

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: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627841 (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-750-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N153
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

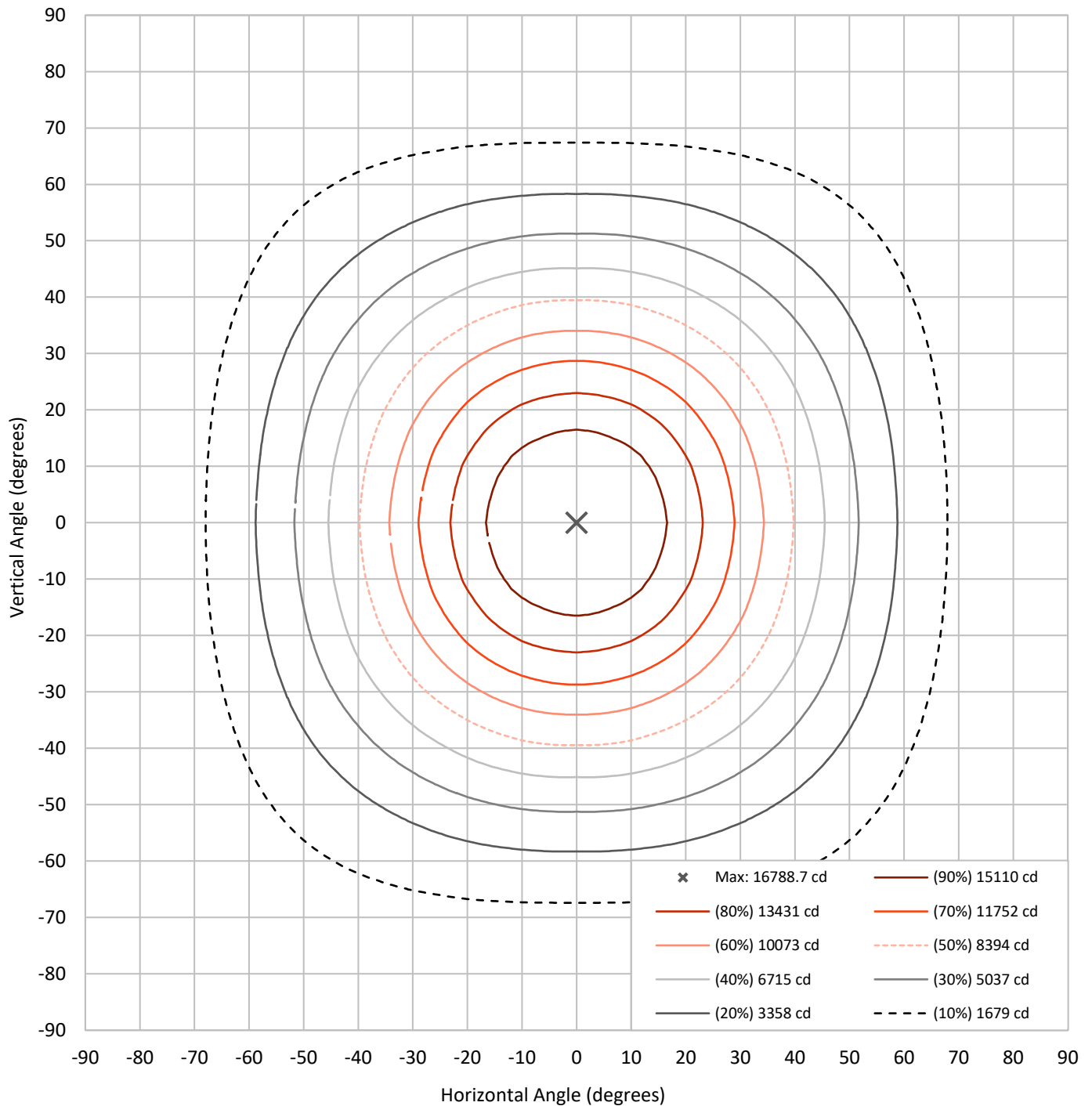
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	30344.2 lumens	Max Intensity:	16788.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	159.2 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:	17797 lumens	Field Lumens:	28928 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		



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Iso-Candela Plot





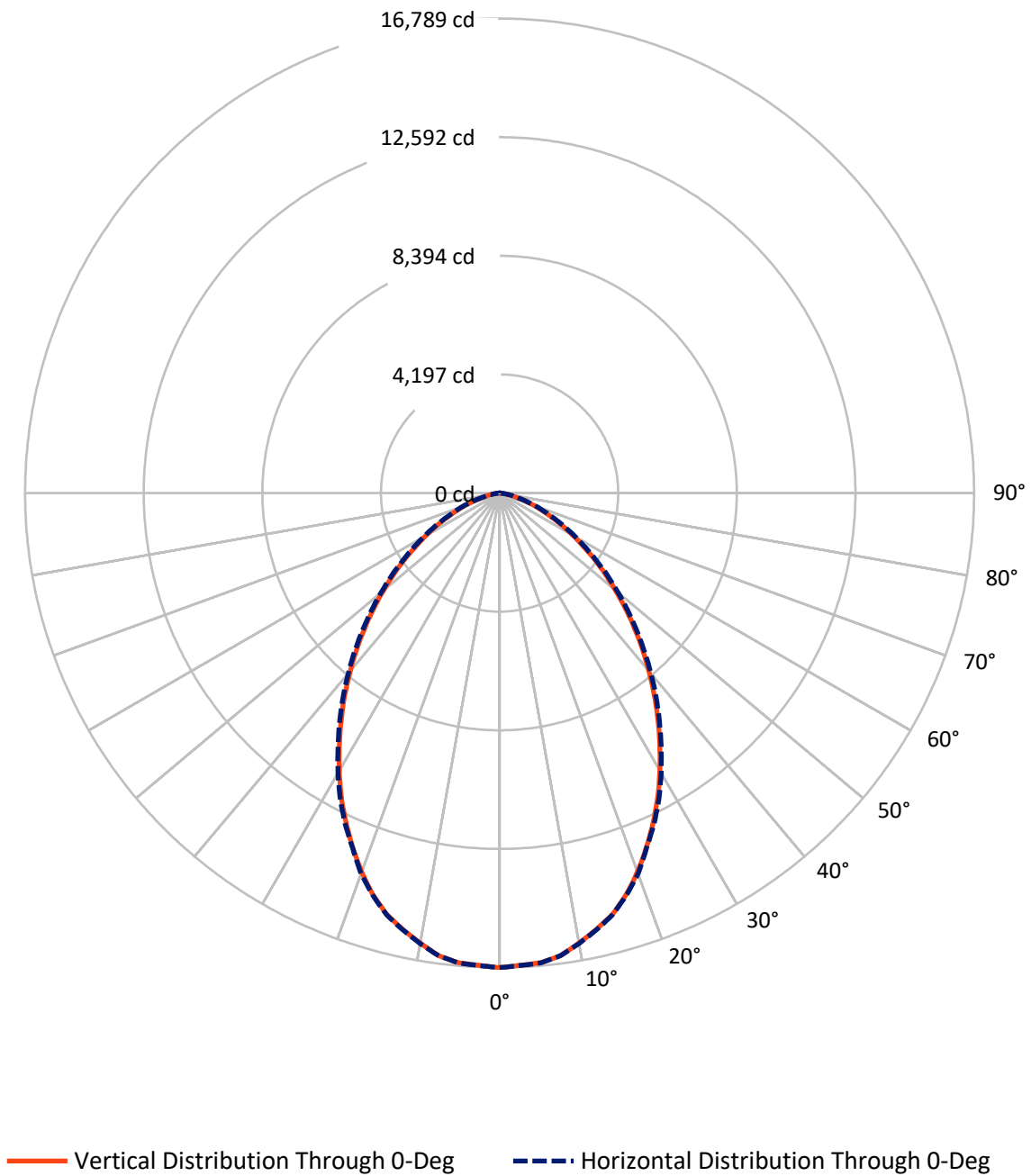
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Lumen Table

90																			
80	1.0	12.4	33.9	57.5	54.2	57.5	33.9	12.4	1.0										
70																			
60	5.6	7.8	15.7	26.8	39.2	50.6	59.2	63.3	63.3	59.2	50.6	39.2	26.8	15.7	7.8				5.6
50																			
40	9.9	11.7	25.5	45.5	68.9	93.7	114.0	124.6	124.6	114.0	93.7	68.9	45.5	25.5	11.7				9.9
30																			
20	12.7	15.7	36.9	68.1	107.9	149.6	184.5	203.6	203.6	184.5	149.6	107.9	68.1	36.9	15.7				12.7
10																			
0	13.9	19.8	48.9	93.8	151.1	211.8	263.7	293.2	293.2	263.7	211.8	151.1	93.8	48.9	19.8				13.9
-10																			
-20	12.7	23.7	60.1	117.9	192.4	273.1	343.5	383.9	383.9	343.5	273.1	192.4	117.9	60.1	23.7				12.7
-30																			
-40	9.9	26.8	68.8	136.0	224.6	322.7	409.3	458.5	458.5	409.3	322.7	224.6	136.0	68.8	26.8				9.9
-50																			
-60	5.6	28.4	73.6	146.2	242.5	350.2	444.9	496.7	496.7	444.9	350.2	242.5	146.2	73.6	28.4				5.6
-70																			
-80	1.0	28.4	73.6	146.2	242.5	350.2	444.9	496.7	496.7	444.9	350.2	242.5	146.2	73.6	28.4				1.0
-90																			

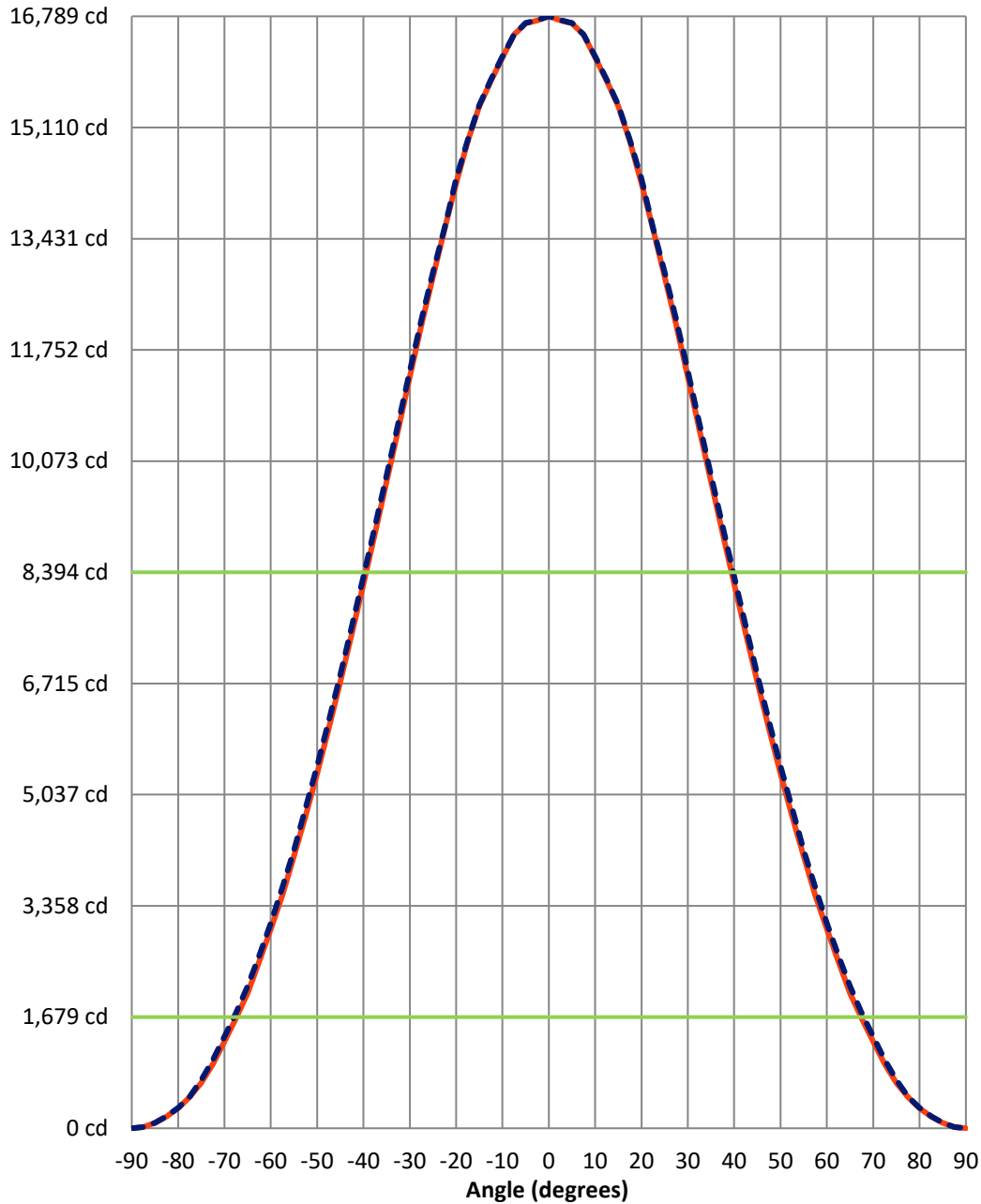
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 17797
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 28928
 Efficiency: 95.3%

Spill:
 Lumens: 1416.2
 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	1.0	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
85°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
82.5°	0.0	2.9	6.6	9.8	13.1	16.3	19.5	22.7	28.4	44.6	60.2
80°	0.0	3.8	8.7	13.1	17.4	21.7	29.4	52.2	74.2	95.4	115.6
77.5°	0.0	4.8	10.8	16.3	21.7	34.0	63.9	92.7	119.8	145.8	178.1
75°	0.0	5.7	12.9	19.5	28.3	58.8	97.6	133.0	166.8	213.4	262.9
72.5°	0.0	6.6	15.0	22.7	45.1	82.9	130.3	176.2	229.4	286.1	346.2
70°	0.0	7.5	17.0	27.2	61.3	106.2	162.9	228.0	290.6	357.4	435.5
67.5°	0.0	8.3	18.9	37.2	76.9	128.5	202.2	278.7	350.6	434.9	524.4
65°	0.0	9.2	20.8	46.8	91.8	153.4	239.7	327.9	415.3	510.1	607.6
62.5°	0.0	10.0	22.6	56.0	105.9	180.7	275.3	379.4	477.8	582.0	682.1
60°	0.0	10.8	24.3	64.7	119.2	206.6	308.8	430.5	538.0	649.2	755.5
57.5°	0.0	11.6	29.2	72.9	136.9	230.9	344.1	478.1	597.4	715.3	825.1
55°	0.0	12.3	34.0	80.6	153.7	253.5	377.6	519.2	655.8	779.1	891.8
52.5°	0.0	13.0	38.6	87.6	169.4	274.9	408.6	562.0	712.8	837.9	956.9
50°	0.0	13.7	43.0	94.1	183.8	297.7	437.0	602.6	766.9	894.9	1031.5
47.5°	0.0	14.3	47.2	100.8	197.0	318.5	463.6	640.3	816.0	950.1	1104.5
45°	0.0	14.9	51.2	109.5	208.8	337.2	493.2	675.2	854.1	1012.5	1174.5
42.5°	0.0	15.5	55.0	117.4	219.3	353.9	520.3	707.2	890.7	1072.3	1256.8
40°	0.0	16.0	58.5	125.5	229.9	368.5	544.9	737.5	928.6	1128.2	1337.0
37.5°	0.0	16.5	61.8	133.5	240.3	380.9	566.9	766.2	971.2	1181.4	1412.2
35°	0.0	17.0	64.9	141.0	249.3	395.3	586.4	793.3	1012.8	1242.5	1488.0
32.5°	0.0	17.4	67.8	147.9	256.7	409.7	604.4	818.6	1053.1	1301.3	1568.3
30°	0.0	17.7	70.4	154.2	262.8	421.9	623.1	844.0	1092.0	1357.5	1643.3
27.5°	0.0	18.1	72.7	159.9	271.7	432.1	639.9	873.4	1132.0	1410.9	1713.0
25°	0.0	18.3	74.8	165.0	280.2	440.2	654.6	900.8	1173.7	1465.2	1777.4
22.5°	0.0	18.6	76.7	169.5	287.6	448.3	667.3	925.8	1212.2	1516.5	1845.9
20°	0.0	18.8	78.3	173.3	294.0	459.4	677.7	948.4	1247.0	1562.5	1907.4
17.5°	0.0	18.9	79.6	176.6	299.4	468.5	690.8	968.2	1278.1	1602.8	1961.6
15°	0.0	19.0	80.7	179.3	303.7	475.6	704.4	987.1	1305.1	1637.3	2008.4
12.5°	0.0	19.1	81.5	181.3	307.0	480.7	715.4	1004.9	1329.5	1666.0	2047.5
10°	0.0	19.2	82.0	182.8	309.3	483.9	723.8	1018.6	1350.6	1692.9	2080.5
7.5°	0.0	19.1	82.4	183.6	310.5	485.2	729.6	1028.2	1366.9	1714.6	2109.0
5°	0.0	19.1	82.4	183.8	310.8	484.6	732.5	1033.6	1378.0	1730.3	2129.4
2.5°	0.0	19.0	82.2	183.5	310.0	482.3	732.7	1034.9	1383.9	1739.9	2141.7
0°	0.0	18.9	81.8	182.5	308.3	478.2	729.9	1032.0	1384.4	1743.1	2145.8
-2.5°	0.0	19.0	82.2	183.5	310.0	482.3	732.7	1034.9	1383.9	1739.9	2141.7
-5°	0.0	19.1	82.4	183.8	310.8	484.6	732.5	1033.6	1378.0	1730.3	2129.4
-7.5°	0.0	19.1	82.4	183.6	310.5	485.2	729.6	1028.2	1366.9	1714.6	2109.0
-10°	0.0	19.2	82.0	182.8	309.3	483.9	723.8	1018.6	1350.6	1692.9	2080.5
-12.5°	0.0	19.1	81.5	181.3	307.0	480.7	715.4	1004.9	1329.5	1666.0	2047.5
-15°	0.0	19.0	80.7	179.3	303.7	475.6	704.4	987.1	1305.1	1637.3	2008.4
-17.5°	0.0	18.9	79.6	176.6	299.4	468.5	690.8	968.2	1278.1	1602.8	1961.6
-20°	0.0	18.8	78.3	173.3	294.0	459.4	677.7	948.4	1247.0	1562.5	1907.4

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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	18.6	76.7	169.5	287.6	448.3	667.3	925.8	1212.2	1516.5	1845.9
-25°	0.0	18.3	74.8	165.0	280.2	440.2	654.6	900.8	1173.7	1465.2	1777.4
-27.5°	0.0	18.1	72.7	159.9	271.7	432.1	639.9	873.4	1132.0	1410.9	1713.0
-30°	0.0	17.7	70.4	154.2	262.8	421.9	623.1	844.0	1092.0	1357.5	1643.3
-32.5°	0.0	17.4	67.8	147.9	256.7	409.7	604.4	818.6	1053.1	1301.3	1568.3
-35°	0.0	17.0	64.9	141.0	249.3	395.3	586.4	793.3	1012.8	1242.5	1488.0
-37.5°	0.0	16.5	61.8	133.5	240.3	380.9	566.9	766.2	971.2	1181.4	1412.2
-40°	0.0	16.0	58.5	125.5	229.9	368.5	544.9	737.5	928.6	1128.2	1337.0
-42.5°	0.0	15.5	55.0	117.4	219.3	353.9	520.3	707.2	890.7	1072.3	1256.8
-45°	0.0	14.9	51.2	109.5	208.8	337.2	493.2	675.2	854.1	1012.5	1174.5
-47.5°	0.0	14.3	47.2	100.8	197.0	318.5	463.6	640.3	816.0	950.1	1104.5
-50°	0.0	13.7	43.0	94.1	183.8	297.7	437.0	602.6	766.9	894.9	1031.5
-52.5°	0.0	13.0	38.6	87.6	169.4	274.9	408.6	562.0	712.8	837.9	956.9
-55°	0.0	12.3	34.0	80.6	153.7	253.5	377.6	519.2	655.8	779.1	891.8
-57.5°	0.0	11.6	29.2	72.9	136.9	230.9	344.1	478.1	597.4	715.3	825.1
-60°	0.0	10.8	24.3	64.7	119.2	206.6	308.8	430.5	538.0	649.2	755.5
-62.5°	0.0	10.0	22.6	56.0	105.9	180.7	275.3	379.4	477.8	582.0	682.1
-65°	0.0	9.2	20.8	46.8	91.8	153.4	239.7	327.9	415.3	510.1	607.6
-67.5°	0.0	8.3	18.9	37.2	76.9	128.5	202.2	278.7	350.6	434.9	524.4
-70°	0.0	7.5	17.0	27.2	61.3	106.2	162.9	228.0	290.6	357.4	435.5
-72.5°	0.0	6.6	15.0	22.7	45.1	82.9	130.3	176.2	229.4	286.1	346.2
-75°	0.0	5.7	12.9	19.5	28.3	58.8	97.6	133.0	166.8	213.4	262.9
-77.5°	0.0	4.8	10.8	16.3	21.7	34.0	63.9	92.7	119.8	145.8	178.1
-80°	0.0	3.8	8.7	13.1	17.4	21.7	29.4	52.2	74.2	95.4	115.6
-82.5°	0.0	2.9	6.6	9.8	13.1	16.3	19.5	22.7	28.4	44.6	60.2
-85°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
-87.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
-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°	12.4	14.2	16.1	18.1	18.2	18.2	18.1	17.8	18.6	19.3	20.0
85°	24.6	28.3	39.2	49.8	55.0	58.1	59.5	59.3	68.9	80.1	92.2
82.5°	76.6	92.3	107.4	121.7	125.4	125.5	124.3	124.7	147.3	173.2	199.8
80°	136.3	156.3	182.9	206.4	216.6	221.9	224.4	224.0	252.6	290.7	330.9
77.5°	216.3	250.0	279.3	304.2	317.7	329.5	339.2	346.6	383.4	431.7	479.5
75°	307.4	344.4	381.1	413.1	435.5	452.1	467.6	492.5	540.7	596.9	645.9
72.5°	403.5	450.7	491.6	526.4	557.8	591.2	628.5	669.4	720.3	776.5	827.7
70°	506.2	558.0	600.9	642.8	685.6	735.5	791.6	846.7	903.5	965.5	1025.2
67.5°	606.6	656.6	707.1	759.9	824.0	890.9	957.2	1033.2	1110.9	1179.8	1241.4
65°	693.8	752.5	815.6	887.3	966.6	1051.5	1139.9	1231.0	1329.7	1412.4	1487.8
62.5°	777.1	847.7	924.4	1013.8	1114.7	1215.3	1328.1	1442.3	1553.4	1650.8	1740.8
60°	853.9	939.3	1036.4	1145.9	1263.8	1397.6	1526.0	1655.8	1777.6	1888.0	2001.8
57.5°	928.6	1036.1	1152.6	1284.1	1433.1	1583.4	1734.4	1874.0	2011.9	2146.3	2275.1
55°	1007.6	1137.2	1275.8	1437.1	1605.1	1782.8	1945.4	2101.3	2253.2	2416.4	2571.4
52.5°	1094.6	1239.4	1412.8	1593.4	1787.4	1978.2	2156.8	2334.4	2518.0	2702.6	2904.5
50°	1178.5	1359.1	1549.1	1759.1	1968.7	2173.1	2377.9	2582.4	2802.4	3028.8	3257.6
47.5°	1276.6	1473.6	1698.1	1923.3	2152.3	2379.8	2608.0	2855.1	3105.0	3367.7	3620.8
45°	1375.8	1597.3	1839.2	2093.9	2341.6	2593.4	2860.2	3133.4	3426.4	3715.3	4019.7
42.5°	1469.9	1720.2	1987.0	2261.9	2537.4	2818.8	3112.2	3431.3	3751.6	4084.7	4419.3
40°	1574.1	1837.2	2131.2	2434.1	2733.1	3045.0	3380.3	3726.0	4088.3	4454.6	4817.9
37.5°	1674.2	1963.5	2272.6	2598.6	2934.0	3276.8	3641.0	4033.3	4426.2	4820.5	5221.2
35°	1768.0	2083.2	2418.0	2764.1	3119.9	3509.8	3916.9	4335.6	4761.4	5187.8	5618.8
32.5°	1864.6	2196.1	2557.0	2927.4	3319.4	3737.6	4183.4	4637.2	5090.7	5546.0	6017.8
30°	1961.3	2314.5	2691.6	3081.8	3510.6	3966.2	4445.4	4926.1	5405.8	5906.8	6409.6
27.5°	2052.7	2426.8	2823.9	3241.4	3693.8	4177.9	4686.9	5201.8	5719.0	6251.7	6787.9
25°	2136.8	2533.2	2946.6	3394.9	3874.5	4381.6	4911.9	5449.2	6016.4	6586.4	7146.4
22.5°	2218.9	2630.9	3060.3	3536.4	4038.2	4570.8	5122.9	5690.3	6283.0	6895.1	7474.6
20°	2297.8	2724.0	3171.0	3664.6	4184.9	4741.1	5314.8	5908.9	6530.8	7159.2	7782.6
17.5°	2368.0	2806.8	3274.0	3784.5	4324.8	4896.8	5487.6	6101.3	6750.8	7402.3	8062.8
15°	2429.0	2878.8	3363.2	3889.1	4448.5	5038.3	5648.0	6279.2	6945.4	7623.8	8310.4
12.5°	2480.6	2939.7	3438.3	3978.0	4553.4	5159.7	5785.9	6439.2	7123.5	7820.8	8527.4
10°	2522.6	2989.4	3499.0	4050.7	4639.1	5260.1	5899.4	6571.1	7275.9	7988.4	8709.8
7.5°	2558.3	3030.9	3547.2	4106.7	4705.2	5338.6	5987.8	6674.1	7397.3	8119.1	8856.4
5°	2584.3	3064.4	3591.5	4153.7	4762.7	5400.0	6054.8	6747.4	7486.1	8212.2	8962.6
2.5°	2599.9	3086.2	3621.6	4184.2	4807.8	5446.0	6114.3	6812.2	7551.2	8286.1	9042.5
0°	2605.1	3096.0	3637.1	4197.2	4832.7	5468.3	6147.9	6846.4	7582.6	8331.4	9092.8
-2.5°	2599.9	3086.2	3621.6	4184.2	4807.8	5446.0	6114.3	6812.2	7551.2	8286.1	9042.5
-5°	2584.3	3064.4	3591.5	4153.7	4762.7	5400.0	6054.8	6747.4	7486.1	8212.2	8962.6
-7.5°	2558.3	3030.9	3547.2	4106.7	4705.2	5338.6	5987.8	6674.1	7397.3	8119.1	8856.4
-10°	2522.6	2989.4	3499.0	4050.7	4639.1	5260.1	5899.4	6571.1	7275.9	7988.4	8709.8
-12.5°	2480.6	2939.7	3438.3	3978.0	4553.4	5159.7	5785.9	6439.2	7123.5	7820.8	8527.4
-15°	2429.0	2878.8	3363.2	3889.1	4448.5	5038.3	5648.0	6279.2	6945.4	7623.8	8310.4
-17.5°	2368.0	2806.8	3274.0	3784.5	4324.8	4896.8	5487.6	6101.3	6750.8	7402.3	8062.8
-20°	2297.8	2724.0	3171.0	3664.6	4184.9	4741.1	5314.8	5908.9	6530.8	7159.2	7782.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	2218.9	2630.9	3060.3	3536.4	4038.2	4570.8	5122.9	5690.3	6283.0	6895.1	7474.6
-25°	2136.8	2533.2	2946.6	3394.9	3874.5	4381.6	4911.9	5449.2	6016.4	6586.4	7146.4
-27.5°	2052.7	2426.8	2823.9	3241.4	3693.8	4177.9	4686.9	5201.8	5719.0	6251.7	6787.9
-30°	1961.3	2314.5	2691.6	3081.8	3510.6	3966.2	4445.4	4926.1	5405.8	5906.8	6409.6
-32.5°	1864.6	2196.1	2557.0	2927.4	3319.4	3737.6	4183.4	4637.2	5090.7	5546.0	6017.8
-35°	1768.0	2083.2	2418.0	2764.1	3119.9	3509.8	3916.9	4335.6	4761.4	5187.8	5618.8
-37.5°	1674.2	1963.5	2272.6	2598.6	2934.0	3276.8	3641.0	4033.3	4426.2	4820.5	5221.2
-40°	1574.1	1837.2	2131.2	2434.1	2733.1	3045.0	3380.3	3726.0	4088.3	4454.6	4817.9
-42.5°	1469.9	1720.2	1987.0	2261.9	2537.4	2818.8	3112.2	3431.3	3751.6	4084.7	4419.3
-45°	1375.8	1597.3	1839.2	2093.9	2341.6	2593.4	2860.2	3133.4	3426.4	3715.3	4019.7
-47.5°	1276.6	1473.6	1698.1	1923.3	2152.3	2379.8	2608.0	2855.1	3105.0	3367.7	3620.8
-50°	1178.5	1359.1	1549.1	1759.1	1968.7	2173.1	2377.9	2582.4	2802.4	3028.8	3257.6
-52.5°	1094.6	1239.4	1412.8	1593.4	1787.4	1978.2	2156.8	2334.4	2518.0	2702.6	2904.5
-55°	1007.6	1137.2	1275.8	1437.1	1605.1	1782.8	1945.4	2101.3	2253.2	2416.4	2571.4
-57.5°	928.6	1036.1	1152.6	1284.1	1433.1	1583.4	1734.4	1874.0	2011.9	2146.3	2275.1
-60°	853.9	939.3	1036.4	1145.9	1263.8	1397.6	1526.0	1655.8	1777.6	1888.0	2001.8
-62.5°	777.1	847.7	924.4	1013.8	1114.7	1215.3	1328.1	1442.3	1553.4	1650.8	1740.8
-65°	693.8	752.5	815.6	887.3	966.6	1051.5	1139.9	1231.0	1329.7	1412.4	1487.8
-67.5°	606.6	656.6	707.1	759.9	824.0	890.9	957.2	1033.2	1110.9	1179.8	1241.4
-70°	506.2	558.0	600.9	642.8	685.6	735.5	791.6	846.7	903.5	965.5	1025.2
-72.5°	403.5	450.7	491.6	526.4	557.8	591.2	628.5	669.4	720.3	776.5	827.7
-75°	307.4	344.4	381.1	413.1	435.5	452.1	467.6	492.5	540.7	596.9	645.9
-77.5°	216.3	250.0	279.3	304.2	317.7	329.5	339.2	346.6	383.4	431.7	479.5
-80°	136.3	156.3	182.9	206.4	216.6	221.9	224.4	224.0	252.6	290.7	330.9
-82.5°	76.6	92.3	107.4	121.7	125.4	125.5	124.3	124.7	147.3	173.2	199.8
-85°	24.6	28.3	39.2	49.8	55.0	58.1	59.5	59.3	68.9	80.1	92.2
-87.5°	12.4	14.2	16.1	18.1	18.2	18.2	18.1	17.8	18.6	19.3	20.0
-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: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	23.1	21.7
85°	105.1	112.6	119.5	126.1	132.4	138.4	144.1	149.3	154.1	140.8	126.0
82.5°	227.0	245.2	262.5	279.8	296.8	301.2	302.5	301.9	299.5	276.0	250.1
80°	370.5	401.4	430.5	459.3	487.8	491.0	487.7	481.8	473.5	442.8	407.9
77.5°	527.2	566.0	600.1	631.2	659.5	664.8	664.1	662.7	660.3	629.0	590.9
75°	687.9	725.8	762.5	793.6	819.6	831.5	837.4	841.5	843.8	821.3	791.7
72.5°	874.0	913.6	945.9	976.1	1001.7	1020.2	1033.5	1043.6	1050.4	1043.6	1031.5
70°	1076.1	1118.5	1154.2	1188.3	1223.0	1250.8	1271.9	1287.1	1296.8	1303.1	1307.6
67.5°	1303.6	1360.5	1410.2	1452.6	1494.6	1533.9	1566.3	1592.7	1613.1	1630.4	1643.8
65°	1560.0	1632.7	1697.2	1756.4	1810.7	1867.8	1914.7	1954.0	1985.6	2011.7	2032.7
62.5°	1829.5	1918.6	2001.4	2081.8	2160.5	2238.0	2297.5	2351.7	2399.9	2441.4	2474.3
60°	2109.6	2210.9	2322.0	2428.0	2525.6	2614.8	2703.4	2780.1	2845.8	2900.2	2944.2
57.5°	2410.6	2541.8	2671.6	2803.4	2927.9	3044.4	3153.4	3249.6	3330.9	3397.6	3453.6
55°	2735.8	2899.9	3050.5	3216.7	3377.2	3523.4	3652.1	3765.3	3863.1	3945.0	4014.6
52.5°	3093.3	3292.7	3488.4	3677.4	3859.8	4029.3	4183.5	4315.2	4432.4	4532.8	4612.9
50°	3484.5	3712.6	3939.5	4149.8	4359.3	4554.7	4731.4	4884.2	5020.5	5138.6	5231.5
47.5°	3893.7	4153.3	4406.7	4647.5	4879.3	5096.5	5287.7	5461.9	5631.9	5770.6	5880.2
45°	4318.5	4609.8	4889.3	5164.6	5419.9	5663.3	5899.2	6116.2	6290.7	6443.4	6571.7
42.5°	4748.6	5073.5	5386.5	5686.8	5967.4	6249.0	6514.4	6751.6	6950.6	7124.3	7270.0
40°	5184.2	5540.0	5884.7	6212.1	6533.0	6840.0	7127.1	7377.3	7601.6	7807.9	7979.7
37.5°	5617.7	6009.0	6391.0	6757.8	7111.1	7443.6	7753.9	8036.5	8289.7	8524.7	8715.5
35°	6053.0	6482.4	6900.5	7304.2	7690.1	8057.1	8396.7	8718.4	9016.8	9254.7	9449.9
32.5°	6486.7	6948.3	7403.4	7847.7	8270.1	8665.8	9033.8	9389.2	9696.1	9957.7	10182.1
30°	6906.4	7406.4	7901.9	8383.8	8840.1	9268.8	9676.3	10052.1	10382.1	10668.2	10920.0
27.5°	7318.1	7855.3	8387.0	8901.8	9395.1	9861.0	10305.7	10713.1	11073.4	11384.4	11649.8
25°	7707.3	8284.7	8851.5	9397.2	9924.2	10438.1	10918.2	11363.0	11747.7	12089.0	12361.8
22.5°	8079.2	8695.0	9290.4	9864.6	10428.3	10982.2	11507.8	11972.2	12380.0	12736.8	13038.7
20°	8425.6	9085.5	9694.7	10301.9	10895.7	11487.1	12051.5	12541.4	12972.9	13352.8	13685.5
17.5°	8749.4	9426.3	10067.8	10714.3	11340.0	11960.5	12533.8	13059.0	13524.5	13927.9	14276.3
15°	9023.6	9707.1	10407.7	11097.9	11757.9	12386.1	12959.0	13507.5	14024.4	14460.6	14814.0
12.5°	9245.5	9956.4	10687.3	11420.0	12118.0	12745.4	13345.1	13901.6	14444.4	14934.5	15259.3
10°	9434.7	10166.7	10921.3	11668.5	12375.8	13039.7	13691.6	14280.0	14813.5	15252.3	15615.0
7.5°	9598.3	10352.3	11118.7	11867.2	12572.0	13258.0	13929.1	14554.0	15092.6	15505.9	15829.5
5°	9718.9	10490.9	11272.0	12027.4	12742.1	13430.3	14104.5	14721.5	15247.2	15667.8	16020.7
2.5°	9805.2	10584.4	11371.1	12127.5	12858.2	13548.1	14239.2	14863.1	15372.2	15757.6	16095.4
0°	9860.5	10640.8	11433.7	12207.7	12925.0	13592.1	14334.6	14919.8	15448.4	15832.2	16184.6
-2.5°	9805.2	10584.4	11371.1	12127.5	12858.2	13548.1	14239.2	14863.1	15372.2	15757.6	16095.4
-5°	9718.9	10490.9	11272.0	12027.4	12742.1	13430.3	14104.5	14721.5	15247.2	15667.8	16020.7
-7.5°	9598.3	10352.3	11118.7	11867.2	12572.0	13258.0	13929.1	14554.0	15092.6	15505.9	15829.5
-10°	9434.7	10166.7	10921.3	11668.5	12375.8	13039.7	13691.6	14280.0	14813.5	15252.3	15615.0
-12.5°	9245.5	9956.4	10687.3	11420.0	12118.0	12745.4	13345.1	13901.6	14444.4	14934.5	15259.3
-15°	9023.6	9707.1	10407.7	11097.9	11757.9	12386.1	12959.0	13507.5	14024.4	14460.6	14814.0
-17.5°	8749.4	9426.3	10067.8	10714.3	11340.0	11960.5	12533.8	13059.0	13524.5	13927.9	14276.3
-20°	8425.6	9085.5	9694.7	10301.9	10895.7	11487.1	12051.5	12541.4	12972.9	13352.8	13685.5



REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8079.2	8695.0	9290.4	9864.6	10428.3	10982.2	11507.8	11972.2	12380.0	12736.8	13038.7
-25°	7707.3	8284.7	8851.5	9397.2	9924.2	10438.1	10918.2	11363.0	11747.7	12089.0	12361.8
-27.5°	7318.1	7855.3	8387.0	8901.8	9395.1	9861.0	10305.7	10713.1	11073.4	11384.4	11649.8
-30°	6906.4	7406.4	7901.9	8383.8	8840.1	9268.8	9676.3	10052.1	10382.1	10668.2	10920.0
-32.5°	6486.7	6948.3	7403.4	7847.7	8270.1	8665.8	9033.8	9389.2	9696.1	9957.7	10182.1
-35°	6053.0	6482.4	6900.5	7304.2	7690.1	8057.1	8396.7	8718.4	9016.8	9254.7	9449.9
-37.5°	5617.7	6009.0	6391.0	6757.8	7111.1	7443.6	7753.9	8036.5	8289.7	8524.7	8715.5
-40°	5184.2	5540.0	5884.7	6212.1	6533.0	6840.0	7127.1	7377.3	7601.6	7807.9	7979.7
-42.5°	4748.6	5073.5	5386.5	5686.8	5967.4	6249.0	6514.4	6751.6	6950.6	7124.3	7270.0
-45°	4318.5	4609.8	4889.3	5164.6	5419.9	5663.3	5899.2	6116.2	6290.7	6443.4	6571.7
-47.5°	3893.7	4153.3	4406.7	4647.5	4879.3	5096.5	5287.7	5461.9	5631.9	5770.6	5880.2
-50°	3484.5	3712.6	3939.5	4149.8	4359.3	4554.7	4731.4	4884.2	5020.5	5138.6	5231.5
-52.5°	3093.3	3292.7	3488.4	3677.4	3859.8	4029.3	4183.5	4315.2	4432.4	4532.8	4612.9
-55°	2735.8	2899.9	3050.5	3216.7	3377.2	3523.4	3652.1	3765.3	3863.1	3945.0	4014.6
-57.5°	2410.6	2541.8	2671.6	2803.4	2927.9	3044.4	3153.4	3249.6	3330.9	3397.6	3453.6
-60°	2109.6	2210.9	2322.0	2428.0	2525.6	2614.8	2703.4	2780.1	2845.8	2900.2	2944.2
-62.5°	1829.5	1918.6	2001.4	2081.8	2160.5	2238.0	2297.5	2351.7	2399.9	2441.4	2474.3
-65°	1560.0	1632.7	1697.2	1756.4	1810.7	1867.8	1914.7	1954.0	1985.6	2011.7	2032.7
-67.5°	1303.6	1360.5	1410.2	1452.6	1494.6	1533.9	1566.3	1592.7	1613.1	1630.4	1643.8
-70°	1076.1	1118.5	1154.2	1188.3	1223.0	1250.8	1271.9	1287.1	1296.8	1303.1	1307.6
-72.5°	874.0	913.6	945.9	976.1	1001.7	1020.2	1033.5	1043.6	1050.4	1043.6	1031.5
-75°	687.9	725.8	762.5	793.6	819.6	831.5	837.4	841.5	843.8	821.3	791.7
-77.5°	527.2	566.0	600.1	631.2	659.5	664.8	664.1	662.7	660.3	629.0	590.9
-80°	370.5	401.4	430.5	459.3	487.8	491.0	487.7	481.8	473.5	442.8	407.9
-82.5°	227.0	245.2	262.5	279.8	296.8	301.2	302.5	301.9	299.5	276.0	250.1
-85°	105.1	112.6	119.5	126.1	132.4	138.4	144.1	149.3	154.1	140.8	126.0
-87.5°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	23.1	21.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	20.3	18.8	18.9	18.9	18.9	18.8	20.3	21.7	23.1	24.3	24.0
85°	110.3	94.0	88.0	81.8	88.0	94.0	110.3	126.0	140.8	154.1	149.3
82.5°	222.8	194.5	185.5	176.2	185.5	194.5	222.8	250.1	276.0	299.5	301.9
80°	371.1	332.6	317.5	302.0	317.5	332.6	371.1	407.9	442.8	473.5	481.8
77.5°	550.7	508.5	490.4	471.9	490.4	508.5	550.7	590.9	629.0	660.3	662.7
75°	760.5	727.4	707.4	685.9	707.4	727.4	760.5	791.7	821.3	843.8	841.5
72.5°	1017.7	1001.5	986.9	969.1	986.9	1001.5	1017.7	1031.5	1043.6	1050.4	1043.6
70°	1309.1	1307.1	1309.7	1308.9	1309.7	1307.1	1309.1	1307.6	1303.1	1296.8	1287.1
67.5°	1650.7	1651.1	1658.1	1661.3	1658.1	1651.1	1650.7	1643.8	1630.4	1613.1	1592.7
65°	2045.7	2050.5	2048.7	2038.8	2048.7	2050.5	2045.7	2032.7	2011.7	1985.6	1954.0
62.5°	2497.8	2511.3	2518.8	2517.0	2518.8	2511.3	2497.8	2474.3	2441.4	2399.9	2351.7
60°	2977.0	2998.3	3009.0	3007.9	3009.0	2998.3	2977.0	2944.2	2900.2	2845.8	2780.1
57.5°	3495.3	3522.6	3529.0	3517.6	3529.0	3522.6	3495.3	3453.6	3397.6	3330.9	3249.6
55°	4067.1	4102.0	4115.5	4109.1	4115.5	4102.0	4067.1	4014.6	3945.0	3863.1	3765.3
52.5°	4671.7	4709.4	4722.8	4713.2	4722.8	4709.4	4671.7	4612.9	4532.8	4432.4	4315.2
50°	5299.6	5345.4	5363.8	5355.0	5363.8	5345.4	5299.6	5231.5	5138.6	5020.5	4884.2
47.5°	5966.2	6027.1	6050.7	6034.6	6050.7	6027.1	5966.2	5880.2	5770.6	5631.9	5461.9
45°	6667.5	6730.7	6755.1	6739.4	6755.1	6730.7	6667.5	6571.7	6443.4	6290.7	6116.2
42.5°	7381.5	7463.5	7498.2	7469.3	7498.2	7463.5	7381.5	7270.0	7124.3	6950.6	6751.6
40°	8108.0	8197.0	8238.1	8218.2	8238.1	8197.0	8108.0	7979.7	7807.9	7601.6	7377.3
37.5°	8853.2	8941.8	8985.3	8985.9	8985.3	8941.8	8853.2	8715.5	8524.7	8289.7	8036.5
35°	9601.1	9708.4	9769.1	9766.2	9769.1	9708.4	9601.1	9449.9	9254.7	9016.8	8718.4
32.5°	10359.6	10475.7	10537.7	10546.4	10537.7	10475.7	10359.6	10182.1	9957.7	9696.1	9389.2
30°	11116.7	11244.4	11316.2	11345.6	11316.2	11244.4	11116.7	10920.0	10668.2	10382.1	10052.1
27.5°	11850.9	12008.1	12116.5	12125.9	12116.5	12008.1	11850.9	11649.8	11384.4	11073.4	10713.1
25°	12562.0	12722.0	12833.2	12855.8	12833.2	12722.0	12562.0	12361.8	12089.0	11747.7	11363.0
22.5°	13262.9	13430.1	13532.8	13573.2	13532.8	13430.1	13262.9	13038.7	12736.8	12380.0	11972.2
20°	13931.9	14113.2	14222.1	14265.4	14222.1	14113.2	13931.9	13685.5	13352.8	12972.9	12541.4
17.5°	14537.2	14728.7	14863.1	14900.9	14863.1	14728.7	14537.2	14276.3	13927.9	13524.5	13059.0
15°	15069.9	15251.5	15379.1	15429.5	15379.1	15251.5	15069.9	14814.0	14460.6	14024.4	13507.5
12.5°	15503.5	15665.9	15765.9	15813.4	15765.9	15665.9	15503.5	15259.3	14934.5	14444.4	13901.6
10°	15842.2	16005.2	16100.6	16165.7	16100.6	16005.2	15842.2	15615.0	15252.3	14813.5	14280.0
7.5°	16136.2	16303.1	16420.0	16511.8	16420.0	16303.1	16136.2	15829.5	15505.9	15092.6	14554.0
5°	16298.5	16577.4	16619.3	16681.7	16619.3	16577.4	16298.5	16020.7	15667.8	15247.2	14721.5
2.5°	16422.3	16620.1	16738.9	16725.8	16738.9	16620.1	16422.3	16095.4	15757.6	15372.2	14863.1
0°	16511.8	16688.0	16732.1	16788.7	16732.1	16688.0	16511.8	16184.6	15832.2	15448.4	14919.8
-2.5°	16422.3	16620.1	16738.9	16725.8	16738.9	16620.1	16422.3	16095.4	15757.6	15372.2	14863.1
-5°	16298.5	16577.4	16619.3	16681.7	16619.3	16577.4	16298.5	16020.7	15667.8	15247.2	14721.5
-7.5°	16136.2	16303.1	16420.0	16511.8	16420.0	16303.1	16136.2	15829.5	15505.9	15092.6	14554.0
-10°	15842.2	16005.2	16100.6	16165.7	16100.6	16005.2	15842.2	15615.0	15252.3	14813.5	14280.0
-12.5°	15503.5	15665.9	15765.9	15813.4	15765.9	15665.9	15503.5	15259.3	14934.5	14444.4	13901.6
-15°	15069.9	15251.5	15379.1	15429.5	15379.1	15251.5	15069.9	14814.0	14460.6	14024.4	13507.5
-17.5°	14537.2	14728.7	14863.1	14900.9	14863.1	14728.7	14537.2	14276.3	13927.9	13524.5	13059.0
-20°	13931.9	14113.2	14222.1	14265.4	14222.1	14113.2	13931.9	13685.5	13352.8	12972.9	12541.4



REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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°	13262.9	13430.1	13532.8	13573.2	13532.8	13430.1	13262.9	13038.7	12736.8	12380.0	11972.2
-25°	12562.0	12722.0	12833.2	12855.8	12833.2	12722.0	12562.0	12361.8	12089.0	11747.7	11363.0
-27.5°	11850.9	12008.1	12116.5	12125.9	12116.5	12008.1	11850.9	11649.8	11384.4	11073.4	10713.1
-30°	11116.7	11244.4	11316.2	11345.6	11316.2	11244.4	11116.7	10920.0	10668.2	10382.1	10052.1
-32.5°	10359.6	10475.7	10537.7	10546.4	10537.7	10475.7	10359.6	10182.1	9957.7	9696.1	9389.2
-35°	9601.1	9708.4	9769.1	9766.2	9769.1	9708.4	9601.1	9449.9	9254.7	9016.8	8718.4
-37.5°	8853.2	8941.8	8985.3	8985.9	8985.3	8941.8	8853.2	8715.5	8524.7	8289.7	8036.5
-40°	8108.0	8197.0	8238.1	8218.2	8238.1	8197.0	8108.0	7979.7	7807.9	7601.6	7377.3
-42.5°	7381.5	7463.5	7498.2	7469.3	7498.2	7463.5	7381.5	7270.0	7124.3	6950.6	6751.6
-45°	6667.5	6730.7	6755.1	6739.4	6755.1	6730.7	6667.5	6571.7	6443.4	6290.7	6116.2
-47.5°	5966.2	6027.1	6050.7	6034.6	6050.7	6027.1	5966.2	5880.2	5770.6	5631.9	5461.9
-50°	5299.6	5345.4	5363.8	5355.0	5363.8	5345.4	5299.6	5231.5	5138.6	5020.5	4884.2
-52.5°	4671.7	4709.4	4722.8	4713.2	4722.8	4709.4	4671.7	4612.9	4532.8	4432.4	4315.2
-55°	4067.1	4102.0	4115.5	4109.1	4115.5	4102.0	4067.1	4014.6	3945.0	3863.1	3765.3
-57.5°	3495.3	3522.6	3529.0	3517.6	3529.0	3522.6	3495.3	3453.6	3397.6	3330.9	3249.6
-60°	2977.0	2998.3	3009.0	3007.9	3009.0	2998.3	2977.0	2944.2	2900.2	2845.8	2780.1
-62.5°	2497.8	2511.3	2518.8	2517.0	2518.8	2511.3	2497.8	2474.3	2441.4	2399.9	2351.7
-65°	2045.7	2050.5	2048.7	2038.8	2048.7	2050.5	2045.7	2032.7	2011.7	1985.6	1954.0
-67.5°	1650.7	1651.1	1658.1	1661.3	1658.1	1651.1	1650.7	1643.8	1630.4	1613.1	1592.7
-70°	1309.1	1307.1	1309.7	1308.9	1309.7	1307.1	1309.1	1307.6	1303.1	1296.8	1287.1
-72.5°	1017.7	1001.5	986.9	969.1	986.9	1001.5	1017.7	1031.5	1043.6	1050.4	1043.6
-75°	760.5	727.4	707.4	685.9	707.4	727.4	760.5	791.7	821.3	843.8	841.5
-77.5°	550.7	508.5	490.4	471.9	490.4	508.5	550.7	590.9	629.0	660.3	662.7
-80°	371.1	332.6	317.5	302.0	317.5	332.6	371.1	407.9	442.8	473.5	481.8
-82.5°	222.8	194.5	185.5	176.2	185.5	194.5	222.8	250.1	276.0	299.5	301.9
-85°	110.3	94.0	88.0	81.8	88.0	94.0	110.3	126.0	140.8	154.1	149.3
-87.5°	20.3	18.8	18.9	18.9	18.9	18.8	20.3	21.7	23.1	24.3	24.0
-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: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	17.8
85°	144.1	138.4	132.4	126.1	119.5	112.6	105.1	92.2	80.1	68.9	59.3
82.5°	302.5	301.2	296.8	279.8	262.5	245.2	227.0	199.8	173.2	147.3	124.7
80°	487.7	491.0	487.8	459.3	430.5	401.4	370.5	330.9	290.7	252.6	224.0
77.5°	664.1	664.8	659.5	631.2	600.1	566.0	527.2	479.5	431.7	383.4	346.6
75°	837.4	831.5	819.6	793.6	762.5	725.8	687.9	645.9	596.9	540.7	492.5
72.5°	1033.5	1020.2	1001.7	976.1	945.9	913.6	874.0	827.7	776.5	720.3	669.4
70°	1271.9	1250.8	1223.0	1188.3	1154.2	1118.5	1076.1	1025.2	965.5	903.5	846.7
67.5°	1566.3	1533.9	1494.6	1452.6	1410.2	1360.5	1303.6	1241.4	1179.8	1110.9	1033.2
65°	1914.7	1867.8	1810.7	1756.4	1697.2	1632.7	1560.0	1487.8	1412.4	1329.7	1231.0
62.5°	2297.5	2238.0	2160.5	2081.8	2001.4	1918.6	1829.5	1740.8	1650.8	1553.4	1442.3
60°	2703.4	2614.8	2525.6	2428.0	2322.0	2210.9	2109.6	2001.8	1888.0	1777.6	1655.8
57.5°	3153.4	3044.4	2927.9	2803.4	2671.6	2541.8	2410.6	2275.1	2146.3	2011.9	1874.0
55°	3652.1	3523.4	3377.2	3216.7	3050.5	2899.9	2735.8	2571.4	2416.4	2253.2	2101.3
52.5°	4183.5	4029.3	3859.8	3677.4	3488.4	3292.7	3093.3	2904.5	2702.6	2518.0	2334.4
50°	4731.4	4554.7	4359.3	4149.8	3939.5	3712.6	3484.5	3257.6	3028.8	2802.4	2582.4
47.5°	5287.7	5096.5	4879.3	4647.5	4406.7	4153.3	3893.7	3620.8	3367.7	3105.0	2855.1
45°	5899.2	5663.3	5419.9	5164.6	4889.3	4609.8	4318.5	4019.7	3715.3	3426.4	3133.4
42.5°	6514.4	6249.0	5967.4	5686.8	5386.5	5073.5	4748.6	4419.3	4084.7	3751.6	3431.3
40°	7127.1	6840.0	6533.0	6212.1	5884.7	5540.0	5184.2	4817.9	4454.6	4088.3	3726.0
37.5°	7753.9	7443.6	7111.1	6757.8	6391.0	6009.0	5617.7	5221.2	4820.5	4426.2	4033.3
35°	8396.7	8057.1	7690.1	7304.2	6900.5	6482.4	6053.0	5618.8	5187.8	4761.4	4335.6
32.5°	9033.8	8665.8	8270.1	7847.7	7403.4	6948.3	6486.7	6017.8	5546.0	5090.7	4637.2
30°	9676.3	9268.8	8840.1	8383.8	7901.9	7406.4	6906.4	6409.6	5906.8	5405.8	4926.1
27.5°	10305.7	9861.0	9395.1	8901.8	8387.0	7855.3	7318.1	6787.9	6251.7	5719.0	5201.8
25°	10918.2	10438.1	9924.2	9397.2	8851.5	8284.7	7707.3	7146.4	6586.4	6016.4	5449.2
22.5°	11507.8	10982.2	10428.3	9864.6	9290.4	8695.0	8079.2	7474.6	6895.1	6283.0	5690.3
20°	12051.5	11487.1	10895.7	10301.9	9694.7	9085.5	8425.6	7782.6	7159.2	6530.8	5908.9
17.5°	12533.8	11960.5	11340.0	10714.3	10067.8	9426.3	8749.4	8062.8	7402.3	6750.8	6101.3
15°	12959.0	12386.1	11757.9	11097.9	10407.7	9707.1	9023.6	8310.4	7623.8	6945.4	6279.2
12.5°	13345.1	12745.4	12118.0	11420.0	10687.3	9956.4	9245.5	8527.4	7820.8	7123.5	6439.2
10°	13691.6	13039.7	12375.8	11668.5	10921.3	10166.7	9434.7	8709.8	7988.4	7275.9	6571.1
7.5°	13929.1	13258.0	12572.0	11867.2	11118.7	10352.3	9598.3	8856.4	8119.1	7397.3	6674.1
5°	14104.5	13430.3	12742.1	12027.4	11272.0	10490.9	9718.9	8962.6	8212.2	7486.1	6747.4
2.5°	14239.2	13548.1	12858.2	12127.5	11371.1	10584.4	9805.2	9042.5	8286.1	7551.2	6812.2
0°	14334.6	13592.1	12925.0	12207.7	11433.7	10640.8	9860.5	9092.8	8331.4	7582.6	6846.4
-2.5°	14239.2	13548.1	12858.2	12127.5	11371.1	10584.4	9805.2	9042.5	8286.1	7551.2	6812.2
-5°	14104.5	13430.3	12742.1	12027.4	11272.0	10490.9	9718.9	8962.6	8212.2	7486.1	6747.4
-7.5°	13929.1	13258.0	12572.0	11867.2	11118.7	10352.3	9598.3	8856.4	8119.1	7397.3	6674.1
-10°	13691.6	13039.7	12375.8	11668.5	10921.3	10166.7	9434.7	8709.8	7988.4	7275.9	6571.1
-12.5°	13345.1	12745.4	12118.0	11420.0	10687.3	9956.4	9245.5	8527.4	7820.8	7123.5	6439.2
-15°	12959.0	12386.1	11757.9	11097.9	10407.7	9707.1	9023.6	8310.4	7623.8	6945.4	6279.2
-17.5°	12533.8	11960.5	11340.0	10714.3	10067.8	9426.3	8749.4	8062.8	7402.3	6750.8	6101.3
-20°	12051.5	11487.1	10895.7	10301.9	9694.7	9085.5	8425.6	7782.6	7159.2	6530.8	5908.9



REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11507.8	10982.2	10428.3	9864.6	9290.4	8695.0	8079.2	7474.6	6895.1	6283.0	5690.3
-25°	10918.2	10438.1	9924.2	9397.2	8851.5	8284.7	7707.3	7146.4	6586.4	6016.4	5449.2
-27.5°	10305.7	9861.0	9395.1	8901.8	8387.0	7855.3	7318.1	6787.9	6251.7	5719.0	5201.8
-30°	9676.3	9268.8	8840.1	8383.8	7901.9	7406.4	6906.4	6409.6	5906.8	5405.8	4926.1
-32.5°	9033.8	8665.8	8270.1	7847.7	7403.4	6948.3	6486.7	6017.8	5546.0	5090.7	4637.2
-35°	8396.7	8057.1	7690.1	7304.2	6900.5	6482.4	6053.0	5618.8	5187.8	4761.4	4335.6
-37.5°	7753.9	7443.6	7111.1	6757.8	6391.0	6009.0	5617.7	5221.2	4820.5	4426.2	4033.3
-40°	7127.1	6840.0	6533.0	6212.1	5884.7	5540.0	5184.2	4817.9	4454.6	4088.3	3726.0
-42.5°	6514.4	6249.0	5967.4	5686.8	5386.5	5073.5	4748.6	4419.3	4084.7	3751.6	3431.3
-45°	5899.2	5663.3	5419.9	5164.6	4889.3	4609.8	4318.5	4019.7	3715.3	3426.4	3133.4
-47.5°	5287.7	5096.5	4879.3	4647.5	4406.7	4153.3	3893.7	3620.8	3367.7	3105.0	2855.1
-50°	4731.4	4554.7	4359.3	4149.8	3939.5	3712.6	3484.5	3257.6	3028.8	2802.4	2582.4
-52.5°	4183.5	4029.3	3859.8	3677.4	3488.4	3292.7	3093.3	2904.5	2702.6	2518.0	2334.4
-55°	3652.1	3523.4	3377.2	3216.7	3050.5	2899.9	2735.8	2571.4	2416.4	2253.2	2101.3
-57.5°	3153.4	3044.4	2927.9	2803.4	2671.6	2541.8	2410.6	2275.1	2146.3	2011.9	1874.0
-60°	2703.4	2614.8	2525.6	2428.0	2322.0	2210.9	2109.6	2001.8	1888.0	1777.6	1655.8
-62.5°	2297.5	2238.0	2160.5	2081.8	2001.4	1918.6	1829.5	1740.8	1650.8	1553.4	1442.3
-65°	1914.7	1867.8	1810.7	1756.4	1697.2	1632.7	1560.0	1487.8	1412.4	1329.7	1231.0
-67.5°	1566.3	1533.9	1494.6	1452.6	1410.2	1360.5	1303.6	1241.4	1179.8	1110.9	1033.2
-70°	1271.9	1250.8	1223.0	1188.3	1154.2	1118.5	1076.1	1025.2	965.5	903.5	846.7
-72.5°	1033.5	1020.2	1001.7	976.1	945.9	913.6	874.0	827.7	776.5	720.3	669.4
-75°	837.4	831.5	819.6	793.6	762.5	725.8	687.9	645.9	596.9	540.7	492.5
-77.5°	664.1	664.8	659.5	631.2	600.1	566.0	527.2	479.5	431.7	383.4	346.6
-80°	487.7	491.0	487.8	459.3	430.5	401.4	370.5	330.9	290.7	252.6	224.0
-82.5°	302.5	301.2	296.8	279.8	262.5	245.2	227.0	199.8	173.2	147.3	124.7
-85°	144.1	138.4	132.4	126.1	119.5	112.6	105.1	92.2	80.1	68.9	59.3
-87.5°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	17.8
-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: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-750-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°	18.1	18.2	18.2	18.1	16.1	14.2	12.4	10.6	9.6	8.6	7.6
85°	59.5	58.1	55.0	49.8	39.2	28.3	24.6	21.3	19.3	17.2	15.1
82.5°	124.3	125.5	125.4	121.7	107.4	92.3	76.6	60.2	44.6	28.4	22.7
80°	224.4	221.9	216.6	206.4	182.9	156.3	136.3	115.6	95.4	74.2	52.2
77.5°	339.2	329.5	317.7	304.2	279.3	250.0	216.3	178.1	145.8	119.8	92.7
75°	467.6	452.1	435.5	413.1	381.1	344.4	307.4	262.9	213.4	166.8	133.0
72.5°	628.5	591.2	557.8	526.4	491.6	450.7	403.5	346.2	286.1	229.4	176.2
70°	791.6	735.5	685.6	642.8	600.9	558.0	506.2	435.5	357.4	290.6	228.0
67.5°	957.2	890.9	824.0	759.9	707.1	656.6	606.6	524.4	434.9	350.6	278.7
65°	1139.9	1051.5	966.6	887.3	815.6	752.5	693.8	607.6	510.1	415.3	327.9
62.5°	1328.1	1215.3	1114.7	1013.8	924.4	847.7	777.1	682.1	582.0	477.8	379.4
60°	1526.0	1397.6	1263.8	1145.9	1036.4	939.3	853.9	755.5	649.2	538.0	430.5
57.5°	1734.4	1583.4	1433.1	1284.1	1152.6	1036.1	928.6	825.1	715.3	597.4	478.1
55°	1945.4	1782.8	1605.1	1437.1	1275.8	1137.2	1007.6	891.8	779.1	655.8	519.2
52.5°	2156.8	1978.2	1787.4	1593.4	1412.8	1239.4	1094.6	956.9	837.9	712.8	562.0
50°	2377.9	2173.1	1968.7	1759.1	1549.1	1359.1	1178.5	1031.5	894.9	766.9	602.6
47.5°	2608.0	2379.8	2152.3	1923.3	1698.1	1473.6	1276.6	1104.5	950.1	816.0	640.3
45°	2860.2	2593.4	2341.6	2093.9	1839.2	1597.3	1375.8	1174.5	1012.5	854.1	675.2
42.5°	3112.2	2818.8	2537.4	2261.9	1987.0	1720.2	1469.9	1256.8	1072.3	890.7	707.2
40°	3380.3	3045.0	2733.1	2434.1	2131.2	1837.2	1574.1	1337.0	1128.2	928.6	737.5
37.5°	3641.0	3276.8	2934.0	2598.6	2272.6	1963.5	1674.2	1412.2	1181.4	971.2	766.2
35°	3916.9	3509.8	3119.9	2764.1	2418.0	2083.2	1768.0	1488.0	1242.5	1012.8	793.3
32.5°	4183.4	3737.6	3319.4	2927.4	2557.0	2196.1	1864.6	1568.3	1301.3	1053.1	818.6
30°	4445.4	3966.2	3510.6	3081.8	2691.6	2314.5	1961.3	1643.3	1357.5	1092.0	844.0
27.5°	4686.9	4177.9	3693.8	3241.4	2823.9	2426.8	2052.7	1713.0	1410.9	1132.0	873.4
25°	4911.9	4381.6	3874.5	3394.9	2946.6	2533.2	2136.8	1777.4	1465.2	1173.7	900.8
22.5°	5122.9	4570.8	4038.2	3536.4	3060.3	2630.9	2218.9	1845.9	1516.5	1212.2	925.8
20°	5314.8	4741.1	4184.9	3664.6	3171.0	2724.0	2297.8	1907.4	1562.5	1247.0	948.4
17.5°	5487.6	4896.8	4324.8	3784.5	3274.0	2806.8	2368.0	1961.6	1602.8	1278.1	968.2
15°	5648.0	5038.3	4448.5	3889.1	3363.2	2878.8	2429.0	2008.4	1637.3	1305.1	987.1
12.5°	5785.9	5159.7	4553.4	3978.0	3438.3	2939.7	2480.6	2047.5	1666.0	1329.5	1004.9
10°	5899.4	5260.1	4639.1	4050.7	3499.0	2989.4	2522.6	2080.5	1692.9	1350.6	1018.6
7.5°	5987.8	5338.6	4705.2	4106.7	3547.2	3030.9	2558.3	2109.0	1714.6	1366.9	1028.2
5°	6054.8	5400.0	4762.7	4153.7	3591.5	3064.4	2584.3	2129.4	1730.3	1378.0	1033.6
2.5°	6114.3	5446.0	4807.8	4184.2	3621.6	3086.2	2599.9	2141.7	1739.9	1383.9	1034.9
0°	6147.9	5468.3	4832.7	4197.2	3637.1	3096.0	2605.1	2145.8	1743.1	1384.4	1032.0
-2.5°	6114.3	5446.0	4807.8	4184.2	3621.6	3086.2	2599.9	2141.7	1739.9	1383.9	1034.9
-5°	6054.8	5400.0	4762.7	4153.7	3591.5	3064.4	2584.3	2129.4	1730.3	1378.0	1033.6
-7.5°	5987.8	5338.6	4705.2	4106.7	3547.2	3030.9	2558.3	2109.0	1714.6	1366.9	1028.2
-10°	5899.4	5260.1	4639.1	4050.7	3499.0	2989.4	2522.6	2080.5	1692.9	1350.6	1018.6
-12.5°	5785.9	5159.7	4553.4	3978.0	3438.3	2939.7	2480.6	2047.5	1666.0	1329.5	1004.9
-15°	5648.0	5038.3	4448.5	3889.1	3363.2	2878.8	2429.0	2008.4	1637.3	1305.1	987.1
-17.5°	5487.6	4896.8	4324.8	3784.5	3274.0	2806.8	2368.0	1961.6	1602.8	1278.1	968.2
-20°	5314.8	4741.1	4184.9	3664.6	3171.0	2724.0	2297.8	1907.4	1562.5	1247.0	948.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5122.9	4570.8	4038.2	3536.4	3060.3	2630.9	2218.9	1845.9	1516.5	1212.2	925.8
-25°	4911.9	4381.6	3874.5	3394.9	2946.6	2533.2	2136.8	1777.4	1465.2	1173.7	900.8
-27.5°	4686.9	4177.9	3693.8	3241.4	2823.9	2426.8	2052.7	1713.0	1410.9	1132.0	873.4
-30°	4445.4	3966.2	3510.6	3081.8	2691.6	2314.5	1961.3	1643.3	1357.5	1092.0	844.0
-32.5°	4183.4	3737.6	3319.4	2927.4	2557.0	2196.1	1864.6	1568.3	1301.3	1053.1	818.6
-35°	3916.9	3509.8	3119.9	2764.1	2418.0	2083.2	1768.0	1488.0	1242.5	1012.8	793.3
-37.5°	3641.0	3276.8	2934.0	2598.6	2272.6	1963.5	1674.2	1412.2	1181.4	971.2	766.2
-40°	3380.3	3045.0	2733.1	2434.1	2131.2	1837.2	1574.1	1337.0	1128.2	928.6	737.5
-42.5°	3112.2	2818.8	2537.4	2261.9	1987.0	1720.2	1469.9	1256.8	1072.3	890.7	707.2
-45°	2860.2	2593.4	2341.6	2093.9	1839.2	1597.3	1375.8	1174.5	1012.5	854.1	675.2
-47.5°	2608.0	2379.8	2152.3	1923.3	1698.1	1473.6	1276.6	1104.5	950.1	816.0	640.3
-50°	2377.9	2173.1	1968.7	1759.1	1549.1	1359.1	1178.5	1031.5	894.9	766.9	602.6
-52.5°	2156.8	1978.2	1787.4	1593.4	1412.8	1239.4	1094.6	956.9	837.9	712.8	562.0
-55°	1945.4	1782.8	1605.1	1437.1	1275.8	1137.2	1007.6	891.8	779.1	655.8	519.2
-57.5°	1734.4	1583.4	1433.1	1284.1	1152.6	1036.1	928.6	825.1	715.3	597.4	478.1
-60°	1526.0	1397.6	1263.8	1145.9	1036.4	939.3	853.9	755.5	649.2	538.0	430.5
-62.5°	1328.1	1215.3	1114.7	1013.8	924.4	847.7	777.1	682.1	582.0	477.8	379.4
-65°	1139.9	1051.5	966.6	887.3	815.6	752.5	693.8	607.6	510.1	415.3	327.9
-67.5°	957.2	890.9	824.0	759.9	707.1	656.6	606.6	524.4	434.9	350.6	278.7
-70°	791.6	735.5	685.6	642.8	600.9	558.0	506.2	435.5	357.4	290.6	228.0
-72.5°	628.5	591.2	557.8	526.4	491.6	450.7	403.5	346.2	286.1	229.4	176.2
-75°	467.6	452.1	435.5	413.1	381.1	344.4	307.4	262.9	213.4	166.8	133.0
-77.5°	339.2	329.5	317.7	304.2	279.3	250.0	216.3	178.1	145.8	119.8	92.7
-80°	224.4	221.9	216.6	206.4	182.9	156.3	136.3	115.6	95.4	74.2	52.2
-82.5°	124.3	125.5	125.4	121.7	107.4	92.3	76.6	60.2	44.6	28.4	22.7
-85°	59.5	58.1	55.0	49.8	39.2	28.3	24.6	21.3	19.3	17.2	15.1
-87.5°	18.1	18.2	18.2	18.1	16.1	14.2	12.4	10.6	9.6	8.6	7.6
-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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REPORT NUMBER: P627841 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	6.5	5.5	4.4	3.3	2.2	1.0	0.0
85°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
82.5°	19.5	16.3	13.1	9.8	6.6	2.9	0.0
80°	29.4	21.7	17.4	13.1	8.7	3.8	0.0
77.5°	63.9	34.0	21.7	16.3	10.8	4.8	0.0
75°	97.6	58.8	28.3	19.5	12.9	5.7	0.0
72.5°	130.3	82.9	45.1	22.7	15.0	6.6	0.0
70°	162.9	106.2	61.3	27.2	17.0	7.5	0.0
67.5°	202.2	128.5	76.9	37.2	18.9	8.3	0.0
65°	239.7	153.4	91.8	46.8	20.8	9.2	0.0
62.5°	275.3	180.7	105.9	56.0	22.6	10.0	0.0
60°	308.8	206.6	119.2	64.7	24.3	10.8	0.0
57.5°	344.1	230.9	136.9	72.9	29.2	11.6	0.0
55°	377.6	253.5	153.7	80.6	34.0	12.3	0.0
52.5°	408.6	274.9	169.4	87.6	38.6	13.0	0.0
50°	437.0	297.7	183.8	94.1	43.0	13.7	0.0
47.5°	463.6	318.5	197.0	100.8	47.2	14.3	0.0
45°	493.2	337.2	208.8	109.5	51.2	14.9	0.0
42.5°	520.3	353.9	219.3	117.4	55.0	15.5	0.0
40°	544.9	368.5	229.9	125.5	58.5	16.0	0.0
37.5°	566.9	380.9	240.3	133.5	61.8	16.5	0.0
35°	586.4	395.3	249.3	141.0	64.9	17.0	0.0
32.5°	604.4	409.7	256.7	147.9	67.8	17.4	0.0
30°	623.1	421.9	262.8	154.2	70.4	17.7	0.0
27.5°	639.9	432.1	271.7	159.9	72.7	18.1	0.0
25°	654.6	440.2	280.2	165.0	74.8	18.3	0.0
22.5°	667.3	448.3	287.6	169.5	76.7	18.6	0.0
20°	677.7	459.4	294.0	173.3	78.3	18.8	0.0
17.5°	690.8	468.5	299.4	176.6	79.6	18.9	0.0
15°	704.4	475.6	303.7	179.3	80.7	19.0	0.0
12.5°	715.4	480.7	307.0	181.3	81.5	19.1	0.0
10°	723.8	483.9	309.3	182.8	82.0	19.2	0.0
7.5°	729.6	485.2	310.5	183.6	82.4	19.1	0.0
5°	732.5	484.6	310.8	183.8	82.4	19.1	0.0
2.5°	732.7	482.3	310.0	183.5	82.2	19.0	0.0
0°	729.9	478.2	308.3	182.5	81.8	18.9	0.0
-2.5°	732.7	482.3	310.0	183.5	82.2	19.0	0.0
-5°	732.5	484.6	310.8	183.8	82.4	19.1	0.0
-7.5°	729.6	485.2	310.5	183.6	82.4	19.1	0.0
-10°	723.8	483.9	309.3	182.8	82.0	19.2	0.0
-12.5°	715.4	480.7	307.0	181.3	81.5	19.1	0.0
-15°	704.4	475.6	303.7	179.3	80.7	19.0	0.0
-17.5°	690.8	468.5	299.4	176.6	79.6	18.9	0.0
-20°	677.7	459.4	294.0	173.3	78.3	18.8	0.0

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CATALOG NUMBER: GFLD-SA6B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	667.3	448.3	287.6	169.5	76.7	18.6	0.0
-25°	654.6	440.2	280.2	165.0	74.8	18.3	0.0
-27.5°	639.9	432.1	271.7	159.9	72.7	18.1	0.0
-30°	623.1	421.9	262.8	154.2	70.4	17.7	0.0
-32.5°	604.4	409.7	256.7	147.9	67.8	17.4	0.0
-35°	586.4	395.3	249.3	141.0	64.9	17.0	0.0
-37.5°	566.9	380.9	240.3	133.5	61.8	16.5	0.0
-40°	544.9	368.5	229.9	125.5	58.5	16.0	0.0
-42.5°	520.3	353.9	219.3	117.4	55.0	15.5	0.0
-45°	493.2	337.2	208.8	109.5	51.2	14.9	0.0
-47.5°	463.6	318.5	197.0	100.8	47.2	14.3	0.0
-50°	437.0	297.7	183.8	94.1	43.0	13.7	0.0
-52.5°	408.6	274.9	169.4	87.6	38.6	13.0	0.0
-55°	377.6	253.5	153.7	80.6	34.0	12.3	0.0
-57.5°	344.1	230.9	136.9	72.9	29.2	11.6	0.0
-60°	308.8	206.6	119.2	64.7	24.3	10.8	0.0
-62.5°	275.3	180.7	105.9	56.0	22.6	10.0	0.0
-65°	239.7	153.4	91.8	46.8	20.8	9.2	0.0
-67.5°	202.2	128.5	76.9	37.2	18.9	8.3	0.0
-70°	162.9	106.2	61.3	27.2	17.0	7.5	0.0
-72.5°	130.3	82.9	45.1	22.7	15.0	6.6	0.0
-75°	97.6	58.8	28.3	19.5	12.9	5.7	0.0
-77.5°	63.9	34.0	21.7	16.3	10.8	4.8	0.0
-80°	29.4	21.7	17.4	13.1	8.7	3.8	0.0
-82.5°	19.5	16.3	13.1	9.8	6.6	2.9	0.0
-85°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
-87.5°	6.5	5.5	4.4	3.3	2.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)