

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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

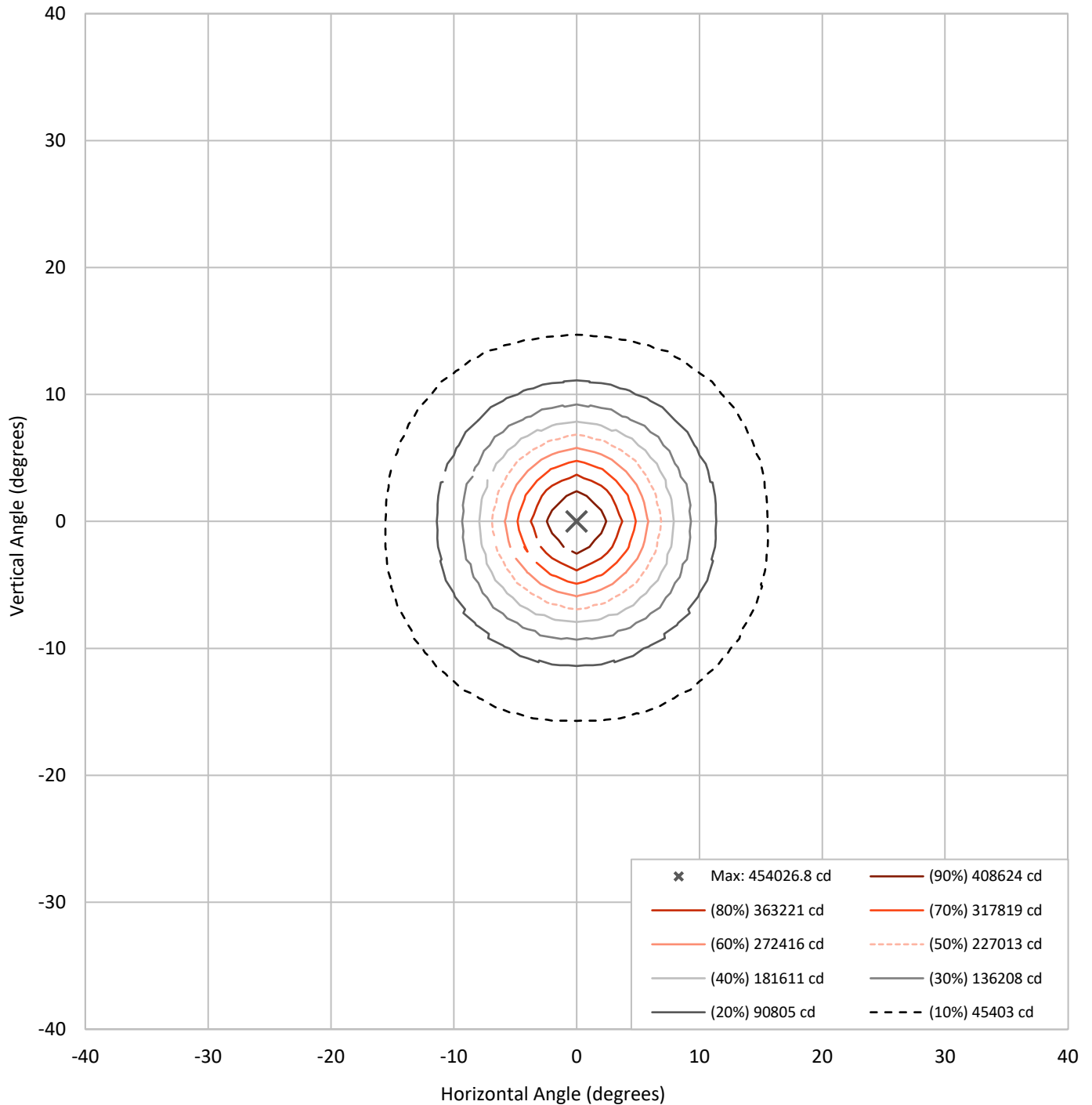
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	44790.6 lumens	Max Intensity:	454026.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	14299.2 lumens	Field Lumens:	31849 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	325.9		
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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

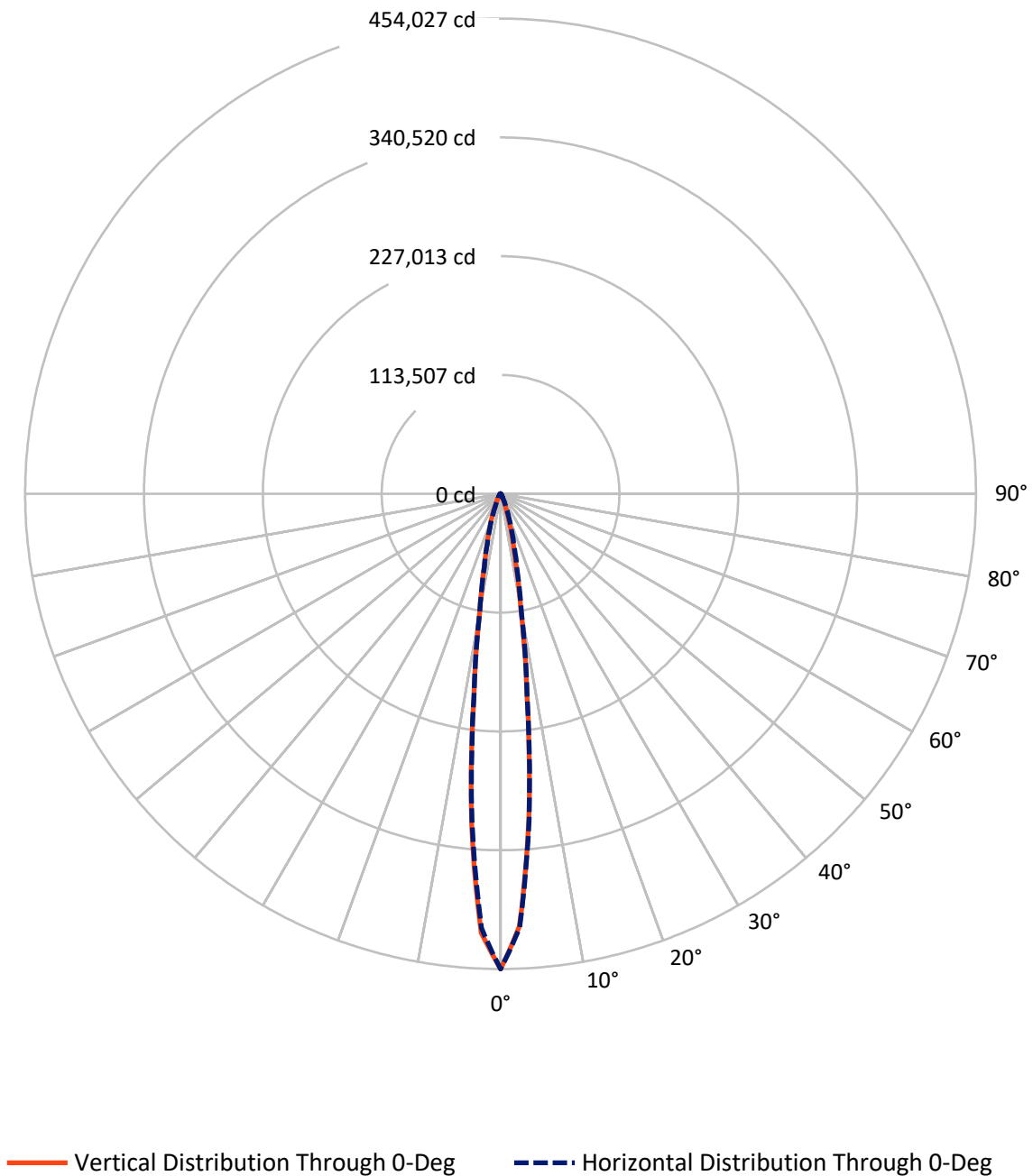
CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.1	2.5	4.0	5.3	6.4	6.4	5.3	4.0	2.5	1.1	0.3	0.1				
40	0.2	0.3	1.3	3.9	7.3	10.7	15.1	17.8	17.8	15.1	10.7	7.3	3.9	1.3	0.3				
30		0.6	3.2	7.6	13.6	21.4	36.4	46.4	46.4	36.4	21.4	13.6	7.6	3.2	0.6				
20	0.4	1.3	5.0	11.5	21.0	45.6	121.7	201.5	201.5	121.7	45.6	21.0	11.5	5.0	1.3				
10		1.9	6.9	16.0	34.7	136.2	574.2	1262.1	1262.1	574.2	136.2	34.7	16.0	6.9	1.9				
0	0.7	2.4	8.3	18.7	47.0	255.7	1375.8	6170.2	6170.2	1375.8	255.7	47.0	18.7	8.3	2.4				
-10		2.8	9.1	19.7	50.5	272.4	1424.1	6274.9	6274.9	1424.1	272.4	50.5	19.7	9.1	2.8				
-20	0.9	2.9	9.2	19.4	44.3	173.3	691.3	1478.6	1478.6	691.3	173.3	44.3	19.4	9.2	2.9				
-30		2.8	8.8	17.8	34.2	81.0	213.0	355.0	355.0	213.0	81.0	34.2	17.8	8.8	2.8				
-40	0.8	2.4	7.9	15.7	26.8	44.5	72.4	92.0	92.0	72.4	44.5	26.8	15.7	7.9	2.4				
-50		2.0	6.5	13.1	21.7	31.1	41.8	46.6	46.6	41.8	31.1	21.7	13.1	6.5	2.0				
-60	0.5	1.5	4.9	10.3	17.1	23.9	30.2	33.0	33.0	30.2	23.9	17.1	10.3	4.9	1.5				
-70		1.0	3.0	6.6	11.4	16.6	21.0	23.1	23.1	21.0	16.6	11.4	6.6	3.0	1.0				
-80	0.2	2.7	11.3	24.8	31.4	24.8	11.3	2.7	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

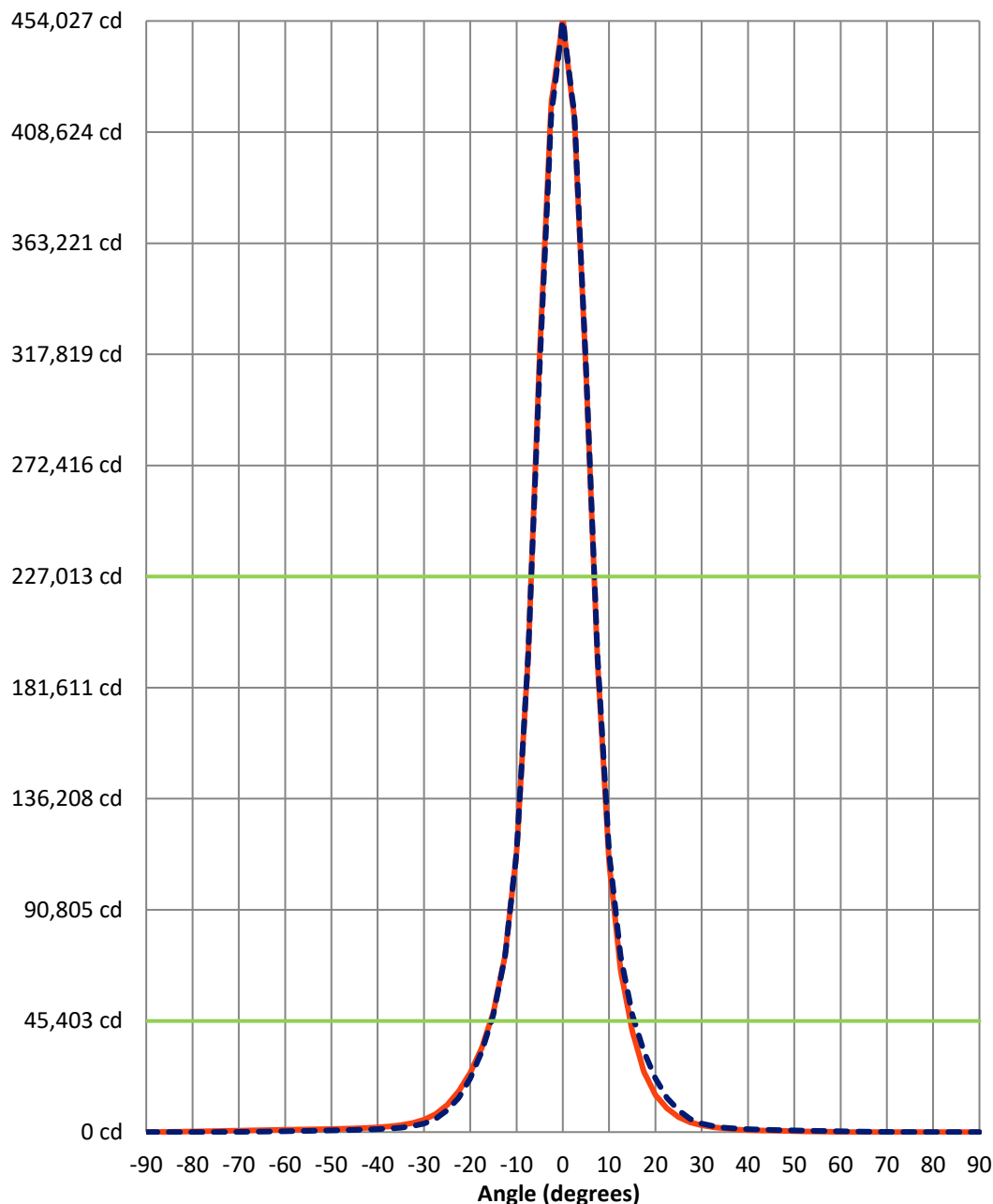
REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 14299.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 31849
 Efficiency: 71.1%

Spill:
 Lumens: 12941.6
 Efficiency: 28.9%

— 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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.3	0.2	0.0	0.2	0.8	0.3	0.0	0.2	0.8	0.4
72.5°	0.0	1.5	0.3	0.0	1.0	1.4	0.5	0.6	2.0	2.1	0.9
70°	0.0	1.7	0.4	0.2	1.9	2.2	1.1	2.9	4.0	3.6	1.3
67.5°	0.0	2.0	0.6	1.1	2.9	3.0	3.4	5.4	6.2	3.9	1.6
65°	0.0	2.2	0.8	2.1	3.9	4.1	5.5	8.0	6.5	4.2	2.9
62.5°	0.0	2.5	1.0	3.1	4.9	5.5	7.6	9.0	6.8	5.0	6.0
60°	0.0	2.7	1.3	4.1	6.0	6.7	9.4	9.3	7.2	6.9	8.8
57.5°	0.0	3.0	2.1	5.1	6.7	7.8	9.6	9.6	8.1	8.6	9.6
55°	0.0	3.2	2.9	6.1	7.4	8.9	9.6	9.6	8.9	9.6	9.6
52.5°	0.0	3.5	3.6	7.1	8.0	9.6	9.6	9.6	9.4	9.6	9.6
50°	0.0	3.8	4.3	8.2	8.5	9.6	9.6	9.6	9.6	9.6	11.2
47.5°	0.0	4.1	5.0	9.1	8.9	9.6	9.6	9.6	9.6	9.6	13.3
45°	0.0	4.4	5.6	9.3	9.2	9.6	9.6	9.6	9.9	11.9	15.8
42.5°	0.0	4.7	6.2	9.5	9.5	9.6	9.6	10.0	10.6	14.6	21.2
40°	0.0	5.0	6.7	9.6	9.6	9.6	9.6	10.7	12.2	17.6	27.4
37.5°	0.0	5.3	7.2	9.6	9.6	9.6	9.6	11.7	15.6	22.2	33.8
35°	0.0	5.6	7.6	9.6	9.6	9.6	9.6	12.8	19.1	28.2	41.4
32.5°	0.0	5.9	8.0	9.6	9.6	9.6	9.9	14.1	22.8	34.1	51.3
30°	0.0	6.2	8.3	9.6	9.6	9.6	10.9	16.0	26.7	39.8	62.2
27.5°	0.0	6.5	8.6	9.6	9.6	9.6	12.0	19.1	30.9	45.2	73.8
25°	0.0	6.9	8.8	9.6	9.6	9.6	13.1	22.2	35.5	53.3	86.2
22.5°	0.0	7.2	9.0	9.6	9.6	9.8	14.3	25.3	39.9	63.0	101.0
20°	0.0	7.5	9.2	9.6	9.6	10.5	15.5	28.3	44.0	72.8	114.5
17.5°	0.0	7.8	9.3	9.6	9.6	11.3	17.2	31.3	47.9	82.6	126.8
15°	0.0	8.1	9.4	9.6	9.6	12.3	19.2	34.3	51.5	92.4	138.1
12.5°	0.0	8.4	9.5	9.6	9.6	13.4	21.0	37.2	56.4	101.9	148.1
10°	0.0	8.6	9.5	9.6	9.6	14.6	22.8	39.9	62.6	110.7	157.0
7.5°	0.0	8.9	9.6	9.6	9.6	15.7	24.4	42.3	68.8	118.2	164.8
5°	0.0	9.1	9.6	9.6	9.6	16.9	26.0	44.5	75.0	124.7	171.7
2.5°	0.0	9.4	9.6	9.6	9.6	18.1	27.5	46.4	81.0	130.1	177.6
0°	0.0	9.6	9.6	9.6	9.6	19.2	28.8	48.1	86.5	134.5	182.6
-2.5°	0.0	9.6	9.6	9.6	10.4	20.2	31.3	51.0	91.4	138.1	188.8
-5°	0.0	9.6	9.6	9.6	11.3	21.1	33.7	53.6	95.6	140.9	193.9
-7.5°	0.0	9.5	9.6	9.6	12.0	22.0	35.8	56.0	99.1	143.0	197.7
-10°	0.0	9.5	9.6	9.6	12.8	22.7	37.7	58.0	101.6	144.6	200.0
-12.5°	0.0	9.4	9.6	9.6	13.4	23.3	39.3	59.8	103.2	146.0	203.8
-15°	0.0	9.3	9.6	9.6	13.9	23.8	40.5	61.3	103.5	148.9	207.3
-17.5°	0.0	9.2	9.6	9.6	14.3	24.3	41.3	62.8	102.8	150.4	208.9
-20°	0.0	9.0	9.6	9.6	14.6	24.6	41.9	64.0	101.3	150.4	208.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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	8.9	9.6	9.6	14.7	24.8	42.4	64.8	99.0	148.7	206.1
-25°	0.0	8.7	9.6	9.6	14.7	25.4	42.6	65.1	96.0	145.2	201.6
-27.5°	0.0	8.5	9.6	9.6	14.5	26.1	42.7	64.9	92.2	140.3	197.3
-30°	0.0	8.3	9.6	9.6	14.1	26.5	42.4	64.2	90.2	135.1	190.7
-32.5°	0.0	8.1	9.6	9.6	14.1	26.7	41.9	63.4	89.1	129.1	181.6
-35°	0.0	7.9	9.6	9.6	13.9	26.7	41.8	62.6	87.2	122.2	170.1
-37.5°	0.0	7.6	9.6	9.6	13.6	26.4	41.7	61.4	84.7	114.6	163.5
-40°	0.0	7.4	9.6	9.6	13.1	25.9	41.1	60.0	81.5	109.7	157.5
-42.5°	0.0	7.1	9.6	9.7	12.9	25.1	40.3	58.2	78.9	107.4	150.0
-45°	0.0	6.8	9.6	9.9	13.3	24.1	39.0	56.4	76.6	104.2	141.8
-47.5°	0.0	6.5	9.6	10.1	13.5	22.8	37.5	54.5	74.0	99.7	136.4
-50°	0.0	6.2	9.6	10.3	13.6	21.3	35.6	52.2	71.2	95.9	129.4
-52.5°	0.0	5.8	9.6	10.4	13.7	19.6	33.3	49.3	67.6	90.6	120.9
-55°	0.0	5.5	9.6	10.4	13.6	19.0	30.7	46.1	63.6	83.8	112.2
-57.5°	0.0	5.2	9.6	10.4	13.4	18.6	27.8	42.4	59.0	77.7	101.6
-60°	0.0	4.8	9.6	10.3	13.1	18.0	24.9	38.3	54.0	71.5	91.0
-62.5°	0.0	4.4	8.9	10.2	12.7	17.2	23.6	33.8	48.4	64.7	82.8
-65°	0.0	4.1	8.1	10.1	12.3	16.3	22.2	29.8	42.3	57.3	74.0
-67.5°	0.0	3.7	7.3	9.9	11.7	15.3	20.5	27.3	35.9	49.5	64.5
-70°	0.0	3.3	6.6	9.6	11.1	14.1	18.6	24.6	32.1	41.1	54.4
-72.5°	0.0	2.9	5.8	8.6	10.5	12.9	16.6	21.7	28.1	35.8	44.7
-75°	0.0	2.5	5.0	7.4	9.7	11.5	14.5	19.0	23.8	30.2	37.6
-77.5°	0.0	2.1	4.2	6.2	8.3	10.1	12.2	16.4	20.7	25.0	30.2
-80°	0.0	1.7	3.3	5.0	6.6	8.3	9.9	13.7	17.6	21.5	25.4
-82.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	10.7	14.5	18.0	21.6
-85°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	7.2	9.8	12.8	16.1
-87.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.6	4.9	6.4	8.1
-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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	0.0	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	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.7	3.2	2.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.7	6.2	4.8	2.5	0.2	2.3	3.2	2.6	0.3	0.0	0.0
62.5°	8.9	7.6	5.3	4.0	5.4	7.3	5.7	3.3	0.9	4.6	6.7
60°	9.6	8.1	6.7	7.6	9.7	8.6	6.3	9.4	14.1	17.7	21.5
57.5°	9.6	8.9	8.7	10.4	10.9	10.9	16.9	22.6	31.9	39.7	45.0
55°	9.9	9.5	10.9	13.0	16.2	22.9	31.4	44.3	54.6	70.4	83.9
52.5°	10.9	10.9	14.6	19.7	29.1	39.6	54.6	72.8	93.3	108.7	125.1
50°	12.4	16.0	20.5	33.0	45.8	62.5	87.0	113.4	130.8	148.2	171.6
47.5°	17.1	21.7	33.8	48.2	66.9	93.4	127.1	146.2	163.4	190.6	219.7
45°	23.0	32.7	47.6	67.4	93.2	130.3	156.9	172.5	202.1	233.7	267.0
42.5°	29.4	45.2	65.3	86.3	126.8	162.1	186.1	210.9	240.8	277.7	313.8
40°	39.9	57.4	84.9	117.8	158.9	193.4	223.5	252.0	281.4	329.7	368.0
37.5°	50.7	76.1	107.0	148.0	190.7	228.4	262.1	297.8	339.8	394.2	428.7
35°	61.0	95.3	133.3	176.9	222.2	264.9	305.3	347.0	401.5	453.0	494.2
32.5°	75.6	115.1	157.8	204.9	251.6	299.9	349.0	398.9	452.5	505.2	559.2
30°	93.8	136.2	181.1	231.7	278.7	334.5	391.4	444.3	498.3	553.7	614.8
27.5°	112.1	155.9	204.5	255.5	304.8	368.5	429.9	485.1	540.4	600.1	669.8
25°	129.1	175.7	226.6	276.8	334.8	403.0	470.2	534.1	580.9	649.0	730.3
22.5°	145.4	195.1	249.7	296.0	363.6	437.9	516.1	584.7	640.2	701.0	793.3
20°	161.6	215.1	271.4	323.2	392.6	472.4	565.2	636.0	704.8	783.1	877.4
17.5°	177.0	233.7	292.8	354.4	427.6	510.2	615.6	687.7	769.9	863.7	982.4
15°	191.6	250.9	314.3	383.4	459.1	548.1	649.7	739.7	838.1	946.3	1086.6
12.5°	205.2	266.7	335.5	410.4	486.9	580.8	678.3	774.0	887.3	1028.8	1205.4
10°	217.7	280.9	356.0	435.0	511.1	608.3	703.6	803.2	922.7	1078.2	1280.3
7.5°	228.0	295.3	375.5	457.3	531.9	631.0	725.4	827.2	952.3	1119.0	1330.7
5°	236.8	310.4	393.6	471.8	549.3	650.5	743.7	846.2	975.9	1150.9	1366.7
2.5°	244.1	324.3	409.4	482.3	564.2	668.3	758.2	867.3	999.8	1175.6	1400.4
0°	249.9	336.4	422.9	490.1	576.6	682.3	768.8	884.1	1018.7	1191.7	1431.9
-2.5°	261.6	346.4	430.9	499.2	589.9	684.6	775.8	886.5	1025.8	1204.2	1437.7
-5°	271.3	354.4	436.7	506.2	599.8	684.4	778.7	884.6	1028.3	1211.3	1448.2
-7.5°	278.8	360.7	440.6	511.6	605.1	687.5	783.0	891.4	1035.8	1217.8	1461.8
-10°	283.7	365.1	443.8	518.5	606.4	690.8	784.7	892.9	1034.5	1213.6	1454.4
-12.5°	286.3	367.7	445.3	522.2	606.1	690.5	782.5	888.7	1023.9	1198.4	1424.7
-15°	287.1	368.7	445.1	522.6	604.6	686.4	776.3	878.6	1004.9	1172.7	1378.1
-17.5°	286.2	368.2	443.3	519.4	602.4	678.5	766.7	865.0	985.5	1142.4	1340.2
-20°	283.7	366.2	439.9	512.5	599.2	671.2	757.2	852.1	965.4	1107.7	1284.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	279.7	362.8	435.2	505.5	588.6	664.3	744.7	835.2	936.8	1065.4	1222.4
-25°	275.1	356.0	429.1	500.1	576.5	653.9	729.0	815.0	908.4	1031.9	1173.3
-27.5°	268.9	347.7	420.7	492.6	563.6	639.9	713.2	794.5	886.9	995.9	1122.2
-30°	260.1	336.0	409.0	482.3	552.4	624.0	694.9	772.3	859.4	962.1	1078.8
-32.5°	248.8	322.9	394.4	466.9	539.7	608.1	674.8	749.2	831.0	921.1	1032.0
-35°	237.4	308.8	378.6	447.6	524.5	590.4	654.5	722.8	798.9	882.7	973.1
-37.5°	226.8	293.7	361.7	426.9	499.7	568.4	630.8	695.7	766.0	842.8	925.0
-40°	215.3	277.6	344.0	407.5	471.3	541.4	603.7	666.3	731.3	808.4	881.4
-42.5°	203.4	263.9	325.4	387.6	448.6	511.2	573.4	633.5	702.0	775.0	846.7
-45°	193.4	249.7	306.6	367.1	427.2	483.9	542.3	598.3	668.0	740.9	811.0
-47.5°	181.8	235.1	290.3	345.1	404.1	460.7	513.2	569.9	629.1	697.9	771.4
-50°	169.7	220.2	271.2	322.8	378.6	435.3	488.5	541.0	596.8	653.4	716.8
-52.5°	159.4	203.5	250.7	298.2	351.0	406.4	460.2	512.7	564.1	617.3	671.4
-55°	147.3	187.7	229.4	273.7	320.0	373.0	426.4	477.6	530.1	579.8	632.8
-57.5°	133.8	170.1	208.0	249.6	291.7	335.2	386.9	437.9	487.2	537.5	592.2
-60°	118.5	150.9	185.4	223.7	264.8	304.6	346.5	393.7	441.4	489.0	539.5
-62.5°	102.7	130.9	162.0	195.4	233.1	272.2	310.5	350.7	393.5	435.0	478.8
-65°	92.2	112.0	138.2	167.9	198.8	233.8	270.1	307.2	344.9	380.0	413.8
-67.5°	81.0	98.9	118.1	140.1	168.2	197.7	226.7	259.9	293.7	326.0	357.5
-70°	69.1	85.0	102.1	120.3	140.3	164.4	191.5	218.2	244.1	271.2	300.5
-72.5°	56.6	70.4	85.2	101.0	118.1	137.1	158.1	180.8	203.9	226.3	249.1
-75°	46.4	55.6	67.7	81.1	95.8	110.8	125.9	143.8	163.4	183.1	202.3
-77.5°	38.2	46.6	55.0	63.2	73.7	87.4	100.9	114.1	127.8	142.6	158.5
-80°	31.1	37.6	45.2	52.8	60.0	68.2	77.6	88.1	97.7	107.6	118.4
-82.5°	25.9	30.9	36.3	42.3	46.5	50.9	55.8	61.9	68.3	75.0	81.8
-85°	19.8	23.9	27.5	31.5	33.5	35.6	38.0	40.7	44.8	48.9	52.8
-87.5°	10.0	12.0	14.2	16.5	17.5	18.5	19.5	20.4	23.0	25.7	28.5
-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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	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°	0.5	0.1	0.0	0.0	0.1	1.8	2.4	2.0	0.9	0.0	0.0
62.5°	5.6	4.7	7.4	9.9	10.9	10.6	9.8	8.7	7.5	6.9	7.9
60°	23.1	22.6	31.5	35.8	32.6	22.9	36.1	42.7	41.1	35.2	35.0
57.5°	56.4	68.5	77.3	81.2	93.9	114.5	118.4	111.6	109.2	111.4	128.7
55°	97.8	107.6	112.6	130.0	145.5	156.7	163.3	170.0	179.9	191.9	204.3
52.5°	138.3	151.7	162.0	177.6	196.2	202.6	200.8	224.6	243.1	255.0	259.9
50°	189.8	206.6	230.5	255.0	265.6	276.0	286.9	306.4	334.8	370.3	390.6
47.5°	245.4	271.9	297.0	324.9	339.0	350.0	366.3	400.4	440.9	479.0	498.9
45°	295.5	319.1	347.8	371.9	389.3	410.6	434.2	464.9	510.3	550.1	577.6
42.5°	335.8	362.3	391.8	421.0	438.7	467.4	503.2	545.0	592.5	633.9	664.5
40°	392.2	414.6	461.6	489.4	496.3	523.0	595.0	652.1	705.7	756.7	782.1
37.5°	460.3	504.1	552.9	578.1	602.8	650.0	746.3	838.6	907.0	976.0	1013.7
35°	537.6	595.3	661.8	691.5	744.6	847.6	960.5	1088.9	1248.7	1315.6	1376.6
32.5°	612.9	677.3	738.6	805.4	898.3	1021.2	1148.5	1356.7	1551.1	1701.6	1811.6
30°	679.6	747.9	824.1	910.0	1040.8	1210.2	1422.9	1692.3	1966.2	2205.4	2407.7
27.5°	745.5	823.2	913.9	1041.9	1226.0	1456.2	1795.7	2179.9	2637.3	2974.3	3376.6
25°	817.8	906.7	1022.9	1208.6	1457.1	1801.2	2343.9	2967.9	3717.8	4325.9	4962.2
22.5°	903.3	1034.5	1181.8	1389.0	1823.0	2390.0	3131.4	4197.8	5351.5	6418.1	7445.2
20°	1006.6	1186.0	1422.6	1803.8	2361.0	3199.2	4487.5	6189.4	7886.0	9692.9	11432.2
17.5°	1154.1	1412.7	1780.2	2322.7	3057.1	4715.2	6805.6	9437.8	12819.4	15883.9	18559.6
15°	1292.5	1601.5	2181.7	2992.8	4273.6	6471.2	9646.2	13990.6	19260.9	24064.0	29137.0
12.5°	1437.7	1802.5	2468.9	3501.6	5281.4	8142.3	12604.2	18557.0	25156.2	32395.0	40640.4
10°	1552.7	1995.7	2793.6	4102.9	6296.8	9859.5	15174.3	22393.6	31163.0	41876.0	55056.9
7.5°	1630.4	2150.5	3061.7	4543.1	7231.6	11615.6	18013.6	26691.0	37654.3	51846.8	70290.3
5°	1691.0	2268.6	3263.3	4944.5	8022.4	12956.2	20117.2	30454.2	43423.2	62438.7	93695.2
2.5°	1739.8	2359.1	3388.0	5220.8	8518.8	13889.7	21528.6	32583.2	46857.2	70269.5	110820.7
0°	1777.9	2441.0	3469.3	5391.4	8899.1	13982.9	21969.0	32972.8	48089.7	71682.9	114506.2
-2.5°	1794.1	2484.8	3497.3	5428.7	8861.0	14143.2	22103.5	33283.9	48043.4	70908.5	110390.0
-5°	1821.1	2484.1	3476.2	5390.6	8662.4	13728.9	21225.6	31542.5	45145.0	64809.9	97156.4
-7.5°	1840.5	2444.5	3375.5	5146.3	8142.3	12833.1	19683.2	28657.1	39869.7	54800.9	74834.1
-10°	1822.7	2368.5	3207.8	4736.6	7333.8	11396.2	17337.7	24847.9	34166.8	45232.0	58843.0
-12.5°	1754.1	2228.0	2934.0	4162.7	6286.8	9786.7	14977.9	21372.3	28269.6	36040.7	45446.2
-15°	1667.4	2076.7	2687.3	3769.0	5510.4	8191.3	11981.3	17168.7	22701.7	28602.0	34893.8
-17.5°	1599.9	1943.9	2449.4	3232.5	4513.4	6645.0	9623.3	13308.5	17374.4	21866.6	25595.1
-20°	1508.5	1780.3	2204.7	2844.2	3821.5	5233.7	7402.9	10080.1	12763.1	15921.6	18497.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1416.9	1653.7	1976.7	2444.6	3171.8	4238.8	5578.9	7366.6	9328.6	11141.5	12926.1
-25°	1331.9	1514.3	1775.5	2159.5	2652.7	3380.9	4334.8	5360.2	6653.5	7757.1	8981.7
-27.5°	1263.1	1419.7	1612.5	1894.0	2276.7	2745.1	3428.1	4115.3	4795.4	5352.3	6195.5
-30°	1196.7	1322.8	1484.0	1684.7	1971.6	2332.5	2775.9	3221.7	3614.2	3972.2	4411.3
-32.5°	1131.5	1234.1	1357.6	1524.3	1730.2	2001.5	2274.0	2593.4	2866.3	3118.1	3351.0
-35°	1066.1	1157.4	1251.5	1392.0	1556.2	1749.0	1947.0	2163.5	2352.4	2521.9	2671.9
-37.5°	1007.0	1087.2	1175.8	1280.4	1412.7	1557.8	1719.6	1876.8	2001.5	2111.6	2202.6
-40°	957.2	1030.2	1106.0	1189.7	1290.4	1405.0	1542.3	1673.3	1760.7	1827.9	1883.1
-42.5°	912.7	976.9	1041.6	1112.6	1189.9	1289.0	1397.5	1505.6	1564.9	1616.9	1656.8
-45°	877.0	926.3	980.6	1041.3	1109.8	1192.8	1278.0	1352.8	1405.5	1450.3	1483.5
-47.5°	829.8	877.2	924.3	974.5	1038.3	1107.4	1177.9	1235.4	1281.4	1320.4	1345.9
-50°	777.7	827.7	870.8	914.9	973.6	1032.3	1089.0	1136.5	1180.5	1218.7	1238.7
-52.5°	723.9	777.6	822.8	865.8	915.1	966.2	1017.4	1058.1	1096.5	1132.6	1147.7
-55°	685.2	734.6	781.3	821.7	862.3	903.3	945.1	987.3	1025.3	1059.5	1069.7
-57.5°	643.4	693.7	739.8	776.1	812.8	849.7	888.0	926.1	962.7	995.5	1003.8
-60°	592.2	646.8	687.8	722.1	757.7	794.3	827.5	861.4	895.6	924.2	933.4
-62.5°	527.3	577.0	617.5	653.6	688.0	719.8	752.2	783.9	814.6	837.1	844.6
-65°	449.4	491.7	533.5	571.3	605.2	635.8	665.7	694.7	722.5	742.4	752.3
-67.5°	388.1	418.5	452.0	484.6	518.7	550.2	577.1	602.6	626.5	643.3	653.9
-70°	328.8	357.8	389.2	420.2	449.9	475.5	497.0	518.0	538.3	553.2	564.4
-72.5°	272.2	296.7	322.9	350.3	377.4	400.5	420.3	439.0	456.6	469.4	479.7
-75°	221.0	241.2	263.4	285.5	307.5	325.8	342.4	358.5	374.1	385.4	394.9
-77.5°	175.4	192.5	209.8	227.1	244.4	257.8	269.9	281.7	293.3	302.2	310.4
-80°	129.9	143.4	157.2	171.0	184.8	195.0	204.1	212.8	220.9	226.2	230.9
-82.5°	88.8	98.2	107.9	117.6	127.4	134.9	142.2	149.3	156.3	158.8	160.5
-85°	56.7	61.4	66.4	71.8	77.3	81.5	85.4	89.2	92.8	96.1	99.3
-87.5°	31.4	32.4	33.3	34.1	34.8	37.7	40.6	43.5	46.4	47.0	47.4
-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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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	0.9	2.0
62.5°	8.6	9.2	9.5	9.6	9.5	9.2	8.6	7.9	6.9	7.5	8.7
60°	32.9	29.2	28.6	28.8	28.6	29.2	32.9	35.0	35.2	41.1	42.7
57.5°	146.2	162.6	167.1	163.4	167.1	162.6	146.2	128.7	111.4	109.2	111.6
55°	212.8	217.9	220.2	221.0	220.2	217.9	212.8	204.3	191.9	179.9	170.0
52.5°	260.9	259.2	258.9	259.5	258.9	259.2	260.9	259.9	255.0	243.1	224.6
50°	392.1	384.9	382.1	384.4	382.1	384.9	392.1	390.6	370.3	334.8	306.4
47.5°	501.2	503.4	506.8	509.3	506.8	503.4	501.2	498.9	479.0	440.9	400.4
45°	585.3	590.4	593.9	595.8	593.9	590.4	585.3	577.6	550.1	510.3	464.9
42.5°	671.2	671.8	670.9	672.7	670.9	671.8	671.2	664.5	633.9	592.5	545.0
40°	792.4	795.0	792.3	788.0	792.3	795.0	792.4	782.1	756.7	705.7	652.1
37.5°	1035.6	1039.2	1027.7	1018.7	1027.7	1039.2	1035.6	1013.7	976.0	907.0	838.6
35°	1432.3	1473.3	1492.9	1499.2	1492.9	1473.3	1432.3	1376.6	1315.6	1248.7	1088.9
32.5°	1887.7	1944.8	1973.5	1998.9	1973.5	1944.8	1887.7	1811.6	1701.6	1551.1	1356.7
30°	2540.3	2645.7	2692.2	2758.1	2692.2	2645.7	2540.3	2407.7	2205.4	1966.2	1692.3
27.5°	3605.0	3790.4	3893.0	3988.3	3893.0	3790.4	3605.0	3376.6	2974.3	2637.3	2179.9
25°	5424.6	5781.6	6012.7	6121.7	6012.7	5781.6	5424.6	4962.2	4325.9	3717.8	2967.9
22.5°	8439.0	9097.1	9604.6	9706.4	9604.6	9097.1	8439.0	7445.2	6418.1	5351.5	4197.8
20°	13119.7	14061.3	14827.3	15213.0	14827.3	14061.3	13119.7	11432.2	9692.9	7886.0	6189.4
17.5°	21746.4	23704.9	24599.5	24746.4	24599.5	23704.9	21746.4	18559.6	15883.9	12819.4	9437.8
15°	34580.3	37894.4	39998.2	41352.9	39998.2	37894.4	34580.3	29137.0	24064.0	19260.9	13990.6
12.5°	49223.5	58640.5	63998.8	66041.7	63998.8	58640.5	49223.5	40640.4	32395.0	25156.2	18557.0
10°	69097.6	91266.3	104054.2	110489.1	104054.2	91266.3	69097.6	55056.9	41876.0	31163.0	22393.6
7.5°	102828.5	137068.4	175004.9	192555.9	175004.9	137068.4	102828.5	70290.3	51846.8	37654.3	26691.0
5°	138287.8	213464.7	279448.2	311045.4	279448.2	213464.7	138287.8	93695.2	62438.7	43423.2	30454.2
2.5°	179042.7	280425.9	374162.9	413577.2	374162.9	280425.9	179042.7	110820.7	70269.5	46857.2	32583.2
0°	194727.8	312823.3	415340.7	454026.8	415340.7	312823.3	194727.8	114506.2	71682.9	48089.7	32972.8
-2.5°	181467.4	285337.5	375773.4	419977.6	375773.4	285337.5	181467.4	110390.0	70908.5	48043.4	33283.9
-5°	144185.3	214641.2	281617.7	317638.1	281617.7	214641.2	144185.3	97156.4	64809.9	45145.0	31542.5
-7.5°	105823.0	144178.6	181374.9	194381.8	181374.9	144178.6	105823.0	74834.1	54800.9	39869.7	28657.1
-10°	73676.1	95639.8	110138.1	114275.5	110138.1	95639.8	73676.1	58843.0	45232.0	34166.8	24847.9
-12.5°	54623.4	64230.3	70914.6	72076.9	70914.6	64230.3	54623.4	45446.2	36040.7	28269.6	21372.3
-15°	40447.2	45332.7	48780.2	49012.3	48780.2	45332.7	40447.2	34893.8	28602.0	22701.7	17168.7
-17.5°	29567.1	32846.4	34586.3	34462.4	34586.3	32846.4	29567.1	25595.1	21866.6	17374.4	13308.5
-20°	21142.2	23118.9	24520.8	24246.7	24520.8	23118.9	21142.2	18497.3	15921.6	12763.1	10080.1



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14741.9	16054.0	16875.5	16664.2	16875.5	16054.0	14741.9	12926.1	11141.5	9328.6	7366.6
-25°	10016.9	10731.8	11138.7	11071.0	11138.7	10731.8	10016.9	8981.7	7757.1	6653.5	5360.2
-27.5°	6825.9	7203.6	7329.6	7323.0	7329.6	7203.6	6825.9	6195.5	5352.3	4795.4	4115.3
-30°	4737.8	4991.6	5136.7	5045.4	5136.7	4991.6	4737.8	4411.3	3972.2	3614.2	3221.7
-32.5°	3531.1	3674.2	3757.0	3671.1	3757.0	3674.2	3531.1	3351.0	3118.1	2866.3	2593.4
-35°	2782.8	2855.2	2884.4	2835.0	2884.4	2855.2	2782.8	2671.9	2521.9	2352.4	2163.5
-37.5°	2268.8	2311.2	2325.7	2296.9	2325.7	2311.2	2268.8	2202.6	2111.6	2001.5	1876.8
-40°	1922.5	1948.5	1954.9	1931.7	1954.9	1948.5	1922.5	1883.1	1827.9	1760.7	1673.3
-42.5°	1682.1	1697.6	1701.3	1691.4	1701.3	1697.6	1682.1	1656.8	1616.9	1564.9	1505.6
-45°	1503.3	1516.6	1519.1	1508.8	1519.1	1516.6	1503.3	1483.5	1450.3	1405.5	1352.8
-47.5°	1358.6	1366.8	1368.9	1364.7	1368.9	1366.8	1358.6	1345.9	1320.4	1281.4	1235.4
-50°	1247.7	1253.3	1253.9	1249.3	1253.9	1253.3	1247.7	1238.7	1218.7	1180.5	1136.5
-52.5°	1154.9	1158.8	1161.5	1162.8	1161.5	1158.8	1154.9	1147.7	1132.6	1096.5	1058.1
-55°	1076.8	1081.9	1085.0	1086.0	1085.0	1081.9	1076.8	1069.7	1059.5	1025.3	987.3
-57.5°	1010.3	1015.0	1017.8	1018.7	1017.8	1015.0	1010.3	1003.8	995.5	962.7	926.1
-60°	940.9	946.6	950.2	951.4	950.2	946.6	940.9	933.4	924.2	895.6	861.4
-62.5°	849.4	852.0	854.3	855.3	854.3	852.0	849.4	844.6	837.1	814.6	783.9
-65°	759.7	764.9	767.9	768.8	767.9	764.9	759.7	752.3	742.4	722.5	694.7
-67.5°	662.5	669.2	676.3	682.3	676.3	669.2	662.5	653.9	643.3	626.5	602.6
-70°	574.3	582.8	585.5	586.2	585.5	582.8	574.3	564.4	553.2	538.3	518.0
-72.5°	488.9	496.9	503.6	509.3	503.6	496.9	488.9	479.7	469.4	456.6	439.0
-75°	403.4	410.8	412.7	413.2	412.7	410.8	403.4	394.9	385.4	374.1	358.5
-77.5°	317.9	324.8	326.3	326.7	326.3	324.8	317.9	310.4	302.2	293.3	281.7
-80°	235.2	239.0	244.7	249.9	244.7	239.0	235.2	230.9	226.2	220.9	212.8
-82.5°	161.8	162.7	163.2	163.4	163.2	162.7	161.8	160.5	158.8	156.3	149.3
-85°	102.3	105.2	105.6	105.7	105.6	105.2	102.3	99.3	96.1	92.8	89.2
-87.5°	47.7	47.9	48.1	48.1	48.1	47.9	47.7	47.4	47.0	46.4	43.5
-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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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	0.0	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	0.6
65°	2.4	1.8	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.6
62.5°	9.8	10.6	10.9	9.9	7.4	4.7	5.6	6.7	4.6	0.9	3.3
60°	36.1	22.9	32.6	35.8	31.5	22.6	23.1	21.5	17.7	14.1	9.4
57.5°	118.4	114.5	93.9	81.2	77.3	68.5	56.4	45.0	39.7	31.9	22.6
55°	163.3	156.7	145.5	130.0	112.6	107.6	97.8	83.9	70.4	54.6	44.3
52.5°	200.8	202.6	196.2	177.6	162.0	151.7	138.3	125.1	108.7	93.3	72.8
50°	286.9	276.0	265.6	255.0	230.5	206.6	189.8	171.6	148.2	130.8	113.4
47.5°	366.3	350.0	339.0	324.9	297.0	271.9	245.4	219.7	190.6	163.4	146.2
45°	434.2	410.6	389.3	371.9	347.8	319.1	295.5	267.0	233.7	202.1	172.5
42.5°	503.2	467.4	438.7	421.0	391.8	362.3	335.8	313.8	277.7	240.8	210.9
40°	595.0	523.0	496.3	489.4	461.6	414.6	392.2	368.0	329.7	281.4	252.0
37.5°	746.3	650.0	602.8	578.1	552.9	504.1	460.3	428.7	394.2	339.8	297.8
35°	960.5	847.6	744.6	691.5	661.8	595.3	537.6	494.2	453.0	401.5	347.0
32.5°	1148.5	1021.2	898.3	805.4	738.6	677.3	612.9	559.2	505.2	452.5	398.9
30°	1422.9	1210.2	1040.8	910.0	824.1	747.9	679.6	614.8	553.7	498.3	444.3
27.5°	1795.7	1456.2	1226.0	1041.9	913.9	823.2	745.5	669.8	600.1	540.4	485.1
25°	2343.9	1801.2	1457.1	1208.6	1022.9	906.7	817.8	730.3	649.0	580.9	534.1
22.5°	3131.4	2390.0	1823.0	1389.0	1181.8	1034.5	903.3	793.3	701.0	640.2	584.7
20°	4487.5	3199.2	2361.0	1803.8	1422.6	1186.0	1006.6	877.4	783.1	704.8	636.0
17.5°	6805.6	4715.2	3057.1	2322.7	1780.2	1412.7	1154.1	982.4	863.7	769.9	687.7
15°	9646.2	6471.2	4273.6	2992.8	2181.7	1601.5	1292.5	1086.6	946.3	838.1	739.7
12.5°	12604.2	8142.3	5281.4	3501.6	2468.9	1802.5	1437.7	1205.4	1028.8	887.3	774.0
10°	15174.3	9859.5	6296.8	4102.9	2793.6	1995.7	1552.7	1280.3	1078.2	922.7	803.2
7.5°	18013.6	11615.6	7231.6	4543.1	3061.7	2150.5	1630.4	1330.7	1119.0	952.3	827.2
5°	20117.2	12956.2	8022.4	4944.5	3263.3	2268.6	1691.0	1366.7	1150.9	975.9	846.2
2.5°	21528.6	13889.7	8518.8	5220.8	3388.0	2359.1	1739.8	1400.4	1175.6	999.8	867.3
0°	21969.0	13982.9	8899.1	5391.4	3469.3	2441.0	1777.9	1431.9	1191.7	1018.7	884.1
-2.5°	22103.5	14143.2	8861.0	5428.7	3497.3	2484.8	1794.1	1437.7	1204.2	1025.8	886.5
-5°	21225.6	13728.9	8662.4	5390.6	3476.2	2484.1	1821.1	1448.2	1211.3	1028.3	884.6
-7.5°	19683.2	12833.1	8142.3	5146.3	3375.5	2444.5	1840.5	1461.8	1217.8	1035.8	891.4
-10°	17337.7	11396.2	7333.8	4736.6	3207.8	2368.5	1822.7	1454.4	1213.6	1034.5	892.9
-12.5°	14977.9	9786.7	6286.8	4162.7	2934.0	2228.0	1754.1	1424.7	1198.4	1023.9	888.7
-15°	11981.3	8191.3	5510.4	3769.0	2687.3	2076.7	1667.4	1378.1	1172.7	1004.9	878.6
-17.5°	9623.3	6645.0	4513.4	3232.5	2449.4	1943.9	1599.9	1340.2	1142.4	985.5	865.0
-20°	7402.9	5233.7	3821.5	2844.2	2204.7	1780.3	1508.5	1284.5	1107.7	965.4	852.1



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5578.9	4238.8	3171.8	2444.6	1976.7	1653.7	1416.9	1222.4	1065.4	936.8	835.2
-25°	4334.8	3380.9	2652.7	2159.5	1775.5	1514.3	1331.9	1173.3	1031.9	908.4	815.0
-27.5°	3428.1	2745.1	2276.7	1894.0	1612.5	1419.7	1263.1	1122.2	995.9	886.9	794.5
-30°	2775.9	2332.5	1971.6	1684.7	1484.0	1322.8	1196.7	1078.8	962.1	859.4	772.3
-32.5°	2274.0	2001.5	1730.2	1524.3	1357.6	1234.1	1131.5	1032.0	921.1	831.0	749.2
-35°	1947.0	1749.0	1556.2	1392.0	1251.5	1157.4	1066.1	973.1	882.7	798.9	722.8
-37.5°	1719.6	1557.8	1412.7	1280.4	1175.8	1087.2	1007.0	925.0	842.8	766.0	695.7
-40°	1542.3	1405.0	1290.4	1189.7	1106.0	1030.2	957.2	881.4	808.4	731.3	666.3
-42.5°	1397.5	1289.0	1189.9	1112.6	1041.6	976.9	912.7	846.7	775.0	702.0	633.5
-45°	1278.0	1192.8	1109.8	1041.3	980.6	926.3	877.0	811.0	740.9	668.0	598.3
-47.5°	1177.9	1107.4	1038.3	974.5	924.3	877.2	829.8	771.4	697.9	629.1	569.9
-50°	1089.0	1032.3	973.6	914.9	870.8	827.7	777.7	716.8	653.4	596.8	541.0
-52.5°	1017.4	966.2	915.1	865.8	822.8	777.6	723.9	671.4	617.3	564.1	512.7
-55°	945.1	903.3	862.3	821.7	781.3	734.6	685.2	632.8	579.8	530.1	477.6
-57.5°	888.0	849.7	812.8	776.1	739.8	693.7	643.4	592.2	537.5	487.2	437.9
-60°	827.5	794.3	757.7	722.1	687.8	646.8	592.2	539.5	489.0	441.4	393.7
-62.5°	752.2	719.8	688.0	653.6	617.5	577.0	527.3	478.8	435.0	393.5	350.7
-65°	665.7	635.8	605.2	571.3	533.5	491.7	449.4	413.8	380.0	344.9	307.2
-67.5°	577.1	550.2	518.7	484.6	452.0	418.5	388.1	357.5	326.0	293.7	259.9
-70°	497.0	475.5	449.9	420.2	389.2	357.8	328.8	300.5	271.2	244.1	218.2
-72.5°	420.3	400.5	377.4	350.3	322.9	296.7	272.2	249.1	226.3	203.9	180.8
-75°	342.4	325.8	307.5	285.5	263.4	241.2	221.0	202.3	183.1	163.4	143.8
-77.5°	269.9	257.8	244.4	227.1	209.8	192.5	175.4	158.5	142.6	127.8	114.1
-80°	204.1	195.0	184.8	171.0	157.2	143.4	129.9	118.4	107.6	97.7	88.1
-82.5°	142.2	134.9	127.4	117.6	107.9	98.2	88.8	81.8	75.0	68.3	61.9
-85°	85.4	81.5	77.3	71.8	66.4	61.4	56.7	52.8	48.9	44.8	40.7
-87.5°	40.6	37.7	34.8	34.1	33.3	32.4	31.4	28.5	25.7	23.0	20.4
-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: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	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	0.4	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	2.0	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.3	3.6	4.0	2.9
67.5°	0.0	0.0	0.0	2.0	3.2	2.7	0.6	1.6	3.9	6.2	5.4
65°	3.2	2.3	0.2	2.5	4.8	6.2	4.7	2.9	4.2	6.5	8.0
62.5°	5.7	7.3	5.4	4.0	5.3	7.6	8.9	6.0	5.0	6.8	9.0
60°	6.3	8.6	9.7	7.6	6.7	8.1	9.6	8.8	6.9	7.2	9.3
57.5°	16.9	10.9	10.9	10.4	8.7	8.9	9.6	9.6	8.6	8.1	9.6
55°	31.4	22.9	16.2	13.0	10.9	9.5	9.9	9.6	9.6	8.9	9.6
52.5°	54.6	39.6	29.1	19.7	14.6	10.9	10.9	9.6	9.6	9.4	9.6
50°	87.0	62.5	45.8	33.0	20.5	16.0	12.4	11.2	9.6	9.6	9.6
47.5°	127.1	93.4	66.9	48.2	33.8	21.7	17.1	13.3	9.6	9.6	9.6
45°	156.9	130.3	93.2	67.4	47.6	32.7	23.0	15.8	11.9	9.9	9.6
42.5°	186.1	162.1	126.8	86.3	65.3	45.2	29.4	21.2	14.6	10.6	10.0
40°	223.5	193.4	158.9	117.8	84.9	57.4	39.9	27.4	17.6	12.2	10.7
37.5°	262.1	228.4	190.7	148.0	107.0	76.1	50.7	33.8	22.2	15.6	11.7
35°	305.3	264.9	222.2	176.9	133.3	95.3	61.0	41.4	28.2	19.1	12.8
32.5°	349.0	299.9	251.6	204.9	157.8	115.1	75.6	51.3	34.1	22.8	14.1
30°	391.4	334.5	278.7	231.7	181.1	136.2	93.8	62.2	39.8	26.7	16.0
27.5°	429.9	368.5	304.8	255.5	204.5	155.9	112.1	73.8	45.2	30.9	19.1
25°	470.2	403.0	334.8	276.8	226.6	175.7	129.1	86.2	53.3	35.5	22.2
22.5°	516.1	437.9	363.6	296.0	249.7	195.1	145.4	101.0	63.0	39.9	25.3
20°	565.2	472.4	392.6	323.2	271.4	215.1	161.6	114.5	72.8	44.0	28.3
17.5°	615.6	510.2	427.6	354.4	292.8	233.7	177.0	126.8	82.6	47.9	31.3
15°	649.7	548.1	459.1	383.4	314.3	250.9	191.6	138.1	92.4	51.5	34.3
12.5°	678.3	580.8	486.9	410.4	335.5	266.7	205.2	148.1	101.9	56.4	37.2
10°	703.6	608.3	511.1	435.0	356.0	280.9	217.7	157.0	110.7	62.6	39.9
7.5°	725.4	631.0	531.9	457.3	375.5	295.3	228.0	164.8	118.2	68.8	42.3
5°	743.7	650.5	549.3	471.8	393.6	310.4	236.8	171.7	124.7	75.0	44.5
2.5°	758.2	668.3	564.2	482.3	409.4	324.3	244.1	177.6	130.1	81.0	46.4
0°	768.8	682.3	576.6	490.1	422.9	336.4	249.9	182.6	134.5	86.5	48.1
-2.5°	775.8	684.6	589.9	499.2	430.9	346.4	261.6	188.8	138.1	91.4	51.0
-5°	778.7	684.4	599.8	506.2	436.7	354.4	271.3	193.9	140.9	95.6	53.6
-7.5°	783.0	687.5	605.1	511.6	440.6	360.7	278.8	197.7	143.0	99.1	56.0
-10°	784.7	690.8	606.4	518.5	443.8	365.1	283.7	200.0	144.6	101.6	58.0
-12.5°	782.5	690.5	606.1	522.2	445.3	367.7	286.3	203.8	146.0	103.2	59.8
-15°	776.3	686.4	604.6	522.6	445.1	368.7	287.1	207.3	148.9	103.5	61.3
-17.5°	766.7	678.5	602.4	519.4	443.3	368.2	286.2	208.9	150.4	102.8	62.8
-20°	757.2	671.2	599.2	512.5	439.9	366.2	283.7	208.5	150.4	101.3	64.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	744.7	664.3	588.6	505.5	435.2	362.8	279.7	206.1	148.7	99.0	64.8
-25°	729.0	653.9	576.5	500.1	429.1	356.0	275.1	201.6	145.2	96.0	65.1
-27.5°	713.2	639.9	563.6	492.6	420.7	347.7	268.9	197.3	140.3	92.2	64.9
-30°	694.9	624.0	552.4	482.3	409.0	336.0	260.1	190.7	135.1	90.2	64.2
-32.5°	674.8	608.1	539.7	466.9	394.4	322.9	248.8	181.6	129.1	89.1	63.4
-35°	654.5	590.4	524.5	447.6	378.6	308.8	237.4	170.1	122.2	87.2	62.6
-37.5°	630.8	568.4	499.7	426.9	361.7	293.7	226.8	163.5	114.6	84.7	61.4
-40°	603.7	541.4	471.3	407.5	344.0	277.6	215.3	157.5	109.7	81.5	60.0
-42.5°	573.4	511.2	448.6	387.6	325.4	263.9	203.4	150.0	107.4	78.9	58.2
-45°	542.3	483.9	427.2	367.1	306.6	249.7	193.4	141.8	104.2	76.6	56.4
-47.5°	513.2	460.7	404.1	345.1	290.3	235.1	181.8	136.4	99.7	74.0	54.5
-50°	488.5	435.3	378.6	322.8	271.2	220.2	169.7	129.4	95.9	71.2	52.2
-52.5°	460.2	406.4	351.0	298.2	250.7	203.5	159.4	120.9	90.6	67.6	49.3
-55°	426.4	373.0	320.0	273.7	229.4	187.7	147.3	112.2	83.8	63.6	46.1
-57.5°	386.9	335.2	291.7	249.6	208.0	170.1	133.8	101.6	77.7	59.0	42.4
-60°	346.5	304.6	264.8	223.7	185.4	150.9	118.5	91.0	71.5	54.0	38.3
-62.5°	310.5	272.2	233.1	195.4	162.0	130.9	102.7	82.8	64.7	48.4	33.8
-65°	270.1	233.8	198.8	167.9	138.2	112.0	92.2	74.0	57.3	42.3	29.8
-67.5°	226.7	197.7	168.2	140.1	118.1	98.9	81.0	64.5	49.5	35.9	27.3
-70°	191.5	164.4	140.3	120.3	102.1	85.0	69.1	54.4	41.1	32.1	24.6
-72.5°	158.1	137.1	118.1	101.0	85.2	70.4	56.6	44.7	35.8	28.1	21.7
-75°	125.9	110.8	95.8	81.1	67.7	55.6	46.4	37.6	30.2	23.8	19.0
-77.5°	100.9	87.4	73.7	63.2	55.0	46.6	38.2	30.2	25.0	20.7	16.4
-80°	77.6	68.2	60.0	52.8	45.2	37.6	31.1	25.4	21.5	17.6	13.7
-82.5°	55.8	50.9	46.5	42.3	36.3	30.9	25.9	21.6	18.0	14.5	10.7
-85°	38.0	35.6	33.5	31.5	27.5	23.9	19.8	16.1	12.8	9.8	7.2
-87.5°	19.5	18.5	17.5	16.5	14.2	12.0	10.0	8.1	6.4	4.9	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.8	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.1	0.0
75°	0.3	0.8	0.2	0.0	0.2	1.3	0.0
72.5°	0.5	1.4	1.0	0.0	0.3	1.5	0.0
70°	1.1	2.2	1.9	0.2	0.4	1.7	0.0
67.5°	3.4	3.0	2.9	1.1	0.6	2.0	0.0
65°	5.5	4.1	3.9	2.1	0.8	2.2	0.0
62.5°	7.6	5.5	4.9	3.1	1.0	2.5	0.0
60°	9.4	6.7	6.0	4.1	1.3	2.7	0.0
57.5°	9.6	7.8	6.7	5.1	2.1	3.0	0.0
55°	9.6	8.9	7.4	6.1	2.9	3.2	0.0
52.5°	9.6	9.6	8.0	7.1	3.6	3.5	0.0
50°	9.6	9.6	8.5	8.2	4.3	3.8	0.0
47.5°	9.6	9.6	8.9	9.1	5.0	4.1	0.0
45°	9.6	9.6	9.2	9.3	5.6	4.4	0.0
42.5°	9.6	9.6	9.5	9.5	6.2	4.7	0.0
40°	9.6	9.6	9.6	9.6	6.7	5.0	0.0
37.5°	9.6	9.6	9.6	9.6	7.2	5.3	0.0
35°	9.6	9.6	9.6	9.6	7.6	5.6	0.0
32.5°	9.9	9.6	9.6	9.6	8.0	5.9	0.0
30°	10.9	9.6	9.6	9.6	8.3	6.2	0.0
27.5°	12.0	9.6	9.6	9.6	8.6	6.5	0.0
25°	13.1	9.6	9.6	9.6	8.8	6.9	0.0
22.5°	14.3	9.8	9.6	9.6	9.0	7.2	0.0
20°	15.5	10.5	9.6	9.6	9.2	7.5	0.0
17.5°	17.2	11.3	9.6	9.6	9.3	7.8	0.0
15°	19.2	12.3	9.6	9.6	9.4	8.1	0.0
12.5°	21.0	13.4	9.6	9.6	9.5	8.4	0.0
10°	22.8	14.6	9.6	9.6	9.5	8.6	0.0
7.5°	24.4	15.7	9.6	9.6	9.6	8.9	0.0
5°	26.0	16.9	9.6	9.6	9.6	9.1	0.0
2.5°	27.5	18.1	9.6	9.6	9.6	9.4	0.0
0°	28.8	19.2	9.6	9.6	9.6	9.6	0.0
-2.5°	31.3	20.2	10.4	9.6	9.6	9.6	0.0
-5°	33.7	21.1	11.3	9.6	9.6	9.6	0.0
-7.5°	35.8	22.0	12.0	9.6	9.6	9.5	0.0
-10°	37.7	22.7	12.8	9.6	9.6	9.5	0.0
-12.5°	39.3	23.3	13.4	9.6	9.6	9.4	0.0
-15°	40.5	23.8	13.9	9.6	9.6	9.3	0.0
-17.5°	41.3	24.3	14.3	9.6	9.6	9.2	0.0
-20°	41.9	24.6	14.6	9.6	9.6	9.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627948 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.4	24.8	14.7	9.6	9.6	8.9	0.0
-25°	42.6	25.4	14.7	9.6	9.6	8.7	0.0
-27.5°	42.7	26.1	14.5	9.6	9.6	8.5	0.0
-30°	42.4	26.5	14.1	9.6	9.6	8.3	0.0
-32.5°	41.9	26.7	14.1	9.6	9.6	8.1	0.0
-35°	41.8	26.7	13.9	9.6	9.6	7.9	0.0
-37.5°	41.7	26.4	13.6	9.6	9.6	7.6	0.0
-40°	41.1	25.9	13.1	9.6	9.6	7.4	0.0
-42.5°	40.3	25.1	12.9	9.7	9.6	7.1	0.0
-45°	39.0	24.1	13.3	9.9	9.6	6.8	0.0
-47.5°	37.5	22.8	13.5	10.1	9.6	6.5	0.0
-50°	35.6	21.3	13.6	10.3	9.6	6.2	0.0
-52.5°	33.3	19.6	13.7	10.4	9.6	5.8	0.0
-55°	30.7	19.0	13.6	10.4	9.6	5.5	0.0
-57.5°	27.8	18.6	13.4	10.4	9.6	5.2	0.0
-60°	24.9	18.0	13.1	10.3	9.6	4.8	0.0
-62.5°	23.6	17.2	12.7	10.2	8.9	4.4	0.0
-65°	22.2	16.3	12.3	10.1	8.1	4.1	0.0
-67.5°	20.5	15.3	11.7	9.9	7.3	3.7	0.0
-70°	18.6	14.1	11.1	9.6	6.6	3.3	0.0
-72.5°	16.6	12.9	10.5	8.6	5.8	2.9	0.0
-75°	14.5	11.5	9.7	7.4	5.0	2.5	0.0
-77.5°	12.2	10.1	8.3	6.2	4.2	2.1	0.0
-80°	9.9	8.3	6.6	5.0	3.3	1.7	0.0
-82.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
-85°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
-87.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)