

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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
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-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

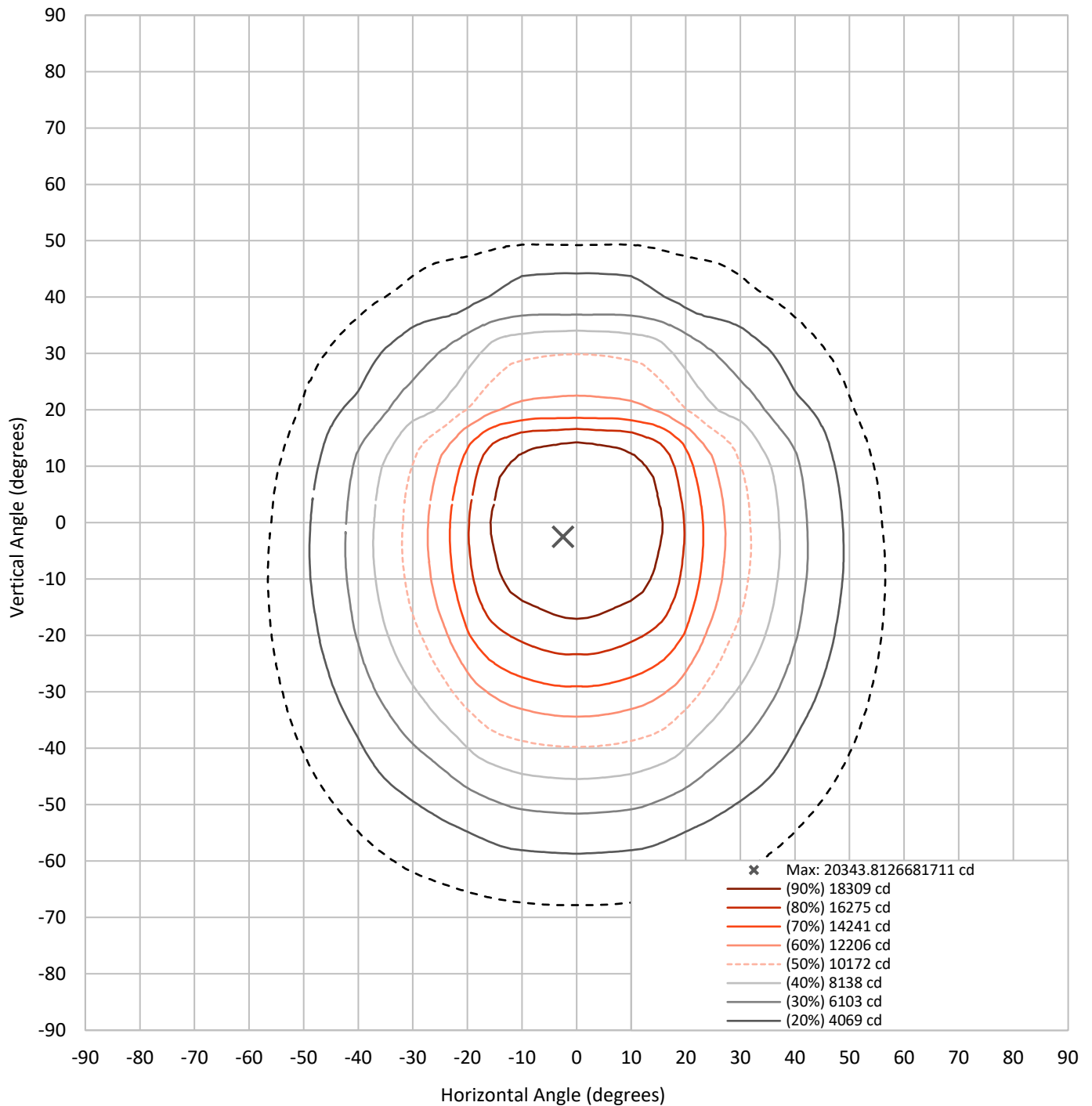
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27149.5 lumens	Max Intensity:	20343.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	109.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	15707.8 lumens	Field Lumens:	25763.1 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

Iso-Candela Plot





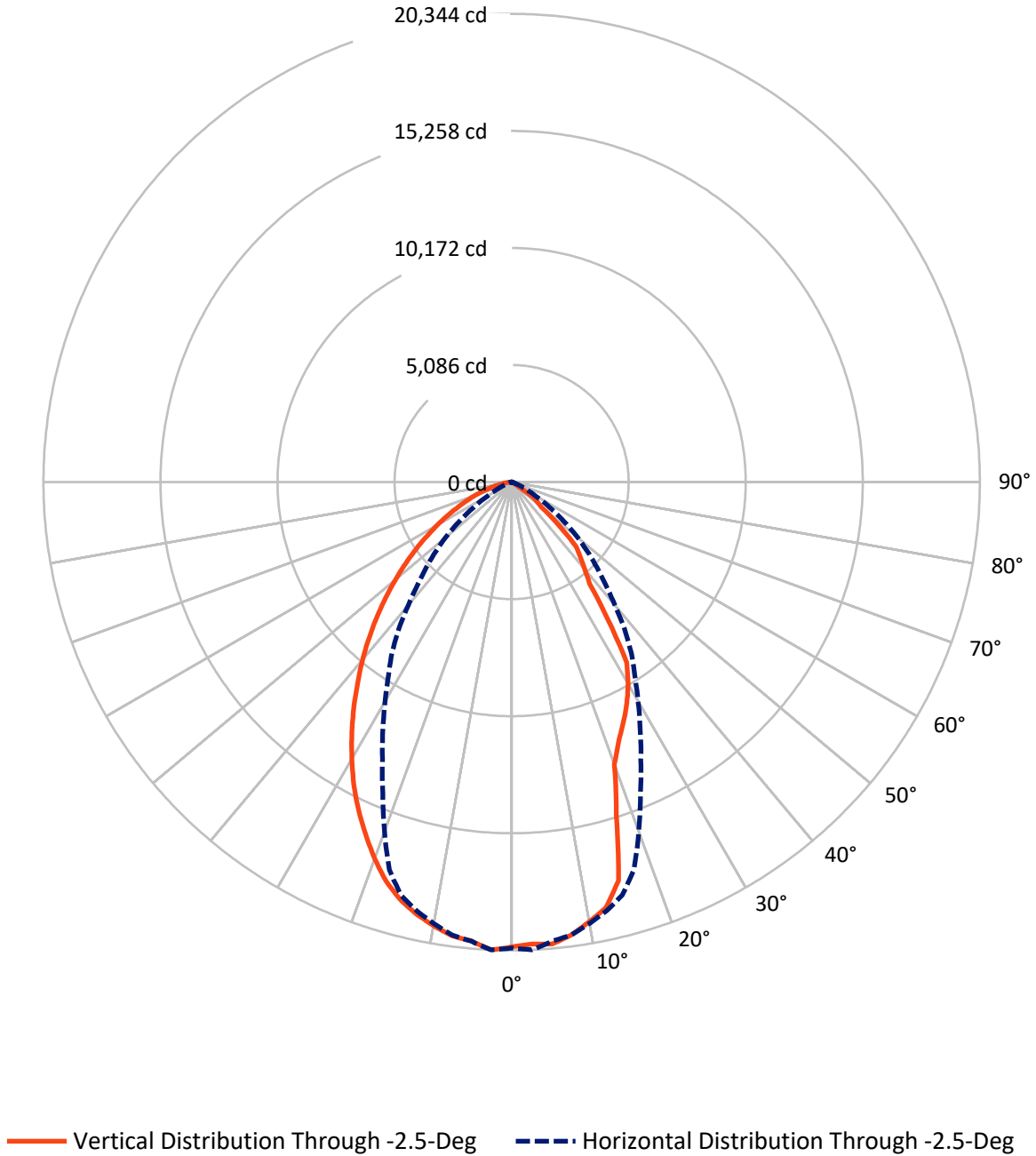
REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

Lumen Table

90																			
80	0.1	0.2		0.2		0.3		0.3		0.3		0.2		0.2		0.1			
70																			
60	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2			
50		0.2	0.5	2.5	7.4	14.3	21.2	26.4	26.4	21.2	14.3	7.4	2.5	0.5	0.2				
40	0.5	0.5	3.0	13.9	33.7	60.6	89.5	109.6	109.6	89.5	60.6	33.7	13.9	3.0	0.5	0.5			
30		1.3	10.1	35.3	78.6	127.6	191.3	223.6	223.6	191.3	127.6	78.6	35.3	10.1	1.3				
20	0.8	3.0	19.5	62.5	126.8	201.0	301.5	346.6	346.6	301.5	201.0	126.8	62.5	19.5	3.0	0.8			
10		5.2	30.0	92.5	182.6	300.6	447.5	513.2	513.2	447.5	300.6	182.6	92.5	30.0	5.2				
0	1.4	7.0	38.9	109.8	218.5	359.2	528.4	599.7	599.7	528.4	359.2	218.5	109.8	38.9	7.0	1.4			
-10		8.3	42.9	114.1	224.3	367.4	532.3	601.9	601.9	532.3	367.4	224.3	114.1	42.9	8.3				
-20	1.7	8.7	41.9	107.9	211.5	344.0	494.0	558.2	558.2	494.0	344.0	211.5	107.9	41.9	8.7	1.7			
-30		7.9	36.7	94.2	182.7	292.5	414.2	469.1	469.1	414.2	292.5	182.7	94.2	36.7	7.9				
-40	1.7	6.6	29.3	74.0	143.7	225.6	316.3	358.1	358.1	316.3	225.6	143.7	74.0	29.3	6.6	1.7			
-50		5.3	21.6	52.8	102.9	158.7	218.9	248.5	248.5	218.9	158.7	102.9	52.8	21.6	5.3				
-60	1.3	4.0	14.1	33.9	64.0	98.5	133.8	152.6	152.6	133.8	98.5	64.0	33.9	14.1	4.0	1.3			
-70		2.8	8.6	19.8	35.2	52.2	69.1	78.4	78.4	69.1	52.2	35.2	19.8	8.6	2.8				
-80	0.5	6.3		29.3		63.8		71.3		63.8		29.3		6.3		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

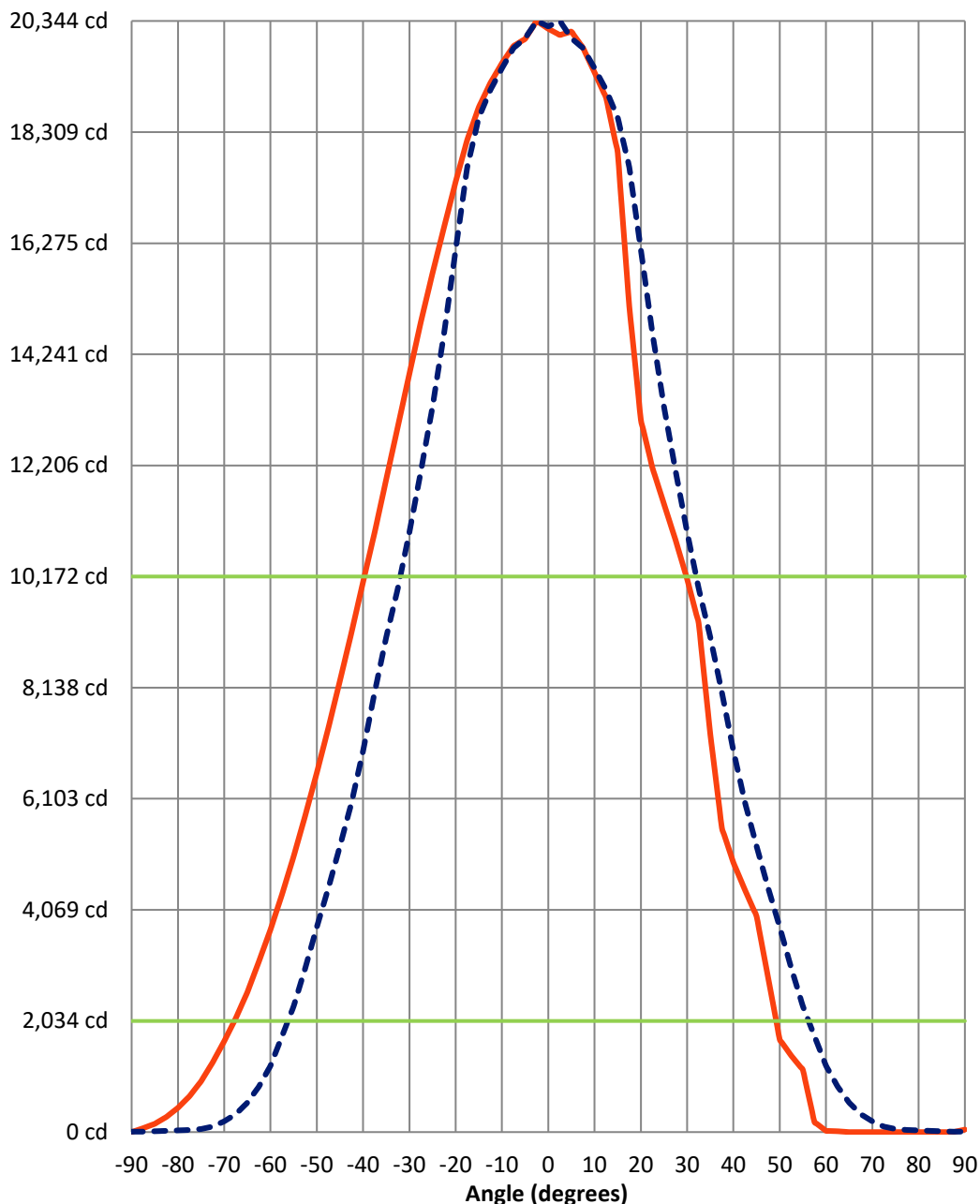
REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 15707.8
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 25763.1
 Efficiency: 94.9%

Spill:
 Lumens: 1386.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.6	7.6	7.6	9.5	11.4	13.3	15.2	17.1	19.0	20.9	22.8
87.5°	7.6	7.6	7.6	7.4	6.9	6.4	5.6	4.0	2.5	1.2	0.0
85°	7.6	7.6	7.6	7.1	6.3	5.2	3.7	2.3	1.2	0.5	0.0
82.5°	7.6	7.6	7.6	6.9	5.7	4.0	1.8	0.6	0.2	1.1	2.0
80°	7.6	7.6	7.6	6.7	5.1	2.8	0.4	1.5	2.8	4.0	5.2
77.5°	7.6	7.6	7.6	6.5	4.5	2.5	2.3	3.7	5.3	6.8	6.9
75°	7.6	7.6	7.6	6.3	4.2	3.7	4.2	6.0	7.5	6.2	4.0
72.5°	7.6	7.6	7.6	6.1	4.8	4.9	6.1	7.5	6.5	4.4	1.3
70°	7.6	7.6	7.6	6.1	5.5	6.0	7.6	7.2	5.6	2.9	3.5
67.5°	7.6	7.6	7.6	6.3	6.1	7.1	7.8	7.0	4.9	5.9	6.8
65°	7.6	7.6	7.6	6.6	6.6	7.9	8.1	6.9	7.6	8.9	9.4
62.5°	7.6	7.6	7.6	6.8	7.1	8.5	8.5	8.6	10.2	11.5	10.5
60°	7.6	7.6	7.6	7.0	7.6	9.1	9.0	10.9	12.8	13.3	11.9
57.5°	7.6	7.6	7.7	7.2	8.3	9.8	10.8	13.1	15.1	15.2	14.9
55°	7.6	7.6	7.8	7.4	9.1	10.6	12.7	15.4	17.3	17.7	18.5
52.5°	7.6	7.6	7.9	7.5	9.9	11.6	14.6	17.6	19.8	20.9	22.1
50°	7.6	7.6	8.1	7.6	10.7	13.2	16.5	19.8	22.5	24.1	25.6
47.5°	7.6	7.6	8.3	7.8	11.6	14.7	18.3	21.9	25.4	27.3	29.2
45°	7.6	7.6	8.5	8.5	12.5	16.2	20.1	24.0	28.0	30.5	32.7
42.5°	7.6	7.6	8.8	9.2	13.5	17.6	21.8	26.3	30.9	33.7	39.7
40°	7.6	7.6	9.0	10.1	14.5	19.0	23.5	28.9	33.9	36.8	47.4
37.5°	7.6	7.6	9.3	11.1	15.6	20.4	25.2	31.5	37.0	41.8	55.2
35°	7.6	7.6	9.7	12.1	16.7	21.7	26.8	34.3	40.4	51.4	70.3
32.5°	7.6	7.6	10.0	13.1	17.7	23.0	28.5	37.1	43.9	62.6	100.3
30°	7.6	7.6	10.4	14.0	18.7	24.2	30.8	40.0	47.5	75.4	129.4
27.5°	7.6	7.6	10.8	14.9	19.9	25.4	33.1	43.0	53.8	89.6	157.6
25°	7.6	7.6	11.2	15.8	21.0	26.5	35.3	46.0	64.8	110.4	185.3
22.5°	7.6	7.6	11.6	16.7	22.2	27.7	37.5	49.0	76.3	133.3	221.8
20°	7.6	7.6	12.0	17.5	23.3	29.1	39.7	51.9	88.3	154.9	258.2
17.5°	7.6	7.6	12.4	18.3	24.4	30.4	41.9	54.9	100.6	175.4	293.9
15°	7.6	7.6	12.8	19.1	25.4	31.7	44.0	58.7	112.9	194.5	328.6
12.5°	7.6	7.6	13.3	19.8	26.4	32.9	45.9	64.0	126.5	212.2	361.8
10°	7.6	7.6	13.7	20.5	27.3	34.1	47.7	69.5	141.0	232.9	395.1
7.5°	7.6	7.6	14.1	21.1	28.1	35.2	49.4	75.1	154.8	253.0	430.2
5°	7.6	7.6	14.5	21.7	28.9	36.2	50.8	80.7	167.7	271.6	462.4
2.5°	7.6	7.6	14.9	22.3	29.7	37.1	52.1	86.1	179.5	288.6	491.3
0°	7.6	7.6	15.2	22.8	30.4	38.0	53.2	91.1	189.9	303.8	516.4
-2.5°	7.6	7.6	15.2	22.8	30.4	38.0	53.2	91.1	189.9	303.8	516.4
-5°	7.6	7.6	15.1	22.7	31.6	39.5	58.8	108.9	203.5	348.8	557.5
-7.5°	7.6	7.6	15.1	22.6	32.1	40.2	61.2	116.3	208.2	365.9	572.0
-10°	7.6	7.6	15.0	22.5	32.4	40.8	63.1	122.4	211.7	378.4	582.6
-12.5°	7.6	7.6	14.8	22.3	32.7	41.3	64.6	127.0	214.1	384.8	590.9
-15°	7.6	7.6	14.7	22.0	32.8	41.7	65.5	129.8	218.6	384.1	594.0
-17.5°	7.6	7.6	14.5	21.7	32.7	42.0	65.9	132.5	225.1	380.3	590.3
-20°	7.6	7.6	14.3	21.4	32.5	42.3	67.6	135.3	229.4	373.3	579.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.6	7.6	14.0	21.1	32.1	42.4	71.9	136.5	231.2	363.3	561.0
-25°	7.6	7.6	13.8	20.7	31.6	45.2	75.5	136.0	230.6	350.4	534.7
-27.5°	7.6	7.6	13.5	20.2	30.8	48.8	78.2	134.0	227.3	339.4	515.5
-30°	7.6	7.6	13.2	19.7	30.0	51.8	80.1	130.2	223.1	334.5	494.0
-32.5°	7.6	7.6	12.8	19.2	31.1	54.3	81.2	130.4	217.6	326.2	469.6
-35°	7.6	7.6	12.4	18.7	31.9	56.3	83.4	131.2	210.1	314.4	442.6
-37.5°	7.6	7.6	12.1	18.1	32.5	57.5	85.6	130.7	200.3	299.2	430.5
-40°	7.6	7.6	11.6	17.4	32.7	58.0	86.9	129.0	188.5	284.5	417.0
-42.5°	7.6	7.6	11.2	17.1	32.9	58.0	87.4	126.0	181.7	272.7	396.3
-45°	7.6	7.6	10.7	17.2	33.1	57.6	86.9	123.3	176.9	258.2	370.4
-47.5°	7.6	7.6	10.3	17.1	32.9	56.7	85.6	121.5	170.5	240.7	349.8
-50°	7.6	7.6	9.8	16.9	32.3	55.4	83.8	118.5	165.5	234.5	325.4
-52.5°	7.6	7.6	9.2	16.5	31.3	53.6	81.5	114.3	161.2	226.3	299.3
-55°	7.6	7.6	8.7	16.1	30.0	51.4	78.6	109.2	155.9	216.0	286.8
-57.5°	7.6	7.6	8.2	15.5	28.3	48.7	75.1	104.6	148.6	205.2	272.0
-60°	7.6	7.6	7.6	14.8	26.3	45.4	70.9	99.4	139.3	192.4	255.0
-62.5°	7.6	7.6	7.6	14.0	24.9	41.5	65.2	92.6	127.7	177.2	235.1
-65°	7.6	7.6	7.6	13.1	23.2	37.2	58.8	83.9	113.7	157.3	212.5
-67.5°	7.6	7.6	7.6	12.1	21.4	33.4	51.7	73.7	97.6	133.9	182.6
-70°	7.6	7.6	7.6	11.0	19.5	30.4	44.1	62.8	83.6	108.0	147.6
-72.5°	7.6	7.6	7.6	10.7	17.4	27.1	38.9	51.4	69.0	89.6	113.0
-75°	7.6	7.6	7.6	10.6	15.1	23.6	33.9	43.3	53.7	70.6	89.8
-77.5°	7.6	7.6	7.6	10.5	14.3	19.9	28.6	36.4	44.6	53.5	65.9
-80°	7.6	7.6	7.6	10.4	13.8	18.0	23.2	29.3	35.9	43.1	50.7
-82.5°	7.6	7.6	7.6	10.2	13.3	16.9	20.9	23.8	27.1	32.5	38.3
-85°	7.6	7.6	7.6	10.0	12.7	15.7	19.1	21.6	24.1	26.7	29.2
-87.5°	7.6	7.6	7.6	9.7	12.1	14.5	17.2	19.4	21.6	23.8	26.0
-90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	5.7	3.8	1.9	0.0



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	24.7	26.6	28.5
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.2	2.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.0	4.1	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	4.3	2.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	2.1	2.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4.3	4.7	3.1	1.3	0.0	0.4	1.1	0.8	0.0	0.4	1.0
67.5°	7.1	5.3	3.4	2.1	2.9	3.8	3.6	3.8	4.1	4.5	3.9
65°	7.4	5.6	5.7	6.6	7.5	8.2	8.9	9.4	7.9	6.9	7.0
62.5°	7.9	8.6	9.9	11.1	12.2	13.2	13.3	11.8	9.0	11.3	12.9
60°	11.3	12.4	14.0	15.5	17.0	17.8	17.1	17.2	19.2	22.2	42.7
57.5°	15.2	16.2	18.1	20.5	22.6	23.0	23.7	25.7	60.2	98.3	108.6
55°	19.2	20.0	23.2	27.0	29.2	29.0	41.7	87.8	132.5	183.6	202.4
52.5°	23.1	24.8	30.2	34.7	37.6	58.6	105.5	168.1	234.1	292.8	368.6
50°	27.0	32.6	38.2	44.8	71.5	126.1	194.8	280.3	379.8	473.5	569.5
47.5°	33.8	40.7	49.3	70.7	140.9	216.8	311.7	449.3	572.1	685.5	817.1
45°	41.8	56.2	65.7	139.9	221.5	319.4	480.2	648.5	759.8	911.6	1144.4
42.5°	50.1	77.8	125.5	211.3	310.7	468.7	668.2	811.5	959.7	1205.7	1450.5
40°	72.0	104.2	189.3	291.4	417.4	647.8	852.4	1014.7	1217.1	1489.8	1745.4
37.5°	98.7	159.1	254.4	376.9	584.7	837.2	1056.4	1288.3	1520.8	1777.9	2252.0
35°	128.3	210.0	336.9	502.1	752.1	1047.3	1308.6	1567.7	1835.7	2342.0	2812.4
32.5°	166.9	256.8	423.1	647.8	933.1	1257.1	1560.5	1859.9	2289.8	2862.7	3334.8
30°	208.5	332.1	522.3	782.5	1103.4	1449.2	1814.0	2176.6	2745.5	3219.6	3732.1
27.5°	251.9	411.6	638.7	923.3	1263.0	1630.5	2042.2	2559.4	3066.9	3535.3	4098.6
25°	296.5	494.5	745.1	1058.0	1420.0	1826.6	2300.0	2930.0	3326.9	3844.7	4432.2
22.5°	353.9	573.8	850.4	1180.1	1565.4	2027.9	2631.8	3264.4	3731.5	4167.0	4740.9
20°	420.2	663.0	965.0	1333.0	1708.0	2224.6	2961.6	3626.9	4176.4	4675.1	5202.2
17.5°	482.2	746.4	1087.7	1489.2	1915.3	2476.7	3285.3	4021.6	4626.3	5181.9	5840.1
15°	539.5	823.6	1207.8	1637.0	2119.2	2765.5	3575.5	4384.1	5074.7	5699.9	6447.7
12.5°	591.9	894.1	1323.5	1775.3	2311.1	3014.4	3819.2	4608.5	5367.5	6182.1	7030.8
10°	639.1	957.5	1432.7	1903.0	2489.1	3225.0	4020.6	4795.6	5561.3	6423.4	7366.4
7.5°	689.8	1016.8	1531.9	2019.0	2651.0	3398.9	4181.4	4945.7	5717.9	6616.4	7584.5
5°	736.6	1071.3	1610.8	2102.2	2776.1	3534.7	4302.5	5059.7	5836.9	6760.2	7749.7
2.5°	777.7	1117.1	1675.0	2167.4	2868.9	3634.5	4381.1	5154.7	5925.1	6877.1	7875.8
0°	812.6	1154.3	1723.9	2217.5	2939.0	3706.0	4427.4	5217.2	5976.6	6956.3	7958.7
-2.5°	834.9	1215.3	1757.5	2304.8	3000.2	3752.8	4468.8	5234.7	6032.2	6981.4	8051.8
-5°	850.6	1264.6	1777.8	2372.2	3040.3	3773.4	4482.5	5221.2	6047.0	6975.0	8065.6
-7.5°	859.7	1299.4	1787.3	2410.5	3054.4	3761.0	4459.4	5195.5	6022.7	6951.2	8005.3
-10°	865.0	1310.4	1800.2	2398.9	3035.8	3720.3	4408.0	5135.2	5953.8	6873.5	7890.7
-12.5°	879.3	1303.4	1797.9	2373.4	2995.9	3658.8	4331.9	5039.6	5839.0	6741.1	7732.3
-15°	882.9	1287.7	1776.4	2335.8	2934.9	3578.4	4232.1	4908.6	5697.5	6611.9	7557.1
-17.5°	874.9	1264.2	1734.3	2287.9	2853.1	3480.9	4114.7	4790.7	5564.8	6463.1	7373.2
-20°	854.6	1233.5	1670.7	2231.2	2756.2	3372.5	3997.1	4666.9	5412.1	6256.5	7167.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	821.3	1196.5	1601.9	2152.2	2672.4	3248.1	3859.2	4498.3	5220.8	5988.6	6890.6
-25°	786.9	1154.7	1547.8	2043.5	2571.5	3102.8	3700.8	4292.2	4996.1	5750.1	6550.5
-27.5°	754.3	1096.4	1491.5	1924.5	2452.9	2947.6	3521.7	4098.6	4743.3	5482.4	6219.3
-30°	711.6	1033.3	1422.7	1810.1	2311.0	2801.4	3322.0	3889.7	4469.5	5170.9	5895.9
-32.5°	674.0	967.8	1344.5	1722.9	2158.5	2636.8	3106.6	3647.7	4213.7	4811.5	5527.9
-35°	648.8	929.0	1261.5	1622.2	2002.8	2457.8	2904.6	3374.8	3922.9	4484.0	5113.0
-37.5°	628.5	884.4	1174.2	1517.3	1879.6	2270.0	2688.4	3120.9	3599.2	4165.0	4756.4
-40°	596.4	834.3	1109.5	1417.3	1736.9	2092.0	2480.3	2871.8	3286.4	3839.1	4422.7
-42.5°	555.3	785.7	1048.5	1308.4	1600.4	1924.6	2269.7	2638.4	3036.9	3516.9	4053.4
-45°	523.7	723.6	980.7	1213.5	1455.3	1751.7	2075.8	2409.8	2785.6	3197.7	3679.5
-47.5°	483.5	656.1	892.1	1109.6	1322.6	1575.6	1872.0	2188.2	2521.1	2892.4	3287.3
-50°	440.6	599.7	783.6	995.4	1198.5	1408.9	1661.7	1954.1	2256.1	2579.8	2932.1
-52.5°	408.0	533.9	701.7	878.0	1071.6	1262.5	1477.7	1728.4	1998.1	2268.6	2578.5
-55°	371.1	485.4	623.7	781.8	946.6	1123.2	1319.2	1538.8	1758.7	2007.2	2254.4
-57.5°	345.1	438.7	558.6	695.9	844.0	994.1	1179.1	1364.7	1568.2	1773.9	1979.1
-60°	324.9	398.4	497.9	618.8	750.7	891.1	1042.9	1214.3	1389.6	1557.4	1734.8
-62.5°	301.7	365.7	443.4	542.0	661.3	783.4	917.0	1063.9	1222.5	1363.8	1501.3
-65°	271.7	327.3	394.0	474.3	567.9	671.1	785.0	908.9	1045.9	1160.6	1272.8
-67.5°	237.2	284.0	340.0	405.6	483.6	564.2	647.8	752.5	863.8	957.4	1048.8
-70°	193.8	237.1	282.9	336.4	397.6	465.9	539.5	615.4	691.6	768.0	851.7
-72.5°	148.4	187.8	226.6	264.7	313.5	369.4	429.4	493.2	559.7	625.0	688.6
-75°	113.1	138.7	172.6	207.0	240.8	277.2	317.8	368.5	430.3	493.7	551.8
-77.5°	85.4	106.9	129.5	153.1	174.5	201.4	230.6	262.2	313.1	371.6	430.7
-80°	61.6	74.5	92.4	111.4	126.5	141.3	156.7	172.7	210.6	257.8	308.1
-82.5°	45.8	54.5	64.5	75.5	83.1	90.5	98.7	109.3	137.4	169.3	202.9
-85°	31.5	34.1	39.5	45.6	49.9	54.2	58.6	63.1	78.2	95.2	113.5
-87.5°	27.2	28.5	29.9	31.5	32.1	32.6	33.1	33.5	38.7	44.0	49.5
-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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	30.4	32.3	34.2	36.1	38.0	39.9	41.8	43.7	45.6	45.6	45.6
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°	0.7	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3.5	3.9	3.9	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	8.0	7.7	5.7	3.7	1.8	2.9	4.6	5.5	5.6	5.0	3.8
62.5°	12.0	11.1	10.0	11.6	13.8	16.0	15.3	14.5	13.5	12.9	13.3
60°	44.9	30.0	34.6	43.5	40.6	27.8	45.8	51.8	44.1	30.2	29.2
57.5°	113.8	109.8	125.8	183.9	202.4	184.4	220.3	267.5	266.1	229.1	227.9
55°	242.5	325.4	425.5	441.7	511.3	650.8	759.4	711.8	711.5	747.2	862.6
52.5°	460.6	538.9	568.0	645.7	791.2	896.8	964.7	1034.9	1111.9	1190.4	1270.0
50°	676.1	752.0	838.2	917.8	1119.2	1227.6	1209.5	1355.0	1541.2	1657.5	1717.2
47.5°	991.6	1111.3	1293.5	1578.9	1729.3	1838.0	1973.1	2137.9	2351.2	2640.5	2863.4
45°	1363.2	1551.4	1833.3	2136.5	2369.8	2476.1	2630.8	2886.0	3226.1	3557.3	3799.2
42.5°	1666.9	1925.1	2243.1	2532.8	2723.1	2897.7	3097.9	3313.1	3702.7	4056.5	4336.0
40°	2063.3	2264.3	2621.1	2894.3	3064.6	3237.7	3555.0	3877.1	4243.5	4573.0	4802.1
37.5°	2565.6	2791.9	3163.0	3471.9	3635.9	3697.1	4236.7	4685.1	4982.9	5403.6	5541.2
35°	3105.2	3477.8	3950.6	4351.2	4511.9	4832.9	5388.8	6014.5	6692.4	6941.8	7154.3
32.5°	3707.3	4166.9	4808.5	5238.3	5467.8	5954.9	6658.4	7326.3	8212.8	8693.8	8837.6
30°	4258.1	4785.5	5336.9	5754.7	6147.1	6733.7	7375.3	8198.7	9018.4	9633.5	9824.6
27.5°	4662.3	5245.8	5776.0	6167.3	6610.0	7242.4	8042.4	8876.3	9680.9	10308.5	10531.5
25°	5048.1	5707.8	6127.5	6582.4	7102.2	7791.5	8678.0	9604.6	10397.1	10927.5	11201.0
22.5°	5487.1	6137.4	6588.0	6973.4	7653.0	8447.2	9270.1	10317.1	11156.7	11580.0	11876.4
20°	5940.0	6675.8	7371.9	7730.3	8318.4	9324.0	10245.2	11233.6	12044.4	12485.5	12797.7
17.5°	6572.0	7509.7	8363.5	8871.0	9500.7	10703.2	11852.6	12852.5	13980.4	14378.8	14760.4
15°	7238.4	8323.8	9323.9	10128.0	10941.4	12132.7	13612.4	14819.0	16106.0	16680.7	17330.5
12.5°	7902.8	8929.8	9835.9	10873.2	12019.6	13073.5	14482.2	15984.7	17152.6	17885.5	18323.0
10°	8399.3	9353.2	10225.1	11264.9	12409.2	13601.3	15001.1	16541.3	17763.9	18389.3	18746.3
7.5°	8667.4	9580.4	10500.0	11553.7	12692.9	13962.5	15404.8	16932.8	18182.9	18788.9	19141.5
5°	8866.5	9743.3	10695.6	11804.8	12956.5	14243.9	15684.2	17194.1	18333.9	18977.9	19423.7
2.5°	8987.0	9846.6	10820.2	11967.0	13121.6	14462.5	15972.3	17537.4	18534.7	19052.8	19462.8
0°	9021.9	9887.6	10890.1	12052.0	13236.7	14588.5	16084.5	17633.7	18643.8	19145.0	19562.7
-2.5°	9061.2	9952.6	10982.5	12107.1	13281.7	14629.7	16156.8	17666.3	18575.0	19080.7	19478.1
-5°	9033.8	9957.7	10984.5	12061.5	13243.9	14581.1	16047.1	17458.6	18409.1	18955.8	19350.9
-7.5°	8952.1	9889.1	10905.3	11940.4	13100.2	14452.6	15912.4	17271.6	18234.4	18811.0	19243.3
-10°	8833.1	9742.7	10766.0	11814.3	12960.2	14247.5	15684.9	17036.0	17957.5	18569.7	19073.6
-12.5°	8701.3	9592.1	10578.3	11583.9	12717.3	13988.6	15381.3	16660.3	17576.3	18244.1	18604.2
-15°	8505.9	9396.2	10339.1	11311.7	12416.4	13649.8	14980.2	16207.2	17106.7	17650.1	18048.1
-17.5°	8257.4	9130.9	10024.8	10947.4	11988.2	13202.8	14541.3	15751.4	16484.7	16970.0	17361.1
-20°	7991.3	8799.0	9645.9	10516.5	11525.2	12728.5	14043.0	15098.5	15789.7	16256.0	16625.3



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7687.3	8465.2	9240.4	10072.6	11061.7	12164.9	13326.0	14346.0	15089.1	15513.8	15855.0
-25°	7340.3	8096.9	8833.1	9636.9	10545.9	11537.6	12617.1	13619.5	14285.1	14736.2	15074.6
-27.5°	6966.6	7677.4	8396.5	9118.3	9935.6	10923.7	11923.4	12854.6	13422.7	13877.4	14217.9
-30°	6593.5	7233.0	7898.3	8581.6	9348.6	10239.4	11174.7	11957.7	12556.8	12998.6	13314.7
-32.5°	6189.2	6796.1	7385.5	8024.2	8746.3	9531.4	10352.2	11097.0	11737.2	12141.8	12408.2
-35°	5775.2	6362.6	6902.2	7481.8	8118.8	8796.4	9553.9	10288.5	10920.7	11240.9	11500.5
-37.5°	5343.9	5929.7	6441.1	6925.4	7474.2	8101.6	8839.5	9540.4	10086.6	10361.8	10595.8
-40°	4969.0	5484.6	5945.0	6408.4	6854.5	7411.7	8100.3	8778.9	9217.1	9485.3	9702.7
-42.5°	4604.9	5039.9	5416.9	5832.2	6278.8	6828.1	7383.7	7952.6	8304.9	8602.6	8831.6
-45°	4180.9	4569.7	4923.2	5268.7	5675.9	6177.4	6682.1	7137.9	7467.8	7755.5	7978.5
-47.5°	3711.9	4087.3	4430.6	4739.4	5117.9	5536.2	5961.2	6340.5	6666.2	6950.6	7149.5
-50°	3274.9	3610.2	3945.4	4258.0	4586.0	4924.4	5269.2	5602.0	5911.3	6187.6	6356.9
-52.5°	2883.4	3192.8	3485.7	3759.1	4046.1	4332.0	4617.5	4922.3	5206.9	5468.4	5603.5
-55°	2529.1	2808.1	3072.5	3302.7	3533.0	3759.8	4004.5	4285.9	4548.0	4790.2	4887.2
-57.5°	2211.1	2449.9	2683.8	2878.6	3066.6	3247.0	3461.8	3699.4	3928.7	4136.3	4215.7
-60°	1918.7	2108.1	2303.8	2476.5	2640.3	2795.0	2982.4	3173.7	3359.7	3516.2	3583.8
-62.5°	1649.6	1811.7	1959.9	2100.3	2239.0	2378.3	2529.5	2681.3	2831.5	2952.1	3013.1
-65°	1390.1	1519.2	1638.4	1753.8	1865.9	1982.8	2101.2	2216.5	2327.7	2413.9	2466.8
-67.5°	1146.7	1244.8	1339.3	1429.3	1523.0	1617.9	1710.5	1798.8	1882.3	1948.9	1999.5
-70°	930.8	1006.8	1080.7	1155.2	1233.5	1307.2	1376.9	1443.0	1505.2	1553.2	1592.1
-72.5°	750.3	811.9	875.8	942.9	1006.1	1061.2	1111.3	1159.6	1205.9	1233.0	1253.3
-75°	604.9	656.7	712.3	766.6	819.4	861.3	898.1	933.7	968.0	969.8	963.0
-77.5°	488.7	535.0	578.0	620.7	662.8	688.6	711.2	734.4	757.8	744.3	722.8
-80°	358.7	397.3	433.8	470.5	507.2	522.5	533.1	542.4	550.2	532.4	510.5
-82.5°	238.1	262.4	286.1	310.3	334.7	344.5	351.8	357.8	362.6	346.6	328.1
-85°	132.8	144.5	156.0	167.5	179.1	186.0	192.2	198.0	203.2	193.7	182.9
-87.5°	55.2	57.9	60.5	63.0	65.4	67.9	70.3	72.6	74.9	75.2	75.4
-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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	43.7
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°	2.3	0.4	0.0	0.0	0.0	0.4	2.3	3.8	5.0	5.6	5.5
62.5°	13.9	14.5	15.0	15.2	15.0	14.5	13.9	13.3	12.9	13.5	14.5
60°	26.9	23.5	22.7	22.8	22.7	23.5	26.9	29.2	30.2	44.1	51.8
57.5°	210.5	180.2	184.8	205.0	184.8	180.2	210.5	227.9	229.1	266.1	267.5
55°	983.8	1098.2	1138.6	1116.3	1138.6	1098.2	983.8	862.6	747.2	711.5	711.8
52.5°	1332.9	1379.9	1397.9	1397.3	1397.9	1379.9	1332.9	1270.0	1190.4	1111.9	1034.9
50°	1735.3	1719.4	1695.0	1670.7	1695.0	1719.4	1735.3	1717.2	1657.5	1541.2	1355.0
47.5°	2896.0	2845.8	2824.6	2863.0	2824.6	2845.8	2896.0	2863.4	2640.5	2351.2	2137.9
45°	3848.5	3907.3	3951.2	3949.0	3951.2	3907.3	3848.5	3799.2	3557.3	3226.1	2886.0
42.5°	4390.8	4422.1	4431.2	4419.8	4431.2	4422.1	4390.8	4336.0	4056.5	3702.7	3313.1
40°	4874.1	4911.4	4932.5	4951.4	4932.5	4911.4	4874.1	4802.1	4573.0	4243.5	3877.1
37.5°	5586.6	5600.3	5570.5	5551.4	5570.5	5600.3	5586.6	5541.2	5403.6	4982.9	4685.1
35°	7333.5	7369.3	7286.5	7374.0	7286.5	7369.3	7333.5	7154.3	6941.8	6692.4	6014.5
32.5°	9008.9	9176.6	9312.2	9424.4	9312.2	9176.6	9008.9	8837.6	8693.8	8212.8	7326.3
30°	9957.9	10066.1	10124.2	10138.3	10124.2	10066.1	9957.9	9824.6	9633.5	9018.4	8198.7
27.5°	10654.7	10768.1	10838.7	10890.1	10838.7	10768.1	10654.7	10531.5	10308.5	9680.9	8876.3
25°	11326.3	11430.0	11500.5	11528.0	11500.5	11430.0	11326.3	11201.0	10927.5	10397.1	9604.6
22.5°	12023.1	12095.2	12163.0	12196.3	12163.0	12095.2	12023.1	11876.4	11580.0	11156.7	10317.1
20°	13022.1	12983.0	13044.8	13024.1	13044.8	12983.0	13022.1	12797.7	12485.5	12044.4	11233.6
17.5°	15058.0	15079.1	15120.4	15188.4	15120.4	15079.1	15058.0	14760.4	14378.8	13980.4	12852.5
15°	17618.3	17669.9	17931.7	18165.3	17931.7	17669.9	17618.3	17330.5	16680.7	16106.0	14819.0
12.5°	18729.0	18907.2	18934.9	19000.7	18934.9	18907.2	18729.0	18323.0	17885.5	17152.6	15984.7
10°	19099.5	19408.3	19401.6	19479.1	19401.6	19408.3	19099.5	18746.3	18389.3	17763.9	16541.3
7.5°	19380.6	19712.3	19852.4	19912.0	19852.4	19712.3	19380.6	19141.5	18788.9	18182.9	16932.8
5°	19724.1	19906.4	20148.2	20079.1	20148.2	19906.4	19724.1	19423.7	18977.9	18333.9	17194.1
2.5°	19868.0	20153.6	20087.6	20155.0	20087.6	20153.6	19868.0	19462.8	19052.8	18534.7	17537.4
0°	19965.1	20170.2	20200.6	20268.9	20200.6	20170.2	19965.1	19562.7	19145.0	18643.8	17633.7
-2.5°	19847.4	20027.8	20343.8	20246.1	20343.8	20027.8	19847.4	19478.1	19080.7	18575.0	17666.3
-5°	19744.1	20188.3	20015.8	20230.9	20015.8	20188.3	19744.1	19350.9	18955.8	18409.1	17458.6
-7.5°	19690.8	19770.2	19884.7	20048.7	19884.7	19770.2	19690.8	19243.3	18811.0	18234.4	17271.6
-10°	19278.6	19359.9	19570.2	19684.2	19570.2	19359.9	19278.6	19073.6	18569.7	17957.5	17036.0
-12.5°	18831.6	18988.9	19209.8	19281.7	19209.8	18988.9	18831.6	18604.2	18244.1	17576.3	16660.3
-15°	18316.7	18550.3	18765.6	18810.8	18765.6	18550.3	18316.7	18048.1	17650.1	17106.7	16207.2
-17.5°	17661.9	17941.9	18168.3	18218.5	18168.3	17941.9	17661.9	17361.1	16970.0	16484.7	15751.4
-20°	16940.3	17208.6	17401.1	17459.1	17401.1	17208.6	16940.3	16625.3	16256.0	15789.7	15098.5



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16167.8	16409.4	16572.1	16547.8	16572.1	16409.4	16167.8	15855.0	15513.8	15089.1	14346.0
-25°	15347.7	15571.9	15726.9	15704.8	15726.9	15571.9	15347.7	15074.6	14736.2	14285.1	13619.5
-27.5°	14480.6	14693.0	14841.9	14846.7	14841.9	14693.0	14480.6	14217.9	13877.4	13422.7	12854.6
-30°	13569.5	13762.4	13883.4	13836.6	13883.4	13762.4	13569.5	13314.7	12998.6	12556.8	11957.7
-32.5°	12629.7	12804.2	12915.1	12948.1	12915.1	12804.2	12629.7	12408.2	12141.8	11737.2	11097.0
-35°	11702.9	11856.6	11952.4	11976.1	11952.4	11856.6	11702.9	11500.5	11240.9	10920.7	10288.5
-37.5°	10781.9	10914.3	10981.1	10950.8	10981.1	10914.3	10781.9	10595.8	10361.8	10086.6	9540.4
-40°	9871.8	9997.9	10074.5	10092.7	10074.5	9997.9	9871.8	9702.7	9485.3	9217.1	8778.9
-42.5°	8977.0	9081.8	9149.1	9181.4	9149.1	9081.8	8977.0	8831.6	8602.6	8304.9	7952.6
-45°	8108.7	8202.3	8265.5	8300.5	8265.5	8202.3	8108.7	7978.5	7755.5	7467.8	7137.9
-47.5°	7263.7	7345.9	7400.3	7427.1	7400.3	7345.9	7263.7	7149.5	6950.6	6666.2	6340.5
-50°	6455.9	6527.0	6577.8	6607.0	6577.8	6527.0	6455.9	6356.9	6187.6	5911.3	5602.0
-52.5°	5689.7	5751.8	5795.1	5817.2	5795.1	5751.8	5689.7	5603.5	5468.4	5206.9	4922.3
-55°	4958.0	5008.4	5048.4	5072.9	5048.4	5008.4	4958.0	4887.2	4790.2	4548.0	4285.9
-57.5°	4275.8	4316.9	4354.9	4381.9	4354.9	4316.9	4275.8	4215.7	4136.3	3928.7	3699.4
-60°	3637.1	3676.0	3708.3	3728.8	3708.3	3676.0	3637.1	3583.8	3516.2	3359.7	3173.7
-62.5°	3060.8	3095.2	3124.7	3144.0	3124.7	3095.2	3060.8	3013.1	2952.1	2831.5	2681.3
-65°	2508.3	2539.1	2561.2	2574.4	2561.2	2539.1	2508.3	2466.8	2413.9	2327.7	2216.5
-67.5°	2042.6	2078.2	2085.2	2080.8	2085.2	2078.2	2042.6	1999.5	1948.9	1882.3	1798.8
-70°	1626.9	1657.0	1664.0	1663.1	1664.0	1657.0	1626.9	1592.1	1553.2	1505.2	1443.0
-72.5°	1272.1	1288.5	1274.5	1253.0	1274.5	1288.5	1272.1	1253.3	1233.0	1205.9	1159.6
-75°	954.6	944.1	929.4	911.3	929.4	944.1	954.6	963.0	969.8	968.0	933.7
-77.5°	699.1	673.3	656.3	637.9	656.3	673.3	699.1	722.8	744.3	757.8	734.4
-80°	486.8	461.4	443.9	425.3	443.9	461.4	486.8	510.5	532.4	550.2	542.4
-82.5°	308.4	287.5	276.9	265.8	276.9	287.5	308.4	328.1	346.6	362.6	357.8
-85°	171.3	159.0	151.8	144.3	151.8	159.0	171.3	182.9	193.7	203.2	198.0
-87.5°	75.6	75.8	72.1	68.3	72.1	75.8	75.6	75.4	75.2	74.9	72.6
-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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	41.8	39.9	38.0	36.1	34.2	32.3	30.4	28.5	26.6	24.7	22.8
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	0.2	0.2	0.0	0.0	0.7	1.0	0.4	0.0	0.8
67.5°	0.0	0.0	1.4	3.1	3.9	3.9	3.5	3.9	4.5	4.1	3.8
65°	4.6	2.9	1.8	3.7	5.7	7.7	8.0	7.0	6.9	7.9	9.4
62.5°	15.3	16.0	13.8	11.6	10.0	11.1	12.0	12.9	11.3	9.0	11.8
60°	45.8	27.8	40.6	43.5	34.6	30.0	44.9	42.7	22.2	19.2	17.2
57.5°	220.3	184.4	202.4	183.9	125.8	109.8	113.8	108.6	98.3	60.2	25.7
55°	759.4	650.8	511.3	441.7	425.5	325.4	242.5	202.4	183.6	132.5	87.8
52.5°	964.7	896.8	791.2	645.7	568.0	538.9	460.6	368.6	292.8	234.1	168.1
50°	1209.5	1227.6	1119.2	917.8	838.2	752.0	676.1	569.5	473.5	379.8	280.3
47.5°	1973.1	1838.0	1729.3	1578.9	1293.5	1111.3	991.6	817.1	685.5	572.1	449.3
45°	2630.8	2476.1	2369.8	2136.5	1833.3	1551.4	1363.2	1144.4	911.6	759.8	648.5
42.5°	3097.9	2897.7	2723.1	2532.8	2243.1	1925.1	1666.9	1450.5	1205.7	959.7	811.5
40°	3555.0	3237.7	3064.6	2894.3	2621.1	2264.3	2063.3	1745.4	1489.8	1217.1	1014.7
37.5°	4236.7	3697.1	3635.9	3471.9	3163.0	2791.9	2565.6	2252.0	1777.9	1520.8	1288.3
35°	5388.8	4832.9	4511.9	4351.2	3950.6	3477.8	3105.2	2812.4	2342.0	1835.7	1567.7
32.5°	6658.4	5954.9	5467.8	5238.3	4808.5	4166.9	3707.3	3334.8	2862.7	2289.8	1859.9
30°	7375.3	6733.7	6147.1	5754.7	5336.9	4785.5	4258.1	3732.1	3219.6	2745.5	2176.6
27.5°	8042.4	7242.4	6610.0	6167.3	5776.0	5245.8	4662.3	4098.6	3535.3	3066.9	2559.4
25°	8678.0	7791.5	7102.2	6582.4	6127.5	5707.8	5048.1	4432.2	3844.7	3326.9	2930.0
22.5°	9270.1	8447.2	7653.0	6973.4	6588.0	6137.4	5487.1	4740.9	4167.0	3731.5	3264.4
20°	10245.2	9324.0	8318.4	7730.3	7371.9	6675.8	5940.0	5202.2	4675.1	4176.4	3626.9
17.5°	11852.6	10703.2	9500.7	8871.0	8363.5	7509.7	6572.0	5840.1	5181.9	4626.3	4021.6
15°	13612.4	12132.7	10941.4	10128.0	9323.9	8323.8	7238.4	6447.7	5699.9	5074.7	4384.1
12.5°	14482.2	13073.5	12019.6	10873.2	9835.9	8929.8	7902.8	7030.8	6182.1	5367.5	4608.5
10°	15001.1	13601.3	12409.2	11264.9	10225.1	9353.2	8399.3	7366.4	6423.4	5561.3	4795.6
7.5°	15404.8	13962.5	12692.9	11553.7	10500.0	9580.4	8667.4	7584.5	6616.4	5717.9	4945.7
5°	15684.2	14243.9	12956.5	11804.8	10695.6	9743.3	8866.5	7749.7	6760.2	5836.9	5059.7
2.5°	15972.3	14462.5	13121.6	11967.0	10820.2	9846.6	8987.0	7875.8	6877.1	5925.1	5154.7
0°	16084.5	14588.5	13236.7	12052.0	10890.1	9887.6	9021.9	7958.7	6956.3	5976.6	5217.2
-2.5°	16156.8	14629.7	13281.7	12107.1	10982.5	9952.6	9061.2	8051.8	6981.4	6032.2	5234.7
-5°	16047.1	14581.1	13243.9	12061.5	10984.5	9957.7	9033.8	8065.6	6975.0	6047.0	5221.2
-7.5°	15912.4	14452.6	13100.2	11940.4	10905.3	9889.1	8952.1	8005.3	6951.2	6022.7	5195.5
-10°	15684.9	14247.5	12960.2	11814.3	10766.0	9742.7	8833.1	7890.7	6873.5	5953.8	5135.2
-12.5°	15381.3	13988.6	12717.3	11583.9	10578.3	9592.1	8701.3	7732.3	6741.1	5839.0	5039.6
-15°	14980.2	13649.8	12416.4	11311.7	10339.1	9396.2	8505.9	7557.1	6611.9	5697.5	4908.6
-17.5°	14541.3	13202.8	11988.2	10947.4	10024.8	9130.9	8257.4	7373.2	6463.1	5564.8	4790.7
-20°	14043.0	12728.5	11525.2	10516.5	9645.9	8799.0	7991.3	7167.3	6256.5	5412.1	4666.9



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13326.0	12164.9	11061.7	10072.6	9240.4	8465.2	7687.3	6890.6	5988.6	5220.8	4498.3
-25°	12617.1	11537.6	10545.9	9636.9	8833.1	8096.9	7340.3	6550.5	5750.1	4996.1	4292.2
-27.5°	11923.4	10923.7	9935.6	9118.3	8396.5	7677.4	6966.6	6219.3	5482.4	4743.3	4098.6
-30°	11174.7	10239.4	9348.6	8581.6	7898.3	7233.0	6593.5	5895.9	5170.9	4469.5	3889.7
-32.5°	10352.2	9531.4	8746.3	8024.2	7385.5	6796.1	6189.2	5527.9	4811.5	4213.7	3647.7
-35°	9553.9	8796.4	8118.8	7481.8	6902.2	6362.6	5775.2	5113.0	4484.0	3922.9	3374.8
-37.5°	8839.5	8101.6	7474.2	6925.4	6441.1	5929.7	5343.9	4756.4	4165.0	3599.2	3120.9
-40°	8100.3	7411.7	6854.5	6408.4	5945.0	5484.6	4969.0	4422.7	3839.1	3286.4	2871.8
-42.5°	7383.7	6828.1	6278.8	5832.2	5416.9	5039.9	4604.9	4053.4	3516.9	3036.9	2638.4
-45°	6682.1	6177.4	5675.9	5268.7	4923.2	4569.7	4180.9	3679.5	3197.7	2785.6	2409.8
-47.5°	5961.2	5536.2	5117.9	4739.4	4430.6	4087.3	3711.9	3287.3	2892.4	2521.1	2188.2
-50°	5269.2	4924.4	4586.0	4258.0	3945.4	3610.2	3274.9	2932.1	2579.8	2256.1	1954.1
-52.5°	4617.5	4332.0	4046.1	3759.1	3485.7	3192.8	2883.4	2578.5	2268.6	1998.1	1728.4
-55°	4004.5	3759.8	3533.0	3302.7	3072.5	2808.1	2529.1	2254.4	2007.2	1758.7	1538.8
-57.5°	3461.8	3247.0	3066.6	2878.6	2683.8	2449.9	2211.1	1979.1	1773.9	1568.2	1364.7
-60°	2982.4	2795.0	2640.3	2476.5	2303.8	2108.1	1918.7	1734.8	1557.4	1389.6	1214.3
-62.5°	2529.5	2378.3	2239.0	2100.3	1959.9	1811.7	1649.6	1501.3	1363.8	1222.5	1063.9
-65°	2101.2	1982.8	1865.9	1753.8	1638.4	1519.2	1390.1	1272.8	1160.6	1045.9	908.9
-67.5°	1710.5	1617.9	1523.0	1429.3	1339.3	1244.8	1146.7	1048.8	957.4	863.8	752.5
-70°	1376.9	1307.2	1233.5	1155.2	1080.7	1006.8	930.8	851.7	768.0	691.6	615.4
-72.5°	1111.3	1061.2	1006.1	942.9	875.8	811.9	750.3	688.6	625.0	559.7	493.2
-75°	898.1	861.3	819.4	766.6	712.3	656.7	604.9	551.8	493.7	430.3	368.5
-77.5°	711.2	688.6	662.8	620.7	578.0	535.0	488.7	430.7	371.6	313.1	262.2
-80°	533.1	522.5	507.2	470.5	433.8	397.3	358.7	308.1	257.8	210.6	172.7
-82.5°	351.8	344.5	334.7	310.3	286.1	262.4	238.1	202.9	169.3	137.4	109.3
-85°	192.2	186.0	179.1	167.5	156.0	144.5	132.8	113.5	95.2	78.2	63.1
-87.5°	70.3	67.9	65.4	63.0	60.5	57.9	55.2	49.5	44.0	38.7	33.5
-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: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	20.9	19.0	17.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	4.0
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	1.2	2.3
82.5°	0.0	0.0	0.0	0.1	1.3	2.0	2.2	2.0	1.1	0.2	0.6
80°	0.0	0.0	0.0	0.2	1.9	4.1	5.0	5.2	4.0	2.8	1.5
77.5°	0.0	0.0	0.0	0.1	0.8	2.2	4.3	6.9	6.8	5.3	3.7
75°	0.0	0.0	0.0	0.3	0.5	0.1	1.6	4.0	6.2	7.5	6.0
72.5°	0.0	0.0	0.0	0.9	2.0	2.1	1.3	1.3	4.4	6.5	7.5
70°	1.1	0.4	0.0	1.3	3.1	4.7	4.3	3.5	2.9	5.6	7.2
67.5°	3.6	3.8	2.9	2.1	3.4	5.3	7.1	6.8	5.9	4.9	7.0
65°	8.9	8.2	7.5	6.6	5.7	5.6	7.4	9.4	8.9	7.6	6.9
62.5°	13.3	13.2	12.2	11.1	9.9	8.6	7.9	10.5	11.5	10.2	8.6
60°	17.1	17.8	17.0	15.5	14.0	12.4	11.3	11.9	13.3	12.8	10.9
57.5°	23.7	23.0	22.6	20.5	18.1	16.2	15.2	14.9	15.2	15.1	13.1
55°	41.7	29.0	29.2	27.0	23.2	20.0	19.2	18.5	17.7	17.3	15.4
52.5°	105.5	58.6	37.6	34.7	30.2	24.8	23.1	22.1	20.9	19.8	17.6
50°	194.8	126.1	71.5	44.8	38.2	32.6	27.0	25.6	24.1	22.5	19.8
47.5°	311.7	216.8	140.9	70.7	49.3	40.7	33.8	29.2	27.3	25.4	21.9
45°	480.2	319.4	221.5	139.9	65.7	56.2	41.8	32.7	30.5	28.0	24.0
42.5°	668.2	468.7	310.7	211.3	125.5	77.8	50.1	39.7	33.7	30.9	26.3
40°	852.4	647.8	417.4	291.4	189.3	104.2	72.0	47.4	36.8	33.9	28.9
37.5°	1056.4	837.2	584.7	376.9	254.4	159.1	98.7	55.2	41.8	37.0	31.5
35°	1308.6	1047.3	752.1	502.1	336.9	210.0	128.3	70.3	51.4	40.4	34.3
32.5°	1560.5	1257.1	933.1	647.8	423.1	256.8	166.9	100.3	62.6	43.9	37.1
30°	1814.0	1449.2	1103.4	782.5	522.3	332.1	208.5	129.4	75.4	47.5	40.0
27.5°	2042.2	1630.5	1263.0	923.3	638.7	411.6	251.9	157.6	89.6	53.8	43.0
25°	2300.0	1826.6	1420.0	1058.0	745.1	494.5	296.5	185.3	110.4	64.8	46.0
22.5°	2631.8	2027.9	1565.4	1180.1	850.4	573.8	353.9	221.8	133.3	76.3	49.0
20°	2961.6	2224.6	1708.0	1333.0	965.0	663.0	420.2	258.2	154.9	88.3	51.9
17.5°	3285.3	2476.7	1915.3	1489.2	1087.7	746.4	482.2	293.9	175.4	100.6	54.9
15°	3575.5	2765.5	2119.2	1637.0	1207.8	823.6	539.5	328.6	194.5	112.9	58.7
12.5°	3819.2	3014.4	2311.1	1775.3	1323.5	894.1	591.9	361.8	212.2	126.5	64.0
10°	4020.6	3225.0	2489.1	1903.0	1432.7	957.5	639.1	395.1	232.9	141.0	69.5
7.5°	4181.4	3398.9	2651.0	2019.0	1531.9	1016.8	689.8	430.2	253.0	154.8	75.1
5°	4302.5	3534.7	2776.1	2102.2	1610.8	1071.3	736.6	462.4	271.6	167.7	80.7
2.5°	4381.1	3634.5	2868.9	2167.4	1675.0	1117.1	777.7	491.3	288.6	179.5	86.1
0°	4427.4	3706.0	2939.0	2217.5	1723.9	1154.3	812.6	516.4	303.8	189.9	91.1
-2.5°	4468.8	3752.8	3000.2	2304.8	1757.5	1215.3	834.9	539.0	327.8	197.4	100.4
-5°	4482.5	3773.4	3040.3	2372.2	1777.8	1264.6	850.6	557.5	348.8	203.5	108.9
-7.5°	4459.4	3761.0	3054.4	2410.5	1787.3	1299.4	859.7	572.0	365.9	208.2	116.3
-10°	4408.0	3720.3	3035.8	2398.9	1800.2	1310.4	865.0	582.6	378.4	211.7	122.4
-12.5°	4331.9	3658.8	2995.9	2373.4	1797.9	1303.4	879.3	590.9	384.8	214.1	127.0
-15°	4232.1	3578.4	2934.9	2335.8	1776.4	1287.7	882.9	594.0	384.1	218.6	129.8
-17.5°	4114.7	3480.9	2853.1	2287.9	1734.3	1264.2	874.9	590.3	380.3	225.1	132.5
-20°	3997.1	3372.5	2756.2	2231.2	1670.7	1233.5	854.6	579.4	373.3	229.4	135.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3859.2	3248.1	2672.4	2152.2	1601.9	1196.5	821.3	561.0	363.3	231.2	136.5
-25°	3700.8	3102.8	2571.5	2043.5	1547.8	1154.7	786.9	534.7	350.4	230.6	136.0
-27.5°	3521.7	2947.6	2452.9	1924.5	1491.5	1096.4	754.3	515.5	339.4	227.3	134.0
-30°	3322.0	2801.4	2311.0	1810.1	1422.7	1033.3	711.6	494.0	334.5	223.1	130.2
-32.5°	3106.6	2636.8	2158.5	1722.9	1344.5	967.8	674.0	469.6	326.2	217.6	130.4
-35°	2904.6	2457.8	2002.8	1622.2	1261.5	929.0	648.8	442.6	314.4	210.1	131.2
-37.5°	2688.4	2270.0	1879.6	1517.3	1174.2	884.4	628.5	430.5	299.2	200.3	130.7
-40°	2480.3	2092.0	1736.9	1417.3	1109.5	834.3	596.4	417.0	284.5	188.5	129.0
-42.5°	2269.7	1924.6	1600.4	1308.4	1048.5	785.7	555.3	396.3	272.7	181.7	126.0
-45°	2075.8	1751.7	1455.3	1213.5	980.7	723.6	523.7	370.4	258.2	176.9	123.3
-47.5°	1872.0	1575.6	1322.6	1109.6	892.1	656.1	483.5	349.8	240.7	170.5	121.5
-50°	1661.7	1408.9	1198.5	995.4	783.6	599.7	440.6	325.4	234.5	165.5	118.5
-52.5°	1477.7	1262.5	1071.6	878.0	701.7	533.9	408.0	299.3	226.3	161.2	114.3
-55°	1319.2	1123.2	946.6	781.8	623.7	485.4	371.1	286.8	216.0	155.9	109.2
-57.5°	1179.1	994.1	844.0	695.9	558.6	438.7	345.1	272.0	205.2	148.6	104.6
-60°	1042.9	891.1	750.7	618.8	497.9	398.4	324.9	255.0	192.4	139.3	99.4
-62.5°	917.0	783.4	661.3	542.0	443.4	365.7	301.7	235.1	177.2	127.7	92.6
-65°	785.0	671.1	567.9	474.3	394.0	327.3	271.7	212.5	157.3	113.7	83.9
-67.5°	647.8	564.2	483.6	405.6	340.0	284.0	237.2	182.6	133.9	97.6	73.7
-70°	539.5	465.9	397.6	336.4	282.9	237.1	193.8	147.6	108.0	83.6	62.8
-72.5°	429.4	369.4	313.5	264.7	226.6	187.8	148.4	113.0	89.6	69.0	51.4
-75°	317.8	277.2	240.8	207.0	172.6	138.7	113.1	89.8	70.6	53.7	43.3
-77.5°	230.6	201.4	174.5	153.1	129.5	106.9	85.4	65.9	53.5	44.6	36.4
-80°	156.7	141.3	126.5	111.4	92.4	74.5	61.6	50.7	43.1	35.9	29.3
-82.5°	98.7	90.5	83.1	75.5	64.5	54.5	45.8	38.3	32.5	27.1	23.8
-85°	58.6	54.2	49.9	45.6	39.5	34.1	31.5	29.2	26.7	24.1	21.6
-87.5°	33.1	32.6	32.1	31.5	29.9	28.5	27.2	26.0	23.8	21.6	19.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	15.2	13.3	11.4	9.5	7.6	7.6	7.6
87.5°	5.6	6.4	6.9	7.4	7.6	7.6	7.6
85°	3.7	5.2	6.3	7.1	7.6	7.6	7.6
82.5°	1.8	4.0	5.7	6.9	7.6	7.6	7.6
80°	0.4	2.8	5.1	6.7	7.6	7.6	7.6
77.5°	2.3	2.5	4.5	6.5	7.6	7.6	7.6
75°	4.2	3.7	4.2	6.3	7.6	7.6	7.6
72.5°	6.1	4.9	4.8	6.1	7.6	7.6	7.6
70°	7.6	6.0	5.5	6.1	7.6	7.6	7.6
67.5°	7.8	7.1	6.1	6.3	7.6	7.6	7.6
65°	8.1	7.9	6.6	6.6	7.6	7.6	7.6
62.5°	8.5	8.5	7.1	6.8	7.6	7.6	7.6
60°	9.0	9.1	7.6	7.0	7.6	7.6	7.6
57.5°	10.8	9.8	8.3	7.2	7.7	7.6	7.6
55°	12.7	10.6	9.1	7.4	7.8	7.6	7.6
52.5°	14.6	11.6	9.9	7.5	7.9	7.6	7.6
50°	16.5	13.2	10.7	7.6	8.1	7.6	7.6
47.5°	18.3	14.7	11.6	7.8	8.3	7.6	7.6
45°	20.1	16.2	12.5	8.5	8.5	7.6	7.6
42.5°	21.8	17.6	13.5	9.2	8.8	7.6	7.6
40°	23.5	19.0	14.5	10.1	9.0	7.6	7.6
37.5°	25.2	20.4	15.6	11.1	9.3	7.6	7.6
35°	26.8	21.7	16.7	12.1	9.7	7.6	7.6
32.5°	28.5	23.0	17.7	13.1	10.0	7.6	7.6
30°	30.8	24.2	18.7	14.0	10.4	7.6	7.6
27.5°	33.1	25.4	19.9	14.9	10.8	7.6	7.6
25°	35.3	26.5	21.0	15.8	11.2	7.6	7.6
22.5°	37.5	27.7	22.2	16.7	11.6	7.6	7.6
20°	39.7	29.1	23.3	17.5	12.0	7.6	7.6
17.5°	41.9	30.4	24.4	18.3	12.4	7.6	7.6
15°	44.0	31.7	25.4	19.1	12.8	7.6	7.6
12.5°	45.9	32.9	26.4	19.8	13.3	7.6	7.6
10°	47.7	34.1	27.3	20.5	13.7	7.6	7.6
7.5°	49.4	35.2	28.1	21.1	14.1	7.6	7.6
5°	50.8	36.2	28.9	21.7	14.5	7.6	7.6
2.5°	52.1	37.1	29.7	22.3	14.9	7.6	7.6
0°	53.2	38.0	30.4	22.8	15.2	7.6	7.6
-2.5°	56.1	38.8	31.0	22.8	15.2	7.6	7.6
-5°	58.8	39.5	31.6	22.7	15.1	7.6	7.6
-7.5°	61.2	40.2	32.1	22.6	15.1	7.6	7.6
-10°	63.1	40.8	32.4	22.5	15.0	7.6	7.6
-12.5°	64.6	41.3	32.7	22.3	14.8	7.6	7.6
-15°	65.5	41.7	32.8	22.0	14.7	7.6	7.6
-17.5°	65.9	42.0	32.7	21.7	14.5	7.6	7.6
-20°	67.6	42.3	32.5	21.4	14.3	7.6	7.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627880 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.9	42.4	32.1	21.1	14.0	7.6	7.6
-25°	75.5	45.2	31.6	20.7	13.8	7.6	7.6
-27.5°	78.2	48.8	30.8	20.2	13.5	7.6	7.6
-30°	80.1	51.8	30.0	19.7	13.2	7.6	7.6
-32.5°	81.2	54.3	31.1	19.2	12.8	7.6	7.6
-35°	83.4	56.3	31.9	18.7	12.4	7.6	7.6
-37.5°	85.6	57.5	32.5	18.1	12.1	7.6	7.6
-40°	86.9	58.0	32.7	17.4	11.6	7.6	7.6
-42.5°	87.4	58.0	32.9	17.1	11.2	7.6	7.6
-45°	86.9	57.6	33.1	17.2	10.7	7.6	7.6
-47.5°	85.6	56.7	32.9	17.1	10.3	7.6	7.6
-50°	83.8	55.4	32.3	16.9	9.8	7.6	7.6
-52.5°	81.5	53.6	31.3	16.5	9.2	7.6	7.6
-55°	78.6	51.4	30.0	16.1	8.7	7.6	7.6
-57.5°	75.1	48.7	28.3	15.5	8.2	7.6	7.6
-60°	70.9	45.4	26.3	14.8	7.6	7.6	7.6
-62.5°	65.2	41.5	24.9	14.0	7.6	7.6	7.6
-65°	58.8	37.2	23.2	13.1	7.6	7.6	7.6
-67.5°	51.7	33.4	21.4	12.1	7.6	7.6	7.6
-70°	44.1	30.4	19.5	11.0	7.6	7.6	7.6
-72.5°	38.9	27.1	17.4	10.7	7.6	7.6	7.6
-75°	33.9	23.6	15.1	10.6	7.6	7.6	7.6
-77.5°	28.6	19.9	14.3	10.5	7.6	7.6	7.6
-80°	23.2	18.0	13.8	10.4	7.6	7.6	7.6
-82.5°	20.9	16.9	13.3	10.2	7.6	7.6	7.6
-85°	19.1	15.7	12.7	10.0	7.6	7.6	7.6
-87.5°	17.2	14.5	12.1	9.7	7.6	7.6	7.6
-90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6

(END OF REPORT)