

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: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627977 (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-SA6E-727-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N138
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

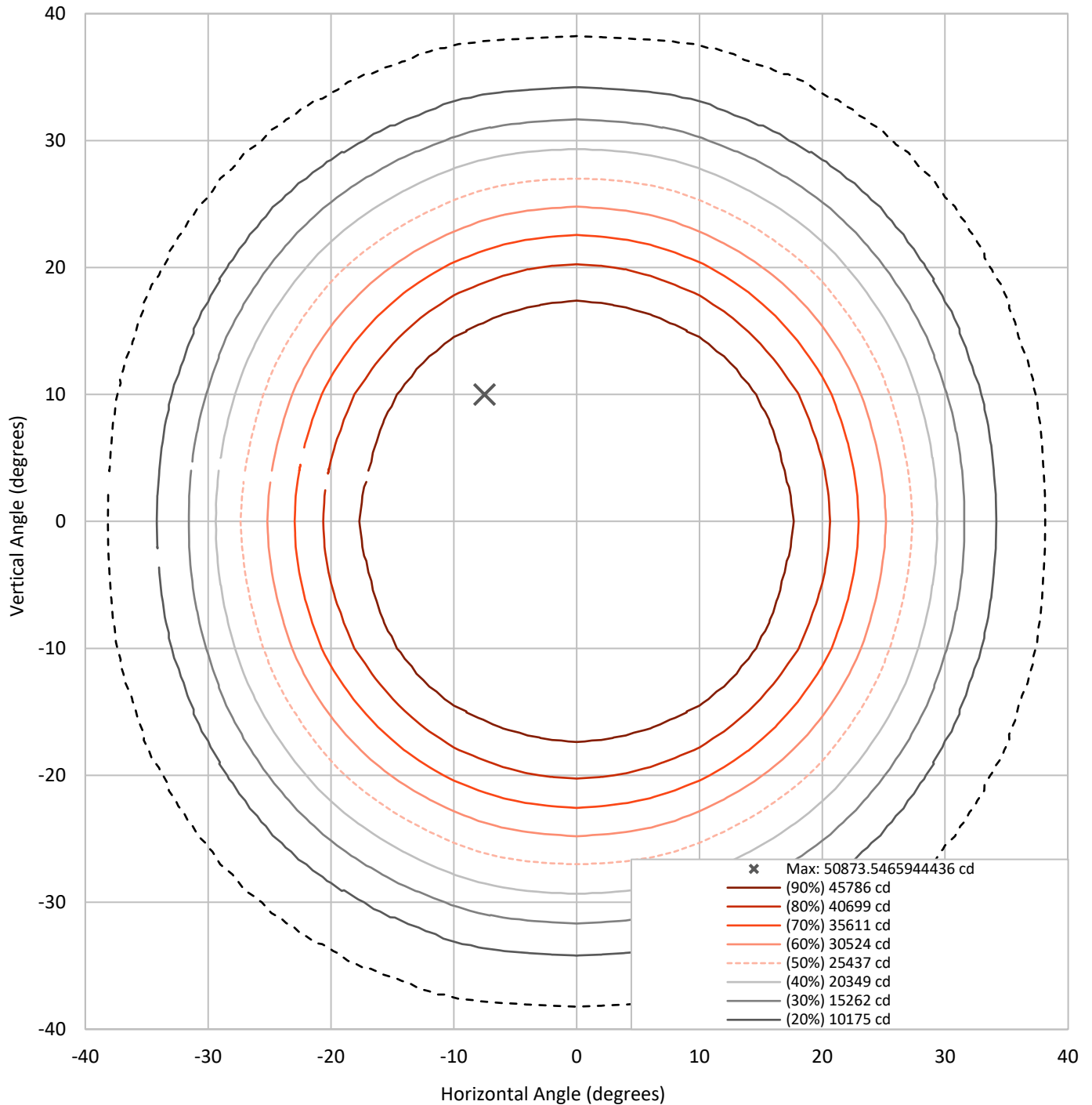
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	43298.2 lumens	Max Intensity:	50873.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	114.9 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:	28738.8 lumens	Field Lumens:	37368.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





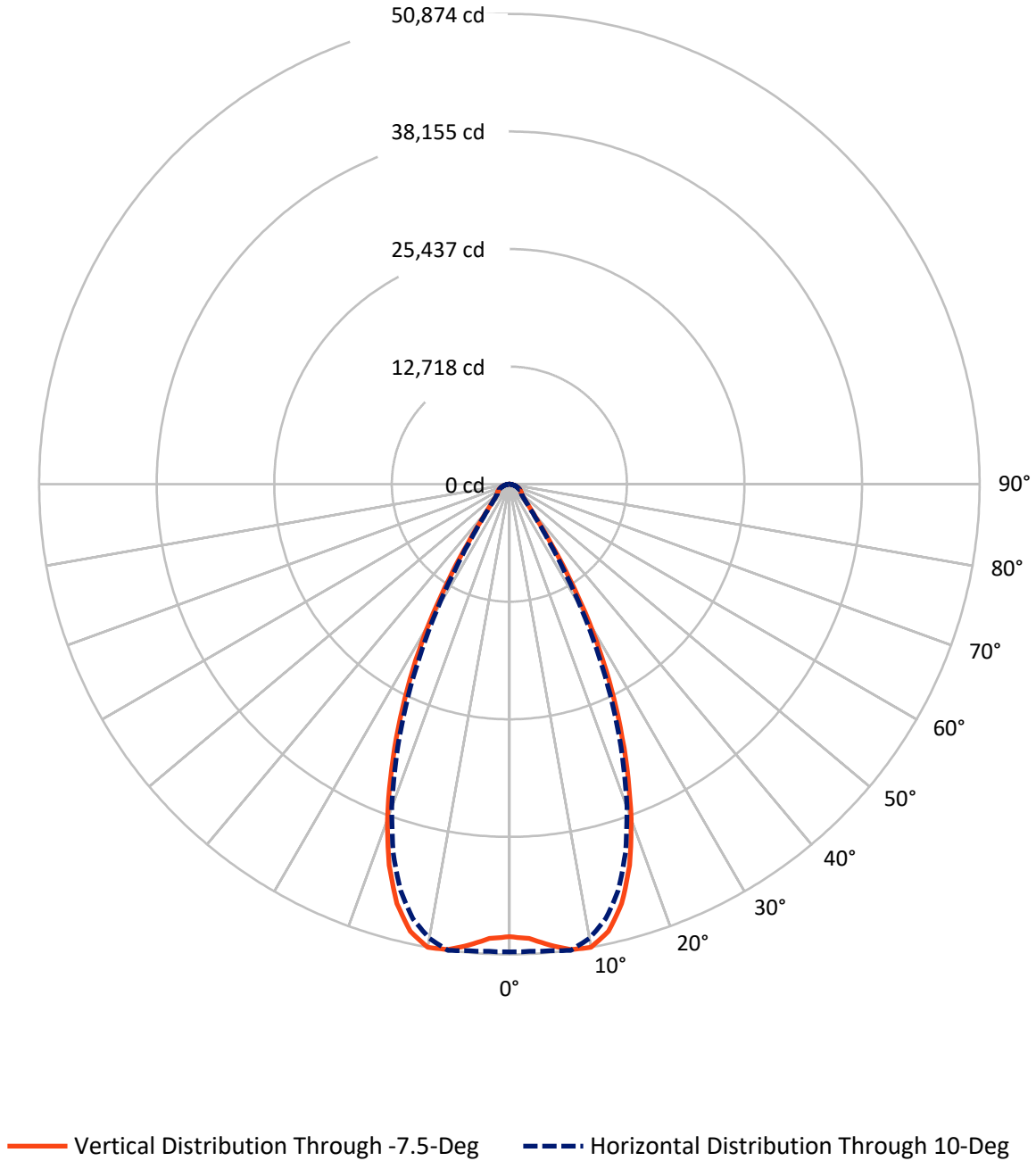
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Lumen Table

90																			
80	1.1	10.2		27.2		43.0		48.0		43.0		27.2		10.2		1.1			
70																			
60	4.6	5.2	10.6	17.3	24.3	29.4	33.3	35.2	35.2	33.3	29.4	24.3	17.3	10.6	5.2	4.6			
50		7.8	15.6	25.0	33.4	40.4	45.2	47.2	47.2	45.2	40.4	33.4	25.0	15.6	7.8				
40	8.1	10.0	19.8	30.3	40.6	52.9	66.5	76.4	76.4	66.5	52.9	40.6	30.3	19.8	10.0	8.1			
30		11.9	23.0	34.9	53.9	98.4	188.3	279.2	279.2	188.3	98.4	53.9	34.9	23.0	11.9				
20	10.5	13.3	25.0	40.7	88.7	277.9	623.6	870.8	870.8	623.6	277.9	88.7	40.7	25.0	13.3	10.5			
10		14.3	26.4	48.3	160.3	592.6	1131.6	1416.2	1416.2	1131.6	592.6	160.3	48.3	26.4	14.3				
0	11.3	14.7	27.0	54.4	230.8	810.9	1372.8	1493.7	1493.7	1372.8	810.9	230.8	54.4	27.0	14.7	11.3			
-10		14.7	27.0	54.4	230.8	810.9	1372.8	1493.7	1493.7	1372.8	810.9	230.8	54.4	27.0	14.7				
-20	10.5	14.3	26.4	48.3	160.3	592.6	1131.6	1416.2	1416.2	1131.6	592.6	160.3	48.3	26.4	14.3	10.5			
-30		13.3	25.0	40.7	88.7	277.9	623.6	870.8	870.8	623.6	277.9	88.7	40.7	25.0	13.3				
-40	8.1	11.9	23.0	34.9	53.9	98.4	188.3	279.2	279.2	188.3	98.4	53.9	34.9	23.0	11.9	8.1			
-50		10.0	19.8	30.3	40.6	52.9	66.5	76.4	76.4	66.5	52.9	40.6	30.3	19.8	10.0				
-60	4.6	7.8	15.6	25.0	33.4	40.4	45.2	47.2	47.2	45.2	40.4	33.4	25.0	15.6	7.8	4.6			
-70		5.2	10.6	17.3	24.3	29.4	33.3	35.2	35.2	33.3	29.4	24.3	17.3	10.6	5.2				
-80																			
-90	1.1	10.2		27.2		43.0		48.0		43.0		27.2		10.2		1.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

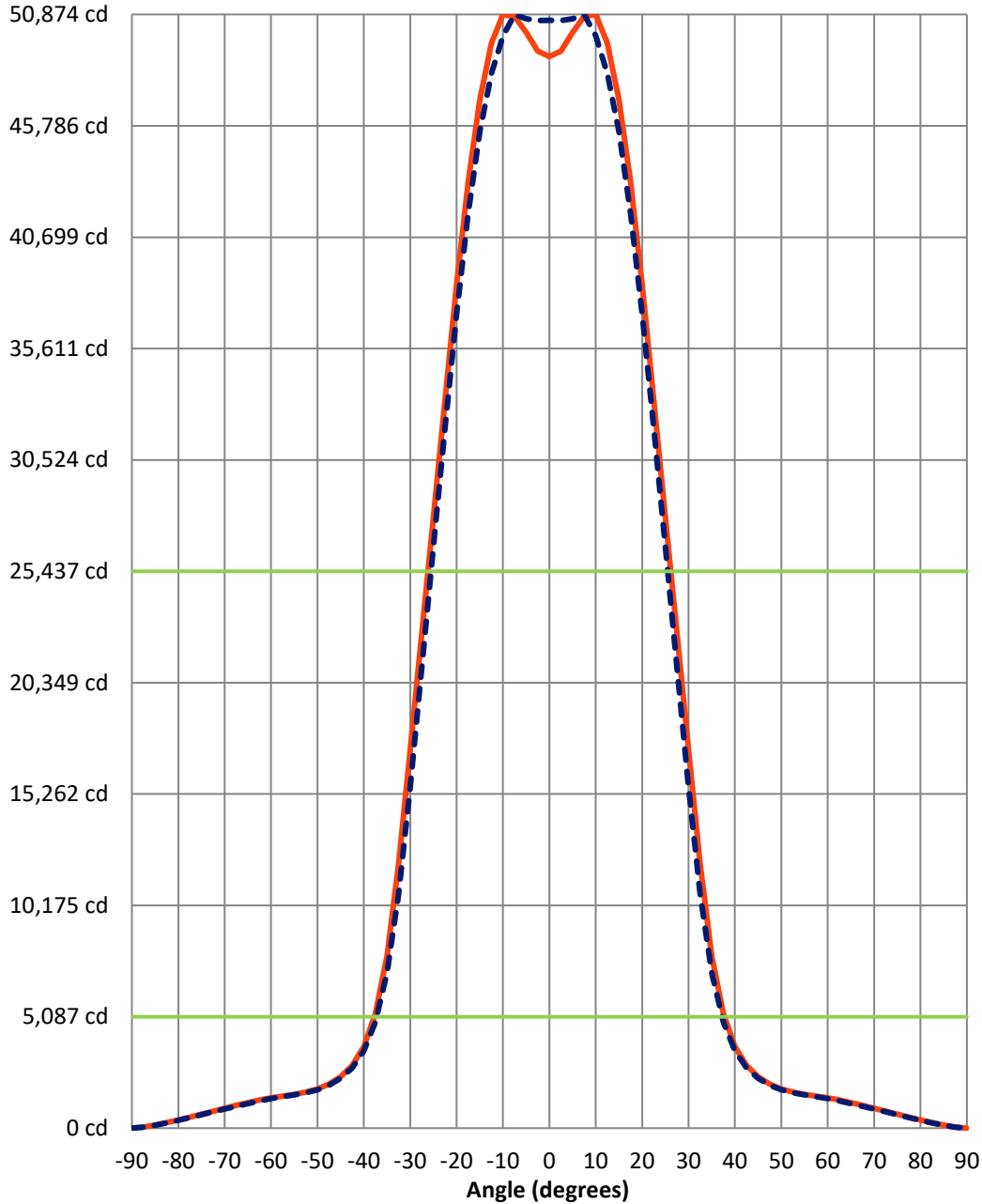
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 28738.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 37368.6
 Efficiency: 86.3%

Spill:
 Lumens: 5929.6
 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	1.9	3.9	5.8	7.7	9.6	11.5	14.0	16.7	19.6	22.6
85°	0.0	3.9	7.7	11.6	15.4	19.2	23.0	28.0	33.4	39.1	45.0
82.5°	0.0	5.8	11.6	17.4	23.1	28.8	34.5	41.9	51.0	64.3	76.9
80°	0.0	7.7	15.4	23.1	30.8	38.3	47.5	65.4	82.7	98.9	114.2
77.5°	0.0	9.6	19.2	28.8	38.3	51.8	72.4	93.7	114.1	133.4	154.0
75°	0.0	11.5	23.0	34.5	47.5	72.4	97.1	121.8	146.1	174.2	201.7
72.5°	0.0	13.4	26.7	40.0	63.8	92.8	121.5	151.2	184.3	216.9	249.0
70°	0.0	15.2	30.4	46.8	80.0	112.9	146.1	184.3	222.0	259.2	298.2
67.5°	0.0	17.0	34.0	58.7	95.9	132.7	173.9	216.9	259.2	302.8	347.2
65°	0.0	18.8	37.6	70.5	111.5	153.7	201.1	249.0	296.7	345.4	397.2
62.5°	0.0	20.5	41.1	81.9	126.8	175.5	227.7	280.6	333.3	388.3	450.8
60°	0.0	22.2	44.5	93.2	141.8	196.8	253.5	311.4	368.9	435.0	503.1
57.5°	0.0	23.9	51.6	104.1	158.0	217.5	279.4	341.4	407.7	480.2	552.4
55°	0.0	25.5	58.6	114.8	173.9	237.6	304.8	370.7	446.3	523.7	599.6
52.5°	0.0	27.1	65.3	125.2	189.3	257.2	329.6	403.0	483.5	565.1	645.5
50°	0.0	28.6	71.8	135.2	204.0	277.4	353.8	434.5	519.2	605.1	690.0
47.5°	0.0	30.1	78.0	145.0	218.2	297.0	377.6	464.7	553.5	643.6	733.0
45°	0.0	31.5	83.9	155.2	231.7	315.9	402.2	493.6	586.5	680.8	774.4
42.5°	0.0	32.8	89.5	164.8	244.6	334.2	425.7	521.0	618.0	716.3	813.4
40°	0.0	34.1	94.9	173.8	257.7	351.7	447.9	547.0	648.0	750.3	851.0
37.5°	0.0	35.3	99.9	182.1	271.0	368.4	468.9	571.4	677.0	783.1	887.1
35°	0.0	36.4	104.5	189.9	283.6	384.7	488.6	594.3	704.6	813.8	920.7
32.5°	0.0	37.5	108.9	197.2	295.5	400.1	507.0	615.5	730.8	842.2	950.4
30°	0.0	38.5	112.9	204.0	306.6	414.4	523.9	635.5	755.5	868.5	978.0
27.5°	0.0	39.5	116.6	210.2	316.5	427.5	539.5	655.3	778.0	892.5	1003.6
25°	0.0	40.3	119.9	215.9	325.5	439.5	553.6	673.5	797.6	913.7	1027.0
22.5°	0.0	41.1	122.8	221.0	333.6	450.2	566.3	690.2	815.1	932.6	1048.2
20°	0.0	41.8	125.5	225.6	340.8	459.3	577.5	705.3	830.7	949.4	1067.0
17.5°	0.0	42.4	127.7	229.5	347.1	467.2	587.6	718.6	844.1	964.2	1083.6
15°	0.0	43.0	129.6	232.9	352.5	474.0	596.8	730.7	855.5	976.8	1097.7
12.5°	0.0	43.4	131.1	235.7	357.0	479.6	604.6	741.3	865.7	987.2	1109.5
10°	0.0	43.8	132.3	237.8	360.5	484.0	611.2	750.1	874.5	997.0	1119.4
7.5°	0.0	44.1	133.1	239.4	363.0	487.2	616.4	756.9	881.4	1004.9	1128.2
5°	0.0	44.3	133.6	240.3	364.7	489.3	620.1	761.8	886.3	1010.5	1134.5
2.5°	0.0	44.5	133.7	240.7	365.3	490.1	622.4	764.7	889.3	1013.9	1138.3
0°	0.0	44.5	133.5	240.4	365.0	489.7	623.2	765.7	890.3	1015.0	1139.6
-2.5°	0.0	44.5	133.7	240.7	365.3	490.1	622.4	764.7	889.3	1013.9	1138.3
-5°	0.0	44.3	133.6	240.3	364.7	489.3	620.1	761.8	886.3	1010.5	1134.5
-7.5°	0.0	44.1	133.1	239.4	363.0	487.2	616.4	756.9	881.4	1004.9	1128.2
-10°	0.0	43.8	132.3	237.8	360.5	484.0	611.2	750.1	874.5	997.0	1119.4
-12.5°	0.0	43.4	131.1	235.7	357.0	479.6	604.6	741.3	865.7	987.2	1109.5
-15°	0.0	43.0	129.6	232.9	352.5	474.0	596.8	730.7	855.5	976.8	1097.7
-17.5°	0.0	42.4	127.7	229.5	347.1	467.2	587.6	718.6	844.1	964.2	1083.6
-20°	0.0	41.8	125.5	225.6	340.8	459.3	577.5	705.3	830.7	949.4	1067.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	41.1	122.8	221.0	333.6	450.2	566.3	690.2	815.1	932.6	1048.2
-25°	0.0	40.3	119.9	215.9	325.5	439.5	553.6	673.5	797.6	913.7	1027.0
-27.5°	0.0	39.5	116.6	210.2	316.5	427.5	539.5	655.3	778.0	892.5	1003.6
-30°	0.0	38.5	112.9	204.0	306.6	414.4	523.9	635.5	755.5	868.5	978.0
-32.5°	0.0	37.5	108.9	197.2	295.5	400.1	507.0	615.5	730.8	842.2	950.4
-35°	0.0	36.4	104.5	189.9	283.6	384.7	488.6	594.3	704.6	813.8	920.7
-37.5°	0.0	35.3	99.9	182.1	271.0	368.4	468.9	571.4	677.0	783.1	887.1
-40°	0.0	34.1	94.9	173.8	257.7	351.7	447.9	547.0	648.0	750.3	851.0
-42.5°	0.0	32.8	89.5	164.8	244.6	334.2	425.7	521.0	618.0	716.3	813.4
-45°	0.0	31.5	83.9	155.2	231.7	315.9	402.2	493.6	586.5	680.8	774.4
-47.5°	0.0	30.1	78.0	145.0	218.2	297.0	377.6	464.7	553.5	643.6	733.0
-50°	0.0	28.6	71.8	135.2	204.0	277.4	353.8	434.5	519.2	605.1	690.0
-52.5°	0.0	27.1	65.3	125.2	189.3	257.2	329.6	403.0	483.5	565.1	645.5
-55°	0.0	25.5	58.6	114.8	173.9	237.6	304.8	370.7	446.3	523.7	599.6
-57.5°	0.0	23.9	51.6	104.1	158.0	217.5	279.4	341.4	407.7	480.2	552.4
-60°	0.0	22.2	44.5	93.2	141.8	196.8	253.5	311.4	368.9	435.0	503.1
-62.5°	0.0	20.5	41.1	81.9	126.8	175.5	227.7	280.6	333.3	388.3	450.8
-65°	0.0	18.8	37.6	70.5	111.5	153.7	201.1	249.0	296.7	345.4	397.2
-67.5°	0.0	17.0	34.0	58.7	95.9	132.7	173.9	216.9	259.2	302.8	347.2
-70°	0.0	15.2	30.4	46.8	80.0	112.9	146.1	184.3	222.0	259.2	298.2
-72.5°	0.0	13.4	26.7	40.0	63.8	92.8	121.5	151.2	184.3	216.9	249.0
-75°	0.0	11.5	23.0	34.5	47.5	72.4	97.1	121.8	146.1	174.2	201.7
-77.5°	0.0	9.6	19.2	28.8	38.3	51.8	72.4	93.7	114.1	133.4	154.0
-80°	0.0	7.7	15.4	23.1	30.8	38.3	47.5	65.4	82.7	98.9	114.2
-82.5°	0.0	5.8	11.6	17.4	23.1	28.8	34.5	41.9	51.0	64.3	76.9
-85°	0.0	3.9	7.7	11.6	15.4	19.2	23.0	28.0	33.4	39.1	45.0
-87.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	14.0	16.7	19.6	22.6
-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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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°	24.7	26.7	28.7	30.6	32.5	34.3	36.1	37.8	39.4	40.9	42.4
85°	49.3	53.3	60.4	67.7	74.6	81.3	87.7	93.9	99.8	105.5	110.8
82.5°	88.2	99.8	111.6	123.6	134.1	144.1	153.9	164.0	174.1	184.2	194.2
80°	129.8	145.9	164.3	181.7	197.0	211.6	225.6	239.1	253.8	269.5	285.4
77.5°	177.8	200.6	222.2	242.4	261.8	283.0	303.5	323.2	343.7	363.9	383.3
75°	229.1	255.3	282.8	309.9	336.2	361.7	386.6	411.9	437.6	463.1	487.4
72.5°	282.2	315.4	347.8	379.4	412.1	444.0	474.8	504.5	535.0	566.2	596.1
70°	337.3	375.2	415.1	453.8	490.6	527.8	565.4	601.6	637.0	673.1	709.0
67.5°	392.9	440.4	485.5	528.4	571.7	615.5	657.8	701.2	743.1	785.2	825.4
65°	454.1	506.1	555.3	604.4	653.6	705.0	755.1	803.4	852.0	899.1	941.3
62.5°	514.1	569.4	623.9	679.7	738.4	796.0	850.7	906.2	962.7	1011.9	1054.7
60°	569.3	630.6	691.6	755.2	820.1	882.1	943.5	1003.8	1064.5	1121.1	1156.1
57.5°	622.6	690.4	758.0	826.5	894.8	964.1	1028.5	1094.8	1151.2	1198.9	1239.5
55°	674.5	748.2	820.2	892.0	965.8	1038.2	1108.3	1171.2	1226.4	1266.2	1305.4
52.5°	725.1	802.7	877.0	954.8	1033.2	1110.0	1183.2	1241.6	1286.8	1327.6	1364.1
50°	774.1	853.0	931.5	1015.8	1098.6	1179.8	1248.7	1299.8	1345.8	1385.4	1423.7
47.5°	820.0	902.3	986.2	1074.8	1161.9	1240.5	1303.8	1357.2	1404.2	1447.0	1492.3
45°	864.1	951.5	1040.2	1131.6	1220.6	1296.6	1357.5	1415.1	1459.1	1507.4	1559.4
42.5°	907.0	998.8	1091.7	1186.1	1276.1	1347.1	1407.9	1460.8	1512.5	1569.7	1632.4
40°	947.8	1043.4	1140.4	1238.7	1328.4	1391.2	1450.8	1506.9	1569.7	1637.6	1710.3
37.5°	986.1	1085.3	1186.0	1288.1	1366.8	1431.6	1492.6	1555.1	1628.1	1706.8	1805.5
35°	1021.8	1124.3	1228.4	1326.4	1401.3	1470.0	1533.2	1602.8	1688.1	1791.0	1917.4
32.5°	1054.9	1160.4	1267.6	1357.5	1433.0	1504.4	1569.3	1656.2	1758.6	1881.2	2060.1
30°	1085.5	1193.5	1301.0	1388.0	1461.6	1533.3	1612.4	1710.2	1830.1	2008.9	2237.8
27.5°	1113.8	1223.5	1327.2	1413.3	1487.2	1561.1	1653.6	1772.3	1930.1	2143.5	2428.0
25°	1139.8	1252.2	1352.4	1434.6	1511.0	1592.9	1693.4	1826.8	2034.3	2309.9	2694.4
22.5°	1163.3	1278.1	1376.4	1453.0	1533.2	1622.0	1739.3	1906.1	2145.3	2467.0	2963.0
20°	1184.4	1297.7	1394.5	1470.4	1553.8	1646.0	1780.1	1981.3	2269.7	2686.5	3319.6
17.5°	1202.8	1314.8	1408.0	1487.1	1573.8	1673.2	1819.9	2046.4	2380.3	2877.9	3680.0
15°	1218.6	1329.4	1419.4	1501.4	1591.2	1704.5	1875.2	2131.5	2508.7	3076.9	3994.0
12.5°	1231.7	1341.5	1428.7	1513.0	1605.6	1730.6	1922.5	2211.8	2642.0	3321.5	4456.9
10°	1242.0	1351.0	1435.8	1522.1	1616.8	1751.5	1960.9	2277.5	2752.5	3533.3	4851.7
7.5°	1251.6	1357.9	1440.8	1528.5	1624.8	1767.0	1990.1	2328.1	2837.2	3699.6	5164.2
5°	1258.6	1362.1	1443.5	1532.2	1631.5	1777.2	2010.0	2363.2	2895.7	3818.6	5384.0
2.5°	1262.9	1363.5	1444.0	1533.2	1636.5	1781.7	2020.3	2382.6	2941.7	3874.8	5502.2
0°	1264.3	1362.2	1442.3	1531.4	1638.2	1780.6	2021.0	2386.1	2964.8	3872.9	5520.0
-2.5°	1262.9	1363.5	1444.0	1533.2	1636.5	1781.7	2020.3	2382.6	2941.7	3874.8	5502.2
-5°	1258.6	1362.1	1443.5	1532.2	1631.5	1777.2	2010.0	2363.2	2895.7	3818.6	5384.0
-7.5°	1251.6	1357.9	1440.8	1528.5	1624.8	1767.0	1990.1	2328.1	2837.2	3699.6	5164.2
-10°	1242.0	1351.0	1435.8	1522.1	1616.8	1751.5	1960.9	2277.5	2752.5	3533.3	4851.7
-12.5°	1231.7	1341.5	1428.7	1513.0	1605.6	1730.6	1922.5	2211.8	2642.0	3321.5	4456.9
-15°	1218.6	1329.4	1419.4	1501.4	1591.2	1704.5	1875.2	2131.5	2508.7	3076.9	3994.0
-17.5°	1202.8	1314.8	1408.0	1487.1	1573.8	1673.2	1819.9	2046.4	2380.3	2877.9	3680.0
-20°	1184.4	1297.7	1394.5	1470.4	1553.8	1646.0	1780.1	1981.3	2269.7	2686.5	3319.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	1163.3	1278.1	1376.4	1453.0	1533.2	1622.0	1739.3	1906.1	2145.3	2467.0	2963.0
-25°	1139.8	1252.2	1352.4	1434.6	1511.0	1592.9	1693.4	1826.8	2034.3	2309.9	2694.4
-27.5°	1113.8	1223.5	1327.2	1413.3	1487.2	1561.1	1653.6	1772.3	1930.1	2143.5	2428.0
-30°	1085.5	1193.5	1301.0	1388.0	1461.6	1533.3	1612.4	1710.2	1830.1	2008.9	2237.8
-32.5°	1054.9	1160.4	1267.6	1357.5	1433.0	1504.4	1569.3	1656.2	1758.6	1881.2	2060.1
-35°	1021.8	1124.3	1228.4	1326.4	1401.3	1470.0	1533.2	1602.8	1688.1	1791.0	1917.4
-37.5°	986.1	1085.3	1186.0	1288.1	1366.8	1431.6	1492.6	1555.1	1628.1	1706.8	1805.5
-40°	947.8	1043.4	1140.4	1238.7	1328.4	1391.2	1450.8	1506.9	1569.7	1637.6	1710.3
-42.5°	907.0	998.8	1091.7	1186.1	1276.1	1347.1	1407.9	1460.8	1512.5	1569.7	1632.4
-45°	864.1	951.5	1040.2	1131.6	1220.6	1296.6	1357.5	1415.1	1459.1	1507.4	1559.4
-47.5°	820.0	902.3	986.2	1074.8	1161.9	1240.5	1303.8	1357.2	1404.2	1447.0	1492.3
-50°	774.1	853.0	931.5	1015.8	1098.6	1179.8	1248.7	1299.8	1345.8	1385.4	1423.7
-52.5°	725.1	802.7	877.0	954.8	1033.2	1110.0	1183.2	1241.6	1286.8	1327.6	1364.1
-55°	674.5	748.2	820.2	892.0	965.8	1038.2	1108.3	1171.2	1226.4	1266.2	1305.4
-57.5°	622.6	690.4	758.0	826.5	894.8	964.1	1028.5	1094.8	1151.2	1198.9	1239.5
-60°	569.3	630.6	691.6	755.2	820.1	882.1	943.5	1003.8	1064.5	1121.1	1156.1
-62.5°	514.1	569.4	623.9	679.7	738.4	796.0	850.7	906.2	962.7	1011.9	1054.7
-65°	454.1	506.1	555.3	604.4	653.6	705.0	755.1	803.4	852.0	899.1	941.3
-67.5°	392.9	440.4	485.5	528.4	571.7	615.5	657.8	701.2	743.1	785.2	825.4
-70°	337.3	375.2	415.1	453.8	490.6	527.8	565.4	601.6	637.0	673.1	709.0
-72.5°	282.2	315.4	347.8	379.4	412.1	444.0	474.8	504.5	535.0	566.2	596.1
-75°	229.1	255.3	282.8	309.9	336.2	361.7	386.6	411.9	437.6	463.1	487.4
-77.5°	177.8	200.6	222.2	242.4	261.8	283.0	303.5	323.2	343.7	363.9	383.3
-80°	129.8	145.9	164.3	181.7	197.0	211.6	225.6	239.1	253.8	269.5	285.4
-82.5°	88.2	99.8	111.6	123.6	134.1	144.1	153.9	164.0	174.1	184.2	194.2
-85°	49.3	53.3	60.4	67.7	74.6	81.3	87.7	93.9	99.8	105.5	110.8
-87.5°	24.7	26.7	28.7	30.6	32.5	34.3	36.1	37.8	39.4	40.9	42.4
-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: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	43.7	43.2	42.4	41.5	40.3	43.2	46.0	48.8	51.6	50.0	48.2
85°	115.9	118.5	120.7	122.6	124.2	129.7	135.0	140.0	144.7	144.6	144.0
82.5°	204.0	210.5	216.1	221.2	225.7	232.1	237.9	243.0	247.2	250.4	253.1
80°	300.5	311.2	320.3	328.5	336.0	344.5	352.5	359.5	365.7	369.0	371.1
77.5°	402.5	418.1	432.0	445.3	457.8	470.3	481.7	491.8	500.6	502.7	502.2
75°	510.6	531.5	551.1	569.3	586.0	600.5	612.6	622.9	631.3	635.4	637.7
72.5°	624.4	650.1	673.2	694.0	711.9	726.7	739.6	750.8	760.2	766.1	769.7
70°	743.1	773.5	797.3	816.8	832.1	846.9	863.5	879.3	894.1	902.4	905.6
67.5°	862.2	893.7	915.4	933.2	947.3	961.8	982.7	1001.5	1018.2	1029.6	1036.7
65°	978.7	1011.9	1033.7	1050.8	1063.7	1078.2	1101.6	1120.2	1134.4	1145.7	1155.9
62.5°	1093.9	1127.3	1151.6	1171.9	1190.6	1206.6	1225.8	1241.4	1253.6	1264.7	1277.3
60°	1193.6	1233.4	1258.8	1279.4	1302.6	1327.6	1341.7	1353.4	1363.6	1372.5	1380.3
57.5°	1275.1	1310.5	1343.2	1368.0	1392.1	1415.3	1431.9	1442.9	1451.9	1458.6	1461.2
55°	1343.3	1379.9	1416.4	1443.1	1466.8	1488.6	1506.8	1521.2	1533.1	1542.5	1544.7
52.5°	1404.4	1445.4	1481.3	1512.2	1543.5	1569.2	1589.3	1608.8	1625.8	1639.6	1645.5
50°	1470.8	1513.9	1558.6	1600.0	1633.3	1662.6	1687.0	1714.6	1743.7	1767.7	1782.8
47.5°	1540.8	1590.4	1644.3	1695.3	1734.8	1778.2	1818.6	1859.7	1913.7	1959.1	1992.8
45°	1613.9	1677.6	1739.1	1803.9	1858.6	1940.4	2016.3	2081.5	2168.2	2246.8	2309.2
42.5°	1700.2	1779.5	1855.1	1959.0	2067.6	2179.3	2300.0	2403.0	2538.5	2676.4	2787.7
40°	1802.5	1903.8	2037.1	2176.5	2348.0	2501.6	2710.0	2895.6	3103.5	3366.4	3583.5
37.5°	1925.7	2081.7	2267.1	2461.3	2728.9	2984.4	3328.9	3691.9	4021.2	4526.8	4952.2
35°	2085.7	2303.8	2547.8	2891.6	3270.3	3749.3	4286.6	4987.7	5588.9	6441.7	7256.7
32.5°	2291.8	2572.2	2970.7	3501.4	4061.2	4930.7	5783.3	7000.7	8127.9	9479.6	10938.4
30°	2521.2	2947.9	3556.7	4284.8	5328.8	6608.1	8111.1	9980.8	12026.9	13926.7	15798.8
27.5°	2853.5	3465.0	4264.9	5439.7	7066.7	8856.6	11489.9	14027.9	16675.8	19029.6	20992.7
25°	3241.7	4049.8	5286.5	7016.4	9216.9	12281.7	15434.0	18566.3	21414.0	23878.2	26047.2
22.5°	3742.8	4905.1	6553.9	8794.6	12221.1	15894.5	19590.9	23045.9	26083.5	28827.5	31175.5
20°	4288.0	5742.3	8096.9	11438.2	15356.7	19541.7	23715.3	27395.7	30740.4	33851.6	36497.9
17.5°	4978.9	7015.6	9997.4	14005.6	18536.0	23121.2	27505.9	31499.9	35294.4	38586.7	41351.6
15°	5567.7	8137.0	12028.6	16729.4	21629.7	26466.5	31095.7	35433.8	39379.0	42757.0	45356.2
12.5°	6353.0	9393.8	13832.0	19071.0	24381.2	29470.6	34346.5	38830.3	42845.3	46186.1	48209.5
10°	7095.4	10694.9	15575.0	21038.6	26555.5	31978.0	37184.2	41782.8	45510.4	48168.0	49892.4
7.5°	7726.6	11813.2	16992.9	22629.0	28283.0	33952.3	39222.2	43696.5	47133.6	49353.0	50553.4
5°	8198.0	12649.1	18045.3	23921.3	29723.2	35491.9	40720.8	44921.1	47891.7	49540.4	50143.1
2.5°	8498.3	13140.0	18656.1	24769.2	30687.0	36466.1	41748.7	45883.1	48403.5	49496.3	49600.1
0°	8618.3	13203.5	18750.2	25214.0	30929.8	36743.7	42041.1	46279.0	48593.9	49493.1	49475.3
-2.5°	8498.3	13140.0	18656.1	24769.2	30687.0	36466.1	41748.7	45883.1	48403.5	49496.3	49600.1
-5°	8198.0	12649.1	18045.3	23921.3	29723.2	35491.9	40720.8	44921.1	47891.7	49540.4	50143.1
-7.5°	7726.6	11813.2	16992.9	22629.0	28283.0	33952.3	39222.2	43696.5	47133.6	49353.0	50553.4
-10°	7095.4	10694.9	15575.0	21038.6	26555.5	31978.0	37184.2	41782.8	45510.4	48168.0	49892.4
-12.5°	6353.0	9393.8	13832.0	19071.0	24381.2	29470.6	34346.5	38830.3	42845.3	46186.1	48209.5
-15°	5567.7	8137.0	12028.6	16729.4	21629.7	26466.5	31095.7	35433.8	39379.0	42757.0	45356.2
-17.5°	4978.9	7015.6	9997.4	14005.6	18536.0	23121.2	27505.9	31499.9	35294.4	38586.7	41351.6
-20°	4288.0	5742.3	8096.9	11438.2	15356.7	19541.7	23715.3	27395.7	30740.4	33851.6	36497.9

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3742.8	4905.1	6553.9	8794.6	12221.1	15894.5	19590.9	23045.9	26083.5	28827.5	31175.5
-25°	3241.7	4049.8	5286.5	7016.4	9216.9	12281.7	15434.0	18566.3	21414.0	23878.2	26047.2
-27.5°	2853.5	3465.0	4264.9	5439.7	7066.7	8856.6	11489.9	14027.9	16675.8	19029.6	20992.7
-30°	2521.2	2947.9	3556.7	4284.8	5328.8	6608.1	8111.1	9980.8	12026.9	13926.7	15798.8
-32.5°	2291.8	2572.2	2970.7	3501.4	4061.2	4930.7	5783.3	7000.7	8127.9	9479.6	10938.4
-35°	2085.7	2303.8	2547.8	2891.6	3270.3	3749.3	4286.6	4987.7	5588.9	6441.7	7256.7
-37.5°	1925.7	2081.7	2267.1	2461.3	2728.9	2984.4	3328.9	3691.9	4021.2	4526.8	4952.2
-40°	1802.5	1903.8	2037.1	2176.5	2348.0	2501.6	2710.0	2895.6	3103.5	3366.4	3583.5
-42.5°	1700.2	1779.5	1855.1	1959.0	2067.6	2179.3	2300.0	2403.0	2538.5	2676.4	2787.7
-45°	1613.9	1677.6	1739.1	1803.9	1858.6	1940.4	2016.3	2081.5	2168.2	2246.8	2309.2
-47.5°	1540.8	1590.4	1644.3	1695.3	1734.8	1778.2	1818.6	1859.7	1913.7	1959.1	1992.8
-50°	1470.8	1513.9	1558.6	1600.0	1633.3	1662.6	1687.0	1714.6	1743.7	1767.7	1782.8
-52.5°	1404.4	1445.4	1481.3	1512.2	1543.5	1569.2	1589.3	1608.8	1625.8	1639.6	1645.5
-55°	1343.3	1379.9	1416.4	1443.1	1466.8	1488.6	1506.8	1521.2	1533.1	1542.5	1544.7
-57.5°	1275.1	1310.5	1343.2	1368.0	1392.1	1415.3	1431.9	1442.9	1451.9	1458.6	1461.2
-60°	1193.6	1233.4	1258.8	1279.4	1302.6	1327.6	1341.7	1353.4	1363.6	1372.5	1380.3
-62.5°	1093.9	1127.3	1151.6	1171.9	1190.6	1206.6	1225.8	1241.4	1253.6	1264.7	1277.3
-65°	978.7	1011.9	1033.7	1050.8	1063.7	1078.2	1101.6	1120.2	1134.4	1145.7	1155.9
-67.5°	862.2	893.7	915.4	933.2	947.3	961.8	982.7	1001.5	1018.2	1029.6	1036.7
-70°	743.1	773.5	797.3	816.8	832.1	846.9	863.5	879.3	894.1	902.4	905.6
-72.5°	624.4	650.1	673.2	694.0	711.9	726.7	739.6	750.8	760.2	766.1	769.7
-75°	510.6	531.5	551.1	569.3	586.0	600.5	612.6	622.9	631.3	635.4	637.7
-77.5°	402.5	418.1	432.0	445.3	457.8	470.3	481.7	491.8	500.6	502.7	502.2
-80°	300.5	311.2	320.3	328.5	336.0	344.5	352.5	359.5	365.7	369.0	371.1
-82.5°	204.0	210.5	216.1	221.2	225.7	232.1	237.9	243.0	247.2	250.4	253.1
-85°	115.9	118.5	120.7	122.6	124.2	129.7	135.0	140.0	144.7	144.6	144.0
-87.5°	43.7	43.2	42.4	41.5	40.3	43.2	46.0	48.8	51.6	50.0	48.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	46.3	44.3	44.5	44.5	44.5	44.3	46.3	48.2	50.0	51.6	48.8
85°	143.1	141.8	137.8	133.5	137.8	141.8	143.1	144.0	144.6	144.7	140.0
82.5°	255.3	256.9	253.5	249.3	253.5	256.9	255.3	253.1	250.4	247.2	243.0
80°	372.1	372.2	369.1	365.0	369.1	372.2	372.1	371.1	369.0	365.7	359.5
77.5°	500.1	496.5	498.0	498.6	498.0	496.5	500.1	502.2	502.7	500.6	491.8
75°	638.6	638.0	635.9	632.1	635.9	638.0	638.6	637.7	635.4	631.3	622.9
72.5°	771.4	771.4	769.4	765.7	769.4	771.4	771.4	769.7	766.1	760.2	750.8
70°	906.3	904.7	907.0	908.1	907.0	904.7	906.3	905.6	902.4	894.1	879.3
67.5°	1042.3	1045.8	1045.3	1041.7	1045.3	1045.8	1042.3	1036.7	1029.6	1018.2	1001.5
65°	1164.1	1170.2	1173.9	1175.2	1173.9	1170.2	1164.1	1155.9	1145.7	1134.4	1120.2
62.5°	1287.2	1294.2	1294.6	1291.0	1294.6	1294.2	1287.2	1277.3	1264.7	1253.6	1241.4
60°	1384.6	1385.7	1384.0	1380.0	1384.0	1385.7	1384.6	1380.3	1372.5	1363.6	1353.4
57.5°	1461.1	1458.6	1455.5	1451.2	1455.5	1458.6	1461.1	1461.2	1458.6	1451.9	1442.9
55°	1543.5	1539.3	1535.6	1531.4	1535.6	1539.3	1543.5	1544.7	1542.5	1533.1	1521.2
52.5°	1646.8	1644.6	1642.0	1638.2	1642.0	1644.6	1646.8	1645.5	1639.6	1625.8	1608.8
50°	1790.6	1792.8	1792.6	1789.6	1792.6	1792.8	1790.6	1782.8	1767.7	1743.7	1714.6
47.5°	2014.1	2025.9	2033.9	2038.8	2033.9	2025.9	2014.1	1992.8	1959.1	1913.7	1859.7
45°	2349.2	2373.0	2389.8	2403.9	2389.8	2373.0	2349.2	2309.2	2246.8	2168.2	2081.5
42.5°	2866.1	2919.4	2944.5	2938.1	2944.5	2919.4	2866.1	2787.7	2676.4	2538.5	2403.0
40°	3728.2	3814.1	3861.7	3899.6	3861.7	3814.1	3728.2	3583.5	3366.4	3103.5	2895.6
37.5°	5242.5	5409.2	5497.1	5573.4	5497.1	5409.2	5242.5	4952.2	4526.8	4021.2	3691.9
35°	7865.6	8240.7	8441.6	8511.5	8441.6	8240.7	7865.6	7256.7	6441.7	5588.9	4987.7
32.5°	12073.5	12765.5	13148.2	13443.9	13148.2	12765.5	12073.5	10938.4	9479.6	8127.9	7000.7
30°	17281.2	18192.8	18699.0	18946.1	18699.0	18192.8	17281.2	15798.8	13926.7	12026.9	9980.8
27.5°	22619.8	23656.0	24201.8	24172.3	24201.8	23656.0	22619.8	20992.7	19029.6	16675.8	14027.9
25°	27906.7	29106.9	29650.7	30137.5	29650.7	29106.9	27906.7	26047.2	23878.2	21414.0	18566.3
22.5°	33253.8	34657.2	35423.0	35782.1	35423.0	34657.2	33253.8	31175.5	28827.5	26083.5	23045.9
20°	38537.3	40099.6	40912.6	41266.5	40912.6	40099.6	38537.3	36497.9	33851.6	30740.4	27395.7
17.5°	43223.2	44748.3	45523.2	45851.7	45523.2	44748.3	43223.2	41351.6	38586.7	35294.4	31499.9
15°	46964.8	48089.8	48748.7	48923.3	48748.7	48089.8	46964.8	45356.2	42757.0	39379.0	35433.8
12.5°	49551.3	49987.0	50303.9	50401.2	50303.9	49987.0	49551.3	48209.5	46186.1	42845.3	38830.3
10°	50873.5	50676.9	50595.7	50606.0	50595.7	50676.9	50873.5	49892.4	48168.0	45510.4	41782.8
7.5°	50782.6	50491.5	49906.7	49813.6	49906.7	50491.5	50782.6	50553.4	49353.0	47133.6	43696.5
5°	50053.0	49522.9	48552.4	48273.4	48552.4	49522.9	50053.0	50143.1	49540.4	47891.7	44921.1
2.5°	49202.6	48247.0	47352.9	46777.6	47352.9	48247.0	49202.6	49600.1	49496.3	48403.5	45883.1
0°	48950.0	47846.0	46688.6	46314.6	46688.6	47846.0	48950.0	49475.3	49493.1	48593.9	46279.0
-2.5°	49202.6	48247.0	47352.9	46777.6	47352.9	48247.0	49202.6	49600.1	49496.3	48403.5	45883.1
-5°	50053.0	49522.9	48552.4	48273.4	48552.4	49522.9	50053.0	50143.1	49540.4	47891.7	44921.1
-7.5°	50782.6	50491.5	49906.7	49813.6	49906.7	50491.5	50782.6	50553.4	49353.0	47133.6	43696.5
-10°	50873.5	50676.9	50595.7	50606.0	50595.7	50676.9	50873.5	49892.4	48168.0	45510.4	41782.8
-12.5°	49551.3	49987.0	50303.9	50401.2	50303.9	49987.0	49551.3	48209.5	46186.1	42845.3	38830.3
-15°	46964.8	48089.8	48748.7	48923.3	48748.7	48089.8	46964.8	45356.2	42757.0	39379.0	35433.8
-17.5°	43223.2	44748.3	45523.2	45851.7	45523.2	44748.3	43223.2	41351.6	38586.7	35294.4	31499.9
-20°	38537.3	40099.6	40912.6	41266.5	40912.6	40099.6	38537.3	36497.9	33851.6	30740.4	27395.7



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	33253.8	34657.2	35423.0	35782.1	35423.0	34657.2	33253.8	31175.5	28827.5	26083.5	23045.9
-25°	27906.7	29106.9	29650.7	30137.5	29650.7	29106.9	27906.7	26047.2	23878.2	21414.0	18566.3
-27.5°	22619.8	23656.0	24201.8	24172.3	24201.8	23656.0	22619.8	20992.7	19029.6	16675.8	14027.9
-30°	17281.2	18192.8	18699.0	18946.1	18699.0	18192.8	17281.2	15798.8	13926.7	12026.9	9980.8
-32.5°	12073.5	12765.5	13148.2	13443.9	13148.2	12765.5	12073.5	10938.4	9479.6	8127.9	7000.7
-35°	7865.6	8240.7	8441.6	8511.5	8441.6	8240.7	7865.6	7256.7	6441.7	5588.9	4987.7
-37.5°	5242.5	5409.2	5497.1	5573.4	5497.1	5409.2	5242.5	4952.2	4526.8	4021.2	3691.9
-40°	3728.2	3814.1	3861.7	3899.6	3861.7	3814.1	3728.2	3583.5	3366.4	3103.5	2895.6
-42.5°	2866.1	2919.4	2944.5	2938.1	2944.5	2919.4	2866.1	2787.7	2676.4	2538.5	2403.0
-45°	2349.2	2373.0	2389.8	2403.9	2389.8	2373.0	2349.2	2309.2	2246.8	2168.2	2081.5
-47.5°	2014.1	2025.9	2033.9	2038.8	2033.9	2025.9	2014.1	1992.8	1959.1	1913.7	1859.7
-50°	1790.6	1792.8	1792.6	1789.6	1792.6	1792.8	1790.6	1782.8	1767.7	1743.7	1714.6
-52.5°	1646.8	1644.6	1642.0	1638.2	1642.0	1644.6	1646.8	1645.5	1639.6	1625.8	1608.8
-55°	1543.5	1539.3	1535.6	1531.4	1535.6	1539.3	1543.5	1544.7	1542.5	1533.1	1521.2
-57.5°	1461.1	1458.6	1455.5	1451.2	1455.5	1458.6	1461.1	1461.2	1458.6	1451.9	1442.9
-60°	1384.6	1385.7	1384.0	1380.0	1384.0	1385.7	1384.6	1380.3	1372.5	1363.6	1353.4
-62.5°	1287.2	1294.2	1294.6	1291.0	1294.6	1294.2	1287.2	1277.3	1264.7	1253.6	1241.4
-65°	1164.1	1170.2	1173.9	1175.2	1173.9	1170.2	1164.1	1155.9	1145.7	1134.4	1120.2
-67.5°	1042.3	1045.8	1045.3	1041.7	1045.3	1045.8	1042.3	1036.7	1029.6	1018.2	1001.5
-70°	906.3	904.7	907.0	908.1	907.0	904.7	906.3	905.6	902.4	894.1	879.3
-72.5°	771.4	771.4	769.4	765.7	769.4	771.4	771.4	769.7	766.1	760.2	750.8
-75°	638.6	638.0	635.9	632.1	635.9	638.0	638.6	637.7	635.4	631.3	622.9
-77.5°	500.1	496.5	498.0	498.6	498.0	496.5	500.1	502.2	502.7	500.6	491.8
-80°	372.1	372.2	369.1	365.0	369.1	372.2	372.1	371.1	369.0	365.7	359.5
-82.5°	255.3	256.9	253.5	249.3	253.5	256.9	255.3	253.1	250.4	247.2	243.0
-85°	143.1	141.8	137.8	133.5	137.8	141.8	143.1	144.0	144.6	144.7	140.0
-87.5°	46.3	44.3	44.5	44.5	44.5	44.3	46.3	48.2	50.0	51.6	48.8
-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: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	46.0	43.2	40.3	41.5	42.4	43.2	43.7	42.4	40.9	39.4	37.8
85°	135.0	129.7	124.2	122.6	120.7	118.5	115.9	110.8	105.5	99.8	93.9
82.5°	237.9	232.1	225.7	221.2	216.1	210.5	204.0	194.2	184.2	174.1	164.0
80°	352.5	344.5	336.0	328.5	320.3	311.2	300.5	285.4	269.5	253.8	239.1
77.5°	481.7	470.3	457.8	445.3	432.0	418.1	402.5	383.3	363.9	343.7	323.2
75°	612.6	600.5	586.0	569.3	551.1	531.5	510.6	487.4	463.1	437.6	411.9
72.5°	739.6	726.7	711.9	694.0	673.2	650.1	624.4	596.1	566.2	535.0	504.5
70°	863.5	846.9	832.1	816.8	797.3	773.5	743.1	709.0	673.1	637.0	601.6
67.5°	982.7	961.8	947.3	933.2	915.4	893.7	862.2	825.4	785.2	743.1	701.2
65°	1101.6	1078.2	1063.7	1050.8	1033.7	1011.9	978.7	941.3	899.1	852.0	803.4
62.5°	1225.8	1206.6	1190.6	1171.9	1151.6	1127.3	1093.9	1054.7	1011.9	962.7	906.2
60°	1341.7	1327.6	1302.6	1279.4	1258.8	1233.4	1193.6	1156.1	1121.1	1064.5	1003.8
57.5°	1431.9	1415.3	1392.1	1368.0	1343.2	1310.5	1275.1	1239.5	1198.9	1151.2	1094.8
55°	1506.8	1488.6	1466.8	1443.1	1416.4	1379.9	1343.3	1305.4	1266.2	1226.4	1171.2
52.5°	1589.3	1569.2	1543.5	1512.2	1481.3	1445.4	1404.4	1364.1	1327.6	1286.8	1241.6
50°	1687.0	1662.6	1633.3	1600.0	1558.6	1513.9	1470.8	1423.7	1385.4	1345.8	1299.8
47.5°	1818.6	1778.2	1734.8	1695.3	1644.3	1590.4	1540.8	1492.3	1447.0	1404.2	1357.2
45°	2016.3	1940.4	1858.6	1803.9	1739.1	1677.6	1613.9	1559.4	1507.4	1459.1	1415.1
42.5°	2300.0	2179.3	2067.6	1959.0	1855.1	1779.5	1700.2	1632.4	1569.7	1512.5	1460.8
40°	2710.0	2501.6	2348.0	2176.5	2037.1	1903.8	1802.5	1710.3	1637.6	1569.7	1506.9
37.5°	3328.9	2984.4	2728.9	2461.3	2267.1	2081.7	1925.7	1805.5	1706.8	1628.1	1555.1
35°	4286.6	3749.3	3270.3	2891.6	2547.8	2303.8	2085.7	1917.4	1791.0	1688.1	1602.8
32.5°	5783.3	4930.7	4061.2	3501.4	2970.7	2572.2	2291.8	2060.1	1881.2	1758.6	1656.2
30°	8111.1	6608.1	5328.8	4284.8	3556.7	2947.9	2521.2	2237.8	2008.9	1830.1	1710.2
27.5°	11489.9	8856.6	7066.7	5439.7	4264.9	3465.0	2853.5	2428.0	2143.5	1930.1	1772.3
25°	15434.0	12281.7	9216.9	7016.4	5286.5	4049.8	3241.7	2694.4	2309.9	2034.3	1826.8
22.5°	19590.9	15894.5	12221.1	8794.6	6553.9	4905.1	3742.8	2963.0	2467.0	2145.3	1906.1
20°	23715.3	19541.7	15356.7	11438.2	8096.9	5742.3	4288.0	3319.6	2686.5	2269.7	1981.3
17.5°	27505.9	23121.2	18536.0	14005.6	9997.4	7015.6	4978.9	3680.0	2877.9	2380.3	2046.4
15°	31095.7	26466.5	21629.7	16729.4	12028.6	8137.0	5567.7	3994.0	3076.9	2508.7	2131.5
12.5°	34346.5	29470.6	24381.2	19071.0	13832.0	9393.8	6353.0	4456.9	3321.5	2642.0	2211.8
10°	37184.2	31978.0	26555.5	21038.6	15575.0	10694.9	7095.4	4851.7	3533.3	2752.5	2277.5
7.5°	39222.2	33952.3	28283.0	22629.0	16992.9	11813.2	7726.6	5164.2	3699.6	2837.2	2328.1
5°	40720.8	35491.9	29723.2	23921.3	18045.3	12649.1	8198.0	5384.0	3818.6	2895.7	2363.2
2.5°	41748.7	36466.1	30687.0	24769.2	18656.1	13140.0	8498.3	5502.2	3874.8	2941.7	2382.6
0°	42041.1	36743.7	30929.8	25214.0	18750.2	13203.5	8618.3	5520.0	3872.9	2964.8	2386.1
-2.5°	41748.7	36466.1	30687.0	24769.2	18656.1	13140.0	8498.3	5502.2	3874.8	2941.7	2382.6
-5°	40720.8	35491.9	29723.2	23921.3	18045.3	12649.1	8198.0	5384.0	3818.6	2895.7	2363.2
-7.5°	39222.2	33952.3	28283.0	22629.0	16992.9	11813.2	7726.6	5164.2	3699.6	2837.2	2328.1
-10°	37184.2	31978.0	26555.5	21038.6	15575.0	10694.9	7095.4	4851.7	3533.3	2752.5	2277.5
-12.5°	34346.5	29470.6	24381.2	19071.0	13832.0	9393.8	6353.0	4456.9	3321.5	2642.0	2211.8
-15°	31095.7	26466.5	21629.7	16729.4	12028.6	8137.0	5567.7	3994.0	3076.9	2508.7	2131.5
-17.5°	27505.9	23121.2	18536.0	14005.6	9997.4	7015.6	4978.9	3680.0	2877.9	2380.3	2046.4
-20°	23715.3	19541.7	15356.7	11438.2	8096.9	5742.3	4288.0	3319.6	2686.5	2269.7	1981.3



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19590.9	15894.5	12221.1	8794.6	6553.9	4905.1	3742.8	2963.0	2467.0	2145.3	1906.1
-25°	15434.0	12281.7	9216.9	7016.4	5286.5	4049.8	3241.7	2694.4	2309.9	2034.3	1826.8
-27.5°	11489.9	8856.6	7066.7	5439.7	4264.9	3465.0	2853.5	2428.0	2143.5	1930.1	1772.3
-30°	8111.1	6608.1	5328.8	4284.8	3556.7	2947.9	2521.2	2237.8	2008.9	1830.1	1710.2
-32.5°	5783.3	4930.7	4061.2	3501.4	2970.7	2572.2	2291.8	2060.1	1881.2	1758.6	1656.2
-35°	4286.6	3749.3	3270.3	2891.6	2547.8	2303.8	2085.7	1917.4	1791.0	1688.1	1602.8
-37.5°	3328.9	2984.4	2728.9	2461.3	2267.1	2081.7	1925.7	1805.5	1706.8	1628.1	1555.1
-40°	2710.0	2501.6	2348.0	2176.5	2037.1	1903.8	1802.5	1710.3	1637.6	1569.7	1506.9
-42.5°	2300.0	2179.3	2067.6	1959.0	1855.1	1779.5	1700.2	1632.4	1569.7	1512.5	1460.8
-45°	2016.3	1940.4	1858.6	1803.9	1739.1	1677.6	1613.9	1559.4	1507.4	1459.1	1415.1
-47.5°	1818.6	1778.2	1734.8	1695.3	1644.3	1590.4	1540.8	1492.3	1447.0	1404.2	1357.2
-50°	1687.0	1662.6	1633.3	1600.0	1558.6	1513.9	1470.8	1423.7	1385.4	1345.8	1299.8
-52.5°	1589.3	1569.2	1543.5	1512.2	1481.3	1445.4	1404.4	1364.1	1327.6	1286.8	1241.6
-55°	1506.8	1488.6	1466.8	1443.1	1416.4	1379.9	1343.3	1305.4	1266.2	1226.4	1171.2
-57.5°	1431.9	1415.3	1392.1	1368.0	1343.2	1310.5	1275.1	1239.5	1198.9	1151.2	1094.8
-60°	1341.7	1327.6	1302.6	1279.4	1258.8	1233.4	1193.6	1156.1	1121.1	1064.5	1003.8
-62.5°	1225.8	1206.6	1190.6	1171.9	1151.6	1127.3	1093.9	1054.7	1011.9	962.7	906.2
-65°	1101.6	1078.2	1063.7	1050.8	1033.7	1011.9	978.7	941.3	899.1	852.0	803.4
-67.5°	982.7	961.8	947.3	933.2	915.4	893.7	862.2	825.4	785.2	743.1	701.2
-70°	863.5	846.9	832.1	816.8	797.3	773.5	743.1	709.0	673.1	637.0	601.6
-72.5°	739.6	726.7	711.9	694.0	673.2	650.1	624.4	596.1	566.2	535.0	504.5
-75°	612.6	600.5	586.0	569.3	551.1	531.5	510.6	487.4	463.1	437.6	411.9
-77.5°	481.7	470.3	457.8	445.3	432.0	418.1	402.5	383.3	363.9	343.7	323.2
-80°	352.5	344.5	336.0	328.5	320.3	311.2	300.5	285.4	269.5	253.8	239.1
-82.5°	237.9	232.1	225.7	221.2	216.1	210.5	204.0	194.2	184.2	174.1	164.0
-85°	135.0	129.7	124.2	122.6	120.7	118.5	115.9	110.8	105.5	99.8	93.9
-87.5°	46.0	43.2	40.3	41.5	42.4	43.2	43.7	42.4	40.9	39.4	37.8
-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: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	36.1	34.3	32.5	30.6	28.7	26.7	24.7	22.6	19.6	16.7	14.0
85°	87.7	81.3	74.6	67.7	60.4	53.3	49.3	45.0	39.1	33.4	28.0
82.5°	153.9	144.1	134.1	123.6	111.6	99.8	88.2	76.9	64.3	51.0	41.9
80°	225.6	211.6	197.0	181.7	164.3	145.9	129.8	114.2	98.9	82.7	65.4
77.5°	303.5	283.0	261.8	242.4	222.2	200.6	177.8	154.0	133.4	114.1	93.7
75°	386.6	361.7	336.2	309.9	282.8	255.3	229.1	201.7	174.2	146.1	121.8
72.5°	474.8	444.0	412.1	379.4	347.8	315.4	282.2	249.0	216.9	184.3	151.2
70°	565.4	527.8	490.6	453.8	415.1	375.2	337.3	298.2	259.2	222.0	184.3
67.5°	657.8	615.5	571.7	528.4	485.5	440.4	392.9	347.2	302.8	259.2	216.9
65°	755.1	705.0	653.6	604.4	555.3	506.1	454.1	397.2	345.4	296.7	249.0
62.5°	850.7	796.0	738.4	679.7	623.9	569.4	514.1	450.8	388.3	333.3	280.6
60°	943.5	882.1	820.1	755.2	691.6	630.6	569.3	503.1	435.0	368.9	311.4
57.5°	1028.5	964.1	894.8	826.5	758.0	690.4	622.6	552.4	480.2	407.7	341.4
55°	1108.3	1038.2	965.8	892.0	820.2	748.2	674.5	599.6	523.7	446.3	370.7
52.5°	1183.2	1110.0	1033.2	954.8	877.0	802.7	725.1	645.5	565.1	483.5	403.0
50°	1248.7	1179.8	1098.6	1015.8	931.5	853.0	774.1	690.0	605.1	519.2	434.5
47.5°	1303.8	1240.5	1161.9	1074.8	986.2	902.3	820.0	733.0	643.6	553.5	464.7
45°	1357.5	1296.6	1220.6	1131.6	1040.2	951.5	864.1	774.4	680.8	586.5	493.6
42.5°	1407.9	1347.1	1276.1	1186.1	1091.7	998.8	907.0	813.4	716.3	618.0	521.0
40°	1450.8	1391.2	1328.4	1238.7	1140.4	1043.4	947.8	851.0	750.3	648.0	547.0
37.5°	1492.6	1431.6	1366.8	1288.1	1186.0	1085.3	986.1	887.1	783.1	677.0	571.4
35°	1533.2	1470.0	1401.3	1326.4	1228.4	1124.3	1021.8	920.7	813.8	704.6	594.3
32.5°	1569.3	1504.4	1433.0	1357.5	1267.6	1160.4	1054.9	950.4	842.2	730.8	615.5
30°	1612.4	1533.3	1461.6	1388.0	1301.0	1193.5	1085.5	978.0	868.5	755.5	635.5
27.5°	1653.6	1561.1	1487.2	1413.3	1327.2	1223.5	1113.8	1003.6	892.5	778.0	655.3
25°	1693.4	1592.9	1511.0	1434.6	1352.4	1252.2	1139.8	1027.0	913.7	797.6	673.5
22.5°	1739.3	1622.0	1533.2	1453.0	1376.4	1278.1	1163.3	1048.2	932.6	815.1	690.2
20°	1780.1	1646.0	1553.8	1470.4	1394.5	1297.7	1184.4	1067.0	949.4	830.7	705.3
17.5°	1819.9	1673.2	1573.8	1487.1	1408.0	1314.8	1202.8	1083.6	964.2	844.1	718.6
15°	1875.2	1704.5	1591.2	1501.4	1419.4	1329.4	1218.6	1097.7	976.8	855.5	730.7
12.5°	1922.5	1730.6	1605.6	1513.0	1428.7	1341.5	1231.7	1109.5	987.2	865.7	741.3
10°	1960.9	1751.5	1616.8	1522.1	1435.8	1351.0	1242.0	1119.4	997.0	874.5	750.1
7.5°	1990.1	1767.0	1624.8	1528.5	1440.8	1357.9	1251.6	1128.2	1004.9	881.4	756.9
5°	2010.0	1777.2	1631.5	1532.2	1443.5	1362.1	1258.6	1134.5	1010.5	886.3	761.8
2.5°	2020.3	1781.7	1636.5	1533.2	1444.0	1363.5	1262.9	1138.3	1013.9	889.3	764.7
0°	2021.0	1780.6	1638.2	1531.4	1442.3	1362.2	1264.3	1139.6	1015.0	890.3	765.7
-2.5°	2020.3	1781.7	1636.5	1533.2	1444.0	1363.5	1262.9	1138.3	1013.9	889.3	764.7
-5°	2010.0	1777.2	1631.5	1532.2	1443.5	1362.1	1258.6	1134.5	1010.5	886.3	761.8
-7.5°	1990.1	1767.0	1624.8	1528.5	1440.8	1357.9	1251.6	1128.2	1004.9	881.4	756.9
-10°	1960.9	1751.5	1616.8	1522.1	1435.8	1351.0	1242.0	1119.4	997.0	874.5	750.1
-12.5°	1922.5	1730.6	1605.6	1513.0	1428.7	1341.5	1231.7	1109.5	987.2	865.7	741.3
-15°	1875.2	1704.5	1591.2	1501.4	1419.4	1329.4	1218.6	1097.7	976.8	855.5	730.7
-17.5°	1819.9	1673.2	1573.8	1487.1	1408.0	1314.8	1202.8	1083.6	964.2	844.1	718.6
-20°	1780.1	1646.0	1553.8	1470.4	1394.5	1297.7	1184.4	1067.0	949.4	830.7	705.3

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Scaled Data Report



REPORT NUMBER: P627977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	1739.3	1622.0	1533.2	1453.0	1376.4	1278.1	1163.3	1048.2	932.6	815.1	690.2
-25°	1693.4	1592.9	1511.0	1434.6	1352.4	1252.2	1139.8	1027.0	913.7	797.6	673.5
-27.5°	1653.6	1561.1	1487.2	1413.3	1327.2	1223.5	1113.8	1003.6	892.5	778.0	655.3
-30°	1612.4	1533.3	1461.6	1388.0	1301.0	1193.5	1085.5	978.0	868.5	755.5	635.5
-32.5°	1569.3	1504.4	1433.0	1357.5	1267.6	1160.4	1054.9	950.4	842.2	730.8	615.5
-35°	1533.2	1470.0	1401.3	1326.4	1228.4	1124.3	1021.8	920.7	813.8	704.6	594.3
-37.5°	1492.6	1431.6	1366.8	1288.1	1186.0	1085.3	986.1	887.1	783.1	677.0	571.4
-40°	1450.8	1391.2	1328.4	1238.7	1140.4	1043.4	947.8	851.0	750.3	648.0	547.0
-42.5°	1407.9	1347.1	1276.1	1186.1	1091.7	998.8	907.0	813.4	716.3	618.0	521.0
-45°	1357.5	1296.6	1220.6	1131.6	1040.2	951.5	864.1	774.4	680.8	586.5	493.6
-47.5°	1303.8	1240.5	1161.9	1074.8	986.2	902.3	820.0	733.0	643.6	553.5	464.7
-50°	1248.7	1179.8	1098.6	1015.8	931.5	853.0	774.1	690.0	605.1	519.2	434.5
-52.5°	1183.2	1110.0	1033.2	954.8	877.0	802.7	725.1	645.5	565.1	483.5	403.0
-55°	1108.3	1038.2	965.8	892.0	820.2	748.2	674.5	599.6	523.7	446.3	370.7
-57.5°	1028.5	964.1	894.8	826.5	758.0	690.4	622.6	552.4	480.2	407.7	341.4
-60°	943.5	882.1	820.1	755.2	691.6	630.6	569.3	503.1	435.0	368.9	311.4
-62.5°	850.7	796.0	738.4	679.7	623.9	569.4	514.1	450.8	388.3	333.3	280.6
-65°	755.1	705.0	653.6	604.4	555.3	506.1	454.1	397.2	345.4	296.7	249.0
-67.5°	657.8	615.5	571.7	528.4	485.5	440.4	392.9	347.2	302.8	259.2	216.9
-70°	565.4	527.8	490.6	453.8	415.1	375.2	337.3	298.2	259.2	222.0	184.3
-72.5°	474.8	444.0	412.1	379.4	347.8	315.4	282.2	249.0	216.9	184.3	151.2
-75°	386.6	361.7	336.2	309.9	282.8	255.3	229.1	201.7	174.2	146.1	121.8
-77.5°	303.5	283.0	261.8	242.4	222.2	200.6	177.8	154.0	133.4	114.1	93.7
-80°	225.6	211.6	197.0	181.7	164.3	145.9	129.8	114.2	98.9	82.7	65.4
-82.5°	153.9	144.1	134.1	123.6	111.6	99.8	88.2	76.9	64.3	51.0	41.9
-85°	87.7	81.3	74.6	67.7	60.4	53.3	49.3	45.0	39.1	33.4	28.0
-87.5°	36.1	34.3	32.5	30.6	28.7	26.7	24.7	22.6	19.6	16.7	14.0
-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°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
85°	23.0	19.2	15.4	11.6	7.7	3.9	0.0
82.5°	34.5	28.8	23.1	17.4	11.6	5.8	0.0
80°	47.5	38.3	30.8	23.1	15.4	7.7	0.0
77.5°	72.4	51.8	38.3	28.8	19.2	9.6	0.0
75°	97.1	72.4	47.5	34.5	23.0	11.5	0.0
72.5°	121.5	92.8	63.8	40.0	26.7	13.4	0.0
70°	146.1	112.9	80.0	46.8	30.4	15.2	0.0
67.5°	173.9	132.7	95.9	58.7	34.0	17.0	0.0
65°	201.1	153.7	111.5	70.5	37.6	18.8	0.0
62.5°	227.7	175.5	126.8	81.9	41.1	20.5	0.0
60°	253.5	196.8	141.8	93.2	44.5	22.2	0.0
57.5°	279.4	217.5	158.0	104.1	51.6	23.9	0.0
55°	304.8	237.6	173.9	114.8	58.6	25.5	0.0
52.5°	329.6	257.2	189.3	125.2	65.3	27.1	0.0
50°	353.8	277.4	204.0	135.2	71.8	28.6	0.0
47.5°	377.6	297.0	218.2	145.0	78.0	30.1	0.0
45°	402.2	315.9	231.7	155.2	83.9	31.5	0.0
42.5°	425.7	334.2	244.6	164.8	89.5	32.8	0.0
40°	447.9	351.7	257.7	173.8	94.9	34.1	0.0
37.5°	468.9	368.4	271.0	182.1	99.9	35.3	0.0
35°	488.6	384.7	283.6	189.9	104.5	36.4	0.0
32.5°	507.0	400.1	295.5	197.2	108.9	37.5	0.0
30°	523.9	414.4	306.6	204.0	112.9	38.5	0.0
27.5°	539.5	427.5	316.5	210.2	116.6	39.5	0.0
25°	553.6	439.5	325.5	215.9	119.9	40.3	0.0
22.5°	566.3	450.2	333.6	221.0	122.8	41.1	0.0
20°	577.5	459.3	340.8	225.6	125.5	41.8	0.0
17.5°	587.6	467.2	347.1	229.5	127.7	42.4	0.0
15°	596.8	474.0	352.5	232.9	129.6	43.0	0.0
12.5°	604.6	479.6	357.0	235.7	131.1	43.4	0.0
10°	611.2	484.0	360.5	237.8	132.3	43.8	0.0
7.5°	616.4	487.2	363.0	239.4	133.1	44.1	0.0
5°	620.1	489.3	364.7	240.3	133.6	44.3	0.0
2.5°	622.4	490.1	365.3	240.7	133.7	44.5	0.0
0°	623.2	489.7	365.0	240.4	133.5	44.5	0.0
-2.5°	622.4	490.1	365.3	240.7	133.7	44.5	0.0
-5°	620.1	489.3	364.7	240.3	133.6	44.3	0.0
-7.5°	616.4	487.2	363.0	239.4	133.1	44.1	0.0
-10°	611.2	484.0	360.5	237.8	132.3	43.8	0.0
-12.5°	604.6	479.6	357.0	235.7	131.1	43.4	0.0
-15°	596.8	474.0	352.5	232.9	129.6	43.0	0.0
-17.5°	587.6	467.2	347.1	229.5	127.7	42.4	0.0
-20°	577.5	459.3	340.8	225.6	125.5	41.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	566.3	450.2	333.6	221.0	122.8	41.1	0.0
-25°	553.6	439.5	325.5	215.9	119.9	40.3	0.0
-27.5°	539.5	427.5	316.5	210.2	116.6	39.5	0.0
-30°	523.9	414.4	306.6	204.0	112.9	38.5	0.0
-32.5°	507.0	400.1	295.5	197.2	108.9	37.5	0.0
-35°	488.6	384.7	283.6	189.9	104.5	36.4	0.0
-37.5°	468.9	368.4	271.0	182.1	99.9	35.3	0.0
-40°	447.9	351.7	257.7	173.8	94.9	34.1	0.0
-42.5°	425.7	334.2	244.6	164.8	89.5	32.8	0.0
-45°	402.2	315.9	231.7	155.2	83.9	31.5	0.0
-47.5°	377.6	297.0	218.2	145.0	78.0	30.1	0.0
-50°	353.8	277.4	204.0	135.2	71.8	28.6	0.0
-52.5°	329.6	257.2	189.3	125.2	65.3	27.1	0.0
-55°	304.8	237.6	173.9	114.8	58.6	25.5	0.0
-57.5°	279.4	217.5	158.0	104.1	51.6	23.9	0.0
-60°	253.5	196.8	141.8	93.2	44.5	22.2	0.0
-62.5°	227.7	175.5	126.8	81.9	41.1	20.5	0.0
-65°	201.1	153.7	111.5	70.5	37.6	18.8	0.0
-67.5°	173.9	132.7	95.9	58.7	34.0	17.0	0.0
-70°	146.1	112.9	80.0	46.8	30.4	15.2	0.0
-72.5°	121.5	92.8	63.8	40.0	26.7	13.4	0.0
-75°	97.1	72.4	47.5	34.5	23.0	11.5	0.0
-77.5°	72.4	51.8	38.3	28.8	19.2	9.6	0.0
-80°	47.5	38.3	30.8	23.1	15.4	7.7	0.0
-82.5°	34.5	28.8	23.1	17.4	11.6	5.8	0.0
-85°	23.0	19.2	15.4	11.6	7.7	3.9	0.0
-87.5°	11.5	9.6	7.7	5.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)