

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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627882 (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-SA6C-735-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

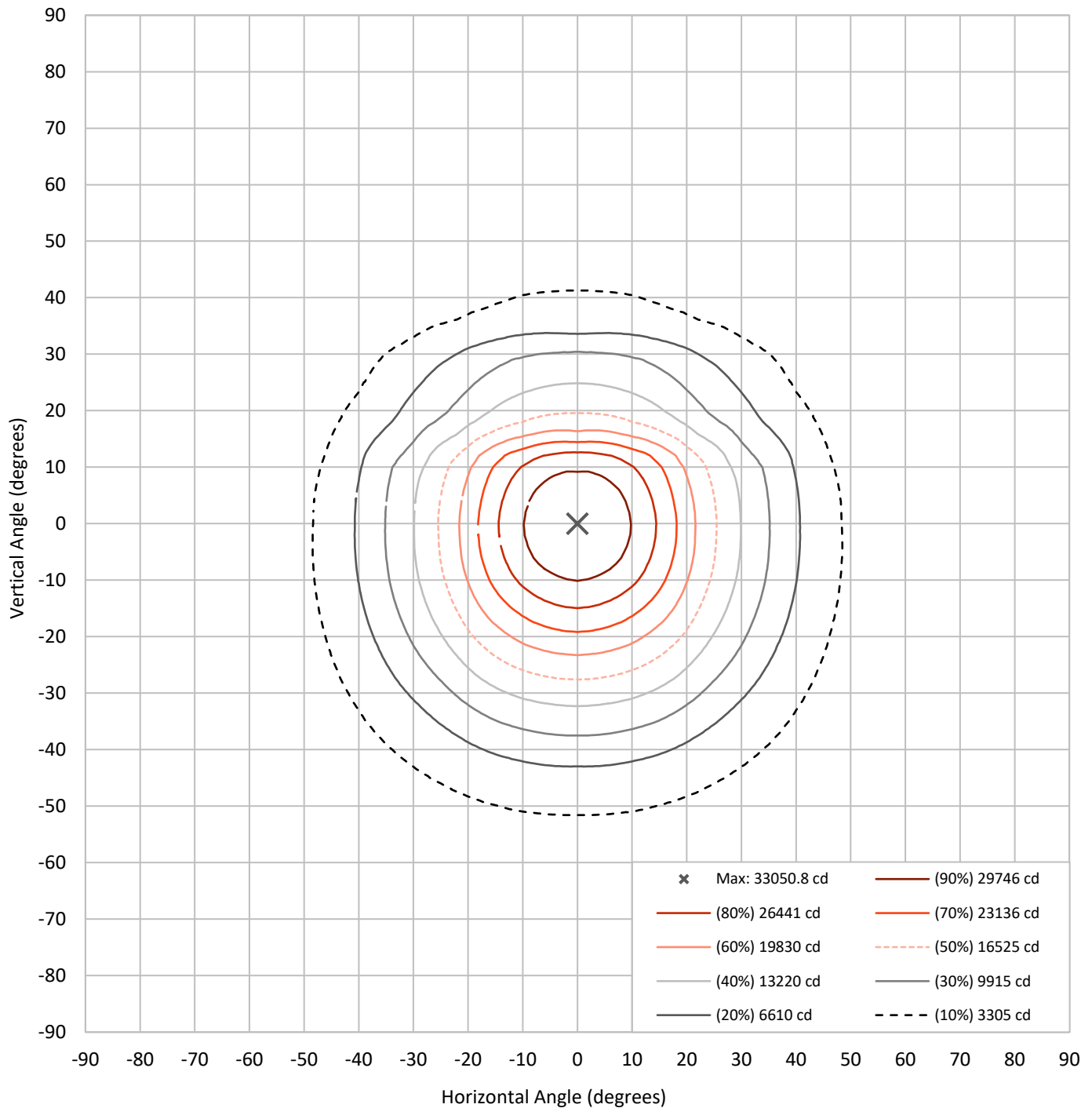
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	29158 lumens	Max Intensity:	33050.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.8 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:	14038.2 lumens	Field Lumens:	26106.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	247.5		
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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-WR-VSR-XX

Iso-Candela Plot





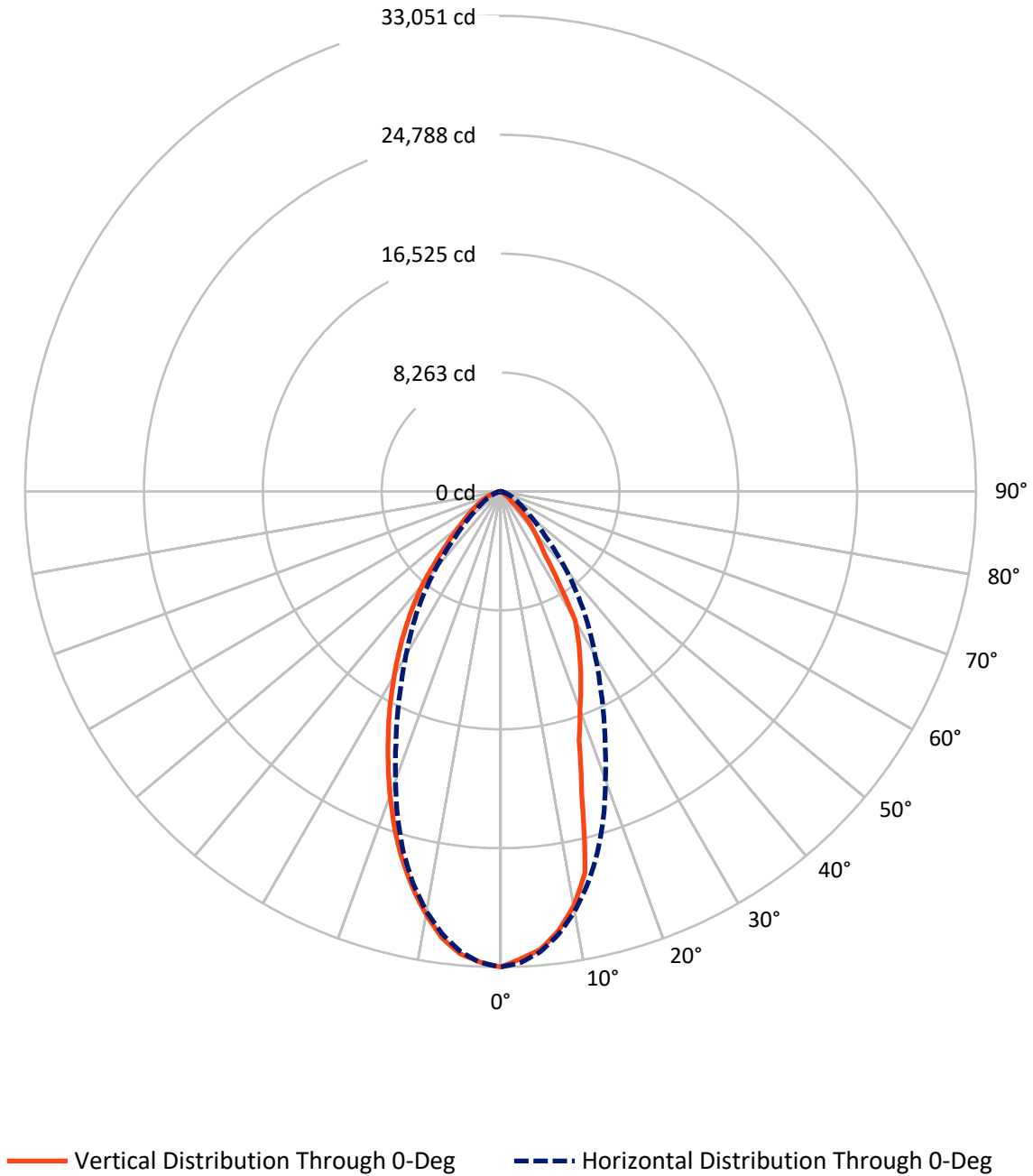
REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.6	1.5	2.8	4.6	6.7	9.2	10.3	10.3	9.2	6.7	4.6	2.8	1.5	0.6				
40	1.2	2.2	5.7	11.8	21.7	35.6	51.4	63.0	63.0	51.4	35.6	21.7	11.8	5.7	2.2	1.2			
30		4.4	11.4	26.4	54.4	100.0	152.9	183.9	183.9	152.9	100.0	54.4	26.4	11.4	4.4				
20	3.2	7.0	18.5	47.9	113.3	212.7	323.6	390.1	390.1	323.6	212.7	113.3	47.9	18.5	7.0	3.2			
10		9.5	26.3	75.0	186.3	344.6	538.4	665.6	665.6	538.4	344.6	186.3	75.0	26.3	9.5				
0	4.5	11.0	33.1	97.1	244.7	456.0	732.2	928.4	928.4	732.2	456.0	244.7	97.1	33.1	11.0	4.5			
-10		11.5	34.4	100.2	248.2	462.6	739.6	934.2	934.2	739.6	462.6	248.2	100.2	34.4	11.5				
-20	4.8	11.3	32.6	89.3	219.9	406.2	626.2	772.7	772.7	626.2	406.2	219.9	89.3	32.6	11.3	4.8			
-30		10.4	28.2	69.9	164.1	306.2	456.4	547.3	547.3	456.4	306.2	164.1	69.9	28.2	10.4				
-40	4.1	9.1	22.9	50.5	103.3	190.0	286.7	341.2	341.2	286.7	190.0	103.3	50.5	22.9	9.1	4.1			
-50		7.6	17.7	34.9	62.1	99.5	142.7	169.8	169.8	142.7	99.5	62.1	34.9	17.7	7.6				
-60	2.6	5.9	12.9	23.2	37.9	54.5	70.5	79.8	79.8	70.5	54.5	37.9	23.2	12.9	5.9	2.6			
-70		4.1	8.6	14.3	22.0	30.0	36.7	40.0	40.0	36.7	30.0	22.0	14.3	8.6	4.1				
-80	0.7	8.3		21.4		38.3		34.9		38.3		21.4		8.3		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

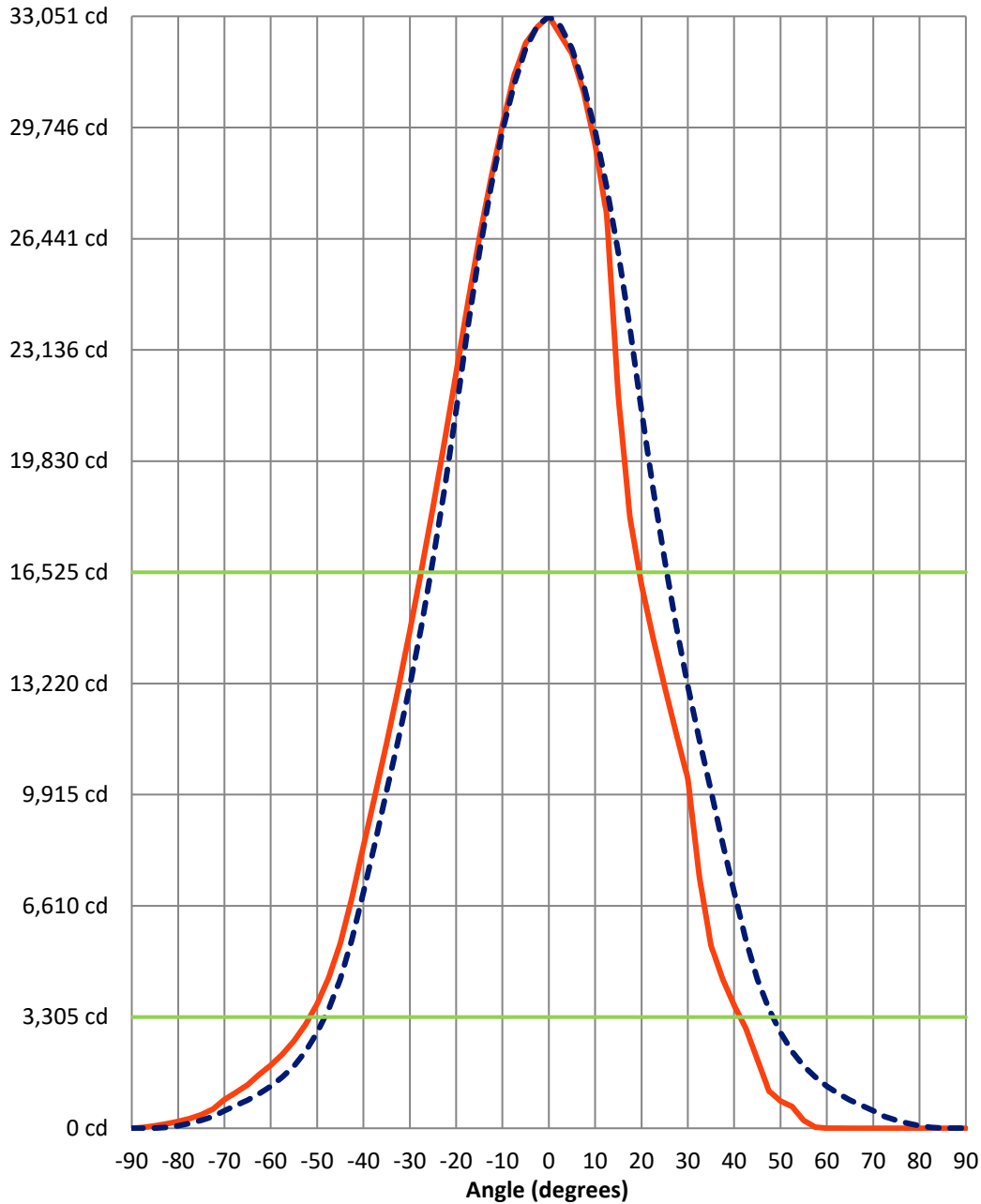
REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 14038.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 26106.3
 Efficiency: 89.5%

Spill:
 Lumens: 3051.7
 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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.8	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6
67.5°	0.0	0.9	1.8	2.4	2.4	2.4	2.6	2.4	2.4	3.1	3.0
65°	0.0	1.0	2.0	2.4	2.4	2.7	2.9	2.4	3.4	3.9	4.6
62.5°	0.0	1.1	2.2	2.4	2.4	3.2	3.3	3.2	4.5	6.4	9.9
60°	0.0	1.2	2.4	2.4	2.4	3.8	3.7	4.5	5.7	15.6	16.9
57.5°	0.0	1.3	2.4	2.4	3.0	4.5	6.4	6.1	15.4	26.4	29.0
55°	0.0	1.4	2.5	2.4	3.8	5.2	9.8	9.0	28.2	39.7	44.9
52.5°	0.0	1.5	2.5	2.4	4.5	6.5	13.7	22.2	42.2	59.0	63.5
50°	0.0	1.5	2.6	2.4	5.3	10.6	18.0	36.7	58.9	80.3	97.0
47.5°	0.0	1.6	2.6	2.6	6.1	15.0	24.0	51.4	80.9	103.7	131.6
45°	0.0	1.7	2.7	3.2	6.9	19.6	36.8	66.2	103.0	134.3	165.8
42.5°	0.0	1.8	2.8	3.9	7.8	24.5	49.5	83.6	125.0	164.6	203.7
40°	0.0	1.8	2.8	4.7	10.3	29.7	62.2	102.7	147.8	194.1	243.4
37.5°	0.0	1.9	2.9	5.7	14.3	35.1	74.8	121.5	172.6	224.5	283.9
35°	0.0	2.0	3.0	6.8	18.4	43.6	87.3	140.1	197.5	260.7	327.9
32.5°	0.0	2.0	3.1	8.0	22.5	53.5	100.4	158.3	222.4	298.0	377.4
30°	0.0	2.1	3.2	9.2	26.7	63.1	115.2	176.9	247.3	336.0	427.4
27.5°	0.0	2.1	3.4	10.6	31.5	72.4	129.5	197.2	274.6	374.7	477.4
25°	0.0	2.2	3.5	12.0	36.2	81.4	143.3	217.0	306.1	415.8	527.5
22.5°	0.0	2.2	3.6	13.4	40.9	90.1	156.5	236.4	337.3	457.5	578.4
20°	0.0	2.3	3.7	14.9	45.3	98.6	169.1	255.0	368.0	498.2	626.8
17.5°	0.0	2.3	3.9	16.4	49.7	106.6	180.8	273.0	397.9	537.7	672.6
15°	0.0	2.3	4.0	17.9	53.8	114.1	191.5	288.9	426.7	575.8	715.9
12.5°	0.0	2.3	4.1	19.4	57.7	121.0	201.3	302.2	450.6	612.2	756.4
10°	0.0	2.4	4.2	20.8	61.4	127.4	210.2	314.1	469.7	633.8	788.2
7.5°	0.0	2.4	4.4	22.3	64.8	133.1	218.2	324.6	486.5	650.1	804.9
5°	0.0	2.4	4.5	23.6	67.9	138.2	225.2	333.6	500.8	663.2	818.3
2.5°	0.0	2.4	4.6	24.8	70.7	142.6	231.1	341.0	512.6	673.1	828.6
0°	0.0	2.4	4.7	26.0	73.2	146.4	236.1	347.0	521.7	679.9	835.7
-2.5°	0.0	2.6	5.4	27.6	76.5	151.0	242.5	357.0	531.9	689.7	846.8
-5°	0.0	2.7	6.1	29.1	79.5	154.9	247.8	365.4	539.4	696.8	854.6
-7.5°	0.0	2.8	6.8	30.5	82.0	158.0	252.0	371.9	544.1	701.1	859.3
-10°	0.0	3.0	7.5	31.7	84.1	160.3	255.0	376.6	546.2	702.9	860.7
-12.5°	0.0	3.1	8.1	32.7	85.6	161.9	256.8	379.3	545.5	701.8	856.7
-15°	0.0	3.2	8.7	33.5	86.6	162.6	257.4	379.8	541.6	695.7	848.4
-17.5°	0.0	3.3	9.2	34.2	87.1	162.5	256.6	379.1	534.6	687.4	836.9
-20°	0.0	3.4	9.7	34.6	87.0	161.6	255.9	377.3	525.8	677.1	822.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	3.5	10.1	34.8	86.3	159.8	256.0	373.9	515.4	664.7	804.4
-25°	0.0	3.5	10.5	34.8	85.0	159.2	254.8	368.9	503.6	650.6	783.4
-27.5°	0.0	3.6	10.8	34.5	83.0	158.6	252.4	362.4	490.5	634.2	764.1
-30°	0.0	3.6	11.1	34.0	80.6	156.9	248.7	354.3	478.9	615.8	743.3
-32.5°	0.0	3.6	11.3	33.3	79.6	154.2	243.7	347.7	467.5	596.6	721.0
-35°	0.0	3.6	11.4	32.3	77.9	150.5	238.9	340.4	454.5	576.7	697.3
-37.5°	0.0	3.6	11.4	31.1	75.6	146.5	233.5	331.7	440.1	556.3	669.5
-40°	0.0	3.6	11.4	29.6	72.6	142.9	226.8	321.4	424.2	537.2	639.8
-42.5°	0.0	3.5	11.3	28.3	70.4	138.4	218.8	309.7	409.4	512.5	608.1
-45°	0.0	3.4	11.1	27.2	69.0	133.0	209.5	297.5	394.3	486.0	575.2
-47.5°	0.0	3.4	10.8	25.7	66.9	126.7	198.9	285.0	377.4	458.6	544.7
-50°	0.0	3.3	10.5	25.2	64.1	119.5	189.6	270.9	355.2	433.6	513.4
-52.5°	0.0	3.2	10.1	24.9	60.6	111.5	179.6	255.4	333.1	407.5	481.5
-55°	0.0	3.0	9.6	24.2	56.4	104.9	168.5	238.8	310.4	380.4	451.4
-57.5°	0.0	2.9	9.1	23.3	51.5	97.8	156.4	223.9	286.5	353.0	420.3
-60°	0.0	2.7	8.5	22.0	46.2	89.7	143.4	206.1	261.9	324.6	388.3
-62.5°	0.0	2.5	7.9	20.4	43.0	80.7	130.9	186.3	237.6	295.1	355.2
-65°	0.0	2.4	7.4	18.6	39.3	70.8	117.1	165.5	211.8	264.0	320.8
-67.5°	0.0	2.2	6.8	16.6	35.2	62.0	102.1	144.6	184.5	231.1	282.8
-70°	0.0	1.9	6.1	14.3	30.6	54.4	86.1	123.0	158.6	196.6	241.8
-72.5°	0.0	1.7	5.5	12.6	25.6	46.1	73.2	100.7	132.1	165.4	200.5
-75°	0.0	1.5	4.7	11.0	20.4	37.4	60.1	82.0	104.7	133.4	163.6
-77.5°	0.0	1.3	4.0	9.3	16.8	28.2	46.3	64.5	83.2	102.9	125.8
-80°	0.0	1.0	3.2	7.5	13.6	21.5	32.0	46.6	61.9	77.9	94.8
-82.5°	0.0	0.8	2.4	5.7	10.3	16.3	23.6	31.1	40.2	52.6	65.6
-85°	0.0	0.5	1.6	3.8	6.9	10.9	15.8	20.9	26.5	32.8	39.7
-87.5°	0.0	0.3	0.8	1.9	3.5	5.5	7.9	10.5	13.3	16.5	19.9
-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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.0
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	1.9	1.2
65°	2.4	2.4	3.3	3.5	2.5	2.4	2.4	2.4	2.5	2.2	2.2
62.5°	3.5	4.3	5.3	8.2	6.2	2.4	4.7	5.4	3.7	3.0	3.2
60°	10.3	7.1	18.1	25.2	16.5	8.7	10.7	21.4	17.7	4.8	12.5
57.5°	20.8	25.7	45.7	48.0	36.9	24.9	54.7	60.6	50.3	31.6	45.5
55°	43.4	61.0	77.2	76.3	76.7	96.4	113.4	111.3	98.1	135.3	170.4
52.5°	82.2	100.5	111.2	121.1	148.7	167.0	172.3	182.7	221.1	267.2	275.5
50°	120.6	139.5	153.6	189.5	217.7	232.2	245.7	280.9	339.1	370.6	375.8
47.5°	159.6	180.6	217.7	257.0	284.3	306.2	329.5	409.5	474.4	501.4	511.2
45°	200.2	236.6	282.9	323.2	354.8	384.4	460.4	569.6	615.4	656.6	761.6
42.5°	242.4	297.1	349.3	391.5	427.2	489.1	594.8	700.7	766.1	853.9	980.6
40°	296.1	357.5	417.9	460.9	505.5	599.3	730.1	842.2	911.5	1029.2	1173.6
37.5°	350.7	422.5	487.7	533.1	595.6	722.6	876.4	1010.6	1096.5	1192.3	1424.4
35°	404.6	488.8	555.7	616.5	693.8	868.9	1058.3	1207.8	1313.9	1478.0	1771.8
32.5°	462.2	556.2	624.7	707.5	834.5	1030.2	1263.0	1428.8	1604.8	1840.9	2311.5
30°	523.4	619.4	698.1	797.6	968.0	1196.4	1466.4	1674.9	1913.8	2297.3	2804.5
27.5°	584.5	682.4	779.3	905.9	1093.0	1339.7	1621.8	1950.4	2259.1	2687.9	3242.5
25°	643.3	746.6	859.0	1011.9	1214.2	1472.5	1780.4	2159.6	2562.4	3052.9	3703.9
22.5°	699.3	811.7	943.3	1107.6	1316.5	1598.6	1965.7	2411.1	2895.2	3403.2	4151.4
20°	754.3	884.5	1035.5	1219.4	1410.7	1714.8	2147.0	2686.3	3292.9	3989.0	4722.2
17.5°	808.6	956.3	1130.6	1335.1	1566.8	1878.1	2332.9	2974.9	3713.2	4619.1	5521.9
15°	861.7	1026.8	1222.7	1449.4	1724.4	2096.4	2612.9	3318.6	4210.6	5295.5	6364.8
12.5°	913.3	1095.1	1311.0	1561.0	1877.2	2301.9	2876.9	3638.1	4660.3	5956.4	7270.0
10°	962.8	1160.7	1394.9	1668.8	2023.5	2493.1	3110.2	3914.6	4999.5	6335.2	7796.3
7.5°	987.9	1205.0	1466.5	1771.3	2161.6	2668.7	3313.2	4148.2	5264.6	6639.9	8104.8
5°	1005.9	1225.3	1493.4	1812.2	2237.4	2788.0	3468.6	4339.2	5459.9	6869.1	8313.9
2.5°	1019.8	1239.9	1513.0	1835.3	2267.4	2827.8	3519.9	4405.8	5564.7	6988.7	8435.7
0°	1029.3	1248.8	1525.1	1848.5	2282.9	2847.1	3543.5	4433.5	5609.2	7016.2	8479.9
-2.5°	1039.4	1261.0	1537.8	1869.1	2304.6	2873.3	3569.6	4453.1	5642.5	7023.8	8503.8
-5°	1045.2	1267.6	1542.8	1879.0	2311.5	2878.2	3567.7	4434.5	5616.0	6968.7	8451.8
-7.5°	1046.8	1268.3	1540.0	1877.0	2302.6	2855.9	3530.0	4379.1	5524.4	6857.2	8324.2
-10°	1044.3	1262.8	1529.8	1860.0	2276.7	2809.5	3462.6	4283.2	5373.9	6673.0	8108.6
-12.5°	1036.6	1251.0	1511.7	1832.2	2235.0	2743.6	3367.6	4146.5	5164.9	6417.0	7804.5
-15°	1024.4	1233.4	1485.4	1793.7	2177.3	2658.8	3245.5	3969.1	4895.9	6091.5	7426.0
-17.5°	1007.5	1210.0	1450.9	1744.6	2103.7	2555.7	3097.9	3761.3	4605.7	5728.2	7005.1
-20°	986.0	1181.0	1408.4	1685.0	2018.9	2447.2	2960.9	3577.3	4334.2	5312.3	6508.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	959.9	1146.3	1363.3	1628.0	1943.6	2334.4	2807.7	3368.8	4029.5	4831.5	5966.4
-25°	933.0	1113.1	1319.5	1564.5	1857.7	2206.7	2632.5	3143.6	3742.0	4476.1	5414.4
-27.5°	906.5	1075.0	1268.8	1491.2	1761.4	2074.9	2467.7	2933.7	3467.0	4091.2	4855.3
-30°	876.6	1032.4	1213.0	1414.4	1669.1	1960.2	2299.7	2699.0	3173.1	3737.2	4401.4
-32.5°	844.0	986.6	1158.9	1347.9	1570.2	1835.1	2128.8	2489.9	2902.5	3367.8	3941.9
-35°	811.5	947.6	1103.5	1276.4	1464.0	1712.1	1981.9	2281.5	2632.5	3044.5	3503.7
-37.5°	780.3	905.0	1044.1	1205.3	1381.3	1587.3	1825.7	2096.2	2398.2	2726.1	3122.7
-40°	745.5	859.0	990.6	1136.6	1292.3	1470.9	1685.8	1915.3	2175.4	2463.9	2770.2
-42.5°	707.7	816.8	936.8	1062.7	1205.5	1365.1	1543.3	1753.3	1969.3	2211.0	2478.4
-45°	670.6	770.8	880.7	995.5	1115.7	1256.7	1418.6	1593.3	1784.8	1982.0	2206.6
-47.5°	631.6	723.1	825.4	925.4	1031.9	1152.2	1289.6	1448.1	1607.8	1783.4	1957.5
-50°	592.5	678.4	764.4	857.8	953.1	1053.2	1169.3	1306.1	1451.5	1597.2	1750.5
-52.5°	557.5	631.8	709.5	789.7	876.5	965.6	1062.3	1175.0	1302.2	1430.5	1562.7
-55°	521.8	590.2	654.4	726.2	801.3	881.5	967.8	1062.7	1158.5	1275.5	1389.2
-57.5°	486.9	547.5	603.4	664.6	731.4	799.5	877.3	957.9	1045.0	1133.3	1226.4
-60°	451.8	503.4	554.0	607.0	663.1	723.7	786.2	857.0	931.8	1008.5	1089.1
-62.5°	415.6	457.5	502.1	550.6	599.9	646.5	699.0	756.9	818.5	884.4	952.7
-65°	375.1	409.8	447.0	489.2	535.6	573.2	613.4	656.9	707.8	762.1	815.7
-67.5°	331.9	362.6	392.9	424.3	461.8	495.5	528.6	563.2	601.3	645.6	688.7
-70°	283.7	314.4	341.1	367.1	390.9	415.0	443.0	470.4	501.1	540.9	580.0
-72.5°	234.7	263.5	288.8	310.8	327.7	342.0	359.2	379.1	408.5	445.4	479.9
-75°	189.9	213.1	236.8	257.9	268.8	273.1	276.6	287.1	316.9	354.8	388.3
-77.5°	147.8	168.0	187.4	205.9	213.5	216.4	217.9	217.8	239.8	272.1	306.1
-80°	108.8	122.9	139.3	155.1	159.8	161.2	161.4	160.4	178.3	201.6	226.4
-82.5°	75.6	85.8	96.2	106.9	108.4	107.6	106.0	104.5	119.0	135.8	153.0
-85°	44.1	48.3	54.7	61.3	62.0	61.7	60.6	58.7	66.8	75.9	85.5
-87.5°	22.1	24.2	26.3	28.4	27.7	26.6	25.2	23.4	25.7	28.0	30.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.4	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.4	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.4	1.9	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.4	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.4	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.4	2.1	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.5	2.4	1.8	1.2	0.6	0.4	0.6	0.5	0.2	0.0	0.0
62.5°	3.1	3.0	2.1	2.0	2.2	2.4	1.9	1.7	1.6	1.7	2.0
60°	13.3	7.7	7.8	9.9	8.5	3.9	7.7	9.8	9.1	6.9	6.0
57.5°	67.8	56.8	39.7	66.5	68.4	47.7	51.8	67.5	65.4	50.6	50.4
55°	170.7	173.2	185.9	202.8	215.2	221.0	226.1	251.4	278.5	305.1	318.4
52.5°	282.0	315.0	356.0	383.2	402.1	441.0	495.4	520.4	544.7	572.3	592.3
50°	415.4	472.7	513.8	519.8	584.5	626.5	636.4	683.3	734.4	766.2	789.0
47.5°	617.9	690.4	726.3	749.2	828.0	914.3	914.4	941.4	1069.2	1136.1	1168.3
45°	890.0	950.4	1013.9	1178.9	1330.5	1378.6	1481.6	1621.1	1711.8	1836.5	1973.7
42.5°	1121.7	1235.2	1394.2	1575.8	1727.8	1854.4	2007.4	2175.1	2376.5	2566.0	2729.4
40°	1351.0	1491.5	1688.4	1886.0	2077.4	2252.8	2499.4	2715.1	2952.7	3213.2	3430.4
37.5°	1650.1	1830.1	2033.6	2282.7	2580.6	2775.2	3114.5	3424.4	3692.1	4006.7	4200.5
35°	2109.7	2344.2	2524.4	3027.9	3390.3	3618.0	4019.6	4528.9	4724.4	5120.7	5308.7
32.5°	2687.5	2999.1	3473.3	4140.2	4624.1	5043.2	5643.5	6160.2	6600.7	6998.7	7412.7
30°	3336.7	3817.5	4516.5	5402.6	5894.1	6481.1	7292.9	7905.6	8596.4	9354.6	9620.2
27.5°	3925.8	4646.0	5457.6	6175.3	6881.3	7612.4	8410.0	9197.2	9944.8	10575.8	10999.1
25°	4471.8	5344.0	6132.8	6899.7	7664.7	8488.1	9390.3	10283.0	11105.7	11754.9	12248.5
22.5°	5035.0	5956.4	6800.2	7578.5	8468.3	9401.4	10360.8	11384.7	12321.0	12994.6	13532.2
20°	5564.5	6589.4	7551.8	8437.9	9279.1	10356.2	11461.0	12547.1	13566.7	14369.0	14988.9
17.5°	6405.0	7294.7	8471.0	9622.1	10569.8	11559.2	13035.5	14156.5	15287.9	16248.7	16906.0
15°	7437.2	8415.5	9630.2	11211.0	12509.5	13643.2	15168.2	16991.9	18326.4	19552.9	20394.4
12.5°	8470.2	9576.7	10890.6	12669.6	14518.3	15853.7	17703.9	20014.7	21569.2	23468.2	24404.3
10°	9262.0	10651.5	12004.5	13628.0	15403.5	17305.1	19299.6	21461.5	23538.5	25169.1	26626.8
7.5°	9580.8	11060.8	12627.1	14283.6	16058.9	18021.5	20147.2	22396.8	24534.3	26355.7	27957.6
5°	9819.1	11335.5	12912.2	14605.9	16503.7	18553.3	20710.7	23072.5	25255.4	27207.5	28846.4
2.5°	9970.5	11501.2	13071.1	14793.0	16789.1	18899.5	21126.2	23550.5	25766.3	27775.9	29409.5
0°	10028.6	11537.1	13144.8	14917.7	16893.7	19008.9	21331.9	23784.8	26018.1	27961.0	29641.9
-2.5°	10036.5	11503.6	13149.6	14913.9	16804.6	18939.6	21290.6	23723.0	25910.9	27846.1	29541.9
-5°	9957.7	11424.3	13071.7	14809.3	16702.6	18821.5	21071.6	23422.1	25508.8	27392.2	29024.9
-7.5°	9798.0	11260.5	12871.5	14569.3	16411.5	18466.9	20628.0	22813.3	24860.4	26666.7	28224.8
-10°	9561.0	10992.8	12548.0	14202.2	15945.4	17900.4	19961.1	22049.0	23968.7	25639.1	27080.0
-12.5°	9240.1	10638.8	12124.0	13703.2	15325.8	17189.7	19135.5	21096.1	22845.9	24370.8	25663.7
-15°	8823.4	10189.5	11627.5	13121.0	14694.5	16380.1	18126.3	19924.7	21538.4	22890.8	24071.9
-17.5°	8332.4	9657.4	11023.1	12407.5	13900.5	15481.9	17102.9	18717.3	20093.6	21295.0	22375.0
-20°	7785.1	9061.6	10358.9	11649.6	13004.1	14466.7	15963.8	17381.9	18584.6	19676.2	20664.5



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	7171.4	8393.3	9636.7	10844.5	12066.0	13390.3	14727.4	16009.8	17134.8	18068.6	18927.4
-25°	6514.5	7643.5	8817.6	9950.1	11074.3	12261.1	13475.5	14655.5	15645.6	16456.4	17166.0
-27.5°	5852.5	6884.2	7918.7	8984.9	10024.0	11119.1	12218.6	13237.7	14126.7	14873.2	15469.5
-30°	5156.7	6079.1	7023.8	7988.4	8980.7	9982.9	10976.3	11868.6	12644.6	13301.2	13816.6
-32.5°	4578.5	5279.2	6113.2	6989.0	7919.1	8832.2	9696.3	10509.7	11240.9	11814.2	12251.3
-35°	4024.3	4617.6	5242.3	6017.4	6816.5	7656.8	8451.7	9177.6	9829.5	10330.4	10741.6
-37.5°	3547.8	4017.1	4545.3	5098.7	5768.7	6463.3	7180.8	7863.5	8444.7	8881.7	9248.9
-40°	3135.4	3505.9	3928.0	4366.7	4859.6	5358.7	5983.4	6559.5	7034.0	7442.4	7775.1
-42.5°	2762.6	3075.3	3387.0	3746.8	4118.7	4519.8	4958.3	5384.4	5748.5	6090.4	6373.0
-45°	2440.8	2690.5	2939.0	3216.9	3490.0	3816.3	4129.4	4408.9	4703.8	4959.8	5161.2
-47.5°	2159.4	2354.1	2567.1	2775.1	2994.3	3240.1	3473.2	3685.8	3901.9	4089.1	4239.2
-50°	1909.3	2070.7	2244.6	2408.0	2585.3	2765.1	2937.4	3106.6	3270.7	3413.1	3523.9
-52.5°	1690.4	1831.4	1966.8	2097.0	2238.1	2371.1	2495.9	2635.5	2763.8	2876.1	2951.9
-55°	1504.0	1619.2	1730.2	1838.8	1945.5	2046.3	2145.8	2254.2	2353.2	2442.4	2498.9
-57.5°	1328.9	1427.0	1521.0	1609.7	1694.4	1774.5	1858.3	1941.6	2018.0	2085.2	2128.9
-60°	1169.7	1249.8	1331.1	1403.5	1471.8	1535.8	1606.4	1673.0	1734.7	1786.4	1816.7
-62.5°	1023.8	1095.6	1155.6	1212.9	1271.0	1328.7	1378.8	1428.0	1475.6	1515.6	1542.0
-65°	871.2	932.1	983.2	1029.2	1070.8	1115.5	1158.2	1196.9	1231.2	1257.3	1274.0
-67.5°	734.8	779.6	820.5	857.1	894.2	930.0	962.9	992.2	1018.0	1036.2	1048.1
-70°	616.2	650.4	683.9	717.2	750.2	778.1	802.0	823.9	843.7	852.1	855.7
-72.5°	512.1	542.4	571.8	601.2	628.7	650.5	668.0	684.1	698.5	686.1	664.3
-75°	417.6	444.3	471.8	497.7	522.0	538.7	551.7	563.6	574.5	547.5	510.4
-77.5°	340.3	363.8	384.1	404.4	424.3	435.0	443.2	451.3	459.1	429.0	390.9
-80°	252.5	271.4	288.7	305.7	322.3	328.7	332.4	334.9	336.3	310.5	280.6
-82.5°	170.6	180.4	189.9	199.8	209.9	215.2	219.2	222.3	224.6	206.2	185.6
-85°	95.6	98.5	100.9	102.8	104.5	107.8	111.0	114.0	116.7	108.0	98.4
-87.5°	32.8	32.8	32.7	32.4	32.1	32.2	32.2	32.1	32.0	30.6	29.1
-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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	0.2	0.5
62.5°	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.0	1.7	1.6	1.7
60°	4.7	2.9	2.4	2.4	2.4	2.9	4.7	6.0	6.9	9.1	9.8
57.5°	47.0	40.9	36.8	33.1	36.8	40.9	47.0	50.4	50.6	65.4	67.5
55°	312.7	291.1	264.8	233.7	264.8	291.1	312.7	318.4	305.1	278.5	251.4
52.5°	613.3	633.7	645.5	644.5	645.5	633.7	613.3	592.3	572.3	544.7	520.4
50°	807.3	818.4	818.9	809.7	818.9	818.4	807.3	789.0	766.2	734.4	683.3
47.5°	1182.8	1167.3	1140.7	1111.9	1140.7	1167.3	1182.8	1168.3	1136.1	1069.2	941.4
45°	2064.0	2113.7	2110.4	2046.8	2110.4	2113.7	2064.0	1973.7	1836.5	1711.8	1621.1
42.5°	2820.6	2895.1	2947.8	2974.6	2947.8	2895.1	2820.6	2729.4	2566.0	2376.5	2175.1
40°	3552.7	3624.6	3656.3	3654.5	3656.3	3624.6	3552.7	3430.4	3213.2	2952.7	2715.1
37.5°	4326.3	4419.4	4464.5	4443.0	4464.5	4419.4	4326.3	4200.5	4006.7	3692.1	3424.4
35°	5390.1	5477.1	5478.8	5434.5	5478.8	5477.1	5390.1	5308.7	5120.7	4724.4	4528.9
32.5°	7741.3	7770.4	7546.5	7467.1	7546.5	7770.4	7741.3	7412.7	6998.7	6600.7	6160.2
30°	9884.5	10091.1	10283.3	10380.3	10283.3	10091.1	9884.5	9620.2	9354.6	8596.4	7905.6
27.5°	11318.3	11566.8	11720.9	11730.7	11720.9	11566.8	11318.3	10999.1	10575.8	9944.8	9197.2
25°	12622.4	12900.4	13068.4	13125.9	13068.4	12900.4	12622.4	12248.5	11754.9	11105.7	10283.0
22.5°	13988.7	14316.3	14533.4	14577.8	14533.4	14316.3	13988.7	13532.2	12994.6	12321.0	11384.7
20°	15573.8	15955.2	16163.2	16154.8	16163.2	15955.2	15573.8	14988.9	14369.0	13566.7	12547.1
17.5°	17660.8	18069.7	18249.4	18170.9	18249.4	18069.7	17660.8	16906.0	16248.7	15287.9	14156.5
15°	21258.1	22113.5	22110.1	21768.7	22110.1	22113.5	21258.1	20394.4	19552.9	18326.4	16991.9
12.5°	25695.3	26332.9	26987.0	27127.6	26987.0	26332.9	25695.3	24404.3	23468.2	21569.2	20014.7
10°	27854.5	28701.2	29260.0	29245.2	29260.0	28701.2	27854.5	26626.8	25169.1	23538.5	21461.5
7.5°	29205.3	30140.7	30817.9	30803.4	30817.9	30140.7	29205.3	27957.6	26355.7	24534.3	22396.8
5°	30247.7	31285.2	31885.0	31929.4	31885.0	31285.2	30247.7	28846.4	27207.5	25255.4	23072.5
2.5°	30789.4	31872.2	32593.4	32498.4	32593.4	31872.2	30789.4	29409.5	27775.9	25766.3	23550.5
0°	31015.8	32087.6	32760.4	33050.8	32760.4	32087.6	31015.8	29641.9	27961.0	26018.1	23784.8
-2.5°	30916.9	31959.9	32703.4	32732.1	32703.4	31959.9	30916.9	29541.9	27846.1	25910.9	23723.0
-5°	30387.2	31487.7	31985.9	32250.5	31985.9	31487.7	30387.2	29024.9	27392.2	25508.8	23422.1
-7.5°	29532.9	30357.6	30990.4	31282.6	30990.4	30357.6	29532.9	28224.8	26666.7	24860.4	22813.3
-10°	28203.4	29057.1	29591.9	29833.1	29591.9	29057.1	28203.4	27080.0	25639.1	23968.7	22049.0
-12.5°	26730.5	27506.4	28014.8	28218.3	28014.8	27506.4	26730.5	25663.7	24370.8	22845.9	21096.1
-15°	25087.1	25791.6	26259.6	26454.8	26259.6	25791.6	25087.1	24071.9	22890.8	21538.4	19924.7
-17.5°	23278.2	23895.5	24361.8	24502.5	24361.8	23895.5	23278.2	22375.0	21295.0	20093.6	18717.3
-20°	21418.1	21976.2	22360.3	22443.9	22360.3	21976.2	21418.1	20664.5	19676.2	18584.6	17381.9



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	19543.9	20003.6	20315.6	20420.7	20315.6	20003.6	19543.9	18927.4	18068.6	17134.8	16009.8
-25°	17712.3	18109.1	18360.2	18454.2	18360.2	18109.1	17712.3	17166.0	16456.4	15645.6	14655.5
-27.5°	15950.7	16320.6	16551.2	16582.1	16551.2	16320.6	15950.7	15469.5	14873.2	14126.7	13237.7
-30°	14217.4	14523.0	14700.7	14776.1	14700.7	14523.0	14217.4	13816.6	13301.2	12644.6	11868.6
-32.5°	12597.5	12864.5	13024.2	13066.9	13024.2	12864.5	12597.5	12251.3	11814.2	11240.9	10509.7
-35°	11068.4	11314.9	11456.4	11445.0	11456.4	11314.9	11068.4	10741.6	10330.4	9829.5	9177.6
-37.5°	9552.5	9779.9	9908.3	9896.4	9908.3	9779.9	9552.5	9248.9	8881.7	8444.7	7863.5
-40°	8048.7	8244.9	8358.0	8385.5	8358.0	8244.9	8048.7	7775.1	7442.4	7034.0	6559.5
-42.5°	6607.9	6789.0	6879.6	6843.9	6879.6	6789.0	6607.9	6373.0	6090.4	5748.5	5384.4
-45°	5302.2	5395.9	5457.5	5495.9	5457.5	5395.9	5302.2	5161.2	4959.8	4703.8	4408.9
-47.5°	4349.1	4426.8	4468.7	4476.0	4468.7	4426.8	4349.1	4239.2	4089.1	3901.9	3685.8
-50°	3610.1	3676.2	3705.3	3697.0	3705.3	3676.2	3610.1	3523.9	3413.1	3270.7	3106.6
-52.5°	3006.5	3044.8	3070.6	3083.2	3070.6	3044.8	3006.5	2951.9	2876.1	2763.8	2635.5
-55°	2541.4	2571.2	2588.6	2594.5	2588.6	2571.2	2541.4	2498.9	2442.4	2353.2	2254.2
-57.5°	2165.2	2193.6	2203.9	2200.2	2203.9	2193.6	2165.2	2128.9	2085.2	2018.0	1941.6
-60°	1839.9	1856.0	1868.2	1874.5	1868.2	1856.0	1839.9	1816.7	1786.4	1734.7	1673.0
-62.5°	1563.0	1578.2	1590.9	1598.2	1590.9	1578.2	1563.0	1542.0	1515.6	1475.6	1428.0
-65°	1285.6	1292.3	1294.2	1291.3	1294.2	1292.3	1285.6	1274.0	1257.3	1231.2	1196.9
-67.5°	1057.0	1062.7	1066.5	1067.1	1066.5	1062.7	1057.0	1048.1	1036.2	1018.0	992.2
-70°	859.3	861.7	858.9	852.2	858.9	861.7	859.3	855.7	852.1	843.7	823.9
-72.5°	641.9	618.4	594.9	568.9	594.9	618.4	641.9	664.3	686.1	698.5	684.1
-75°	471.9	432.1	417.7	403.7	417.7	432.1	471.9	510.4	547.5	574.5	563.6
-77.5°	351.0	309.6	298.5	288.0	298.5	309.6	351.0	390.9	429.0	459.1	451.3
-80°	249.4	217.1	209.9	203.0	209.9	217.1	249.4	280.6	310.5	336.3	334.9
-82.5°	163.9	141.3	136.8	132.2	136.8	141.3	163.9	185.6	206.2	224.6	222.3
-85°	88.2	77.6	75.5	73.2	75.5	77.6	88.2	98.4	108.0	116.7	114.0
-87.5°	27.5	25.9	26.0	26.0	26.0	25.9	27.5	29.1	30.6	32.0	32.1
-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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	0.5	1.0	1.5	2.0	1.9	1.8	1.8	1.7
85°	0.0	0.0	0.0	0.6	1.2	1.8	2.4	2.4	2.4	2.4	2.4
82.5°	0.0	0.0	0.0	0.6	1.3	1.9	2.4	2.4	2.4	2.4	2.4
80°	0.0	0.0	0.1	0.7	1.3	1.9	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.0	0.1	0.7	1.3	2.0	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.0	0.2	0.8	1.4	2.0	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.0	0.2	0.7	1.4	2.1	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.4	2.0	2.3	2.4	2.4
67.5°	0.0	0.0	0.4	1.0	1.2	1.2	1.1	1.2	1.9	2.4	2.4
65°	0.6	0.4	0.6	1.2	1.8	2.4	2.5	2.2	2.2	2.5	2.4
62.5°	1.9	2.4	2.2	2.0	2.1	3.0	3.1	3.2	3.0	3.7	5.4
60°	7.7	3.9	8.5	9.9	7.8	7.7	13.3	12.5	4.8	17.7	21.4
57.5°	51.8	47.7	68.4	66.5	39.7	56.8	67.8	45.5	31.6	50.3	60.6
55°	226.1	221.0	215.2	202.8	185.9	173.2	170.7	170.4	135.3	98.1	111.3
52.5°	495.4	441.0	402.1	383.2	356.0	315.0	282.0	275.5	267.2	221.1	182.7
50°	636.4	626.5	584.5	519.8	513.8	472.7	415.4	375.8	370.6	339.1	280.9
47.5°	914.4	914.3	828.0	749.2	726.3	690.4	617.9	511.2	501.4	474.4	409.5
45°	1481.6	1378.6	1330.5	1178.9	1013.9	950.4	890.0	761.6	656.6	615.4	569.6
42.5°	2007.4	1854.4	1727.8	1575.8	1394.2	1235.2	1121.7	980.6	853.9	766.1	700.7
40°	2499.4	2252.8	2077.4	1886.0	1688.4	1491.5	1351.0	1173.6	1029.2	911.5	842.2
37.5°	3114.5	2775.2	2580.6	2282.7	2033.6	1830.1	1650.1	1424.4	1192.3	1096.5	1010.6
35°	4019.6	3618.0	3390.3	3027.9	2524.4	2344.2	2109.7	1771.8	1478.0	1313.9	1207.8
32.5°	5643.5	5043.2	4624.1	4140.2	3473.3	2999.1	2687.5	2311.5	1840.9	1604.8	1428.8
30°	7292.9	6481.1	5894.1	5402.6	4516.5	3817.5	3336.7	2804.5	2297.3	1913.8	1674.9
27.5°	8410.0	7612.4	6881.3	6175.3	5457.6	4646.0	3925.8	3242.5	2687.9	2259.1	1950.4
25°	9390.3	8488.1	7664.7	6899.7	6132.8	5344.0	4471.8	3703.9	3052.9	2562.4	2159.6
22.5°	10360.8	9401.4	8468.3	7578.5	6800.2	5956.4	5035.0	4151.4	3403.2	2895.2	2411.1
20°	11461.0	10356.2	9279.1	8437.9	7551.8	6589.4	5564.5	4722.2	3989.0	3292.9	2686.3
17.5°	13035.5	11559.2	10569.8	9622.1	8471.0	7294.7	6405.0	5521.9	4619.1	3713.2	2974.9
15°	15168.2	13643.2	12509.5	11211.0	9630.2	8415.5	7437.2	6364.8	5295.5	4210.6	3318.6
12.5°	17703.9	15853.7	14518.3	12669.6	10890.6	9576.7	8470.2	7270.0	5956.4	4660.3	3638.1
10°	19299.6	17305.1	15403.5	13628.0	12004.5	10651.5	9262.0	7796.3	6335.2	4999.5	3914.6
7.5°	20147.2	18021.5	16058.9	14283.6	12627.1	11060.8	9580.8	8104.8	6639.9	5264.6	4148.2
5°	20710.7	18553.3	16503.7	14605.9	12912.2	11335.5	9819.1	8313.9	6869.1	5459.9	4339.2
2.5°	21126.2	18899.5	16789.1	14793.0	13071.1	11501.2	9970.5	8435.7	6988.7	5564.7	4405.8
0°	21331.9	19008.9	16893.7	14917.7	13144.8	11537.1	10028.6	8479.9	7016.2	5609.2	4433.5
-2.5°	21290.6	18939.6	16804.6	14913.9	13149.6	11503.6	10036.5	8503.8	7023.8	5642.5	4453.1
-5°	21071.6	18821.5	16702.6	14809.3	13071.7	11424.3	9957.7	8451.8	6968.7	5616.0	4434.5
-7.5°	20628.0	18466.9	16411.5	14569.3	12871.5	11260.5	9798.0	8324.2	6857.2	5524.4	4379.1
-10°	19961.1	17900.4	15945.4	14202.2	12548.0	10992.8	9561.0	8108.6	6673.0	5373.9	4283.2
-12.5°	19135.5	17189.7	15325.8	13703.2	12124.0	10638.8	9240.1	7804.5	6417.0	5164.9	4146.5
-15°	18126.3	16380.1	14694.5	13121.0	11627.5	10189.5	8823.4	7426.0	6091.5	4895.9	3969.1
-17.5°	17102.9	15481.9	13900.5	12407.5	11023.1	9657.4	8332.4	7005.1	5728.2	4605.7	3761.3
-20°	15963.8	14466.7	13004.1	11649.6	10358.9	9061.6	7785.1	6508.6	5312.3	4334.2	3577.3



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	14727.4	13390.3	12066.0	10844.5	9636.7	8393.3	7171.4	5966.4	4831.5	4029.5	3368.8
-25°	13475.5	12261.1	11074.3	9950.1	8817.6	7643.5	6514.5	5414.4	4476.1	3742.0	3143.6
-27.5°	12218.6	11119.1	10024.0	8984.9	7918.7	6884.2	5852.5	4855.3	4091.2	3467.0	2933.7
-30°	10976.3	9982.9	8980.7	7988.4	7023.8	6079.1	5156.7	4401.4	3737.2	3173.1	2699.0
-32.5°	9696.3	8832.2	7919.1	6989.0	6113.2	5279.2	4578.5	3941.9	3367.8	2902.5	2489.9
-35°	8451.7	7656.8	6816.5	6017.4	5242.3	4617.6	4024.3	3503.7	3044.5	2632.5	2281.5
-37.5°	7180.8	6463.3	5768.7	5098.7	4545.3	4017.1	3547.8	3122.7	2726.1	2398.2	2096.2
-40°	5983.4	5358.7	4859.6	4366.7	3928.0	3505.9	3135.4	2770.2	2463.9	2175.4	1915.3
-42.5°	4958.3	4519.8	4118.7	3746.8	3387.0	3075.3	2762.6	2478.4	2211.0	1969.3	1753.3
-45°	4129.4	3816.3	3490.0	3216.9	2939.0	2690.5	2440.8	2206.6	1982.0	1784.8	1593.3
-47.5°	3473.2	3240.1	2994.3	2775.1	2567.1	2354.1	2159.4	1957.5	1783.4	1607.8	1448.1
-50°	2937.4	2765.1	2585.3	2408.0	2244.6	2070.7	1909.3	1750.5	1597.2	1451.5	1306.1
-52.5°	2495.9	2371.1	2238.1	2097.0	1966.8	1831.4	1690.4	1562.7	1430.5	1302.2	1175.0
-55°	2145.8	2046.3	1945.5	1838.8	1730.2	1619.2	1504.0	1389.2	1275.5	1158.5	1062.7
-57.5°	1858.3	1774.5	1694.4	1609.7	1521.0	1427.0	1328.9	1226.4	1133.3	1045.0	957.9
-60°	1606.4	1535.8	1471.8	1403.5	1331.1	1249.8	1169.7	1089.1	1008.5	931.8	857.0
-62.5°	1378.8	1328.7	1271.0	1212.9	1155.6	1095.6	1023.8	952.7	884.4	818.5	756.9
-65°	1158.2	1115.5	1070.8	1029.2	983.2	932.1	871.2	815.7	762.1	707.8	656.9
-67.5°	962.9	930.0	894.2	857.1	820.5	779.6	734.8	688.7	645.6	601.3	563.2
-70°	802.0	778.1	750.2	717.2	683.9	650.4	616.2	580.0	540.9	501.1	470.4
-72.5°	668.0	650.5	628.7	601.2	571.8	542.4	512.1	479.9	445.4	408.5	379.1
-75°	551.7	538.7	522.0	497.7	471.8	444.3	417.6	388.3	354.8	316.9	287.1
-77.5°	443.2	435.0	424.3	404.4	384.1	363.8	340.3	306.1	272.1	239.8	217.8
-80°	332.4	328.7	322.3	305.7	288.7	271.4	252.5	226.4	201.6	178.3	160.4
-82.5°	219.2	215.2	209.9	199.8	189.9	180.4	170.6	153.0	135.8	119.0	104.5
-85°	111.0	107.8	104.5	102.8	100.9	98.5	95.6	85.5	75.9	66.8	58.7
-87.5°	32.2	32.2	32.1	32.4	32.7	32.8	32.8	30.4	28.0	25.7	23.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.4	2.4	2.4
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	3.0	3.1	2.4	2.4
65°	2.4	2.4	2.5	3.5	3.3	2.4	2.4	4.6	3.9	3.4	2.4
62.5°	4.7	2.4	6.2	8.2	5.3	4.3	3.5	9.9	6.4	4.5	3.2
60°	10.7	8.7	16.5	25.2	18.1	7.1	10.3	16.9	15.6	5.7	4.5
57.5°	54.7	24.9	36.9	48.0	45.7	25.7	20.8	29.0	26.4	15.4	6.1
55°	113.4	96.4	76.7	76.3	77.2	61.0	43.4	44.9	39.7	28.2	9.0
52.5°	172.3	167.0	148.7	121.1	111.2	100.5	82.2	63.5	59.0	42.2	22.2
50°	245.7	232.2	217.7	189.5	153.6	139.5	120.6	97.0	80.3	58.9	36.7
47.5°	329.5	306.2	284.3	257.0	217.7	180.6	159.6	131.6	103.7	80.9	51.4
45°	460.4	384.4	354.8	323.2	282.9	236.6	200.2	165.8	134.3	103.0	66.2
42.5°	594.8	489.1	427.2	391.5	349.3	297.1	242.4	203.7	164.6	125.0	83.6
40°	730.1	599.3	505.5	460.9	417.9	357.5	296.1	243.4	194.1	147.8	102.7
37.5°	876.4	722.6	595.6	533.1	487.7	422.5	350.7	283.9	224.5	172.6	121.5
35°	1058.3	868.9	693.8	616.5	555.7	488.8	404.6	327.9	260.7	197.5	140.1
32.5°	1263.0	1030.2	834.5	707.5	624.7	556.2	462.2	377.4	298.0	222.4	158.3
30°	1466.4	1196.4	968.0	797.6	698.1	619.4	523.4	427.4	336.0	247.3	176.9
27.5°	1621.8	1339.7	1093.0	905.9	779.3	682.4	584.5	477.4	374.7	274.6	197.2
25°	1780.4	1472.5	1214.2	1011.9	859.0	746.6	643.3	527.5	415.8	306.1	217.0
22.5°	1965.7	1598.6	1316.5	1107.6	943.3	811.7	699.3	578.4	457.5	337.3	236.4
20°	2147.0	1714.8	1410.7	1219.4	1035.5	884.5	754.3	626.8	498.2	368.0	255.0
17.5°	2332.9	1878.1	1566.8	1335.1	1130.6	956.3	808.6	672.6	537.7	397.9	273.0
15°	2612.9	2096.4	1724.4	1449.4	1222.7	1026.8	861.7	715.9	575.8	426.7	288.9
12.5°	2876.9	2301.9	1877.2	1561.0	1311.0	1095.1	913.3	756.4	612.2	450.6	302.2
10°	3110.2	2493.1	2023.5	1668.8	1394.9	1160.7	962.8	788.2	633.8	469.7	314.1
7.5°	3313.2	2668.7	2161.6	1771.3	1466.5	1205.0	987.9	804.9	650.1	486.5	324.6
5°	3468.6	2788.0	2237.4	1812.2	1493.4	1225.3	1005.9	818.3	663.2	500.8	333.6
2.5°	3519.9	2827.8	2267.4	1835.3	1513.0	1239.9	1019.8	828.6	673.1	512.6	341.0
0°	3543.5	2847.1	2282.9	1848.5	1525.1	1248.8	1029.3	835.7	679.9	521.7	347.0
-2.5°	3569.6	2873.3	2304.6	1869.1	1537.8	1261.0	1039.4	846.8	689.7	531.9	357.0
-5°	3567.7	2878.2	2311.5	1879.0	1542.8	1267.6	1045.2	854.6	696.8	539.4	365.4
-7.5°	3530.0	2855.9	2302.6	1877.0	1540.0	1268.3	1046.8	859.3	701.1	544.1	371.9
-10°	3462.6	2809.5	2276.7	1860.0	1529.8	1262.8	1044.3	860.7	702.9	546.2	376.6
-12.5°	3367.6	2743.6	2235.0	1832.2	1511.7	1251.0	1036.6	856.7	701.8	545.5	379.3
-15°	3245.5	2658.8	2177.3	1793.7	1485.4	1233.4	1024.4	848.4	695.7	541.6	379.8
-17.5°	3097.9	2555.7	2103.7	1744.6	1450.9	1210.0	1007.5	836.9	687.4	534.6	379.1
-20°	2960.9	2447.2	2018.9	1685.0	1408.4	1181.0	986.0	822.2	677.1	525.8	377.3



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	2807.7	2334.4	1943.6	1628.0	1363.3	1146.3	959.9	804.4	664.7	515.4	373.9
-25°	2632.5	2206.7	1857.7	1564.5	1319.5	1113.1	933.0	783.4	650.6	503.6	368.9
-27.5°	2467.7	2074.9	1761.4	1491.2	1268.8	1075.0	906.5	764.1	634.2	490.5	362.4
-30°	2299.7	1960.2	1669.1	1414.4	1213.0	1032.4	876.6	743.3	615.8	478.9	354.3
-32.5°	2128.8	1835.1	1570.2	1347.9	1158.9	986.6	844.0	721.0	596.6	467.5	347.7
-35°	1981.9	1712.1	1464.0	1276.4	1103.5	947.6	811.5	697.3	576.7	454.5	340.4
-37.5°	1825.7	1587.3	1381.3	1205.3	1044.1	905.0	780.3	669.5	556.3	440.1	331.7
-40°	1685.8	1470.9	1292.3	1136.6	990.6	859.0	745.5	639.8	537.2	424.2	321.4
-42.5°	1543.3	1365.1	1205.5	1062.7	936.8	816.8	707.7	608.1	512.5	409.4	309.7
-45°	1418.6	1256.7	1115.7	995.5	880.7	770.8	670.6	575.2	486.0	394.3	297.5
-47.5°	1289.6	1152.2	1031.9	925.4	825.4	723.1	631.6	544.7	458.6	377.4	285.0
-50°	1169.3	1053.2	953.1	857.8	764.4	678.4	592.5	513.4	433.6	355.2	270.9
-52.5°	1062.3	965.6	876.5	789.7	709.5	631.8	557.5	481.5	407.5	333.1	255.4
-55°	967.8	881.5	801.3	726.2	654.4	590.2	521.8	451.4	380.4	310.4	238.8
-57.5°	877.3	799.5	731.4	664.6	603.4	547.5	486.9	420.3	353.0	286.5	223.9
-60°	786.2	723.7	663.1	607.0	554.0	503.4	451.8	388.3	324.6	261.9	206.1
-62.5°	699.0	646.5	599.9	550.6	502.1	457.5	415.6	355.2	295.1	237.6	186.3
-65°	613.4	573.2	535.6	489.2	447.0	409.8	375.1	320.8	264.0	211.8	165.5
-67.5°	528.6	495.5	461.8	424.3	392.9	362.6	331.9	282.8	231.1	184.5	144.6
-70°	443.0	415.0	390.9	367.1	341.1	314.4	283.7	241.8	196.6	158.6	123.0
-72.5°	359.2	342.0	327.7	310.8	288.8	263.5	234.7	200.5	165.4	132.1	100.7
-75°	276.6	273.1	268.8	257.9	236.8	213.1	189.9	163.6	133.4	104.7	82.0
-77.5°	217.9	216.4	213.5	205.9	187.4	168.0	147.8	125.8	102.9	83.2	64.5
-80°	161.4	161.2	159.8	155.1	139.3	122.9	108.8	94.8	77.9	61.9	46.6
-82.5°	106.0	107.6	108.4	106.9	96.2	85.8	75.6	65.6	52.6	40.2	31.1
-85°	60.6	61.7	62.0	61.3	54.7	48.3	44.1	39.7	32.8	26.5	20.9
-87.5°	25.2	26.6	27.7	28.4	26.3	24.2	22.1	19.9	16.5	13.3	10.5
-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: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
70°	2.4	2.4	2.4	2.4	1.6	0.8	0.0
67.5°	2.6	2.4	2.4	2.4	1.8	0.9	0.0
65°	2.9	2.7	2.4	2.4	2.0	1.0	0.0
62.5°	3.3	3.2	2.4	2.4	2.2	1.1	0.0
60°	3.7	3.8	2.4	2.4	2.4	1.2	0.0
57.5°	6.4	4.5	3.0	2.4	2.4	1.3	0.0
55°	9.8	5.2	3.8	2.4	2.5	1.4	0.0
52.5°	13.7	6.5	4.5	2.4	2.5	1.5	0.0
50°	18.0	10.6	5.3	2.4	2.6	1.5	0.0
47.5°	24.0	15.0	6.1	2.6	2.6	1.6	0.0
45°	36.8	19.6	6.9	3.2	2.7	1.7	0.0
42.5°	49.5	24.5	7.8	3.9	2.8	1.8	0.0
40°	62.2	29.7	10.3	4.7	2.8	1.8	0.0
37.5°	74.8	35.1	14.3	5.7	2.9	1.9	0.0
35°	87.3	43.6	18.4	6.8	3.0	2.0	0.0
32.5°	100.4	53.5	22.5	8.0	3.1	2.0	0.0
30°	115.2	63.1	26.7	9.2	3.2	2.1	0.0
27.5°	129.5	72.4	31.5	10.6	3.4	2.1	0.0
25°	143.3	81.4	36.2	12.0	3.5	2.2	0.0
22.5°	156.5	90.1	40.9	13.4	3.6	2.2	0.0
20°	169.1	98.6	45.3	14.9	3.7	2.3	0.0
17.5°	180.8	106.6	49.7	16.4	3.9	2.3	0.0
15°	191.5	114.1	53.8	17.9	4.0	2.3	0.0
12.5°	201.3	121.0	57.7	19.4	4.1	2.3	0.0
10°	210.2	127.4	61.4	20.8	4.2	2.4	0.0
7.5°	218.2	133.1	64.8	22.3	4.4	2.4	0.0
5°	225.2	138.2	67.9	23.6	4.5	2.4	0.0
2.5°	231.1	142.6	70.7	24.8	4.6	2.4	0.0
0°	236.1	146.4	73.2	26.0	4.7	2.4	0.0
-2.5°	242.5	151.0	76.5	27.6	5.4	2.6	0.0
-5°	247.8	154.9	79.5	29.1	6.1	2.7	0.0
-7.5°	252.0	158.0	82.0	30.5	6.8	2.8	0.0
-10°	255.0	160.3	84.1	31.7	7.5	3.0	0.0
-12.5°	256.8	161.9	85.6	32.7	8.1	3.1	0.0
-15°	257.4	162.6	86.6	33.5	8.7	3.2	0.0
-17.5°	256.6	162.5	87.1	34.2	9.2	3.3	0.0
-20°	255.9	161.6	87.0	34.6	9.7	3.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627882 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	256.0	159.8	86.3	34.8	10.1	3.5	0.0
-25°	254.8	159.2	85.0	34.8	10.5	3.5	0.0
-27.5°	252.4	158.6	83.0	34.5	10.8	3.6	0.0
-30°	248.7	156.9	80.6	34.0	11.1	3.6	0.0
-32.5°	243.7	154.2	79.6	33.3	11.3	3.6	0.0
-35°	238.9	150.5	77.9	32.3	11.4	3.6	0.0
-37.5°	233.5	146.5	75.6	31.1	11.4	3.6	0.0
-40°	226.8	142.9	72.6	29.6	11.4	3.6	0.0
-42.5°	218.8	138.4	70.4	28.3	11.3	3.5	0.0
-45°	209.5	133.0	69.0	27.2	11.1	3.4	0.0
-47.5°	198.9	126.7	66.9	25.7	10.8	3.4	0.0
-50°	189.6	119.5	64.1	25.2	10.5	3.3	0.0
-52.5°	179.6	111.5	60.6	24.9	10.1	3.2	0.0
-55°	168.5	104.9	56.4	24.2	9.6	3.0	0.0
-57.5°	156.4	97.8	51.5	23.3	9.1	2.9	0.0
-60°	143.4	89.7	46.2	22.0	8.5	2.7	0.0
-62.5°	130.9	80.7	43.0	20.4	7.9	2.5	0.0
-65°	117.1	70.8	39.3	18.6	7.4	2.4	0.0
-67.5°	102.1	62.0	35.2	16.6	6.8	2.2	0.0
-70°	86.1	54.4	30.6	14.3	6.1	1.9	0.0
-72.5°	73.2	46.1	25.6	12.6	5.5	1.7	0.0
-75°	60.1	37.4	20.4	11.0	4.7	1.5	0.0
-77.5°	46.3	28.2	16.8	9.3	4.0	1.3	0.0
-80°	32.0	21.5	13.6	7.5	3.2	1.0	0.0
-82.5°	23.6	16.3	10.3	5.7	2.4	0.8	0.0
-85°	15.8	10.9	6.9	3.8	1.6	0.5	0.0
-87.5°	7.9	5.5	3.5	1.9	0.8	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)