

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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
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-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

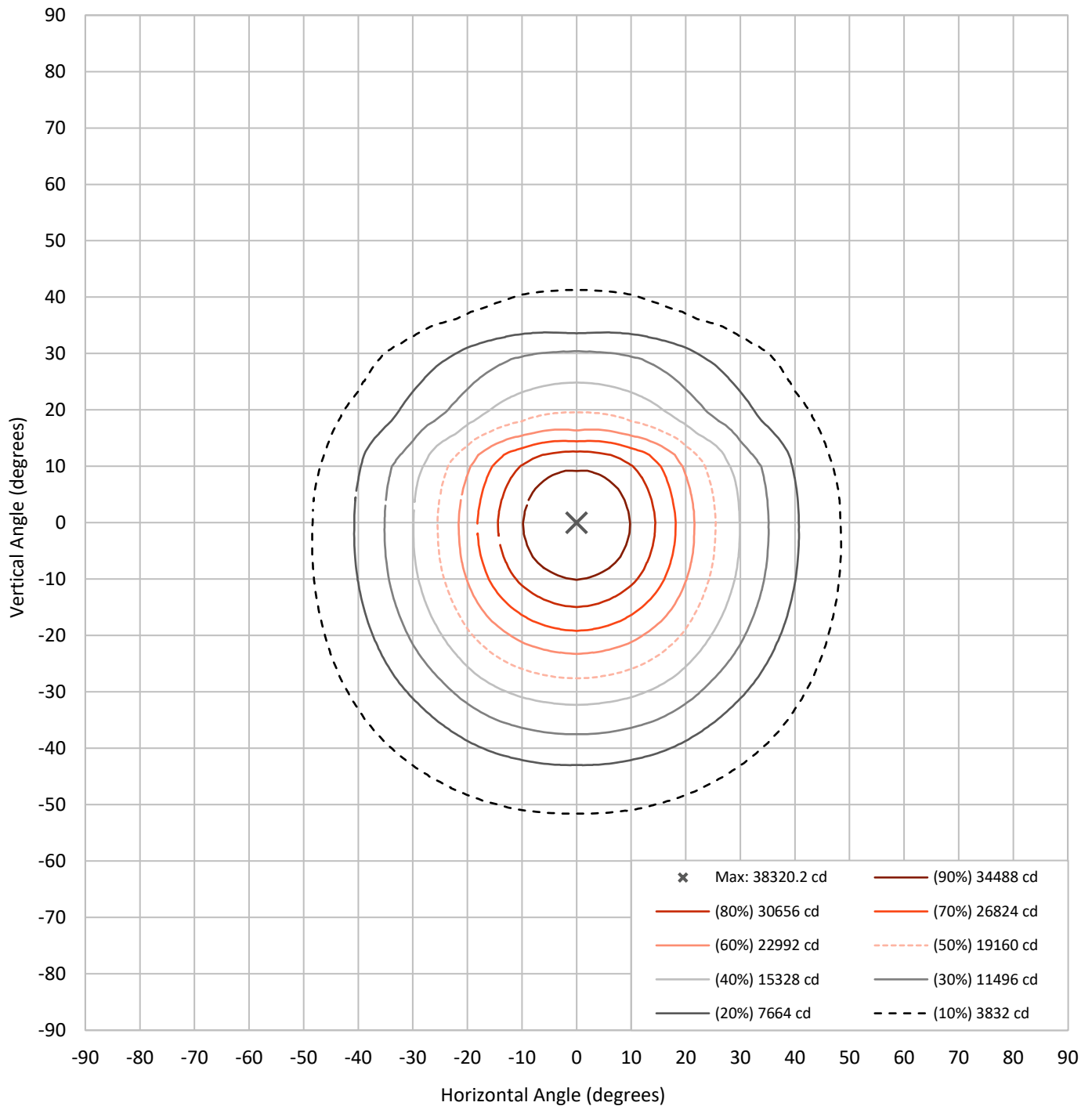
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	33806.7 lumens	Max Intensity:	38320.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	16276.3 lumens	Field Lumens:	30268.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

Iso-Candela Plot





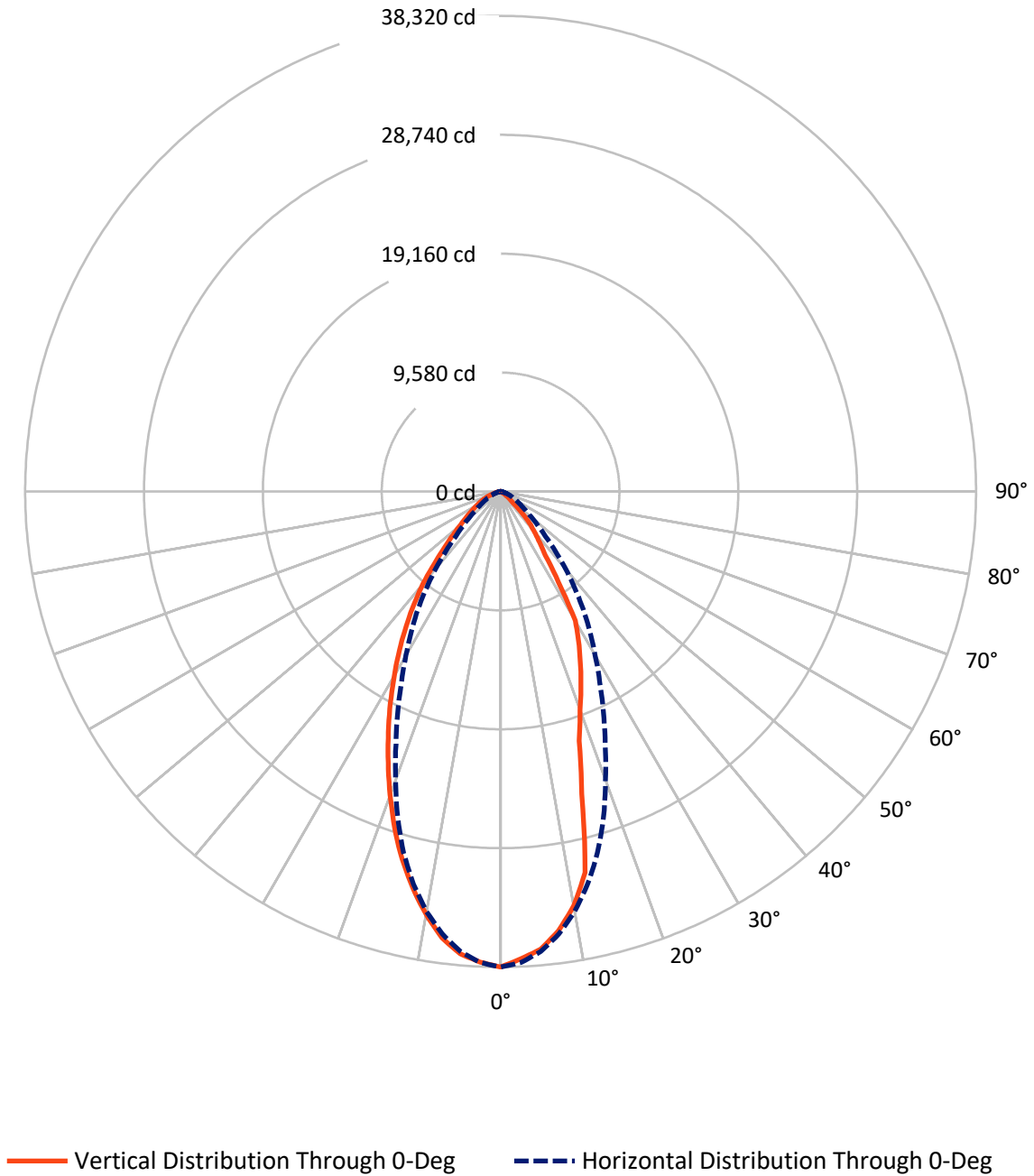
REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2			
50		0.7	1.8	3.2	5.3	7.8	10.6	12.0	12.0	10.6	7.8	5.3	3.2	1.8	0.7				
40	1.4	2.6	6.6	13.7	25.2	41.3	59.6	73.0	73.0	59.6	41.3	25.2	13.7	6.6	2.6	1.4			
30		5.1	13.2	30.6	63.1	116.0	177.3	213.2	213.2	177.3	116.0	63.1	30.6	13.2	5.1				
20	3.7	8.1	21.4	55.5	131.3	246.6	375.2	452.2	452.2	375.2	246.6	131.3	55.5	21.4	8.1	3.7			
10		11.0	30.5	87.0	216.0	399.5	624.3	771.8	771.8	624.3	399.5	216.0	87.0	30.5	11.0				
0	5.2	12.7	38.3	112.6	283.7	528.7	849.0	1076.4	1076.4	849.0	528.7	283.7	112.6	38.3	12.7	5.2			
-10		13.3	39.9	116.2	287.8	536.4	857.6	1083.1	1083.1	857.6	536.4	287.8	116.2	39.9	13.3				
-20	5.6	13.1	37.8	103.5	255.0	471.0	726.0	895.9	895.9	726.0	471.0	255.0	103.5	37.8	13.1	5.6			
-30		12.1	32.7	81.0	190.2	355.1	529.2	634.5	634.5	529.2	355.1	190.2	81.0	32.7	12.1				
-40	4.8	10.6	26.5	58.5	119.8	220.3	332.4	395.6	395.6	332.4	220.3	119.8	58.5	26.5	10.6	4.8			
-50		8.8	20.5	40.4	72.0	115.3	165.4	196.9	196.9	165.4	115.3	72.0	40.4	20.5	8.8				
-60	3.0	6.8	14.9	26.9	44.0	63.2	81.8	92.5	92.5	81.8	63.2	44.0	26.9	14.9	6.8	3.0			
-70		4.8	10.0	16.6	25.5	34.7	42.5	46.4	46.4	42.5	34.7	25.5	16.6	10.0	4.8				
-80																			
-90	0.8	9.6		24.8		44.4		40.5		44.4		24.8		9.6		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

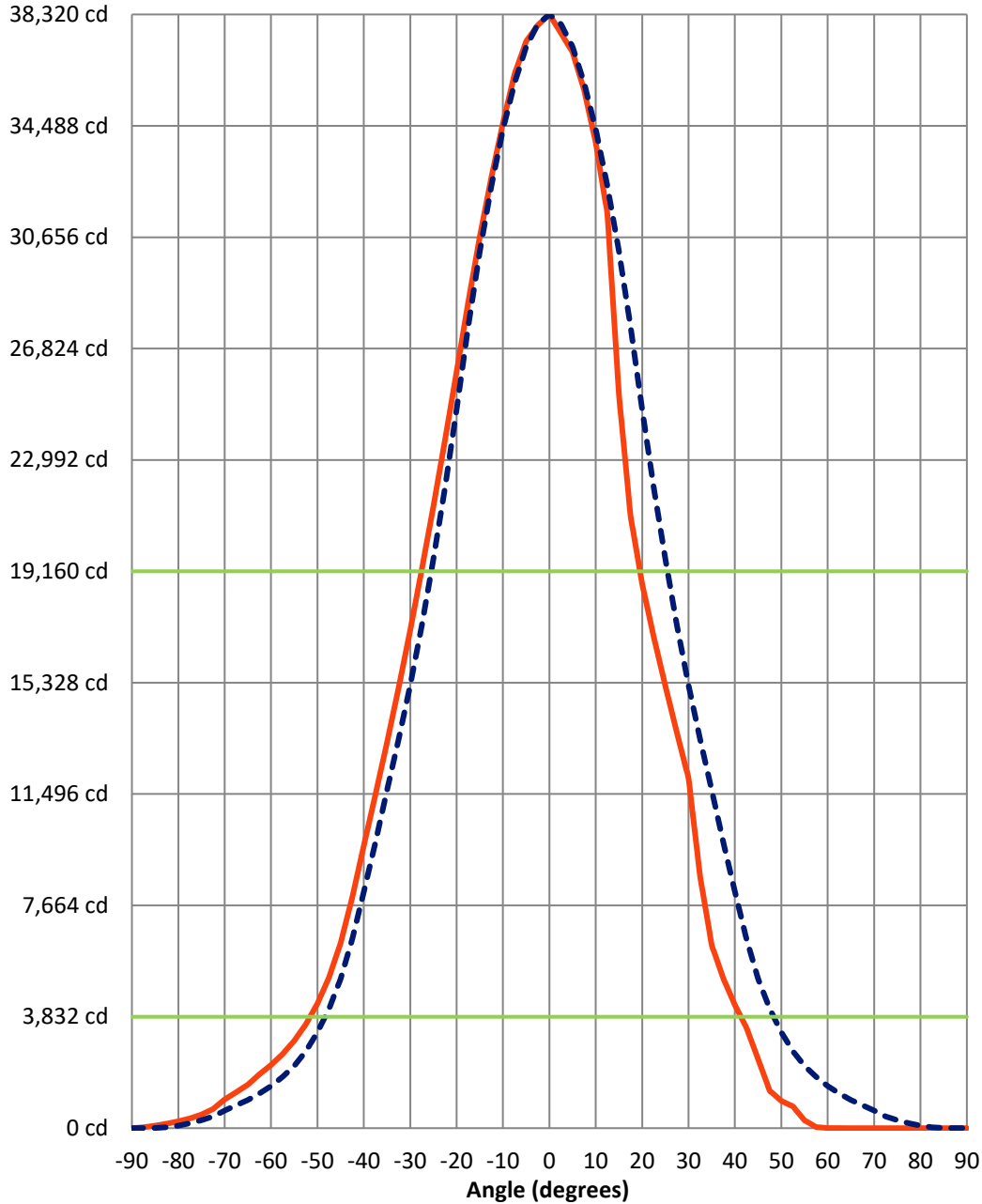
REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 16276.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 30268.5
 Efficiency: 89.5%

Spill:
 Lumens: 3538.2
 Efficiency: 10.5%

- 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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
82.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	2.7	2.7
80°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	2.7	2.7	2.7	2.7
77.5°	0.0	0.6	1.2	1.7	2.3	2.7	2.7	2.7	2.7	2.7	2.7
75°	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	0.0	0.8	1.6	2.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	0.0	0.9	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9
67.5°	0.0	1.0	2.1	2.7	2.7	2.7	2.9	2.7	2.7	3.5	3.4
65°	0.0	1.1	2.3	2.7	2.7	3.0	3.3	2.7	3.9	4.5	5.2
62.5°	0.0	1.2	2.5	2.7	2.7	3.6	3.7	3.7	5.2	7.3	11.4
60°	0.0	1.3	2.7	2.7	2.7	4.3	4.2	5.2	6.6	18.1	19.6
57.5°	0.0	1.5	2.7	2.7	3.5	5.1	7.4	7.0	17.8	30.5	33.5
55°	0.0	1.5	2.8	2.7	4.3	6.0	11.3	10.4	32.7	46.0	52.0
52.5°	0.0	1.6	2.8	2.7	5.2	7.5	15.8	25.7	48.9	68.3	73.6
50°	0.0	1.7	2.9	2.7	6.1	12.3	20.9	42.6	68.3	93.0	112.4
47.5°	0.0	1.8	3.0	2.9	7.0	17.3	27.8	59.6	93.7	120.2	152.6
45°	0.0	1.9	3.0	3.6	8.0	22.7	42.6	76.7	119.3	155.7	192.2
42.5°	0.0	2.0	3.1	4.4	9.0	28.4	57.4	96.9	144.9	190.8	236.3
40°	0.0	2.1	3.2	5.4	11.9	34.4	72.1	119.0	171.4	225.1	282.2
37.5°	0.0	2.1	3.3	6.5	16.6	40.7	86.7	140.9	200.1	260.3	329.1
35°	0.0	2.2	3.5	7.8	21.3	50.6	101.1	162.4	229.0	302.3	380.1
32.5°	0.0	2.3	3.6	9.2	26.1	62.0	116.4	183.6	257.9	345.5	437.6
30°	0.0	2.3	3.7	10.7	30.9	73.1	133.5	205.1	286.7	389.6	495.5
27.5°	0.0	2.4	3.9	12.2	36.5	83.9	150.1	228.6	318.4	434.4	553.5
25°	0.0	2.4	4.0	13.9	42.0	94.3	166.1	251.6	354.9	482.1	611.6
22.5°	0.0	2.5	4.2	15.5	47.4	104.5	181.5	274.0	391.1	530.4	670.6
20°	0.0	2.5	4.3	17.3	52.6	114.3	196.1	295.7	426.6	577.6	726.7
17.5°	0.0	2.6	4.5	19.0	57.6	123.6	209.6	316.5	461.3	623.5	779.9
15°	0.0	2.6	4.6	20.7	62.4	132.3	222.0	335.0	494.7	667.7	830.1
12.5°	0.0	2.6	4.8	22.5	66.9	140.3	233.4	350.4	522.4	709.9	877.0
10°	0.0	2.7	4.9	24.1	71.2	147.6	243.7	364.2	544.6	734.8	913.9
7.5°	0.0	2.7	5.1	25.8	75.1	154.3	253.0	376.4	564.1	753.8	933.2
5°	0.0	2.7	5.2	27.3	78.8	160.2	261.0	386.8	580.7	768.9	948.8
2.5°	0.0	2.7	5.4	28.8	82.0	165.3	268.0	395.5	594.3	780.4	960.8
0°	0.0	2.7	5.5	30.1	84.9	169.7	273.7	402.4	604.9	788.3	969.0
-2.5°	0.0	2.9	6.3	32.0	88.8	175.0	281.1	414.0	616.7	799.7	981.8
-5°	0.0	3.0	7.1	33.8	92.2	179.5	287.3	423.7	625.4	807.9	990.9
-7.5°	0.0	3.2	7.9	35.3	95.1	183.2	292.2	431.3	630.9	813.0	996.3
-10°	0.0	3.4	8.7	36.7	97.5	185.9	295.7	436.7	633.2	815.0	998.0
-12.5°	0.0	3.5	9.4	37.9	99.3	187.7	297.7	439.7	632.5	813.7	993.3
-15°	0.0	3.6	10.1	38.9	100.5	188.6	298.4	440.4	627.9	806.7	983.7
-17.5°	0.0	3.8	10.7	39.6	101.0	188.5	297.5	439.5	619.8	797.0	970.4
-20°	0.0	3.9	11.3	40.1	100.9	187.4	296.7	437.5	609.6	785.0	953.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	11.8	40.4	100.1	185.3	296.8	433.5	597.6	770.7	932.6
-25°	0.0	4.0	12.2	40.3	98.5	184.7	295.5	427.7	583.9	754.3	908.4
-27.5°	0.0	4.1	12.6	40.1	96.2	183.9	292.7	420.2	568.7	735.3	885.9
-30°	0.0	4.1	12.9	39.5	93.5	181.9	288.4	410.8	555.2	714.0	861.8
-32.5°	0.0	4.1	13.1	38.6	92.3	178.8	282.6	403.1	542.0	691.7	836.0
-35°	0.0	4.1	13.2	37.5	90.4	174.5	277.1	394.7	527.0	668.6	808.5
-37.5°	0.0	4.1	13.2	36.1	87.6	169.8	270.8	384.6	510.2	645.0	776.3
-40°	0.0	4.1	13.2	34.4	84.2	165.7	263.0	372.7	491.8	622.9	741.8
-42.5°	0.0	4.0	13.1	32.8	81.6	160.5	253.7	359.1	474.7	594.2	705.1
-45°	0.0	4.0	12.9	31.5	80.0	154.2	242.9	344.9	457.2	563.5	666.9
-47.5°	0.0	3.9	12.6	29.8	77.6	146.9	230.6	330.4	437.6	531.7	631.6
-50°	0.0	3.8	12.2	29.3	74.3	138.6	219.8	314.1	411.8	502.8	595.2
-52.5°	0.0	3.6	11.7	28.9	70.3	129.3	208.3	296.1	386.2	472.5	558.3
-55°	0.0	3.5	11.1	28.1	65.4	121.7	195.4	276.8	359.9	441.1	523.5
-57.5°	0.0	3.3	10.5	27.0	59.8	113.4	181.3	259.6	332.1	409.3	487.4
-60°	0.0	3.1	9.8	25.5	53.6	104.0	166.3	238.9	303.6	376.4	450.2
-62.5°	0.0	2.9	9.2	23.7	49.9	93.6	151.7	215.9	275.5	342.1	411.8
-65°	0.0	2.7	8.6	21.6	45.6	82.1	135.7	191.9	245.5	306.0	372.0
-67.5°	0.0	2.5	7.9	19.2	40.8	71.9	118.4	167.7	213.8	267.9	327.8
-70°	0.0	2.2	7.1	16.6	35.5	63.0	99.8	142.6	183.9	227.9	280.3
-72.5°	0.0	2.0	6.3	14.6	29.7	53.5	84.8	116.8	153.1	191.7	232.4
-75°	0.0	1.7	5.5	12.7	23.6	43.3	69.6	95.1	121.5	154.7	189.7
-77.5°	0.0	1.5	4.6	10.8	19.5	32.7	53.7	74.8	96.5	119.3	145.9
-80°	0.0	1.2	3.7	8.7	15.8	25.0	37.1	54.0	71.7	90.4	109.9
-82.5°	0.0	0.9	2.8	6.6	12.0	18.9	27.3	36.1	46.6	61.0	76.0
-85°	0.0	0.6	1.9	4.4	8.0	12.7	18.3	24.2	30.8	38.1	46.1
-87.5°	0.0	0.3	0.9	2.2	4.0	6.4	9.2	12.1	15.4	19.1	23.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	1.2	1.3	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1
85°	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2
67.5°	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.1	1.4
65°	2.7	2.7	3.7	4.0	2.8	2.7	2.7	2.7	2.8	2.4	2.5
62.5°	4.0	4.9	6.1	9.5	7.1	2.7	5.3	6.2	4.2	3.4	3.7
60°	11.9	8.2	21.0	29.2	19.1	10.1	12.4	24.8	20.5	5.6	14.5
57.5°	24.1	29.8	53.0	55.6	42.8	28.9	63.4	70.2	58.3	36.6	52.7
55°	50.3	70.7	89.5	88.4	89.0	111.8	131.4	129.0	113.8	156.9	197.6
52.5°	95.3	116.5	128.9	140.5	172.4	193.6	199.7	211.8	256.4	309.9	319.5
50°	139.9	161.7	178.1	219.7	252.4	269.2	284.8	325.7	393.2	429.8	435.7
47.5°	185.0	209.4	252.4	297.9	329.6	354.9	382.0	474.9	550.2	581.3	592.6
45°	232.1	274.3	328.0	374.7	411.4	445.7	533.8	660.5	713.5	761.3	883.0
42.5°	281.0	344.5	404.9	453.9	495.3	567.1	689.7	812.4	888.3	990.0	1137.0
40°	343.2	414.5	484.6	534.4	586.0	694.9	846.6	976.5	1056.8	1193.3	1360.8
37.5°	406.6	489.8	565.5	618.1	690.6	837.8	1016.1	1171.7	1271.3	1382.4	1651.5
35°	469.1	566.7	644.3	714.8	804.4	1007.4	1227.1	1400.3	1523.4	1713.6	2054.2
32.5°	535.8	645.0	724.3	820.3	967.5	1194.5	1464.3	1656.7	1860.7	2134.4	2680.0
30°	606.9	718.2	809.4	924.8	1122.3	1387.1	1700.2	1942.0	2218.9	2663.5	3251.6
27.5°	677.8	791.2	903.6	1050.3	1267.3	1553.3	1880.4	2261.4	2619.3	3116.5	3759.4
25°	745.9	865.6	995.9	1173.3	1407.8	1707.3	2064.3	2503.9	2970.9	3539.6	4294.5
22.5°	810.8	941.1	1093.7	1284.3	1526.4	1853.5	2279.2	2795.5	3356.8	3945.8	4813.3
20°	874.6	1025.5	1200.6	1413.9	1635.6	1988.3	2489.4	3114.6	3817.9	4625.0	5475.1
17.5°	937.5	1108.8	1310.9	1548.0	1816.6	2177.6	2704.8	3449.1	4305.2	5355.6	6402.3
15°	999.2	1190.5	1417.6	1680.5	1999.3	2430.7	3029.5	3847.6	4881.9	6139.8	7379.6
12.5°	1058.9	1269.7	1520.0	1809.9	2176.4	2668.9	3335.5	4218.1	5403.3	6906.0	8429.1
10°	1116.3	1345.7	1617.3	1934.8	2346.1	2890.7	3606.0	4538.6	5796.6	7345.3	9039.2
7.5°	1145.5	1397.1	1700.3	2053.6	2506.2	3094.2	3841.4	4809.5	6103.9	7698.5	9397.0
5°	1166.3	1420.7	1731.5	2101.1	2594.2	3232.6	4021.5	5031.0	6330.4	7964.3	9639.3
2.5°	1182.3	1437.6	1754.2	2127.9	2628.9	3278.7	4081.1	5108.3	6451.9	8103.0	9780.6
0°	1193.4	1448.0	1768.2	2143.2	2646.8	3301.0	4108.5	5140.4	6503.5	8134.8	9831.9
-2.5°	1205.1	1462.1	1782.9	2167.0	2671.9	3331.4	4138.7	5163.1	6542.2	8143.7	9859.7
-5°	1211.8	1469.7	1788.7	2178.5	2680.0	3337.1	4136.6	5141.5	6511.4	8079.8	9799.4
-7.5°	1213.7	1470.6	1785.5	2176.2	2669.7	3311.2	4092.9	5077.3	6405.2	7950.4	9651.4
-10°	1210.7	1464.1	1773.7	2156.5	2639.6	3257.5	4014.7	4966.1	6230.7	7736.9	9401.4
-12.5°	1201.9	1450.4	1752.7	2124.3	2591.3	3181.1	3904.5	4807.6	5988.4	7440.0	9048.9
-15°	1187.7	1430.0	1722.2	2079.6	2524.5	3082.7	3762.9	4601.8	5676.4	7062.7	8609.9
-17.5°	1168.1	1402.9	1682.2	2022.7	2439.2	2963.2	3591.8	4360.9	5340.0	6641.5	8122.0
-20°	1143.2	1369.2	1632.9	1953.7	2340.8	2837.3	3433.0	4147.7	5025.1	6159.2	7546.3



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1112.9	1329.1	1580.6	1887.5	2253.6	2706.6	3255.4	3905.9	4672.0	5601.8	6917.7
-25°	1081.8	1290.6	1529.8	1813.9	2153.9	2558.5	3052.2	3644.8	4338.6	5189.7	6277.6
-27.5°	1051.0	1246.4	1471.1	1728.9	2042.2	2405.8	2861.1	3401.4	4019.8	4743.5	5629.4
-30°	1016.4	1197.0	1406.4	1639.9	1935.2	2272.7	2666.3	3129.2	3679.0	4333.0	5103.1
-32.5°	978.6	1143.9	1343.7	1562.8	1820.5	2127.8	2468.2	2886.9	3365.2	3904.7	4570.4
-35°	940.9	1098.7	1279.4	1479.9	1697.4	1985.1	2298.0	2645.3	3052.2	3529.9	4062.3
-37.5°	904.7	1049.3	1210.5	1397.5	1601.5	1840.3	2116.8	2430.4	2780.6	3160.7	3620.6
-40°	864.4	996.0	1148.5	1317.9	1498.3	1705.4	1954.5	2220.8	2522.3	2856.7	3211.9
-42.5°	820.5	947.0	1086.2	1232.1	1397.7	1582.7	1789.3	2032.8	2283.3	2563.5	2873.5
-45°	777.5	893.7	1021.1	1154.3	1293.6	1457.0	1644.7	1847.2	2069.3	2298.0	2558.4
-47.5°	732.3	838.4	957.0	1073.0	1196.4	1335.9	1495.1	1678.9	1864.1	2067.7	2269.6
-50°	687.0	786.6	886.2	994.5	1105.1	1221.1	1355.7	1514.3	1682.9	1851.8	2029.5
-52.5°	646.4	732.5	822.6	915.6	1016.3	1119.5	1231.7	1362.4	1509.8	1658.6	1811.8
-55°	605.0	684.3	758.8	842.0	929.1	1022.1	1122.0	1232.1	1343.3	1478.9	1610.7
-57.5°	564.5	634.9	699.6	770.6	848.1	927.1	1017.1	1110.6	1211.6	1314.1	1421.9
-60°	523.9	583.7	642.4	703.8	768.8	839.1	911.5	993.7	1080.3	1169.3	1262.8
-62.5°	481.9	530.4	582.1	638.3	695.6	749.6	810.4	877.6	949.0	1025.4	1104.6
-65°	435.0	475.2	518.3	567.3	621.0	664.6	711.1	761.6	820.7	883.6	945.8
-67.5°	384.8	420.4	455.6	492.0	535.5	574.6	612.9	653.0	697.2	748.6	798.5
-70°	328.9	364.5	395.5	425.6	453.3	481.2	513.7	545.4	580.9	627.1	672.4
-72.5°	272.1	305.4	334.9	360.4	379.9	396.5	416.5	439.5	473.6	516.4	556.5
-75°	220.1	247.0	274.5	299.1	311.6	316.6	320.8	332.9	367.4	411.3	450.2
-77.5°	171.4	194.8	217.2	238.7	247.5	251.0	252.6	252.6	278.1	315.5	354.8
-80°	126.3	142.5	161.5	179.8	185.2	186.9	187.1	186.0	206.7	233.7	262.5
-82.5°	87.7	99.4	111.5	124.0	125.6	124.8	123.0	121.2	138.0	157.5	177.4
-85°	51.1	56.0	63.4	71.0	71.9	71.5	70.2	68.0	77.4	88.0	99.1
-87.5°	25.6	28.0	30.5	33.0	32.1	30.8	29.1	27.1	29.7	32.5	35.2
-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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	2.2	1.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.7	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.7	2.1	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.7	2.1	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.7	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.7	2.3	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.7	2.4	1.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.2	1.4	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.8	2.7	2.0	1.3	0.6	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.5	3.4	2.4	2.3	2.5	2.7	2.2	1.9	1.8	1.9	2.2
60°	15.4	8.8	9.0	11.4	9.7	4.5	8.9	11.3	10.5	8.0	7.0
57.5°	78.6	65.8	46.0	77.0	79.3	55.3	60.0	78.2	75.9	58.6	58.4
55°	198.0	200.8	215.6	235.1	249.5	256.2	262.1	291.5	323.0	353.7	369.2
52.5°	327.0	365.2	412.8	444.3	466.3	511.3	574.4	603.4	631.6	663.6	686.7
50°	481.6	548.0	595.8	602.7	677.7	726.4	737.9	792.2	851.4	888.3	914.8
47.5°	716.4	800.5	842.1	868.7	959.9	1060.0	1060.1	1091.4	1239.6	1317.2	1354.5
45°	1031.9	1101.9	1175.6	1366.8	1542.6	1598.4	1717.8	1879.6	1984.7	2129.3	2288.4
42.5°	1300.5	1432.1	1616.5	1827.1	2003.3	2150.1	2327.5	2521.9	2755.4	2975.0	3164.5
40°	1566.4	1729.3	1957.7	2186.7	2408.6	2611.9	2897.9	3147.9	3423.4	3725.5	3977.3
37.5°	1913.3	2121.9	2357.8	2646.6	2992.1	3217.7	3611.1	3970.3	4280.7	4645.5	4870.3
35°	2446.1	2718.0	2926.8	3510.7	3930.9	4194.8	4660.5	5250.9	5477.6	5937.0	6155.1
32.5°	3116.0	3477.2	4027.1	4800.2	5361.3	5847.2	6543.2	7142.4	7653.1	8114.5	8594.5
30°	3868.6	4426.2	5236.6	6263.9	6833.8	7514.5	8455.6	9166.0	9967.0	10846.0	11154.0
27.5°	4551.7	5386.7	6327.7	7159.8	7978.4	8826.1	9750.9	10663.6	11530.4	12261.9	12752.8
25°	5184.8	6196.0	7110.5	7999.7	8886.8	9841.5	10887.4	11922.4	12876.3	13629.0	14201.3
22.5°	5837.7	6906.1	7884.4	8786.8	9818.5	10900.4	12012.7	13199.9	14285.5	15066.3	15689.8
20°	6451.7	7639.9	8755.9	9783.2	10758.5	12007.4	13288.3	14547.6	15729.7	16659.9	17378.7
17.5°	7426.2	8457.7	9821.6	11156.2	12254.9	13402.2	15113.8	16413.5	17725.3	18839.3	19601.4
15°	8623.0	9757.2	11165.6	12998.4	14503.9	15818.4	17586.6	19700.9	21248.2	22670.3	23645.9
12.5°	9820.7	11103.6	12626.9	14689.5	16833.0	18381.3	20526.5	23205.8	25008.0	27209.8	28295.2
10°	10738.7	12349.7	13918.5	15800.8	17859.3	20064.1	22376.6	24883.2	27291.3	29181.9	30871.9
7.5°	11108.3	12824.2	14640.3	16560.9	18619.2	20894.7	23359.4	25967.6	28445.9	30557.7	32415.0
5°	11384.6	13142.8	14970.8	16934.6	19135.0	21511.3	24012.7	26751.0	29282.0	31545.3	33445.5
2.5°	11560.1	13334.9	15155.0	17151.6	19465.9	21912.6	24494.4	27305.3	29874.3	32204.3	34098.4
0°	11627.5	13376.5	15240.5	17296.1	19587.1	22039.6	24733.0	27576.9	30166.2	32418.9	34367.8
-2.5°	11636.6	13337.7	15246.1	17291.7	19483.7	21959.2	24685.1	27505.3	30042.0	32285.6	34251.9
-5°	11545.3	13245.7	15155.8	17170.4	19365.5	21822.3	24431.2	27156.5	29575.8	31759.4	33652.5
-7.5°	11360.1	13055.9	14923.7	16892.1	19028.1	21411.2	23916.8	26450.6	28824.0	30918.2	32724.9
-10°	11085.3	12745.4	14548.6	16466.6	18487.6	20754.3	23143.6	25564.4	27790.1	29726.8	31397.5
-12.5°	10713.3	12335.0	14057.0	15888.0	17769.3	19930.4	22186.3	24459.6	26488.3	28256.4	29755.4
-15°	10230.1	11814.0	13481.3	15212.9	17037.4	18991.6	21016.3	23101.4	24972.4	26540.4	27909.7
-17.5°	9660.9	11197.0	12780.5	14385.7	16116.8	17950.3	19829.7	21701.5	23297.3	24690.2	25942.4
-20°	9026.2	10506.4	12010.4	13506.9	15077.4	16773.2	18509.0	20153.1	21547.7	22813.3	23959.1



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8314.8	9731.5	11173.1	12573.5	13989.8	15525.2	17075.4	18562.3	19866.7	20949.4	21945.1
-25°	7553.1	8862.1	10223.4	11536.5	12840.0	14215.9	15624.0	16992.0	18140.1	19080.1	19902.9
-27.5°	6785.6	7981.8	9181.2	10417.3	11622.2	12891.9	14166.7	15348.3	16379.0	17244.5	17935.9
-30°	5979.0	7048.3	8143.6	9262.1	10412.5	11574.5	12726.3	13760.9	14660.6	15421.9	16019.4
-32.5°	5308.5	6120.9	7087.9	8103.2	9181.7	10240.4	11242.3	12185.3	13033.1	13697.8	14204.6
-35°	4665.9	5353.9	6078.0	6976.8	7903.3	8877.5	9799.2	10640.8	11396.6	11977.4	12454.1
-37.5°	4113.5	4657.6	5270.0	5911.6	6688.5	7493.9	8325.7	9117.2	9791.1	10297.8	10723.5
-40°	3635.3	4064.9	4554.3	5062.9	5634.5	6213.1	6937.4	7605.4	8155.4	8629.0	9014.8
-42.5°	3203.1	3565.6	3926.9	4344.2	4775.4	5240.5	5748.9	6242.9	6665.1	7061.4	7389.1
-45°	2829.9	3119.5	3407.6	3729.8	4046.4	4424.7	4787.8	5111.8	5453.8	5750.6	5984.1
-47.5°	2503.7	2729.4	2976.4	3217.6	3471.8	3756.6	4026.9	4273.4	4524.0	4741.0	4915.1
-50°	2213.6	2400.8	2602.4	2791.9	2997.5	3205.9	3405.8	3601.9	3792.2	3957.3	4085.8
-52.5°	1959.9	2123.4	2280.4	2431.4	2594.9	2749.1	2893.8	3055.6	3204.5	3334.6	3422.5
-55°	1743.7	1877.3	2006.0	2132.0	2255.6	2372.6	2487.9	2613.6	2728.4	2831.8	2897.3
-57.5°	1540.8	1654.4	1763.4	1866.3	1964.5	2057.4	2154.5	2251.2	2339.7	2417.7	2468.3
-60°	1356.1	1449.0	1543.3	1627.3	1706.4	1780.7	1862.4	1939.8	2011.2	2071.2	2106.3
-62.5°	1187.0	1270.3	1339.9	1406.3	1473.6	1540.5	1598.6	1655.7	1710.8	1757.3	1787.8
-65°	1010.1	1080.7	1139.9	1193.3	1241.5	1293.3	1342.9	1387.7	1427.5	1457.7	1477.1
-67.5°	851.9	903.8	951.3	993.7	1036.7	1078.3	1116.4	1150.4	1180.3	1201.4	1215.3
-70°	714.5	754.1	793.0	831.5	869.8	902.2	929.8	955.2	978.3	987.9	992.2
-72.5°	593.7	628.9	663.0	697.1	728.9	754.2	774.5	793.1	809.9	795.5	770.2
-75°	484.2	515.2	547.0	577.0	605.2	624.5	639.6	653.5	666.1	634.8	591.8
-77.5°	394.6	421.8	445.4	468.8	492.0	504.3	513.9	523.3	532.3	497.4	453.2
-80°	292.7	314.7	334.7	354.4	373.8	381.1	385.3	388.2	389.8	359.9	325.3
-82.5°	197.7	209.1	220.2	231.6	243.4	249.6	254.2	257.8	260.3	239.1	215.1
-85°	110.8	114.3	116.9	119.3	121.2	125.0	128.7	132.1	135.2	125.1	114.0
-87.5°	38.1	38.1	37.9	37.7	37.3	37.3	37.3	37.2	37.0	35.4	33.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.4	2.6	2.7	2.7	2.7	2.6	2.4	2.2	1.9	1.8	1.9
60°	5.4	3.3	2.7	2.7	2.7	3.3	5.4	7.0	8.0	10.5	11.3
57.5°	54.4	47.5	42.6	38.3	42.6	47.5	54.4	58.4	58.6	75.9	78.2
55°	362.5	337.6	307.0	271.0	307.0	337.6	362.5	369.2	353.7	323.0	291.5
52.5°	711.1	734.7	748.4	747.2	748.4	734.7	711.1	686.7	663.6	631.6	603.4
50°	936.0	948.9	949.5	938.8	949.5	948.9	936.0	914.8	888.3	851.4	792.2
47.5°	1371.4	1353.4	1322.5	1289.2	1322.5	1353.4	1371.4	1354.5	1317.2	1239.6	1091.4
45°	2393.0	2450.7	2446.9	2373.1	2446.9	2450.7	2393.0	2288.4	2129.3	1984.7	1879.6
42.5°	3270.3	3356.7	3417.8	3448.8	3417.8	3356.7	3270.3	3164.5	2975.0	2755.4	2521.9
40°	4119.1	4202.5	4239.2	4237.1	4239.2	4202.5	4119.1	3977.3	3725.5	3423.4	3147.9
37.5°	5016.0	5124.0	5176.3	5151.3	5176.3	5124.0	5016.0	4870.3	4645.5	4280.7	3970.3
35°	6249.4	6350.4	6352.3	6300.9	6352.3	6350.4	6249.4	6155.1	5937.0	5477.6	5250.9
32.5°	8975.5	9009.3	8749.7	8657.6	8749.7	9009.3	8975.5	8594.5	8114.5	7653.1	7142.4
30°	11460.4	11700.0	11922.9	12035.3	11922.9	11700.0	11460.4	11154.0	10846.0	9967.0	9166.0
27.5°	13122.8	13411.0	13589.6	13600.9	13589.6	13411.0	13122.8	12752.8	12261.9	11530.4	10663.6
25°	14634.8	14957.2	15151.9	15218.6	15151.9	14957.2	14634.8	14201.3	13629.0	12876.3	11922.4
22.5°	16218.9	16598.8	16850.4	16902.0	16850.4	16598.8	16218.9	15689.8	15066.3	14285.5	13199.9
20°	18056.9	18499.0	18740.2	18730.4	18740.2	18499.0	18056.9	17378.7	16659.9	15729.7	14547.6
17.5°	20476.5	20950.6	21159.0	21067.9	21159.0	20950.6	20476.5	19601.4	18839.3	17725.3	16413.5
15°	24647.3	25639.2	25635.2	25239.4	25635.2	25639.2	24647.3	23645.9	22670.3	21248.2	19700.9
12.5°	29792.0	30531.2	31289.6	31452.7	31289.6	30531.2	29792.0	28295.2	27209.8	25008.0	23205.8
10°	32295.4	33277.1	33925.0	33907.9	33925.0	33277.1	32295.4	30871.9	29181.9	27291.3	24883.2
7.5°	33861.6	34946.2	35731.3	35714.5	35731.3	34946.2	33861.6	32415.0	30557.7	28445.9	25967.6
5°	35070.2	36273.2	36968.6	37020.1	36968.6	36273.2	35070.2	33445.5	31545.3	29282.0	26751.0
2.5°	35698.2	36953.7	37789.9	37679.7	37789.9	36953.7	35698.2	34098.4	32204.3	29874.3	27305.3
0°	35960.8	37203.5	37983.6	38320.2	37983.6	37203.5	35960.8	34367.8	32418.9	30166.2	27576.9
-2.5°	35846.1	37055.3	37917.5	37950.7	37917.5	37055.3	35846.1	34251.9	32285.6	30042.0	27505.3
-5°	35231.9	36508.0	37085.5	37392.3	37085.5	36508.0	35231.9	33652.5	31759.4	29575.8	27156.5
-7.5°	34241.5	35197.7	35931.4	36270.1	35931.4	35197.7	34241.5	32724.9	30918.2	28824.0	26450.6
-10°	32700.0	33689.9	34309.8	34589.5	34309.8	33689.9	32700.0	31397.5	29726.8	27790.1	25564.4
-12.5°	30992.2	31891.9	32481.3	32717.3	32481.3	31891.9	30992.2	29755.4	28256.4	26488.3	24459.6
-15°	29086.9	29903.7	30446.3	30672.6	30446.3	29903.7	29086.9	27909.7	26540.4	24972.4	23101.4
-17.5°	26989.5	27705.4	28246.0	28409.0	28246.0	27705.4	26989.5	25942.4	24690.2	23297.3	21701.5
-20°	24832.9	25480.0	25925.2	26022.2	25925.2	25480.0	24832.9	23959.1	22813.3	21547.7	20153.1



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22659.9	23192.9	23554.5	23676.4	23554.5	23192.9	22659.9	21945.1	20949.4	19866.7	18562.3
-25°	20536.2	20996.3	21287.4	21396.4	21287.4	20996.3	20536.2	19902.9	19080.1	18140.1	16992.0
-27.5°	18493.7	18922.6	19190.1	19225.8	19190.1	18922.6	18493.7	17935.9	17244.5	16379.0	15348.3
-30°	16484.1	16838.4	17044.5	17131.9	17044.5	16838.4	16484.1	16019.4	15421.9	14660.6	13760.9
-32.5°	14606.0	14915.5	15100.7	15150.2	15100.7	14915.5	14606.0	14204.6	13697.8	13033.1	12185.3
-35°	12833.0	13118.8	13283.0	13269.8	13283.0	13118.8	12833.0	12454.1	11977.4	11396.6	10640.8
-37.5°	11075.5	11339.2	11488.1	11474.2	11488.1	11339.2	11075.5	10723.5	10297.8	9791.1	9117.2
-40°	9331.9	9559.4	9690.6	9722.4	9690.6	9559.4	9331.9	9014.8	8629.0	8155.4	7605.4
-42.5°	7661.4	7871.4	7976.4	7935.0	7976.4	7871.4	7661.4	7389.1	7061.4	6665.1	6242.9
-45°	6147.5	6256.1	6327.6	6372.1	6327.6	6256.1	6147.5	5984.1	5750.6	5453.8	5111.8
-47.5°	5042.5	5132.5	5181.2	5189.7	5181.2	5132.5	5042.5	4915.1	4741.0	4524.0	4273.4
-50°	4185.6	4262.3	4296.1	4286.4	4296.1	4262.3	4185.6	4085.8	3957.3	3792.2	3601.9
-52.5°	3485.8	3530.2	3560.1	3574.7	3560.1	3530.2	3485.8	3422.5	3334.6	3204.5	3055.6
-55°	2946.5	2981.1	3001.3	3008.1	3001.3	2981.1	2946.5	2897.3	2831.8	2728.4	2613.6
-57.5°	2510.5	2543.4	2555.4	2551.0	2555.4	2543.4	2510.5	2468.3	2417.7	2339.7	2251.2
-60°	2133.2	2152.0	2166.1	2173.3	2166.1	2152.0	2133.2	2106.3	2071.2	2011.2	1939.8
-62.5°	1812.1	1829.8	1844.5	1853.1	1844.5	1829.8	1812.1	1787.8	1757.3	1710.8	1655.7
-65°	1490.6	1498.4	1500.6	1497.2	1500.6	1498.4	1490.6	1477.1	1457.7	1427.5	1387.7
-67.5°	1225.6	1232.1	1236.5	1237.2	1236.5	1232.1	1225.6	1215.3	1201.4	1180.3	1150.4
-70°	996.3	999.1	995.9	988.1	995.9	999.1	996.3	992.2	987.9	978.3	955.2
-72.5°	744.3	717.0	689.8	659.7	689.8	717.0	744.3	770.2	795.5	809.9	793.1
-75°	547.2	501.0	484.3	468.1	484.3	501.0	547.2	591.8	634.8	666.1	653.5
-77.5°	407.0	358.9	346.1	333.9	346.1	358.9	407.0	453.2	497.4	532.3	523.3
-80°	289.1	251.6	243.4	235.4	243.4	251.6	289.1	325.3	359.9	389.8	388.2
-82.5°	190.0	163.8	158.6	153.3	158.6	163.8	190.0	215.1	239.1	260.3	257.8
-85°	102.2	89.9	87.5	84.9	87.5	89.9	102.2	114.0	125.1	135.2	132.1
-87.5°	31.9	30.0	30.1	30.1	30.1	30.0	31.9	33.7	35.4	37.0	37.2
-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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.1	2.1	2.0	1.9
85°	0.0	0.0	0.0	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7
82.5°	0.0	0.0	0.1	0.7	1.4	2.1	2.7	2.7	2.7	2.7	2.7
80°	0.0	0.0	0.1	0.8	1.5	2.1	2.7	2.7	2.7	2.7	2.7
77.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.7	2.7	2.7	2.7	2.7
75°	0.0	0.0	0.2	0.9	1.6	2.3	2.7	2.7	2.7	2.7	2.7
72.5°	0.0	0.0	0.2	0.8	1.6	2.4	2.7	2.7	2.7	2.7	2.7
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.6	2.2	2.6	2.7	2.7
67.5°	0.0	0.0	0.5	1.1	1.4	1.4	1.2	1.4	2.1	2.7	2.7
65°	0.7	0.5	0.6	1.3	2.0	2.7	2.8	2.5	2.4	2.8	2.7
62.5°	2.2	2.7	2.5	2.3	2.4	3.4	3.5	3.7	3.4	4.2	6.2
60°	8.9	4.5	9.7	11.4	9.0	8.8	15.4	14.5	5.6	20.5	24.8
57.5°	60.0	55.3	79.3	77.0	46.0	65.8	78.6	52.7	36.6	58.3	70.2
55°	262.1	256.2	249.5	235.1	215.6	200.8	198.0	197.6	156.9	113.8	129.0
52.5°	574.4	511.3	466.3	444.3	412.8	365.2	327.0	319.5	309.9	256.4	211.8
50°	737.9	726.4	677.7	602.7	595.8	548.0	481.6	435.7	429.8	393.2	325.7
47.5°	1060.1	1060.0	959.9	868.7	842.1	800.5	716.4	592.6	581.3	550.2	474.9
45°	1717.8	1598.4	1542.6	1366.8	1175.6	1101.9	1031.9	883.0	761.3	713.5	660.5
42.5°	2327.5	2150.1	2003.3	1827.1	1616.5	1432.1	1300.5	1137.0	990.0	888.3	812.4
40°	2897.9	2611.9	2408.6	2186.7	1957.7	1729.3	1566.4	1360.8	1193.3	1056.8	976.5
37.5°	3611.1	3217.7	2992.1	2646.6	2357.8	2121.9	1913.3	1651.5	1382.4	1271.3	1171.7
35°	4660.5	4194.8	3930.9	3510.7	2926.8	2718.0	2446.1	2054.2	1713.6	1523.4	1400.3
32.5°	6543.2	5847.2	5361.3	4800.2	4027.1	3477.2	3116.0	2680.0	2134.4	1860.7	1656.7
30°	8455.6	7514.5	6833.8	6263.9	5236.6	4426.2	3868.6	3251.6	2663.5	2218.9	1942.0
27.5°	9750.9	8826.1	7978.4	7159.8	6327.7	5386.7	4551.7	3759.4	3116.5	2619.3	2261.4
25°	10887.4	9841.5	8886.8	7999.7	7110.5	6196.0	5184.8	4294.5	3539.6	2970.9	2503.9
22.5°	12012.7	10900.4	9818.5	8786.8	7884.4	6906.1	5837.7	4813.3	3945.8	3356.8	2795.5
20°	13288.3	12007.4	10758.5	9783.2	8755.9	7639.9	6451.7	5475.1	4625.0	3817.9	3114.6
17.5°	15113.8	13402.2	12254.9	11156.2	9821.6	8457.7	7426.2	6402.3	5355.6	4305.2	3449.1
15°	17586.6	15818.4	14503.9	12998.4	11165.6	9757.2	8623.0	7379.6	6139.8	4881.9	3847.6
12.5°	20526.5	18381.3	16833.0	14689.5	12626.9	11103.6	9820.7	8429.1	6906.0	5403.3	4218.1
10°	22376.6	20064.1	17859.3	15800.8	13918.5	12349.7	10738.7	9039.2	7345.3	5796.6	4538.6
7.5°	23359.4	20894.7	18619.2	16560.9	14640.3	12824.2	11108.3	9397.0	7698.5	6103.9	4809.5
5°	24012.7	21511.3	19135.0	16934.6	14970.8	13142.8	11384.6	9639.3	7964.3	6330.4	5031.0
2.5°	24494.4	21912.6	19465.9	17151.6	15155.0	13334.9	11560.1	9780.6	8103.0	6451.9	5108.3
0°	24733.0	22039.6	19587.1	17296.1	15240.5	13376.5	11627.5	9831.9	8134.8	6503.5	5140.4
-2.5°	24685.1	21959.2	19483.7	17291.7	15246.1	13337.7	11636.6	9859.7	8143.7	6542.2	5163.1
-5°	24431.2	21822.3	19365.5	17170.4	15155.8	13245.7	11545.3	9799.4	8079.8	6511.4	5141.5
-7.5°	23916.8	21411.2	19028.1	16892.1	14923.7	13055.9	11360.1	9651.4	7950.4	6405.2	5077.3
-10°	23143.6	20754.3	18487.6	16466.6	14548.6	12745.4	11085.3	9401.4	7736.9	6230.7	4966.1
-12.5°	22186.3	19930.4	17769.3	15888.0	14057.0	12335.0	10713.3	9048.9	7440.0	5988.4	4807.6
-15°	21016.3	18991.6	17037.4	15212.9	13481.3	11814.0	10230.1	8609.9	7062.7	5676.4	4601.8
-17.5°	19829.7	17950.3	16116.8	14385.7	12780.5	11197.0	9660.9	8122.0	6641.5	5340.0	4360.9
-20°	18509.0	16773.2	15077.4	13506.9	12010.4	10506.4	9026.2	7546.3	6159.2	5025.1	4147.7



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17075.4	15525.2	13989.8	12573.5	11173.1	9731.5	8314.8	6917.7	5601.8	4672.0	3905.9
-25°	15624.0	14215.9	12840.0	11536.5	10223.4	8862.1	7553.1	6277.6	5189.7	4338.6	3644.8
-27.5°	14166.7	12891.9	11622.2	10417.3	9181.2	7981.8	6785.6	5629.4	4743.5	4019.8	3401.4
-30°	12726.3	11574.5	10412.5	9262.1	8143.6	7048.3	5979.0	5103.1	4333.0	3679.0	3129.2
-32.5°	11242.3	10240.4	9181.7	8103.2	7087.9	6120.9	5308.5	4570.4	3904.7	3365.2	2886.9
-35°	9799.2	8877.5	7903.3	6976.8	6078.0	5353.9	4665.9	4062.3	3529.9	3052.2	2645.3
-37.5°	8325.7	7493.9	6688.5	5911.6	5270.0	4657.6	4113.5	3620.6	3160.7	2780.6	2430.4
-40°	6937.4	6213.1	5634.5	5062.9	4554.3	4064.9	3635.3	3211.9	2856.7	2522.3	2220.8
-42.5°	5748.9	5240.5	4775.4	4344.2	3926.9	3565.6	3203.1	2873.5	2563.5	2283.3	2032.8
-45°	4787.8	4424.7	4046.4	3729.8	3407.6	3119.5	2829.9	2558.4	2298.0	2069.3	1847.2
-47.5°	4026.9	3756.6	3471.8	3217.6	2976.4	2729.4	2503.7	2269.6	2067.7	1864.1	1678.9
-50°	3405.8	3205.9	2997.5	2791.9	2602.4	2400.8	2213.6	2029.5	1851.8	1682.9	1514.3
-52.5°	2893.8	2749.1	2594.9	2431.4	2280.4	2123.4	1959.9	1811.8	1658.6	1509.8	1362.4
-55°	2487.9	2372.6	2255.6	2132.0	2006.0	1877.3	1743.7	1610.7	1478.9	1343.3	1232.1
-57.5°	2154.5	2057.4	1964.5	1866.3	1763.4	1654.4	1540.8	1421.9	1314.1	1211.6	1110.6
-60°	1862.4	1780.7	1706.4	1627.3	1543.3	1449.0	1356.1	1262.8	1169.3	1080.3	993.7
-62.5°	1598.6	1540.5	1473.6	1406.3	1339.9	1270.3	1187.0	1104.6	1025.4	949.0	877.6
-65°	1342.9	1293.3	1241.5	1193.3	1139.9	1080.7	1010.1	945.8	883.6	820.7	761.6
-67.5°	1116.4	1078.3	1036.7	993.7	951.3	903.8	851.9	798.5	748.6	697.2	653.0
-70°	929.8	902.2	869.8	831.5	793.0	754.1	714.5	672.4	627.1	580.9	545.4
-72.5°	774.5	754.2	728.9	697.1	663.0	628.9	593.7	556.5	516.4	473.6	439.5
-75°	639.6	624.5	605.2	577.0	547.0	515.2	484.2	450.2	411.3	367.4	332.9
-77.5°	513.9	504.3	492.0	468.8	445.4	421.8	394.6	354.8	315.5	278.1	252.6
-80°	385.3	381.1	373.8	354.4	334.7	314.7	292.7	262.5	233.7	206.7	186.0
-82.5°	254.2	249.6	243.4	231.6	220.2	209.1	197.7	177.4	157.5	138.0	121.2
-85°	128.7	125.0	121.2	119.3	116.9	114.3	110.8	99.1	88.0	77.4	68.0
-87.5°	37.3	37.3	37.3	37.7	37.9	38.1	38.1	35.2	32.5	29.7	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	1.8	1.7	1.6	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.3	2.1	1.8	1.6
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.4
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
72.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
70°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	2.7	2.7	2.7
67.5°	2.7	2.7	2.7	2.8	2.7	2.7	2.7	3.4	3.5	2.7	2.7
65°	2.7	2.7	2.8	4.0	3.7	2.7	2.7	5.2	4.5	3.9	2.7
62.5°	5.3	2.7	7.1	9.5	6.1	4.9	4.0	11.4	7.3	5.2	3.7
60°	12.4	10.1	19.1	29.2	21.0	8.2	11.9	19.6	18.1	6.6	5.2
57.5°	63.4	28.9	42.8	55.6	53.0	29.8	24.1	33.5	30.5	17.8	7.0
55°	131.4	111.8	89.0	88.4	89.5	70.7	50.3	52.0	46.0	32.7	10.4
52.5°	199.7	193.6	172.4	140.5	128.9	116.5	95.3	73.6	68.3	48.9	25.7
50°	284.8	269.2	252.4	219.7	178.1	161.7	139.9	112.4	93.0	68.3	42.6
47.5°	382.0	354.9	329.6	297.9	252.4	209.4	185.0	152.6	120.2	93.7	59.6
45°	533.8	445.7	411.4	374.7	328.0	274.3	232.1	192.2	155.7	119.3	76.7
42.5°	689.7	567.1	495.3	453.9	404.9	344.5	281.0	236.3	190.8	144.9	96.9
40°	846.6	694.9	586.0	534.4	484.6	414.5	343.2	282.2	225.1	171.4	119.0
37.5°	1016.1	837.8	690.6	618.1	565.5	489.8	406.6	329.1	260.3	200.1	140.9
35°	1227.1	1007.4	804.4	714.8	644.3	566.7	469.1	380.1	302.3	229.0	162.4
32.5°	1464.3	1194.5	967.5	820.3	724.3	645.0	535.8	437.6	345.5	257.9	183.6
30°	1700.2	1387.1	1122.3	924.8	809.4	718.2	606.9	495.5	389.6	286.7	205.1
27.5°	1880.4	1553.3	1267.3	1050.3	903.6	791.2	677.8	553.5	434.4	318.4	228.6
25°	2064.3	1707.3	1407.8	1173.3	995.9	865.6	745.9	611.6	482.1	354.9	251.6
22.5°	2279.2	1853.5	1526.4	1284.3	1093.7	941.1	810.8	670.6	530.4	391.1	274.0
20°	2489.4	1988.3	1635.6	1413.9	1200.6	1025.5	874.6	726.7	577.6	426.6	295.7
17.5°	2704.8	2177.6	1816.6	1548.0	1310.9	1108.8	937.5	779.9	623.5	461.3	316.5
15°	3029.5	2430.7	1999.3	1680.5	1417.6	1190.5	999.2	830.1	667.7	494.7	335.0
12.5°	3335.5	2668.9	2176.4	1809.9	1520.0	1269.7	1058.9	877.0	709.9	522.4	350.4
10°	3606.0	2890.7	2346.1	1934.8	1617.3	1345.7	1116.3	913.9	734.8	544.6	364.2
7.5°	3841.4	3094.2	2506.2	2053.6	1700.3	1397.1	1145.5	933.2	753.8	564.1	376.4
5°	4021.5	3232.6	2594.2	2101.1	1731.5	1420.7	1166.3	948.8	768.9	580.7	386.8
2.5°	4081.1	3278.7	2628.9	2127.9	1754.2	1437.6	1182.3	960.8	780.4	594.3	395.5
0°	4108.5	3301.0	2646.8	2143.2	1768.2	1448.0	1193.4	969.0	788.3	604.9	402.4
-2.5°	4138.7	3331.4	2671.9	2167.0	1782.9	1462.1	1205.1	981.8	799.7	616.7	414.0
-5°	4136.6	3337.1	2680.0	2178.5	1788.7	1469.7	1211.8	990.9	807.9	625.4	423.7
-7.5°	4092.9	3311.2	2669.7	2176.2	1785.5	1470.6	1213.7	996.3	813.0	630.9	431.3
-10°	4014.7	3257.5	2639.6	2156.5	1773.7	1464.1	1210.7	998.0	815.0	633.2	436.7
-12.5°	3904.5	3181.1	2591.3	2124.3	1752.7	1450.4	1201.9	993.3	813.7	632.5	439.7
-15°	3762.9	3082.7	2524.5	2079.6	1722.2	1430.0	1187.7	983.7	806.7	627.9	440.4
-17.5°	3591.8	2963.2	2439.2	2022.7	1682.2	1402.9	1168.1	970.4	797.0	619.8	439.5
-20°	3433.0	2837.3	2340.8	1953.7	1632.9	1369.2	1143.2	953.3	785.0	609.6	437.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3255.4	2706.6	2253.6	1887.5	1580.6	1329.1	1112.9	932.6	770.7	597.6	433.5
-25°	3052.2	2558.5	2153.9	1813.9	1529.8	1290.6	1081.8	908.4	754.3	583.9	427.7
-27.5°	2861.1	2405.8	2042.2	1728.9	1471.1	1246.4	1051.0	885.9	735.3	568.7	420.2
-30°	2666.3	2272.7	1935.2	1639.9	1406.4	1197.0	1016.4	861.8	714.0	555.2	410.8
-32.5°	2468.2	2127.8	1820.5	1562.8	1343.7	1143.9	978.6	836.0	691.7	542.0	403.1
-35°	2298.0	1985.1	1697.4	1479.9	1279.4	1098.7	940.9	808.5	668.6	527.0	394.7
-37.5°	2116.8	1840.3	1601.5	1397.5	1210.5	1049.3	904.7	776.3	645.0	510.2	384.6
-40°	1954.5	1705.4	1498.3	1317.9	1148.5	996.0	864.4	741.8	622.9	491.8	372.7
-42.5°	1789.3	1582.7	1397.7	1232.1	1086.2	947.0	820.5	705.1	594.2	474.7	359.1
-45°	1644.7	1457.0	1293.6	1154.3	1021.1	893.7	777.5	666.9	563.5	457.2	344.9
-47.5°	1495.1	1335.9	1196.4	1073.0	957.0	838.4	732.3	631.6	531.7	437.6	330.4
-50°	1355.7	1221.1	1105.1	994.5	886.2	786.6	687.0	595.2	502.8	411.8	314.1
-52.5°	1231.7	1119.5	1016.3	915.6	822.6	732.5	646.4	558.3	472.5	386.2	296.1
-55°	1122.0	1022.1	929.1	842.0	758.8	684.3	605.0	523.5	441.1	359.9	276.8
-57.5°	1017.1	927.1	848.1	770.6	699.6	634.9	564.5	487.4	409.3	332.1	259.6
-60°	911.5	839.1	768.8	703.8	642.4	583.7	523.9	450.2	376.4	303.6	238.9
-62.5°	810.4	749.6	695.6	638.3	582.1	530.4	481.9	411.8	342.1	275.5	215.9
-65°	711.1	664.6	621.0	567.3	518.3	475.2	435.0	372.0	306.0	245.5	191.9
-67.5°	612.9	574.6	535.5	492.0	455.6	420.4	384.8	327.8	267.9	213.8	167.7
-70°	513.7	481.2	453.3	425.6	395.5	364.5	328.9	280.3	227.9	183.9	142.6
-72.5°	416.5	396.5	379.9	360.4	334.9	305.4	272.1	232.4	191.7	153.1	116.8
-75°	320.8	316.6	311.6	299.1	274.5	247.0	220.1	189.7	154.7	121.5	95.1
-77.5°	252.6	251.0	247.5	238.7	217.2	194.8	171.4	145.9	119.3	96.5	74.8
-80°	187.1	186.9	185.2	179.8	161.5	142.5	126.3	109.9	90.4	71.7	54.0
-82.5°	123.0	124.8	125.6	124.0	111.5	99.4	87.7	76.0	61.0	46.6	36.1
-85°	70.2	71.5	71.9	71.0	63.4	56.0	51.1	46.1	38.1	30.8	24.2
-87.5°	29.1	30.8	32.1	33.0	30.5	28.0	25.6	23.1	19.1	15.4	12.1
-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: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
82.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
80°	2.7	2.3	1.9	1.4	0.9	0.5	0.0
77.5°	2.7	2.7	2.3	1.7	1.2	0.6	0.0
75°	2.7	2.7	2.7	2.1	1.4	0.7	0.0
72.5°	2.7	2.7	2.7	2.4	1.6	0.8	0.0
70°	2.7	2.7	2.7	2.7	1.8	0.9	0.0
67.5°	2.9	2.7	2.7	2.7	2.1	1.0	0.0
65°	3.3	3.0	2.7	2.7	2.3	1.1	0.0
62.5°	3.7	3.6	2.7	2.7	2.5	1.2	0.0
60°	4.2	4.3	2.7	2.7	2.7	1.3	0.0
57.5°	7.4	5.1	3.5	2.7	2.7	1.5	0.0
55°	11.3	6.0	4.3	2.7	2.8	1.5	0.0
52.5°	15.8	7.5	5.2	2.7	2.8	1.6	0.0
50°	20.9	12.3	6.1	2.7	2.9	1.7	0.0
47.5°	27.8	17.3	7.0	2.9	3.0	1.8	0.0
45°	42.6	22.7	8.0	3.6	3.0	1.9	0.0
42.5°	57.4	28.4	9.0	4.4	3.1	2.0	0.0
40°	72.1	34.4	11.9	5.4	3.2	2.1	0.0
37.5°	86.7	40.7	16.6	6.5	3.3	2.1	0.0
35°	101.1	50.6	21.3	7.8	3.5	2.2	0.0
32.5°	116.4	62.0	26.1	9.2	3.6	2.3	0.0
30°	133.5	73.1	30.9	10.7	3.7	2.3	0.0
27.5°	150.1	83.9	36.5	12.2	3.9	2.4	0.0
25°	166.1	94.3	42.0	13.9	4.0	2.4	0.0
22.5°	181.5	104.5	47.4	15.5	4.2	2.5	0.0
20°	196.1	114.3	52.6	17.3	4.3	2.5	0.0
17.5°	209.6	123.6	57.6	19.0	4.5	2.6	0.0
15°	222.0	132.3	62.4	20.7	4.6	2.6	0.0
12.5°	233.4	140.3	66.9	22.5	4.8	2.6	0.0
10°	243.7	147.6	71.2	24.1	4.9	2.7	0.0
7.5°	253.0	154.3	75.1	25.8	5.1	2.7	0.0
5°	261.0	160.2	78.8	27.3	5.2	2.7	0.0
2.5°	268.0	165.3	82.0	28.8	5.4	2.7	0.0
0°	273.7	169.7	84.9	30.1	5.5	2.7	0.0
-2.5°	281.1	175.0	88.8	32.0	6.3	2.9	0.0
-5°	287.3	179.5	92.2	33.8	7.1	3.0	0.0
-7.5°	292.2	183.2	95.1	35.3	7.9	3.2	0.0
-10°	295.7	185.9	97.5	36.7	8.7	3.4	0.0
-12.5°	297.7	187.7	99.3	37.9	9.4	3.5	0.0
-15°	298.4	188.6	100.5	38.9	10.1	3.6	0.0
-17.5°	297.5	188.5	101.0	39.6	10.7	3.8	0.0
-20°	296.7	187.4	100.9	40.1	11.3	3.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	296.8	185.3	100.1	40.4	11.8	3.9	0.0
-25°	295.5	184.7	98.5	40.3	12.2	4.0	0.0
-27.5°	292.7	183.9	96.2	40.1	12.6	4.1	0.0
-30°	288.4	181.9	93.5	39.5	12.9	4.1	0.0
-32.5°	282.6	178.8	92.3	38.6	13.1	4.1	0.0
-35°	277.1	174.5	90.4	37.5	13.2	4.1	0.0
-37.5°	270.8	169.8	87.6	36.1	13.2	4.1	0.0
-40°	263.0	165.7	84.2	34.4	13.2	4.1	0.0
-42.5°	253.7	160.5	81.6	32.8	13.1	4.0	0.0
-45°	242.9	154.2	80.0	31.5	12.9	4.0	0.0
-47.5°	230.6	146.9	77.6	29.8	12.6	3.9	0.0
-50°	219.8	138.6	74.3	29.3	12.2	3.8	0.0
-52.5°	208.3	129.3	70.3	28.9	11.7	3.6	0.0
-55°	195.4	121.7	65.4	28.1	11.1	3.5	0.0
-57.5°	181.3	113.4	59.8	27.0	10.5	3.3	0.0
-60°	166.3	104.0	53.6	25.5	9.8	3.1	0.0
-62.5°	151.7	93.6	49.9	23.7	9.2	2.9	0.0
-65°	135.7	82.1	45.6	21.6	8.6	2.7	0.0
-67.5°	118.4	71.9	40.8	19.2	7.9	2.5	0.0
-70°	99.8	63.0	35.5	16.6	7.1	2.2	0.0
-72.5°	84.8	53.5	29.7	14.6	6.3	2.0	0.0
-75°	69.6	43.3	23.6	12.7	5.5	1.7	0.0
-77.5°	53.7	32.7	19.5	10.8	4.6	1.5	0.0
-80°	37.1	25.0	15.8	8.7	3.7	1.2	0.0
-82.5°	27.3	18.9	12.0	6.6	2.8	0.9	0.0
-85°	18.3	12.7	8.0	4.4	1.9	0.6	0.0
-87.5°	9.2	6.4	4.0	2.2	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)