

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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627045 (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-SA2E-740-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N53
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

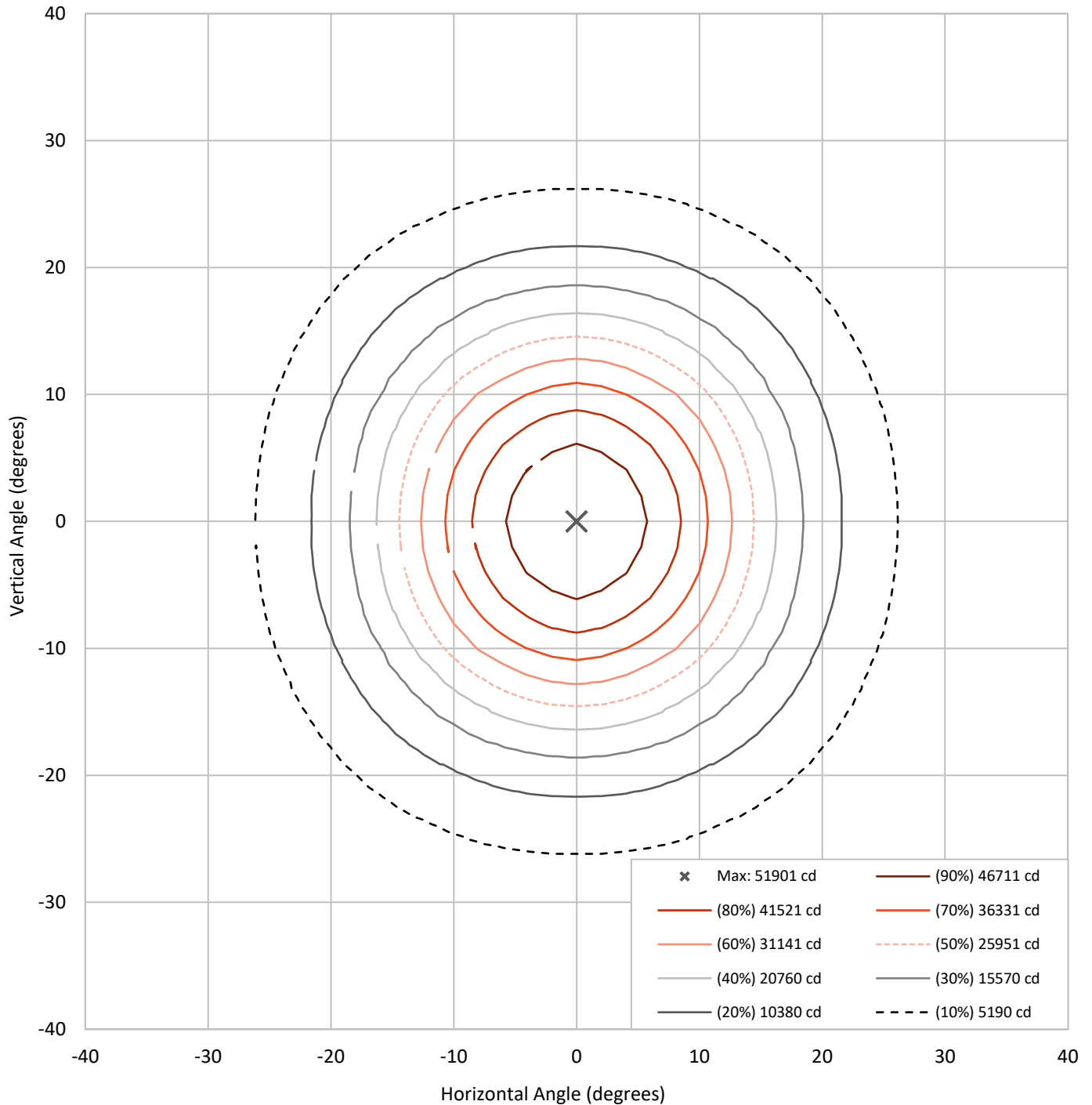
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16215.6 lumens	Max Intensity:	51901 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	7883.8 lumens	Field Lumens:	13304.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	125.7		
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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





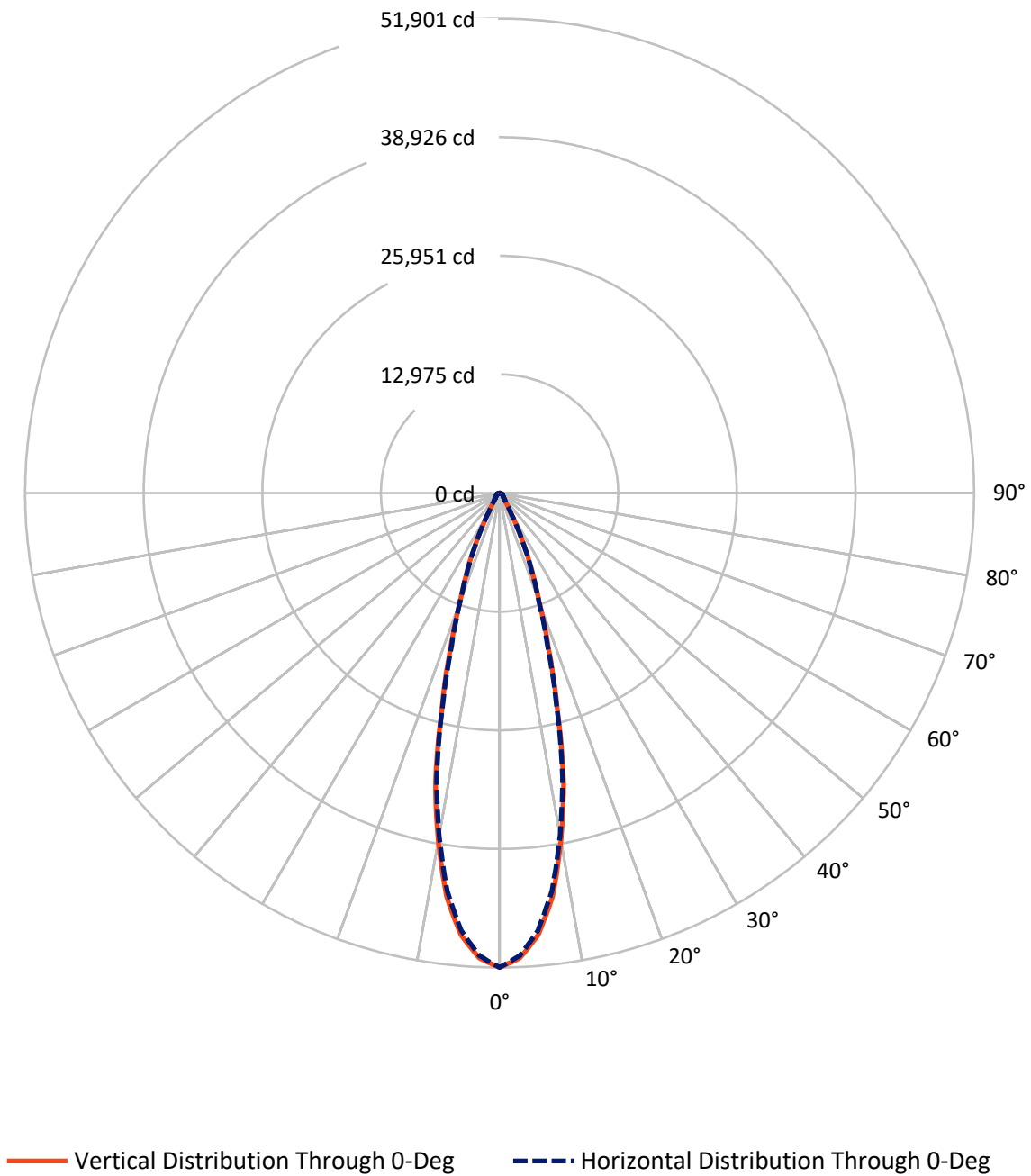
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Lumen Table

90																			
80	0.3	2.7		7.0		11.1		12.4		11.1		7.0		2.7		0.3			
70																			
60	1.2	1.4	2.8	4.6	6.4	7.8	8.8	9.2	9.2	8.8	7.8	6.4	4.6	2.8	1.4	1.2			
50		2.1	4.2	6.8	9.1	11.2	12.5	13.0	13.0	12.5	11.2	9.1	6.8	4.2	2.1				
40	2.1	2.7	5.4	8.3	11.1	14.0	16.5	17.7	17.7	16.5	14.0	11.1	8.3	5.4	2.7	2.1			
30		3.1	6.3	9.6	13.6	19.4	28.1	36.5	36.5	28.1	19.4	13.6	9.6	6.3	3.1				
20	2.7	3.5	6.9	10.8	17.4	37.9	106.7	189.3	189.3	106.7	37.9	17.4	10.8	6.9	3.5	2.7			
10		3.8	7.2	11.8	23.8	99.5	354.7	679.7	679.7	354.7	99.5	23.8	11.8	7.2	3.8				
0	2.9	3.9	7.4	12.4	30.2	171.8	656.5	1291.4	1291.4	656.5	171.8	30.2	12.4	7.4	3.9	2.9			
-10		3.9	7.4	12.4	30.2	171.8	656.5	1291.4	1291.4	656.5	171.8	30.2	12.4	7.4	3.9				
-20	2.7	3.8	7.2	11.8	23.8	99.5	354.7	679.7	679.7	354.7	99.5	23.8	11.8	7.2	3.8	2.7			
-30		3.5	6.9	10.8	17.4	37.9	106.7	189.3	189.3	106.7	37.9	17.4	10.8	6.9	3.5				
-40	2.1	3.1	6.3	9.6	13.6	19.4	28.1	36.5	36.5	28.1	19.4	13.6	9.6	6.3	3.1	2.1			
-50		2.7	5.4	8.3	11.1	14.0	16.5	17.7	17.7	16.5	14.0	11.1	8.3	5.4	2.7				
-60	1.2	2.1	4.2	6.8	9.1	11.2	12.5	13.0	13.0	12.5	11.2	9.1	6.8	4.2	2.1	1.2			
-70		1.4	2.8	4.6	6.4	7.8	8.8	9.2	9.2	8.8	7.8	6.4	4.6	2.8	1.4				
-80	0.3	2.7		7.0		11.1		12.4		11.1		7.0		2.7		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

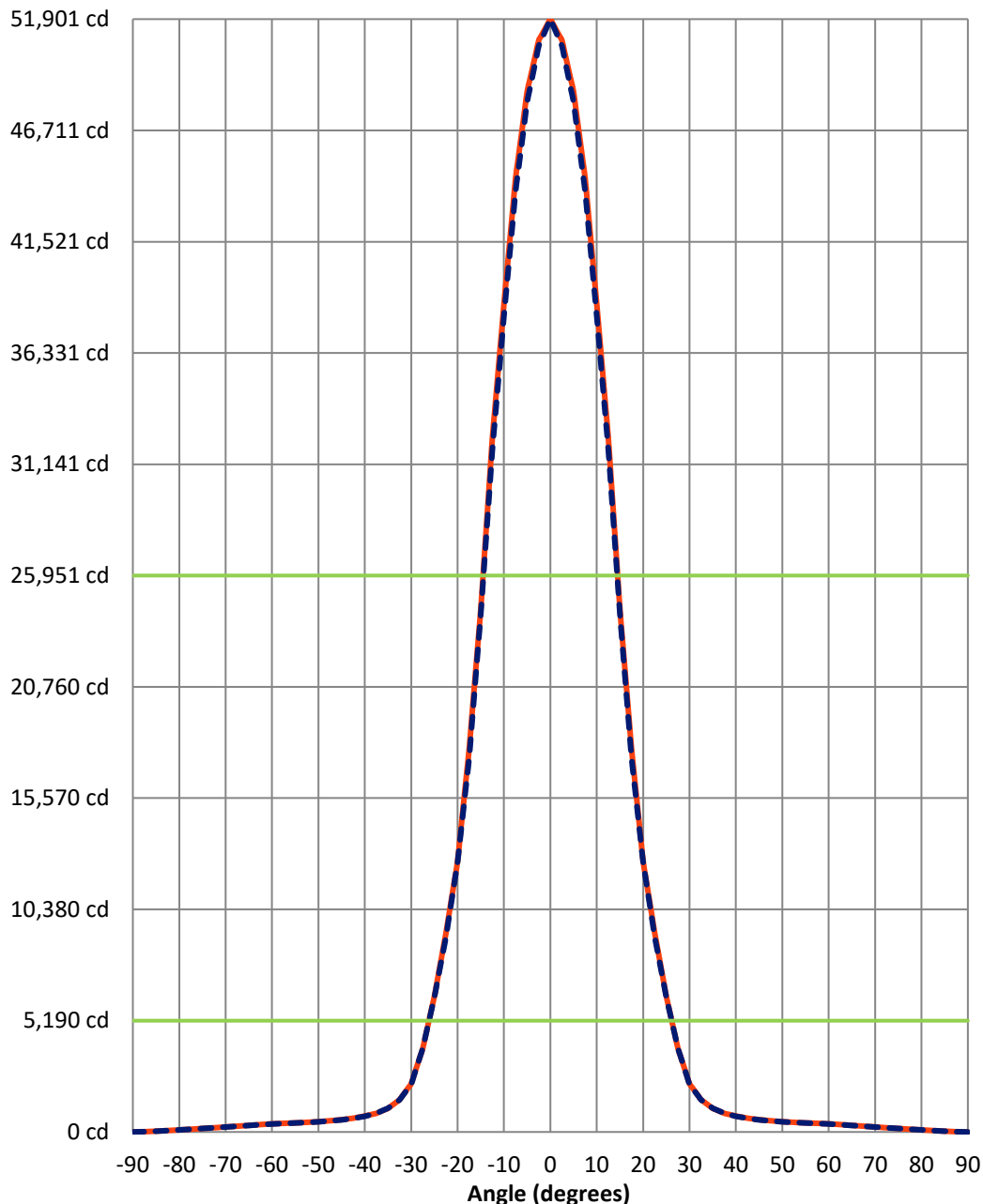
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 7883.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 13304.7
 Efficiency: 82.0%

Spill:
 Lumens: 2910.9
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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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	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
82.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.9	17.0	20.4
80°	0.0	2.3	4.6	6.9	9.2	11.5	14.0	18.0	22.3	26.8	31.5
77.5°	0.0	2.9	5.8	8.6	11.5	15.0	19.9	25.1	30.6	36.4	42.8
75°	0.0	3.4	6.9	10.3	14.0	19.9	25.8	32.1	39.0	47.1	55.1
72.5°	0.0	4.0	8.0	12.0	17.9	24.8	31.6	39.4	48.8	58.1	67.3
70°	0.0	4.5	9.1	13.8	21.7	29.6	37.5	47.9	58.5	69.0	80.3
67.5°	0.0	5.1	10.2	16.7	25.5	34.3	44.8	56.3	68.1	80.9	93.5
65°	0.0	5.6	11.2	19.5	29.2	39.6	52.0	64.5	78.5	92.6	106.7
62.5°	0.0	6.1	12.3	22.2	32.9	45.4	59.0	73.2	88.7	104.2	120.4
60°	0.0	6.6	13.3	24.9	36.4	51.2	65.8	82.0	98.7	115.9	133.6
57.5°	0.0	7.1	15.0	27.5	40.8	56.7	73.0	90.5	108.6	127.3	146.7
55°	0.0	7.6	16.7	30.0	45.2	62.2	80.1	98.8	118.3	138.4	159.6
52.5°	0.0	8.1	18.3	32.5	49.4	67.5	86.8	106.9	127.5	149.6	172.1
50°	0.0	8.5	19.9	34.9	53.5	72.9	93.3	114.7	136.6	160.5	183.6
47.5°	0.0	9.0	21.5	37.3	57.4	78.0	99.6	122.3	145.9	171.0	194.6
45°	0.0	9.4	22.9	40.1	61.2	82.9	105.8	129.5	154.9	180.2	204.9
42.5°	0.0	9.8	24.3	42.9	64.9	87.6	111.7	136.7	163.4	188.9	214.4
40°	0.0	10.2	25.7	45.4	68.4	92.0	117.3	143.7	171.2	197.1	223.4
37.5°	0.0	10.6	27.0	47.8	71.7	96.1	122.7	150.2	178.1	205.0	231.9
35°	0.0	10.9	28.2	50.0	74.8	100.2	127.7	156.3	184.7	212.4	239.9
32.5°	0.0	11.2	29.3	52.1	77.7	104.1	132.5	162.0	190.8	219.3	247.6
30°	0.0	11.5	30.3	54.0	80.4	107.7	137.0	167.1	196.5	225.7	254.8
27.5°	0.0	11.8	31.3	55.7	82.8	111.1	141.1	171.7	201.7	231.7	261.5
25°	0.0	12.1	32.2	57.3	85.1	114.2	144.8	175.8	206.5	237.1	267.6
22.5°	0.0	12.3	33.0	58.6	87.2	117.0	148.1	179.5	210.8	241.9	273.6
20°	0.0	12.5	33.8	59.8	89.0	119.4	151.0	182.9	214.6	246.3	279.1
17.5°	0.0	12.7	34.4	60.9	90.8	121.5	153.7	185.7	217.9	250.0	283.8
15°	0.0	12.8	35.0	61.7	92.3	123.2	156.1	188.4	220.7	253.2	287.8
12.5°	0.0	13.0	35.5	62.4	93.5	124.6	158.2	190.9	223.3	255.8	291.1
10°	0.0	13.1	35.9	62.9	94.6	125.6	160.0	192.9	225.7	258.9	294.1
7.5°	0.0	13.2	36.2	63.2	95.5	126.3	161.3	194.5	227.5	261.7	297.5
5°	0.0	13.2	36.4	63.4	96.1	126.7	162.4	195.7	228.8	263.9	300.1
2.5°	0.0	13.3	36.6	63.4	96.5	126.8	163.0	196.4	229.6	265.5	302.0
0°	0.0	13.3	36.6	63.3	96.6	126.6	163.2	196.6	229.9	266.5	303.2
-2.5°	0.0	13.3	36.6	63.4	96.5	126.8	163.0	196.4	229.6	265.5	302.0
-5°	0.0	13.2	36.4	63.4	96.1	126.7	162.4	195.7	228.8	263.9	300.1
-7.5°	0.0	13.2	36.2	63.2	95.5	126.3	161.3	194.5	227.5	261.7	297.5
-10°	0.0	13.1	35.9	62.9	94.6	125.6	160.0	192.9	225.7	258.9	294.1
-12.5°	0.0	13.0	35.5	62.4	93.5	124.6	158.2	190.9	223.3	255.8	291.1
-15°	0.0	12.8	35.0	61.7	92.3	123.2	156.1	188.4	220.7	253.2	287.8
-17.5°	0.0	12.7	34.4	60.9	90.8	121.5	153.7	185.7	217.9	250.0	283.8
-20°	0.0	12.5	33.8	59.8	89.0	119.4	151.0	182.9	214.6	246.3	279.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-740-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	12.3	33.0	58.6	87.2	117.0	148.1	179.5	210.8	241.9	273.6
-25°	0.0	12.1	32.2	57.3	85.1	114.2	144.8	175.8	206.5	237.1	267.6
-27.5°	0.0	11.8	31.3	55.7	82.8	111.1	141.1	171.7	201.7	231.7	261.5
-30°	0.0	11.5	30.3	54.0	80.4	107.7	137.0	167.1	196.5	225.7	254.8
-32.5°	0.0	11.2	29.3	52.1	77.7	104.1	132.5	162.0	190.8	219.3	247.6
-35°	0.0	10.9	28.2	50.0	74.8	100.2	127.7	156.3	184.7	212.4	239.9
-37.5°	0.0	10.6	27.0	47.8	71.7	96.1	122.7	150.2	178.1	205.0	231.9
-40°	0.0	10.2	25.7	45.4	68.4	92.0	117.3	143.7	171.2	197.1	223.4
-42.5°	0.0	9.8	24.3	42.9	64.9	87.6	111.7	136.7	163.4	188.9	214.4
-45°	0.0	9.4	22.9	40.1	61.2	82.9	105.8	129.5	154.9	180.2	204.9
-47.5°	0.0	9.0	21.5	37.3	57.4	78.0	99.6	122.3	145.9	171.0	194.6
-50°	0.0	8.5	19.9	34.9	53.5	72.9	93.3	114.7	136.6	160.5	183.6
-52.5°	0.0	8.1	18.3	32.5	49.4	67.5	86.8	106.9	127.5	149.6	172.1
-55°	0.0	7.6	16.7	30.0	45.2	62.2	80.1	98.8	118.3	138.4	159.6
-57.5°	0.0	7.1	15.0	27.5	40.8	56.7	73.0	90.5	108.6	127.3	146.7
-60°	0.0	6.6	13.3	24.9	36.4	51.2	65.8	82.0	98.7	115.9	133.6
-62.5°	0.0	6.1	12.3	22.2	32.9	45.4	59.0	73.2	88.7	104.2	120.4
-65°	0.0	5.6	11.2	19.5	29.2	39.6	52.0	64.5	78.5	92.6	106.7
-67.5°	0.0	5.1	10.2	16.7	25.5	34.3	44.8	56.3	68.1	80.9	93.5
-70°	0.0	4.5	9.1	13.8	21.7	29.6	37.5	47.9	58.5	69.0	80.3
-72.5°	0.0	4.0	8.0	12.0	17.9	24.8	31.6	39.4	48.8	58.1	67.3
-75°	0.0	3.4	6.9	10.3	14.0	19.9	25.8	32.1	39.0	47.1	55.1
-77.5°	0.0	2.9	5.8	8.6	11.5	15.0	19.9	25.1	30.6	36.4	42.8
-80°	0.0	2.3	4.6	6.9	9.2	11.5	14.0	18.0	22.3	26.8	31.5
-82.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.0	13.9	17.0	20.4
-85°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	10.6
85°	12.3	13.3	15.3	17.2	19.1	20.9	22.7	24.3	25.9	27.5	28.9
82.5°	23.5	26.6	29.6	32.5	35.3	38.0	40.6	43.1	45.6	47.9	50.0
80°	35.7	39.8	43.9	47.7	51.4	55.0	58.5	61.8	65.1	68.5	72.2
77.5°	48.6	53.8	58.6	62.9	67.5	73.2	78.7	84.0	89.0	93.8	98.4
75°	61.9	67.9	74.3	80.7	87.4	94.3	100.9	107.3	113.5	119.8	126.2
72.5°	75.9	84.0	91.8	99.4	107.9	116.2	123.8	130.7	138.6	147.2	155.1
70°	90.8	100.1	109.9	119.7	129.3	138.5	147.9	157.4	166.9	176.2	185.1
67.5°	105.7	117.4	128.8	139.9	150.8	161.8	172.9	184.4	195.4	205.9	216.2
65°	121.6	134.6	147.4	159.9	171.9	185.4	198.6	211.4	225.4	238.3	249.6
62.5°	137.0	151.7	165.8	179.8	194.5	209.5	224.8	240.9	257.5	269.5	279.8
60°	151.9	168.4	184.1	200.3	216.7	233.5	251.1	268.2	283.4	296.5	307.4
57.5°	166.4	184.9	202.3	219.9	237.8	256.9	276.3	293.8	307.9	320.5	332.4
55°	180.5	201.0	219.5	238.2	258.5	281.0	300.8	316.6	331.0	341.5	352.9
52.5°	193.8	215.8	235.2	256.1	279.4	302.6	322.4	337.7	349.9	360.7	371.8
50°	206.6	228.7	250.2	274.0	298.6	322.0	341.9	356.0	368.3	379.5	390.2
47.5°	218.2	241.1	265.5	291.0	316.6	339.7	358.8	373.2	385.9	397.5	409.2
45°	229.1	253.8	279.7	307.6	333.9	356.7	374.2	389.6	401.8	414.8	429.6
42.5°	239.6	265.9	294.1	323.8	350.6	371.5	388.5	403.2	417.3	432.9	449.3
40°	249.9	277.3	307.8	338.9	366.3	384.4	401.4	417.0	433.3	450.9	468.8
37.5°	259.4	288.9	320.5	353.0	377.8	396.7	414.1	431.7	449.8	468.8	491.1
35°	268.3	299.6	332.7	364.2	388.0	408.5	427.3	446.3	466.5	489.9	514.5
32.5°	276.8	309.4	344.1	373.6	397.2	419.1	439.9	461.3	484.6	510.3	538.4
30°	285.3	318.9	354.1	383.2	405.5	427.9	452.2	476.1	502.0	530.5	563.5
27.5°	293.4	327.7	362.4	390.7	412.7	435.6	461.6	490.7	518.9	550.1	588.3
25°	300.9	336.8	370.6	396.7	419.0	442.9	470.1	501.0	534.2	571.4	618.2
22.5°	308.0	345.0	378.4	401.7	424.2	449.3	478.6	511.2	547.4	590.4	647.6
20°	314.7	351.3	383.5	406.4	428.5	454.4	485.8	520.2	561.5	613.7	682.1
17.5°	320.5	356.7	387.1	410.3	433.0	459.6	492.1	527.9	574.3	634.2	715.2
15°	325.4	361.2	390.2	413.3	436.8	465.1	498.5	537.5	588.3	654.4	743.8
12.5°	329.5	364.6	392.8	415.4	439.8	469.1	503.9	546.7	602.3	676.3	782.3
10°	332.7	367.1	394.9	416.7	441.9	471.7	508.2	553.9	613.6	694.7	815.3
7.5°	335.8	369.3	396.3	417.3	443.1	473.1	511.2	559.1	621.9	708.5	841.6
5°	338.1	371.4	397.1	418.5	443.9	473.7	513.2	562.0	627.1	717.6	860.3
2.5°	339.4	372.7	397.1	419.5	444.0	473.9	515.6	563.6	632.8	725.2	870.8
0°	339.8	373.1	396.4	419.8	443.1	473.1	516.4	563.0	636.3	729.6	872.8
-2.5°	339.4	372.7	397.1	419.5	444.0	473.9	515.6	563.6	632.8	725.2	870.8
-5°	338.1	371.4	397.1	418.5	443.9	473.7	513.2	562.0	627.1	717.6	860.3
-7.5°	335.8	369.3	396.3	417.3	443.1	473.1	511.2	559.1	621.9	708.5	841.6
-10°	332.7	367.1	394.9	416.7	441.9	471.7	508.2	553.9	613.6	694.7	815.3
-12.5°	329.5	364.6	392.8	415.4	439.8	469.1	503.9	546.7	602.3	676.3	782.3
-15°	325.4	361.2	390.2	413.3	436.8	465.1	498.5	537.5	588.3	654.4	743.8
-17.5°	320.5	356.7	387.1	410.3	433.0	459.6	492.1	527.9	574.3	634.2	715.2
-20°	314.7	351.3	383.5	406.4	428.5	454.4	485.8	520.2	561.5	613.7	682.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	308.0	345.0	378.4	401.7	424.2	449.3	478.6	511.2	547.4	590.4	647.6
-25°	300.9	336.8	370.6	396.7	419.0	442.9	470.1	501.0	534.2	571.4	618.2
-27.5°	293.4	327.7	362.4	390.7	412.7	435.6	461.6	490.7	518.9	550.1	588.3
-30°	285.3	318.9	354.1	383.2	405.5	427.9	452.2	476.1	502.0	530.5	563.5
-32.5°	276.8	309.4	344.1	373.6	397.2	419.1	439.9	461.3	484.6	510.3	538.4
-35°	268.3	299.6	332.7	364.2	388.0	408.5	427.3	446.3	466.5	489.9	514.5
-37.5°	259.4	288.9	320.5	353.0	377.8	396.7	414.1	431.7	449.8	468.8	491.1
-40°	249.9	277.3	307.8	338.9	366.3	384.4	401.4	417.0	433.3	450.9	468.8
-42.5°	239.6	265.9	294.1	323.8	350.6	371.5	388.5	403.2	417.3	432.9	449.3
-45°	229.1	253.8	279.7	307.6	333.9	356.7	374.2	389.6	401.8	414.8	429.6
-47.5°	218.2	241.1	265.5	291.0	316.6	339.7	358.8	373.2	385.9	397.5	409.2
-50°	206.6	228.7	250.2	274.0	298.6	322.0	341.9	356.0	368.3	379.5	390.2
-52.5°	193.8	215.8	235.2	256.1	279.4	302.6	322.4	337.7	349.9	360.7	371.8
-55°	180.5	201.0	219.5	238.2	258.5	281.0	300.8	316.6	331.0	341.5	352.9
-57.5°	166.4	184.9	202.3	219.9	237.8	256.9	276.3	293.8	307.9	320.5	332.4
-60°	151.9	168.4	184.1	200.3	216.7	233.5	251.1	268.2	283.4	296.5	307.4
-62.5°	137.0	151.7	165.8	179.8	194.5	209.5	224.8	240.9	257.5	269.5	279.8
-65°	121.6	134.6	147.4	159.9	171.9	185.4	198.6	211.4	225.4	238.3	249.6
-67.5°	105.7	117.4	128.8	139.9	150.8	161.8	172.9	184.4	195.4	205.9	216.2
-70°	90.8	100.1	109.9	119.7	129.3	138.5	147.9	157.4	166.9	176.2	185.1
-72.5°	75.9	84.0	91.8	99.4	107.9	116.2	123.8	130.7	138.6	147.2	155.1
-75°	61.9	67.9	74.3	80.7	87.4	94.3	100.9	107.3	113.5	119.8	126.2
-77.5°	48.6	53.8	58.6	62.9	67.5	73.2	78.7	84.0	89.0	93.8	98.4
-80°	35.7	39.8	43.9	47.7	51.4	55.0	58.5	61.8	65.1	68.5	72.2
-82.5°	23.5	26.6	29.6	32.5	35.3	38.0	40.6	43.1	45.6	47.9	50.0
-85°	12.3	13.3	15.3	17.2	19.1	20.9	22.7	24.3	25.9	27.5	28.9
-87.5°	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.8	10.2	10.6
-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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	13.0	13.1
85°	30.3	31.6	32.8	34.0	35.0	35.2	35.3	35.2	35.0	35.5	35.9
82.5°	52.1	54.5	56.8	59.2	61.5	62.3	62.9	63.3	63.6	64.5	65.2
80°	75.6	79.3	82.8	85.8	88.6	90.5	92.2	93.9	95.3	96.0	96.4
77.5°	103.0	107.5	111.7	115.6	119.2	122.0	124.3	126.2	127.6	128.5	129.1
75°	132.5	138.2	143.2	147.9	152.2	155.2	157.3	158.9	159.9	161.1	161.9
72.5°	162.2	168.7	174.7	180.3	185.3	188.8	191.2	193.2	194.7	195.8	196.4
70°	193.5	201.2	207.9	213.5	218.0	221.3	223.9	226.1	227.7	228.8	229.4
67.5°	225.9	234.2	240.4	245.3	249.3	252.9	256.1	258.5	260.1	261.7	263.4
65°	259.0	267.4	273.7	278.9	283.1	287.7	291.9	295.0	297.1	299.0	300.9
62.5°	290.0	299.5	306.8	313.7	320.7	327.2	331.0	333.9	336.0	337.9	340.1
60°	318.2	329.0	337.9	346.3	354.7	363.2	366.8	369.5	372.2	374.6	376.8
57.5°	343.2	354.7	365.6	373.8	381.9	389.9	395.4	398.4	400.5	401.6	402.5
55°	365.0	376.5	387.4	396.8	405.7	413.8	420.0	422.9	425.1	426.5	427.3
52.5°	384.6	396.8	408.4	418.9	428.5	437.3	444.9	449.0	452.3	454.6	455.4
50°	403.7	417.0	429.6	440.8	451.9	462.5	472.2	477.8	481.7	484.2	485.0
47.5°	423.8	438.1	451.8	464.8	477.4	489.9	501.4	509.1	514.8	519.0	522.0
45°	444.6	460.1	475.1	490.6	505.0	521.1	535.7	546.9	555.2	562.3	568.1
42.5°	465.5	482.9	500.3	520.1	539.8	558.2	575.5	590.4	603.9	617.2	627.5
40°	488.4	507.5	531.1	554.6	579.0	600.3	625.6	648.3	669.1	691.6	710.2
37.5°	513.4	537.8	565.9	594.0	625.6	656.3	691.7	726.5	756.8	796.2	827.8
35°	540.5	571.5	604.6	642.4	683.2	731.3	780.8	838.9	888.2	950.7	1008.5
32.5°	570.7	607.2	650.2	702.1	757.1	834.5	907.0	1005.4	1089.6	1198.2	1316.8
30°	601.5	648.6	707.1	774.1	867.3	977.0	1104.9	1271.4	1451.4	1637.7	1888.4
27.5°	638.0	699.1	772.1	875.7	1015.0	1166.9	1427.6	1709.0	2101.1	2411.5	2964.3
25°	677.3	752.9	860.8	1010.9	1203.5	1510.8	1950.8	2460.4	3244.9	3942.7	4744.7
22.5°	723.8	826.5	969.4	1166.0	1501.6	2030.5	2717.3	3763.5	4926.6	6074.5	7123.7
20°	773.0	897.1	1096.9	1417.1	1935.8	2700.6	3925.9	5420.9	6965.0	8538.2	9863.9
17.5°	830.6	999.0	1262.3	1687.5	2427.6	3736.9	5373.5	7274.6	9291.8	11299.2	13042.9
15°	880.0	1088.1	1442.6	2079.5	3183.1	4820.9	6832.4	9233.3	11770.1	14375.2	17198.8
12.5°	943.0	1195.5	1628.4	2403.6	3853.5	5982.3	8443.5	11231.0	14328.7	17787.8	22189.6
10°	1000.9	1308.1	1872.8	2922.9	4659.4	7067.1	9835.2	12997.7	17015.6	22213.7	27523.4
7.5°	1047.2	1397.5	2062.4	3328.1	5335.2	7993.8	11088.2	14879.9	19892.6	26082.4	32149.1
5°	1079.5	1459.4	2198.0	3634.3	5878.8	8702.1	11977.4	16267.4	22317.6	29249.0	35443.5
2.5°	1099.8	1493.3	2264.4	3816.1	6233.4	9128.3	12532.2	17149.2	23803.8	31264.8	37536.6
0°	1109.4	1499.2	2222.1	3904.5	6283.2	9098.2	12583.0	17443.6	24156.5	31812.2	38058.7
-2.5°	1099.8	1493.3	2264.4	3816.1	6233.4	9128.3	12532.2	17149.2	23803.8	31264.8	37536.6
-5°	1079.5	1459.4	2198.0	3634.3	5878.8	8702.1	11977.4	16267.4	22317.6	29249.0	35443.5
-7.5°	1047.2	1397.5	2062.4	3328.1	5335.2	7993.8	11088.2	14879.9	19892.6	26082.4	32149.1
-10°	1000.9	1308.1	1872.8	2922.9	4659.4	7067.1	9835.2	12997.7	17015.6	22213.7	27523.4
-12.5°	943.0	1195.5	1628.4	2403.6	3853.5	5982.3	8443.5	11231.0	14328.7	17787.8	22189.6
-15°	880.0	1088.1	1442.6	2079.5	3183.1	4820.9	6832.4	9233.3	11770.1	14375.2	17198.8
-17.5°	830.6	999.0	1262.3	1687.5	2427.6	3736.9	5373.5	7274.6	9291.8	11299.2	13042.9
-20°	773.0	897.1	1096.9	1417.1	1935.8	2700.6	3925.9	5420.9	6965.0	8538.2	9863.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	723.8	826.5	969.4	1166.0	1501.6	2030.5	2717.3	3763.5	4926.6	6074.5	7123.7
-25°	677.3	752.9	860.8	1010.9	1203.5	1510.8	1950.8	2460.4	3244.9	3942.7	4744.7
-27.5°	638.0	699.1	772.1	875.7	1015.0	1166.9	1427.6	1709.0	2101.1	2411.5	2964.3
-30°	601.5	648.6	707.1	774.1	867.3	977.0	1104.9	1271.4	1451.4	1637.7	1888.4
-32.5°	570.7	607.2	650.2	702.1	757.1	834.5	907.0	1005.4	1089.6	1198.2	1316.8
-35°	540.5	571.5	604.6	642.4	683.2	731.3	780.8	838.9	888.2	950.7	1008.5
-37.5°	513.4	537.8	565.9	594.0	625.6	656.3	691.7	726.5	756.8	796.2	827.8
-40°	488.4	507.5	531.1	554.6	579.0	600.3	625.6	648.3	669.1	691.6	710.2
-42.5°	465.5	482.9	500.3	520.1	539.8	558.2	575.5	590.4	603.9	617.2	627.5
-45°	444.6	460.1	475.1	490.6	505.0	521.1	535.7	546.9	555.2	562.3	568.1
-47.5°	423.8	438.1	451.8	464.8	477.4	489.9	501.4	509.1	514.8	519.0	522.0
-50°	403.7	417.0	429.6	440.8	451.9	462.5	472.2	477.8	481.7	484.2	485.0
-52.5°	384.6	396.8	408.4	418.9	428.5	437.3	444.9	449.0	452.3	454.6	455.4
-55°	365.0	376.5	387.4	396.8	405.7	413.8	420.0	422.9	425.1	426.5	427.3
-57.5°	343.2	354.7	365.6	373.8	381.9	389.9	395.4	398.4	400.5	401.6	402.5
-60°	318.2	329.0	337.9	346.3	354.7	363.2	366.8	369.5	372.2	374.6	376.8
-62.5°	290.0	299.5	306.8	313.7	320.7	327.2	331.0	333.9	336.0	337.9	340.1
-65°	259.0	267.4	273.7	278.9	283.1	287.7	291.9	295.0	297.1	299.0	300.9
-67.5°	225.9	234.2	240.4	245.3	249.3	252.9	256.1	258.5	260.1	261.7	263.4
-70°	193.5	201.2	207.9	213.5	218.0	221.3	223.9	226.1	227.7	228.8	229.4
-72.5°	162.2	168.7	174.7	180.3	185.3	188.8	191.2	193.2	194.7	195.8	196.4
-75°	132.5	138.2	143.2	147.9	152.2	155.2	157.3	158.9	159.9	161.1	161.9
-77.5°	103.0	107.5	111.7	115.6	119.2	122.0	124.3	126.2	127.6	128.5	129.1
-80°	75.6	79.3	82.8	85.8	88.6	90.5	92.2	93.9	95.3	96.0	96.4
-82.5°	52.1	54.5	56.8	59.2	61.5	62.3	62.9	63.3	63.6	64.5	65.2
-85°	30.3	31.6	32.8	34.0	35.0	35.2	35.3	35.2	35.0	35.5	35.9
-87.5°	10.9	11.2	11.5	11.8	12.1	12.3	12.5	12.7	12.8	13.0	13.1
-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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.1	13.0	12.8	12.7
85°	36.2	36.4	36.6	36.6	36.6	36.4	36.2	35.9	35.5	35.0	35.2
82.5°	65.8	66.3	66.5	66.6	66.5	66.3	65.8	65.2	64.5	63.6	63.3
80°	96.4	96.2	96.5	96.6	96.5	96.2	96.4	96.4	96.0	95.3	93.9
77.5°	129.4	129.3	129.7	129.9	129.7	129.3	129.4	129.1	128.5	127.6	126.2
75°	162.4	162.5	163.0	163.2	163.0	162.5	162.4	161.9	161.1	159.9	158.9
72.5°	196.4	195.8	196.4	196.6	196.4	195.8	196.4	196.4	195.8	194.7	193.2
70°	229.5	229.1	231.2	233.2	231.2	229.1	229.5	229.4	228.8	227.7	226.1
67.5°	264.6	265.3	267.7	269.8	267.7	265.3	264.6	263.4	261.7	260.1	258.5
65°	301.9	302.0	304.3	306.5	304.3	302.0	301.9	300.9	299.0	297.1	295.0
62.5°	341.3	341.7	344.1	346.5	344.1	341.7	341.3	340.1	337.9	336.0	333.9
60°	378.1	378.5	379.4	379.8	379.4	378.5	378.1	376.8	374.6	372.2	369.5
57.5°	402.8	402.4	402.8	403.1	402.8	402.4	402.8	402.5	401.6	400.5	398.4
55°	427.2	426.1	424.8	423.1	424.8	426.1	427.2	427.3	426.5	425.1	422.9
52.5°	454.8	453.0	451.4	449.7	451.4	453.0	454.8	455.4	454.6	452.3	449.0
50°	484.5	482.9	481.4	479.7	481.4	482.9	484.5	485.0	484.2	481.7	477.8
47.5°	524.1	524.8	524.4	523.0	524.4	524.8	524.1	522.0	519.0	514.8	509.1
45°	572.1	574.0	574.2	573.0	574.2	574.0	572.1	568.1	562.3	555.2	546.9
42.5°	634.8	639.0	641.4	643.0	641.4	639.0	634.8	627.5	617.2	603.9	590.4
40°	723.7	732.3	737.8	742.9	737.8	732.3	723.7	710.2	691.6	669.1	648.3
37.5°	851.2	866.8	873.8	869.5	873.8	866.8	851.2	827.8	796.2	756.8	726.5
35°	1053.0	1082.7	1098.1	1099.4	1098.1	1082.7	1053.0	1008.5	950.7	888.2	838.9
32.5°	1404.5	1465.2	1497.9	1502.5	1497.9	1465.2	1404.5	1316.8	1198.2	1089.6	1005.4
30°	2080.4	2204.4	2262.6	2248.7	2262.6	2204.4	2080.4	1888.4	1637.7	1451.4	1271.4
27.5°	3394.1	3703.3	3886.6	3901.2	3886.6	3703.3	3394.1	2964.3	2411.5	2101.1	1709.0
25°	5455.1	5983.0	6321.0	6326.5	6321.0	5983.0	5455.1	4744.7	3942.7	3244.9	2460.4
22.5°	8093.8	8814.4	9209.2	9278.1	9209.2	8814.4	8093.8	7123.7	6074.5	4926.6	3763.5
20°	11150.9	12109.5	12622.3	12622.9	12622.3	12109.5	11150.9	9863.9	8538.2	6965.0	5420.9
17.5°	14915.9	16472.4	17449.5	17870.0	17449.5	16472.4	14915.9	13042.9	11299.2	9291.8	7274.6
15°	19917.6	22533.3	24100.6	24383.0	24100.6	22533.3	19917.6	17198.8	14375.2	11770.1	9233.3
12.5°	26007.9	29318.0	31543.1	32358.6	31543.1	29318.0	26007.9	22189.6	17787.8	14328.7	11231.0
10°	32366.6	35433.6	37817.4	38618.4	37817.4	35433.6	32366.6	27523.4	22213.7	17015.6	12997.7
7.5°	36960.3	40617.6	43302.7	44481.8	43302.7	40617.6	36960.3	32149.1	26082.4	19892.6	14879.9
5°	40586.5	44914.0	47413.6	48522.9	47413.6	44914.0	40586.5	35443.5	29249.0	22317.6	16267.4
2.5°	42965.8	47241.8	49888.6	50911.5	49888.6	47241.8	42965.8	37536.6	31264.8	23803.8	17149.2
0°	43855.5	48036.5	50651.7	51901.0	50651.7	48036.5	43855.5	38058.7	31812.2	24156.5	17443.6
-2.5°	42965.8	47241.8	49888.6	50911.5	49888.6	47241.8	42965.8	37536.6	31264.8	23803.8	17149.2
-5°	40586.5	44914.0	47413.6	48522.9	47413.6	44914.0	40586.5	35443.5	29249.0	22317.6	16267.4
-7.5°	36960.3	40617.6	43302.7	44481.8	43302.7	40617.6	36960.3	32149.1	26082.4	19892.6	14879.9
-10°	32366.6	35433.6	37817.4	38618.4	37817.4	35433.6	32366.6	27523.4	22213.7	17015.6	12997.7
-12.5°	26007.9	29318.0	31543.1	32358.6	31543.1	29318.0	26007.9	22189.6	17787.8	14328.7	11231.0
-15°	19917.6	22533.3	24100.6	24383.0	24100.6	22533.3	19917.6	17198.8	14375.2	11770.1	9233.3
-17.5°	14915.9	16472.4	17449.5	17870.0	17449.5	16472.4	14915.9	13042.9	11299.2	9291.8	7274.6
-20°	11150.9	12109.5	12622.3	12622.9	12622.3	12109.5	11150.9	9863.9	8538.2	6965.0	5420.9



REPORT NUMBER: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	8093.8	8814.4	9209.2	9278.1	9209.2	8814.4	8093.8	7123.7	6074.5	4926.6	3763.5
-25°	5455.1	5983.0	6321.0	6326.5	6321.0	5983.0	5455.1	4744.7	3942.7	3244.9	2460.4
-27.5°	3394.1	3703.3	3886.6	3901.2	3886.6	3703.3	3394.1	2964.3	2411.5	2101.1	1709.0
-30°	2080.4	2204.4	2262.6	2248.7	2262.6	2204.4	2080.4	1888.4	1637.7	1451.4	1271.4
-32.5°	1404.5	1465.2	1497.9	1502.5	1497.9	1465.2	1404.5	1316.8	1198.2	1089.6	1005.4
-35°	1053.0	1082.7	1098.1	1099.4	1098.1	1082.7	1053.0	1008.5	950.7	888.2	838.9
-37.5°	851.2	866.8	873.8	869.5	873.8	866.8	851.2	827.8	796.2	756.8	726.5
-40°	723.7	732.3	737.8	742.9	737.8	732.3	723.7	710.2	691.6	669.1	648.3
-42.5°	634.8	639.0	641.4	643.0	641.4	639.0	634.8	627.5	617.2	603.9	590.4
-45°	572.1	574.0	574.2	573.0	574.2	574.0	572.1	568.1	562.3	555.2	546.9
-47.5°	524.1	524.8	524.4	523.0	524.4	524.8	524.1	522.0	519.0	514.8	509.1
-50°	484.5	482.9	481.4	479.7	481.4	482.9	484.5	485.0	484.2	481.7	477.8
-52.5°	454.8	453.0	451.4	449.7	451.4	453.0	454.8	455.4	454.6	452.3	449.0
-55°	427.2	426.1	424.8	423.1	424.8	426.1	427.2	427.3	426.5	425.1	422.9
-57.5°	402.8	402.4	402.8	403.1	402.8	402.4	402.8	402.5	401.6	400.5	398.4
-60°	378.1	378.5	379.4	379.8	379.4	378.5	378.1	376.8	374.6	372.2	369.5
-62.5°	341.3	341.7	344.1	346.5	344.1	341.7	341.3	340.1	337.9	336.0	333.9
-65°	301.9	302.0	304.3	306.5	304.3	302.0	301.9	300.9	299.0	297.1	295.0
-67.5°	264.6	265.3	267.7	269.8	267.7	265.3	264.6	263.4	261.7	260.1	258.5
-70°	229.5	229.1	231.2	233.2	231.2	229.1	229.5	229.4	228.8	227.7	226.1
-72.5°	196.4	195.8	196.4	196.6	196.4	195.8	196.4	196.4	195.8	194.7	193.2
-75°	162.4	162.5	163.0	163.2	163.0	162.5	162.4	161.9	161.1	159.9	158.9
-77.5°	129.4	129.3	129.7	129.9	129.7	129.3	129.4	129.1	128.5	127.6	126.2
-80°	96.4	96.2	96.5	96.6	96.5	96.2	96.4	96.4	96.0	95.3	93.9
-82.5°	65.8	66.3	66.5	66.6	66.5	66.3	65.8	65.2	64.5	63.6	63.3
-85°	36.2	36.4	36.6	36.6	36.6	36.4	36.2	35.9	35.5	35.0	35.2
-87.5°	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.1	13.0	12.8	12.7
-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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
85°	35.3	35.2	35.0	34.0	32.8	31.6	30.3	28.9	27.5	25.9	24.3
82.5°	62.9	62.3	61.5	59.2	56.8	54.5	52.1	50.0	47.9	45.6	43.1
80°	92.2	90.5	88.6	85.8	82.8	79.3	75.6	72.2	68.5	65.1	61.8
77.5°	124.3	122.0	119.2	115.6	111.7	107.5	103.0	98.4	93.8	89.0	84.0
75°	157.3	155.2	152.2	147.9	143.2	138.2	132.5	126.2	119.8	113.5	107.3
72.5°	191.2	188.8	185.3	180.3	174.7	168.7	162.2	155.1	147.2	138.6	130.7
70°	223.9	221.3	218.0	213.5	207.9	201.2	193.5	185.1	176.2	166.9	157.4
67.5°	256.1	252.9	249.3	245.3	240.4	234.2	225.9	216.2	205.9	195.4	184.4
65°	291.9	287.7	283.1	278.9	273.7	267.4	259.0	249.6	238.3	225.4	211.4
62.5°	331.0	327.2	320.7	313.7	306.8	299.5	290.0	279.8	269.5	257.5	240.9
60°	366.8	363.2	354.7	346.3	337.9	329.0	318.2	307.4	296.5	283.4	268.2
57.5°	395.4	389.9	381.9	373.8	365.6	354.7	343.2	332.4	320.5	307.9	293.8
55°	420.0	413.8	405.7	396.8	387.4	376.5	365.0	352.9	341.5	331.0	316.6
52.5°	444.9	437.3	428.5	418.9	408.4	396.8	384.6	371.8	360.7	349.9	337.7
50°	472.2	462.5	451.9	440.8	429.6	417.0	403.7	390.2	379.5	368.3	356.0
47.5°	501.4	489.9	477.4	464.8	451.8	438.1	423.8	409.2	397.5	385.9	373.2
45°	535.7	521.1	505.0	490.6	475.1	460.1	444.6	429.6	414.8	401.8	389.6
42.5°	575.5	558.2	539.8	520.1	500.3	482.9	465.5	449.3	432.9	417.3	403.2
40°	625.6	600.3	579.0	554.6	531.1	507.5	488.4	468.8	450.9	433.3	417.0
37.5°	691.7	656.3	625.6	594.0	565.9	537.8	513.4	491.1	468.8	449.8	431.7
35°	780.8	731.3	683.2	642.4	604.6	571.5	540.5	514.5	489.9	466.5	446.3
32.5°	907.0	834.5	757.1	702.1	650.2	607.2	570.7	538.4	510.3	484.6	461.3
30°	1104.9	977.0	867.3	774.1	707.1	648.6	601.5	563.5	530.5	502.0	476.1
27.5°	1427.6	1166.9	1015.0	875.7	772.1	699.1	638.0	588.3	550.1	518.9	490.7
25°	1950.8	1510.8	1203.5	1010.9	860.8	752.9	677.3	618.2	571.4	534.2	501.0
22.5°	2717.3	2030.5	1501.6	1166.0	969.4	826.5	723.8	647.6	590.4	547.4	511.2
20°	3925.9	2700.6	1935.8	1417.1	1096.9	897.1	773.0	682.1	613.7	561.5	520.2
17.5°	5373.5	3736.9	2427.6	1687.5	1262.3	999.0	830.6	715.2	634.2	574.3	527.9
15°	6832.4	4820.9	3183.1	2079.5	1442.6	1088.1	880.0	743.8	654.4	588.3	537.5
12.5°	8443.5	5982.3	3853.5	2403.6	1628.4	1195.5	943.0	782.3	676.3	602.3	546.7
10°	9835.2	7067.1	4659.4	2922.9	1872.8	1308.1	1000.9	815.3	694.7	613.6	553.9
7.5°	11088.2	7993.8	5335.2	3328.1	2062.4	1397.5	1047.2	841.6	708.5	621.9	559.1
5°	11977.4	8702.1	5878.8	3634.3	2198.0	1459.4	1079.5	860.3	717.6	627.1	562.0
2.5°	12532.2	9128.3	6233.4	3816.1	2264.4	1493.3	1099.8	870.8	725.2	632.8	563.6
0°	12583.0	9098.2	6283.2	3904.5	2222.1	1499.2	1109.4	872.8	729.6	636.3	563.0
-2.5°	12532.2	9128.3	6233.4	3816.1	2264.4	1493.3	1099.8	870.8	725.2	632.8	563.6
-5°	11977.4	8702.1	5878.8	3634.3	2198.0	1459.4	1079.5	860.3	717.6	627.1	562.0
-7.5°	11088.2	7993.8	5335.2	3328.1	2062.4	1397.5	1047.2	841.6	708.5	621.9	559.1
-10°	9835.2	7067.1	4659.4	2922.9	1872.8	1308.1	1000.9	815.3	694.7	613.6	553.9
-12.5°	8443.5	5982.3	3853.5	2403.6	1628.4	1195.5	943.0	782.3	676.3	602.3	546.7
-15°	6832.4	4820.9	3183.1	2079.5	1442.6	1088.1	880.0	743.8	654.4	588.3	537.5
-17.5°	5373.5	3736.9	2427.6	1687.5	1262.3	999.0	830.6	715.2	634.2	574.3	527.9
-20°	3925.9	2700.6	1935.8	1417.1	1096.9	897.1	773.0	682.1	613.7	561.5	520.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2717.3	2030.5	1501.6	1166.0	969.4	826.5	723.8	647.6	590.4	547.4	511.2
-25°	1950.8	1510.8	1203.5	1010.9	860.8	752.9	677.3	618.2	571.4	534.2	501.0
-27.5°	1427.6	1166.9	1015.0	875.7	772.1	699.1	638.0	588.3	550.1	518.9	490.7
-30°	1104.9	977.0	867.3	774.1	707.1	648.6	601.5	563.5	530.5	502.0	476.1
-32.5°	907.0	834.5	757.1	702.1	650.2	607.2	570.7	538.4	510.3	484.6	461.3
-35°	780.8	731.3	683.2	642.4	604.6	571.5	540.5	514.5	489.9	466.5	446.3
-37.5°	691.7	656.3	625.6	594.0	565.9	537.8	513.4	491.1	468.8	449.8	431.7
-40°	625.6	600.3	579.0	554.6	531.1	507.5	488.4	468.8	450.9	433.3	417.0
-42.5°	575.5	558.2	539.8	520.1	500.3	482.9	465.5	449.3	432.9	417.3	403.2
-45°	535.7	521.1	505.0	490.6	475.1	460.1	444.6	429.6	414.8	401.8	389.6
-47.5°	501.4	489.9	477.4	464.8	451.8	438.1	423.8	409.2	397.5	385.9	373.2
-50°	472.2	462.5	451.9	440.8	429.6	417.0	403.7	390.2	379.5	368.3	356.0
-52.5°	444.9	437.3	428.5	418.9	408.4	396.8	384.6	371.8	360.7	349.9	337.7
-55°	420.0	413.8	405.7	396.8	387.4	376.5	365.0	352.9	341.5	331.0	316.6
-57.5°	395.4	389.9	381.9	373.8	365.6	354.7	343.2	332.4	320.5	307.9	293.8
-60°	366.8	363.2	354.7	346.3	337.9	329.0	318.2	307.4	296.5	283.4	268.2
-62.5°	331.0	327.2	320.7	313.7	306.8	299.5	290.0	279.8	269.5	257.5	240.9
-65°	291.9	287.7	283.1	278.9	273.7	267.4	259.0	249.6	238.3	225.4	211.4
-67.5°	256.1	252.9	249.3	245.3	240.4	234.2	225.9	216.2	205.9	195.4	184.4
-70°	223.9	221.3	218.0	213.5	207.9	201.2	193.5	185.1	176.2	166.9	157.4
-72.5°	191.2	188.8	185.3	180.3	174.7	168.7	162.2	155.1	147.2	138.6	130.7
-75°	157.3	155.2	152.2	147.9	143.2	138.2	132.5	126.2	119.8	113.5	107.3
-77.5°	124.3	122.0	119.2	115.6	111.7	107.5	103.0	98.4	93.8	89.0	84.0
-80°	92.2	90.5	88.6	85.8	82.8	79.3	75.6	72.2	68.5	65.1	61.8
-82.5°	62.9	62.3	61.5	59.2	56.8	54.5	52.1	50.0	47.9	45.6	43.1
-85°	35.3	35.2	35.0	34.0	32.8	31.6	30.3	28.9	27.5	25.9	24.3
-87.5°	12.5	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.2	9.8	9.4
-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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	22.7	20.9	19.1	17.2	15.3	13.3	12.3	11.2	10.2	9.1	8.0
82.5°	40.6	38.0	35.3	32.5	29.6	26.6	23.5	20.4	17.0	13.9	12.0
80°	58.5	55.0	51.4	47.7	43.9	39.8	35.7	31.5	26.8	22.3	18.0
77.5°	78.7	73.2	67.5	62.9	58.6	53.8	48.6	42.8	36.4	30.6	25.1
75°	100.9	94.3	87.4	80.7	74.3	67.9	61.9	55.1	47.1	39.0	32.1
72.5°	123.8	116.2	107.9	99.4	91.8	84.0	75.9	67.3	58.1	48.8	39.4
70°	147.9	138.5	129.3	119.7	109.9	100.1	90.8	80.3	69.0	58.5	47.9
67.5°	172.9	161.8	150.8	139.9	128.8	117.4	105.7	93.5	80.9	68.1	56.3
65°	198.6	185.4	171.9	159.9	147.4	134.6	121.6	106.7	92.6	78.5	64.5
62.5°	224.8	209.5	194.5	179.8	165.8	151.7	137.0	120.4	104.2	88.7	73.2
60°	251.1	233.5	216.7	200.3	184.1	168.4	151.9	133.6	115.9	98.7	82.0
57.5°	276.3	256.9	237.8	219.9	202.3	184.9	166.4	146.7	127.3	108.6	90.5
55°	300.8	281.0	258.5	238.2	219.5	201.0	180.5	159.6	138.4	118.3	98.8
52.5°	322.4	302.6	279.4	256.1	235.2	215.8	193.8	172.1	149.6	127.5	106.9
50°	341.9	322.0	298.6	274.0	250.2	228.7	206.6	183.6	160.5	136.6	114.7
47.5°	358.8	339.7	316.6	291.0	265.5	241.1	218.2	194.6	171.0	145.9	122.3
45°	374.2	356.7	333.9	307.6	279.7	253.8	229.1	204.9	180.2	154.9	129.5
42.5°	388.5	371.5	350.6	323.8	294.1	265.9	239.6	214.4	188.9	163.4	136.7
40°	401.4	384.4	366.3	338.9	307.8	277.3	249.9	223.4	197.1	171.2	143.7
37.5°	414.1	396.7	377.8	353.0	320.5	288.9	259.4	231.9	205.0	178.1	150.2
35°	427.3	408.5	388.0	364.2	332.7	299.6	268.3	239.9	212.4	184.7	156.3
32.5°	439.9	419.1	397.2	373.6	344.1	309.4	276.8	247.6	219.3	190.8	162.0
30°	452.2	427.9	405.5	383.2	354.1	318.9	285.3	254.8	225.7	196.5	167.1
27.5°	461.6	435.6	412.7	390.7	362.4	327.7	293.4	261.5	231.7	201.7	171.7
25°	470.1	442.9	419.0	396.7	370.6	336.8	300.9	267.6	237.1	206.5	175.8
22.5°	478.6	449.3	424.2	401.7	378.4	345.0	308.0	273.6	241.9	210.8	179.5
20°	485.8	454.4	428.5	406.4	383.5	351.3	314.7	279.1	246.3	214.6	182.9
17.5°	492.1	459.6	433.0	410.3	387.1	356.7	320.5	283.8	250.0	217.9	185.7
15°	498.5	465.1	436.8	413.3	390.2	361.2	325.4	287.8	253.2	220.7	188.4
12.5°	503.9	469.1	439.8	415.4	392.8	364.6	329.5	291.1	255.8	223.3	190.9
10°	508.2	471.7	441.9	416.7	394.9	367.1	332.7	294.1	258.9	225.7	192.9
7.5°	511.2	473.1	443.1	417.3	396.3	369.3	335.8	297.5	261.7	227.5	194.5
5°	513.2	473.7	443.9	418.5	397.1	371.4	338.1	300.1	263.9	228.8	195.7
2.5°	515.6	473.9	444.0	419.5	397.1	372.7	339.4	302.0	265.5	229.6	196.4
0°	516.4	473.1	443.1	419.8	396.4	373.1	339.8	303.2	266.5	229.9	196.6
-2.5°	515.6	473.9	444.0	419.5	397.1	372.7	339.4	302.0	265.5	229.6	196.4
-5°	513.2	473.7	443.9	418.5	397.1	371.4	338.1	300.1	263.9	228.8	195.7
-7.5°	511.2	473.1	443.1	417.3	396.3	369.3	335.8	297.5	261.7	227.5	194.5
-10°	508.2	471.7	441.9	416.7	394.9	367.1	332.7	294.1	258.9	225.7	192.9
-12.5°	503.9	469.1	439.8	415.4	392.8	364.6	329.5	291.1	255.8	223.3	190.9
-15°	498.5	465.1	436.8	413.3	390.2	361.2	325.4	287.8	253.2	220.7	188.4
-17.5°	492.1	459.6	433.0	410.3	387.1	356.7	320.5	283.8	250.0	217.9	185.7
-20°	485.8	454.4	428.5	406.4	383.5	351.3	314.7	279.1	246.3	214.6	182.9

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Scaled Data Report



REPORT NUMBER: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	478.6	449.3	424.2	401.7	378.4	345.0	308.0	273.6	241.9	210.8	179.5
-25°	470.1	442.9	419.0	396.7	370.6	336.8	300.9	267.6	237.1	206.5	175.8
-27.5°	461.6	435.6	412.7	390.7	362.4	327.7	293.4	261.5	231.7	201.7	171.7
-30°	452.2	427.9	405.5	383.2	354.1	318.9	285.3	254.8	225.7	196.5	167.1
-32.5°	439.9	419.1	397.2	373.6	344.1	309.4	276.8	247.6	219.3	190.8	162.0
-35°	427.3	408.5	388.0	364.2	332.7	299.6	268.3	239.9	212.4	184.7	156.3
-37.5°	414.1	396.7	377.8	353.0	320.5	288.9	259.4	231.9	205.0	178.1	150.2
-40°	401.4	384.4	366.3	338.9	307.8	277.3	249.9	223.4	197.1	171.2	143.7
-42.5°	388.5	371.5	350.6	323.8	294.1	265.9	239.6	214.4	188.9	163.4	136.7
-45°	374.2	356.7	333.9	307.6	279.7	253.8	229.1	204.9	180.2	154.9	129.5
-47.5°	358.8	339.7	316.6	291.0	265.5	241.1	218.2	194.6	171.0	145.9	122.3
-50°	341.9	322.0	298.6	274.0	250.2	228.7	206.6	183.6	160.5	136.6	114.7
-52.5°	322.4	302.6	279.4	256.1	235.2	215.8	193.8	172.1	149.6	127.5	106.9
-55°	300.8	281.0	258.5	238.2	219.5	201.0	180.5	159.6	138.4	118.3	98.8
-57.5°	276.3	256.9	237.8	219.9	202.3	184.9	166.4	146.7	127.3	108.6	90.5
-60°	251.1	233.5	216.7	200.3	184.1	168.4	151.9	133.6	115.9	98.7	82.0
-62.5°	224.8	209.5	194.5	179.8	165.8	151.7	137.0	120.4	104.2	88.7	73.2
-65°	198.6	185.4	171.9	159.9	147.4	134.6	121.6	106.7	92.6	78.5	64.5
-67.5°	172.9	161.8	150.8	139.9	128.8	117.4	105.7	93.5	80.9	68.1	56.3
-70°	147.9	138.5	129.3	119.7	109.9	100.1	90.8	80.3	69.0	58.5	47.9
-72.5°	123.8	116.2	107.9	99.4	91.8	84.0	75.9	67.3	58.1	48.8	39.4
-75°	100.9	94.3	87.4	80.7	74.3	67.9	61.9	55.1	47.1	39.0	32.1
-77.5°	78.7	73.2	67.5	62.9	58.6	53.8	48.6	42.8	36.4	30.6	25.1
-80°	58.5	55.0	51.4	47.7	43.9	39.8	35.7	31.5	26.8	22.3	18.0
-82.5°	40.6	38.0	35.3	32.5	29.6	26.6	23.5	20.4	17.0	13.9	12.0
-85°	22.7	20.9	19.1	17.2	15.3	13.3	12.3	11.2	10.2	9.1	8.0
-87.5°	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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: P627045 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
82.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
80°	14.0	11.5	9.2	6.9	4.6	2.3	0.0
77.5°	19.9	15.0	11.5	8.6	5.8	2.9	0.0
75°	25.8	19.9	14.0	10.3	6.9	3.4	0.0
72.5°	31.6	24.8	17.9	12.0	8.0	4.0	0.0
70°	37.5	29.6	21.7	13.8	9.1	4.5	0.0
67.5°	44.8	34.3	25.5	16.7	10.2	5.1	0.0
65°	52.0	39.6	29.2	19.5	11.2	5.6	0.0
62.5°	59.0	45.4	32.9	22.2	12.3	6.1	0.0
60°	65.8	51.2	36.4	24.9	13.3	6.6	0.0
57.5°	73.0	56.7	40.8	27.5	15.0	7.1	0.0
55°	80.1	62.2	45.2	30.0	16.7	7.6	0.0
52.5°	86.8	67.5	49.4	32.5	18.3	8.1	0.0
50°	93.3	72.9	53.5	34.9	19.9	8.5	0.0
47.5°	99.6	78.0	57.4	37.3	21.5	9.0	0.0
45°	105.8	82.9	61.2	40.1	22.9	9.4	0.0
42.5°	111.7	87.6	64.9	42.9	24.3	9.8	0.0
40°	117.3	92.0	68.4	45.4	25.7	10.2	0.0
37.5°	122.7	96.1	71.7	47.8	27.0	10.6	0.0
35°	127.7	100.2	74.8	50.0	28.2	10.9	0.0
32.5°	132.5	104.1	77.7	52.1	29.3	11.2	0.0
30°	137.0	107.7	80.4	54.0	30.3	11.5	0.0
27.5°	141.1	111.1	82.8	55.7	31.3	11.8	0.0
25°	144.8	114.2	85.1	57.3	32.2	12.1	0.0
22.5°	148.1	117.0	87.2	58.6	33.0	12.3	0.0
20°	151.0	119.4	89.0	59.8	33.8	12.5	0.0
17.5°	153.7	121.5	90.8	60.9	34.4	12.7	0.0
15°	156.1	123.2	92.3	61.7	35.0	12.8	0.0
12.5°	158.2	124.6	93.5	62.4	35.5	13.0	0.0
10°	160.0	125.6	94.6	62.9	35.9	13.1	0.0
7.5°	161.3	126.3	95.5	63.2	36.2	13.2	0.0
5°	162.4	126.7	96.1	63.4	36.4	13.2	0.0
2.5°	163.0	126.8	96.5	63.4	36.6	13.3	0.0
0°	163.2	126.6	96.6	63.3	36.6	13.3	0.0
-2.5°	163.0	126.8	96.5	63.4	36.6	13.3	0.0
-5°	162.4	126.7	96.1	63.4	36.4	13.2	0.0
-7.5°	161.3	126.3	95.5	63.2	36.2	13.2	0.0
-10°	160.0	125.6	94.6	62.9	35.9	13.1	0.0
-12.5°	158.2	124.6	93.5	62.4	35.5	13.0	0.0
-15°	156.1	123.2	92.3	61.7	35.0	12.8	0.0
-17.5°	153.7	121.5	90.8	60.9	34.4	12.7	0.0
-20°	151.0	119.4	89.0	59.8	33.8	12.5	0.0

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CATALOG NUMBER: GFLD-SA2E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	148.1	117.0	87.2	58.6	33.0	12.3	0.0
-25°	144.8	114.2	85.1	57.3	32.2	12.1	0.0
-27.5°	141.1	111.1	82.8	55.7	31.3	11.8	0.0
-30°	137.0	107.7	80.4	54.0	30.3	11.5	0.0
-32.5°	132.5	104.1	77.7	52.1	29.3	11.2	0.0
-35°	127.7	100.2	74.8	50.0	28.2	10.9	0.0
-37.5°	122.7	96.1	71.7	47.8	27.0	10.6	0.0
-40°	117.3	92.0	68.4	45.4	25.7	10.2	0.0
-42.5°	111.7	87.6	64.9	42.9	24.3	9.8	0.0
-45°	105.8	82.9	61.2	40.1	22.9	9.4	0.0
-47.5°	99.6	78.0	57.4	37.3	21.5	9.0	0.0
-50°	93.3	72.9	53.5	34.9	19.9	8.5	0.0
-52.5°	86.8	67.5	49.4	32.5	18.3	8.1	0.0
-55°	80.1	62.2	45.2	30.0	16.7	7.6	0.0
-57.5°	73.0	56.7	40.8	27.5	15.0	7.1	0.0
-60°	65.8	51.2	36.4	24.9	13.3	6.6	0.0
-62.5°	59.0	45.4	32.9	22.2	12.3	6.1	0.0
-65°	52.0	39.6	29.2	19.5	11.2	5.6	0.0
-67.5°	44.8	34.3	25.5	16.7	10.2	5.1	0.0
-70°	37.5	29.6	21.7	13.8	9.1	4.5	0.0
-72.5°	31.6	24.8	17.9	12.0	8.0	4.0	0.0
-75°	25.8	19.9	14.0	10.3	6.9	3.4	0.0
-77.5°	19.9	15.0	11.5	8.6	5.8	2.9	0.0
-80°	14.0	11.5	9.2	6.9	4.6	2.3	0.0
-82.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
-85°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)