

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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-730-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N68
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

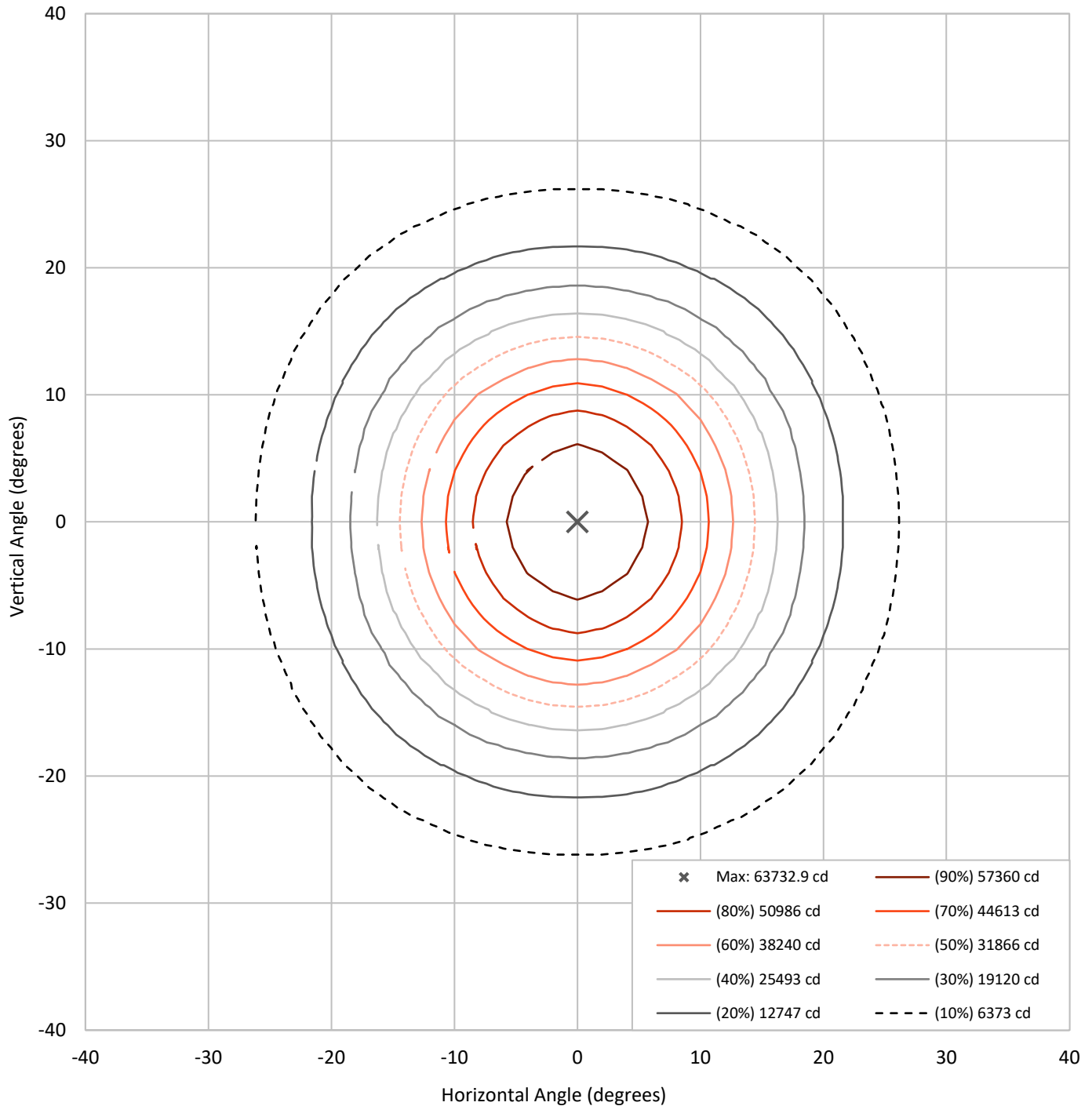
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19912.3 lumens	Max Intensity:	63732.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	9681.1 lumens	Field Lumens:	16337.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	160.2		
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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

Iso-Candela Plot





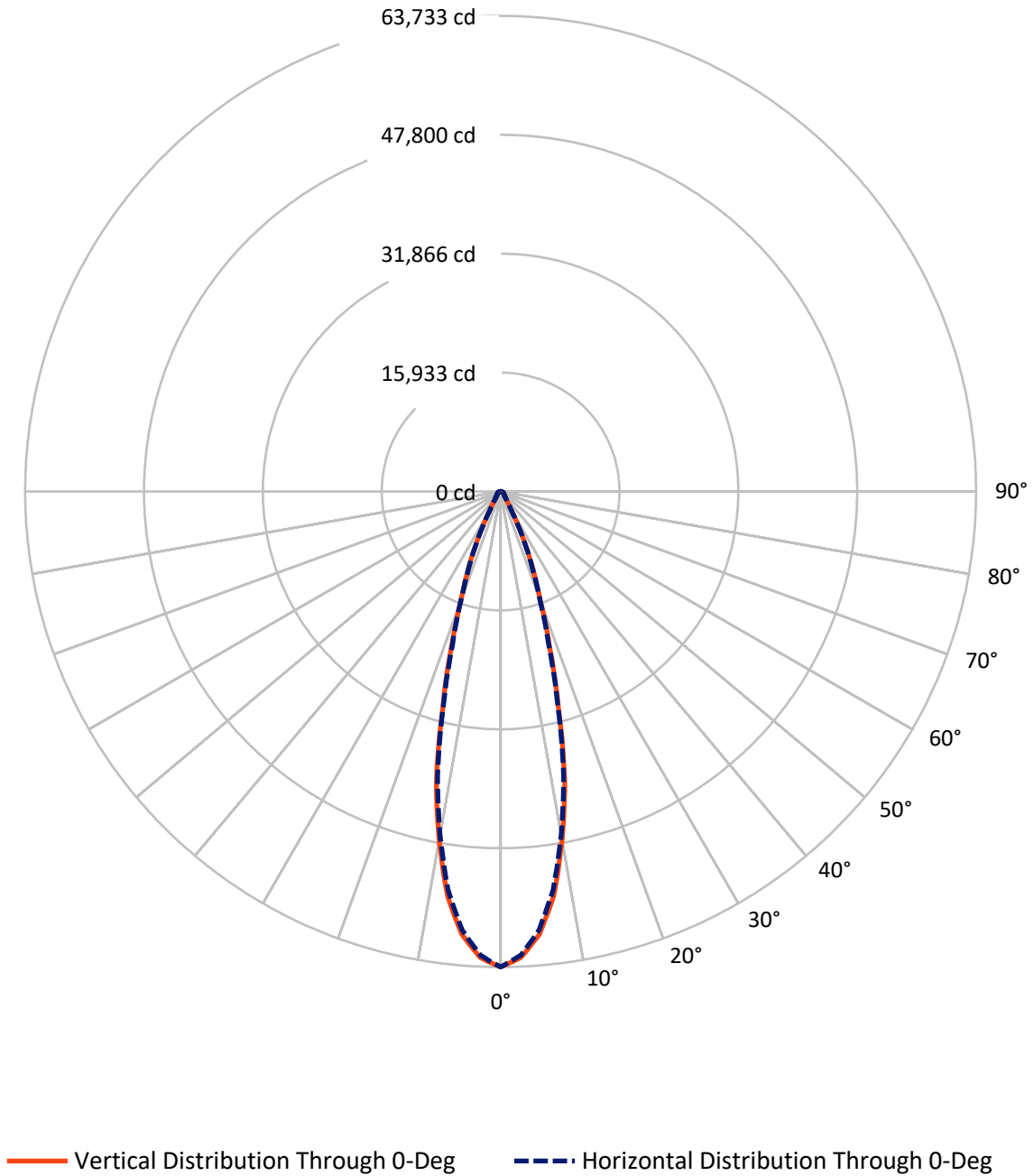
REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

Lumen Table

90																			
80	0.4	3.3		8.6		13.7		15.2		13.7		8.6		3.3		0.4			
70																			
60	1.5	1.7	3.4	5.6	7.9	9.6	10.8	11.3	11.3	10.8	9.6	7.9	5.6	3.4	1.7	1.5			
50		2.6	5.1	8.3	11.1	13.7	15.4	15.9	15.9	15.4	13.7	11.1	8.3	5.1	2.6				
40	2.6	3.3	6.6	10.2	13.6	17.3	20.3	21.8	21.8	20.3	17.3	13.6	10.2	6.6	3.3	2.6			
30		3.8	7.7	11.8	16.7	23.8	34.5	44.8	44.8	34.5	23.8	16.7	11.8	7.7	3.8				
20	3.4	4.3	8.5	13.3	21.4	46.6	131.1	232.4	232.4	131.1	46.6	21.4	13.3	8.5	4.3	3.4			
10		4.6	8.9	14.5	29.2	122.2	435.6	834.7	834.7	435.6	122.2	29.2	14.5	8.9	4.6				
0	3.6	4.8	9.0	15.2	37.1	211.0	806.2	1585.8	1585.8	806.2	211.0	37.1	15.2	9.0	4.8	3.6			
-10		4.8	9.0	15.2	37.1	211.0	806.2	1585.8	1585.8	806.2	211.0	37.1	15.2	9.0	4.8				
-20	3.4	4.6	8.9	14.5	29.2	122.2	435.6	834.7	834.7	435.6	122.2	29.2	14.5	8.9	4.6	3.4			
-30		4.3	8.5	13.3	21.4	46.6	131.1	232.4	232.4	131.1	46.6	21.4	13.3	8.5	4.3				
-40	2.6	3.8	7.7	11.8	16.7	23.8	34.5	44.8	44.8	34.5	23.8	16.7	11.8	7.7	3.8	2.6			
-50		3.3	6.6	10.2	13.6	17.3	20.3	21.8	21.8	20.3	17.3	13.6	10.2	6.6	3.3				
-60	1.5	2.6	5.1	8.3	11.1	13.7	15.4	15.9	15.9	15.4	13.7	11.1	8.3	5.1	2.6	1.5			
-70		1.7	3.4	5.6	7.9	9.6	10.8	11.3	11.3	10.8	9.6	7.9	5.6	3.4	1.7				
-80																			
-90	0.4	3.3		8.6		13.7		15.2		13.7		8.6		3.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

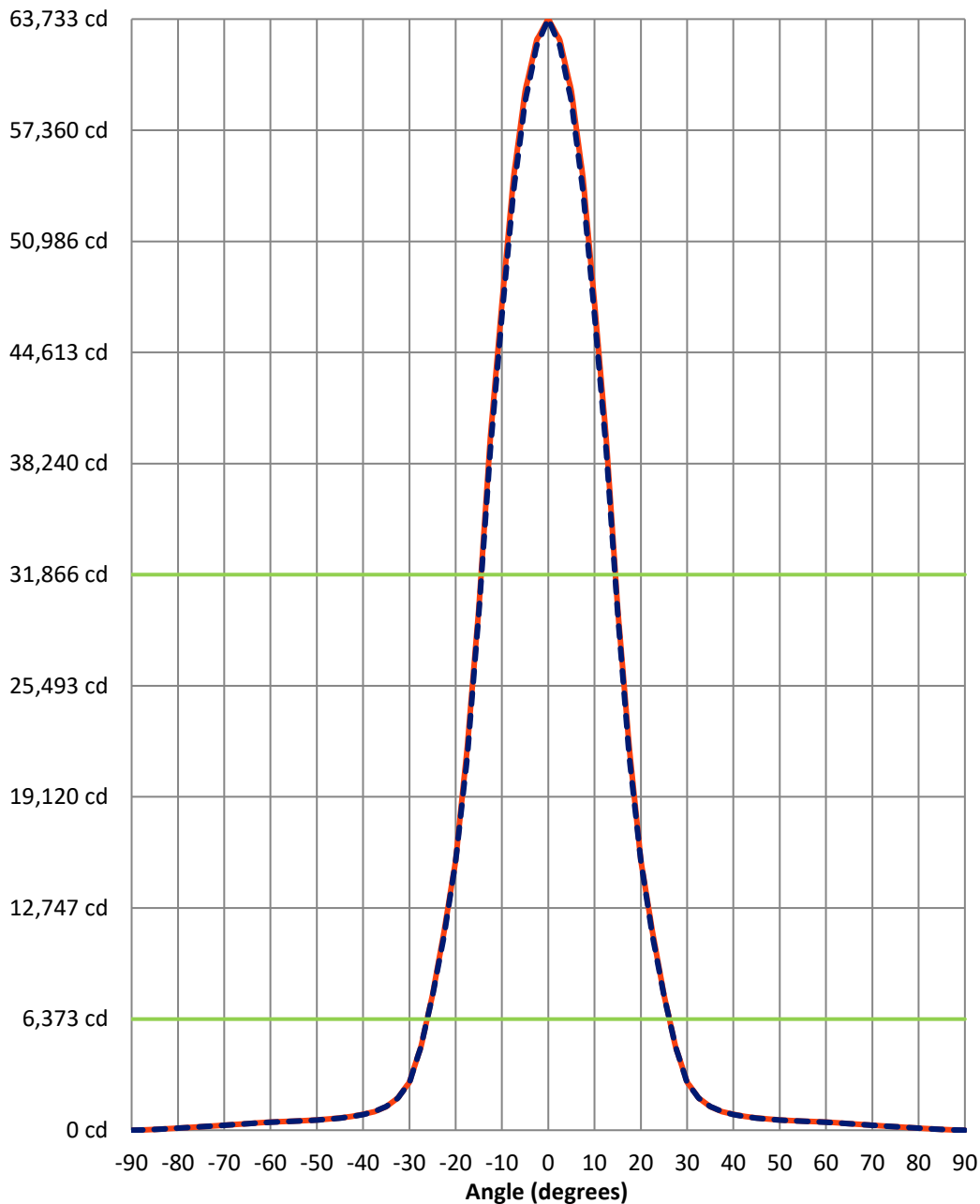
REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 9681.1
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 16337.8
Efficiency: 82.0%

Spill:
Lumens: 3574.6
Efficiency: 18.0%

- 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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-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	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	6.9
85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.5	13.8
82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	17.1	21.0	25.0
80°	0.0	2.8	5.7	8.5	11.3	14.1	17.3	22.2	27.5	32.9	38.7
77.5°	0.0	3.5	7.1	10.6	14.1	18.5	24.5	30.9	37.7	44.7	52.5
75°	0.0	4.2	8.5	12.7	17.3	24.5	31.7	39.5	47.9	57.9	67.6
72.5°	0.0	4.9	9.9	14.8	22.0	30.5	38.9	48.5	60.0	71.4	82.6
70°	0.0	5.6	11.2	17.1	26.8	36.4	46.2	58.9	71.9	84.7	98.6
67.5°	0.0	6.3	12.5	20.6	31.4	42.2	55.1	69.2	83.6	99.3	114.8
65°	0.0	6.9	13.8	24.0	35.9	48.7	63.8	79.3	96.4	113.7	131.0
62.5°	0.0	7.6	15.1	27.3	40.4	55.8	72.4	89.9	108.9	127.9	147.8
60°	0.0	8.2	16.4	30.6	44.8	62.9	80.9	100.7	121.2	142.3	164.1
57.5°	0.0	8.8	18.5	33.8	50.2	69.7	89.7	111.2	133.4	156.3	180.2
55°	0.0	9.4	20.6	36.9	55.5	76.4	98.3	121.4	145.2	169.9	196.0
52.5°	0.0	10.0	22.6	39.9	60.7	82.9	106.6	131.3	156.5	183.7	211.3
50°	0.0	10.5	24.5	42.9	65.7	89.5	114.6	140.8	167.7	197.1	225.5
47.5°	0.0	11.1	26.4	45.9	70.6	95.8	122.3	150.1	179.1	209.9	238.9
45°	0.0	11.6	28.2	49.4	75.2	101.8	129.9	158.9	190.1	221.3	251.6
42.5°	0.0	12.1	29.9	52.7	79.7	107.5	137.1	167.8	200.6	232.0	263.3
40°	0.0	12.6	31.6	55.8	84.0	112.9	144.0	176.4	210.2	242.0	274.4
37.5°	0.0	13.0	33.2	58.8	88.0	118.0	150.6	184.5	218.7	251.7	284.8
35°	0.0	13.4	34.6	61.5	91.9	123.0	156.8	192.0	226.8	260.8	294.6
32.5°	0.0	13.8	36.0	64.0	95.4	127.8	162.6	198.9	234.3	269.3	304.2
30°	0.0	14.2	37.3	66.3	98.7	132.3	168.2	205.3	241.3	277.2	313.0
27.5°	0.0	14.5	38.5	68.4	101.7	136.4	173.3	210.8	247.7	284.5	321.1
25°	0.0	14.9	39.6	70.3	104.5	140.2	177.8	215.9	253.6	291.1	328.6
22.5°	0.0	15.2	40.6	72.0	107.0	143.6	181.9	220.5	258.8	297.1	336.1
20°	0.0	15.4	41.5	73.5	109.3	146.6	185.5	224.6	263.5	302.4	342.7
17.5°	0.0	15.6	42.3	74.7	111.4	149.2	188.8	228.1	267.6	307.0	348.5
15°	0.0	15.8	43.0	75.8	113.3	151.3	191.8	231.3	271.0	310.9	353.4
12.5°	0.0	16.0	43.6	76.6	114.9	153.0	194.3	234.4	274.2	314.1	357.5
10°	0.0	16.2	44.1	77.2	116.2	154.3	196.5	236.9	277.1	317.9	361.2
7.5°	0.0	16.3	44.5	77.6	117.2	155.2	198.2	238.9	279.4	321.3	365.3
5°	0.0	16.3	44.8	77.9	118.0	155.7	199.5	240.3	281.0	324.0	368.6
2.5°	0.0	16.4	44.9	77.9	118.4	155.8	200.2	241.1	282.0	326.1	370.9
0°	0.0	16.4	45.0	77.7	118.6	155.5	200.5	241.4	282.3	327.3	372.3
-2.5°	0.0	16.4	44.9	77.9	118.4	155.8	200.2	241.1	282.0	326.1	370.9
-5°	0.0	16.3	44.8	77.9	118.0	155.7	199.5	240.3	281.0	324.0	368.6
-7.5°	0.0	16.3	44.5	77.6	117.2	155.2	198.2	238.9	279.4	321.3	365.3
-10°	0.0	16.2	44.1	77.2	116.2	154.3	196.5	236.9	277.1	317.9	361.2
-12.5°	0.0	16.0	43.6	76.6	114.9	153.0	194.3	234.4	274.2	314.1	357.5
-15°	0.0	15.8	43.0	75.8	113.3	151.3	191.8	231.3	271.0	310.9	353.4
-17.5°	0.0	15.6	42.3	74.7	111.4	149.2	188.8	228.1	267.6	307.0	348.5
-20°	0.0	15.4	41.5	73.5	109.3	146.6	185.5	224.6	263.5	302.4	342.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.2	40.6	72.0	107.0	143.6	181.9	220.5	258.8	297.1	336.1
-25°	0.0	14.9	39.6	70.3	104.5	140.2	177.8	215.9	253.6	291.1	328.6
-27.5°	0.0	14.5	38.5	68.4	101.7	136.4	173.3	210.8	247.7	284.5	321.1
-30°	0.0	14.2	37.3	66.3	98.7	132.3	168.2	205.3	241.3	277.2	313.0
-32.5°	0.0	13.8	36.0	64.0	95.4	127.8	162.6	198.9	234.3	269.3	304.2
-35°	0.0	13.4	34.6	61.5	91.9	123.0	156.8	192.0	226.8	260.8	294.6
-37.5°	0.0	13.0	33.2	58.8	88.0	118.0	150.6	184.5	218.7	251.7	284.8
-40°	0.0	12.6	31.6	55.8	84.0	112.9	144.0	176.4	210.2	242.0	274.4
-42.5°	0.0	12.1	29.9	52.7	79.7	107.5	137.1	167.8	200.6	232.0	263.3
-45°	0.0	11.6	28.2	49.4	75.2	101.8	129.9	158.9	190.1	221.3	251.6
-47.5°	0.0	11.1	26.4	45.9	70.6	95.8	122.3	150.1	179.1	209.9	238.9
-50°	0.0	10.5	24.5	42.9	65.7	89.5	114.6	140.8	167.7	197.1	225.5
-52.5°	0.0	10.0	22.6	39.9	60.7	82.9	106.6	131.3	156.5	183.7	211.3
-55°	0.0	9.4	20.6	36.9	55.5	76.4	98.3	121.4	145.2	169.9	196.0
-57.5°	0.0	8.8	18.5	33.8	50.2	69.7	89.7	111.2	133.4	156.3	180.2
-60°	0.0	8.2	16.4	30.6	44.8	62.9	80.9	100.7	121.2	142.3	164.1
-62.5°	0.0	7.6	15.1	27.3	40.4	55.8	72.4	89.9	108.9	127.9	147.8
-65°	0.0	6.9	13.8	24.0	35.9	48.7	63.8	79.3	96.4	113.7	131.0
-67.5°	0.0	6.3	12.5	20.6	31.4	42.2	55.1	69.2	83.6	99.3	114.8
-70°	0.0	5.6	11.2	17.1	26.8	36.4	46.2	58.9	71.9	84.7	98.6
-72.5°	0.0	4.9	9.9	14.8	22.0	30.5	38.9	48.5	60.0	71.4	82.6
-75°	0.0	4.2	8.5	12.7	17.3	24.5	31.7	39.5	47.9	57.9	67.6
-77.5°	0.0	3.5	7.1	10.6	14.1	18.5	24.5	30.9	37.7	44.7	52.5
-80°	0.0	2.8	5.7	8.5	11.3	14.1	17.3	22.2	27.5	32.9	38.7
-82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	17.1	21.0	25.0
-85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.5	13.8
-87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	6.9
-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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	7.6	8.2	8.8	9.4	10.0	10.5	11.1	11.6	12.1	12.6	13.0
85°	15.1	16.4	18.8	21.2	23.5	25.7	27.9	29.9	31.9	33.8	35.6
82.5°	28.9	32.6	36.3	39.9	43.3	46.7	49.9	53.0	55.9	58.8	61.4
80°	43.9	48.9	53.9	58.5	63.1	67.5	71.8	76.0	79.9	84.2	88.6
77.5°	59.7	66.1	71.9	77.2	83.0	89.9	96.7	103.1	109.3	115.2	120.9
75°	76.0	83.3	91.3	99.1	107.4	115.8	123.9	131.7	139.3	147.1	154.9
72.5°	93.2	103.1	112.7	122.1	132.5	142.6	151.9	160.5	170.1	180.7	190.4
70°	111.4	122.9	135.0	147.0	158.8	170.1	181.6	193.3	205.0	216.4	227.3
67.5°	129.7	144.1	158.1	171.8	185.1	198.7	212.4	226.4	240.0	252.9	265.5
65°	149.3	165.3	181.0	196.3	211.1	227.7	243.9	259.6	276.7	292.6	306.4
62.5°	168.2	186.2	203.5	220.8	238.9	257.2	276.0	295.7	316.2	330.9	343.5
60°	186.5	206.8	226.1	245.9	266.0	286.7	308.4	329.4	348.0	364.1	377.4
57.5°	204.3	227.0	248.4	270.0	292.0	315.5	339.3	360.8	378.1	393.6	408.2
55°	221.6	246.7	269.5	292.4	317.4	345.0	369.4	388.8	406.5	419.3	433.3
52.5°	238.0	264.9	288.8	314.5	343.1	371.6	395.9	414.7	429.6	442.9	456.6
50°	253.7	280.8	307.3	336.5	366.7	395.4	419.9	437.2	452.2	466.0	479.2
47.5°	268.0	296.1	326.0	357.2	388.8	417.1	440.7	458.3	473.9	488.1	502.5
45°	281.4	311.7	343.4	377.6	410.0	438.1	459.5	478.4	493.4	509.3	527.4
42.5°	294.3	326.6	361.1	397.5	430.5	456.2	477.0	495.1	512.4	531.6	551.7
40°	306.9	340.5	377.9	416.1	449.8	472.0	492.9	512.1	532.0	553.7	575.7
37.5°	318.7	354.8	393.6	433.5	463.9	487.0	508.6	530.0	552.3	575.7	603.1
35°	329.5	367.9	408.6	447.2	476.4	501.6	524.7	547.9	572.9	601.5	631.7
32.5°	340.0	379.9	422.6	458.8	487.8	514.8	540.1	566.5	595.1	626.5	661.0
30°	350.3	391.6	434.8	470.5	498.0	525.5	555.3	584.6	616.4	651.4	691.9
27.5°	360.4	402.4	445.0	479.8	506.9	534.9	566.9	602.5	637.2	675.5	722.5
25°	369.6	413.6	455.1	487.1	514.5	543.9	577.3	615.2	656.0	701.6	759.1
22.5°	378.3	423.6	464.7	493.4	520.9	551.7	587.7	627.7	672.1	725.0	795.2
20°	386.4	431.5	471.0	499.1	526.1	558.0	596.6	638.9	689.6	753.6	837.6
17.5°	393.5	438.1	475.4	503.8	531.7	564.5	604.3	648.3	705.2	778.8	878.2
15°	399.6	443.5	479.2	507.4	536.4	571.1	612.1	660.0	722.4	803.5	913.3
12.5°	404.6	447.8	482.4	510.1	540.1	576.1	618.8	671.4	739.6	830.5	960.7
10°	408.6	450.8	484.9	511.7	542.7	579.3	624.0	680.2	753.5	853.0	1001.2
7.5°	412.4	453.6	486.6	512.4	544.2	580.9	627.7	686.5	763.7	869.9	1033.5
5°	415.2	456.1	487.7	513.9	545.1	581.6	630.2	690.1	770.1	881.1	1056.3
2.5°	416.8	457.7	487.7	515.1	545.2	581.9	633.1	692.2	777.1	890.5	1069.3
0°	417.3	458.2	486.8	515.5	544.1	580.9	634.1	691.4	781.4	895.9	1071.8
-2.5°	416.8	457.7	487.7	515.1	545.2	581.9	633.1	692.2	777.1	890.5	1069.3
-5°	415.2	456.1	487.7	513.9	545.1	581.6	630.2	690.1	770.1	881.1	1056.3
-7.5°	412.4	453.6	486.6	512.4	544.2	580.9	627.7	686.5	763.7	869.9	1033.5
-10°	408.6	450.8	484.9	511.7	542.7	579.3	624.0	680.2	753.5	853.0	1001.2
-12.5°	404.6	447.8	482.4	510.1	540.1	576.1	618.8	671.4	739.6	830.5	960.7
-15°	399.6	443.5	479.2	507.4	536.4	571.1	612.1	660.0	722.4	803.5	913.3
-17.5°	393.5	438.1	475.4	503.8	531.7	564.5	604.3	648.3	705.2	778.8	878.2
-20°	386.4	431.5	471.0	499.1	526.1	558.0	596.6	638.9	689.6	753.6	837.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	378.3	423.6	464.7	493.4	520.9	551.7	587.7	627.7	672.1	725.0	795.2
-25°	369.6	413.6	455.1	487.1	514.5	543.9	577.3	615.2	656.0	701.6	759.1
-27.5°	360.4	402.4	445.0	479.8	506.9	534.9	566.9	602.5	637.2	675.5	722.5
-30°	350.3	391.6	434.8	470.5	498.0	525.5	555.3	584.6	616.4	651.4	691.9
-32.5°	340.0	379.9	422.6	458.8	487.8	514.8	540.1	566.5	595.1	626.5	661.0
-35°	329.5	367.9	408.6	447.2	476.4	501.6	524.7	547.9	572.9	601.5	631.7
-37.5°	318.7	354.8	393.6	433.5	463.9	487.0	508.6	530.0	552.3	575.7	603.1
-40°	306.9	340.5	377.9	416.1	449.8	472.0	492.9	512.1	532.0	553.7	575.7
-42.5°	294.3	326.6	361.1	397.5	430.5	456.2	477.0	495.1	512.4	531.6	551.7
-45°	281.4	311.7	343.4	377.6	410.0	438.1	459.5	478.4	493.4	509.3	527.4
-47.5°	268.0	296.1	326.0	357.2	388.8	417.1	440.7	458.3	473.9	488.1	502.5
-50°	253.7	280.8	307.3	336.5	366.7	395.4	419.9	437.2	452.2	466.0	479.2
-52.5°	238.0	264.9	288.8	314.5	343.1	371.6	395.9	414.7	429.6	442.9	456.6
-55°	221.6	246.7	269.5	292.4	317.4	345.0	369.4	388.8	406.5	419.3	433.3
-57.5°	204.3	227.0	248.4	270.0	292.0	315.5	339.3	360.8	378.1	393.6	408.2
-60°	186.5	206.8	226.1	245.9	266.0	286.7	308.4	329.4	348.0	364.1	377.4
-62.5°	168.2	186.2	203.5	220.8	238.9	257.2	276.0	295.7	316.2	330.9	343.5
-65°	149.3	165.3	181.0	196.3	211.1	227.7	243.9	259.6	276.7	292.6	306.4
-67.5°	129.7	144.1	158.1	171.8	185.1	198.7	212.4	226.4	240.0	252.9	265.5
-70°	111.4	122.9	135.0	147.0	158.8	170.1	181.6	193.3	205.0	216.4	227.3
-72.5°	93.2	103.1	112.7	122.1	132.5	142.6	151.9	160.5	170.1	180.7	190.4
-75°	76.0	83.3	91.3	99.1	107.4	115.8	123.9	131.7	139.3	147.1	154.9
-77.5°	59.7	66.1	71.9	77.2	83.0	89.9	96.7	103.1	109.3	115.2	120.9
-80°	43.9	48.9	53.9	58.5	63.1	67.5	71.8	76.0	79.9	84.2	88.6
-82.5°	28.9	32.6	36.3	39.9	43.3	46.7	49.9	53.0	55.9	58.8	61.4
-85°	15.1	16.4	18.8	21.2	23.5	25.7	27.9	29.9	31.9	33.8	35.6
-87.5°	7.6	8.2	8.8	9.4	10.0	10.5	11.1	11.6	12.1	12.6	13.0
-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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	13.4	13.8	14.2	14.5	14.9	15.2	15.4	15.6	15.8	16.0	16.2
85°	37.3	38.8	40.3	41.7	43.0	43.3	43.4	43.3	43.1	43.6	44.1
82.5°	64.0	66.9	69.8	72.6	75.4	76.5	77.2	77.7	78.1	79.2	80.1
80°	92.9	97.4	101.6	105.4	108.7	111.1	113.3	115.3	117.1	117.9	118.3
77.5°	126.5	132.0	137.2	141.9	146.3	149.8	152.6	154.9	156.6	157.8	158.5
75°	162.7	169.7	175.8	181.6	186.9	190.6	193.2	195.1	196.3	197.7	198.8
72.5°	199.2	207.1	214.5	221.4	227.5	231.8	234.8	237.2	239.0	240.4	241.1
70°	237.6	247.1	255.2	262.2	267.7	271.8	275.0	277.6	279.6	281.0	281.7
67.5°	277.4	287.6	295.2	301.2	306.2	310.5	314.5	317.5	319.5	321.5	323.5
65°	318.0	328.3	336.1	342.5	347.7	353.3	358.5	362.3	364.9	367.2	369.5
62.5°	356.1	367.8	376.8	385.2	393.7	401.8	406.5	410.1	412.6	414.9	417.6
60°	390.7	404.0	415.0	425.2	435.6	446.1	450.4	453.8	457.0	460.0	462.7
57.5°	421.5	435.5	448.9	459.0	469.0	478.8	485.5	489.3	491.8	493.1	494.3
55°	448.2	462.3	475.6	487.3	498.1	508.2	515.7	519.3	522.0	523.7	524.7
52.5°	472.2	487.2	501.6	514.5	526.2	537.0	546.4	551.3	555.4	558.2	559.1
50°	495.8	512.1	527.5	541.3	554.9	567.9	579.8	586.7	591.6	594.6	595.5
47.5°	520.4	538.0	554.7	570.7	586.2	601.6	615.7	625.1	632.1	637.3	641.0
45°	545.9	564.9	583.4	602.3	620.1	639.9	657.8	671.6	681.7	690.5	697.6
42.5°	571.7	593.0	614.3	638.6	662.9	685.4	706.8	725.0	741.6	757.9	770.5
40°	599.7	623.0	652.2	681.0	710.9	737.2	768.2	796.1	821.6	849.2	872.1
37.5°	630.3	660.3	694.8	729.4	768.3	806.0	849.4	892.1	929.3	977.7	1016.5
35°	663.7	701.7	742.4	788.8	838.9	898.0	958.8	1030.1	1090.7	1167.5	1238.4
32.5°	700.8	745.6	798.4	862.1	929.7	1024.7	1113.8	1234.7	1338.0	1471.3	1617.0
30°	738.6	796.4	868.2	950.6	1065.0	1199.7	1356.9	1561.2	1782.3	2011.0	2318.9
27.5°	783.4	858.4	948.1	1075.3	1246.4	1432.9	1753.0	2098.6	2580.1	2961.3	3640.1
25°	831.6	924.5	1057.0	1241.3	1477.8	1855.3	2395.6	3021.2	3984.6	4841.6	5826.4
22.5°	888.8	1014.9	1190.4	1431.8	1843.9	2493.4	3336.7	4621.5	6049.7	7459.3	8747.7
20°	949.3	1101.6	1347.0	1740.1	2377.1	3316.3	4820.9	6656.7	8552.8	10484.6	12112.5
17.5°	1019.9	1226.8	1550.0	2072.1	2981.0	4588.9	6598.6	8933.0	11410.0	13875.1	16016.3
15°	1080.6	1336.2	1771.5	2553.5	3908.8	5920.0	8390.1	11338.3	14453.3	17652.4	21119.6
12.5°	1158.1	1468.1	1999.6	2951.5	4732.1	7346.1	10368.4	13791.3	17595.1	21842.8	27248.2
10°	1229.1	1606.4	2299.7	3589.2	5721.6	8678.2	12077.3	15960.7	20894.6	27277.8	33798.0
7.5°	1286.0	1716.1	2532.5	4086.8	6551.5	9816.3	13615.9	18272.0	24427.5	32028.4	39478.1
5°	1325.6	1792.1	2699.1	4462.8	7219.1	10686.0	14707.9	19975.8	27405.3	35917.0	43523.6
2.5°	1350.5	1833.7	2780.6	4686.0	7654.5	11209.4	15389.1	21058.7	29230.4	38392.3	46093.8
0°	1362.3	1840.9	2728.7	4794.6	7715.5	11172.4	15451.5	21420.2	29663.5	39064.5	46735.0
-2.5°	1350.5	1833.7	2780.6	4686.0	7654.5	11209.4	15389.1	21058.7	29230.4	38392.3	46093.8
-5°	1325.6	1792.1	2699.1	4462.8	7219.1	10686.0	14707.9	19975.8	27405.3	35917.0	43523.6
-7.5°	1286.0	1716.1	2532.5	4086.8	6551.5	9816.3	13615.9	18272.0	24427.5	32028.4	39478.1
-10°	1229.1	1606.4	2299.7	3589.2	5721.6	8678.2	12077.3	15960.7	20894.6	27277.8	33798.0
-12.5°	1158.1	1468.1	1999.6	2951.5	4732.1	7346.1	10368.4	13791.3	17595.1	21842.8	27248.2
-15°	1080.6	1336.2	1771.5	2553.5	3908.8	5920.0	8390.1	11338.3	14453.3	17652.4	21119.6
-17.5°	1019.9	1226.8	1550.0	2072.1	2981.0	4588.9	6598.6	8933.0	11410.0	13875.1	16016.3
-20°	949.3	1101.6	1347.0	1740.1	2377.1	3316.3	4820.9	6656.7	8552.8	10484.6	12112.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	888.8	1014.9	1190.4	1431.8	1843.9	2493.4	3336.7	4621.5	6049.7	7459.3	8747.7
-25°	831.6	924.5	1057.0	1241.3	1477.8	1855.3	2395.6	3021.2	3984.6	4841.6	5826.4
-27.5°	783.4	858.4	948.1	1075.3	1246.4	1432.9	1753.0	2098.6	2580.1	2961.3	3640.1
-30°	738.6	796.4	868.2	950.6	1065.0	1199.7	1356.9	1561.2	1782.3	2011.0	2318.9
-32.5°	700.8	745.6	798.4	862.1	929.7	1024.7	1113.8	1234.7	1338.0	1471.3	1617.0
-35°	663.7	701.7	742.4	788.8	838.9	898.0	958.8	1030.1	1090.7	1167.5	1238.4
-37.5°	630.3	660.3	694.8	729.4	768.3	806.0	849.4	892.1	929.3	977.7	1016.5
-40°	599.7	623.0	652.2	681.0	710.9	737.2	768.2	796.1	821.6	849.2	872.1
-42.5°	571.7	593.0	614.3	638.6	662.9	685.4	706.8	725.0	741.6	757.9	770.5
-45°	545.9	564.9	583.4	602.3	620.1	639.9	657.8	671.6	681.7	690.5	697.6
-47.5°	520.4	538.0	554.7	570.7	586.2	601.6	615.7	625.1	632.1	637.3	641.0
-50°	495.8	512.1	527.5	541.3	554.9	567.9	579.8	586.7	591.6	594.6	595.5
-52.5°	472.2	487.2	501.6	514.5	526.2	537.0	546.4	551.3	555.4	558.2	559.1
-55°	448.2	462.3	475.6	487.3	498.1	508.2	515.7	519.3	522.0	523.7	524.7
-57.5°	421.5	435.5	448.9	459.0	469.0	478.8	485.5	489.3	491.8	493.1	494.3
-60°	390.7	404.0	415.0	425.2	435.6	446.1	450.4	453.8	457.0	460.0	462.7
-62.5°	356.1	367.8	376.8	385.2	393.7	401.8	406.5	410.1	412.6	414.9	417.6
-65°	318.0	328.3	336.1	342.5	347.7	353.3	358.5	362.3	364.9	367.2	369.5
-67.5°	277.4	287.6	295.2	301.2	306.2	310.5	314.5	317.5	319.5	321.5	323.5
-70°	237.6	247.1	255.2	262.2	267.7	271.8	275.0	277.6	279.6	281.0	281.7
-72.5°	199.2	207.1	214.5	221.4	227.5	231.8	234.8	237.2	239.0	240.4	241.1
-75°	162.7	169.7	175.8	181.6	186.9	190.6	193.2	195.1	196.3	197.7	198.8
-77.5°	126.5	132.0	137.2	141.9	146.3	149.8	152.6	154.9	156.6	157.8	158.5
-80°	92.9	97.4	101.6	105.4	108.7	111.1	113.3	115.3	117.1	117.9	118.3
-82.5°	64.0	66.9	69.8	72.6	75.4	76.5	77.2	77.7	78.1	79.2	80.1
-85°	37.3	38.8	40.3	41.7	43.0	43.3	43.4	43.3	43.1	43.6	44.1
-87.5°	13.4	13.8	14.2	14.5	14.9	15.2	15.4	15.6	15.8	16.0	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.6
85°	44.5	44.8	44.9	45.0	44.9	44.8	44.5	44.1	43.6	43.1	43.3
82.5°	80.9	81.4	81.7	81.8	81.7	81.4	80.9	80.1	79.2	78.1	77.7
80°	118.4	118.1	118.5	118.6	118.5	118.1	118.4	118.3	117.9	117.1	115.3
77.5°	158.8	158.8	159.3	159.5	159.3	158.8	158.8	158.5	157.8	156.6	154.9
75°	199.5	199.6	200.3	200.5	200.3	199.6	199.5	198.8	197.7	196.3	195.1
72.5°	241.1	240.5	241.1	241.4	241.1	240.5	241.1	241.1	240.4	239.0	237.2
70°	281.8	281.3	283.9	286.4	283.9	281.3	281.8	281.7	281.0	279.6	277.6
67.5°	325.0	325.8	328.8	331.4	328.8	325.8	325.0	323.5	321.5	319.5	317.5
65°	370.7	370.9	373.7	376.4	373.7	370.9	370.7	369.5	367.2	364.9	362.3
62.5°	419.2	419.7	422.6	425.5	422.6	419.7	419.2	417.6	414.9	412.6	410.1
60°	464.3	464.8	465.9	466.4	465.9	464.8	464.3	462.7	460.0	457.0	453.8
57.5°	494.6	494.2	494.6	495.0	494.6	494.2	494.6	494.3	493.1	491.8	489.3
55°	524.5	523.2	521.6	519.6	521.6	523.2	524.5	524.7	523.7	522.0	519.3
52.5°	558.4	556.3	554.3	552.3	554.3	556.3	558.4	559.1	558.2	555.4	551.3
50°	594.9	593.0	591.1	589.1	591.1	593.0	594.9	595.5	594.6	591.6	586.7
47.5°	643.5	644.4	644.0	642.3	644.0	644.4	643.5	641.0	637.3	632.1	625.1
45°	702.5	704.9	705.2	703.6	705.2	704.9	702.5	697.6	690.5	681.7	671.6
42.5°	779.5	784.7	787.6	789.6	787.6	784.7	779.5	770.5	757.9	741.6	725.0
40°	888.7	899.3	906.0	912.3	906.0	899.3	888.7	872.1	849.2	821.6	796.1
37.5°	1045.3	1064.4	1073.0	1067.7	1073.0	1064.4	1045.3	1016.5	977.7	929.3	892.1
35°	1293.1	1329.5	1348.5	1350.6	1348.5	1329.5	1293.1	1238.4	1167.5	1090.7	1030.1
32.5°	1724.6	1799.2	1839.4	1845.0	1839.4	1799.2	1724.6	1617.0	1471.3	1338.0	1234.7
30°	2554.6	2706.9	2778.4	2761.4	2778.4	2706.9	2554.6	2318.9	2011.0	1782.3	1561.2
27.5°	4167.8	4547.6	4772.6	4790.5	4772.6	4547.6	4167.8	3640.1	2961.3	2580.1	2098.6
25°	6698.7	7346.9	7762.0	7768.7	7762.0	7346.9	6698.7	5826.4	4841.6	3984.6	3021.2
22.5°	9939.0	10823.8	11308.6	11393.3	11308.6	10823.8	9939.0	8747.7	7459.3	6049.7	4621.5
20°	13693.0	14870.1	15499.9	15500.6	15499.9	14870.1	13693.0	12112.5	10484.6	8552.8	6656.7
17.5°	18316.3	20227.6	21427.4	21943.9	21427.4	20227.6	18316.3	16016.3	13875.1	11410.0	8933.0
15°	24458.3	27670.2	29594.8	29941.7	29594.8	27670.2	24458.3	21119.6	17652.4	14453.3	11338.3
12.5°	31936.9	36001.6	38734.0	39735.4	38734.0	36001.6	31936.9	27248.2	21842.8	17595.1	13791.3
10°	39745.2	43511.4	46438.7	47422.3	46438.7	43511.4	39745.2	33798.0	27277.8	20894.6	15960.7
7.5°	45386.2	49877.2	53174.4	54622.4	53174.4	49877.2	45386.2	39478.1	32028.4	24427.5	18272.0
5°	49839.1	55153.1	58222.5	59584.7	58222.5	55153.1	49839.1	43523.6	35917.0	27405.3	19975.8
2.5°	52760.7	58011.5	61261.8	62517.9	61261.8	58011.5	52760.7	46093.8	38392.3	29230.4	21058.7
0°	53853.3	58987.4	62198.8	63732.9	62198.8	58987.4	53853.3	46735.0	39064.5	29663.5	21420.2
-2.5°	52760.7	58011.5	61261.8	62517.9	61261.8	58011.5	52760.7	46093.8	38392.3	29230.4	21058.7
-5°	49839.1	55153.1	58222.5	59584.7	58222.5	55153.1	49839.1	43523.6	35917.0	27405.3	19975.8
-7.5°	45386.2	49877.2	53174.4	54622.4	53174.4	49877.2	45386.2	39478.1	32028.4	24427.5	18272.0
-10°	39745.2	43511.4	46438.7	47422.3	46438.7	43511.4	39745.2	33798.0	27277.8	20894.6	15960.7
-12.5°	31936.9	36001.6	38734.0	39735.4	38734.0	36001.6	31936.9	27248.2	21842.8	17595.1	13791.3
-15°	24458.3	27670.2	29594.8	29941.7	29594.8	27670.2	24458.3	21119.6	17652.4	14453.3	11338.3
-17.5°	18316.3	20227.6	21427.4	21943.9	21427.4	20227.6	18316.3	16016.3	13875.1	11410.0	8933.0
-20°	13693.0	14870.1	15499.9	15500.6	15499.9	14870.1	13693.0	12112.5	10484.6	8552.8	6656.7



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9939.0	10823.8	11308.6	11393.3	11308.6	10823.8	9939.0	8747.7	7459.3	6049.7	4621.5
-25°	6698.7	7346.9	7762.0	7768.7	7762.0	7346.9	6698.7	5826.4	4841.6	3984.6	3021.2
-27.5°	4167.8	4547.6	4772.6	4790.5	4772.6	4547.6	4167.8	3640.1	2961.3	2580.1	2098.6
-30°	2554.6	2706.9	2778.4	2761.4	2778.4	2706.9	2554.6	2318.9	2011.0	1782.3	1561.2
-32.5°	1724.6	1799.2	1839.4	1845.0	1839.4	1799.2	1724.6	1617.0	1471.3	1338.0	1234.7
-35°	1293.1	1329.5	1348.5	1350.0	1348.5	1329.5	1293.1	1238.4	1167.5	1090.7	1030.1
-37.5°	1045.3	1064.4	1073.0	1067.7	1073.0	1064.4	1045.3	1016.5	977.7	929.3	892.1
-40°	888.7	899.3	906.0	912.3	906.0	899.3	888.7	872.1	849.2	821.6	796.1
-42.5°	779.5	784.7	787.6	789.6	787.6	784.7	779.5	770.5	757.9	741.6	725.0
-45°	702.5	704.9	705.2	703.6	705.2	704.9	702.5	697.6	690.5	681.7	671.6
-47.5°	643.5	644.4	644.0	642.3	644.0	644.4	643.5	641.0	637.3	632.1	625.1
-50°	594.9	593.0	591.1	589.1	591.1	593.0	594.9	595.5	594.6	591.6	586.7
-52.5°	558.4	556.3	554.3	552.3	554.3	556.3	558.4	559.1	558.2	555.4	551.3
-55°	524.5	523.2	521.6	519.6	521.6	523.2	524.5	524.7	523.7	522.0	519.3
-57.5°	494.6	494.2	494.6	495.0	494.6	494.2	494.6	494.3	493.1	491.8	489.3
-60°	464.3	464.8	465.9	466.4	465.9	464.8	464.3	462.7	460.0	457.0	453.8
-62.5°	419.2	419.7	422.6	425.5	422.6	419.7	419.2	417.6	414.9	412.6	410.1
-65°	370.7	370.9	373.7	376.4	373.7	370.9	370.7	369.5	367.2	364.9	362.3
-67.5°	325.0	325.8	328.8	331.4	328.8	325.8	325.0	323.5	321.5	319.5	317.5
-70°	281.8	281.3	283.9	286.4	283.9	281.3	281.8	281.7	281.0	279.6	277.6
-72.5°	241.1	240.5	241.1	241.4	241.1	240.5	241.1	241.1	240.4	239.0	237.2
-75°	199.5	199.6	200.3	200.5	200.3	199.6	199.5	198.8	197.7	196.3	195.1
-77.5°	158.8	158.8	159.3	159.5	159.3	158.8	158.8	158.5	157.8	156.6	154.9
-80°	118.4	118.1	118.5	118.6	118.5	118.1	118.4	118.3	117.9	117.1	115.3
-82.5°	80.9	81.4	81.7	81.8	81.7	81.4	80.9	80.1	79.2	78.1	77.7
-85°	44.5	44.8	44.9	45.0	44.9	44.8	44.5	44.1	43.6	43.1	43.3
-87.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.6
-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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	15.4	15.2	14.9	14.5	14.2	13.8	13.4	13.0	12.6	12.1	11.6
85°	43.4	43.3	43.0	41.7	40.3	38.8	37.3	35.6	33.8	31.9	29.9
82.5°	77.2	76.5	75.4	72.6	69.8	66.9	64.0	61.4	58.8	55.9	53.0
80°	113.3	111.1	108.7	105.4	101.6	97.4	92.9	88.6	84.2	79.9	76.0
77.5°	152.6	149.8	146.3	141.9	137.2	132.0	126.5	120.9	115.2	109.3	103.1
75°	193.2	190.6	186.9	181.6	175.8	169.7	162.7	154.9	147.1	139.3	131.7
72.5°	234.8	231.8	227.5	221.4	214.5	207.1	199.2	190.4	180.7	170.1	160.5
70°	275.0	271.8	267.7	262.2	255.2	247.1	237.6	227.3	216.4	205.0	193.3
67.5°	314.5	310.5	306.2	301.2	295.2	287.6	277.4	265.5	252.9	240.0	226.4
65°	358.5	353.3	347.7	342.5	336.1	328.3	318.0	306.4	292.6	276.7	259.6
62.5°	406.5	401.8	393.7	385.2	376.8	367.8	356.1	343.5	330.9	316.2	295.7
60°	450.4	446.1	435.6	425.2	415.0	404.0	390.7	377.4	364.1	348.0	329.4
57.5°	485.5	478.8	469.0	459.0	448.9	435.5	421.5	408.2	393.6	378.1	360.8
55°	515.7	508.2	498.1	487.3	475.6	462.3	448.2	433.3	419.3	406.5	388.8
52.5°	546.4	537.0	526.2	514.5	501.6	487.2	472.2	456.6	442.9	429.6	414.7
50°	579.8	567.9	554.9	541.3	527.5	512.1	495.8	479.2	466.0	452.2	437.2
47.5°	615.7	601.6	586.2	570.7	554.7	538.0	520.4	502.5	488.1	473.9	458.3
45°	657.8	639.9	620.1	602.3	583.4	564.9	545.9	527.4	509.3	493.4	478.4
42.5°	706.8	685.4	662.9	638.6	614.3	593.0	571.7	551.7	531.6	512.4	495.1
40°	768.2	737.2	710.9	681.0	652.2	623.0	599.7	575.7	553.7	532.0	512.1
37.5°	849.4	806.0	768.3	729.4	694.8	660.3	630.3	603.1	575.7	552.3	530.0
35°	958.8	898.0	838.9	788.8	742.4	701.7	663.7	631.7	601.5	572.9	547.9
32.5°	1113.8	1024.7	929.7	862.1	798.4	745.6	700.8	661.0	626.5	595.1	566.5
30°	1356.9	1199.7	1065.0	950.6	868.2	796.4	738.6	691.9	651.4	616.4	584.6
27.5°	1753.0	1432.9	1246.4	1075.3	948.1	858.4	783.4	722.5	675.5	637.2	602.5
25°	2395.6	1855.3	1477.8	1241.3	1057.0	924.5	831.6	759.1	701.6	656.0	615.2
22.5°	3336.7	2493.4	1843.9	1431.8	1190.4	1014.9	888.8	795.2	725.0	672.1	627.7
20°	4820.9	3316.3	2377.1	1740.1	1347.0	1101.6	949.3	837.6	753.6	689.6	638.9
17.5°	6598.6	4588.9	2981.0	2072.1	1550.0	1226.8	1019.9	878.2	778.8	705.2	648.3
15°	8390.1	5920.0	3908.8	2553.5	1771.5	1336.2	1080.6	913.3	803.5	722.4	660.0
12.5°	10368.4	7346.1	4732.1	2951.5	1999.6	1468.1	1158.1	960.7	830.5	739.6	671.4
10°	12077.3	8678.2	5721.6	3589.2	2299.7	1606.4	1229.1	1001.2	853.0	753.5	680.2
7.5°	13615.9	9816.3	6551.5	4086.8	2532.5	1716.1	1286.0	1033.5	869.9	763.7	686.5
5°	14707.9	10686.0	7219.1	4462.8	2699.1	1792.1	1325.6	1056.3	881.1	770.1	690.1
2.5°	15389.1	11209.4	7654.5	4686.0	2780.6	1833.7	1350.5	1069.3	890.5	777.1	692.2
0°	15451.5	11172.4	7715.5	4794.6	2728.7	1840.9	1362.3	1071.8	895.9	781.4	691.4
-2.5°	15389.1	11209.4	7654.5	4686.0	2780.6	1833.7	1350.5	1069.3	890.5	777.1	692.2
-5°	14707.9	10686.0	7219.1	4462.8	2699.1	1792.1	1325.6	1056.3	881.1	770.1	690.1
-7.5°	13615.9	9816.3	6551.5	4086.8	2532.5	1716.1	1286.0	1033.5	869.9	763.7	686.5
-10°	12077.3	8678.2	5721.6	3589.2	2299.7	1606.4	1229.1	1001.2	853.0	753.5	680.2
-12.5°	10368.4	7346.1	4732.1	2951.5	1999.6	1468.1	1158.1	960.7	830.5	739.6	671.4
-15°	8390.1	5920.0	3908.8	2553.5	1771.5	1336.2	1080.6	913.3	803.5	722.4	660.0
-17.5°	6598.6	4588.9	2981.0	2072.1	1550.0	1226.8	1019.9	878.2	778.8	705.2	648.3
-20°	4820.9	3316.3	2377.1	1740.1	1347.0	1101.6	949.3	837.6	753.6	689.6	638.9



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3336.7	2493.4	1843.9	1431.8	1190.4	1014.9	888.8	795.2	725.0	672.1	627.7
-25°	2395.6	1855.3	1477.8	1241.3	1057.0	924.5	831.6	759.1	701.6	656.0	615.2
-27.5°	1753.0	1432.9	1246.4	1075.3	948.1	858.4	783.4	722.5	675.5	637.2	602.5
-30°	1356.9	1199.7	1065.0	950.6	868.2	796.4	738.6	691.9	651.4	616.4	584.6
-32.5°	1113.8	1024.7	929.7	862.1	798.4	745.6	700.8	661.0	626.5	595.1	566.5
-35°	958.8	898.0	838.9	788.8	742.4	701.7	663.7	631.7	601.5	572.9	547.9
-37.5°	849.4	806.0	768.3	729.4	694.8	660.3	630.3	603.1	575.7	552.3	530.0
-40°	768.2	737.2	710.9	681.0	652.2	623.0	599.7	575.7	553.7	532.0	512.1
-42.5°	706.8	685.4	662.9	638.6	614.3	593.0	571.7	551.7	531.6	512.4	495.1
-45°	657.8	639.9	620.1	602.3	583.4	564.9	545.9	527.4	509.3	493.4	478.4
-47.5°	615.7	601.6	586.2	570.7	554.7	538.0	520.4	502.5	488.1	473.9	458.3
-50°	579.8	567.9	554.9	541.3	527.5	512.1	495.8	479.2	466.0	452.2	437.2
-52.5°	546.4	537.0	526.2	514.5	501.6	487.2	472.2	456.6	442.9	429.6	414.7
-55°	515.7	508.2	498.1	487.3	475.6	462.3	448.2	433.3	419.3	406.5	388.8
-57.5°	485.5	478.8	469.0	459.0	448.9	435.5	421.5	408.2	393.6	378.1	360.8
-60°	450.4	446.1	435.6	425.2	415.0	404.0	390.7	377.4	364.1	348.0	329.4
-62.5°	406.5	401.8	393.7	385.2	376.8	367.8	356.1	343.5	330.9	316.2	295.7
-65°	358.5	353.3	347.7	342.5	336.1	328.3	318.0	306.4	292.6	276.7	259.6
-67.5°	314.5	310.5	306.2	301.2	295.2	287.6	277.4	265.5	252.9	240.0	226.4
-70°	275.0	271.8	267.7	262.2	255.2	247.1	237.6	227.3	216.4	205.0	193.3
-72.5°	234.8	231.8	227.5	221.4	214.5	207.1	199.2	190.4	180.7	170.1	160.5
-75°	193.2	190.6	186.9	181.6	175.8	169.7	162.7	154.9	147.1	139.3	131.7
-77.5°	152.6	149.8	146.3	141.9	137.2	132.0	126.5	120.9	115.2	109.3	103.1
-80°	113.3	111.1	108.7	105.4	101.6	97.4	92.9	88.6	84.2	79.9	76.0
-82.5°	77.2	76.5	75.4	72.6	69.8	66.9	64.0	61.4	58.8	55.9	53.0
-85°	43.4	43.3	43.0	41.7	40.3	38.8	37.3	35.6	33.8	31.9	29.9
-87.5°	15.4	15.2	14.9	14.5	14.2	13.8	13.4	13.0	12.6	12.1	11.6
-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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	11.1	10.5	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
85°	27.9	25.7	23.5	21.2	18.8	16.4	15.1	13.8	12.5	11.2	9.9
82.5°	49.9	46.7	43.3	39.9	36.3	32.6	28.9	25.0	21.0	17.1	14.8
80°	71.8	67.5	63.1	58.5	53.9	48.9	43.9	38.7	32.9	27.5	22.2
77.5°	96.7	89.9	83.0	77.2	71.9	66.1	59.7	52.5	44.7	37.7	30.9
75°	123.9	115.8	107.4	99.1	91.3	83.3	76.0	67.6	57.9	47.9	39.5
72.5°	151.9	142.6	132.5	122.1	112.7	103.1	93.2	82.6	71.4	60.0	48.5
70°	181.6	170.1	158.8	147.0	135.0	122.9	111.4	98.6	84.7	71.9	58.9
67.5°	212.4	198.7	185.1	171.8	158.1	144.1	129.7	114.8	99.3	83.6	69.2
65°	243.9	227.7	211.1	196.3	181.0	165.3	149.3	131.0	113.7	96.4	79.3
62.5°	276.0	257.2	238.9	220.8	203.5	186.2	168.2	147.8	127.9	108.9	89.9
60°	308.4	286.7	266.0	245.9	226.1	206.8	186.5	164.1	142.3	121.2	100.7
57.5°	339.3	315.5	292.0	270.0	248.4	227.0	204.3	180.2	156.3	133.4	111.2
55°	369.4	345.0	317.4	292.4	269.5	246.7	221.6	196.0	169.9	145.2	121.4
52.5°	395.9	371.6	343.1	314.5	288.8	264.9	238.0	211.3	183.7	156.5	131.3
50°	419.9	395.4	366.7	336.5	307.3	280.8	253.7	225.5	197.1	167.7	140.8
47.5°	440.7	417.1	388.8	357.2	326.0	296.1	268.0	238.9	209.9	179.1	150.1
45°	459.5	438.1	410.0	377.6	343.4	311.7	281.4	251.6	221.3	190.1	158.9
42.5°	477.0	456.2	430.5	397.5	361.1	326.6	294.3	263.3	232.0	200.6	167.8
40°	492.9	472.0	449.8	416.1	377.9	340.5	306.9	274.4	242.0	210.2	176.4
37.5°	508.6	487.0	463.9	433.5	393.6	354.8	318.7	284.8	251.7	218.7	184.5
35°	524.7	501.6	476.4	447.2	408.6	367.9	329.5	294.6	260.8	226.8	192.0
32.5°	540.1	514.8	487.8	458.8	422.6	379.9	340.0	304.2	269.3	234.3	198.9
30°	555.3	525.5	498.0	470.5	434.8	391.6	350.3	313.0	277.2	241.3	205.3
27.5°	566.9	534.9	506.9	479.8	445.0	402.4	360.4	321.1	284.5	247.7	210.8
25°	577.3	543.9	514.5	487.1	455.1	413.6	369.6	328.6	291.1	253.6	215.9
22.5°	587.7	551.7	520.9	493.4	464.7	423.6	378.3	336.1	297.1	258.8	220.5
20°	596.6	558.0	526.1	499.1	471.0	431.5	386.4	342.7	302.4	263.5	224.6
17.5°	604.3	564.5	531.7	503.8	475.4	438.1	393.5	348.5	307.0	267.6	228.1
15°	612.1	571.1	536.4	507.4	479.2	443.5	399.6	353.4	310.9	271.0	231.3
12.5°	618.8	576.1	540.1	510.1	482.4	447.8	404.6	357.5	314.1	274.2	234.4
10°	624.0	579.3	542.7	511.7	484.9	450.8	408.6	361.2	317.9	277.1	236.9
7.5°	627.7	580.9	544.2	512.4	486.6	453.6	412.4	365.3	321.3	279.4	238.9
5°	630.2	581.6	545.1	513.9	487.7	456.1	415.2	368.6	324.0	281.0	240.3
2.5°	633.1	581.9	545.2	515.1	487.7	457.7	416.8	370.9	326.1	282.0	241.1
0°	634.1	580.9	544.1	515.5	486.8	458.2	417.3	372.3	327.3	282.3	241.4
-2.5°	633.1	581.9	545.2	515.1	487.7	457.7	416.8	370.9	326.1	282.0	241.1
-5°	630.2	581.6	545.1	513.9	487.7	456.1	415.2	368.6	324.0	281.0	240.3
-7.5°	627.7	580.9	544.2	512.4	486.6	453.6	412.4	365.3	321.3	279.4	238.9
-10°	624.0	579.3	542.7	511.7	484.9	450.8	408.6	361.2	317.9	277.1	236.9
-12.5°	618.8	576.1	540.1	510.1	482.4	447.8	404.6	357.5	314.1	274.2	234.4
-15°	612.1	571.1	536.4	507.4	479.2	443.5	399.6	353.4	310.9	271.0	231.3
-17.5°	604.3	564.5	531.7	503.8	475.4	438.1	393.5	348.5	307.0	267.6	228.1
-20°	596.6	558.0	526.1	499.1	471.0	431.5	386.4	342.7	302.4	263.5	224.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	587.7	551.7	520.9	493.4	464.7	423.6	378.3	336.1	297.1	258.8	220.5
-25°	577.3	543.9	514.5	487.1	455.1	413.6	369.6	328.6	291.1	253.6	215.9
-27.5°	566.9	534.9	506.9	479.8	445.0	402.4	360.4	321.1	284.5	247.7	210.8
-30°	555.3	525.5	498.0	470.5	434.8	391.6	350.3	313.0	277.2	241.3	205.3
-32.5°	540.1	514.8	487.8	458.8	422.6	379.9	340.0	304.2	269.3	234.3	198.9
-35°	524.7	501.6	476.4	447.2	408.6	367.9	329.5	294.6	260.8	226.8	192.0
-37.5°	508.6	487.0	463.9	433.5	393.6	354.8	318.7	284.8	251.7	218.7	184.5
-40°	492.9	472.0	449.8	416.1	377.9	340.5	306.9	274.4	242.0	210.2	176.4
-42.5°	477.0	456.2	430.5	397.5	361.1	326.6	294.3	263.3	232.0	200.6	167.8
-45°	459.5	438.1	410.0	377.6	343.4	311.7	281.4	251.6	221.3	190.1	158.9
-47.5°	440.7	417.1	388.8	357.2	326.0	296.1	268.0	238.9	209.9	179.1	150.1
-50°	419.9	395.4	366.7	336.5	307.3	280.8	253.7	225.5	197.1	167.7	140.8
-52.5°	395.9	371.6	343.1	314.5	288.8	264.9	238.0	211.3	183.7	156.5	131.3
-55°	369.4	345.0	317.4	292.4	269.5	246.7	221.6	196.0	169.9	145.2	121.4
-57.5°	339.3	315.5	292.0	270.0	248.4	227.0	204.3	180.2	156.3	133.4	111.2
-60°	308.4	286.7	266.0	245.9	226.1	206.8	186.5	164.1	142.3	121.2	100.7
-62.5°	276.0	257.2	238.9	220.8	203.5	186.2	168.2	147.8	127.9	108.9	89.9
-65°	243.9	227.7	211.1	196.3	181.0	165.3	149.3	131.0	113.7	96.4	79.3
-67.5°	212.4	198.7	185.1	171.8	158.1	144.1	129.7	114.8	99.3	83.6	69.2
-70°	181.6	170.1	158.8	147.0	135.0	122.9	111.4	98.6	84.7	71.9	58.9
-72.5°	151.9	142.6	132.5	122.1	112.7	103.1	93.2	82.6	71.4	60.0	48.5
-75°	123.9	115.8	107.4	99.1	91.3	83.3	76.0	67.6	57.9	47.9	39.5
-77.5°	96.7	89.9	83.0	77.2	71.9	66.1	59.7	52.5	44.7	37.7	30.9
-80°	71.8	67.5	63.1	58.5	53.9	48.9	43.9	38.7	32.9	27.5	22.2
-82.5°	49.9	46.7	43.3	39.9	36.3	32.6	28.9	25.0	21.0	17.1	14.8
-85°	27.9	25.7	23.5	21.2	18.8	16.4	15.1	13.8	12.5	11.2	9.9
-87.5°	11.1	10.5	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
-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: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
80°	17.3	14.1	11.3	8.5	5.7	2.8	0.0
77.5°	24.5	18.5	14.1	10.6	7.1	3.5	0.0
75°	31.7	24.5	17.3	12.7	8.5	4.2	0.0
72.5°	38.9	30.5	22.0	14.8	9.9	4.9	0.0
70°	46.2	36.4	26.8	17.1	11.2	5.6	0.0
67.5°	55.1	42.2	31.4	20.6	12.5	6.3	0.0
65°	63.8	48.7	35.9	24.0	13.8	6.9	0.0
62.5°	72.4	55.8	40.4	27.3	15.1	7.6	0.0
60°	80.9	62.9	44.8	30.6	16.4	8.2	0.0
57.5°	89.7	69.7	50.2	33.8	18.5	8.8	0.0
55°	98.3	76.4	55.5	36.9	20.6	9.4	0.0
52.5°	106.6	82.9	60.7	39.9	22.6	10.0	0.0
50°	114.6	89.5	65.7	42.9	24.5	10.5	0.0
47.5°	122.3	95.8	70.6	45.9	26.4	11.1	0.0
45°	129.9	101.8	75.2	49.4	28.2	11.6	0.0
42.5°	137.1	107.5	79.7	52.7	29.9	12.1	0.0
40°	144.0	112.9	84.0	55.8	31.6	12.6	0.0
37.5°	150.6	118.0	88.0	58.8	33.2	13.0	0.0
35°	156.8	123.0	91.9	61.5	34.6	13.4	0.0
32.5°	162.6	127.8	95.4	64.0	36.0	13.8	0.0
30°	168.2	132.3	98.7	66.3	37.3	14.2	0.0
27.5°	173.3	136.4	101.7	68.4	38.5	14.5	0.0
25°	177.8	140.2	104.5	70.3	39.6	14.9	0.0
22.5°	181.9	143.6	107.0	72.0	40.6	15.2	0.0
20°	185.5	146.6	109.3	73.5	41.5	15.4	0.0
17.5°	188.8	149.2	111.4	74.7	42.3	15.6	0.0
15°	191.8	151.3	113.3	75.8	43.0	15.8	0.0
12.5°	194.3	153.0	114.9	76.6	43.6	16.0	0.0
10°	196.5	154.3	116.2	77.2	44.1	16.2	0.0
7.5°	198.2	155.2	117.2	77.6	44.5	16.3	0.0
5°	199.5	155.7	118.0	77.9	44.8	16.3	0.0
2.5°	200.2	155.8	118.4	77.9	44.9	16.4	0.0
0°	200.5	155.5	118.6	77.7	45.0	16.4	0.0
-2.5°	200.2	155.8	118.4	77.9	44.9	16.4	0.0
-5°	199.5	155.7	118.0	77.9	44.8	16.3	0.0
-7.5°	198.2	155.2	117.2	77.6	44.5	16.3	0.0
-10°	196.5	154.3	116.2	77.2	44.1	16.2	0.0
-12.5°	194.3	153.0	114.9	76.6	43.6	16.0	0.0
-15°	191.8	151.3	113.3	75.8	43.0	15.8	0.0
-17.5°	188.8	149.2	111.4	74.7	42.3	15.6	0.0
-20°	185.5	146.6	109.3	73.5	41.5	15.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627205 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	181.9	143.6	107.0	72.0	40.6	15.2	0.0
-25°	177.8	140.2	104.5	70.3	39.6	14.9	0.0
-27.5°	173.3	136.4	101.7	68.4	38.5	14.5	0.0
-30°	168.2	132.3	98.7	66.3	37.3	14.2	0.0
-32.5°	162.6	127.8	95.4	64.0	36.0	13.8	0.0
-35°	156.8	123.0	91.9	61.5	34.6	13.4	0.0
-37.5°	150.6	118.0	88.0	58.8	33.2	13.0	0.0
-40°	144.0	112.9	84.0	55.8	31.6	12.6	0.0
-42.5°	137.1	107.5	79.7	52.7	29.9	12.1	0.0
-45°	129.9	101.8	75.2	49.4	28.2	11.6	0.0
-47.5°	122.3	95.8	70.6	45.9	26.4	11.1	0.0
-50°	114.6	89.5	65.7	42.9	24.5	10.5	0.0
-52.5°	106.6	82.9	60.7	39.9	22.6	10.0	0.0
-55°	98.3	76.4	55.5	36.9	20.6	9.4	0.0
-57.5°	89.7	69.7	50.2	33.8	18.5	8.8	0.0
-60°	80.9	62.9	44.8	30.6	16.4	8.2	0.0
-62.5°	72.4	55.8	40.4	27.3	15.1	7.6	0.0
-65°	63.8	48.7	35.9	24.0	13.8	6.9	0.0
-67.5°	55.1	42.2	31.4	20.6	12.5	6.3	0.0
-70°	46.2	36.4	26.8	17.1	11.2	5.6	0.0
-72.5°	38.9	30.5	22.0	14.8	9.9	4.9	0.0
-75°	31.7	24.5	17.3	12.7	8.5	4.2	0.0
-77.5°	24.5	18.5	14.1	10.6	7.1	3.5	0.0
-80°	17.3	14.1	11.3	8.5	5.7	2.8	0.0
-82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-87.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)