	27.9	23.1	17.3	10.8	5.4				
40	5.6	6.9	13.7	20.9	28.1	36.5	46.0	52.7	52.7	46.0	36.5	28.1	20.9	13.7	6.9	5.6			
30		8.2	15.9	24.1	37.3	68.0	130.1	192.9	192.9	130.1	68.0	37.3	24.1	15.9	8.2				
20	7.3	9.2	17.3	28.1	61.3	192.0	430.8	601.6	601.6	430.8	192.0	61.3	28.1	17.3	9.2	7.3			
10		9.8	18.2	33.4	110.8	409.4	781.8	978.4	978.4	781.8	409.4	110.8	33.4	18.2	9.8				
0	7.8	10.2	18.7	37.6	159.4	560.2	948.4	1031.9	1031.9	948.4	560.2	159.4	37.6	18.7	10.2	7.8			
-10		10.2	18.7	37.6	159.4	560.2	948.4	1031.9	1031.9	948.4	560.2	159.4	37.6	18.7	10.2				
-20	7.3	9.8	18.2	33.4	110.8	409.4	781.8	978.4	978.4	781.8	409.4	110.8	33.4	18.2	9.8	7.3			
-30		9.2	17.3	28.1	61.3	192.0	430.8	601.6	601.6	430.8	192.0	61.3	28.1	17.3	9.2				
-40	5.6	8.2	15.9	24.1	37.3	68.0	130.1	192.9	192.9	130.1	68.0	37.3	24.1	15.9	8.2	5.6			
-50		6.9	13.7	20.9	28.1	36.5	46.0	52.7	52.7	46.0	36.5	28.1	20.9	13.7	6.9				
-60	3.2	5.4	10.8	17.3	23.1	27.9	31.2	32.6	32.6	31.2	27.9	23.1	17.3	10.8	5.4	3.2			
-70		3.6	7.3	12.0	16.8	20.3	23.0	24.3	24.3	23.0	20.3	16.8	12.0	7.3	3.6				
-80																			
-90	0.8	7.0		18.8		29.7		33.2		29.7		18.8		7.0		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

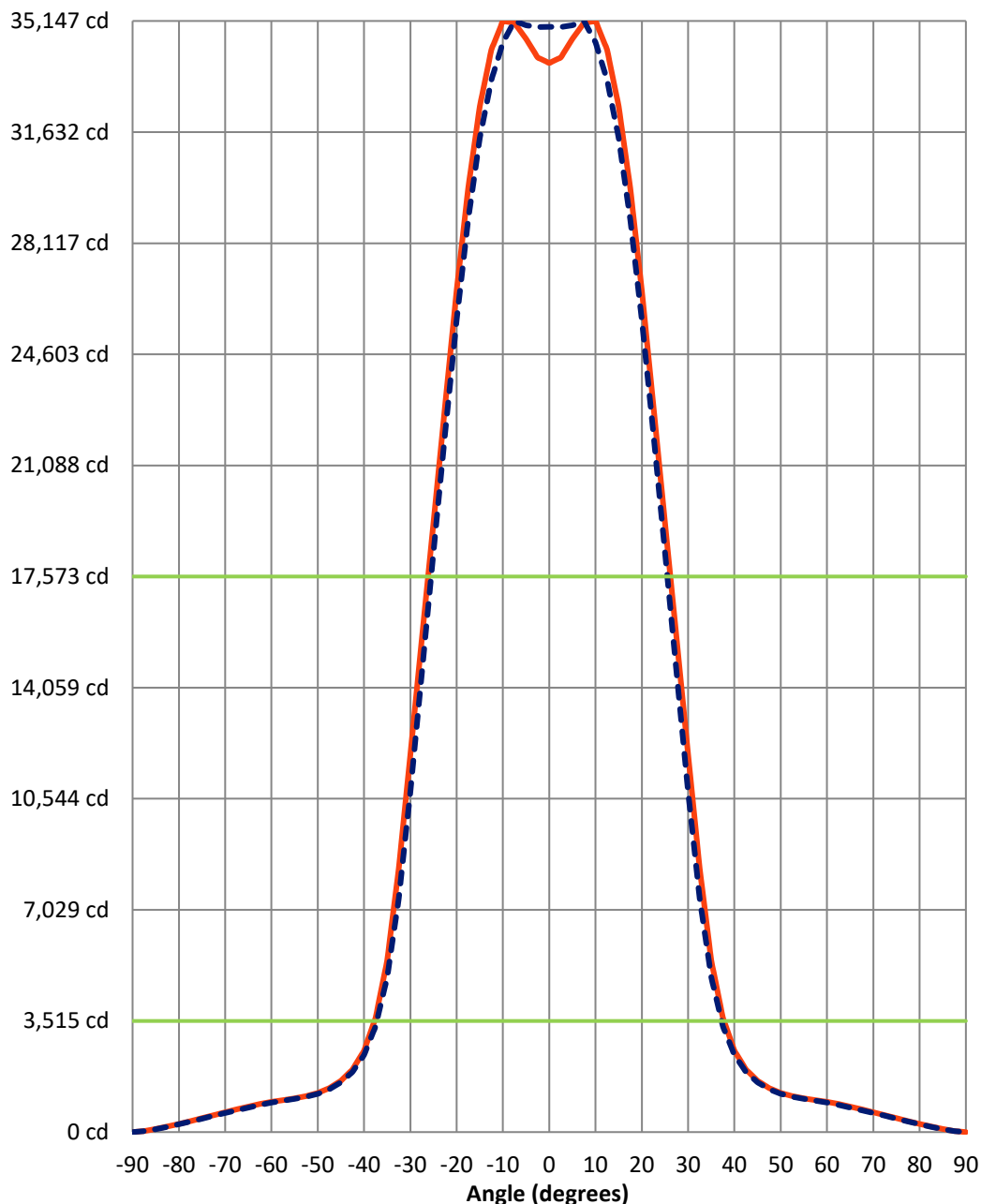
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 19854.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 25816.6
 Efficiency: 86.3%

Spill:
 Lumens: 4096.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.3	2.7	4.0	5.3	6.7	8.0	9.7	11.6	13.5	15.6
85°	0.0	2.7	5.4	8.0	10.7	13.3	15.9	19.4	23.1	27.0	31.1
82.5°	0.0	4.0	8.0	12.0	16.0	19.9	23.9	29.0	35.3	44.4	53.1
80°	0.0	5.3	10.7	16.0	21.3	26.5	32.9	45.2	57.1	68.3	78.9
77.5°	0.0	6.7	13.3	19.9	26.5	35.8	50.0	64.8	78.8	92.1	106.3
75°	0.0	8.0	15.9	23.9	32.9	50.0	67.1	84.2	100.9	120.3	139.3
72.5°	0.0	9.3	18.5	27.7	44.1	64.1	83.9	104.4	127.3	149.9	172.0
70°	0.0	10.5	21.0	32.4	55.3	78.0	100.9	127.3	153.4	179.1	206.1
67.5°	0.0	11.8	23.5	40.6	66.2	91.7	120.1	149.9	179.1	209.2	239.9
65°	0.0	13.0	26.0	48.7	77.0	106.1	138.9	172.0	205.0	238.7	274.4
62.5°	0.0	14.2	28.4	56.6	87.6	121.2	157.3	193.9	230.2	268.3	311.5
60°	0.0	15.4	30.8	64.4	97.9	136.0	175.2	215.1	254.8	300.5	347.6
57.5°	0.0	16.5	35.7	71.9	109.1	150.3	193.0	235.8	281.6	331.8	381.6
55°	0.0	17.7	40.5	79.3	120.1	164.1	210.6	256.1	308.3	361.8	414.3
52.5°	0.0	18.7	45.2	86.4	130.7	177.7	227.7	278.4	334.0	390.4	446.0
50°	0.0	19.8	49.6	93.3	140.9	191.6	244.4	300.2	358.7	418.0	476.8
47.5°	0.0	20.8	53.9	100.2	150.7	205.2	260.8	321.1	382.4	444.7	506.4
45°	0.0	21.8	58.0	107.2	160.1	218.3	277.9	341.0	405.3	470.3	535.0
42.5°	0.0	22.7	61.9	113.8	169.0	230.9	294.1	360.0	427.0	494.9	561.9
40°	0.0	23.6	65.6	120.0	178.0	242.9	309.5	377.9	447.7	518.3	587.9
37.5°	0.0	24.4	69.0	125.8	187.2	254.5	324.0	394.8	467.7	541.0	612.9
35°	0.0	25.2	72.2	131.2	195.9	265.7	337.6	410.6	486.8	562.2	636.1
32.5°	0.0	26.0	75.3	136.2	204.1	276.4	350.3	425.3	504.9	581.9	656.6
30°	0.0	26.7	78.0	140.9	211.8	286.3	362.0	439.1	521.9	600.0	675.7
27.5°	0.0	27.3	80.6	145.2	218.6	295.4	372.7	452.7	537.5	616.6	693.3
25°	0.0	27.9	82.8	149.1	224.8	303.7	382.5	465.3	551.0	631.3	709.5
22.5°	0.0	28.5	84.9	152.7	230.5	311.0	391.3	476.9	563.2	644.3	724.1
20°	0.0	28.9	86.7	155.8	235.4	317.3	399.0	487.3	573.9	655.9	737.2
17.5°	0.0	29.4	88.3	158.6	239.8	322.8	406.0	496.5	583.2	666.1	748.6
15°	0.0	29.7	89.6	160.9	243.5	327.5	412.3	504.8	591.1	674.8	758.4
12.5°	0.0	30.1	90.6	162.8	246.6	331.3	417.8	512.2	598.1	682.0	766.5
10°	0.0	30.3	91.5	164.3	249.1	334.4	422.3	518.2	604.2	688.8	773.3
7.5°	0.0	30.5	92.0	165.4	250.8	336.6	425.9	522.9	609.0	694.2	779.4
5°	0.0	30.7	92.4	166.1	252.0	338.0	428.5	526.3	612.4	698.1	783.8
2.5°	0.0	30.8	92.4	166.3	252.4	338.6	430.1	528.3	614.4	700.4	786.4
0°	0.0	30.8	92.3	166.1	252.2	338.3	430.6	529.0	615.1	701.2	787.3
-2.5°	0.0	30.8	92.4	166.3	252.4	338.6	430.1	528.3	614.4	700.4	786.4
-5°	0.0	30.7	92.4	166.1	252.0	338.0	428.5	526.3	612.4	698.1	783.8
-7.5°	0.0	30.5	92.0	165.4	250.8	336.6	425.9	522.9	609.0	694.2	779.4
-10°	0.0	30.3	91.5	164.3	249.1	334.4	422.3	518.2	604.2	688.8	773.3
-12.5°	0.0	30.1	90.6	162.8	246.6	331.3	417.8	512.2	598.1	682.0	766.5
-15°	0.0	29.7	89.6	160.9	243.5	327.5	412.3	504.8	591.1	674.8	758.4
-17.5°	0.0	29.4	88.3	158.6	239.8	322.8	406.0	496.5	583.2	666.1	748.6
-20°	0.0	28.9	86.7	155.8	235.4	317.3	399.0	487.3	573.9	655.9	737.2

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Scaled Data Report



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	28.5	84.9	152.7	230.5	311.0	391.3	476.9	563.2	644.3	724.1
-25°	0.0	27.9	82.8	149.1	224.8	303.7	382.5	465.3	551.0	631.3	709.5
-27.5°	0.0	27.3	80.6	145.2	218.6	295.4	372.7	452.7	537.5	616.6	693.3
-30°	0.0	26.7	78.0	140.9	211.8	286.3	362.0	439.1	521.9	600.0	675.7
-32.5°	0.0	26.0	75.3	136.2	204.1	276.4	350.3	425.3	504.9	581.9	656.6
-35°	0.0	25.2	72.2	131.2	195.9	265.7	337.6	410.6	486.8	562.2	636.1
-37.5°	0.0	24.4	69.0	125.8	187.2	254.5	324.0	394.8	467.7	541.0	612.9
-40°	0.0	23.6	65.6	120.0	178.0	242.9	309.5	377.9	447.7	518.3	587.9
-42.5°	0.0	22.7	61.9	113.8	169.0	230.9	294.1	360.0	427.0	494.9	561.9
-45°	0.0	21.8	58.0	107.2	160.1	218.3	277.9	341.0	405.3	470.3	535.0
-47.5°	0.0	20.8	53.9	100.2	150.7	205.2	260.8	321.1	382.4	444.7	506.4
-50°	0.0	19.8	49.6	93.3	140.9	191.6	244.4	300.2	358.7	418.0	476.8
-52.5°	0.0	18.7	45.2	86.4	130.7	177.7	227.7	278.4	334.0	390.4	446.0
-55°	0.0	17.7	40.5	79.3	120.1	164.1	210.6	256.1	308.3	361.8	414.3
-57.5°	0.0	16.5	35.7	71.9	109.1	150.3	193.0	235.8	281.6	331.8	381.6
-60°	0.0	15.4	30.8	64.4	97.9	136.0	175.2	215.1	254.8	300.5	347.6
-62.5°	0.0	14.2	28.4	56.6	87.6	121.2	157.3	193.9	230.2	268.3	311.5
-65°	0.0	13.0	26.0	48.7	77.0	106.1	138.9	172.0	205.0	238.7	274.4
-67.5°	0.0	11.8	23.5	40.6	66.2	91.7	120.1	149.9	179.1	209.2	239.9
-70°	0.0	10.5	21.0	32.4	55.3	78.0	100.9	127.3	153.4	179.1	206.1
-72.5°	0.0	9.3	18.5	27.7	44.1	64.1	83.9	104.4	127.3	149.9	172.0
-75°	0.0	8.0	15.9	23.9	32.9	50.0	67.1	84.2	100.9	120.3	139.3
-77.5°	0.0	6.7	13.3	19.9	26.5	35.8	50.0	64.8	78.8	92.1	106.3
-80°	0.0	5.3	10.7	16.0	21.3	26.5	32.9	45.2	57.1	68.3	78.9
-82.5°	0.0	4.0	8.0	12.0	16.0	19.9	23.9	29.0	35.3	44.4	53.1
-85°	0.0	2.7	5.4	8.0	10.7	13.3	15.9	19.4	23.1	27.0	31.1
-87.5°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.7	11.6	13.5	15.6
-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-SA6B-740-U-MWR-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°	17.0	18.4	19.8	21.2	22.5	23.7	24.9	26.1	27.2	28.3	29.3
85°	34.0	36.9	41.8	46.8	51.6	56.2	60.6	64.9	69.0	72.9	76.6
82.5°	60.9	68.9	77.1	85.4	92.6	99.5	106.3	113.3	120.3	127.3	134.1
80°	89.7	100.8	113.5	125.6	136.1	146.2	155.9	165.2	175.3	186.2	197.1
77.5°	122.8	138.6	153.5	167.5	180.9	195.5	209.7	223.3	237.4	251.4	264.8
75°	158.3	176.4	195.4	214.1	232.3	249.9	267.1	284.6	302.4	320.0	336.8
72.5°	195.0	217.9	240.3	262.2	284.7	306.8	328.1	348.6	369.7	391.2	411.8
70°	233.0	259.2	286.8	313.5	339.0	364.7	390.6	415.7	440.1	465.1	489.8
67.5°	271.5	304.3	335.4	365.1	395.0	425.3	454.5	484.5	513.4	542.5	570.2
65°	313.7	349.6	383.7	417.6	451.6	487.1	521.7	555.0	588.6	621.1	650.3
62.5°	355.2	393.4	431.1	469.6	510.1	549.9	587.7	626.1	665.1	699.1	728.7
60°	393.3	435.7	477.9	521.7	566.5	609.4	651.8	693.5	735.4	774.5	798.7
57.5°	430.2	477.0	523.7	571.0	618.2	666.0	710.5	756.3	795.3	828.3	856.3
55°	466.1	516.9	566.6	616.2	667.2	717.2	765.7	809.2	847.3	874.7	901.8
52.5°	500.9	554.5	605.9	659.6	713.8	766.9	817.5	857.8	889.0	917.1	942.4
50°	534.8	589.3	643.5	701.7	759.0	815.1	862.7	898.0	929.8	957.2	983.6
47.5°	566.5	623.3	681.3	742.5	802.8	857.0	900.7	937.6	970.1	999.7	1031.0
45°	597.0	657.3	718.6	781.8	843.3	895.7	937.8	977.7	1008.1	1041.5	1077.3
42.5°	626.6	690.0	754.2	819.5	881.6	930.6	972.7	1009.3	1045.0	1084.4	1127.8
40°	654.8	720.8	787.9	855.7	917.7	961.1	1002.4	1041.1	1084.4	1131.4	1181.6
37.5°	681.2	749.8	819.4	889.9	944.2	989.0	1031.3	1074.4	1124.8	1179.2	1247.3
35°	705.9	776.8	848.7	916.3	968.0	1015.6	1059.2	1107.3	1166.3	1237.3	1324.6
32.5°	728.8	801.7	875.7	937.8	990.0	1039.4	1084.2	1144.2	1215.0	1299.6	1423.2
30°	749.9	824.5	898.8	958.9	1009.8	1059.3	1113.9	1181.5	1264.3	1387.9	1546.1
27.5°	769.5	845.2	916.9	976.4	1027.5	1078.5	1142.4	1224.4	1333.4	1480.8	1677.5
25°	787.4	865.0	934.3	991.1	1043.9	1100.5	1170.0	1262.0	1405.4	1595.8	1861.5
22.5°	803.7	882.9	950.9	1003.8	1059.2	1120.6	1201.6	1316.8	1482.1	1704.4	2047.0
20°	818.2	896.5	963.4	1015.8	1073.4	1137.2	1229.8	1368.8	1568.1	1856.0	2293.4
17.5°	830.9	908.3	972.7	1027.4	1087.2	1156.0	1257.2	1413.8	1644.4	1988.2	2542.4
15°	841.8	918.4	980.6	1037.2	1099.3	1177.5	1295.4	1472.6	1733.1	2125.7	2759.4
12.5°	850.9	926.8	987.0	1045.3	1109.2	1195.6	1328.2	1528.0	1825.3	2294.7	3079.1
10°	858.0	933.3	992.0	1051.5	1117.0	1210.0	1354.7	1573.4	1901.6	2441.1	3351.9
7.5°	864.6	938.1	995.4	1055.9	1122.5	1220.7	1374.9	1608.4	1960.1	2556.0	3567.8
5°	869.5	941.0	997.3	1058.5	1127.2	1227.7	1388.6	1632.6	2000.6	2638.1	3719.6
2.5°	872.4	942.0	997.6	1059.2	1130.6	1230.9	1395.8	1646.0	2032.3	2677.0	3801.3
0°	873.4	941.1	996.4	1058.0	1131.8	1230.2	1396.3	1648.4	2048.3	2675.7	3813.6
-2.5°	872.4	942.0	997.6	1059.2	1130.6	1230.9	1395.8	1646.0	2032.3	2677.0	3801.3
-5°	869.5	941.0	997.3	1058.5	1127.2	1227.7	1388.6	1632.6	2000.6	2638.1	3719.6
-7.5°	864.6	938.1	995.4	1055.9	1122.5	1220.7	1374.9	1608.4	1960.1	2556.0	3567.8
-10°	858.0	933.3	992.0	1051.5	1117.0	1210.0	1354.7	1573.4	1901.6	2441.1	3351.9
-12.5°	850.9	926.8	987.0	1045.3	1109.2	1195.6	1328.2	1528.0	1825.3	2294.7	3079.1
-15°	841.8	918.4	980.6	1037.2	1099.3	1177.5	1295.4	1472.6	1733.1	2125.7	2759.4
-17.5°	830.9	908.3	972.7	1027.4	1087.2	1156.0	1257.2	1413.8	1644.4	1988.2	2542.4
-20°	818.2	896.5	963.4	1015.8	1073.4	1137.2	1229.8	1368.8	1568.1	1856.0	2293.4



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	803.7	882.9	950.9	1003.8	1059.2	1120.6	1201.6	1316.8	1482.1	1704.4	2047.0
-25°	787.4	865.0	934.3	991.1	1043.9	1100.5	1170.0	1262.0	1405.4	1595.8	1861.5
-27.5°	769.5	845.2	916.9	976.4	1027.5	1078.5	1142.4	1224.4	1333.4	1480.8	1677.5
-30°	749.9	824.5	898.8	958.9	1009.8	1059.3	1113.9	1181.5	1264.3	1387.9	1546.1
-32.5°	728.8	801.7	875.7	937.8	990.0	1039.4	1084.2	1144.2	1215.0	1299.6	1423.2
-35°	705.9	776.8	848.7	916.3	968.0	1015.6	1059.2	1107.3	1166.3	1237.3	1324.6
-37.5°	681.2	749.8	819.4	889.9	944.2	989.0	1031.3	1074.4	1124.8	1179.2	1247.3
-40°	654.8	720.8	787.9	855.7	917.7	961.1	1002.4	1041.1	1084.4	1131.4	1181.6
-42.5°	626.6	690.0	754.2	819.5	881.6	930.6	972.7	1009.3	1045.0	1084.4	1127.8
-45°	597.0	657.3	718.6	781.8	843.3	895.7	937.8	977.7	1008.1	1041.5	1077.3
-47.5°	566.5	623.3	681.3	742.5	802.8	857.0	900.7	937.6	970.1	999.7	1031.0
-50°	534.8	589.3	643.5	701.7	759.0	815.1	862.7	898.0	929.8	957.2	983.6
-52.5°	500.9	554.5	605.9	659.6	713.8	766.9	817.5	857.8	889.0	917.1	942.4
-55°	466.1	516.9	566.6	616.2	667.2	717.2	765.7	809.2	847.3	874.7	901.8
-57.5°	430.2	477.0	523.7	571.0	618.2	666.0	710.5	756.3	795.3	828.3	856.3
-60°	393.3	435.7	477.9	521.7	566.5	609.4	651.8	693.5	735.4	774.5	798.7
-62.5°	355.2	393.4	431.1	469.6	510.1	549.9	587.7	626.1	665.1	699.1	728.7
-65°	313.7	349.6	383.7	417.6	451.6	487.1	521.7	555.0	588.6	621.1	650.3
-67.5°	271.5	304.3	335.4	365.1	395.0	425.3	454.5	484.5	513.4	542.5	570.2
-70°	233.0	259.2	286.8	313.5	339.0	364.7	390.6	415.7	440.1	465.1	489.8
-72.5°	195.0	217.9	240.3	262.2	284.7	306.8	328.1	348.6	369.7	391.2	411.8
-75°	158.3	176.4	195.4	214.1	232.3	249.9	267.1	284.6	302.4	320.0	336.8
-77.5°	122.8	138.6	153.5	167.5	180.9	195.5	209.7	223.3	237.4	251.4	264.8
-80°	89.7	100.8	113.5	125.6	136.1	146.2	155.9	165.2	175.3	186.2	197.1
-82.5°	60.9	68.9	77.1	85.4	92.6	99.5	106.3	113.3	120.3	127.3	134.1
-85°	34.0	36.9	41.8	46.8	51.6	56.2	60.6	64.9	69.0	72.9	76.6
-87.5°	17.0	18.4	19.8	21.2	22.5	23.7	24.9	26.1	27.2	28.3	29.3
-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: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-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°	30.2	29.8	29.3	28.7	27.9	29.9	31.8	33.7	35.6	34.5	33.3
85°	80.1	81.9	83.4	84.7	85.8	89.6	93.3	96.7	99.9	99.9	99.5
82.5°	140.9	145.4	149.3	152.8	155.9	160.4	164.4	167.9	170.8	173.0	174.9
80°	207.6	215.0	221.3	227.0	232.2	238.0	243.5	248.4	252.7	255.0	256.4
77.5°	278.0	288.8	298.4	307.6	316.3	324.9	332.8	339.8	345.9	347.3	347.0
75°	352.7	367.2	380.7	393.3	404.9	414.8	423.3	430.4	436.2	439.0	440.6
72.5°	431.4	449.2	465.1	479.5	491.8	502.1	511.0	518.7	525.2	529.3	531.7
70°	513.4	534.4	550.8	564.3	574.9	585.1	596.5	607.4	617.7	623.4	625.6
67.5°	595.6	617.5	632.5	644.8	654.4	664.5	678.9	691.9	703.5	711.3	716.2
65°	676.1	699.1	714.2	726.0	734.8	744.9	761.0	773.9	783.7	791.5	798.5
62.5°	755.7	778.8	795.6	809.6	822.5	833.6	846.8	857.6	866.0	873.7	882.4
60°	824.6	852.1	869.6	883.8	899.9	917.2	926.9	935.0	942.0	948.2	953.6
57.5°	880.9	905.4	927.9	945.0	961.7	977.7	989.3	996.9	1003.1	1007.7	1009.5
55°	928.0	953.3	978.5	997.0	1013.4	1028.4	1041.0	1051.0	1059.2	1065.6	1067.2
52.5°	970.2	998.6	1023.4	1044.7	1066.4	1084.1	1097.9	1111.4	1123.2	1132.7	1136.8
50°	1016.2	1045.9	1076.8	1105.4	1128.4	1148.6	1165.5	1184.5	1204.6	1221.2	1231.7
47.5°	1064.5	1098.7	1136.0	1171.3	1198.6	1228.5	1256.4	1284.8	1322.1	1353.5	1376.7
45°	1115.0	1159.0	1201.5	1246.3	1284.0	1340.5	1393.0	1438.1	1497.9	1552.2	1595.4
42.5°	1174.6	1229.4	1281.6	1353.4	1428.5	1505.6	1589.0	1660.1	1753.8	1849.0	1926.0
40°	1245.3	1315.2	1407.3	1503.6	1622.1	1728.3	1872.2	2000.5	2144.1	2325.7	2475.7
37.5°	1330.4	1438.2	1566.2	1700.4	1885.3	2061.8	2299.8	2550.6	2778.1	3127.4	3421.2
35°	1440.9	1591.6	1760.2	1997.7	2259.3	2590.3	2961.4	3445.8	3861.1	4450.3	5013.4
32.5°	1583.3	1777.1	2052.4	2419.1	2805.7	3406.5	3995.5	4836.5	5615.3	6549.1	7556.9
30°	1741.8	2036.7	2457.2	2960.2	3681.5	4565.3	5603.6	6895.3	8308.9	9621.4	10914.8
27.5°	1971.4	2393.9	2946.5	3758.1	4882.2	6118.7	7937.9	9691.3	11520.7	13146.8	14503.1
25°	2239.6	2797.9	3652.3	4847.4	6367.6	8485.0	10662.8	12826.8	14794.1	16496.6	17995.1
22.5°	2585.8	3388.8	4527.9	6075.9	8443.1	10980.9	13534.6	15921.6	18020.1	19915.9	21538.0
20°	2962.4	3967.2	5593.9	7902.2	10609.4	13500.6	16384.1	18926.7	21237.4	23386.8	25215.1
17.5°	3439.7	4846.9	6906.8	9675.9	12805.9	15973.6	19002.9	21762.1	24383.7	26658.1	28568.3
15°	3846.5	5621.6	8310.1	11557.7	14943.2	18284.7	21482.8	24480.0	27205.5	29539.2	31335.0
12.5°	4389.1	6489.8	9556.0	13175.5	16844.1	20360.1	23728.7	26826.5	29600.2	31908.3	33306.2
10°	4902.0	7388.7	10760.2	14534.8	18346.2	22092.4	25689.2	28866.2	31441.5	33277.5	34468.8
7.5°	5338.0	8161.3	11739.7	15633.5	19539.7	23456.4	27097.2	30188.3	32562.8	34096.2	34925.5
5°	5663.7	8738.8	12466.8	16526.3	20534.7	24520.1	28132.5	31034.3	33086.6	34225.7	34642.1
2.5°	5871.2	9077.9	12888.8	17112.1	21200.5	25193.2	28842.7	31699.0	33440.2	34195.2	34266.9
0°	5954.1	9121.8	12953.8	17419.4	21368.3	25384.9	29044.6	31972.5	33571.7	34193.0	34180.7
-2.5°	5871.2	9077.9	12888.8	17112.1	21200.5	25193.2	28842.7	31699.0	33440.2	34195.2	34266.9
-5°	5663.7	8738.8	12466.8	16526.3	20534.7	24520.1	28132.5	31034.3	33086.6	34225.7	34642.1
-7.5°	5338.0	8161.3	11739.7	15633.5	19539.7	23456.4	27097.2	30188.3	32562.8	34096.2	34925.5
-10°	4902.0	7388.7	10760.2	14534.8	18346.2	22092.4	25689.2	28866.2	31441.5	33277.5	34468.8
-12.5°	4389.1	6489.8	9556.0	13175.5	16844.1	20360.1	23728.7	26826.5	29600.2	31908.3	33306.2
-15°	3846.5	5621.6	8310.1	11557.7	14943.2	18284.7	21482.8	24480.0	27205.5	29539.2	31335.0
-17.5°	3439.7	4846.9	6906.8	9675.9	12805.9	15973.6	19002.9	21762.1	24383.7	26658.1	28568.3
-20°	2962.4	3967.2	5593.9	7902.2	10609.4	13500.6	16384.1	18926.7	21237.4	23386.8	25215.1



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2585.8	3388.8	4527.9	6075.9	8443.1	10980.9	13534.6	15921.6	18020.1	19915.9	21538.0
-25°	2239.6	2797.9	3652.3	4847.4	6367.6	8485.0	10662.8	12826.8	14794.1	16496.6	17995.1
-27.5°	1971.4	2393.9	2946.5	3758.1	4882.2	6118.7	7937.9	9691.3	11520.7	13146.8	14503.1
-30°	1741.8	2036.7	2457.2	2960.2	3681.5	4565.3	5603.6	6895.3	8308.9	9621.4	10914.8
-32.5°	1583.3	1777.1	2052.4	2419.1	2805.7	3406.5	3995.5	4836.5	5615.3	6549.1	7556.9
-35°	1440.9	1591.6	1760.2	1997.7	2259.3	2590.3	2961.4	3445.8	3861.1	4450.3	5013.4
-37.5°	1330.4	1438.2	1566.2	1700.4	1885.3	2061.8	2299.8	2550.6	2778.1	3127.4	3421.2
-40°	1245.3	1315.2	1407.3	1503.6	1622.1	1728.3	1872.2	2000.5	2144.1	2325.7	2475.7
-42.5°	1174.6	1229.4	1281.6	1353.4	1428.5	1505.6	1589.0	1660.1	1753.8	1849.0	1926.0
-45°	1115.0	1159.0	1201.5	1246.3	1284.0	1340.5	1393.0	1438.1	1497.9	1552.2	1595.4
-47.5°	1064.5	1098.7	1136.0	1171.3	1198.6	1228.5	1256.4	1284.8	1322.1	1353.5	1376.7
-50°	1016.2	1045.9	1076.8	1105.4	1128.4	1148.6	1165.5	1184.5	1204.6	1221.2	1231.7
-52.5°	970.2	998.6	1023.4	1044.7	1066.4	1084.1	1097.9	1111.4	1123.2	1132.7	1136.8
-55°	928.0	953.3	978.5	997.0	1013.4	1028.4	1041.0	1051.0	1059.2	1065.6	1067.2
-57.5°	880.9	905.4	927.9	945.0	961.7	977.7	989.3	996.9	1003.1	1007.7	1009.5
-60°	824.6	852.1	869.6	883.8	899.9	917.2	926.9	935.0	942.0	948.2	953.6
-62.5°	755.7	778.8	795.6	809.6	822.5	833.6	846.8	857.6	866.0	873.7	882.4
-65°	676.1	699.1	714.2	726.0	734.8	744.9	761.0	773.9	783.7	791.5	798.5
-67.5°	595.6	617.5	632.5	644.8	654.4	664.5	678.9	691.9	703.5	711.3	716.2
-70°	513.4	534.4	550.8	564.3	574.9	585.1	596.5	607.4	617.7	623.4	625.6
-72.5°	431.4	449.2	465.1	479.5	491.8	502.1	511.0	518.7	525.2	529.3	531.7
-75°	352.7	367.2	380.7	393.3	404.9	414.8	423.3	430.4	436.2	439.0	440.6
-77.5°	278.0	288.8	298.4	307.6	316.3	324.9	332.8	339.8	345.9	347.3	347.0
-80°	207.6	215.0	221.3	227.0	232.2	238.0	243.5	248.4	252.7	255.0	256.4
-82.5°	140.9	145.4	149.3	152.8	155.9	160.4	164.4	167.9	170.8	173.0	174.9
-85°	80.1	81.9	83.4	84.7	85.8	89.6	93.3	96.7	99.9	99.9	99.5
-87.5°	30.2	29.8	29.3	28.7	27.9	29.9	31.8	33.7	35.6	34.5	33.3
-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: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-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°	32.1	30.7	30.8	30.8	30.8	30.7	32.1	33.3	34.5	35.6	33.7
85°	98.8	97.9	95.2	92.3	95.2	97.9	98.8	99.5	99.9	99.9	96.7
82.5°	176.4	177.5	175.1	172.2	175.1	177.5	176.4	174.9	173.0	170.8	167.9
80°	257.1	257.1	255.0	252.2	255.0	257.1	257.1	256.4	255.0	252.7	248.4
77.5°	345.5	343.1	344.1	344.5	344.1	343.1	345.5	347.0	347.3	345.9	339.8
75°	441.2	440.8	439.4	436.7	439.4	440.8	441.2	440.6	439.0	436.2	430.4
72.5°	532.9	532.9	531.6	529.0	531.6	532.9	532.9	531.7	529.3	525.2	518.7
70°	626.2	625.1	626.6	627.4	626.6	625.1	626.2	625.6	623.4	617.7	607.4
67.5°	720.1	722.5	722.1	719.7	722.1	722.5	720.1	716.2	711.3	703.5	691.9
65°	804.2	808.4	811.0	811.9	811.0	808.4	804.2	798.5	791.5	783.7	773.9
62.5°	889.2	894.1	894.4	891.9	894.4	894.1	889.2	882.4	873.7	866.0	857.6
60°	956.5	957.3	956.1	953.4	956.1	957.3	956.5	953.6	948.2	942.0	935.0
57.5°	1009.5	1007.7	1005.6	1002.6	1005.6	1007.7	1009.5	1009.5	1007.7	1003.1	996.9
55°	1066.3	1063.4	1060.9	1058.0	1060.9	1063.4	1066.3	1067.2	1065.6	1059.2	1051.0
52.5°	1137.7	1136.1	1134.4	1131.8	1134.4	1136.1	1137.7	1136.8	1132.7	1123.2	1111.4
50°	1237.0	1238.6	1238.4	1236.3	1238.4	1238.6	1237.0	1231.7	1221.2	1204.6	1184.5
47.5°	1391.5	1399.7	1405.2	1408.6	1405.2	1399.7	1391.5	1376.7	1353.5	1322.1	1284.8
45°	1623.0	1639.4	1651.0	1660.7	1651.0	1639.4	1623.0	1595.4	1552.2	1497.9	1438.1
42.5°	1980.1	2016.9	2034.3	2029.8	2034.3	2016.9	1980.1	1926.0	1849.0	1753.8	1660.1
40°	2575.7	2635.0	2667.9	2694.1	2667.9	2635.0	2575.7	2475.7	2325.7	2144.1	2000.5
37.5°	3621.9	3737.1	3797.8	3850.5	3797.8	3737.1	3621.9	3421.2	3127.4	2778.1	2550.6
35°	5434.1	5693.2	5832.0	5880.3	5832.0	5693.2	5434.1	5013.4	4450.3	3861.1	3445.8
32.5°	8341.2	8819.3	9083.6	9287.9	9083.6	8819.3	8341.2	7556.9	6549.1	5615.3	4836.5
30°	11939.0	12568.7	12918.5	13089.2	12918.5	12568.7	11939.0	10914.8	9621.4	8308.9	6895.3
27.5°	15627.2	16343.1	16720.1	16699.8	16720.1	16343.1	15627.2	14503.1	13146.8	11520.7	9691.3
25°	19279.7	20108.9	20484.6	20820.9	20484.6	20108.9	19279.7	17995.1	16496.6	14794.1	12826.8
22.5°	22973.9	23943.4	24472.5	24720.6	24472.5	23943.4	22973.9	21538.0	19915.9	18020.1	15921.6
20°	26624.0	27703.3	28265.0	28509.5	28265.0	27703.3	26624.0	25215.1	23386.8	21237.4	18926.7
17.5°	29861.3	30915.0	31450.3	31677.2	31450.3	30915.0	29861.3	28568.3	26658.1	24383.7	21762.1
15°	32446.3	33223.5	33678.7	33799.3	33678.7	33223.5	32446.3	31335.0	29539.2	27205.5	24480.0
12.5°	34233.2	34534.2	34753.2	34820.4	34753.2	34534.2	34233.2	33306.2	31908.3	29600.2	26826.5
10°	35146.7	35010.8	34954.7	34961.8	34954.7	35010.8	35146.7	34468.8	33277.5	31441.5	28866.2
7.5°	35083.9	34882.7	34478.7	34414.4	34478.7	34882.7	35083.9	34925.5	34096.2	32562.8	30188.3
5°	34579.8	34213.6	33543.0	33350.3	33543.0	34213.6	34579.8	34642.1	34225.7	33086.6	31034.3
2.5°	33992.3	33332.1	32714.4	32316.9	32714.4	33332.1	33992.3	34266.9	34195.2	33440.2	31699.0
0°	33817.8	33055.0	32255.4	31997.1	32255.4	33055.0	33817.8	34180.7	34193.0	33571.7	31972.5
-2.5°	33992.3	33332.1	32714.4	32316.9	32714.4	33332.1	33992.3	34266.9	34195.2	33440.2	31699.0
-5°	34579.8	34213.6	33543.0	33350.3	33543.0	34213.6	34579.8	34642.1	34225.7	33086.6	31034.3
-7.5°	35083.9	34882.7	34478.7	34414.4	34478.7	34882.7	35083.9	34925.5	34096.2	32562.8	30188.3
-10°	35146.7	35010.8	34954.7	34961.8	34954.7	35010.8	35146.7	34468.8	33277.5	31441.5	28866.2
-12.5°	34233.2	34534.2	34753.2	34820.4	34753.2	34534.2	34233.2	33306.2	31908.3	29600.2	26826.5
-15°	32446.3	33223.5	33678.7	33799.3	33678.7	33223.5	32446.3	31335.0	29539.2	27205.5	24480.0
-17.5°	29861.3	30915.0	31450.3	31677.2	31450.3	30915.0	29861.3	28568.3	26658.1	24383.7	21762.1
-20°	26624.0	27703.3	28265.0	28509.5	28265.0	27703.3	26624.0	25215.1	23386.8	21237.4	18926.7



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22973.9	23943.4	24472.5	24720.6	24472.5	23943.4	22973.9	21538.0	19915.9	18020.1	15921.6
-25°	19279.7	20108.9	20484.6	20820.9	20484.6	20108.9	19279.7	17995.1	16496.6	14794.1	12826.8
-27.5°	15627.2	16343.1	16720.1	16699.8	16720.1	16343.1	15627.2	14503.1	13146.8	11520.7	9691.3
-30°	11939.0	12568.7	12918.5	13089.2	12918.5	12568.7	11939.0	10914.8	9621.4	8308.9	6895.3
-32.5°	8341.2	8819.3	9083.6	9287.9	9083.6	8819.3	8341.2	7556.9	6549.1	5615.3	4836.5
-35°	5434.1	5693.2	5832.0	5880.3	5832.0	5693.2	5434.1	5013.4	4450.3	3861.1	3445.8
-37.5°	3621.9	3737.1	3797.8	3850.5	3797.8	3737.1	3621.9	3421.2	3127.4	2778.1	2550.6
-40°	2575.7	2635.0	2667.9	2694.1	2667.9	2635.0	2575.7	2475.7	2325.7	2144.1	2000.5
-42.5°	1980.1	2016.9	2034.3	2029.8	2034.3	2016.9	1980.1	1926.0	1849.0	1753.8	1660.1
-45°	1623.0	1639.4	1651.0	1660.7	1651.0	1639.4	1623.0	1595.4	1552.2	1497.9	1438.1
-47.5°	1391.5	1399.7	1405.2	1408.6	1405.2	1399.7	1391.5	1376.7	1353.5	1322.1	1284.8
-50°	1237.0	1238.6	1238.4	1236.3	1238.4	1238.6	1237.0	1231.7	1221.2	1204.6	1184.5
-52.5°	1137.7	1136.1	1134.4	1131.8	1134.4	1136.1	1137.7	1136.8	1132.7	1123.2	1111.4
-55°	1066.3	1063.4	1060.9	1058.0	1060.9	1063.4	1066.3	1067.2	1065.6	1059.2	1051.0
-57.5°	1009.5	1007.7	1005.6	1002.6	1005.6	1007.7	1009.5	1009.5	1007.7	1003.1	996.9
-60°	956.5	957.3	956.1	953.4	956.1	957.3	956.5	953.6	948.2	942.0	935.0
-62.5°	889.2	894.1	894.4	891.9	894.4	894.1	889.2	882.4	873.7	866.0	857.6
-65°	804.2	808.4	811.0	811.9	811.0	808.4	804.2	798.5	791.5	783.7	773.9
-67.5°	720.1	722.5	722.1	719.7	722.1	722.5	720.1	716.2	711.3	703.5	691.9
-70°	626.2	625.1	626.6	627.4	626.6	625.1	626.2	625.6	623.4	617.7	607.4
-72.5°	532.9	532.9	531.6	529.0	531.6	532.9	532.9	531.7	529.3	525.2	518.7
-75°	441.2	440.8	439.4	436.7	439.4	440.8	441.2	440.6	439.0	436.2	430.4
-77.5°	345.5	343.1	344.1	344.5	344.1	343.1	345.5	347.0	347.3	345.9	339.8
-80°	257.1	257.1	255.0	252.2	255.0	257.1	257.1	256.4	255.0	252.7	248.4
-82.5°	176.4	177.5	175.1	172.2	175.1	177.5	176.4	174.9	173.0	170.8	167.9
-85°	98.8	97.9	95.2	92.3	95.2	97.9	98.8	99.5	99.9	99.9	96.7
-87.5°	32.1	30.7	30.8	30.8	30.8	30.7	32.1	33.3	34.5	35.6	33.7
-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: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-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°	31.8	29.9	27.9	28.7	29.3	29.8	30.2	29.3	28.3	27.2	26.1
85°	93.3	89.6	85.8	84.7	83.4	81.9	80.1	76.6	72.9	69.0	64.9
82.5°	164.4	160.4	155.9	152.8	149.3	145.4	140.9	134.1	127.3	120.3	113.3
80°	243.5	238.0	232.2	227.0	221.3	215.0	207.6	197.1	186.2	175.3	165.2
77.5°	332.8	324.9	316.3	307.6	298.4	288.8	278.0	264.8	251.4	237.4	223.3
75°	423.3	414.8	404.9	393.3	380.7	367.2	352.7	336.8	320.0	302.4	284.6
72.5°	511.0	502.1	491.8	479.5	465.1	449.2	431.4	411.8	391.2	369.7	348.6
70°	596.5	585.1	574.9	564.3	550.8	534.4	513.4	489.8	465.1	440.1	415.7
67.5°	678.9	664.5	654.4	644.8	632.5	617.5	595.6	570.2	542.5	513.4	484.5
65°	761.0	744.9	734.8	726.0	714.2	699.1	676.1	650.3	621.1	588.6	555.0
62.5°	846.8	833.6	822.5	809.6	795.6	778.8	755.7	728.7	699.1	665.1	626.1
60°	926.9	917.2	899.9	883.8	869.6	852.1	824.6	798.7	774.5	735.4	693.5
57.5°	989.3	977.7	961.7	945.0	927.9	905.4	880.9	856.3	828.3	795.3	756.3
55°	1041.0	1028.4	1013.4	997.0	978.5	953.3	928.0	901.8	874.7	847.3	809.2
52.5°	1097.9	1084.1	1066.4	1044.7	1023.4	998.6	970.2	942.4	917.1	889.0	857.8
50°	1165.5	1148.6	1128.4	1105.4	1076.8	1045.9	1016.2	983.6	957.2	929.8	898.0
47.5°	1256.4	1228.5	1198.6	1171.3	1136.0	1098.7	1064.5	1031.0	999.7	970.1	937.6
45°	1393.0	1340.5	1284.0	1246.3	1201.5	1159.0	1115.0	1077.3	1041.5	1008.1	977.7
42.5°	1589.0	1505.6	1428.5	1353.4	1281.6	1229.4	1174.6	1127.8	1084.4	1045.0	1009.3
40°	1872.2	1728.3	1622.1	1503.6	1407.3	1315.2	1245.3	1181.6	1131.4	1084.4	1041.1
37.5°	2299.8	2061.8	1885.3	1700.4	1566.2	1438.2	1330.4	1247.3	1179.2	1124.8	1074.4
35°	2961.4	2590.3	2259.3	1997.7	1760.2	1591.6	1440.9	1324.6	1237.3	1166.3	1107.3
32.5°	3995.5	3406.5	2805.7	2419.1	2052.4	1777.1	1583.3	1423.2	1299.6	1215.0	1144.2
30°	5603.6	4565.3	3681.5	2960.2	2457.2	2036.7	1741.8	1546.1	1387.9	1264.3	1181.5
27.5°	7937.9	6118.7	4882.2	3758.1	2946.5	2393.9	1971.4	1677.5	1480.8	1333.4	1224.4
25°	10662.8	8485.0	6367.6	4847.4	3652.3	2797.9	2239.6	1861.5	1595.8	1405.4	1262.0
22.5°	13534.6	10980.9	8443.1	6075.9	4527.9	3388.8	2585.8	2047.0	1704.4	1482.1	1316.8
20°	16384.1	13500.6	10609.4	7902.2	5593.9	3967.2	2962.4	2293.4	1856.0	1568.1	1368.8
17.5°	19002.9	15973.6	12805.9	9675.9	6906.8	4846.9	3439.7	2542.4	1988.2	1644.4	1413.8
15°	21482.8	18284.7	14943.2	11557.7	8310.1	5621.6	3846.5	2759.4	2125.7	1733.1	1472.6
12.5°	23728.7	20360.1	16844.1	13175.5	9556.0	6489.8	4389.1	3079.1	2294.7	1825.3	1528.0
10°	25689.2	22092.4	18346.2	14534.8	10760.2	7388.7	4902.0	3351.9	2441.1	1901.6	1573.4
7.5°	27097.2	23456.4	19539.7	15633.5	11739.7	8161.3	5338.0	3567.8	2556.0	1960.1	1608.4
5°	28132.5	24520.1	20534.7	16526.3	12466.8	8738.8	5663.7	3719.6	2638.1	2000.6	1632.6
2.5°	28842.7	25193.2	21200.5	17112.1	12888.8	9077.9	5871.2	3801.3	2677.0	2032.3	1646.0
0°	29044.6	25384.9	21368.3	17419.4	12953.8	9121.8	5954.1	3813.6	2675.7	2048.3	1648.4
-2.5°	28842.7	25193.2	21200.5	17112.1	12888.8	9077.9	5871.2	3801.3	2677.0	2032.3	1646.0
-5°	28132.5	24520.1	20534.7	16526.3	12466.8	8738.8	5663.7	3719.6	2638.1	2000.6	1632.6
-7.5°	27097.2	23456.4	19539.7	15633.5	11739.7	8161.3	5338.0	3567.8	2556.0	1960.1	1608.4
-10°	25689.2	22092.4	18346.2	14534.8	10760.2	7388.7	4902.0	3351.9	2441.1	1901.6	1573.4
-12.5°	23728.7	20360.1	16844.1	13175.5	9556.0	6489.8	4389.1	3079.1	2294.7	1825.3	1528.0
-15°	21482.8	18284.7	14943.2	11557.7	8310.1	5621.6	3846.5	2759.4	2125.7	1733.1	1472.6
-17.5°	19002.9	15973.6	12805.9	9675.9	6906.8	4846.9	3439.7	2542.4	1988.2	1644.4	1413.8
-20°	16384.1	13500.6	10609.4	7902.2	5593.9	3967.2	2962.4	2293.4	1856.0	1568.1	1368.8



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13534.6	10980.9	8443.1	6075.9	4527.9	3388.8	2585.8	2047.0	1704.4	1482.1	1316.8
-25°	10662.8	8485.0	6367.6	4847.4	3652.3	2797.9	2239.6	1861.5	1595.8	1405.4	1262.0
-27.5°	7937.9	6118.7	4882.2	3758.1	2946.5	2393.9	1971.4	1677.5	1480.8	1333.4	1224.4
-30°	5603.6	4565.3	3681.5	2960.2	2457.2	2036.7	1741.8	1546.1	1387.9	1264.3	1181.5
-32.5°	3995.5	3406.5	2805.7	2419.1	2052.4	1777.1	1583.3	1423.2	1299.6	1215.0	1144.2
-35°	2961.4	2590.3	2259.3	1997.7	1760.2	1591.6	1440.9	1324.6	1237.3	1166.3	1107.3
-37.5°	2299.8	2061.8	1885.3	1700.4	1566.2	1438.2	1330.4	1247.3	1179.2	1124.8	1074.4
-40°	1872.2	1728.3	1622.1	1503.6	1407.3	1315.2	1245.3	1181.6	1131.4	1084.4	1041.1
-42.5°	1589.0	1505.6	1428.5	1353.4	1281.6	1229.4	1174.6	1127.8	1084.4	1045.0	1009.3
-45°	1393.0	1340.5	1284.0	1246.3	1201.5	1159.0	1115.0	1077.3	1041.5	1008.1	977.7
-47.5°	1256.4	1228.5	1198.6	1171.3	1136.0	1098.7	1064.5	1031.0	999.7	970.1	937.6
-50°	1165.5	1148.6	1128.4	1105.4	1076.8	1045.9	1016.2	983.6	957.2	929.8	898.0
-52.5°	1097.9	1084.1	1066.4	1044.7	1023.4	998.6	970.2	942.4	917.1	889.0	857.8
-55°	1041.0	1028.4	1013.4	997.0	978.5	953.3	928.0	901.8	874.7	847.3	809.2
-57.5°	989.3	977.7	961.7	945.0	927.9	905.4	880.9	856.3	828.3	795.3	756.3
-60°	926.9	917.2	899.9	883.8	869.6	852.1	824.6	798.7	774.5	735.4	693.5
-62.5°	846.8	833.6	822.5	809.6	795.6	778.8	755.7	728.7	699.1	665.1	626.1
-65°	761.0	744.9	734.8	726.0	714.2	699.1	676.1	650.3	621.1	588.6	555.0
-67.5°	678.9	664.5	654.4	644.8	632.5	617.5	595.6	570.2	542.5	513.4	484.5
-70°	596.5	585.1	574.9	564.3	550.8	534.4	513.4	489.8	465.1	440.1	415.7
-72.5°	511.0	502.1	491.8	479.5	465.1	449.2	431.4	411.8	391.2	369.7	348.6
-75°	423.3	414.8	404.9	393.3	380.7	367.2	352.7	336.8	320.0	302.4	284.6
-77.5°	332.8	324.9	316.3	307.6	298.4	288.8	278.0	264.8	251.4	237.4	223.3
-80°	243.5	238.0	232.2	227.0	221.3	215.0	207.6	197.1	186.2	175.3	165.2
-82.5°	164.4	160.4	155.9	152.8	149.3	145.4	140.9	134.1	127.3	120.3	113.3
-85°	93.3	89.6	85.8	84.7	83.4	81.9	80.1	76.6	72.9	69.0	64.9
-87.5°	31.8	29.9	27.9	28.7	29.3	29.8	30.2	29.3	28.3	27.2	26.1
-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: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-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°	24.9	23.7	22.5	21.2	19.8	18.4	17.0	15.6	13.5	11.6	9.7
85°	60.6	56.2	51.6	46.8	41.8	36.9	34.0	31.1	27.0	23.1	19.4
82.5°	106.3	99.5	92.6	85.4	77.1	68.9	60.9	53.1	44.4	35.3	29.0
80°	155.9	146.2	136.1	125.6	113.5	100.8	89.7	78.9	68.3	57.1	45.2
77.5°	209.7	195.5	180.9	167.5	153.5	138.6	122.8	106.3	92.1	78.8	64.8
75°	267.1	249.9	232.3	214.1	195.4	176.4	158.3	139.3	120.3	100.9	84.2
72.5°	328.1	306.8	284.7	262.2	240.3	217.9	195.0	172.0	149.9	127.3	104.4
70°	390.6	364.7	339.0	313.5	286.8	259.2	233.0	206.1	179.1	153.4	127.3
67.5°	454.5	425.3	395.0	365.1	335.4	304.3	271.5	239.9	209.2	179.1	149.9
65°	521.7	487.1	451.6	417.6	383.7	349.6	313.7	274.4	238.7	205.0	172.0
62.5°	587.7	549.9	510.1	469.6	431.1	393.4	355.2	311.5	268.3	230.2	193.9
60°	651.8	609.4	566.5	521.7	477.9	435.7	393.3	347.6	300.5	254.8	215.1
57.5°	710.5	666.0	618.2	571.0	523.7	477.0	430.2	381.6	331.8	281.6	235.8
55°	765.7	717.2	667.2	616.2	566.6	516.9	466.1	414.3	361.8	308.3	256.1
52.5°	817.5	766.9	713.8	659.6	605.9	554.5	500.9	446.0	390.4	334.0	278.4
50°	862.7	815.1	759.0	701.7	643.5	589.3	534.8	476.8	418.0	358.7	300.2
47.5°	900.7	857.0	802.8	742.5	681.3	623.3	566.5	506.4	444.7	382.4	321.1
45°	937.8	895.7	843.3	781.8	718.6	657.3	597.0	535.0	470.3	405.3	341.0
42.5°	972.7	930.6	881.6	819.5	754.2	690.0	626.6	561.9	494.9	427.0	360.0
40°	1002.4	961.1	917.7	855.7	787.9	720.8	654.8	587.9	518.3	447.7	377.9
37.5°	1031.3	989.0	944.2	889.9	819.4	749.8	681.2	612.9	541.0	467.7	394.8
35°	1059.2	1015.6	968.0	916.3	848.7	776.8	705.9	636.1	562.2	486.8	410.6
32.5°	1084.2	1039.4	990.0	937.8	875.7	801.7	728.8	656.6	581.9	504.9	425.3
30°	1113.9	1059.3	1009.8	958.9	898.8	824.5	749.9	675.7	600.0	521.9	439.1
27.5°	1142.4	1078.5	1027.5	976.4	916.9	845.2	769.5	693.3	616.6	537.5	452.7
25°	1170.0	1100.5	1043.9	991.1	934.3	865.0	787.4	709.5	631.3	551.0	465.3
22.5°	1201.6	1120.6	1059.2	1003.8	950.9	882.9	803.7	724.1	644.3	563.2	476.9
20°	1229.8	1137.2	1073.4	1015.8	963.4	896.5	818.2	737.2	655.9	573.9	487.3
17.5°	1257.2	1156.0	1087.2	1027.4	972.7	908.3	830.9	748.6	666.1	583.2	496.5
15°	1295.4	1177.5	1099.3	1037.2	980.6	918.4	841.8	758.4	674.8	591.1	504.8
12.5°	1328.2	1195.6	1109.2	1045.3	987.0	926.8	850.9	766.5	682.0	598.1	512.2
10°	1354.7	1210.0	1117.0	1051.5	992.0	933.3	858.0	773.3	688.8	604.2	518.2
7.5°	1374.9	1220.7	1122.5	1055.9	995.4	938.1	864.6	779.4	694.2	609.0	522.9
5°	1388.6	1227.7	1127.2	1058.5	997.3	941.0	869.5	783.8	698.1	612.4	526.3
2.5°	1395.8	1230.9	1130.6	1059.2	997.6	942.0	872.4	786.4	700.4	614.4	528.3
0°	1396.3	1230.2	1131.8	1058.0	996.4	941.1	873.4	787.3	701.2	615.1	529.0
-2.5°	1395.8	1230.9	1130.6	1059.2	997.6	942.0	872.4	786.4	700.4	614.4	528.3
-5°	1388.6	1227.7	1127.2	1058.5	997.3	941.0	869.5	783.8	698.1	612.4	526.3
-7.5°	1374.9	1220.7	1122.5	1055.9	995.4	938.1	864.6	779.4	694.2	609.0	522.9
-10°	1354.7	1210.0	1117.0	1051.5	992.0	933.3	858.0	773.3	688.8	604.2	518.2
-12.5°	1328.2	1195.6	1109.2	1045.3	987.0	926.8	850.9	766.5	682.0	598.1	512.2
-15°	1295.4	1177.5	1099.3	1037.2	980.6	918.4	841.8	758.4	674.8	591.1	504.8
-17.5°	1257.2	1156.0	1087.2	1027.4	972.7	908.3	830.9	748.6	666.1	583.2	496.5
-20°	1229.8	1137.2	1073.4	1015.8	963.4	896.5	818.2	737.2	655.9	573.9	487.3



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1201.6	1120.6	1059.2	1003.8	950.9	882.9	803.7	724.1	644.3	563.2	476.9
-25°	1170.0	1100.5	1043.9	991.1	934.3	865.0	787.4	709.5	631.3	551.0	465.3
-27.5°	1142.4	1078.5	1027.5	976.4	916.9	845.2	769.5	693.3	616.6	537.5	452.7
-30°	1113.9	1059.3	1009.8	958.9	898.8	824.5	749.9	675.7	600.0	521.9	439.1
-32.5°	1084.2	1039.4	990.0	937.8	875.7	801.7	728.8	656.6	581.9	504.9	425.3
-35°	1059.2	1015.6	968.0	916.3	848.7	776.8	705.9	636.1	562.2	486.8	410.6
-37.5°	1031.3	989.0	944.2	889.9	819.4	749.8	681.2	612.9	541.0	467.7	394.8
-40°	1002.4	961.1	917.7	855.7	787.9	720.8	654.8	587.9	518.3	447.7	377.9
-42.5°	972.7	930.6	881.6	819.5	754.2	690.0	626.6	561.9	494.9	427.0	360.0
-45°	937.8	895.7	843.3	781.8	718.6	657.3	597.0	535.0	470.3	405.3	341.0
-47.5°	900.7	857.0	802.8	742.5	681.3	623.3	566.5	506.4	444.7	382.4	321.1
-50°	862.7	815.1	759.0	701.7	643.5	589.3	534.8	476.8	418.0	358.7	300.2
-52.5°	817.5	766.9	713.8	659.6	605.9	554.5	500.9	446.0	390.4	334.0	278.4
-55°	765.7	717.2	667.2	616.2	566.6	516.9	466.1	414.3	361.8	308.3	256.1
-57.5°	710.5	666.0	618.2	571.0	523.7	477.0	430.2	381.6	331.8	281.6	235.8
-60°	651.8	609.4	566.5	521.7	477.9	435.7	393.3	347.6	300.5	254.8	215.1
-62.5°	587.7	549.9	510.1	469.6	431.1	393.4	355.2	311.5	268.3	230.2	193.9
-65°	521.7	487.1	451.6	417.6	383.7	349.6	313.7	274.4	238.7	205.0	172.0
-67.5°	454.5	425.3	395.0	365.1	335.4	304.3	271.5	239.9	209.2	179.1	149.9
-70°	390.6	364.7	339.0	313.5	286.8	259.2	233.0	206.1	179.1	153.4	127.3
-72.5°	328.1	306.8	284.7	262.2	240.3	217.9	195.0	172.0	149.9	127.3	104.4
-75°	267.1	249.9	232.3	214.1	195.4	176.4	158.3	139.3	120.3	100.9	84.2
-77.5°	209.7	195.5	180.9	167.5	153.5	138.6	122.8	106.3	92.1	78.8	64.8
-80°	155.9	146.2	136.1	125.6	113.5	100.8	89.7	78.9	68.3	57.1	45.2
-82.5°	106.3	99.5	92.6	85.4	77.1	68.9	60.9	53.1	44.4	35.3	29.0
-85°	60.6	56.2	51.6	46.8	41.8	36.9	34.0	31.1	27.0	23.1	19.4
-87.5°	24.9	23.7	22.5	21.2	19.8	18.4	17.0	15.6	13.5	11.6	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-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°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
85°	15.9	13.3	10.7	8.0	5.4	2.7	0.0
82.5°	23.9	19.9	16.0	12.0	8.0	4.0	0.0
80°	32.9	26.5	21.3	16.0	10.7	5.3	0.0
77.5°	50.0	35.8	26.5	19.9	13.3	6.7	0.0
75°	67.1	50.0	32.9	23.9	15.9	8.0	0.0
72.5°	83.9	64.1	44.1	27.7	18.5	9.3	0.0
70°	100.9	78.0	55.3	32.4	21.0	10.5	0.0
67.5°	120.1	91.7	66.2	40.6	23.5	11.8	0.0
65°	138.9	106.1	77.0	48.7	26.0	13.0	0.0
62.5°	157.3	121.2	87.6	56.6	28.4	14.2	0.0
60°	175.2	136.0	97.9	64.4	30.8	15.4	0.0
57.5°	193.0	150.3	109.1	71.9	35.7	16.5	0.0
55°	210.6	164.1	120.1	79.3	40.5	17.7	0.0
52.5°	227.7	177.7	130.7	86.4	45.2	18.7	0.0
50°	244.4	191.6	140.9	93.3	49.6	19.8	0.0
47.5°	260.8	205.2	150.7	100.2	53.9	20.8	0.0
45°	277.9	218.3	160.1	107.2	58.0	21.8	0.0
42.5°	294.1	230.9	169.0	113.8	61.9	22.7	0.0
40°	309.5	242.9	178.0	120.0	65.6	23.6	0.0
37.5°	324.0	254.5	187.2	125.8	69.0	24.4	0.0
35°	337.6	265.7	195.9	131.2	72.2	25.2	0.0
32.5°	350.3	276.4	204.1	136.2	75.3	26.0	0.0
30°	362.0	286.3	211.8	140.9	78.0	26.7	0.0
27.5°	372.7	295.4	218.6	145.2	80.6	27.3	0.0
25°	382.5	303.7	224.8	149.1	82.8	27.9	0.0
22.5°	391.3	311.0	230.5	152.7	84.9	28.5	0.0
20°	399.0	317.3	235.4	155.8	86.7	28.9	0.0
17.5°	406.0	322.8	239.8	158.6	88.3	29.4	0.0
15°	412.3	327.5	243.5	160.9	89.6	29.7	0.0
12.5°	417.8	331.3	246.6	162.8	90.6	30.1	0.0
10°	422.3	334.4	249.1	164.3	91.5	30.3	0.0
7.5°	425.9	336.6	250.8	165.4	92.0	30.5	0.0
5°	428.5	338.0	252.0	166.1	92.4	30.7	0.0
2.5°	430.1	338.6	252.4	166.3	92.4	30.8	0.0
0°	430.6	338.3	252.2	166.1	92.3	30.8	0.0
-2.5°	430.1	338.6	252.4	166.3	92.4	30.8	0.0
-5°	428.5	338.0	252.0	166.1	92.4	30.7	0.0
-7.5°	425.9	336.6	250.8	165.4	92.0	30.5	0.0
-10°	422.3	334.4	249.1	164.3	91.5	30.3	0.0
-12.5°	417.8	331.3	246.6	162.8	90.6	30.1	0.0
-15°	412.3	327.5	243.5	160.9	89.6	29.7	0.0
-17.5°	406.0	322.8	239.8	158.6	88.3	29.4	0.0
-20°	399.0	317.3	235.4	155.8	86.7	28.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627827 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	391.3	311.0	230.5	152.7	84.9	28.5	0.0
-25°	382.5	303.7	224.8	149.1	82.8	27.9	0.0
-27.5°	372.7	295.4	218.6	145.2	80.6	27.3	0.0
-30°	362.0	286.3	211.8	140.9	78.0	26.7	0.0
-32.5°	350.3	276.4	204.1	136.2	75.3	26.0	0.0
-35°	337.6	265.7	195.9	131.2	72.2	25.2	0.0
-37.5°	324.0	254.5	187.2	125.8	69.0	24.4	0.0
-40°	309.5	242.9	178.0	120.0	65.6	23.6	0.0
-42.5°	294.1	230.9	169.0	113.8	61.9	22.7	0.0
-45°	277.9	218.3	160.1	107.2	58.0	21.8	0.0
-47.5°	260.8	205.2	150.7	100.2	53.9	20.8	0.0
-50°	244.4	191.6	140.9	93.3	49.6	19.8	0.0
-52.5°	227.7	177.7	130.7	86.4	45.2	18.7	0.0
-55°	210.6	164.1	120.1	79.3	40.5	17.7	0.0
-57.5°	193.0	150.3	109.1	71.9	35.7	16.5	0.0
-60°	175.2	136.0	97.9	64.4	30.8	15.4	0.0
-62.5°	157.3	121.2	87.6	56.6	28.4	14.2	0.0
-65°	138.9	106.1	77.0	48.7	26.0	13.0	0.0
-67.5°	120.1	91.7	66.2	40.6	23.5	11.8	0.0
-70°	100.9	78.0	55.3	32.4	21.0	10.5	0.0
-72.5°	83.9	64.1	44.1	27.7	18.5	9.3	0.0
-75°	67.1	50.0	32.9	23.9	15.9	8.0	0.0
-77.5°	50.0	35.8	26.5	19.9	13.3	6.7	0.0
-80°	32.9	26.5	21.3	16.0	10.7	5.3	0.0
-82.5°	23.9	19.9	16.0	12.0	8.0	4.0	0.0
-85°	15.9	13.3	10.7	8.0	5.4	2.7	0.0
-87.5°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)