

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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627302 (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-SA3E-750-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

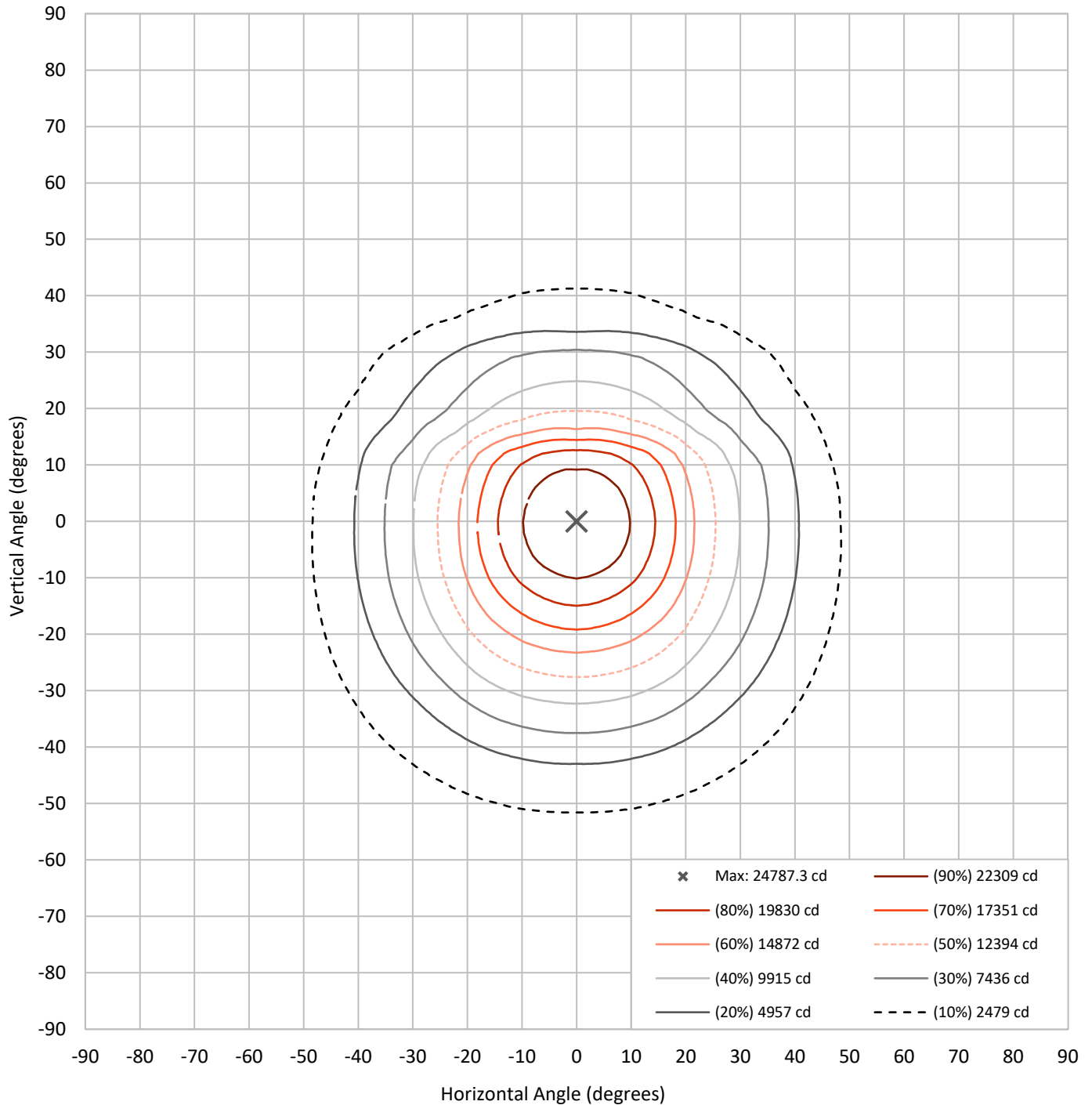
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21867.7 lumens	Max Intensity:	24787.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	10528.3 lumens	Field Lumens:	19579 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	185.2		
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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-VSR-XX

Iso-Candela Plot





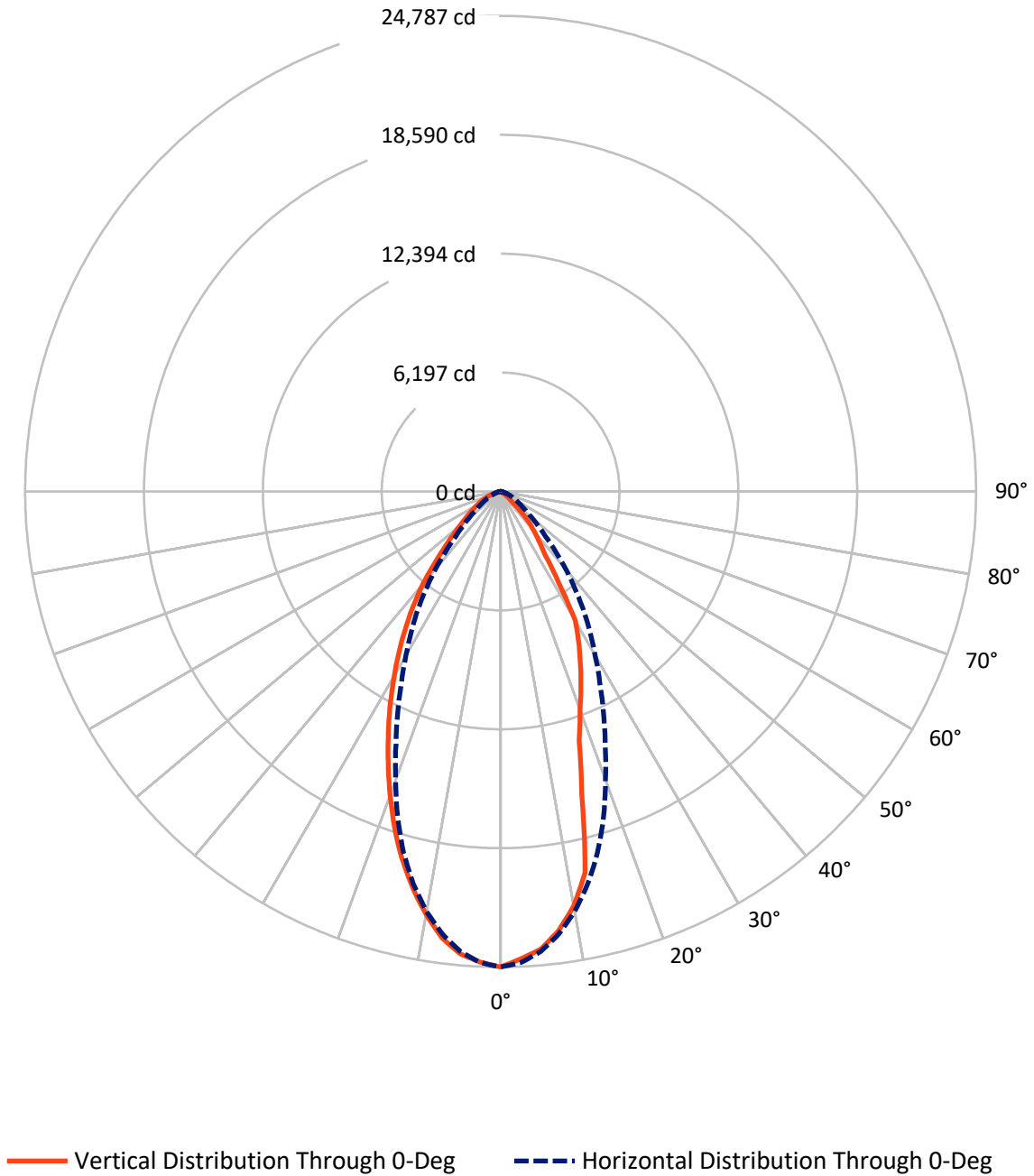
REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1				
50		0.5	1.1	2.1	3.4	5.0	6.9	7.7	7.7	6.9	5.0	3.4	2.1	1.1		0.5			
40	0.9	1.7	4.2	8.9	16.3	26.7	38.5	47.2	47.2	38.5	26.7	16.3	8.9	4.2	1.7	0.9			
30		3.3	8.5	19.8	40.8	75.0	114.7	137.9	137.9	114.7	75.0	40.8	19.8	8.5	3.3				
20	2.4	5.2	13.9	35.9	84.9	159.5	242.7	292.5	292.5	242.7	159.5	84.9	35.9	13.9	5.2	2.4			
10		7.1	19.7	56.3	139.7	258.4	403.8	499.2	499.2	403.8	258.4	139.7	56.3	19.7	7.1				
0	3.4	8.2	24.8	72.8	183.5	342.0	549.2	696.2	696.2	549.2	342.0	183.5	72.8	24.8	8.2	3.4			
-10		8.6	25.8	75.1	186.1	347.0	554.7	700.6	700.6	554.7	347.0	186.1	75.1	25.8	8.6				
-20	3.6	8.5	24.5	66.9	164.9	304.7	469.6	579.5	579.5	469.6	304.7	164.9	66.9	24.5	8.5	3.6			
-30		7.8	21.2	52.4	123.1	229.7	342.3	410.5	410.5	342.3	229.7	123.1	52.4	21.2	7.8				
-40	3.1	6.8	17.1	37.9	77.5	142.5	215.0	255.9	255.9	215.0	142.5	77.5	37.9	17.1	6.8	3.1			
-50		5.7	13.2	26.2	46.5	74.6	107.0	127.4	127.4	107.0	74.6	46.5	26.2	13.2	5.7				
-60	1.9	4.4	9.6	17.4	28.4	40.9	52.9	59.8	59.8	52.9	40.9	28.4	17.4	9.6	4.4	1.9			
-70		3.1	6.4	10.7	16.5	22.5	27.5	30.0	30.0	27.5	22.5	16.5	10.7	6.4	3.1				
-80	0.5	6.2	16.0	28.7	26.2	28.7	16.0	6.2	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

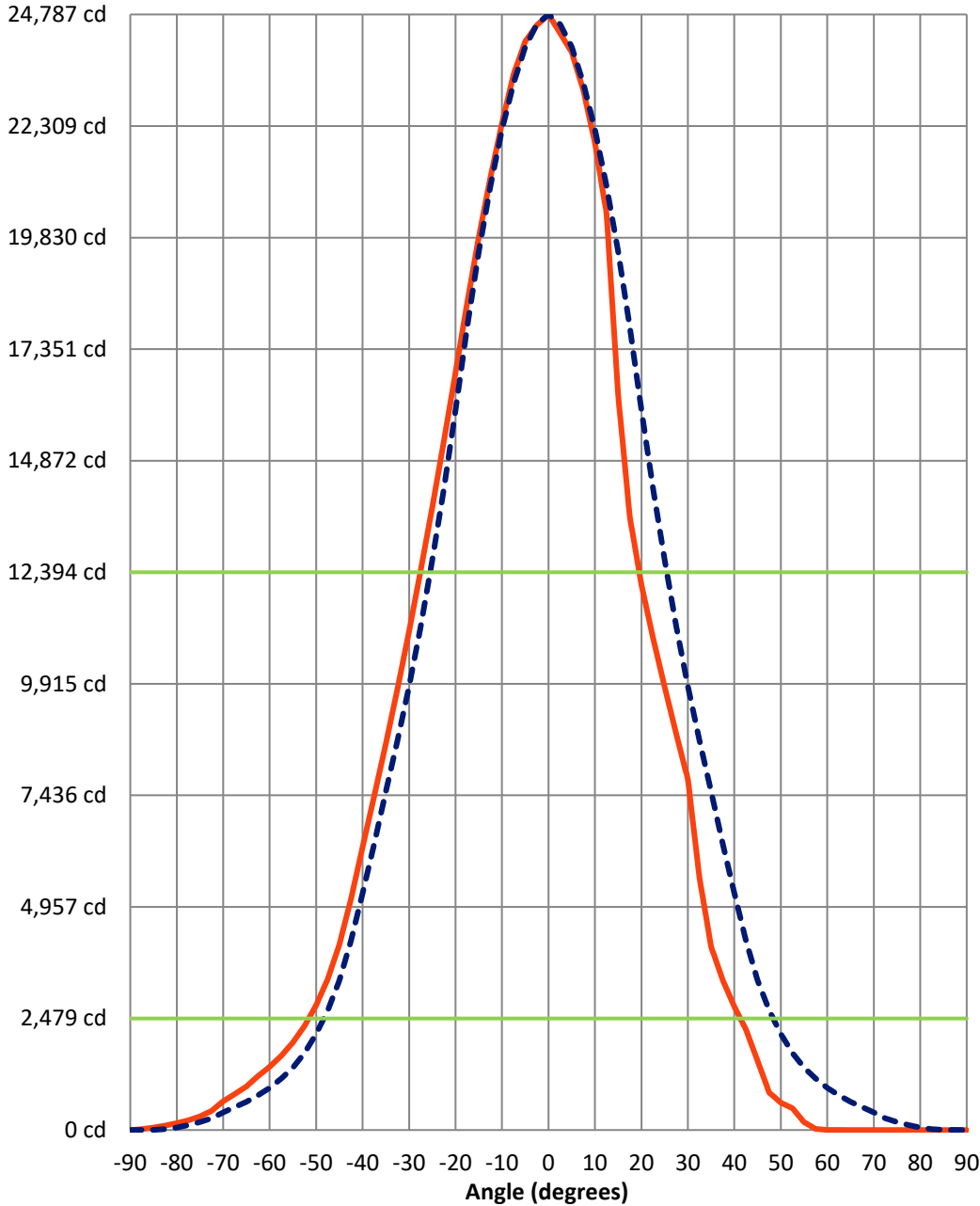
REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-750-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 10528.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 19579
 Efficiency: 89.5%

Spill:
 Lumens: 2288.7
 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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	1.8	1.8
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.4	0.8	1.2	1.6	1.8	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.6	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
67.5°	0.0	0.7	1.4	1.8	1.8	1.8	2.0	1.8	1.8	2.3	2.2
65°	0.0	0.8	1.5	1.8	1.8	2.0	2.2	1.8	2.6	2.9	3.4
62.5°	0.0	0.8	1.7	1.8	1.8	2.4	2.4	2.4	3.4	4.8	7.4
60°	0.0	0.9	1.8	1.8	1.8	2.9	2.8	3.4	4.3	11.7	12.7
57.5°	0.0	1.0	1.8	1.8	2.3	3.4	4.8	4.6	11.5	19.8	21.7
55°	0.0	1.0	1.8	1.8	2.8	3.9	7.3	6.7	21.2	29.8	33.7
52.5°	0.0	1.1	1.9	1.8	3.4	4.9	10.2	16.6	31.6	44.2	47.7
50°	0.0	1.2	1.9	1.8	4.0	8.0	13.5	27.5	44.2	60.2	72.7
47.5°	0.0	1.2	2.0	1.9	4.6	11.3	18.0	38.5	60.6	77.8	98.7
45°	0.0	1.3	2.0	2.4	5.2	14.7	27.6	49.6	77.2	100.7	124.3
42.5°	0.0	1.3	2.1	2.9	5.9	18.4	37.1	62.7	93.7	123.4	152.8
40°	0.0	1.4	2.1	3.5	7.7	22.3	46.7	77.0	110.9	145.6	182.5
37.5°	0.0	1.4	2.2	4.3	10.8	26.3	56.1	91.1	129.4	168.4	212.9
35°	0.0	1.5	2.3	5.1	13.8	32.7	65.5	105.1	148.1	195.6	245.9
32.5°	0.0	1.5	2.3	6.0	16.9	40.1	75.3	118.8	166.8	223.5	283.1
30°	0.0	1.6	2.4	7.0	20.0	47.3	86.4	132.7	185.5	252.0	320.5
27.5°	0.0	1.6	2.5	8.0	23.6	54.3	97.1	147.9	206.0	281.0	358.0
25°	0.0	1.6	2.6	9.0	27.2	61.1	107.5	162.8	229.6	311.9	395.6
22.5°	0.0	1.7	2.7	10.1	30.7	67.6	117.4	177.3	253.0	343.1	433.7
20°	0.0	1.7	2.8	11.2	34.0	74.0	126.9	191.3	276.0	373.6	470.1
17.5°	0.0	1.7	2.9	12.3	37.3	80.0	135.6	204.7	298.4	403.3	504.5
15°	0.0	1.7	3.0	13.4	40.3	85.6	143.7	216.7	320.0	431.9	536.9
12.5°	0.0	1.8	3.1	14.6	43.3	90.8	151.0	226.7	338.0	459.2	567.3
10°	0.0	1.8	3.2	15.6	46.0	95.5	157.7	235.6	352.3	475.3	591.2
7.5°	0.0	1.8	3.3	16.7	48.6	99.8	163.7	243.5	364.9	487.6	603.7
5°	0.0	1.8	3.3	17.7	50.9	103.7	168.9	250.2	375.6	497.4	613.8
2.5°	0.0	1.8	3.4	18.6	53.0	107.0	173.4	255.8	384.5	504.8	621.5
0°	0.0	1.8	3.5	19.5	54.9	109.8	177.1	260.3	391.3	509.9	626.8
-2.5°	0.0	1.9	4.0	20.7	57.4	113.3	181.9	267.8	399.0	517.3	635.1
-5°	0.0	2.0	4.6	21.9	59.6	116.2	185.9	274.1	404.6	522.6	641.0
-7.5°	0.0	2.1	5.1	22.9	61.5	118.5	189.0	279.0	408.1	525.8	644.5
-10°	0.0	2.2	5.6	23.8	63.1	120.3	191.3	282.5	409.6	527.1	645.5
-12.5°	0.0	2.3	6.0	24.6	64.2	121.4	192.6	284.5	409.1	526.3	642.5
-15°	0.0	2.4	6.5	25.2	65.0	122.0	193.0	284.9	406.1	521.8	636.3
-17.5°	0.0	2.5	6.9	25.7	65.4	121.9	192.5	284.3	400.9	515.5	627.7
-20°	0.0	2.5	7.3	26.0	65.3	121.2	191.9	283.0	394.3	507.8	616.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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	2.6	7.6	26.1	64.7	119.9	192.0	280.4	386.6	498.6	603.3
-25°	0.0	2.6	7.9	26.1	63.8	119.4	191.1	276.7	377.7	487.9	587.6
-27.5°	0.0	2.7	8.1	25.9	62.3	118.9	189.3	271.8	367.8	475.7	573.1
-30°	0.0	2.7	8.3	25.6	60.5	117.7	186.5	265.8	359.2	461.9	557.5
-32.5°	0.0	2.7	8.4	25.0	59.7	115.6	182.8	260.8	350.6	447.4	540.8
-35°	0.0	2.7	8.5	24.3	58.5	112.9	179.2	255.3	340.9	432.5	523.0
-37.5°	0.0	2.7	8.6	23.4	56.7	109.9	175.1	248.8	330.1	417.2	502.1
-40°	0.0	2.7	8.5	22.3	54.5	107.2	170.1	241.1	318.2	402.9	479.8
-42.5°	0.0	2.6	8.5	21.2	52.8	103.8	164.1	232.3	307.1	384.4	456.1
-45°	0.0	2.6	8.3	20.4	51.8	99.8	157.1	223.1	295.7	364.5	431.4
-47.5°	0.0	2.5	8.1	19.3	50.2	95.1	149.2	213.7	283.0	344.0	408.6
-50°	0.0	2.5	7.9	18.9	48.1	89.7	142.2	203.2	266.4	325.2	385.0
-52.5°	0.0	2.4	7.6	18.7	45.5	83.6	134.7	191.5	249.8	305.7	361.1
-55°	0.0	2.3	7.2	18.2	42.3	78.7	126.4	179.1	232.8	285.3	338.6
-57.5°	0.0	2.2	6.8	17.5	38.7	73.4	117.3	167.9	214.8	264.7	315.3
-60°	0.0	2.0	6.4	16.5	34.7	67.3	107.6	154.6	196.4	243.4	291.2
-62.5°	0.0	1.9	6.0	15.4	32.3	60.5	98.2	139.7	178.2	221.3	266.4
-65°	0.0	1.8	5.6	14.0	29.5	53.1	87.8	124.1	158.8	198.0	240.6
-67.5°	0.0	1.6	5.1	12.5	26.4	46.5	76.6	108.5	138.3	173.3	212.0
-70°	0.0	1.5	4.6	10.7	23.0	40.8	64.6	92.3	119.0	147.4	181.3
-72.5°	0.0	1.3	4.1	9.5	19.2	34.6	54.9	75.5	99.0	124.0	150.3
-75°	0.0	1.1	3.6	8.3	15.3	28.0	45.1	61.5	78.6	100.0	122.7
-77.5°	0.0	0.9	3.0	7.0	12.6	21.1	34.7	48.4	62.4	77.2	94.4
-80°	0.0	0.8	2.4	5.7	10.2	16.1	24.0	34.9	46.4	58.5	71.1
-82.5°	0.0	0.6	1.8	4.3	7.7	12.2	17.7	23.3	30.1	39.5	49.2
-85°	0.0	0.4	1.2	2.9	5.2	8.2	11.8	15.6	19.9	24.6	29.8
-87.5°	0.0	0.2	0.6	1.4	2.6	4.1	5.9	7.8	10.0	12.3	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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.4	0.9
65°	1.8	1.8	2.5	2.6	1.9	1.8	1.8	1.8	1.9	1.6	1.7
62.5°	2.6	3.2	4.0	6.2	4.6	1.8	3.5	4.1	2.7	2.2	2.4
60°	7.8	5.3	13.6	18.9	12.4	6.6	8.0	16.1	13.2	3.6	9.4
57.5°	15.7	19.3	34.3	36.0	27.7	18.7	41.0	45.4	37.7	23.7	34.1
55°	32.6	45.8	57.9	57.2	57.5	72.3	85.0	83.4	73.6	101.5	127.8
52.5°	61.7	75.4	83.4	90.8	111.5	125.2	129.2	137.0	165.8	200.4	206.6
50°	90.5	104.6	115.2	142.1	163.3	174.1	184.2	210.7	254.3	278.0	281.8
47.5°	119.7	135.5	163.2	192.7	213.2	229.6	247.1	307.2	355.8	376.0	383.4
45°	150.1	177.4	212.1	242.3	266.1	288.3	345.3	427.2	461.5	492.5	571.2
42.5°	181.7	222.8	261.9	293.6	320.4	366.9	446.1	525.5	574.6	640.4	735.4
40°	222.0	268.1	313.4	345.7	379.1	449.5	547.6	631.7	683.6	771.9	880.2
37.5°	263.0	316.8	365.8	399.8	446.7	542.0	657.3	757.9	822.3	894.2	1068.3
35°	303.4	366.5	416.8	462.4	520.4	651.6	793.7	905.8	985.4	1108.5	1328.8
32.5°	346.6	417.1	468.5	530.6	625.9	772.7	947.2	1071.6	1203.6	1380.7	1733.5
30°	392.5	464.6	523.6	598.2	726.0	897.3	1099.8	1256.1	1435.3	1722.9	2103.3
27.5°	438.4	511.8	584.5	679.4	819.7	1004.8	1216.3	1462.8	1694.3	2015.9	2431.7
25°	482.4	559.9	644.2	758.9	910.6	1104.4	1335.3	1619.6	1921.7	2289.6	2777.9
22.5°	524.5	608.8	707.5	830.7	987.4	1198.9	1474.3	1808.2	2171.3	2552.4	3113.5
20°	565.7	663.3	776.6	914.5	1058.0	1286.1	1610.2	2014.6	2469.6	2991.7	3541.5
17.5°	606.4	717.2	848.0	1001.3	1175.1	1408.5	1749.6	2231.0	2784.8	3464.3	4141.3
15°	646.3	770.1	917.0	1087.0	1293.2	1572.3	1959.6	2488.8	3157.9	3971.5	4773.5
12.5°	685.0	821.3	983.3	1170.7	1407.8	1726.4	2157.5	2728.5	3495.1	4467.1	5452.3
10°	722.0	870.5	1046.2	1251.5	1517.6	1869.8	2332.5	2935.8	3749.5	4751.3	5847.0
7.5°	740.9	903.8	1099.9	1328.4	1621.2	2001.4	2484.8	3111.0	3948.3	4979.8	6078.4
5°	754.4	919.0	1120.0	1359.1	1678.1	2091.0	2601.3	3254.2	4094.8	5151.7	6235.2
2.5°	764.7	929.9	1134.7	1376.4	1700.5	2120.8	2639.8	3304.2	4173.4	5241.4	6326.5
0°	771.9	936.6	1143.8	1386.3	1712.1	2135.2	2657.5	3325.0	4206.8	5262.0	6359.7
-2.5°	779.5	945.8	1153.3	1401.7	1728.3	2154.9	2677.1	3339.7	4231.8	5267.7	6377.6
-5°	783.9	950.7	1157.0	1409.2	1733.5	2158.6	2675.7	3325.8	4211.8	5226.4	6338.6
-7.5°	785.1	951.3	1155.0	1407.7	1726.9	2141.9	2647.5	3284.3	4143.2	5142.7	6242.9
-10°	783.2	947.1	1147.3	1394.9	1707.4	2107.1	2596.9	3212.3	4030.3	5004.6	6081.2
-12.5°	777.5	938.2	1133.7	1374.1	1676.2	2057.6	2525.6	3109.8	3873.6	4812.6	5853.2
-15°	768.3	925.0	1114.0	1345.2	1632.9	1994.0	2434.0	2976.7	3671.8	4568.5	5569.3
-17.5°	755.6	907.5	1088.1	1308.4	1577.8	1916.7	2323.3	2820.8	3454.1	4296.0	5253.7
-20°	739.5	885.7	1056.2	1263.8	1514.2	1835.3	2220.6	2682.9	3250.5	3984.1	4881.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	719.9	859.7	1022.4	1221.0	1457.7	1750.8	2105.7	2526.5	3022.0	3623.5	4474.7
-25°	699.8	834.8	989.5	1173.3	1393.3	1655.0	1974.3	2357.6	2806.4	3356.9	4060.7
-27.5°	679.9	806.2	951.6	1118.3	1321.1	1556.2	1850.7	2200.2	2600.1	3068.3	3641.4
-30°	657.5	774.3	909.7	1060.7	1251.8	1470.1	1724.7	2024.1	2379.7	2802.8	3300.9
-32.5°	633.0	740.0	869.1	1010.9	1177.6	1376.4	1596.6	1867.4	2176.8	2525.7	2956.3
-35°	608.6	710.7	827.6	957.2	1098.0	1284.1	1486.4	1711.1	1974.3	2283.3	2627.7
-37.5°	585.3	678.8	783.0	903.9	1035.9	1190.4	1369.3	1572.1	1798.6	2044.5	2342.0
-40°	559.2	644.3	742.9	852.4	969.2	1103.1	1264.3	1436.5	1631.5	1847.8	2077.6
-42.5°	530.8	612.6	702.6	797.0	904.1	1023.7	1157.4	1314.9	1477.0	1658.2	1858.7
-45°	503.0	578.1	660.5	746.6	836.7	942.4	1063.8	1194.8	1338.6	1486.5	1654.9
-47.5°	473.7	542.3	619.0	694.0	773.9	864.1	967.1	1086.0	1205.8	1337.5	1468.1
-50°	444.4	508.8	573.3	643.3	714.8	789.8	876.9	979.5	1088.5	1197.8	1312.8
-52.5°	418.1	473.8	532.1	592.2	657.4	724.1	796.7	881.2	976.6	1072.8	1172.0
-55°	391.4	442.7	490.8	544.7	601.0	661.1	725.8	796.9	868.9	956.6	1041.8
-57.5°	365.2	410.7	452.5	498.4	548.6	599.7	657.9	718.4	783.7	850.0	919.7
-60°	338.9	377.6	415.5	455.2	497.3	542.7	589.7	642.8	698.8	756.3	816.8
-62.5°	311.7	343.1	376.5	412.9	449.9	484.9	524.2	567.7	613.9	663.3	714.5
-65°	281.3	307.4	335.3	366.9	401.7	429.9	460.0	492.7	530.9	571.6	611.8
-67.5°	248.9	271.9	294.7	318.2	346.4	371.6	396.4	422.4	450.9	484.2	516.5
-70°	212.7	235.7	255.8	275.3	293.2	311.2	332.3	352.8	375.8	405.6	435.0
-72.5°	176.0	197.6	216.6	233.1	245.7	256.5	269.4	284.3	306.4	334.1	359.9
-75°	142.3	159.7	177.6	193.4	201.6	204.8	207.4	215.3	237.6	266.1	291.2
-77.5°	110.9	126.0	140.5	154.4	160.1	162.3	163.4	163.3	179.8	204.0	229.5
-80°	81.6	92.2	104.5	116.4	119.8	120.9	121.0	120.2	133.7	151.1	169.8
-82.5°	56.7	64.3	72.2	80.2	81.3	80.7	79.5	78.4	89.3	101.8	114.8
-85°	33.1	36.2	41.0	46.0	46.5	46.3	45.4	44.0	50.1	56.9	64.1
-87.5°	16.5	18.1	19.7	21.3	20.8	19.9	18.9	17.6	19.2	21.0	22.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	1.5	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.8	1.5	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.8	1.6	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.8	1.8	1.3	0.9	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.3	2.2	1.6	1.5	1.7	1.8	1.5	1.3	1.2	1.3	1.5
60°	10.0	5.7	5.9	7.4	6.3	2.9	5.8	7.4	6.9	5.2	4.6
57.5°	50.8	42.6	29.8	49.8	51.3	35.8	38.8	50.6	49.1	37.9	37.8
55°	128.0	129.9	139.4	152.1	161.4	165.7	169.5	188.6	208.9	228.8	238.8
52.5°	211.5	236.2	267.0	287.4	301.6	330.7	371.5	390.3	408.5	429.2	444.2
50°	311.5	354.5	385.4	389.9	438.4	469.9	477.3	512.4	550.7	574.6	591.7
47.5°	463.4	517.8	544.7	561.9	621.0	685.7	685.8	706.0	801.8	852.0	876.2
45°	667.5	712.8	760.4	884.1	997.8	1033.9	1111.1	1215.8	1283.8	1377.3	1480.2
42.5°	841.2	926.4	1045.6	1181.8	1295.8	1390.7	1505.5	1631.2	1782.3	1924.4	2047.0
40°	1013.2	1118.5	1266.3	1414.4	1558.0	1689.5	1874.5	2036.2	2214.4	2409.8	2572.7
37.5°	1237.6	1372.5	1525.2	1712.0	1935.4	2081.4	2335.8	2568.2	2769.0	3004.9	3150.3
35°	1582.2	1758.1	1893.2	2270.9	2542.7	2713.4	3014.6	3396.5	3543.2	3840.3	3981.4
32.5°	2015.5	2249.2	2604.9	3105.0	3468.0	3782.3	4232.5	4620.0	4950.3	5248.8	5559.3
30°	2502.4	2863.0	3387.3	4051.8	4420.5	4860.7	5469.5	5929.0	6447.1	7015.7	7214.9
27.5°	2944.2	3484.4	4093.1	4631.3	5160.8	5709.1	6307.3	6897.7	7458.4	7931.6	8249.1
25°	3353.8	4007.9	4599.4	5174.6	5748.3	6365.9	7042.5	7712.0	8329.0	8815.9	9186.1
22.5°	3776.1	4467.2	5100.0	5683.6	6351.0	7050.8	7770.3	8538.3	9240.4	9745.6	10148.9
20°	4173.3	4941.8	5663.7	6328.2	6959.1	7766.9	8595.5	9410.0	10174.7	10776.3	11241.3
17.5°	4803.6	5470.8	6353.0	7216.3	7927.1	8669.1	9776.3	10617.0	11465.5	12186.1	12679.1
15°	5577.7	6311.4	7222.4	8407.9	9381.8	10232.1	11375.8	12743.5	13744.3	14664.2	15295.3
12.5°	6352.4	7182.3	8167.6	9501.8	10888.4	11889.9	13277.5	15010.5	16176.3	17600.5	18302.6
10°	6946.3	7988.3	9003.1	10220.6	11552.2	12978.4	14474.2	16095.6	17653.2	18876.1	19969.4
7.5°	7185.3	8295.3	9470.0	10712.3	12043.7	13515.7	15110.0	16797.0	18400.1	19766.0	20967.5
5°	7364.0	8501.4	9683.8	10954.1	12377.4	13914.5	15532.5	17303.7	18940.9	20404.9	21634.0
2.5°	7477.6	8625.6	9803.0	11094.4	12591.3	14174.1	15844.1	17662.3	19324.0	20831.2	22056.3
0°	7521.2	8652.5	9858.2	11187.9	12669.8	14256.2	15998.4	17838.0	19512.9	20970.0	22230.6
-2.5°	7527.1	8627.5	9861.9	11185.0	12603.0	14204.3	15967.5	17791.7	19432.6	20883.8	22155.7
-5°	7468.0	8568.0	9803.4	11106.6	12526.5	14115.7	15803.2	17566.0	19131.0	20543.4	21767.9
-7.5°	7348.2	8445.1	9653.3	10926.6	12308.3	13849.7	15470.5	17109.4	18644.6	19999.3	21167.9
-10°	7170.5	8244.3	9410.7	10651.3	11958.6	13424.8	14970.3	16536.2	17975.9	19228.6	20309.3
-12.5°	6929.8	7978.9	9092.7	10277.0	11493.9	12891.8	14351.1	15821.6	17133.9	18277.5	19247.1
-15°	6617.3	7641.8	8720.3	9840.4	11020.5	12284.6	13594.2	14943.1	16153.3	17167.5	18053.3
-17.5°	6249.1	7242.8	8267.0	9305.3	10425.0	11611.0	12826.8	14037.5	15069.7	15970.8	16780.7
-20°	5838.6	6796.0	7768.9	8736.8	9752.7	10849.6	11972.5	13036.0	13938.0	14756.7	15497.9



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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°	5378.4	6294.8	7227.3	8133.1	9049.2	10042.4	11045.1	12006.9	12850.7	13551.0	14195.1
-25°	4885.7	5732.4	6613.0	7462.3	8305.5	9195.5	10106.3	10991.2	11733.8	12341.9	12874.1
-27.5°	4389.3	5163.0	5938.9	6738.4	7517.7	8339.0	9163.7	9928.0	10594.6	11154.5	11601.7
-30°	3867.5	4559.2	5267.7	5991.1	6735.3	7486.9	8232.0	8901.2	9483.1	9975.5	10362.1
-32.5°	3433.8	3959.3	4584.8	5241.5	5939.1	6623.9	7272.0	7882.0	8430.4	8860.4	9188.1
-35°	3018.1	3463.1	3931.6	4512.9	5112.2	5742.4	6338.6	6883.0	7371.8	7747.5	8055.9
-37.5°	2660.8	3012.7	3408.9	3823.9	4326.4	4847.3	5385.4	5897.4	6333.4	6661.1	6936.5
-40°	2351.5	2629.4	2945.9	3274.9	3644.6	4018.9	4487.4	4919.5	5275.3	5581.6	5831.2
-42.5°	2071.9	2306.4	2540.1	2810.0	3088.9	3389.8	3718.6	4038.2	4311.2	4567.6	4779.6
-45°	1830.5	2017.8	2204.2	2412.6	2617.4	2862.1	3097.0	3306.5	3527.8	3719.7	3870.8
-47.5°	1619.5	1765.5	1925.2	2081.2	2245.7	2429.9	2604.8	2764.3	2926.3	3066.7	3179.3
-50°	1431.9	1553.0	1683.4	1805.9	1938.9	2073.7	2203.0	2329.8	2453.0	2559.8	2642.9
-52.5°	1267.7	1373.5	1475.1	1572.7	1678.5	1778.2	1871.9	1976.5	2072.8	2157.0	2213.9
-55°	1127.9	1214.3	1297.5	1379.1	1459.0	1534.6	1609.2	1690.6	1764.9	1831.8	1874.1
-57.5°	996.6	1070.1	1140.6	1207.2	1270.7	1330.8	1393.6	1456.1	1513.4	1563.9	1596.6
-60°	877.2	937.3	998.3	1052.6	1103.8	1151.8	1204.7	1254.7	1300.9	1339.8	1362.4
-62.5°	767.8	821.7	866.7	909.7	953.2	996.5	1034.1	1071.0	1106.6	1136.7	1156.4
-65°	653.4	699.1	737.4	771.9	803.1	836.6	868.6	897.6	923.4	942.9	955.4
-67.5°	551.1	584.7	615.4	642.8	670.6	697.5	722.1	744.1	763.5	777.1	786.1
-70°	462.1	487.8	512.9	537.9	562.7	583.6	601.5	617.9	632.8	639.0	641.8
-72.5°	384.1	406.8	428.9	450.9	471.5	487.8	501.0	513.1	523.9	514.6	498.2
-75°	313.2	333.2	353.8	373.2	391.4	404.0	413.7	422.7	430.9	410.7	382.8
-77.5°	255.2	272.9	288.1	303.3	318.2	326.2	332.4	338.5	344.3	321.7	293.2
-80°	189.4	203.6	216.5	229.3	241.8	246.5	249.3	251.1	252.2	232.8	210.4
-82.5°	127.9	135.3	142.4	149.8	157.4	161.4	164.4	166.8	168.4	154.7	139.2
-85°	71.7	73.9	75.7	77.1	78.4	80.9	83.3	85.5	87.5	81.0	73.8
-87.5°	24.6	24.7	24.6	24.4	24.1	24.2	24.2	24.1	24.0	22.9	21.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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	0.4
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.3
60°	3.5	2.2	1.8	1.8	1.8	2.2	3.5	4.6	5.2	6.9	7.4
57.5°	35.2	30.7	27.6	24.8	27.6	30.7	35.2	37.8	37.9	49.1	50.6
55°	234.5	218.4	198.6	175.3	198.6	218.4	234.5	238.8	228.8	208.9	188.6
52.5°	460.0	475.3	484.1	483.4	484.1	475.3	460.0	444.2	429.2	408.5	390.3
50°	605.4	613.8	614.2	607.3	614.2	613.8	605.4	591.7	574.6	550.7	512.4
47.5°	887.1	875.5	855.5	833.9	855.5	875.5	887.1	876.2	852.0	801.8	706.0
45°	1547.9	1585.2	1582.7	1535.0	1582.7	1585.2	1547.9	1480.2	1377.3	1283.8	1215.8
42.5°	2115.4	2171.3	2210.8	2230.9	2210.8	2171.3	2115.4	2047.0	1924.4	1782.3	1631.2
40°	2664.4	2718.3	2742.1	2740.8	2742.1	2718.3	2664.4	2572.7	2409.8	2214.4	2036.2
37.5°	3244.6	3314.4	3348.2	3332.1	3348.2	3314.4	3244.6	3150.3	3004.9	2769.0	2568.2
35°	4042.4	4107.7	4108.9	4075.7	4108.9	4107.7	4042.4	3981.4	3840.3	3543.2	3396.5
32.5°	5805.8	5827.6	5659.7	5600.2	5659.7	5827.6	5805.8	5559.3	5248.8	4950.3	4620.0
30°	7413.1	7568.1	7712.3	7785.0	7712.3	7568.1	7413.1	7214.9	7015.7	6447.1	5929.0
27.5°	8488.4	8674.8	8790.3	8797.7	8790.3	8674.8	8488.4	8249.1	7931.6	7458.4	6897.7
25°	9466.5	9675.0	9801.0	9844.1	9801.0	9675.0	9466.5	9186.1	8815.9	8329.0	7712.0
22.5°	10491.1	10736.9	10899.7	10933.0	10899.7	10736.9	10491.1	10148.9	9745.6	9240.4	8538.3
20°	11680.0	11966.0	12122.0	12115.7	12122.0	11966.0	11680.0	11241.3	10776.3	10174.7	9410.0
17.5°	13245.1	13551.8	13686.6	13627.7	13686.6	13551.8	13245.1	12679.1	12186.1	11465.5	10617.0
15°	15943.0	16584.6	16582.0	16326.0	16582.0	16584.6	15943.0	15295.3	14664.2	13744.3	12743.5
12.5°	19270.8	19749.0	20239.6	20345.0	20239.6	19749.0	19270.8	18302.6	17600.5	16176.3	15010.5
10°	20890.1	21525.2	21944.3	21933.2	21944.3	21525.2	20890.1	19969.4	18876.1	17653.2	16095.6
7.5°	21903.3	22604.8	23112.7	23101.7	23112.7	22604.8	21903.3	20967.5	19766.0	18400.1	16797.0
5°	22685.0	23463.1	23913.0	23946.3	23913.0	23463.1	22685.0	21634.0	20404.9	18940.9	17303.7
2.5°	23091.2	23903.3	24444.2	24373.0	24444.2	23903.3	23091.2	22056.3	20831.2	19324.0	17662.3
0°	23261.1	24064.9	24569.5	24787.3	24569.5	24064.9	23261.1	22230.6	20970.0	19512.9	17838.0
-2.5°	23186.9	23969.1	24526.7	24548.2	24526.7	23969.1	23186.9	22155.7	20883.8	19432.6	17791.7
-5°	22789.6	23615.0	23988.6	24187.1	23988.6	23615.0	22789.6	21767.9	20543.4	19131.0	17566.0
-7.5°	22149.0	22767.4	23242.0	23461.1	23242.0	22767.4	22149.0	21167.9	19999.3	18644.6	17109.4
-10°	21151.8	21792.1	22193.1	22374.0	22193.1	21792.1	21151.8	20309.3	19228.6	17975.9	16536.2
-12.5°	20047.1	20629.1	21010.4	21163.0	21010.4	20629.1	20047.1	19247.1	18277.5	17133.9	15821.6
-15°	18814.7	19343.1	19694.0	19840.4	19694.0	19343.1	18814.7	18053.3	17167.5	16153.3	14943.1
-17.5°	17458.0	17921.0	18270.7	18376.2	18270.7	17921.0	17458.0	16780.7	15970.8	15069.7	14037.5
-20°	16063.0	16481.6	16769.6	16832.3	16769.6	16481.6	16063.0	15497.9	14756.7	13938.0	13036.0



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	14657.4	15002.2	15236.2	15315.0	15236.2	15002.2	14657.4	14195.1	13551.0	12850.7	12006.9
-25°	13283.7	13581.4	13769.7	13840.1	13769.7	13581.4	13283.7	12874.1	12341.9	11733.8	10991.2
-27.5°	11962.6	12240.0	12413.0	12436.1	12413.0	12240.0	11962.6	11601.7	11154.5	10594.6	9928.0
-30°	10662.7	10891.8	11025.1	11081.7	11025.1	10891.8	10662.7	10362.1	9975.5	9483.1	8901.2
-32.5°	9447.8	9648.0	9767.8	9799.8	9767.8	9648.0	9447.8	9188.1	8860.4	8430.4	7882.0
-35°	8301.0	8485.8	8592.0	8583.5	8592.0	8485.8	8301.0	8055.9	7747.5	7371.8	6883.0
-37.5°	7164.1	7334.7	7431.0	7422.0	7431.0	7334.7	7164.1	6936.5	6661.1	6333.4	5897.4
-40°	6036.3	6183.5	6268.3	6288.9	6268.3	6183.5	6036.3	5831.2	5581.6	5275.3	4919.5
-42.5°	4955.8	5091.6	5159.5	5132.7	5159.5	5091.6	4955.8	4779.6	4567.6	4311.2	4038.2
-45°	3976.5	4046.8	4093.0	4121.8	4093.0	4046.8	3976.5	3870.8	3719.7	3527.8	3306.5
-47.5°	3261.8	3320.0	3351.4	3356.9	3351.4	3320.0	3261.8	3179.3	3066.7	2926.3	2764.3
-50°	2707.4	2757.0	2778.8	2772.6	2778.8	2757.0	2707.4	2642.9	2559.8	2453.0	2329.8
-52.5°	2254.8	2283.5	2302.9	2312.3	2302.9	2283.5	2254.8	2213.9	2157.0	2072.8	1976.5
-55°	1905.9	1928.3	1941.4	1945.8	1941.4	1928.3	1905.9	1874.1	1831.8	1764.9	1690.6
-57.5°	1623.9	1645.1	1652.9	1650.1	1652.9	1645.1	1623.9	1596.6	1563.9	1513.4	1456.1
-60°	1379.9	1392.0	1401.2	1405.8	1401.2	1392.0	1379.9	1362.4	1339.8	1300.9	1254.7
-62.5°	1172.2	1183.6	1193.1	1198.6	1193.1	1183.6	1172.2	1156.4	1136.7	1106.6	1071.0
-65°	964.2	969.3	970.7	968.5	970.7	969.3	964.2	955.4	942.9	923.4	897.6
-67.5°	792.7	796.9	799.8	800.3	799.8	796.9	792.7	786.1	777.1	763.5	744.1
-70°	644.5	646.3	644.2	639.2	644.2	646.3	644.5	641.8	639.0	632.8	617.9
-72.5°	481.4	463.7	446.2	426.7	446.2	463.7	481.4	498.2	514.6	523.9	513.1
-75°	353.9	324.1	313.3	302.8	313.3	324.1	353.9	382.8	410.7	430.9	422.7
-77.5°	263.2	232.1	223.8	216.0	223.8	232.1	263.2	293.2	321.7	344.3	338.5
-80°	187.0	162.8	157.5	152.3	157.5	162.8	187.0	210.4	232.8	252.2	251.1
-82.5°	122.9	106.0	102.5	99.1	102.5	106.0	122.9	139.2	154.7	168.4	166.8
-85°	66.1	58.2	56.6	54.9	56.6	58.2	66.1	73.8	81.0	87.5	85.5
-87.5°	20.7	19.4	19.5	19.5	19.5	19.4	20.7	21.8	22.9	24.0	24.1
-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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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	0.4	0.8	1.1	1.5	1.4	1.4	1.3	1.3
85°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
82.5°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
80°	0.0	0.0	0.1	0.5	1.0	1.4	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.0	0.1	0.6	1.0	1.5	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.0	0.1	0.6	1.1	1.5	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.0	0.1	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.5	1.8	1.8	1.8
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.4	1.8	1.8
65°	0.4	0.3	0.4	0.9	1.3	1.8	1.8	1.7	1.6	1.9	1.8
62.5°	1.5	1.8	1.7	1.5	1.6	2.2	2.3	2.4	2.2	2.7	4.1
60°	5.8	2.9	6.3	7.4	5.9	5.7	10.0	9.4	3.6	13.2	16.1
57.5°	38.8	35.8	51.3	49.8	29.8	42.6	50.8	34.1	23.7	37.7	45.4
55°	169.5	165.7	161.4	152.1	139.4	129.9	128.0	127.8	101.5	73.6	83.4
52.5°	371.5	330.7	301.6	287.4	267.0	236.2	211.5	206.6	200.4	165.8	137.0
50°	477.3	469.9	438.4	389.9	385.4	354.5	311.5	281.8	278.0	254.3	210.7
47.5°	685.8	685.7	621.0	561.9	544.7	517.8	463.4	383.4	376.0	355.8	307.2
45°	1111.1	1033.9	997.8	884.1	760.4	712.8	667.5	571.2	492.5	461.5	427.2
42.5°	1505.5	1390.7	1295.8	1181.8	1045.6	926.4	841.2	735.4	640.4	574.6	525.5
40°	1874.5	1689.5	1558.0	1414.4	1266.3	1118.5	1013.2	880.2	771.9	683.6	631.7
37.5°	2335.8	2081.4	1935.4	1712.0	1525.2	1372.5	1237.6	1068.3	894.2	822.3	757.9
35°	3014.6	2713.4	2542.7	2270.9	1893.2	1758.1	1582.2	1328.8	1108.5	985.4	905.8
32.5°	4232.5	3782.3	3468.0	3105.0	2604.9	2249.2	2015.5	1733.5	1380.7	1203.6	1071.6
30°	5469.5	4860.7	4420.5	4051.8	3387.3	2863.0	2502.4	2103.3	1722.9	1435.3	1256.1
27.5°	6307.3	5709.1	5160.8	4631.3	4093.1	3484.4	2944.2	2431.7	2015.9	1694.3	1462.8
25°	7042.5	6365.9	5748.3	5174.6	4599.4	4007.9	3353.8	2777.9	2289.6	1921.7	1619.6
22.5°	7770.3	7050.8	6351.0	5683.6	5100.0	4467.2	3776.1	3113.5	2552.4	2171.3	1808.2
20°	8595.5	7766.9	6959.1	6328.2	5663.7	4941.8	4173.3	3541.5	2991.7	2469.6	2014.6
17.5°	9776.3	8669.1	7927.1	7216.3	6353.0	5470.8	4803.6	4141.3	3464.3	2784.8	2231.0
15°	11375.8	10232.1	9381.8	8407.9	7222.4	6311.4	5577.7	4773.5	3971.5	3157.9	2488.8
12.5°	13277.5	11889.9	10888.4	9501.8	8167.6	7182.3	6352.4	5452.3	4467.1	3495.1	2728.5
10°	14474.2	12978.4	11552.2	10220.6	9003.1	7988.3	6946.3	5847.0	4751.3	3749.5	2935.8
7.5°	15110.0	13515.7	12043.7	10712.3	9470.0	8295.3	7185.3	6078.4	4979.8	3948.3	3111.0
5°	15532.5	13914.5	12377.4	10954.1	9683.8	8501.4	7364.0	6235.2	5151.7	4094.8	3254.2
2.5°	15844.1	14174.1	12591.3	11094.4	9803.0	8625.6	7477.6	6326.5	5241.4	4173.4	3304.2
0°	15998.4	14256.2	12669.8	11187.9	9858.2	8652.5	7521.2	6359.7	5262.0	4206.8	3325.0
-2.5°	15967.5	14204.3	12603.0	11185.0	9861.9	8627.5	7527.1	6377.6	5267.7	4231.8	3339.7
-5°	15803.2	14115.7	12526.5	11106.6	9803.4	8568.0	7468.0	6338.6	5226.4	4211.8	3325.8
-7.5°	15470.5	13849.7	12308.3	10926.6	9653.3	8445.1	7348.2	6242.9	5142.7	4143.2	3284.3
-10°	14970.3	13424.8	11958.6	10651.3	9410.7	8244.3	7170.5	6081.2	5004.6	4030.3	3212.3
-12.5°	14351.1	12891.8	11493.9	10277.0	9092.7	7978.9	6929.8	5853.2	4812.6	3873.6	3109.8
-15°	13594.2	12284.6	11020.5	9840.4	8720.3	7641.8	6617.3	5569.3	4568.5	3671.8	2976.7
-17.5°	12826.8	11611.0	10425.0	9305.3	8267.0	7242.8	6249.1	5253.7	4296.0	3454.1	2820.8
-20°	11972.5	10849.6	9752.7	8736.8	7768.9	6796.0	5838.6	4881.3	3984.1	3250.5	2682.9



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	11045.1	10042.4	9049.2	8133.1	7227.3	6294.8	5378.4	4474.7	3623.5	3022.0	2526.5
-25°	10106.3	9195.5	8305.5	7462.3	6613.0	5732.4	4885.7	4060.7	3356.9	2806.4	2357.6
-27.5°	9163.7	8339.0	7517.7	6738.4	5938.9	5163.0	4389.3	3641.4	3068.3	2600.1	2200.2
-30°	8232.0	7486.9	6735.3	5991.1	5267.7	4559.2	3867.5	3300.9	2802.8	2379.7	2024.1
-32.5°	7272.0	6623.9	5939.1	5241.5	4584.8	3959.3	3433.8	2956.3	2525.7	2176.8	1867.4
-35°	6338.6	5742.4	5112.2	4512.9	3931.6	3463.1	3018.1	2627.7	2283.3	1974.3	1711.1
-37.5°	5385.4	4847.3	4326.4	3823.9	3408.9	3012.7	2660.8	2342.0	2044.5	1798.6	1572.1
-40°	4487.4	4018.9	3644.6	3274.9	2945.9	2629.4	2351.5	2077.6	1847.8	1631.5	1436.5
-42.5°	3718.6	3389.8	3088.9	2810.0	2540.1	2306.4	2071.9	1858.7	1658.2	1477.0	1314.9
-45°	3097.0	2862.1	2617.4	2412.6	2204.2	2017.8	1830.5	1654.9	1486.5	1338.6	1194.8
-47.5°	2604.8	2429.9	2245.7	2081.2	1925.2	1765.5	1619.5	1468.1	1337.5	1205.8	1086.0
-50°	2203.0	2073.7	1938.9	1805.9	1683.4	1553.0	1431.9	1312.8	1197.8	1088.5	979.5
-52.5°	1871.9	1778.2	1678.5	1572.7	1475.1	1373.5	1267.7	1172.0	1072.8	976.6	881.2
-55°	1609.2	1534.6	1459.0	1379.1	1297.5	1214.3	1127.9	1041.8	956.6	868.9	796.9
-57.5°	1393.6	1330.8	1270.7	1207.2	1140.6	1070.1	996.6	919.7	850.0	783.7	718.4
-60°	1204.7	1151.8	1103.8	1052.6	998.3	937.3	877.2	816.8	756.3	698.8	642.8
-62.5°	1034.1	996.5	953.2	909.7	866.7	821.7	767.8	714.5	663.3	613.9	567.7
-65°	868.6	836.6	803.1	771.9	737.4	699.1	653.4	611.8	571.6	530.9	492.7
-67.5°	722.1	697.5	670.6	642.8	615.4	584.7	551.1	516.5	484.2	450.9	422.4
-70°	601.5	583.6	562.7	537.9	512.9	487.8	462.1	435.0	405.6	375.8	352.8
-72.5°	501.0	487.8	471.5	450.9	428.9	406.8	384.1	359.9	334.1	306.4	284.3
-75°	413.7	404.0	391.4	373.2	353.8	333.2	313.2	291.2	266.1	237.6	215.3
-77.5°	332.4	326.2	318.2	303.3	288.1	272.9	255.2	229.5	204.0	179.8	163.3
-80°	249.3	246.5	241.8	229.3	216.5	203.6	189.4	169.8	151.1	133.7	120.2
-82.5°	164.4	161.4	157.4	149.8	142.4	135.3	127.9	114.8	101.8	89.3	78.4
-85°	83.3	80.9	78.4	77.1	75.7	73.9	71.7	64.1	56.9	50.1	44.0
-87.5°	24.2	24.2	24.1	24.4	24.6	24.7	24.6	22.8	21.0	19.2	17.6
-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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.8	1.8	1.8
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	2.2	2.3	1.8	1.8
65°	1.8	1.8	1.9	2.6	2.5	1.8	1.8	3.4	2.9	2.6	1.8
62.5°	3.5	1.8	4.6	6.2	4.0	3.2	2.6	7.4	4.8	3.4	2.4
60°	8.0	6.6	12.4	18.9	13.6	5.3	7.8	12.7	11.7	4.3	3.4
57.5°	41.0	18.7	27.7	36.0	34.3	19.3	15.7	21.7	19.8	11.5	4.6
55°	85.0	72.3	57.5	57.2	57.9	45.8	32.6	33.7	29.8	21.2	6.7
52.5°	129.2	125.2	111.5	90.8	83.4	75.4	61.7	47.7	44.2	31.6	16.6
50°	184.2	174.1	163.3	142.1	115.2	104.6	90.5	72.7	60.2	44.2	27.5
47.5°	247.1	229.6	213.2	192.7	163.2	135.5	119.7	98.7	77.8	60.6	38.5
45°	345.3	288.3	266.1	242.3	212.1	177.4	150.1	124.3	100.7	77.2	49.6
42.5°	446.1	366.9	320.4	293.6	261.9	222.8	181.7	152.8	123.4	93.7	62.7
40°	547.6	449.5	379.1	345.7	313.4	268.1	222.0	182.5	145.6	110.9	77.0
37.5°	657.3	542.0	446.7	399.8	365.8	316.8	263.0	212.9	168.4	129.4	91.1
35°	793.7	651.6	520.4	462.4	416.8	366.5	303.4	245.9	195.6	148.1	105.1
32.5°	947.2	772.7	625.9	530.6	468.5	417.1	346.6	283.1	223.5	166.8	118.8
30°	1099.8	897.3	726.0	598.2	523.6	464.6	392.5	320.5	252.0	185.5	132.7
27.5°	1216.3	1004.8	819.7	679.4	584.5	511.8	438.4	358.0	281.0	206.0	147.9
25°	1335.3	1104.4	910.6	758.9	644.2	559.9	482.4	395.6	311.9	229.6	162.8
22.5°	1474.3	1198.9	987.4	830.7	707.5	608.8	524.5	433.7	343.1	253.0	177.3
20°	1610.2	1286.1	1058.0	914.5	776.6	663.3	565.7	470.1	373.6	276.0	191.3
17.5°	1749.6	1408.5	1175.1	1001.3	848.0	717.2	606.4	504.5	403.3	298.4	204.7
15°	1959.6	1572.3	1293.2	1087.0	917.0	770.1	646.3	536.9	431.9	320.0	216.7
12.5°	2157.5	1726.4	1407.8	1170.7	983.3	821.3	685.0	567.3	459.2	338.0	226.7
10°	2332.5	1869.8	1517.6	1251.5	1046.2	870.5	722.0	591.2	475.3	352.3	235.6
7.5°	2484.8	2001.4	1621.2	1328.4	1099.9	903.8	740.9	603.7	487.6	364.9	243.5
5°	2601.3	2091.0	1678.1	1359.1	1120.0	919.0	754.4	613.8	497.4	375.6	250.2
2.5°	2639.8	2120.8	1700.5	1376.4	1134.7	929.9	764.7	621.5	504.8	384.5	255.8
0°	2657.5	2135.2	1712.1	1386.3	1143.8	936.6	771.9	626.8	509.9	391.3	260.3
-2.5°	2677.1	2154.9	1728.3	1401.7	1153.3	945.8	779.5	635.1	517.3	399.0	267.8
-5°	2675.7	2158.6	1733.5	1409.2	1157.0	950.7	783.9	641.0	522.6	404.6	274.1
-7.5°	2647.5	2141.9	1726.9	1407.7	1155.0	951.3	785.1	644.5	525.8	408.1	279.0
-10°	2596.9	2107.1	1707.4	1394.9	1147.3	947.1	783.2	645.5	527.1	409.6	282.5
-12.5°	2525.6	2057.6	1676.2	1374.1	1133.7	938.2	777.5	642.5	526.3	409.1	284.5
-15°	2434.0	1994.0	1632.9	1345.2	1114.0	925.0	768.3	636.3	521.8	406.1	284.9
-17.5°	2323.3	1916.7	1577.8	1308.4	1088.1	907.5	755.6	627.7	515.5	400.9	284.3
-20°	2220.6	1835.3	1514.2	1263.8	1056.2	885.7	739.5	616.6	507.8	394.3	283.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	2105.7	1750.8	1457.7	1221.0	1022.4	859.7	719.9	603.3	498.6	386.6	280.4
-25°	1974.3	1655.0	1393.3	1173.3	989.5	834.8	699.8	587.6	487.9	377.7	276.7
-27.5°	1850.7	1556.2	1321.1	1118.3	951.6	806.2	679.9	573.1	475.7	367.8	271.8
-30°	1724.7	1470.1	1251.8	1060.7	909.7	774.3	657.5	557.5	461.9	359.2	265.8
-32.5°	1596.6	1376.4	1177.6	1010.9	869.1	740.0	633.0	540.8	447.4	350.6	260.8
-35°	1486.4	1284.1	1098.0	957.2	827.6	710.7	608.6	523.0	432.5	340.9	255.3
-37.5°	1369.3	1190.4	1035.9	903.9	783.0	678.8	585.3	502.1	417.2	330.1	248.8
-40°	1264.3	1103.1	969.2	852.4	742.9	644.3	559.2	479.8	402.9	318.2	241.1
-42.5°	1157.4	1023.7	904.1	797.0	702.6	612.6	530.8	456.1	384.4	307.1	232.3
-45°	1063.8	942.4	836.7	746.6	660.5	578.1	503.0	431.4	364.5	295.7	223.1
-47.5°	967.1	864.1	773.9	694.0	619.0	542.3	473.7	408.6	344.0	283.0	213.7
-50°	876.9	789.8	714.8	643.3	573.3	508.8	444.4	385.0	325.2	266.4	203.2
-52.5°	796.7	724.1	657.4	592.2	532.1	473.8	418.1	361.1	305.7	249.8	191.5
-55°	725.8	661.1	601.0	544.7	490.8	442.7	391.4	338.6	285.3	232.8	179.1
-57.5°	657.9	599.7	548.6	498.4	452.5	410.7	365.2	315.3	264.7	214.8	167.9
-60°	589.7	542.7	497.3	455.2	415.5	377.6	338.9	291.2	243.4	196.4	154.6
-62.5°	524.2	484.9	449.9	412.9	376.5	343.1	311.7	266.4	221.3	178.2	139.7
-65°	460.0	429.9	401.7	366.9	335.3	307.4	281.3	240.6	198.0	158.8	124.1
-67.5°	396.4	371.6	346.4	318.2	294.7	271.9	248.9	212.0	173.3	138.3	108.5
-70°	332.3	311.2	293.2	275.3	255.8	235.7	212.7	181.3	147.4	119.0	92.3
-72.5°	269.4	256.5	245.7	233.1	216.6	197.6	176.0	150.3	124.0	99.0	75.5
-75°	207.4	204.8	201.6	193.4	177.6	159.7	142.3	122.7	100.0	78.6	61.5
-77.5°	163.4	162.3	160.1	154.4	140.5	126.0	110.9	94.4	77.2	62.4	48.4
-80°	121.0	120.9	119.8	116.4	104.5	92.2	81.6	71.1	58.5	46.4	34.9
-82.5°	79.5	80.7	81.3	80.2	72.2	64.3	56.7	49.2	39.5	30.1	23.3
-85°	45.4	46.3	46.5	46.0	41.0	36.2	33.1	29.8	24.6	19.9	15.6
-87.5°	18.9	19.9	20.8	21.3	19.7	18.1	16.5	14.9	12.3	10.0	7.8
-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: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.4	0.0
75°	1.8	1.8	1.8	1.4	0.9	0.5	0.0
72.5°	1.8	1.8	1.8	1.6	1.1	0.5	0.0
70°	1.8	1.8	1.8	1.8	1.2	0.6	0.0
67.5°	2.0	1.8	1.8	1.8	1.4	0.7	0.0
65°	2.2	2.0	1.8	1.8	1.5	0.8	0.0
62.5°	2.4	2.4	1.8	1.8	1.7	0.8	0.0
60°	2.8	2.9	1.8	1.8	1.8	0.9	0.0
57.5°	4.8	3.4	2.3	1.8	1.8	1.0	0.0
55°	7.3	3.9	2.8	1.8	1.8	1.0	0.0
52.5°	10.2	4.9	3.4	1.8	1.9	1.1	0.0
50°	13.5	8.0	4.0	1.8	1.9	1.2	0.0
47.5°	18.0	11.3	4.6	1.9	2.0	1.2	0.0
45°	27.6	14.7	5.2	2.4	2.0	1.3	0.0
42.5°	37.1	18.4	5.9	2.9	2.1	1.3	0.0
40°	46.7	22.3	7.7	3.5	2.1	1.4	0.0
37.5°	56.1	26.3	10.8	4.3	2.2	1.4	0.0
35°	65.5	32.7	13.8	5.1	2.3	1.5	0.0
32.5°	75.3	40.1	16.9	6.0	2.3	1.5	0.0
30°	86.4	47.3	20.0	7.0	2.4	1.6	0.0
27.5°	97.1	54.3	23.6	8.0	2.5	1.6	0.0
25°	107.5	61.1	27.2	9.0	2.6	1.6	0.0
22.5°	117.4	67.6	30.7	10.1	2.7	1.7	0.0
20°	126.9	74.0	34.0	11.2	2.8	1.7	0.0
17.5°	135.6	80.0	37.3	12.3	2.9	1.7	0.0
15°	143.7	85.6	40.3	13.4	3.0	1.7	0.0
12.5°	151.0	90.8	43.3	14.6	3.1	1.8	0.0
10°	157.7	95.5	46.0	15.6	3.2	1.8	0.0
7.5°	163.7	99.8	48.6	16.7	3.3	1.8	0.0
5°	168.9	103.7	50.9	17.7	3.3	1.8	0.0
2.5°	173.4	107.0	53.0	18.6	3.4	1.8	0.0
0°	177.1	109.8	54.9	19.5	3.5	1.8	0.0
-2.5°	181.9	113.3	57.4	20.7	4.0	1.9	0.0
-5°	185.9	116.2	59.6	21.9	4.6	2.0	0.0
-7.5°	189.0	118.5	61.5	22.9	5.1	2.1	0.0
-10°	191.3	120.3	63.1	23.8	5.6	2.2	0.0
-12.5°	192.6	121.4	64.2	24.6	6.0	2.3	0.0
-15°	193.0	122.0	65.0	25.2	6.5	2.4	0.0
-17.5°	192.5	121.9	65.4	25.7	6.9	2.5	0.0
-20°	191.9	121.2	65.3	26.0	7.3	2.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627302 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	192.0	119.9	64.7	26.1	7.6	2.6	0.0
-25°	191.1	119.4	63.8	26.1	7.9	2.6	0.0
-27.5°	189.3	118.9	62.3	25.9	8.1	2.7	0.0
-30°	186.5	117.7	60.5	25.6	8.3	2.7	0.0
-32.5°	182.8	115.6	59.7	25.0	8.4	2.7	0.0
-35°	179.2	112.9	58.5	24.3	8.5	2.7	0.0
-37.5°	175.1	109.9	56.7	23.4	8.6	2.7	0.0
-40°	170.1	107.2	54.5	22.3	8.5	2.7	0.0
-42.5°	164.1	103.8	52.8	21.2	8.5	2.6	0.0
-45°	157.1	99.8	51.8	20.4	8.3	2.6	0.0
-47.5°	149.2	95.1	50.2	19.3	8.1	2.5	0.0
-50°	142.2	89.7	48.1	18.9	7.9	2.5	0.0
-52.5°	134.7	83.6	45.5	18.7	7.6	2.4	0.0
-55°	126.4	78.7	42.3	18.2	7.2	2.3	0.0
-57.5°	117.3	73.4	38.7	17.5	6.8	2.2	0.0
-60°	107.6	67.3	34.7	16.5	6.4	2.0	0.0
-62.5°	98.2	60.5	32.3	15.4	6.0	1.9	0.0
-65°	87.8	53.1	29.5	14.0	5.6	1.8	0.0
-67.5°	76.6	46.5	26.4	12.5	5.1	1.6	0.0
-70°	64.6	40.8	23.0	10.7	4.6	1.5	0.0
-72.5°	54.9	34.6	19.2	9.5	4.1	1.3	0.0
-75°	45.1	28.0	15.3	8.3	3.6	1.1	0.0
-77.5°	34.7	21.1	12.6	7.0	3.0	0.9	0.0
-80°	24.0	16.1	10.2	5.7	2.4	0.8	0.0
-82.5°	17.7	12.2	7.7	4.3	1.8	0.6	0.0
-85°	11.8	8.2	5.2	2.9	1.2	0.4	0.0
-87.5°	5.9	4.1	2.6	1.4	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)