

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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-735-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N121
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

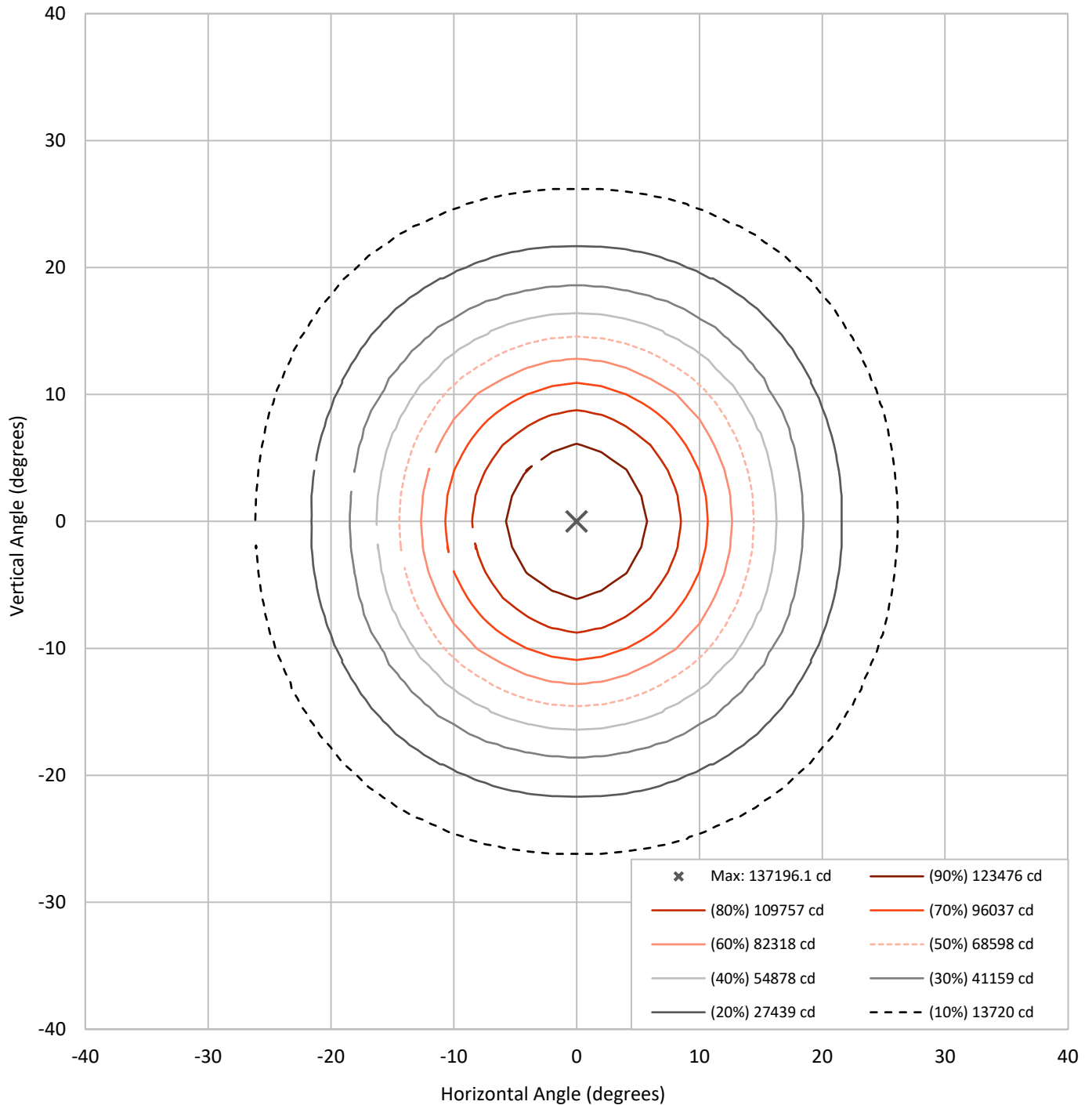
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	42864.8 lumens	Max Intensity:	137196.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	20840.3 lumens	Field Lumens:	35169.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	313.7		
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		



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

Iso-Candela Plot





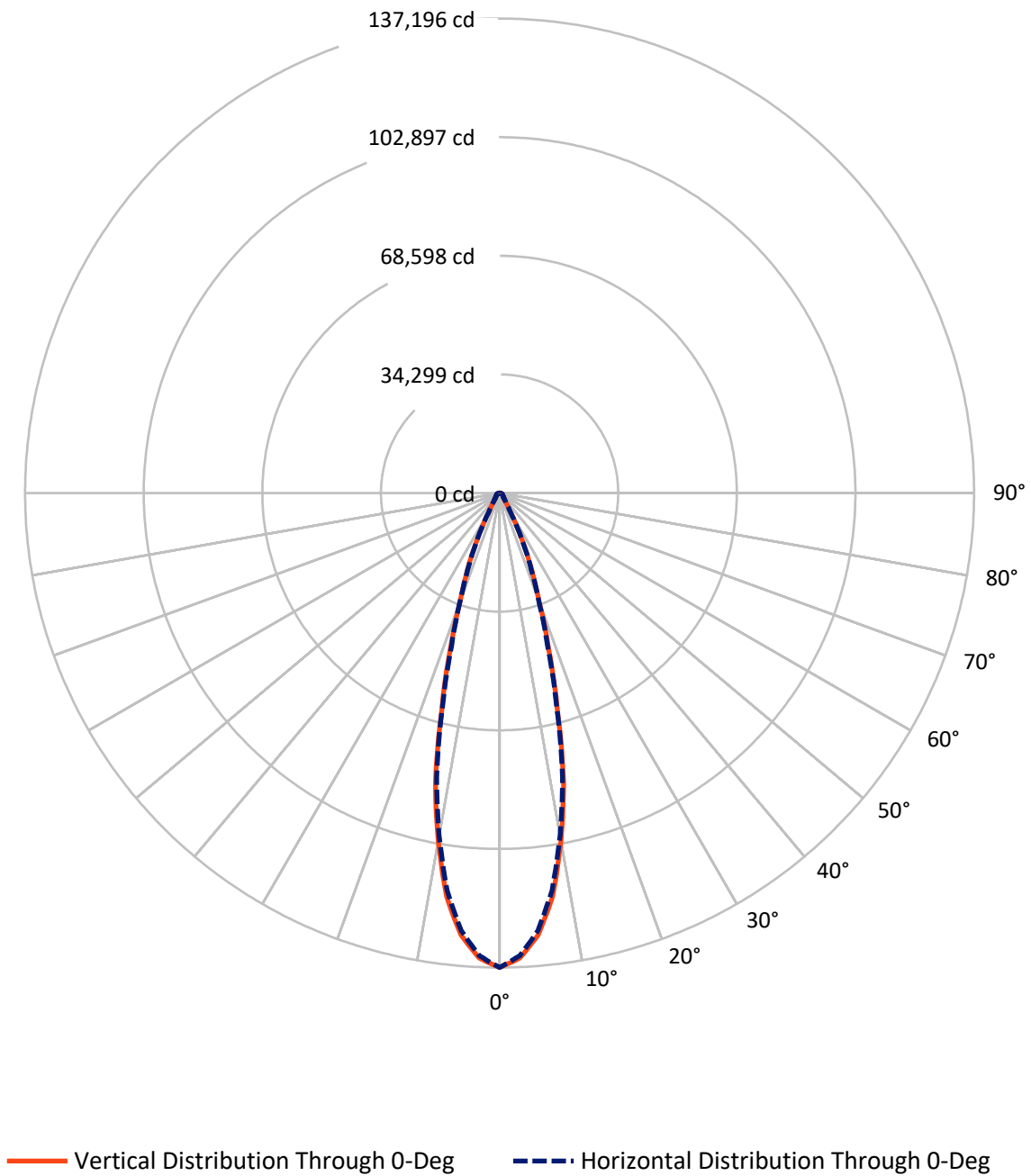
REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

Lumen Table

90																			
80	0.8	7.1		18.6		29.4		32.7		29.4		18.6		7.1		0.8			
70																			
60	3.2	3.7	7.4	12.1	16.9	20.7	23.2	24.4	24.4	23.2	20.7	16.9	12.1	7.4	3.7	3.2			
50		5.5	11.1	17.9	24.0	29.5	33.1	34.3	34.3	33.1	29.5	24.0	17.9	11.1	5.5				
40	5.7	7.0	14.2	22.1	29.4	37.1	43.6	46.9	46.9	43.6	37.1	29.4	22.1	14.2	7.0	5.7			
30		8.3	16.7	25.5	36.0	51.3	74.3	96.5	96.5	74.3	51.3	36.0	25.5	16.7	8.3				
20	7.2	9.3	18.2	28.7	46.1	100.2	282.2	500.4	500.4	282.2	100.2	46.1	28.7	18.2	9.3	7.2			
10		10.0	19.1	31.2	62.8	263.1	937.7	1796.8	1796.8	937.7	263.1	62.8	31.2	19.1	10.0				
0	7.8	10.3	19.5	32.8	79.8	454.1	1735.5	3413.8	3413.8	1735.5	454.1	79.8	32.8	19.5	10.3	7.8			
-10		10.3	19.5	32.8	79.8	454.1	1735.5	3413.8	3413.8	1735.5	454.1	79.8	32.8	19.5	10.3				
-20	7.2	10.0	19.1	31.2	62.8	263.1	937.7	1796.8	1796.8	937.7	263.1	62.8	31.2	19.1	10.0	7.2			
-30		9.3	18.2	28.7	46.1	100.2	282.2	500.4	500.4	282.2	100.2	46.1	28.7	18.2	9.3				
-40	5.7	8.3	16.7	25.5	36.0	51.3	74.3	96.5	96.5	74.3	51.3	36.0	25.5	16.7	8.3	5.7			
-50		7.0	14.2	22.1	29.4	37.1	43.6	46.9	46.9	43.6	37.1	29.4	22.1	14.2	7.0				
-60	3.2	5.5	11.1	17.9	24.0	29.5	33.1	34.3	34.3	33.1	29.5	24.0	17.9	11.1	5.5	3.2			
-70		3.7	7.4	12.1	16.9	20.7	23.2	24.4	24.4	23.2	20.7	16.9	12.1	7.4	3.7				
-80																			
-90	0.8	7.1		18.6		29.4		32.7		29.4		18.6		7.1		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

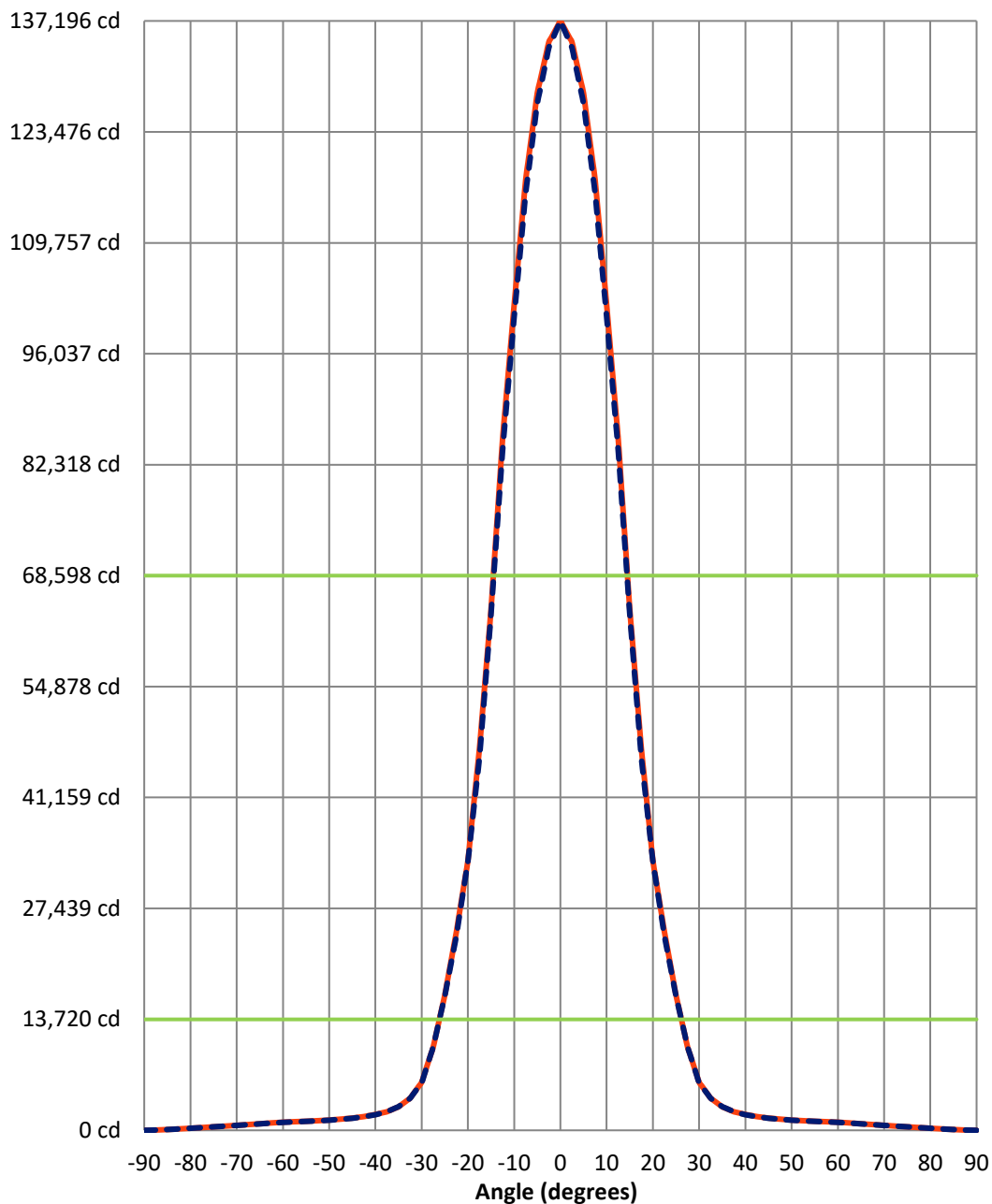
REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 20840.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 35169.9
 Efficiency: 82.0%

Spill:
 Lumens: 7694.9
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

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	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
85°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	21.1	24.1	26.9	29.7
82.5°	0.0	4.6	9.2	13.7	18.3	22.8	27.3	31.7	36.7	45.1	53.8
80°	0.0	6.1	12.2	18.3	24.3	30.3	37.1	47.8	59.0	70.9	83.2
77.5°	0.0	7.6	15.2	22.8	30.3	39.8	52.8	66.5	81.1	96.3	113.1
75°	0.0	9.1	18.2	27.3	37.1	52.8	68.3	85.0	103.2	124.6	145.6
72.5°	0.0	10.6	21.1	31.7	47.4	65.6	83.7	104.4	129.2	153.6	177.7
70°	0.0	12.0	24.1	36.6	57.5	78.3	99.4	126.8	154.7	182.3	212.3
67.5°	0.0	13.5	26.9	44.2	67.5	90.8	118.6	148.9	180.0	213.8	247.1
65°	0.0	14.9	29.7	51.5	77.4	104.8	137.4	170.6	207.5	244.7	282.1
62.5°	0.0	16.2	32.5	58.8	87.0	120.2	155.9	193.6	234.6	275.3	318.2
60°	0.0	17.6	35.2	65.9	96.4	135.3	174.1	216.8	261.0	306.4	353.3
57.5°	0.0	18.9	39.7	72.8	108.1	150.1	193.1	239.4	287.2	336.5	387.9
55°	0.0	20.2	44.2	79.5	119.6	164.4	211.7	261.4	312.6	365.8	421.9
52.5°	0.0	21.4	48.6	86.0	130.7	178.5	229.6	282.7	337.1	395.5	454.9
50°	0.0	22.6	52.8	92.3	141.5	192.7	246.8	303.3	361.1	424.3	485.4
47.5°	0.0	23.8	56.8	98.8	151.9	206.3	263.3	323.2	385.6	451.9	514.3
45°	0.0	24.9	60.7	106.3	161.9	219.2	279.7	342.3	409.4	476.4	541.7
42.5°	0.0	25.9	64.4	113.4	171.5	231.5	295.3	361.3	431.9	499.4	566.8
40°	0.0	27.0	68.0	120.2	180.8	243.2	310.2	379.8	452.5	521.1	590.6
37.5°	0.0	27.9	71.4	126.5	189.5	254.1	324.3	397.2	470.9	541.8	613.1
35°	0.0	28.8	74.5	132.4	197.8	264.9	337.6	413.3	488.2	561.4	634.2
32.5°	0.0	29.7	77.5	137.8	205.5	275.2	350.2	428.3	504.4	579.7	654.7
30°	0.0	30.5	80.3	142.8	212.6	284.9	362.2	441.8	519.4	596.7	673.7
27.5°	0.0	31.2	82.9	147.4	219.0	293.8	373.0	453.8	533.2	612.4	691.2
25°	0.0	31.9	85.3	151.4	224.9	302.0	382.9	464.8	545.8	626.7	707.3
22.5°	0.0	32.5	87.5	155.1	230.4	309.3	391.6	474.6	557.2	639.5	723.4
20°	0.0	33.1	89.4	158.2	235.4	315.7	399.3	483.4	567.2	650.9	737.7
17.5°	0.0	33.6	91.2	160.9	239.9	321.2	406.3	490.9	575.9	660.8	750.2
15°	0.0	34.0	92.7	163.1	243.9	325.7	412.7	497.9	583.3	669.3	760.8
12.5°	0.0	34.4	94.0	164.9	247.3	329.4	418.3	504.5	590.2	676.1	769.5
10°	0.0	34.7	95.0	166.3	250.2	332.1	422.9	509.9	596.5	684.3	777.5
7.5°	0.0	34.9	95.8	167.2	252.4	334.0	426.6	514.2	601.3	691.6	786.4
5°	0.0	35.1	96.4	167.6	254.1	335.0	429.3	517.2	604.8	697.5	793.4
2.5°	0.0	35.2	96.8	167.7	255.1	335.2	430.9	519.0	606.9	701.8	798.4
0°	0.0	35.2	96.9	167.3	255.4	334.6	431.5	519.6	607.6	704.5	801.4
-2.5°	0.0	35.2	96.8	167.7	255.1	335.2	430.9	519.0	606.9	701.8	798.4
-5°	0.0	35.1	96.4	167.6	254.1	335.0	429.3	517.2	604.8	697.5	793.4
-7.5°	0.0	34.9	95.8	167.2	252.4	334.0	426.6	514.2	601.3	691.6	786.4
-10°	0.0	34.7	95.0	166.3	250.2	332.1	422.9	509.9	596.5	684.3	777.5
-12.5°	0.0	34.4	94.0	164.9	247.3	329.4	418.3	504.5	590.2	676.1	769.5
-15°	0.0	34.0	92.7	163.1	243.9	325.7	412.7	497.9	583.3	669.3	760.8
-17.5°	0.0	33.6	91.2	160.9	239.9	321.2	406.3	490.9	575.9	660.8	750.2
-20°	0.0	33.1	89.4	158.2	235.4	315.7	399.3	483.4	567.2	650.9	737.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	32.5	87.5	155.1	230.4	309.3	391.6	474.6	557.2	639.5	723.4
-25°	0.0	31.9	85.3	151.4	224.9	302.0	382.9	464.8	545.8	626.7	707.3
-27.5°	0.0	31.2	82.9	147.4	219.0	293.8	373.0	453.8	533.2	612.4	691.2
-30°	0.0	30.5	80.3	142.8	212.6	284.9	362.2	441.8	519.4	596.7	673.7
-32.5°	0.0	29.7	77.5	137.8	205.5	275.2	350.2	428.3	504.4	579.7	654.7
-35°	0.0	28.8	74.5	132.4	197.8	264.9	337.6	413.3	488.2	561.4	634.2
-37.5°	0.0	27.9	71.4	126.5	189.5	254.1	324.3	397.2	470.9	541.8	613.1
-40°	0.0	27.0	68.0	120.2	180.8	243.2	310.2	379.8	452.5	521.1	590.6
-42.5°	0.0	25.9	64.4	113.4	171.5	231.5	295.3	361.3	431.9	499.4	566.8
-45°	0.0	24.9	60.7	106.3	161.9	219.2	279.7	342.3	409.4	476.4	541.7
-47.5°	0.0	23.8	56.8	98.8	151.9	206.3	263.3	323.2	385.6	451.9	514.3
-50°	0.0	22.6	52.8	92.3	141.5	192.7	246.8	303.3	361.1	424.3	485.4
-52.5°	0.0	21.4	48.6	86.0	130.7	178.5	229.6	282.7	337.1	395.5	454.9
-55°	0.0	20.2	44.2	79.5	119.6	164.4	211.7	261.4	312.6	365.8	421.9
-57.5°	0.0	18.9	39.7	72.8	108.1	150.1	193.1	239.4	287.2	336.5	387.9
-60°	0.0	17.6	35.2	65.9	96.4	135.3	174.1	216.8	261.0	306.4	353.3
-62.5°	0.0	16.2	32.5	58.8	87.0	120.2	155.9	193.6	234.6	275.3	318.2
-65°	0.0	14.9	29.7	51.5	77.4	104.8	137.4	170.6	207.5	244.7	282.1
-67.5°	0.0	13.5	26.9	44.2	67.5	90.8	118.6	148.9	180.0	213.8	247.1
-70°	0.0	12.0	24.1	36.6	57.5	78.3	99.4	126.8	154.7	182.3	212.3
-72.5°	0.0	10.6	21.1	31.7	47.4	65.6	83.7	104.4	129.2	153.6	177.7
-75°	0.0	9.1	18.2	27.3	37.1	52.8	68.3	85.0	103.2	124.6	145.6
-77.5°	0.0	7.6	15.2	22.8	30.3	39.8	52.8	66.5	81.1	96.3	113.1
-80°	0.0	6.1	12.2	18.3	24.3	30.3	37.1	47.8	59.0	70.9	83.2
-82.5°	0.0	4.6	9.2	13.7	18.3	22.8	27.3	31.7	36.7	45.1	53.8
-85°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	21.1	24.1	26.9	29.7
-87.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
-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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	16.2	17.6	18.9	20.2	21.4	22.6	23.8	24.9	25.9	27.0	27.9
85°	32.5	35.2	40.4	45.5	50.5	55.3	59.9	64.3	68.6	72.7	76.5
82.5°	62.1	70.2	78.1	85.8	93.2	100.4	107.4	114.0	120.4	126.5	132.3
80°	94.4	105.2	116.0	126.0	135.8	145.4	154.6	163.5	172.0	181.2	190.8
77.5°	128.5	142.2	154.8	166.2	178.6	193.6	208.1	222.0	235.4	248.1	260.2
75°	163.6	179.3	196.5	213.5	231.3	249.3	266.8	283.6	300.0	316.8	333.6
72.5°	200.6	222.0	242.7	262.9	285.2	307.1	327.2	345.5	366.2	389.0	409.9
70°	239.9	264.5	290.6	316.6	341.8	366.2	391.1	416.1	441.3	465.9	489.4
67.5°	279.3	310.3	340.5	369.9	398.5	427.7	457.2	487.5	516.6	544.4	571.5
65°	321.3	355.9	389.7	422.6	454.5	490.1	525.1	558.9	595.8	630.0	659.7
62.5°	362.2	400.9	438.2	475.4	514.3	553.7	594.2	636.6	680.6	712.2	739.5
60°	401.5	445.1	486.7	529.4	572.7	617.2	663.8	709.0	749.2	783.8	812.5
57.5°	439.8	488.7	534.9	581.2	628.6	679.1	730.4	776.6	814.0	847.3	878.8
55°	477.0	531.2	580.3	629.6	683.4	742.7	795.2	836.9	875.1	902.7	932.8
52.5°	512.4	570.4	621.7	677.0	738.6	800.1	852.3	892.7	924.9	953.5	982.8
50°	546.2	604.5	661.6	724.4	789.4	851.1	903.9	941.2	973.5	1003.2	1031.4
47.5°	576.9	637.5	701.9	769.1	837.0	898.0	948.7	986.7	1020.1	1050.6	1081.7
45°	605.8	670.9	739.4	812.9	882.6	943.0	989.1	1029.9	1062.1	1096.4	1135.4
42.5°	633.5	703.1	777.4	855.7	926.8	982.1	1026.9	1065.9	1103.0	1144.4	1187.8
40°	660.6	733.1	813.5	895.8	968.3	1016.3	1061.0	1102.4	1145.2	1192.0	1239.4
37.5°	685.9	763.8	847.2	933.2	998.8	1048.5	1094.8	1141.0	1189.0	1239.4	1298.3
35°	709.2	792.0	879.5	962.7	1025.6	1079.9	1129.5	1179.6	1233.3	1294.9	1359.9
32.5°	731.9	817.7	909.6	987.6	1050.1	1108.0	1162.8	1219.5	1281.0	1348.8	1423.1
30°	754.1	842.9	935.9	1012.9	1071.9	1131.2	1195.4	1258.5	1326.9	1402.3	1489.5
27.5°	775.7	866.2	957.9	1032.8	1091.1	1151.4	1220.3	1296.9	1371.7	1454.2	1555.3
25°	795.5	890.2	979.6	1048.6	1107.6	1170.8	1242.6	1324.3	1412.3	1510.3	1634.1
22.5°	814.3	911.9	1000.2	1062.1	1121.3	1187.7	1265.0	1351.3	1447.0	1560.6	1711.9
20°	831.8	928.8	1013.9	1074.5	1132.6	1201.2	1284.3	1375.3	1484.4	1622.2	1803.0
17.5°	847.1	943.0	1023.3	1084.5	1144.6	1215.1	1300.8	1395.4	1518.1	1676.5	1890.5
15°	860.2	954.7	1031.5	1092.4	1154.7	1229.4	1317.7	1420.7	1555.1	1729.7	1966.1
12.5°	871.0	963.8	1038.4	1098.0	1162.6	1240.0	1332.0	1445.2	1592.1	1787.7	2067.9
10°	879.5	970.4	1043.8	1101.5	1168.2	1247.0	1343.3	1464.3	1622.0	1836.2	2155.2
7.5°	887.7	976.4	1047.6	1102.9	1171.4	1250.5	1351.2	1477.7	1643.9	1872.7	2224.8
5°	893.7	981.9	1049.9	1106.2	1173.5	1252.1	1356.5	1485.6	1657.6	1896.7	2274.0
2.5°	897.2	985.2	1049.9	1108.7	1173.6	1252.7	1362.8	1489.9	1672.8	1917.0	2301.9
0°	898.3	986.3	1048.0	1109.6	1171.3	1250.5	1365.0	1488.3	1682.0	1928.6	2307.3
-2.5°	897.2	985.2	1049.9	1108.7	1173.6	1252.7	1362.8	1489.9	1672.8	1917.0	2301.9
-5°	893.7	981.9	1049.9	1106.2	1173.5	1252.1	1356.5	1485.6	1657.6	1896.7	2274.0
-7.5°	887.7	976.4	1047.6	1102.9	1171.4	1250.5	1351.2	1477.7	1643.9	1872.7	2224.8
-10°	879.5	970.4	1043.8	1101.5	1168.2	1247.0	1343.3	1464.3	1622.0	1836.2	2155.2
-12.5°	871.0	963.8	1038.4	1098.0	1162.6	1240.0	1332.0	1445.2	1592.1	1787.7	2067.9
-15°	860.2	954.7	1031.5	1092.4	1154.7	1229.4	1317.7	1420.7	1555.1	1729.7	1966.1
-17.5°	847.1	943.0	1023.3	1084.5	1144.6	1215.1	1300.8	1395.4	1518.1	1676.5	1890.5
-20°	831.8	928.8	1013.9	1074.5	1132.6	1201.2	1284.3	1375.3	1484.4	1622.2	1803.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	814.3	911.9	1000.2	1062.1	1121.3	1187.7	1265.0	1351.3	1447.0	1560.6	1711.9
-25°	795.5	890.2	979.6	1048.6	1107.6	1170.8	1242.6	1324.3	1412.3	1510.3	1634.1
-27.5°	775.7	866.2	957.9	1032.8	1091.1	1151.4	1220.3	1296.9	1371.7	1454.2	1555.3
-30°	754.1	842.9	935.9	1012.9	1071.9	1131.2	1195.4	1258.5	1326.9	1402.3	1489.5
-32.5°	731.9	817.7	909.6	987.6	1050.1	1108.0	1162.8	1219.5	1281.0	1348.8	1423.1
-35°	709.2	792.0	879.5	962.7	1025.6	1079.9	1129.5	1179.6	1233.3	1294.9	1359.9
-37.5°	685.9	763.8	847.2	933.2	998.8	1048.5	1094.8	1141.0	1189.0	1239.4	1298.3
-40°	660.6	733.1	813.5	895.8	968.3	1016.3	1061.0	1102.4	1145.2	1192.0	1239.4
-42.5°	633.5	703.1	777.4	855.7	926.8	982.1	1026.9	1065.9	1103.0	1144.4	1187.8
-45°	605.8	670.9	739.4	812.9	882.6	943.0	989.1	1029.9	1062.1	1096.4	1135.4
-47.5°	576.9	637.5	701.9	769.1	837.0	898.0	948.7	986.7	1020.1	1050.6	1081.7
-50°	546.2	604.5	661.6	724.4	789.4	851.1	903.9	941.2	973.5	1003.2	1031.4
-52.5°	512.4	570.4	621.7	677.0	738.6	800.1	852.3	892.7	924.9	953.5	982.8
-55°	477.0	531.2	580.3	629.6	683.4	742.7	795.2	836.9	875.1	902.7	932.8
-57.5°	439.8	488.7	534.9	581.2	628.6	679.1	730.4	776.6	814.0	847.3	878.8
-60°	401.5	445.1	486.7	529.4	572.7	617.2	663.8	709.0	749.2	783.8	812.5
-62.5°	362.2	400.9	438.2	475.4	514.3	553.7	594.2	636.6	680.6	712.2	739.5
-65°	321.3	355.9	389.7	422.6	454.5	490.1	525.1	558.9	595.8	630.0	659.7
-67.5°	279.3	310.3	340.5	369.9	398.5	427.7	457.2	487.5	516.6	544.4	571.5
-70°	239.9	264.5	290.6	316.6	341.8	366.2	391.1	416.1	441.3	465.9	489.4
-72.5°	200.6	222.0	242.7	262.9	285.2	307.1	327.2	345.5	366.2	389.0	409.9
-75°	163.6	179.3	196.5	213.5	231.3	249.3	266.8	283.6	300.0	316.8	333.6
-77.5°	128.5	142.2	154.8	166.2	178.6	193.6	208.1	222.0	235.4	248.1	260.2
-80°	94.4	105.2	116.0	126.0	135.8	145.4	154.6	163.5	172.0	181.2	190.8
-82.5°	62.1	70.2	78.1	85.8	93.2	100.4	107.4	114.0	120.4	126.5	132.3
-85°	32.5	35.2	40.4	45.5	50.5	55.3	59.9	64.3	68.6	72.7	76.5
-87.5°	16.2	17.6	18.9	20.2	21.4	22.6	23.8	24.9	25.9	27.0	27.9
-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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	28.8	29.7	30.5	31.2	31.9	32.5	33.1	33.6	34.0	34.4	34.7
85°	80.2	83.6	86.8	89.7	92.5	93.1	93.4	93.2	92.7	94.0	95.0
82.5°	137.7	143.9	150.2	156.4	162.4	164.7	166.2	167.4	168.1	170.4	172.5
80°	200.0	209.7	218.8	226.9	234.1	239.2	243.9	248.2	252.1	253.9	254.8
77.5°	272.4	284.3	295.3	305.6	315.1	322.6	328.7	333.6	337.3	339.8	341.3
75°	350.3	365.3	378.6	391.0	402.4	410.4	415.9	420.0	422.7	425.7	428.0
72.5°	428.9	446.0	461.8	476.7	489.8	499.0	505.5	510.7	514.6	517.5	519.0
70°	511.6	532.0	549.5	564.4	576.2	585.1	592.0	597.6	601.9	604.9	606.4
67.5°	597.3	619.1	635.5	648.5	659.2	668.5	677.1	683.5	687.7	691.9	696.4
65°	684.5	706.7	723.5	737.3	748.5	760.6	771.6	779.9	785.4	790.4	795.4
62.5°	766.6	791.7	811.1	829.2	847.6	864.9	875.0	882.8	888.3	893.2	899.0
60°	841.1	869.6	893.3	915.3	937.8	960.3	969.6	976.9	983.7	990.2	996.0
57.5°	907.3	937.6	966.5	988.2	1009.7	1030.7	1045.2	1053.2	1058.5	1061.5	1064.0
55°	965.0	995.2	1024.0	1049.0	1072.3	1093.9	1110.1	1117.9	1123.7	1127.4	1129.6
52.5°	1016.5	1048.9	1079.7	1107.5	1132.6	1155.9	1176.1	1186.9	1195.5	1201.7	1203.7
50°	1067.2	1102.2	1135.6	1165.3	1194.5	1222.5	1248.1	1263.0	1273.5	1279.9	1282.0
47.5°	1120.2	1158.2	1194.2	1228.7	1261.9	1295.0	1325.4	1345.8	1360.8	1371.9	1379.8
45°	1175.3	1216.1	1256.0	1296.7	1334.9	1377.6	1416.1	1445.7	1467.6	1486.5	1501.6
42.5°	1230.7	1276.6	1322.5	1374.9	1427.0	1475.5	1521.4	1560.7	1596.4	1631.4	1658.8
40°	1291.0	1341.3	1404.0	1466.1	1530.4	1586.8	1653.8	1713.8	1768.8	1828.2	1877.4
37.5°	1356.9	1421.5	1495.8	1570.2	1653.8	1734.9	1828.4	1920.6	2000.6	2104.7	2188.2
35°	1428.8	1510.6	1598.2	1698.0	1805.9	1933.2	2064.1	2217.6	2347.8	2513.2	2665.9
32.5°	1508.7	1605.0	1718.6	1855.9	2001.5	2205.9	2397.6	2657.8	2880.3	3167.3	3480.8
30°	1590.0	1714.4	1869.1	2046.3	2292.6	2582.7	2920.8	3360.8	3836.7	4329.0	4991.8
27.5°	1686.4	1847.9	2041.1	2314.8	2683.1	3084.7	3773.7	4517.7	5554.1	6374.7	7836.0
25°	1790.3	1990.2	2275.5	2672.2	3181.2	3993.9	5156.9	6503.7	8577.6	10422.4	12542.4
22.5°	1913.2	2184.8	2562.5	3082.1	3969.3	5367.5	7182.9	9948.6	13023.0	16057.4	18830.8
20°	2043.5	2371.4	2899.6	3745.9	5117.2	7138.9	10377.9	14329.8	18411.3	22569.9	26074.3
17.5°	2195.5	2640.8	3336.7	4460.7	6417.1	9878.3	14204.6	19229.7	24562.0	29868.5	34477.9
15°	2326.2	2876.4	3813.4	5496.9	8414.4	12743.7	18061.0	24407.5	31113.2	37999.8	45463.6
12.5°	2492.9	3160.4	4304.6	6353.6	10186.5	15813.7	22319.7	29688.2	37876.7	47020.5	58656.5
10°	2645.9	3458.1	4950.7	7726.4	12316.7	18681.3	25998.4	34358.2	44979.3	58720.1	72755.9
7.5°	2768.4	3694.2	5451.8	8797.5	14103.2	21131.2	29310.7	39333.7	52584.4	68946.6	84983.4
5°	2853.6	3857.9	5810.3	9606.8	15540.2	23003.4	31661.3	43001.5	58994.6	77317.4	93692.1
2.5°	2907.2	3947.4	5985.8	10087.4	16477.5	24130.0	33127.8	45332.4	62923.5	82646.1	99224.9
0°	2932.6	3962.9	5873.9	10321.2	16609.0	24050.5	33262.1	46110.7	63855.7	84093.0	100605.2
-2.5°	2907.2	3947.4	5985.8	10087.4	16477.5	24130.0	33127.8	45332.4	62923.5	82646.1	99224.9
-5°	2853.6	3857.9	5810.3	9606.8	15540.2	23003.4	31661.3	43001.5	58994.6	77317.4	93692.1
-7.5°	2768.4	3694.2	5451.8	8797.5	14103.2	21131.2	29310.7	39333.7	52584.4	68946.6	84983.4
-10°	2645.9	3458.1	4950.7	7726.4	12316.7	18681.3	25998.4	34358.2	44979.3	58720.1	72755.9
-12.5°	2492.9	3160.4	4304.6	6353.6	10186.5	15813.7	22319.7	29688.2	37876.7	47020.5	58656.5
-15°	2326.2	2876.4	3813.4	5496.9	8414.4	12743.7	18061.0	24407.5	31113.2	37999.8	45463.6
-17.5°	2195.5	2640.8	3336.7	4460.7	6417.1	9878.3	14204.6	19229.7	24562.0	29868.5	34477.9
-20°	2043.5	2371.4	2899.6	3745.9	5117.2	7138.9	10377.9	14329.8	18411.3	22569.9	26074.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1913.2	2184.8	2562.5	3082.1	3969.3	5367.5	7182.9	9948.6	13023.0	16057.4	18830.8
-25°	1790.3	1990.2	2275.5	2672.2	3181.2	3993.9	5156.9	6503.7	8577.6	10422.4	12542.4
-27.5°	1686.4	1847.9	2041.1	2314.8	2683.1	3084.7	3773.7	4517.7	5554.1	6374.7	7836.0
-30°	1590.0	1714.4	1869.1	2046.3	2292.6	2582.7	2920.8	3360.8	3836.7	4329.0	4991.8
-32.5°	1508.7	1605.0	1718.6	1855.9	2001.5	2205.9	2397.6	2657.8	2880.3	3167.3	3480.8
-35°	1428.8	1510.6	1598.2	1698.0	1805.9	1933.2	2064.1	2217.6	2347.8	2513.2	2665.9
-37.5°	1356.9	1421.5	1495.8	1570.2	1653.8	1734.9	1828.4	1920.6	2000.6	2104.7	2188.2
-40°	1291.0	1341.3	1404.0	1466.1	1530.4	1586.8	1653.8	1713.8	1768.8	1828.2	1877.4
-42.5°	1230.7	1276.6	1322.5	1374.9	1427.0	1475.5	1521.4	1560.7	1596.4	1631.4	1658.8
-45°	1175.3	1216.1	1256.0	1296.7	1334.9	1377.6	1416.1	1445.7	1467.6	1486.5	1501.6
-47.5°	1120.2	1158.2	1194.2	1228.7	1261.9	1295.0	1325.4	1345.8	1360.8	1371.9	1379.8
-50°	1067.2	1102.2	1135.6	1165.3	1194.5	1222.5	1248.1	1263.0	1273.5	1279.9	1282.0
-52.5°	1016.5	1048.9	1079.7	1107.5	1132.6	1155.9	1176.1	1186.9	1195.5	1201.7	1203.7
-55°	965.0	995.2	1024.0	1049.0	1072.3	1093.9	1110.1	1117.9	1123.7	1127.4	1129.6
-57.5°	907.3	937.6	966.5	988.2	1009.7	1030.7	1045.2	1053.2	1058.5	1061.5	1064.0
-60°	841.1	869.6	893.3	915.3	937.8	960.3	969.6	976.9	983.7	990.2	996.0
-62.5°	766.6	791.7	811.1	829.2	847.6	864.9	875.0	882.8	888.3	893.2	899.0
-65°	684.5	706.7	723.5	737.3	748.5	760.6	771.6	779.9	785.4	790.4	795.4
-67.5°	597.3	619.1	635.5	648.5	659.2	668.5	677.1	683.5	687.7	691.9	696.4
-70°	511.6	532.0	549.5	564.4	576.2	585.1	592.0	597.6	601.9	604.9	606.4
-72.5°	428.9	446.0	461.8	476.7	489.8	499.0	505.5	510.7	514.6	517.5	519.0
-75°	350.3	365.3	378.6	391.0	402.4	410.4	415.9	420.0	422.7	425.7	428.0
-77.5°	272.4	284.3	295.3	305.6	315.1	322.6	328.7	333.6	337.3	339.8	341.3
-80°	200.0	209.7	218.8	226.9	234.1	239.2	243.9	248.2	252.1	253.9	254.8
-82.5°	137.7	143.9	150.2	156.4	162.4	164.7	166.2	167.4	168.1	170.4	172.5
-85°	80.2	83.6	86.8	89.7	92.5	93.1	93.4	93.2	92.7	94.0	95.0
-87.5°	28.8	29.7	30.5	31.2	31.9	32.5	33.1	33.6	34.0	34.4	34.7
-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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	34.9	35.1	35.2	35.2	35.2	35.1	34.9	34.7	34.4	34.0	33.6
85°	95.8	96.4	96.8	96.9	96.8	96.4	95.8	95.0	94.0	92.7	93.2
82.5°	174.1	175.2	175.9	176.1	175.9	175.2	174.1	172.5	170.4	168.1	167.4
80°	254.9	254.2	255.1	255.4	255.1	254.2	254.9	254.8	253.9	252.1	248.2
77.5°	342.0	341.9	343.1	343.5	343.1	341.9	342.0	341.3	339.8	337.3	333.6
75°	429.3	429.6	431.0	431.5	431.0	429.6	429.3	428.0	425.7	422.7	420.0
72.5°	519.0	517.6	519.0	519.6	519.0	517.6	519.0	519.0	517.5	514.6	510.7
70°	606.6	605.4	611.0	616.5	611.0	605.4	606.6	606.4	604.9	601.9	597.6
67.5°	699.6	701.4	707.7	713.3	707.7	701.4	699.6	696.4	691.9	687.7	683.5
65°	798.0	798.3	804.4	810.2	804.4	798.3	798.0	795.4	790.4	785.4	779.9
62.5°	902.4	903.4	909.7	915.9	909.7	903.4	902.4	899.0	893.2	888.3	882.8
60°	999.4	1000.4	1002.7	1003.9	1002.7	1000.4	999.4	996.0	990.2	983.7	976.9
57.5°	1064.7	1063.8	1064.7	1065.6	1064.7	1063.8	1064.7	1064.0	1061.5	1058.5	1053.2
55°	1129.2	1126.3	1122.9	1118.4	1122.9	1126.3	1129.2	1129.6	1127.4	1123.7	1117.9
52.5°	1202.1	1197.5	1193.3	1188.9	1193.3	1197.5	1202.1	1203.7	1201.7	1195.5	1186.9
50°	1280.7	1276.5	1272.4	1268.1	1272.4	1276.5	1280.7	1282.0	1279.9	1273.5	1263.0
47.5°	1385.2	1387.1	1386.3	1382.6	1386.3	1387.1	1385.2	1379.8	1371.9	1360.8	1345.8
45°	1512.4	1517.4	1518.0	1514.7	1518.0	1517.4	1512.4	1501.6	1486.5	1467.6	1445.7
42.5°	1678.1	1689.2	1695.4	1699.6	1695.4	1689.2	1678.1	1658.8	1631.4	1596.4	1560.7
40°	1913.1	1935.8	1950.3	1963.8	1950.3	1935.8	1913.1	1877.4	1828.2	1768.8	1713.8
37.5°	2250.1	2291.4	2309.8	2298.5	2309.8	2291.4	2250.1	2188.2	2104.7	2000.6	1920.6
35°	2783.5	2862.0	2902.8	2906.1	2902.8	2862.0	2783.5	2665.9	2513.2	2347.8	2217.6
32.5°	3712.5	3873.2	3959.5	3971.7	3959.5	3873.2	3712.5	3480.8	3167.3	2880.3	2657.8
30°	5499.2	5827.0	5980.9	5944.4	5980.9	5827.0	5499.2	4991.8	4329.0	3836.7	3360.8
27.5°	8972.1	9789.5	10273.8	10312.4	10273.8	9789.5	8972.1	7836.0	6374.7	5554.1	4517.7
25°	14420.1	15815.5	16709.1	16723.5	16709.1	15815.5	14420.1	12542.4	10422.4	8577.6	6503.7
22.5°	21395.4	23300.2	24343.8	24526.0	24343.8	23300.2	21395.4	18830.8	16057.4	13023.0	9948.6
20°	29476.6	32010.4	33366.2	33367.7	33366.2	32010.4	29476.6	26074.3	22569.9	18411.3	14329.8
17.5°	39428.9	43543.3	46126.2	47237.9	46126.2	43543.3	39428.9	34477.9	29868.5	24562.0	19229.7
15°	52650.7	59564.8	63707.9	64454.6	63707.9	59564.8	52650.7	45463.6	37999.8	31113.2	24407.5
12.5°	68749.8	77499.8	83381.6	85537.3	83381.6	77499.8	68749.8	58656.5	47020.5	37876.7	29688.2
10°	85558.6	93665.9	99967.2	102084.7	99967.2	93665.9	85558.6	72755.9	58720.1	44979.3	34358.2
7.5°	97701.5	107369.3	114467.2	117584.0	114467.2	107369.3	97701.5	84983.4	68946.6	52584.4	39333.7
5°	107287.2	118726.5	125333.9	128266.3	125333.9	118726.5	107287.2	93692.1	77317.4	58994.6	43001.5
2.5°	113576.6	124879.8	131876.5	134580.5	131876.5	124879.8	113576.6	99224.9	82646.1	62923.5	45332.4
0°	115928.4	126980.6	133893.6	137196.1	133893.6	126980.6	115928.4	100605.2	84093.0	63855.7	46110.7
-2.5°	113576.6	124879.8	131876.5	134580.5	131876.5	124879.8	113576.6	99224.9	82646.1	62923.5	45332.4
-5°	107287.2	118726.5	125333.9	128266.3	125333.9	118726.5	107287.2	93692.1	77317.4	58994.6	43001.5
-7.5°	97701.5	107369.3	114467.2	117584.0	114467.2	107369.3	97701.5	84983.4	68946.6	52584.4	39333.7
-10°	85558.6	93665.9	99967.2	102084.7	99967.2	93665.9	85558.6	72755.9	58720.1	44979.3	34358.2
-12.5°	68749.8	77499.8	83381.6	85537.3	83381.6	77499.8	68749.8	58656.5	47020.5	37876.7	29688.2
-15°	52650.7	59564.8	63707.9	64454.6	63707.9	59564.8	52650.7	45463.6	37999.8	31113.2	24407.5
-17.5°	39428.9	43543.3	46126.2	47237.9	46126.2	43543.3	39428.9	34477.9	29868.5	24562.0	19229.7
-20°	29476.6	32010.4	33366.2	33367.7	33366.2	32010.4	29476.6	26074.3	22569.9	18411.3	14329.8



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21395.4	23300.2	24343.8	24526.0	24343.8	23300.2	21395.4	18830.8	16057.4	13023.0	9948.6
-25°	14420.1	15815.5	16709.1	16723.5	16709.1	15815.5	14420.1	12542.4	10422.4	8577.6	6503.7
-27.5°	8972.1	9789.5	10273.8	10312.4	10273.8	9789.5	8972.1	7836.0	6374.7	5554.1	4517.7
-30°	5499.2	5827.0	5980.9	5944.4	5980.9	5827.0	5499.2	4991.8	4329.0	3836.7	3360.8
-32.5°	3712.5	3873.2	3959.5	3971.7	3959.5	3873.2	3712.5	3480.8	3167.3	2880.3	2657.8
-35°	2783.5	2862.0	2902.8	2906.1	2902.8	2862.0	2783.5	2665.9	2513.2	2347.8	2217.6
-37.5°	2250.1	2291.4	2309.8	2298.5	2309.8	2291.4	2250.1	2188.2	2104.7	2000.6	1920.6
-40°	1913.1	1935.8	1950.3	1963.8	1950.3	1935.8	1913.1	1877.4	1828.2	1768.8	1713.8
-42.5°	1678.1	1689.2	1695.4	1699.6	1695.4	1689.2	1678.1	1658.8	1631.4	1596.4	1560.7
-45°	1512.4	1517.4	1518.0	1514.7	1518.0	1517.4	1512.4	1501.6	1486.5	1467.6	1445.7
-47.5°	1385.2	1387.1	1386.3	1382.6	1386.3	1387.1	1385.2	1379.8	1371.9	1360.8	1345.8
-50°	1280.7	1276.5	1272.4	1268.1	1272.4	1276.5	1280.7	1282.0	1279.9	1273.5	1263.0
-52.5°	1202.1	1197.5	1193.3	1188.9	1193.3	1197.5	1202.1	1203.7	1201.7	1195.5	1186.9
-55°	1129.2	1126.3	1122.9	1118.4	1122.9	1126.3	1129.2	1129.6	1127.4	1123.7	1117.9
-57.5°	1064.7	1063.8	1064.7	1065.6	1064.7	1063.8	1064.7	1064.0	1061.5	1058.5	1053.2
-60°	999.4	1000.4	1002.7	1003.9	1002.7	1000.4	999.4	996.0	990.2	983.7	976.9
-62.5°	902.4	903.4	909.7	915.9	909.7	903.4	902.4	899.0	893.2	888.3	882.8
-65°	798.0	798.3	804.4	810.2	804.4	798.3	798.0	795.4	790.4	785.4	779.9
-67.5°	699.6	701.4	707.7	713.3	707.7	701.4	699.6	696.4	691.9	687.7	683.5
-70°	606.6	605.4	611.0	616.5	611.0	605.4	606.6	606.4	604.9	601.9	597.6
-72.5°	519.0	517.6	519.0	519.6	519.0	517.6	519.0	519.0	517.5	514.6	510.7
-75°	429.3	429.6	431.0	431.5	431.0	429.6	429.3	428.0	425.7	422.7	420.0
-77.5°	342.0	341.9	343.1	343.5	343.1	341.9	342.0	341.3	339.8	337.3	333.6
-80°	254.9	254.2	255.1	255.4	255.1	254.2	254.9	254.8	253.9	252.1	248.2
-82.5°	174.1	175.2	175.9	176.1	175.9	175.2	174.1	172.5	170.4	168.1	167.4
-85°	95.8	96.4	96.8	96.9	96.8	96.4	95.8	95.0	94.0	92.7	93.2
-87.5°	34.9	35.1	35.2	35.2	35.2	35.1	34.9	34.7	34.4	34.0	33.6
-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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	33.1	32.5	31.9	31.2	30.5	29.7	28.8	27.9	27.0	25.9	24.9
85°	93.4	93.1	92.5	89.7	86.8	83.6	80.2	76.5	72.7	68.6	64.3
82.5°	166.2	164.7	162.4	156.4	150.2	143.9	137.7	132.3	126.5	120.4	114.0
80°	243.9	239.2	234.1	226.9	218.8	209.7	200.0	190.8	181.2	172.0	163.5
77.5°	328.7	322.6	315.1	305.6	295.3	284.3	272.4	260.2	248.1	235.4	222.0
75°	415.9	410.4	402.4	391.0	378.6	365.3	350.3	333.6	316.8	300.0	283.6
72.5°	505.5	499.0	489.8	476.7	461.8	446.0	428.9	409.9	389.0	366.2	345.5
70°	592.0	585.1	576.2	564.4	549.5	532.0	511.6	489.4	465.9	441.3	416.1
67.5°	677.1	668.5	659.2	648.5	635.5	619.1	597.3	571.5	544.4	516.6	487.5
65°	771.6	760.6	748.5	737.3	723.5	706.7	684.5	659.7	630.0	595.8	558.9
62.5°	875.0	864.9	847.6	829.2	811.1	791.7	766.6	739.5	712.2	680.6	636.6
60°	969.6	960.3	937.8	915.3	893.3	869.6	841.1	812.5	783.8	749.2	709.0
57.5°	1045.2	1030.7	1009.7	988.2	966.5	937.6	907.3	878.8	847.3	814.0	776.6
55°	1110.1	1093.9	1072.3	1049.0	1024.0	995.2	965.0	932.8	902.7	875.1	836.9
52.5°	1176.1	1155.9	1132.6	1107.5	1079.7	1048.9	1016.5	982.8	953.5	924.9	892.7
50°	1248.1	1222.5	1194.5	1165.3	1135.6	1102.2	1067.2	1031.4	1003.2	973.5	941.2
47.5°	1325.4	1295.0	1261.9	1228.7	1194.2	1158.2	1120.2	1081.7	1050.6	1020.1	986.7
45°	1416.1	1377.6	1334.9	1296.7	1256.0	1216.1	1175.3	1135.4	1096.4	1062.1	1029.9
42.5°	1521.4	1475.5	1427.0	1374.9	1322.5	1276.6	1230.7	1187.8	1144.4	1103.0	1065.9
40°	1653.8	1586.8	1530.4	1466.1	1404.0	1341.3	1291.0	1239.4	1192.0	1145.2	1102.4
37.5°	1828.4	1734.9	1653.8	1570.2	1495.8	1421.5	1356.9	1298.3	1239.4	1189.0	1141.0
35°	2064.1	1933.2	1805.9	1698.0	1598.2	1510.6	1428.8	1359.9	1294.9	1233.3	1179.6
32.5°	2397.6	2205.9	2001.5	1855.9	1718.6	1605.0	1508.7	1423.1	1348.8	1281.0	1219.5
30°	2920.8	2582.7	2292.6	2046.3	1869.1	1714.4	1590.0	1489.5	1402.3	1326.9	1258.5
27.5°	3773.7	3084.7	2683.1	2314.8	2041.1	1847.9	1686.4	1555.3	1454.2	1371.7	1296.9
25°	5156.9	3993.9	3181.2	2672.2	2275.5	1990.2	1790.3	1634.1	1510.3	1412.3	1324.3
22.5°	7182.9	5367.5	3969.3	3082.1	2562.5	2184.8	1913.2	1711.9	1560.6	1447.0	1351.3
20°	10377.9	7138.9	5117.2	3745.9	2899.6	2371.4	2043.5	1803.0	1622.2	1484.4	1375.3
17.5°	14204.6	9878.3	6417.1	4460.7	3336.7	2640.8	2195.5	1890.5	1676.5	1518.1	1395.4
15°	18061.0	12743.7	8414.4	5496.9	3813.4	2876.4	2326.2	1966.1	1729.7	1555.1	1420.7
12.5°	22319.7	15813.7	10186.5	6353.6	4304.6	3160.4	2492.9	2067.9	1787.7	1592.1	1445.2
10°	25998.4	18681.3	12316.7	7726.4	4950.7	3458.1	2645.9	2155.2	1836.2	1622.0	1464.3
7.5°	29310.7	21131.2	14103.2	8797.5	5451.8	3694.2	2768.4	2224.8	1872.7	1643.9	1477.7
5°	31661.3	23003.4	15540.2	9606.8	5810.3	3857.9	2853.6	2274.0	1896.7	1657.6	1485.6
2.5°	33127.8	24130.0	16477.5	10087.4	5985.8	3947.4	2907.2	2301.9	1917.0	1672.8	1489.9
0°	33262.1	24050.5	16609.0	10321.2	5873.9	3962.9	2932.6	2307.3	1928.6	1682.0	1488.3
-2.5°	33127.8	24130.0	16477.5	10087.4	5985.8	3947.4	2907.2	2301.9	1917.0	1672.8	1489.9
-5°	31661.3	23003.4	15540.2	9606.8	5810.3	3857.9	2853.6	2274.0	1896.7	1657.6	1485.6
-7.5°	29310.7	21131.2	14103.2	8797.5	5451.8	3694.2	2768.4	2224.8	1872.7	1643.9	1477.7
-10°	25998.4	18681.3	12316.7	7726.4	4950.7	3458.1	2645.9	2155.2	1836.2	1622.0	1464.3
-12.5°	22319.7	15813.7	10186.5	6353.6	4304.6	3160.4	2492.9	2067.9	1787.7	1592.1	1445.2
-15°	18061.0	12743.7	8414.4	5496.9	3813.4	2876.4	2326.2	1966.1	1729.7	1555.1	1420.7
-17.5°	14204.6	9878.3	6417.1	4460.7	3336.7	2640.8	2195.5	1890.5	1676.5	1518.1	1395.4
-20°	10377.9	7138.9	5117.2	3745.9	2899.6	2371.4	2043.5	1803.0	1622.2	1484.4	1375.3



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7182.9	5367.5	3969.3	3082.1	2562.5	2184.8	1913.2	1711.9	1560.6	1447.0	1351.3
-25°	5156.9	3993.9	3181.2	2672.2	2275.5	1990.2	1790.3	1634.1	1510.3	1412.3	1324.3
-27.5°	3773.7	3084.7	2683.1	2314.8	2041.1	1847.9	1686.4	1555.3	1454.2	1371.7	1296.9
-30°	2920.8	2582.7	2292.6	2046.3	1869.1	1714.4	1590.0	1489.5	1402.3	1326.9	1258.5
-32.5°	2397.6	2205.9	2001.5	1855.9	1718.6	1605.0	1508.7	1423.1	1348.8	1281.0	1219.5
-35°	2064.1	1933.2	1805.9	1698.0	1598.2	1510.6	1428.8	1359.9	1294.9	1233.3	1179.6
-37.5°	1828.4	1734.9	1653.8	1570.2	1495.8	1421.5	1356.9	1298.3	1239.4	1189.0	1141.0
-40°	1653.8	1586.8	1530.4	1466.1	1404.0	1341.3	1291.0	1239.4	1192.0	1145.2	1102.4
-42.5°	1521.4	1475.5	1427.0	1374.9	1322.5	1276.6	1230.7	1187.8	1144.4	1103.0	1065.9
-45°	1416.1	1377.6	1334.9	1296.7	1256.0	1216.1	1175.3	1135.4	1096.4	1062.1	1029.9
-47.5°	1325.4	1295.0	1261.9	1228.7	1194.2	1158.2	1120.2	1081.7	1050.6	1020.1	986.7
-50°	1248.1	1222.5	1194.5	1165.3	1135.6	1102.2	1067.2	1031.4	1003.2	973.5	941.2
-52.5°	1176.1	1155.9	1132.6	1107.5	1079.7	1048.9	1016.5	982.8	953.5	924.9	892.7
-55°	1110.1	1093.9	1072.3	1049.0	1024.0	995.2	965.0	932.8	902.7	875.1	836.9
-57.5°	1045.2	1030.7	1009.7	988.2	966.5	937.6	907.3	878.8	847.3	814.0	776.6
-60°	969.6	960.3	937.8	915.3	893.3	869.6	841.1	812.5	783.8	749.2	709.0
-62.5°	875.0	864.9	847.6	829.2	811.1	791.7	766.6	739.5	712.2	680.6	636.6
-65°	771.6	760.6	748.5	737.3	723.5	706.7	684.5	659.7	630.0	595.8	558.9
-67.5°	677.1	668.5	659.2	648.5	635.5	619.1	597.3	571.5	544.4	516.6	487.5
-70°	592.0	585.1	576.2	564.4	549.5	532.0	511.6	489.4	465.9	441.3	416.1
-72.5°	505.5	499.0	489.8	476.7	461.8	446.0	428.9	409.9	389.0	366.2	345.5
-75°	415.9	410.4	402.4	391.0	378.6	365.3	350.3	333.6	316.8	300.0	283.6
-77.5°	328.7	322.6	315.1	305.6	295.3	284.3	272.4	260.2	248.1	235.4	222.0
-80°	243.9	239.2	234.1	226.9	218.8	209.7	200.0	190.8	181.2	172.0	163.5
-82.5°	166.2	164.7	162.4	156.4	150.2	143.9	137.7	132.3	126.5	120.4	114.0
-85°	93.4	93.1	92.5	89.7	86.8	83.6	80.2	76.5	72.7	68.6	64.3
-87.5°	33.1	32.5	31.9	31.2	30.5	29.7	28.8	27.9	27.0	25.9	24.9
-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: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	23.8	22.6	21.4	20.2	18.9	17.6	16.2	14.9	13.5	12.0	10.6
85°	59.9	55.3	50.5	45.5	40.4	35.2	32.5	29.7	26.9	24.1	21.1
82.5°	107.4	100.4	93.2	85.8	78.1	70.2	62.1	53.8	45.1	36.7	31.7
80°	154.6	145.4	135.8	126.0	116.0	105.2	94.4	83.2	70.9	59.0	47.8
77.5°	208.1	193.6	178.6	166.2	154.8	142.2	128.5	113.1	96.3	81.1	66.5
75°	266.8	249.3	231.3	213.5	196.5	179.3	163.6	145.6	124.6	103.2	85.0
72.5°	327.2	307.1	285.2	262.9	242.7	222.0	200.6	177.7	153.6	129.2	104.4
70°	391.1	366.2	341.8	316.6	290.6	264.5	239.9	212.3	182.3	154.7	126.8
67.5°	457.2	427.7	398.5	369.9	340.5	310.3	279.3	247.1	213.8	180.0	148.9
65°	525.1	490.1	454.5	422.6	389.7	355.9	321.3	282.1	244.7	207.5	170.6
62.5°	594.2	553.7	514.3	475.4	438.2	400.9	362.2	318.2	275.3	234.6	193.6
60°	663.8	617.2	572.7	529.4	486.7	445.1	401.5	353.3	306.4	261.0	216.8
57.5°	730.4	679.1	628.6	581.2	534.9	488.7	439.8	387.9	336.5	287.2	239.4
55°	795.2	742.7	683.4	629.6	580.3	531.2	477.0	421.9	365.8	312.6	261.4
52.5°	852.3	800.1	738.6	677.0	621.7	570.4	512.4	454.9	395.5	337.1	282.7
50°	903.9	851.1	789.4	724.4	661.6	604.5	546.2	485.4	424.3	361.1	303.3
47.5°	948.7	898.0	837.0	769.1	701.9	637.5	576.9	514.3	451.9	385.6	323.2
45°	989.1	943.0	882.6	812.9	739.4	670.9	605.8	541.7	476.4	409.4	342.3
42.5°	1026.9	982.1	926.8	855.7	777.4	703.1	633.5	566.8	499.4	431.9	361.3
40°	1061.0	1016.3	968.3	895.8	813.5	733.1	660.6	590.6	521.1	452.5	379.8
37.5°	1094.8	1048.5	998.8	933.2	847.2	763.8	685.9	613.1	541.8	470.9	397.2
35°	1129.5	1079.9	1025.6	962.7	879.5	792.0	709.2	634.2	561.4	488.2	413.3
32.5°	1162.8	1108.0	1050.1	987.6	909.6	817.7	731.9	654.7	579.7	504.4	428.3
30°	1195.4	1131.2	1071.9	1012.9	935.9	842.9	754.1	673.7	596.7	519.4	441.8
27.5°	1220.3	1151.4	1091.1	1032.8	957.9	866.2	775.7	691.2	612.4	533.2	453.8
25°	1242.6	1170.8	1107.6	1048.6	979.6	890.2	795.5	707.3	626.7	545.8	464.8
22.5°	1265.0	1187.7	1121.3	1062.1	1000.2	911.9	814.3	723.4	639.5	557.2	474.6
20°	1284.3	1201.2	1132.6	1074.5	1013.9	928.8	831.8	737.7	650.9	567.2	483.4
17.5°	1300.8	1215.1	1144.6	1084.5	1023.3	943.0	847.1	750.2	660.8	575.9	490.9
15°	1317.7	1229.4	1154.7	1092.4	1031.5	954.7	860.2	760.8	669.3	583.3	497.9
12.5°	1332.0	1240.0	1162.6	1098.0	1038.4	963.8	871.0	769.5	676.1	590.2	504.5
10°	1343.3	1247.0	1168.2	1101.5	1043.8	970.4	879.5	777.5	684.3	596.5	509.9
7.5°	1351.2	1250.5	1171.4	1102.9	1047.6	976.4	887.7	786.4	691.6	601.3	514.2
5°	1356.5	1252.1	1173.5	1106.2	1049.9	981.9	893.7	793.4	697.5	604.8	517.2
2.5°	1362.8	1252.7	1173.6	1108.7	1049.9	985.2	897.2	798.4	701.8	606.9	519.0
0°	1365.0	1250.5	1171.3	1109.6	1048.0	986.3	898.3	801.4	704.5	607.6	519.6
-2.5°	1362.8	1252.7	1173.6	1108.7	1049.9	985.2	897.2	798.4	701.8	606.9	519.0
-5°	1356.5	1252.1	1173.5	1106.2	1049.9	981.9	893.7	793.4	697.5	604.8	517.2
-7.5°	1351.2	1250.5	1171.4	1102.9	1047.6	976.4	887.7	786.4	691.6	601.3	514.2
-10°	1343.3	1247.0	1168.2	1101.5	1043.8	970.4	879.5	777.5	684.3	596.5	509.9
-12.5°	1332.0	1240.0	1162.6	1098.0	1038.4	963.8	871.0	769.5	676.1	590.2	504.5
-15°	1317.7	1229.4	1154.7	1092.4	1031.5	954.7	860.2	760.8	669.3	583.3	497.9
-17.5°	1300.8	1215.1	1144.6	1084.5	1023.3	943.0	847.1	750.2	660.8	575.9	490.9
-20°	1284.3	1201.2	1132.6	1074.5	1013.9	928.8	831.8	737.7	650.9	567.2	483.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1265.0	1187.7	1121.3	1062.1	1000.2	911.9	814.3	723.4	639.5	557.2	474.6
-25°	1242.6	1170.8	1107.6	1048.6	979.6	890.2	795.5	707.3	626.7	545.8	464.8
-27.5°	1220.3	1151.4	1091.1	1032.8	957.9	866.2	775.7	691.2	612.4	533.2	453.8
-30°	1195.4	1131.2	1071.9	1012.9	935.9	842.9	754.1	673.7	596.7	519.4	441.8
-32.5°	1162.8	1108.0	1050.1	987.6	909.6	817.7	731.9	654.7	579.7	504.4	428.3
-35°	1129.5	1079.9	1025.6	962.7	879.5	792.0	709.2	634.2	561.4	488.2	413.3
-37.5°	1094.8	1048.5	998.8	933.2	847.2	763.8	685.9	613.1	541.8	470.9	397.2
-40°	1061.0	1016.3	968.3	895.8	813.5	733.1	660.6	590.6	521.1	452.5	379.8
-42.5°	1026.9	982.1	926.8	855.7	777.4	703.1	633.5	566.8	499.4	431.9	361.3
-45°	989.1	943.0	882.6	812.9	739.4	670.9	605.8	541.7	476.4	409.4	342.3
-47.5°	948.7	898.0	837.0	769.1	701.9	637.5	576.9	514.3	451.9	385.6	323.2
-50°	903.9	851.1	789.4	724.4	661.6	604.5	546.2	485.4	424.3	361.1	303.3
-52.5°	852.3	800.1	738.6	677.0	621.7	570.4	512.4	454.9	395.5	337.1	282.7
-55°	795.2	742.7	683.4	629.6	580.3	531.2	477.0	421.9	365.8	312.6	261.4
-57.5°	730.4	679.1	628.6	581.2	534.9	488.7	439.8	387.9	336.5	287.2	239.4
-60°	663.8	617.2	572.7	529.4	486.7	445.1	401.5	353.3	306.4	261.0	216.8
-62.5°	594.2	553.7	514.3	475.4	438.2	400.9	362.2	318.2	275.3	234.6	193.6
-65°	525.1	490.1	454.5	422.6	389.7	355.9	321.3	282.1	244.7	207.5	170.6
-67.5°	457.2	427.7	398.5	369.9	340.5	310.3	279.3	247.1	213.8	180.0	148.9
-70°	391.1	366.2	341.8	316.6	290.6	264.5	239.9	212.3	182.3	154.7	126.8
-72.5°	327.2	307.1	285.2	262.9	242.7	222.0	200.6	177.7	153.6	129.2	104.4
-75°	266.8	249.3	231.3	213.5	196.5	179.3	163.6	145.6	124.6	103.2	85.0
-77.5°	208.1	193.6	178.6	166.2	154.8	142.2	128.5	113.1	96.3	81.1	66.5
-80°	154.6	145.4	135.8	126.0	116.0	105.2	94.4	83.2	70.9	59.0	47.8
-82.5°	107.4	100.4	93.2	85.8	78.1	70.2	62.1	53.8	45.1	36.7	31.7
-85°	59.9	55.3	50.5	45.5	40.4	35.2	32.5	29.7	26.9	24.1	21.1
-87.5°	23.8	22.6	21.4	20.2	18.9	17.6	16.2	14.9	13.5	12.0	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

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-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°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
85°	18.2	15.2	12.2	9.2	6.1	3.1	0.0
82.5°	27.3	22.8	18.3	13.7	9.2	4.6	0.0
80°	37.1	30.3	24.3	18.3	12.2	6.1	0.0
77.5°	52.8	39.8	30.3	22.8	15.2	7.6	0.0
75°	68.3	52.8	37.1	27.3	18.2	9.1	0.0
72.5°	83.7	65.6	47.4	31.7	21.1	10.6	0.0
70°	99.4	78.3	57.5	36.6	24.1	12.0	0.0
67.5°	118.6	90.8	67.5	44.2	26.9	13.5	0.0
65°	137.4	104.8	77.4	51.5	29.7	14.9	0.0
62.5°	155.9	120.2	87.0	58.8	32.5	16.2	0.0
60°	174.1	135.3	96.4	65.9	35.2	17.6	0.0
57.5°	193.1	150.1	108.1	72.8	39.7	18.9	0.0
55°	211.7	164.4	119.6	79.5	44.2	20.2	0.0
52.5°	229.6	178.5	130.7	86.0	48.6	21.4	0.0
50°	246.8	192.7	141.5	92.3	52.8	22.6	0.0
47.5°	263.3	206.3	151.9	98.8	56.8	23.8	0.0
45°	279.7	219.2	161.9	106.3	60.7	24.9	0.0
42.5°	295.3	231.5	171.5	113.4	64.4	25.9	0.0
40°	310.2	243.2	180.8	120.2	68.0	27.0	0.0
37.5°	324.3	254.1	189.5	126.5	71.4	27.9	0.0
35°	337.6	264.9	197.8	132.4	74.5	28.8	0.0
32.5°	350.2	275.2	205.5	137.8	77.5	29.7	0.0
30°	362.2	284.9	212.6	142.8	80.3	30.5	0.0
27.5°	373.0	293.8	219.0	147.4	82.9	31.2	0.0
25°	382.9	302.0	224.9	151.4	85.3	31.9	0.0
22.5°	391.6	309.3	230.4	155.1	87.5	32.5	0.0
20°	399.3	315.7	235.4	158.2	89.4	33.1	0.0
17.5°	406.3	321.2	239.9	160.9	91.2	33.6	0.0
15°	412.7	325.7	243.9	163.1	92.7	34.0	0.0
12.5°	418.3	329.4	247.3	164.9	94.0	34.4	0.0
10°	422.9	332.1	250.2	166.3	95.0	34.7	0.0
7.5°	426.6	334.0	252.4	167.2	95.8	34.9	0.0
5°	429.3	335.0	254.1	167.6	96.4	35.1	0.0
2.5°	430.9	335.2	255.1	167.7	96.8	35.2	0.0
0°	431.5	334.6	255.4	167.3	96.9	35.2	0.0
-2.5°	430.9	335.2	255.1	167.7	96.8	35.2	0.0
-5°	429.3	335.0	254.1	167.6	96.4	35.1	0.0
-7.5°	426.6	334.0	252.4	167.2	95.8	34.9	0.0
-10°	422.9	332.1	250.2	166.3	95.0	34.7	0.0
-12.5°	418.3	329.4	247.3	164.9	94.0	34.4	0.0
-15°	412.7	325.7	243.9	163.1	92.7	34.0	0.0
-17.5°	406.3	321.2	239.9	160.9	91.2	33.6	0.0
-20°	399.3	315.7	235.4	158.2	89.4	33.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627755 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	391.6	309.3	230.4	155.1	87.5	32.5	0.0
-25°	382.9	302.0	224.9	151.4	85.3	31.9	0.0
-27.5°	373.0	293.8	219.0	147.4	82.9	31.2	0.0
-30°	362.2	284.9	212.6	142.8	80.3	30.5	0.0
-32.5°	350.2	275.2	205.5	137.8	77.5	29.7	0.0
-35°	337.6	264.9	197.8	132.4	74.5	28.8	0.0
-37.5°	324.3	254.1	189.5	126.5	71.4	27.9	0.0
-40°	310.2	243.2	180.8	120.2	68.0	27.0	0.0
-42.5°	295.3	231.5	171.5	113.4	64.4	25.9	0.0
-45°	279.7	219.2	161.9	106.3	60.7	24.9	0.0
-47.5°	263.3	206.3	151.9	98.8	56.8	23.8	0.0
-50°	246.8	192.7	141.5	92.3	52.8	22.6	0.0
-52.5°	229.6	178.5	130.7	86.0	48.6	21.4	0.0
-55°	211.7	164.4	119.6	79.5	44.2	20.2	0.0
-57.5°	193.1	150.1	108.1	72.8	39.7	18.9	0.0
-60°	174.1	135.3	96.4	65.9	35.2	17.6	0.0
-62.5°	155.9	120.2	87.0	58.8	32.5	16.2	0.0
-65°	137.4	104.8	77.4	51.5	29.7	14.9	0.0
-67.5°	118.6	90.8	67.5	44.2	26.9	13.5	0.0
-70°	99.4	78.3	57.5	36.6	24.1	12.0	0.0
-72.5°	83.7	65.6	47.4	31.7	21.1	10.6	0.0
-75°	68.3	52.8	37.1	27.3	18.2	9.1	0.0
-77.5°	52.8	39.8	30.3	22.8	15.2	7.6	0.0
-80°	37.1	30.3	24.3	18.3	12.2	6.1	0.0
-82.5°	27.3	22.8	18.3	13.7	9.2	4.6	0.0
-85°	18.2	15.2	12.2	9.2	6.1	3.1	0.0
-87.5°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)