

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: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N145
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

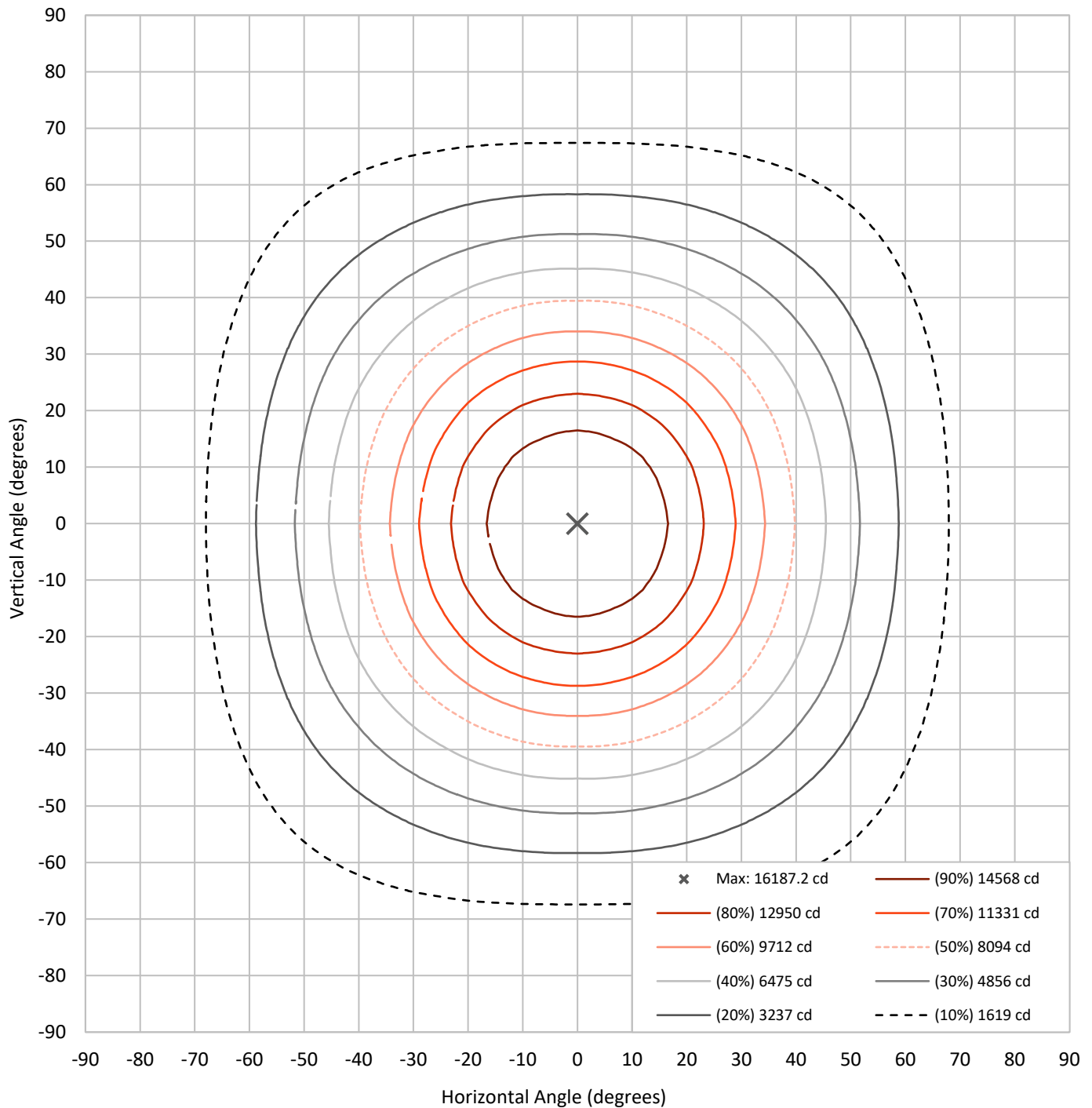
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	29257 lumens	Max Intensity:	16187.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	17159.4 lumens	Field Lumens:	27891.5 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
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		



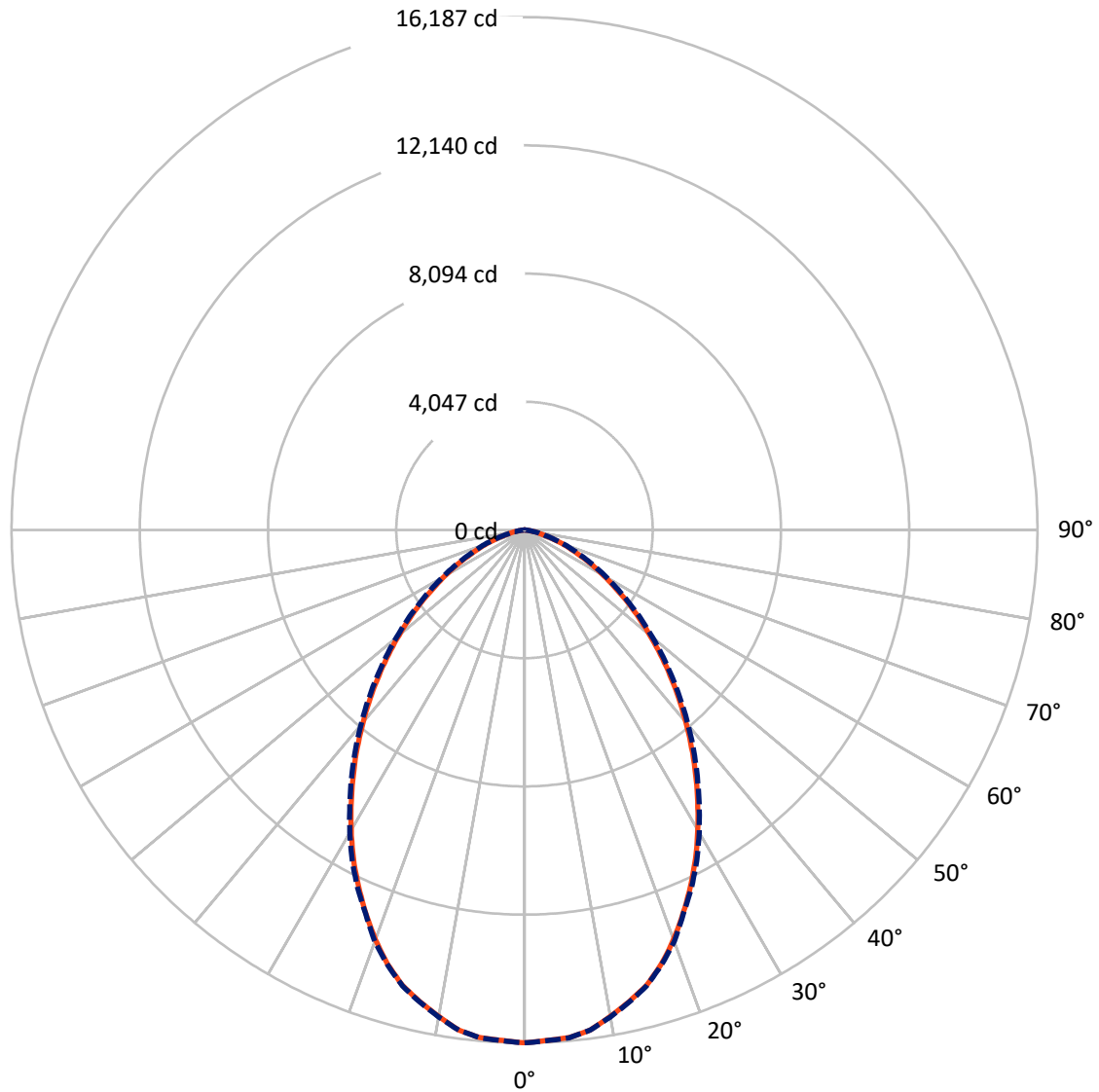
REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

Iso-Candela Plot



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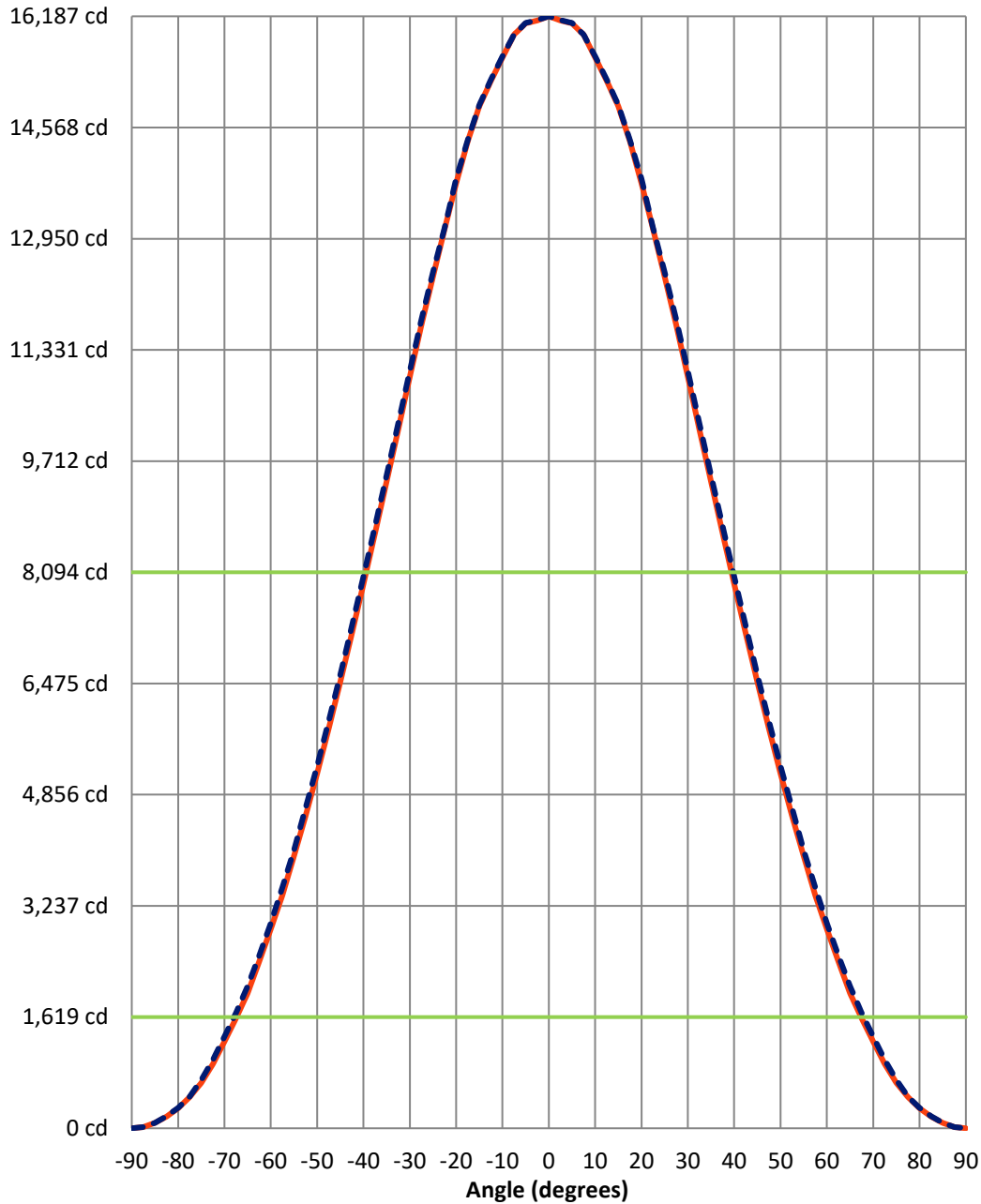
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 17159.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 27891.5
 Efficiency: 95.3%

Spill:
 Lumens: 1365.5
 Efficiency: 4.7%

- 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	0.9	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
85°	0.0	1.9	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
82.5°	0.0	2.8	6.3	9.5	12.6	15.7	18.8	21.9	27.4	43.0	58.1
80°	0.0	3.7	8.4	12.6	16.8	20.9	28.3	50.3	71.6	92.0	111.5
77.5°	0.0	4.6	10.4	15.7	20.9	32.8	61.6	89.4	115.5	140.6	171.7
75°	0.0	5.5	12.5	18.8	27.3	56.7	94.1	128.2	160.8	205.8	253.5
72.5°	0.0	6.3	14.4	21.9	43.4	80.0	125.6	169.8	221.1	275.8	333.7
70°	0.0	7.2	16.4	26.2	59.1	102.4	157.1	219.8	280.2	344.6	419.9
67.5°	0.0	8.0	18.2	35.9	74.1	123.9	194.9	268.7	338.0	419.3	505.6
65°	0.0	8.9	20.0	45.2	88.5	147.9	231.0	316.2	400.4	491.8	585.9
62.5°	0.0	9.7	21.8	54.0	102.1	174.2	265.4	365.8	460.7	561.1	657.6
60°	0.0	10.4	23.5	62.4	114.9	199.2	297.7	415.0	518.7	626.0	728.4
57.5°	0.0	11.2	28.2	70.3	131.9	222.6	331.8	461.0	576.0	689.7	795.5
55°	0.0	11.9	32.8	77.7	148.2	244.3	364.1	500.6	632.3	751.3	859.9
52.5°	0.0	12.6	37.2	84.5	163.3	265.0	394.0	541.9	687.3	807.9	922.6
50°	0.0	13.2	41.5	90.7	177.2	287.0	421.3	581.0	739.5	862.9	994.5
47.5°	0.0	13.8	45.5	97.1	189.9	307.0	447.0	617.4	786.8	916.1	1065.0
45°	0.0	14.4	49.4	105.6	201.3	325.1	475.5	651.0	823.6	976.3	1132.4
42.5°	0.0	14.9	53.0	113.2	211.4	341.2	501.7	681.8	858.8	1033.9	1211.8
40°	0.0	15.4	56.4	121.0	221.5	355.3	525.4	711.1	895.4	1087.9	1289.1
37.5°	0.0	15.9	59.6	128.7	231.6	367.3	546.7	738.8	936.4	1139.1	1361.6
35°	0.0	16.3	62.6	135.9	240.3	381.1	565.4	764.9	976.5	1198.0	1434.7
32.5°	0.0	16.7	65.3	142.5	247.5	395.0	582.7	789.3	1015.3	1254.7	1512.1
30°	0.0	17.1	67.9	148.6	253.3	406.9	600.8	813.7	1052.9	1308.9	1584.4
27.5°	0.0	17.4	70.1	154.1	262.0	416.7	616.9	842.1	1091.4	1360.3	1651.5
25°	0.0	17.7	72.1	159.0	270.1	424.4	631.2	868.5	1131.7	1412.6	1713.7
22.5°	0.0	17.9	73.9	163.3	277.3	432.3	643.4	892.6	1168.7	1462.2	1779.8
20°	0.0	18.1	75.5	167.1	283.5	443.0	653.4	914.4	1202.3	1506.4	1839.0
17.5°	0.0	18.2	76.7	170.2	288.7	451.8	666.0	933.5	1232.3	1545.3	1891.3
15°	0.0	18.3	77.8	172.8	292.9	458.6	679.1	951.8	1258.3	1578.6	1936.4
12.5°	0.0	18.4	78.6	174.8	296.0	463.5	689.8	968.9	1281.9	1606.3	1974.1
10°	0.0	18.4	79.1	176.1	298.2	466.6	697.9	982.1	1302.2	1632.2	2006.0
7.5°	0.0	18.4	79.4	176.9	299.5	467.8	703.4	991.3	1317.9	1653.1	2033.4
5°	0.0	18.4	79.5	177.2	299.7	467.3	706.3	996.6	1328.6	1668.3	2053.1
2.5°	0.0	18.3	79.3	176.8	299.0	465.0	706.4	997.8	1334.3	1677.5	2065.0
0°	0.0	18.2	78.9	175.9	297.3	461.1	703.8	995.0	1334.8	1680.6	2068.9
-2.5°	0.0	18.3	79.3	176.8	299.0	465.0	706.4	997.8	1334.3	1677.5	2065.0
-5°	0.0	18.4	79.5	177.2	299.7	467.3	706.3	996.6	1328.6	1668.3	2053.1
-7.5°	0.0	18.4	79.4	176.9	299.5	467.8	703.4	991.3	1317.9	1653.1	2033.4
-10°	0.0	18.4	79.1	176.1	298.2	466.6	697.9	982.1	1302.2	1632.2	2006.0
-12.5°	0.0	18.4	78.6	174.8	296.0	463.5	689.8	968.9	1281.9	1606.3	1974.1
-15°	0.0	18.3	77.8	172.8	292.9	458.6	679.1	951.8	1258.3	1578.6	1936.4
-17.5°	0.0	18.2	76.7	170.2	288.7	451.8	666.0	933.5	1232.3	1545.3	1891.3
-20°	0.0	18.1	75.5	167.1	283.5	443.0	653.4	914.4	1202.3	1506.4	1839.0

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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	17.9	73.9	163.3	277.3	432.3	643.4	892.6	1168.7	1462.2	1779.8
-25°	0.0	17.7	72.1	159.0	270.1	424.4	631.2	868.5	1131.7	1412.6	1713.7
-27.5°	0.0	17.4	70.1	154.1	262.0	416.7	616.9	842.1	1091.4	1360.3	1651.5
-30°	0.0	17.1	67.9	148.6	253.3	406.9	600.8	813.7	1052.9	1308.9	1584.4
-32.5°	0.0	16.7	65.3	142.5	247.5	395.0	582.7	789.3	1015.3	1254.7	1512.1
-35°	0.0	16.3	62.6	135.9	240.3	381.1	565.4	764.9	976.5	1198.0	1434.7
-37.5°	0.0	15.9	59.6	128.7	231.6	367.3	546.7	738.8	936.4	1139.1	1361.6
-40°	0.0	15.4	56.4	121.0	221.5	355.3	525.4	711.1	895.4	1087.9	1289.1
-42.5°	0.0	14.9	53.0	113.2	211.4	341.2	501.7	681.8	858.8	1033.9	1211.8
-45°	0.0	14.4	49.4	105.6	201.3	325.1	475.5	651.0	823.6	976.3	1132.4
-47.5°	0.0	13.8	45.5	97.1	189.9	307.0	447.0	617.4	786.8	916.1	1065.0
-50°	0.0	13.2	41.5	90.7	177.2	287.0	421.3	581.0	739.5	862.9	994.5
-52.5°	0.0	12.6	37.2	84.5	163.3	265.0	394.0	541.9	687.3	807.9	922.6
-55°	0.0	11.9	32.8	77.7	148.2	244.3	364.1	500.6	632.3	751.3	859.9
-57.5°	0.0	11.2	28.2	70.3	131.9	222.6	331.8	461.0	576.0	689.7	795.5
-60°	0.0	10.4	23.5	62.4	114.9	199.2	297.7	415.0	518.7	626.0	728.4
-62.5°	0.0	9.7	21.8	54.0	102.1	174.2	265.4	365.8	460.7	561.1	657.6
-65°	0.0	8.9	20.0	45.2	88.5	147.9	231.0	316.2	400.4	491.8	585.9
-67.5°	0.0	8.0	18.2	35.9	74.1	123.9	194.9	268.7	338.0	419.3	505.6
-70°	0.0	7.2	16.4	26.2	59.1	102.4	157.1	219.8	280.2	344.6	419.9
-72.5°	0.0	6.3	14.4	21.9	43.4	80.0	125.6	169.8	221.1	275.8	333.7
-75°	0.0	5.5	12.5	18.8	27.3	56.7	94.1	128.2	160.8	205.8	253.5
-77.5°	0.0	4.6	10.4	15.7	20.9	32.8	61.6	89.4	115.5	140.6	171.7
-80°	0.0	3.7	8.4	12.6	16.8	20.9	28.3	50.3	71.6	92.0	111.5
-82.5°	0.0	2.8	6.3	9.5	12.6	15.7	18.8	21.9	27.4	43.0	58.1
-85°	0.0	1.9	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
-87.5°	0.0	0.9	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-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-735-U-VWR-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°	11.9	13.6	15.5	17.4	17.5	17.6	17.4	17.2	17.9	18.6	19.3
85°	23.8	27.2	37.8	48.0	52.9	56.0	57.4	57.1	66.4	77.2	88.9
82.5°	73.8	89.0	103.5	117.4	120.9	121.0	119.8	120.2	142.0	167.0	192.7
80°	131.5	150.7	176.4	199.1	208.9	214.0	216.3	216.0	243.5	280.3	319.0
77.5°	208.5	241.0	269.3	293.3	306.3	317.7	327.1	334.2	369.7	416.2	462.3
75°	296.4	332.0	367.4	398.3	419.9	435.9	450.9	474.8	521.3	575.6	622.7
72.5°	389.0	434.6	474.0	507.6	537.9	570.0	606.0	645.4	694.5	748.7	798.1
70°	488.0	538.1	579.4	619.8	661.0	709.2	763.2	816.4	871.1	930.9	988.5
67.5°	584.9	633.1	681.8	732.7	794.5	859.0	922.9	996.2	1071.2	1137.6	1197.0
65°	669.0	725.6	786.5	855.6	931.9	1013.8	1099.1	1187.0	1282.1	1361.8	1434.5
62.5°	749.3	817.3	891.3	977.4	1074.7	1171.8	1280.5	1390.6	1497.7	1591.6	1678.5
60°	823.3	905.7	999.3	1104.9	1218.5	1347.5	1471.3	1596.5	1713.9	1820.4	1930.1
57.5°	895.3	999.0	1111.3	1238.1	1381.7	1526.7	1672.2	1806.9	1939.8	2069.4	2193.5
55°	971.5	1096.5	1230.1	1385.6	1547.6	1719.0	1875.7	2026.0	2172.5	2329.8	2479.3
52.5°	1055.4	1195.0	1362.2	1536.3	1723.4	1907.3	2079.5	2250.7	2427.7	2605.8	2800.4
50°	1136.3	1310.4	1493.7	1696.0	1898.1	2095.2	2292.7	2489.8	2702.0	2920.3	3140.9
47.5°	1230.9	1420.8	1637.3	1854.3	2075.2	2294.5	2514.5	2752.8	2993.8	3247.0	3491.0
45°	1326.5	1540.1	1773.3	2018.8	2257.6	2500.4	2757.7	3021.1	3303.7	3582.2	3875.8
42.5°	1417.2	1658.6	1915.7	2180.8	2446.5	2717.8	3000.7	3308.4	3617.2	3938.4	4261.0
40°	1517.7	1771.3	2054.9	2346.9	2635.1	2935.8	3259.2	3592.5	3941.8	4295.0	4645.4
37.5°	1614.2	1893.1	2191.1	2505.4	2828.9	3159.4	3510.5	3888.8	4267.7	4647.8	5034.1
35°	1704.7	2008.6	2331.4	2665.0	3008.1	3384.0	3776.5	4180.3	4590.9	5001.9	5417.5
32.5°	1797.7	2117.4	2465.3	2822.5	3200.5	3603.7	4033.5	4471.1	4908.3	5347.3	5802.2
30°	1891.0	2231.6	2595.1	2971.3	3384.8	3824.1	4286.1	4749.6	5212.1	5695.2	6179.9
27.5°	1979.1	2339.9	2722.7	3125.2	3561.5	4028.2	4518.9	5015.4	5514.1	6027.7	6544.7
25°	2060.3	2442.4	2841.0	3273.3	3735.7	4224.6	4735.9	5253.9	5800.8	6350.4	6890.3
22.5°	2139.4	2536.7	2950.7	3409.7	3893.5	4407.0	4939.4	5486.4	6057.9	6648.1	7206.9
20°	2215.5	2626.4	3057.3	3533.3	4034.9	4571.3	5124.4	5697.2	6296.8	6902.8	7503.8
17.5°	2283.1	2706.2	3156.7	3648.9	4169.8	4721.4	5291.0	5882.7	6509.0	7137.1	7773.9
15°	2342.0	2775.6	3242.7	3749.8	4289.1	4857.9	5445.7	6054.2	6696.6	7350.7	8012.7
12.5°	2391.8	2834.4	3315.1	3835.5	4390.3	4974.9	5578.6	6208.5	6868.3	7540.6	8221.8
10°	2432.2	2882.3	3373.7	3905.6	4473.0	5071.6	5688.1	6335.7	7015.2	7702.2	8397.7
7.5°	2466.6	2922.3	3420.2	3959.6	4536.6	5147.4	5773.3	6435.0	7132.3	7828.3	8539.1
5°	2491.7	2954.6	3462.9	4004.9	4592.0	5206.5	5837.9	6505.7	7217.9	7918.0	8641.5
2.5°	2506.8	2975.6	3491.9	4034.3	4635.5	5250.9	5895.3	6568.2	7280.7	7989.2	8718.6
0°	2511.8	2985.0	3506.8	4046.8	4659.6	5272.4	5927.6	6601.1	7310.9	8032.9	8767.1
-2.5°	2506.8	2975.6	3491.9	4034.3	4635.5	5250.9	5895.3	6568.2	7280.7	7989.2	8718.6
-5°	2491.7	2954.6	3462.9	4004.9	4592.0	5206.5	5837.9	6505.7	7217.9	7918.0	8641.5
-7.5°	2466.6	2922.3	3420.2	3959.6	4536.6	5147.4	5773.3	6435.0	7132.3	7828.3	8539.1
-10°	2432.2	2882.3	3373.7	3905.6	4473.0	5071.6	5688.1	6335.7	7015.2	7702.2	8397.7
-12.5°	2391.8	2834.4	3315.1	3835.5	4390.3	4974.9	5578.6	6208.5	6868.3	7540.6	8221.8
-15°	2342.0	2775.6	3242.7	3749.8	4289.1	4857.9	5445.7	6054.2	6696.6	7350.7	8012.7
-17.5°	2283.1	2706.2	3156.7	3648.9	4169.8	4721.4	5291.0	5882.7	6509.0	7137.1	7773.9
-20°	2215.5	2626.4	3057.3	3533.3	4034.9	4571.3	5124.4	5697.2	6296.8	6902.8	7503.8



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 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2139.4	2536.7	2950.7	3409.7	3893.5	4407.0	4939.4	5486.4	6057.9	6648.1	7206.9
-25°	2060.3	2442.4	2841.0	3273.3	3735.7	4224.6	4735.9	5253.9	5800.8	6350.4	6890.3
-27.5°	1979.1	2339.9	2722.7	3125.2	3561.5	4028.2	4518.9	5015.4	5514.1	6027.7	6544.7
-30°	1891.0	2231.6	2595.1	2971.3	3384.8	3824.1	4286.1	4749.6	5212.1	5695.2	6179.9
-32.5°	1797.7	2117.4	2465.3	2822.5	3200.5	3603.7	4033.5	4471.1	4908.3	5347.3	5802.2
-35°	1704.7	2008.6	2331.4	2665.0	3008.1	3384.0	3776.5	4180.3	4590.9	5001.9	5417.5
-37.5°	1614.2	1893.1	2191.1	2505.4	2828.9	3159.4	3510.5	3888.8	4267.7	4647.8	5034.1
-40°	1517.7	1771.3	2054.9	2346.9	2635.1	2935.8	3259.2	3592.5	3941.8	4295.0	4645.4
-42.5°	1417.2	1658.6	1915.7	2180.8	2446.5	2717.8	3000.7	3308.4	3617.2	3938.4	4261.0
-45°	1326.5	1540.1	1773.3	2018.8	2257.6	2500.4	2757.7	3021.1	3303.7	3582.2	3875.8
-47.5°	1230.9	1420.8	1637.3	1854.3	2075.2	2294.5	2514.5	2752.8	2993.8	3247.0	3491.0
-50°	1136.3	1310.4	1493.7	1696.0	1898.1	2095.2	2292.7	2489.8	2702.0	2920.3	3140.9
-52.5°	1055.4	1195.0	1362.2	1536.3	1723.4	1907.3	2079.5	2250.7	2427.7	2605.8	2800.4
-55°	971.5	1096.5	1230.1	1385.6	1547.6	1719.0	1875.7	2026.0	2172.5	2329.8	2479.3
-57.5°	895.3	999.0	1111.3	1238.1	1381.7	1526.7	1672.2	1806.9	1939.8	2069.4	2193.5
-60°	823.3	905.7	999.3	1104.9	1218.5	1347.5	1471.3	1596.5	1713.9	1820.4	1930.1
-62.5°	749.3	817.3	891.3	977.4	1074.7	1171.8	1280.5	1390.6	1497.7	1591.6	1678.5
-65°	669.0	725.6	786.5	855.6	931.9	1013.8	1099.1	1187.0	1282.1	1361.8	1434.5
-67.5°	584.9	633.1	681.8	732.7	794.5	859.0	922.9	996.2	1071.2	1137.6	1197.0
-70°	488.0	538.1	579.4	619.8	661.0	709.2	763.2	816.4	871.1	930.9	988.5
-72.5°	389.0	434.6	474.0	507.6	537.9	570.0	606.0	645.4	694.5	748.7	798.1
-75°	296.4	332.0	367.4	398.3	419.9	435.9	450.9	474.8	521.3	575.6	622.7
-77.5°	208.5	241.0	269.3	293.3	306.3	317.7	327.1	334.2	369.7	416.2	462.3
-80°	131.5	150.7	176.4	199.1	208.9	214.0	216.3	216.0	243.5	280.3	319.0
-82.5°	73.8	89.0	103.5	117.4	120.9	121.0	119.8	120.2	142.0	167.0	192.7
-85°	23.8	27.2	37.8	48.0	52.9	56.0	57.4	57.1	66.4	77.2	88.9
-87.5°	11.9	13.6	15.5	17.4	17.5	17.6	17.4	17.2	17.9	18.6	19.3
-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: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-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°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	22.2	20.9
85°	101.4	108.5	115.2	121.6	127.7	133.5	138.9	143.9	148.6	135.7	121.5
82.5°	218.8	236.4	253.1	269.8	286.2	290.4	291.7	291.1	288.8	266.2	241.1
80°	357.2	387.0	415.0	442.9	470.3	473.4	470.3	464.6	456.6	426.9	393.3
77.5°	508.3	545.8	578.6	608.6	635.9	641.0	640.3	638.9	636.7	606.4	569.7
75°	663.2	699.8	735.1	765.2	790.2	801.7	807.4	811.4	813.6	791.8	763.3
72.5°	842.7	880.9	912.0	941.2	965.9	983.7	996.5	1006.2	1012.8	1006.2	994.6
70°	1037.6	1078.4	1112.8	1145.8	1179.2	1206.1	1226.3	1241.0	1250.4	1256.5	1260.7
67.5°	1256.9	1311.8	1359.7	1400.6	1441.0	1479.0	1510.1	1535.6	1555.3	1572.0	1584.8
65°	1504.1	1574.2	1636.4	1693.5	1745.8	1800.8	1846.0	1883.9	1914.4	1939.6	1959.9
62.5°	1763.9	1849.9	1929.7	2007.2	2083.1	2157.8	2215.2	2267.5	2313.9	2353.9	2385.7
60°	2034.0	2131.6	2238.8	2341.0	2435.2	2521.2	2606.6	2680.5	2743.8	2796.3	2838.7
57.5°	2324.2	2450.7	2576.0	2703.0	2823.0	2935.3	3040.4	3133.2	3211.6	3275.8	3329.8
55°	2637.8	2796.0	2941.2	3101.5	3256.3	3397.3	3521.3	3630.4	3724.7	3803.7	3870.8
52.5°	2982.5	3174.7	3363.4	3545.7	3721.5	3885.0	4033.5	4160.6	4273.5	4370.4	4447.6
50°	3359.7	3579.6	3798.4	4001.2	4203.1	4391.5	4561.8	4709.2	4840.7	4954.5	5044.0
47.5°	3754.2	4004.6	4248.8	4480.9	4704.4	4913.9	5098.3	5266.3	5430.2	5563.8	5669.6
45°	4163.9	4444.7	4714.1	4979.5	5225.7	5460.4	5687.9	5897.1	6065.3	6212.6	6336.3
42.5°	4578.5	4891.7	5193.5	5483.0	5753.6	6025.1	6281.0	6509.7	6701.5	6869.0	7009.6
40°	4998.5	5341.4	5673.9	5989.6	6299.0	6594.9	6871.7	7112.9	7329.3	7528.2	7693.9
37.5°	5416.4	5793.8	6162.0	6515.7	6856.3	7177.0	7476.1	7748.6	7992.7	8219.2	8403.2
35°	5836.2	6250.2	6653.3	7042.5	7414.6	7768.4	8095.9	8406.0	8693.7	8923.1	9111.3
32.5°	6254.3	6699.3	7138.1	7566.6	7973.9	8355.3	8710.1	9052.8	9348.7	9600.9	9817.3
30°	6658.9	7141.1	7618.8	8083.4	8523.4	8936.7	9329.6	9691.9	10010.1	10286.0	10528.7
27.5°	7056.0	7573.9	8086.6	8582.9	9058.6	9507.7	9936.4	10329.3	10676.7	10976.5	11232.3
25°	7431.2	7987.9	8534.4	9060.6	9568.7	10064.2	10527.0	10955.8	11326.8	11655.9	11918.9
22.5°	7789.7	8383.5	8957.6	9511.2	10054.7	10588.7	11095.5	11543.2	11936.4	12280.4	12571.5
20°	8123.7	8759.9	9347.4	9932.8	10505.4	11075.6	11619.7	12092.1	12508.1	12874.3	13195.1
17.5°	8435.9	9088.6	9707.1	10330.4	10933.8	11532.0	12084.8	12591.1	13039.9	13428.9	13764.9
15°	8700.3	9359.3	10034.9	10700.3	11336.6	11942.3	12494.7	13023.5	13521.9	13942.5	14283.2
12.5°	8914.3	9599.7	10304.4	11010.8	11683.8	12288.7	12867.0	13403.5	13926.9	14399.3	14712.6
10°	9096.7	9802.4	10530.0	11250.4	11932.3	12572.4	13201.1	13768.3	14282.7	14705.8	15055.5
7.5°	9254.4	9981.4	10720.3	11441.9	12121.6	12783.0	13430.1	14032.5	14551.8	14950.4	15262.4
5°	9370.7	10115.0	10868.1	11596.5	12285.6	12949.1	13599.2	14194.0	14700.9	15106.5	15446.7
2.5°	9454.0	10205.2	10963.7	11693.1	12397.5	13062.6	13729.0	14330.6	14821.4	15193.0	15518.7
0°	9507.3	10259.6	11024.0	11770.3	12462.0	13105.1	13821.0	14385.3	14894.9	15265.0	15604.8
-2.5°	9454.0	10205.2	10963.7	11693.1	12397.5	13062.6	13729.0	14330.6	14821.4	15193.0	15518.7
-5°	9370.7	10115.0	10868.1	11596.5	12285.6	12949.1	13599.2	14194.0	14700.9	15106.5	15446.7
-7.5°	9254.4	9981.4	10720.3	11441.9	12121.6	12783.0	13430.1	14032.5	14551.8	14950.4	15262.4
-10°	9096.7	9802.4	10530.0	11250.4	11932.3	12572.4	13201.1	13768.3	14282.7	14705.8	15055.5
-12.5°	8914.3	9599.7	10304.4	11010.8	11683.8	12288.7	12867.0	13403.5	13926.9	14399.3	14712.6
-15°	8700.3	9359.3	10034.9	10700.3	11336.6	11942.3	12494.7	13023.5	13521.9	13942.5	14283.2
-17.5°	8435.9	9088.6	9707.1	10330.4	10933.8	11532.0	12084.8	12591.1	13039.9	13428.9	13764.9
-20°	8123.7	8759.9	9347.4	9932.8	10505.4	11075.6	11619.7	12092.1	12508.1	12874.3	13195.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7789.7	8383.5	8957.6	9511.2	10054.7	10588.7	11095.5	11543.2	11936.4	12280.4	12571.5
-25°	7431.2	7987.9	8534.4	9060.6	9568.7	10064.2	10527.0	10955.8	11326.8	11655.9	11918.9
-27.5°	7056.0	7573.9	8086.6	8582.9	9058.6	9507.7	9936.4	10329.3	10676.7	10976.5	11232.3
-30°	6658.9	7141.1	7618.8	8083.4	8523.4	8936.7	9329.6	9691.9	10010.1	10286.0	10528.7
-32.5°	6254.3	6699.3	7138.1	7566.6	7973.9	8355.3	8710.1	9052.8	9348.7	9600.9	9817.3
-35°	5836.2	6250.2	6653.3	7042.5	7414.6	7768.4	8095.9	8406.0	8693.7	8923.1	9111.3
-37.5°	5416.4	5793.8	6162.0	6515.7	6856.3	7177.0	7476.1	7748.6	7992.7	8219.2	8403.2
-40°	4998.5	5341.4	5673.9	5989.6	6299.0	6594.9	6871.7	7112.9	7329.3	7528.2	7693.9
-42.5°	4578.5	4891.7	5193.5	5483.0	5753.6	6025.1	6281.0	6509.7	6701.5	6869.0	7009.6
-45°	4163.9	4444.7	4714.1	4979.5	5225.7	5460.4	5687.9	5897.1	6065.3	6212.6	6336.3
-47.5°	3754.2	4004.6	4248.8	4480.9	4704.4	4913.9	5098.3	5266.3	5430.2	5563.8	5669.6
-50°	3359.7	3579.6	3798.4	4001.2	4203.1	4391.5	4561.8	4709.2	4840.7	4954.5	5044.0
-52.5°	2982.5	3174.7	3363.4	3545.7	3721.5	3885.0	4033.5	4160.6	4273.5	4370.4	4447.6
-55°	2637.8	2796.0	2941.2	3101.5	3256.3	3397.3	3521.3	3630.4	3724.7	3803.7	3870.8
-57.5°	2324.2	2450.7	2576.0	2703.0	2823.0	2935.3	3040.4	3133.2	3211.6	3275.8	3329.8
-60°	2034.0	2131.6	2238.8	2341.0	2435.2	2521.2	2606.6	2680.5	2743.8	2796.3	2838.7
-62.5°	1763.9	1849.9	1929.7	2007.2	2083.1	2157.8	2215.2	2267.5	2313.9	2353.9	2385.7
-65°	1504.1	1574.2	1636.4	1693.5	1745.8	1800.8	1846.0	1883.9	1914.4	1939.6	1959.9
-67.5°	1256.9	1311.8	1359.7	1400.6	1441.0	1479.0	1510.1	1535.6	1555.3	1572.0	1584.8
-70°	1037.6	1078.4	1112.8	1145.8	1179.2	1206.1	1226.3	1241.0	1250.4	1256.5	1260.7
-72.5°	842.7	880.9	912.0	941.2	965.9	983.7	996.5	1006.2	1012.8	1006.2	994.6
-75°	663.2	699.8	735.1	765.2	790.2	801.7	807.4	811.4	813.6	791.8	763.3
-77.5°	508.3	545.8	578.6	608.6	635.9	641.0	640.3	638.9	636.7	606.4	569.7
-80°	357.2	387.0	415.0	442.9	470.3	473.4	470.3	464.6	456.6	426.9	393.3
-82.5°	218.8	236.4	253.1	269.8	286.2	290.4	291.7	291.1	288.8	266.2	241.1
-85°	101.4	108.5	115.2	121.6	127.7	133.5	138.9	143.9	148.6	135.7	121.5
-87.5°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	22.2	20.9
-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: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-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°	19.6	18.1	18.2	18.2	18.2	18.1	19.6	20.9	22.2	23.5	23.2
85°	106.4	90.6	84.8	78.9	84.8	90.6	106.4	121.5	135.7	148.6	143.9
82.5°	214.8	187.5	178.8	169.9	178.8	187.5	214.8	241.1	266.2	288.8	291.1
80°	357.8	320.8	306.1	291.2	306.1	320.8	357.8	393.3	426.9	456.6	464.6
77.5°	531.0	490.2	472.8	455.0	472.8	490.2	531.0	569.7	606.4	636.7	638.9
75°	733.3	701.4	682.1	661.3	682.1	701.4	733.3	763.3	791.8	813.6	811.4
72.5°	981.2	965.6	951.5	934.3	951.5	965.6	981.2	994.6	1006.2	1012.8	1006.2
70°	1262.2	1260.2	1262.7	1262.0	1262.7	1260.2	1262.2	1260.7	1256.5	1250.4	1241.0
67.5°	1591.4	1591.9	1598.7	1601.7	1598.7	1591.9	1591.4	1584.8	1572.0	1555.3	1535.6
65°	1972.4	1977.0	1975.3	1965.8	1975.3	1977.0	1972.4	1959.9	1939.6	1914.4	1883.9
62.5°	2408.3	2421.4	2428.6	2426.9	2428.6	2421.4	2408.3	2385.7	2353.9	2313.9	2267.5
60°	2870.3	2890.8	2901.1	2900.1	2901.1	2890.8	2870.3	2838.7	2796.3	2743.8	2680.5
57.5°	3370.1	3396.4	3402.5	3391.5	3402.5	3396.4	3370.1	3329.8	3275.8	3211.6	3133.2
55°	3921.4	3955.0	3968.0	3961.9	3968.0	3955.0	3921.4	3870.8	3803.7	3724.7	3630.4
52.5°	4504.3	4540.7	4553.6	4544.3	4553.6	4540.7	4504.3	4447.6	4370.4	4273.5	4160.6
50°	5109.8	5153.9	5171.6	5163.2	5171.6	5153.9	5109.8	5044.0	4954.5	4840.7	4709.2
47.5°	5752.4	5811.1	5834.0	5818.4	5834.0	5811.1	5752.4	5669.6	5563.8	5430.2	5266.3
45°	6428.7	6489.5	6513.1	6497.9	6513.1	6489.5	6428.7	6336.3	6212.6	6065.3	5897.1
42.5°	7117.0	7196.1	7229.5	7201.7	7229.5	7196.1	7117.0	7009.6	6869.0	6701.5	6509.7
40°	7817.5	7903.4	7943.0	7923.7	7943.0	7903.4	7817.5	7693.9	7528.2	7329.3	7112.9
37.5°	8536.0	8621.4	8663.4	8663.9	8663.4	8621.4	8536.0	8403.2	8219.2	7992.7	7748.6
35°	9257.1	9360.6	9419.1	9416.2	9419.1	9360.6	9257.1	9111.3	8923.1	8693.7	8406.0
32.5°	9988.4	10100.4	10160.2	10168.6	10160.2	10100.4	9988.4	9817.3	9600.9	9348.7	9052.8
30°	10718.3	10841.5	10910.7	10939.1	10910.7	10841.5	10718.3	10528.7	10286.0	10010.1	9691.9
27.5°	11426.3	11577.8	11682.3	11691.4	11682.3	11577.8	11426.3	11232.3	10976.5	10676.7	10329.3
25°	12111.9	12266.2	12373.5	12395.2	12373.5	12266.2	12111.9	11918.9	11655.9	11326.8	10955.8
22.5°	12787.7	12948.9	13047.9	13086.9	13047.9	12948.9	12787.7	12571.5	12280.4	11936.4	11543.2
20°	13432.8	13607.5	13712.5	13754.3	13712.5	13607.5	13432.8	13195.1	12874.3	12508.1	12092.1
17.5°	14016.3	14201.0	14330.6	14367.1	14330.6	14201.0	14016.3	13764.9	13428.9	13039.9	12591.1
15°	14530.0	14705.1	14828.1	14876.7	14828.1	14705.1	14530.0	14283.2	13942.5	13521.9	13023.5
12.5°	14948.0	15104.6	15201.1	15246.8	15201.1	15104.6	14948.0	14712.6	14399.3	13926.9	13403.5
10°	15274.6	15431.7	15523.8	15586.6	15523.8	15431.7	15274.6	15055.5	14705.8	14282.7	13768.3
7.5°	15558.1	15719.1	15831.7	15920.2	15831.7	15719.1	15558.1	15262.4	14950.4	14551.8	14032.5
5°	15714.6	15983.5	16023.9	16084.1	16023.9	15983.5	15714.6	15446.7	15106.5	14700.9	14194.0
2.5°	15833.9	16024.6	16139.2	16126.5	16139.2	16024.6	15833.9	15518.7	15193.0	14821.4	14330.6
0°	15920.2	16090.1	16132.6	16187.2	16132.6	16090.1	15920.2	15604.8	15265.0	14894.9	14385.3
-2.5°	15833.9	16024.6	16139.2	16126.5	16139.2	16024.6	15833.9	15518.7	15193.0	14821.4	14330.6
-5°	15714.6	15983.5	16023.9	16084.1	16023.9	15983.5	15714.6	15446.7	15106.5	14700.9	14194.0
-7.5°	15558.1	15719.1	15831.7	15920.2	15831.7	15719.1	15558.1	15262.4	14950.4	14551.8	14032.5
-10°	15274.6	15431.7	15523.8	15586.6	15523.8	15431.7	15274.6	15055.5	14705.8	14282.7	13768.3
-12.5°	14948.0	15104.6	15201.1	15246.8	15201.1	15104.6	14948.0	14712.6	14399.3	13926.9	13403.5
-15°	14530.0	14705.1	14828.1	14876.7	14828.1	14705.1	14530.0	14283.2	13942.5	13521.9	13023.5
-17.5°	14016.3	14201.0	14330.6	14367.1	14330.6	14201.0	14016.3	13764.9	13428.9	13039.9	12591.1
-20°	13432.8	13607.5	13712.5	13754.3	13712.5	13607.5	13432.8	13195.1	12874.3	12508.1	12092.1



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12787.7	12948.9	13047.9	13086.9	13047.9	12948.9	12787.7	12571.5	12280.4	11936.4	11543.2
-25°	12111.9	12266.2	12373.5	12395.2	12373.5	12266.2	12111.9	11918.9	11655.9	11326.8	10955.8
-27.5°	11426.3	11577.8	11682.3	11691.4	11682.3	11577.8	11426.3	11232.3	10976.5	10676.7	10329.3
-30°	10718.3	10841.5	10910.7	10939.1	10910.7	10841.5	10718.3	10528.7	10286.0	10010.1	9691.9
-32.5°	9988.4	10100.4	10160.2	10168.6	10160.2	10100.4	9988.4	9817.3	9600.9	9348.7	9052.8
-35°	9257.1	9360.6	9419.1	9416.2	9419.1	9360.6	9257.1	9111.3	8923.1	8693.7	8406.0
-37.5°	8536.0	8621.4	8663.4	8663.9	8663.4	8621.4	8536.0	8403.2	8219.2	7992.7	7748.6
-40°	7817.5	7903.4	7943.0	7923.7	7943.0	7903.4	7817.5	7693.9	7528.2	7329.3	7112.9
-42.5°	7117.0	7196.1	7229.5	7201.7	7229.5	7196.1	7117.0	7009.6	6869.0	6701.5	6509.7
-45°	6428.7	6489.5	6513.1	6497.9	6513.1	6489.5	6428.7	6336.3	6212.6	6065.3	5897.1
-47.5°	5752.4	5811.1	5834.0	5818.4	5834.0	5811.1	5752.4	5669.6	5563.8	5430.2	5266.3
-50°	5109.8	5153.9	5171.6	5163.2	5171.6	5153.9	5109.8	5044.0	4954.5	4840.7	4709.2
-52.5°	4504.3	4540.7	4553.6	4544.3	4553.6	4540.7	4504.3	4447.6	4370.4	4273.5	4160.6
-55°	3921.4	3955.0	3968.0	3961.9	3968.0	3955.0	3921.4	3870.8	3803.7	3724.7	3630.4
-57.5°	3370.1	3396.4	3402.5	3391.5	3402.5	3396.4	3370.1	3329.8	3275.8	3211.6	3133.2
-60°	2870.3	2890.8	2901.1	2900.1	2901.1	2890.8	2870.3	2838.7	2796.3	2743.8	2680.5
-62.5°	2408.3	2421.4	2428.6	2426.9	2428.6	2421.4	2408.3	2385.7	2353.9	2313.9	2267.5
-65°	1972.4	1977.0	1975.3	1965.8	1975.3	1977.0	1972.4	1959.9	1939.6	1914.4	1883.9
-67.5°	1591.4	1591.9	1598.7	1601.7	1598.7	1591.9	1591.4	1584.8	1572.0	1555.3	1535.6
-70°	1262.2	1260.2	1262.7	1262.0	1262.7	1260.2	1262.2	1260.7	1256.5	1250.4	1241.0
-72.5°	981.2	965.6	951.5	934.3	951.5	965.6	981.2	994.6	1006.2	1012.8	1006.2
-75°	733.3	701.4	682.1	661.3	682.1	701.4	733.3	763.3	791.8	813.6	811.4
-77.5°	531.0	490.2	472.8	455.0	472.8	490.2	531.0	569.7	606.4	636.7	638.9
-80°	357.8	320.8	306.1	291.2	306.1	320.8	357.8	393.3	426.9	456.6	464.6
-82.5°	214.8	187.5	178.8	169.9	178.8	187.5	214.8	241.1	266.2	288.8	291.1
-85°	106.4	90.6	84.8	78.9	84.8	90.6	106.4	121.5	135.7	148.6	143.9
-87.5°	19.6	18.1	18.2	18.2	18.2	18.1	19.6	20.9	22.2	23.5	23.2
-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: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-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°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
85°	138.9	133.5	127.7	121.6	115.2	108.5	101.4	88.9	77.2	66.4	57.1
82.5°	291.7	290.4	286.2	269.8	253.1	236.4	218.8	192.7	167.0	142.0	120.2
80°	470.3	473.4	470.3	442.9	415.0	387.0	357.2	319.0	280.3	243.5	216.0
77.5°	640.3	641.0	635.9	608.6	578.6	545.8	508.3	462.3	416.2	369.7	334.2
75°	807.4	801.7	790.2	765.2	735.1	699.8	663.2	622.7	575.6	521.3	474.8
72.5°	996.5	983.7	965.9	941.2	912.0	880.9	842.7	798.1	748.7	694.5	645.4
70°	1226.3	1206.1	1179.2	1145.8	1112.8	1078.4	1037.6	988.5	930.9	871.1	816.4
67.5°	1510.1	1479.0	1441.0	1400.6	1359.7	1311.8	1256.9	1197.0	1137.6	1071.2	996.2
65°	1846.0	1800.8	1745.8	1693.5	1636.4	1574.2	1504.1	1434.5	1361.8	1282.1	1187.0
62.5°	2215.2	2157.8	2083.1	2007.2	1929.7	1849.9	1763.9	1678.5	1591.6	1497.7	1390.6
60°	2606.6	2521.2	2435.2	2341.0	2238.8	2131.6	2034.0	1930.1	1820.4	1713.9	1596.5
57.5°	3040.4	2935.3	2823.0	2703.0	2576.0	2450.7	2324.2	2193.5	2069.4	1939.8	1806.9
55°	3521.3	3397.3	3256.3	3101.5	2941.2	2796.0	2637.8	2479.3	2329.8	2172.5	2026.0
52.5°	4033.5	3885.0	3721.5	3545.7	3363.4	3174.7	2982.5	2800.4	2605.8	2427.7	2250.7
50°	4561.8	4391.5	4203.1	4001.2	3798.4	3579.6	3359.7	3140.9	2920.3	2702.0	2489.8
47.5°	5098.3	4913.9	4704.4	4480.9	4248.8	4004.6	3754.2	3491.0	3247.0	2993.8	2752.8
45°	5687.9	5460.4	5225.7	4979.5	4714.1	4444.7	4163.9	3875.8	3582.2	3303.7	3021.1
42.5°	6281.0	6025.1	5753.6	5483.0	5193.5	4891.7	4578.5	4261.0	3938.4	3617.2	3308.4
40°	6871.7	6594.9	6299.0	5989.6	5673.9	5341.4	4998.5	4645.4	4295.0	3941.8	3592.5
37.5°	7476.1	7177.0	6856.3	6515.7	6162.0	5793.8	5416.4	5034.1	4647.8	4267.7	3888.8
35°	8095.9	7768.4	7414.6	7042.5	6653.3	6250.2	5836.2	5417.5	5001.9	4590.9	4180.3
32.5°	8710.1	8355.3	7973.9	7566.6	7138.1	6699.3	6254.3	5802.2	5347.3	4908.3	4471.1
30°	9329.6	8936.7	8523.4	8083.4	7618.8	7141.1	6658.9	6179.9	5695.2	5212.1	4749.6
27.5°	9936.4	9507.7	9058.6	8582.9	8086.6	7573.9	7056.0	6544.7	6027.7	5514.1	5015.4
25°	10527.0	10064.2	9568.7	9060.6	8534.4	7987.9	7431.2	6890.3	6350.4	5800.8	5253.9
22.5°	11095.5	10588.7	10054.7	9511.2	8957.6	8383.5	7789.7	7206.9	6648.1	6057.9	5486.4
20°	11619.7	11075.6	10505.4	9932.8	9347.4	8759.9	8123.7	7503.8	6902.8	6296.8	5697.2
17.5°	12084.8	11532.0	10933.8	10330.4	9707.1	9088.6	8435.9	7773.9	7137.1	6509.0	5882.7
15°	12494.7	11942.3	11336.6	10700.3	10034.9	9359.3	8700.3	8012.7	7350.7	6696.6	6054.2
12.5°	12867.0	12288.7	11683.8	11010.8	10304.4	9599.7	8914.3	8221.8	7540.6	6868.3	6208.5
10°	13201.1	12572.4	11932.3	11250.4	10530.0	9802.4	9096.7	8397.7	7702.2	7015.2	6335.7
7.5°	13430.1	12783.0	12121.6	11441.9	10720.3	9981.4	9254.4	8539.1	7828.3	7132.3	6435.0
5°	13599.2	12949.1	12285.6	11596.5	10868.1	10115.0	9370.7	8641.5	7918.0	7217.9	6505.7
2.5°	13729.0	13062.6	12397.5	11693.1	10963.7	10205.2	9454.0	8718.6	7989.2	7280.7	6568.2
0°	13821.0	13105.1	12462.0	11770.3	11024.0	10259.6	9507.3	8767.1	8032.9	7310.9	6601.1
-2.5°	13729.0	13062.6	12397.5	11693.1	10963.7	10205.2	9454.0	8718.6	7989.2	7280.7	6568.2
-5°	13599.2	12949.1	12285.6	11596.5	10868.1	10115.0	9370.7	8641.5	7918.0	7217.9	6505.7
-7.5°	13430.1	12783.0	12121.6	11441.9	10720.3	9981.4	9254.4	8539.1	7828.3	7132.3	6435.0
-10°	13201.1	12572.4	11932.3	11250.4	10530.0	9802.4	9096.7	8397.7	7702.2	7015.2	6335.7
-12.5°	12867.0	12288.7	11683.8	11010.8	10304.4	9599.7	8914.3	8221.8	7540.6	6868.3	6208.5
-15°	12494.7	11942.3	11336.6	10700.3	10034.9	9359.3	8700.3	8012.7	7350.7	6696.6	6054.2
-17.5°	12084.8	11532.0	10933.8	10330.4	9707.1	9088.6	8435.9	7773.9	7137.1	6509.0	5882.7
-20°	11619.7	11075.6	10505.4	9932.8	9347.4	8759.9	8123.7	7503.8	6902.8	6296.8	5697.2



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11095.5	10588.7	10054.7	9511.2	8957.6	8383.5	7789.7	7206.9	6648.1	6057.9	5486.4
-25°	10527.0	10064.2	9568.7	9060.6	8534.4	7987.9	7431.2	6890.3	6350.4	5800.8	5253.9
-27.5°	9936.4	9507.7	9058.6	8582.9	8086.6	7573.9	7056.0	6544.7	6027.7	5514.1	5015.4
-30°	9329.6	8936.7	8523.4	8083.4	7618.8	7141.1	6658.9	6179.9	5695.2	5212.1	4749.6
-32.5°	8710.1	8355.3	7973.9	7566.6	7138.1	6699.3	6254.3	5802.2	5347.3	4908.3	4471.1
-35°	8095.9	7768.4	7414.6	7042.5	6653.3	6250.2	5836.2	5417.5	5001.9	4590.9	4180.3
-37.5°	7476.1	7177.0	6856.3	6515.7	6162.0	5793.8	5416.4	5034.1	4647.8	4267.7	3888.8
-40°	6871.7	6594.9	6299.0	5989.6	5673.9	5341.4	4998.5	4645.4	4295.0	3941.8	3592.5
-42.5°	6281.0	6025.1	5753.6	5483.0	5193.5	4891.7	4578.5	4261.0	3938.4	3617.2	3308.4
-45°	5687.9	5460.4	5225.7	4979.5	4714.1	4444.7	4163.9	3875.8	3582.2	3303.7	3021.1
-47.5°	5098.3	4913.9	4704.4	4480.9	4248.8	4004.6	3754.2	3491.0	3247.0	2993.8	2752.8
-50°	4561.8	4391.5	4203.1	4001.2	3798.4	3579.6	3359.7	3140.9	2920.3	2702.0	2489.8
-52.5°	4033.5	3885.0	3721.5	3545.7	3363.4	3174.7	2982.5	2800.4	2605.8	2427.7	2250.7
-55°	3521.3	3397.3	3256.3	3101.5	2941.2	2796.0	2637.8	2479.3	2329.8	2172.5	2026.0
-57.5°	3040.4	2935.3	2823.0	2703.0	2576.0	2450.7	2324.2	2193.5	2069.4	1939.8	1806.9
-60°	2606.6	2521.2	2435.2	2341.0	2238.8	2131.6	2034.0	1930.1	1820.4	1713.9	1596.5
-62.5°	2215.2	2157.8	2083.1	2007.2	1929.7	1849.9	1763.9	1678.5	1591.6	1497.7	1390.6
-65°	1846.0	1800.8	1745.8	1693.5	1636.4	1574.2	1504.1	1434.5	1361.8	1282.1	1187.0
-67.5°	1510.1	1479.0	1441.0	1400.6	1359.7	1311.8	1256.9	1197.0	1137.6	1071.2	996.2
-70°	1226.3	1206.1	1179.2	1145.8	1112.8	1078.4	1037.6	988.5	930.9	871.1	816.4
-72.5°	996.5	983.7	965.9	941.2	912.0	880.9	842.7	798.1	748.7	694.5	645.4
-75°	807.4	801.7	790.2	765.2	735.1	699.8	663.2	622.7	575.6	521.3	474.8
-77.5°	640.3	641.0	635.9	608.6	578.6	545.8	508.3	462.3	416.2	369.7	334.2
-80°	470.3	473.4	470.3	442.9	415.0	387.0	357.2	319.0	280.3	243.5	216.0
-82.5°	291.7	290.4	286.2	269.8	253.1	236.4	218.8	192.7	167.0	142.0	120.2
-85°	138.9	133.5	127.7	121.6	115.2	108.5	101.4	88.9	77.2	66.4	57.1
-87.5°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
-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: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-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°	17.4	17.6	17.5	17.4	15.5	13.6	11.9	10.3	9.3	8.3	7.3
85°	57.4	56.0	52.9	48.0	37.8	27.2	23.8	20.5	18.6	16.6	14.6
82.5°	119.8	121.0	120.9	117.4	103.5	89.0	73.8	58.1	43.0	27.4	21.9
80°	216.3	214.0	208.9	199.1	176.4	150.7	131.5	111.5	92.0	71.6	50.3
77.5°	327.1	317.7	306.3	293.3	269.3	241.0	208.5	171.7	140.6	115.5	89.4
75°	450.9	435.9	419.9	398.3	367.4	332.0	296.4	253.5	205.8	160.8	128.2
72.5°	606.0	570.0	537.9	507.6	474.0	434.6	389.0	333.7	275.8	221.1	169.8
70°	763.2	709.2	661.0	619.8	579.4	538.1	488.0	419.9	344.6	280.2	219.8
67.5°	922.9	859.0	794.5	732.7	681.8	633.1	584.9	505.6	419.3	338.0	268.7
65°	1099.1	1013.8	931.9	855.6	786.5	725.6	669.0	585.9	491.8	400.4	316.2
62.5°	1280.5	1171.8	1074.7	977.4	891.3	817.3	749.3	657.6	561.1	460.7	365.8
60°	1471.3	1347.5	1218.5	1104.9	999.3	905.7	823.3	728.4	626.0	518.7	415.0
57.5°	1672.2	1526.7	1381.7	1238.1	1111.3	999.0	895.3	795.5	689.7	576.0	461.0
55°	1875.7	1719.0	1547.6	1385.6	1230.1	1096.5	971.5	859.9	751.3	632.3	500.6
52.5°	2079.5	1907.3	1723.4	1536.3	1362.2	1195.0	1055.4	922.6	807.9	687.3	541.9
50°	2292.7	2095.2	1898.1	1696.0	1493.7	1310.4	1136.3	994.5	862.9	739.5	581.0
47.5°	2514.5	2294.5	2075.2	1854.3	1637.3	1420.8	1230.9	1065.0	916.1	786.8	617.4
45°	2757.7	2500.4	2257.6	2018.8	1773.3	1540.1	1326.5	1132.4	976.3	823.6	651.0
42.5°	3000.7	2717.8	2446.5	2180.8	1915.7	1658.6	1417.2	1211.8	1033.9	858.8	681.8
40°	3259.2	2935.8	2635.1	2346.9	2054.9	1771.3	1517.7	1289.1	1087.9	895.4	711.1
37.5°	3510.5	3159.4	2828.9	2505.4	2191.1	1893.1	1614.2	1361.6	1139.1	936.4	738.8
35°	3776.5	3384.0	3008.1	2665.0	2331.4	2008.6	1704.7	1434.7	1198.0	976.5	764.9
32.5°	4033.5	3603.7	3200.5	2822.5	2465.3	2117.4	1797.7	1512.1	1254.7	1015.3	789.3
30°	4286.1	3824.1	3384.8	2971.3	2595.1	2231.6	1891.0	1584.4	1308.9	1052.9	813.7
27.5°	4518.9	4028.2	3561.5	3125.2	2722.7	2339.9	1979.1	1651.5	1360.3	1091.4	842.1
25°	4735.9	4224.6	3735.7	3273.3	2841.0	2442.4	2060.3	1713.7	1412.6	1131.7	868.5
22.5°	4939.4	4407.0	3893.5	3409.7	2950.7	2536.7	2139.4	1779.8	1462.2	1168.7	892.6
20°	5124.4	4571.3	4034.9	3533.3	3057.3	2626.4	2215.5	1839.0	1506.4	1202.3	914.4
17.5°	5291.0	4721.4	4169.8	3648.9	3156.7	2706.2	2283.1	1891.3	1545.3	1232.3	933.5
15°	5445.7	4857.9	4289.1	3749.8	3242.7	2775.6	2342.0	1936.4	1578.6	1258.3	951.8
12.5°	5578.6	4974.9	4390.3	3835.5	3315.1	2834.4	2391.8	1974.1	1606.3	1281.9	968.9
10°	5688.1	5071.6	4473.0	3905.6	3373.7	2882.3	2432.2	2006.0	1632.2	1302.2	982.1
7.5°	5773.3	5147.4	4536.6	3959.6	3420.2	2922.3	2466.6	2033.4	1653.1	1317.9	991.3
5°	5837.9	5206.5	4592.0	4004.9	3462.9	2954.6	2491.7	2053.1	1668.3	1328.6	996.6
2.5°	5895.3	5250.9	4635.5	4034.3	3491.9	2975.6	2506.8	2065.0	1677.5	1334.3	997.8
0°	5927.6	5272.4	4659.6	4046.8	3506.8	2985.0	2511.8	2068.9	1680.6	1334.8	995.0
-2.5°	5895.3	5250.9	4635.5	4034.3	3491.9	2975.6	2506.8	2065.0	1677.5	1334.3	997.8
-5°	5837.9	5206.5	4592.0	4004.9	3462.9	2954.6	2491.7	2053.1	1668.3	1328.6	996.6
-7.5°	5773.3	5147.4	4536.6	3959.6	3420.2	2922.3	2466.6	2033.4	1653.1	1317.9	991.3
-10°	5688.1	5071.6	4473.0	3905.6	3373.7	2882.3	2432.2	2006.0	1632.2	1302.2	982.1
-12.5°	5578.6	4974.9	4390.3	3835.5	3315.1	2834.4	2391.8	1974.1	1606.3	1281.9	968.9
-15°	5445.7	4857.9	4289.1	3749.8	3242.7	2775.6	2342.0	1936.4	1578.6	1258.3	951.8
-17.5°	5291.0	4721.4	4169.8	3648.9	3156.7	2706.2	2283.1	1891.3	1545.3	1232.3	933.5
-20°	5124.4	4571.3	4034.9	3533.3	3057.3	2626.4	2215.5	1839.0	1506.4	1202.3	914.4



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4939.4	4407.0	3893.5	3409.7	2950.7	2536.7	2139.4	1779.8	1462.2	1168.7	892.6
-25°	4735.9	4224.6	3735.7	3273.3	2841.0	2442.4	2060.3	1713.7	1412.6	1131.7	868.5
-27.5°	4518.9	4028.2	3561.5	3125.2	2722.7	2339.9	1979.1	1651.5	1360.3	1091.4	842.1
-30°	4286.1	3824.1	3384.8	2971.3	2595.1	2231.6	1891.0	1584.4	1308.9	1052.9	813.7
-32.5°	4033.5	3603.7	3200.5	2822.5	2465.3	2117.4	1797.7	1512.1	1254.7	1015.3	789.3
-35°	3776.5	3384.0	3008.1	2665.0	2331.4	2008.6	1704.7	1434.7	1198.0	976.5	764.9
-37.5°	3510.5	3159.4	2828.9	2505.4	2191.1	1893.1	1614.2	1361.6	1139.1	936.4	738.8
-40°	3259.2	2935.8	2635.1	2346.9	2054.9	1771.3	1517.7	1289.1	1087.9	895.4	711.1
-42.5°	3000.7	2717.8	2446.5	2180.8	1915.7	1658.6	1417.2	1211.8	1033.9	858.8	681.8
-45°	2757.7	2500.4	2257.6	2018.8	1773.3	1540.1	1326.5	1132.4	976.3	823.6	651.0
-47.5°	2514.5	2294.5	2075.2	1854.3	1637.3	1420.8	1230.9	1065.0	916.1	786.8	617.4
-50°	2292.7	2095.2	1898.1	1696.0	1493.7	1310.4	1136.3	994.5	862.9	739.5	581.0
-52.5°	2079.5	1907.3	1723.4	1536.3	1362.2	1195.0	1055.4	922.6	807.9	687.3	541.9
-55°	1875.7	1719.0	1547.6	1385.6	1230.1	1096.5	971.5	859.9	751.3	632.3	500.6
-57.5°	1672.2	1526.7	1381.7	1238.1	1111.3	999.0	895.3	795.5	689.7	576.0	461.0
-60°	1471.3	1347.5	1218.5	1104.9	999.3	905.7	823.3	728.4	626.0	518.7	415.0
-62.5°	1280.5	1171.8	1074.7	977.4	891.3	817.3	749.3	657.6	561.1	460.7	365.8
-65°	1099.1	1013.8	931.9	855.6	786.5	725.6	669.0	585.9	491.8	400.4	316.2
-67.5°	922.9	859.0	794.5	732.7	681.8	633.1	584.9	505.6	419.3	338.0	268.7
-70°	763.2	709.2	661.0	619.8	579.4	538.1	488.0	419.9	344.6	280.2	219.8
-72.5°	606.0	570.0	537.9	507.6	474.0	434.6	389.0	333.7	275.8	221.1	169.8
-75°	450.9	435.9	419.9	398.3	367.4	332.0	296.4	253.5	205.8	160.8	128.2
-77.5°	327.1	317.7	306.3	293.3	269.3	241.0	208.5	171.7	140.6	115.5	89.4
-80°	216.3	214.0	208.9	199.1	176.4	150.7	131.5	111.5	92.0	71.6	50.3
-82.5°	119.8	121.0	120.9	117.4	103.5	89.0	73.8	58.1	43.0	27.4	21.9
-85°	57.4	56.0	52.9	48.0	37.8	27.2	23.8	20.5	18.6	16.6	14.6
-87.5°	17.4	17.6	17.5	17.4	15.5	13.6	11.9	10.3	9.3	8.3	7.3
-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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-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°	6.3	5.3	4.2	3.2	2.1	0.9	0.0
85°	12.6	10.5	8.4	6.3	4.2	1.9	0.0
82.5°	18.8	15.7	12.6	9.5	6.3	2.8	0.0
80°	28.3	20.9	16.8	12.6	8.4	3.7	0.0
77.5°	61.6	32.8	20.9	15.7	10.4	4.6	0.0
75°	94.1	56.7	27.3	18.8	12.5	5.5	0.0
72.5°	125.6	80.0	43.4	21.9	14.4	6.3	0.0
70°	157.1	102.4	59.1	26.2	16.4	7.2	0.0
67.5°	194.9	123.9	74.1	35.9	18.2	8.0	0.0
65°	231.0	147.9	88.5	45.2	20.0	8.9	0.0
62.5°	265.4	174.2	102.1	54.0	21.8	9.7	0.0
60°	297.7	199.2	114.9	62.4	23.5	10.4	0.0
57.5°	331.8	222.6	131.9	70.3	28.2	11.2	0.0
55°	364.1	244.3	148.2	77.7	32.8	11.9	0.0
52.5°	394.0	265.0	163.3	84.5	37.2	12.6	0.0
50°	421.3	287.0	177.2	90.7	41.5	13.2	0.0
47.5°	447.0	307.0	189.9	97.1	45.5	13.8	0.0
45°	475.5	325.1	201.3	105.6	49.4	14.4	0.0
42.5°	501.7	341.2	211.4	113.2	53.0	14.9	0.0
40°	525.4	355.3	221.5	121.0	56.4	15.4	0.0
37.5°	546.7	367.3	231.6	128.7	59.6	15.9	0.0
35°	565.4	381.1	240.3	135.9	62.6	16.3	0.0
32.5°	582.7	395.0	247.5	142.5	65.3	16.7	0.0
30°	600.8	406.9	253.3	148.6	67.9	17.1	0.0
27.5°	616.9	416.7	262.0	154.1	70.1	17.4	0.0
25°	631.2	424.4	270.1	159.0	72.1	17.7	0.0
22.5°	643.4	432.3	277.3	163.3	73.9	17.9	0.0
20°	653.4	443.0	283.5	167.1	75.5	18.1	0.0
17.5°	666.0	451.8	288.7	170.2	76.7	18.2	0.0
15°	679.1	458.6	292.9	172.8	77.8	18.3	0.0
12.5°	689.8	463.5	296.0	174.8	78.6	18.4	0.0
10°	697.9	466.6	298.2	176.1	79.1	18.4	0.0
7.5°	703.4	467.8	299.5	176.9	79.4	18.4	0.0
5°	706.3	467.3	299.7	177.2	79.5	18.4	0.0
2.5°	706.4	465.0	299.0	176.8	79.3	18.3	0.0
0°	703.8	461.1	297.3	175.9	78.9	18.2	0.0
-2.5°	706.4	465.0	299.0	176.8	79.3	18.3	0.0
-5°	706.3	467.3	299.7	177.2	79.5	18.4	0.0
-7.5°	703.4	467.8	299.5	176.9	79.4	18.4	0.0
-10°	697.9	466.6	298.2	176.1	79.1	18.4	0.0
-12.5°	689.8	463.5	296.0	174.8	78.6	18.4	0.0
-15°	679.1	458.6	292.9	172.8	77.8	18.3	0.0
-17.5°	666.0	451.8	288.7	170.2	76.7	18.2	0.0
-20°	653.4	443.0	283.5	167.1	75.5	18.1	0.0

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Scaled Data Report



REPORT NUMBER: P627821 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	643.4	432.3	277.3	163.3	73.9	17.9	0.0
-25°	631.2	424.4	270.1	159.0	72.1	17.7	0.0
-27.5°	616.9	416.7	262.0	154.1	70.1	17.4	0.0
-30°	600.8	406.9	253.3	148.6	67.9	17.1	0.0
-32.5°	582.7	395.0	247.5	142.5	65.3	16.7	0.0
-35°	565.4	381.1	240.3	135.9	62.6	16.3	0.0
-37.5°	546.7	367.3	231.6	128.7	59.6	15.9	0.0
-40°	525.4	355.3	221.5	121.0	56.4	15.4	0.0
-42.5°	501.7	341.2	211.4	113.2	53.0	14.9	0.0
-45°	475.5	325.1	201.3	105.6	49.4	14.4	0.0
-47.5°	447.0	307.0	189.9	97.1	45.5	13.8	0.0
-50°	421.3	287.0	177.2	90.7	41.5	13.2	0.0
-52.5°	394.0	265.0	163.3	84.5	37.2	12.6	0.0
-55°	364.1	244.3	148.2	77.7	32.8	11.9	0.0
-57.5°	331.8	222.6	131.9	70.3	28.2	11.2	0.0
-60°	297.7	199.2	114.9	62.4	23.5	10.4	0.0
-62.5°	265.4	174.2	102.1	54.0	21.8	9.7	0.0
-65°	231.0	147.9	88.5	45.2	20.0	8.9	0.0
-67.5°	194.9	123.9	74.1	35.9	18.2	8.0	0.0
-70°	157.1	102.4	59.1	26.2	16.4	7.2	0.0
-72.5°	125.6	80.0	43.4	21.9	14.4	6.3	0.0
-75°	94.1	56.7	27.3	18.8	12.5	5.5	0.0
-77.5°	61.6	32.8	20.9	15.7	10.4	4.6	0.0
-80°	28.3	20.9	16.8	12.6	8.4	3.7	0.0
-82.5°	18.8	15.7	12.6	9.5	6.3	2.8	0.0
-85°	12.6	10.5	8.4	6.3	4.2	1.9	0.0
-87.5°	6.3	5.3	4.2	3.2	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)