

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N64
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

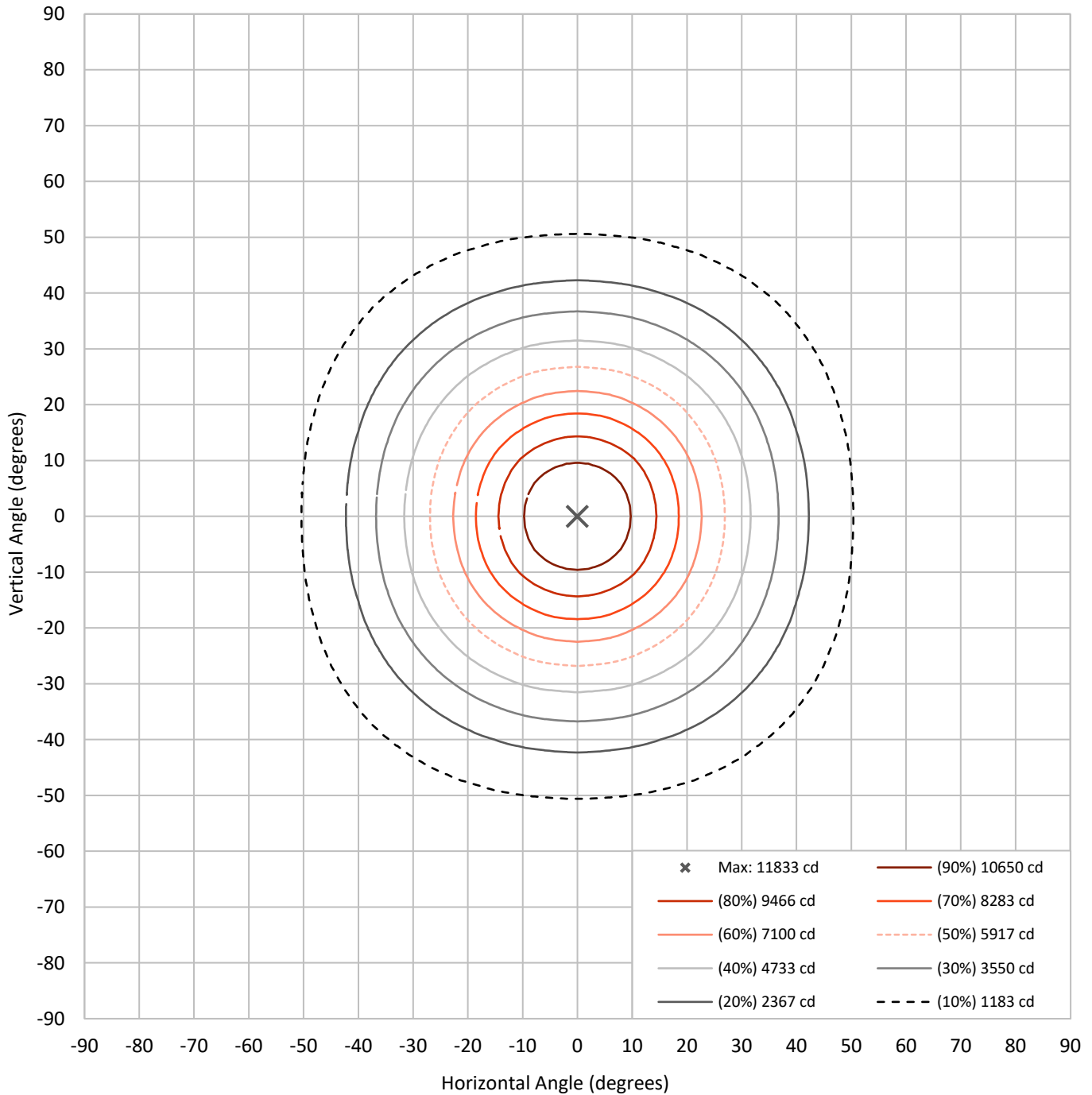
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12043.2 lumens	Max Intensity:	11833 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	5758.3 lumens	Field Lumens:	10628.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	93.7		
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		



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Iso-Candela Plot





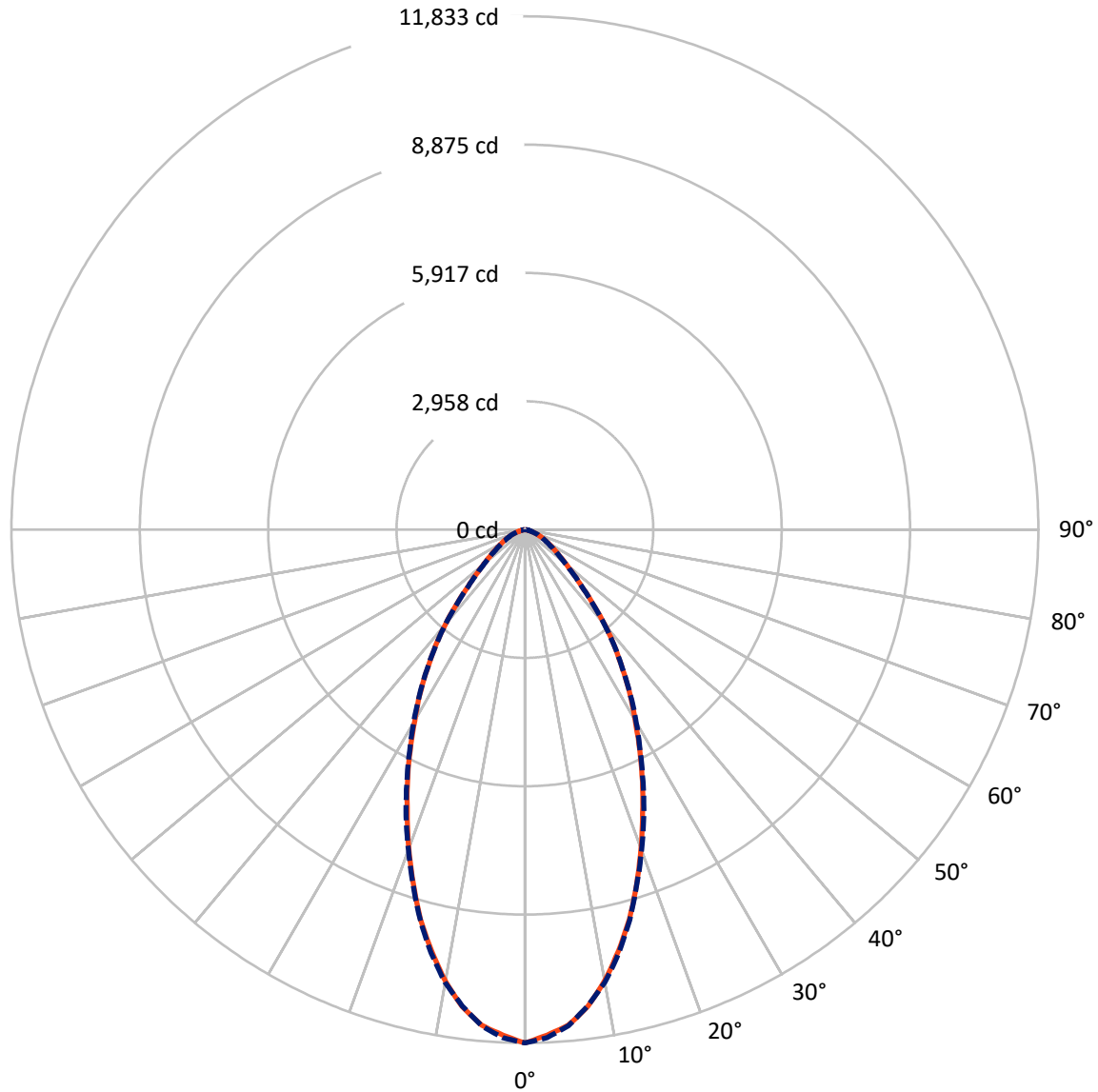
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Lumen Table

90																			
80	0.5	3.3		7.6		12.6		10.8		12.6		7.6		3.3		0.5			
70																			
60	1.6	1.8	3.5	5.5	8.0	10.4	12.2	13.1	13.1	12.2	10.4	8.0	5.5	3.5	1.8	1.6			
50		2.6	5.2	9.0	13.9	19.1	23.8	26.5	26.5	23.8	19.1	13.9	9.0	5.2	2.6				
40	2.3	3.3	7.2	13.5	22.7	35.0	48.2	57.0	57.0	48.2	35.0	22.7	13.5	7.2	3.3	2.3			
30		4.0	9.5	19.6	38.2	67.8	98.5	116.8	116.8	98.5	67.8	38.2	19.6	9.5	4.0				
20	2.7	4.7	11.8	27.4	61.7	110.9	158.7	189.7	189.7	158.7	110.9	61.7	27.4	11.8	4.7	2.7			
10		5.2	13.8	35.6	84.2	149.8	221.1	272.0	272.0	221.1	149.8	84.2	35.6	13.8	5.2				
0	2.9	5.5	15.0	40.9	97.0	174.1	265.0	333.2	333.2	265.0	174.1	97.0	40.9	15.0	5.5	2.9			
-10		5.5	15.0	40.9	97.0	174.1	265.0	333.2	333.2	265.0	174.1	97.0	40.9	15.0	5.5				
-20	2.7	5.2	13.8	35.6	84.2	149.8	221.1	272.0	272.0	221.1	149.8	84.2	35.6	13.8	5.2	2.7			
-30		4.7	11.8	27.4	61.7	110.9	158.7	189.7	189.7	158.7	110.9	61.7	27.4	11.8	4.7				
-40	2.3	4.0	9.5	19.6	38.2	67.8	98.5	116.8	116.8	98.5	67.8	38.2	19.6	9.5	4.0	2.3			
-50		3.3	7.2	13.5	22.7	35.0	48.2	57.0	57.0	48.2	35.0	22.7	13.5	7.2	3.3				
-60	1.6	2.6	5.2	9.0	13.9	19.1	23.8	26.5	26.5	23.8	19.1	13.9	9.0	5.2	2.6	1.6			
-70		1.8	3.5	5.5	8.0	10.4	12.2	13.1	13.1	12.2	10.4	8.0	5.5	3.5	1.8				
-80																			
-90	0.5	3.3		7.6		12.6		10.8		12.6		7.6		3.3		0.5			
	-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

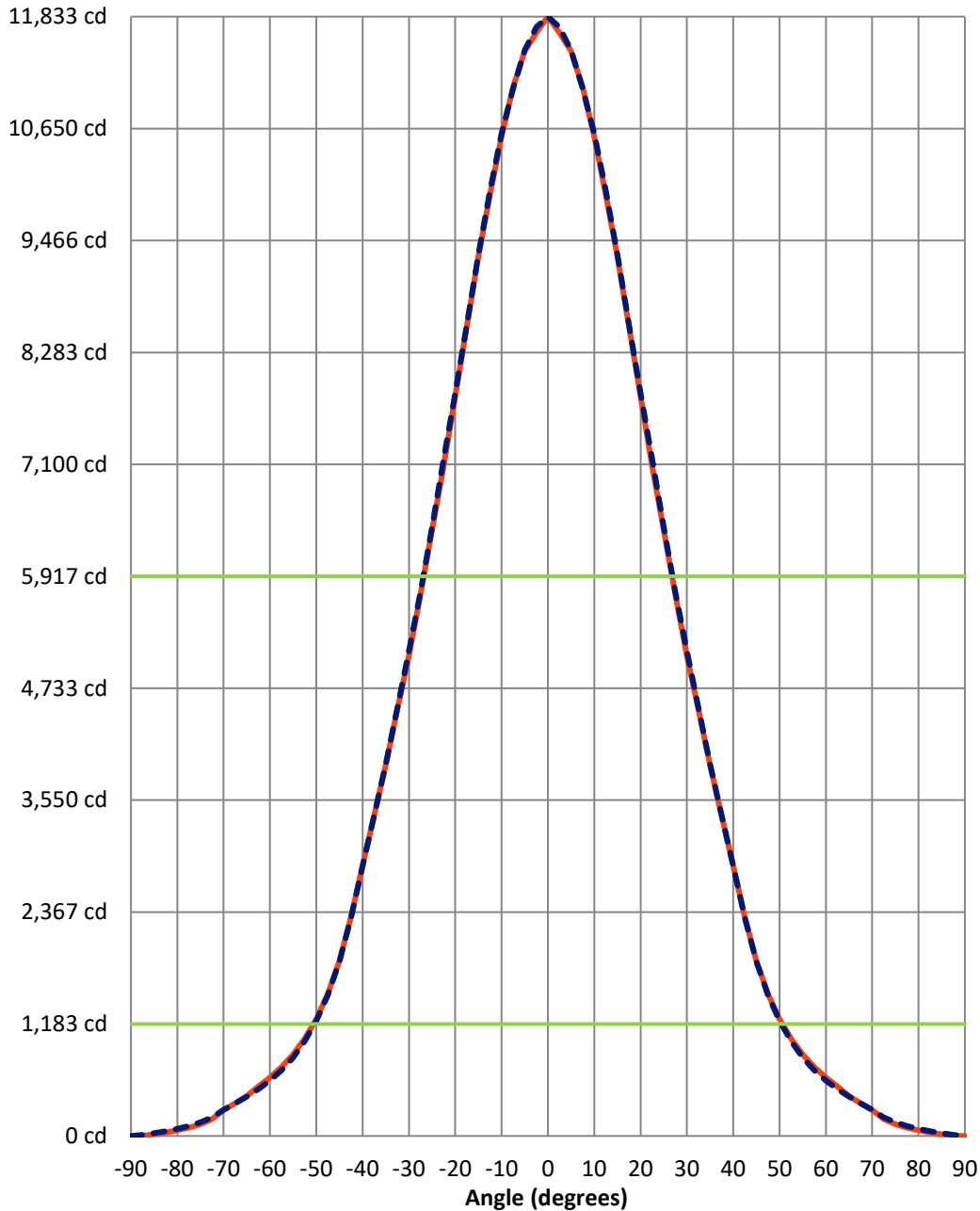


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 5758.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 10628.6
 Efficiency: 88.3%

Spill:
 Lumens: 1414.6
 Efficiency: 11.7%

— 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	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
85°	0.0	1.2	2.8	4.5	6.5	8.7	11.2	12.4	13.4	14.3	14.9
82.5°	0.0	1.8	4.1	6.8	9.7	13.1	16.7	18.7	20.6	23.9	26.8
80°	0.0	2.4	5.5	9.0	12.9	17.4	22.8	28.3	33.2	37.5	41.3
77.5°	0.0	3.0	6.8	11.2	16.1	22.6	32.5	39.7	45.7	51.1	56.4
75°	0.0	3.6	8.1	13.3	19.5	29.5	42.0	51.1	58.3	65.5	73.3
72.5°	0.0	4.1	9.4	15.4	24.1	36.3	51.2	62.2	70.8	80.1	89.9
70°	0.0	4.7	10.7	17.6	28.6	42.8	59.9	72.7	83.2	94.4	107.6
67.5°	0.0	5.2	11.9	20.4	32.9	49.0	67.5	83.0	95.3	109.2	125.1
65°	0.0	5.7	13.1	23.0	37.0	54.6	74.6	93.0	107.3	123.5	141.6
62.5°	0.0	6.3	14.2	25.5	40.9	59.8	81.4	102.6	118.7	137.2	157.0
60°	0.0	6.8	15.3	27.8	44.5	64.7	87.8	111.6	129.7	150.5	171.9
57.5°	0.0	7.2	16.6	30.0	47.8	69.3	93.5	119.7	140.7	163.3	185.7
55°	0.0	7.7	17.9	32.0	50.9	73.4	98.8	126.2	151.6	175.6	198.8
52.5°	0.0	8.1	19.2	33.9	53.8	77.3	103.6	133.3	162.0	187.3	211.7
50°	0.0	8.6	20.3	35.5	56.4	80.8	108.0	139.9	172.0	198.7	225.8
47.5°	0.0	8.9	21.5	37.0	58.7	84.0	112.1	145.9	181.9	209.8	239.7
45°	0.0	9.3	22.5	38.6	60.8	86.8	116.7	151.4	189.0	221.8	253.1
42.5°	0.0	9.7	23.5	39.9	62.6	89.2	120.8	156.7	195.5	233.4	266.9
40°	0.0	10.0	24.5	41.4	64.1	91.2	124.3	161.9	201.9	244.2	280.3
37.5°	0.0	10.3	25.3	42.9	65.6	92.9	127.4	166.5	209.0	252.7	293.0
35°	0.0	10.6	26.1	44.2	66.7	94.8	130.0	170.7	215.8	262.0	306.0
32.5°	0.0	10.8	26.9	45.5	67.6	96.6	132.3	174.3	222.2	271.4	319.4
30°	0.0	11.0	27.6	46.6	68.2	98.0	134.9	177.9	228.3	281.0	331.9
27.5°	0.0	11.2	28.2	47.6	69.6	99.0	137.0	182.3	234.6	290.6	343.7
25°	0.0	11.4	28.7	48.5	71.0	99.6	138.7	186.2	241.7	300.0	354.6
22.5°	0.0	11.6	29.2	49.2	72.3	100.4	139.9	189.7	248.5	308.7	366.7
20°	0.0	11.7	29.6	49.8	73.3	102.2	140.5	192.6	254.8	316.4	377.4
17.5°	0.0	11.8	29.9	50.3	74.2	103.7	142.1	195.0	260.7	323.3	386.9
15°	0.0	11.8	30.1	50.7	74.9	104.9	144.0	197.2	266.0	329.2	395.0
12.5°	0.0	11.9	30.3	50.9	75.5	105.8	145.4	199.3	270.4	334.1	401.8
10°	0.0	11.9	30.4	51.0	75.8	106.3	146.2	200.4	273.9	338.2	407.2
7.5°	0.0	11.9	30.4	51.0	76.0	106.6	146.6	200.6	276.3	341.4	411.5
5°	0.0	11.8	30.4	50.8	75.9	106.5	146.4	200.0	277.7	343.6	414.3
2.5°	0.0	11.8	30.3	50.6	75.7	106.1	145.8	198.6	277.8	344.7	415.7
0°	0.0	11.7	30.1	50.2	75.3	105.4	144.7	196.5	276.8	344.6	415.6
-2.5°	0.0	11.8	30.3	50.6	75.7	106.1	145.8	198.6	277.8	344.7	415.7
-5°	0.0	11.8	30.4	50.8	75.9	106.5	146.4	200.0	277.7	343.6	414.3
-7.5°	0.0	11.9	30.4	51.0	76.0	106.6	146.6	200.6	276.3	341.4	411.5
-10°	0.0	11.9	30.4	51.0	75.8	106.3	146.2	200.4	273.9	338.2	407.2
-12.5°	0.0	11.9	30.3	50.9	75.5	105.8	145.4	199.3	270.4	334.1	401.8
-15°	0.0	11.8	30.1	50.7	74.9	104.9	144.0	197.2	266.0	329.2	395.0
-17.5°	0.0	11.8	29.9	50.3	74.2	103.7	142.1	195.0	260.7	323.3	386.9
-20°	0.0	11.7	29.6	49.8	73.3	102.2	140.5	192.6	254.8	316.4	377.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.6	29.2	49.2	72.3	100.4	139.9	189.7	248.5	308.7	366.7
-25°	0.0	11.4	28.7	48.5	71.0	99.6	138.7	186.2	241.7	300.0	354.6
-27.5°	0.0	11.2	28.2	47.6	69.6	99.0	137.0	182.3	234.6	290.6	343.7
-30°	0.0	11.0	27.6	46.6	68.2	98.0	134.9	177.9	228.3	281.0	331.9
-32.5°	0.0	10.8	26.9	45.5	67.6	96.6	132.3	174.3	222.2	271.4	319.4
-35°	0.0	10.6	26.1	44.2	66.7	94.8	130.0	170.7	215.8	262.0	306.0
-37.5°	0.0	10.3	25.3	42.9	65.6	92.9	127.4	166.5	209.0	252.7	293.0
-40°	0.0	10.0	24.5	41.4	64.1	91.2	124.3	161.9	201.9	244.2	280.3
-42.5°	0.0	9.7	23.5	39.9	62.6	89.2	120.8	156.7	195.5	233.4	266.9
-45°	0.0	9.3	22.5	38.6	60.8	86.8	116.7	151.4	189.0	221.8	253.1
-47.5°	0.0	8.9	21.5	37.0	58.7	84.0	112.1	145.9	181.9	209.8	239.7
-50°	0.0	8.6	20.3	35.5	56.4	80.8	108.0	139.9	172.0	198.7	225.8
-52.5°	0.0	8.1	19.2	33.9	53.8	77.3	103.6	133.3	162.0	187.3	211.7
-55°	0.0	7.7	17.9	32.0	50.9	73.4	98.8	126.2	151.6	175.6	198.8
-57.5°	0.0	7.2	16.6	30.0	47.8	69.3	93.5	119.7	140.7	163.3	185.7
-60°	0.0	6.8	15.3	27.8	44.5	64.7	87.8	111.6	129.7	150.5	171.9
-62.5°	0.0	6.3	14.2	25.5	40.9	59.8	81.4	102.6	118.7	137.2	157.0
-65°	0.0	5.7	13.1	23.0	37.0	54.6	74.6	93.0	107.3	123.5	141.6
-67.5°	0.0	5.2	11.9	20.4	32.9	49.0	67.5	83.0	95.3	109.2	125.1
-70°	0.0	4.7	10.7	17.6	28.6	42.8	59.9	72.7	83.2	94.4	107.6
-72.5°	0.0	4.1	9.4	15.4	24.1	36.3	51.2	62.2	70.8	80.1	89.9
-75°	0.0	3.6	8.1	13.3	19.5	29.5	42.0	51.1	58.3	65.5	73.3
-77.5°	0.0	3.0	6.8	11.2	16.1	22.6	32.5	39.7	45.7	51.1	56.4
-80°	0.0	2.4	5.5	9.0	12.9	17.4	22.8	28.3	33.2	37.5	41.3
-82.5°	0.0	1.8	4.1	6.8	9.7	13.1	16.7	18.7	20.6	23.9	26.8
-85°	0.0	1.2	2.8	4.5	6.5	8.7	11.2	12.4	13.4	14.3	14.9
-87.5°	0.0	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
-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°	7.5	7.5	7.4	7.2	6.9	6.4	5.9	5.3	5.5	5.7	5.9
85°	15.1	15.1	16.3	17.5	18.0	18.1	17.7	16.9	19.2	21.7	24.4
82.5°	29.5	32.0	34.4	36.7	36.9	36.3	35.2	33.9	38.4	43.8	49.4
80°	45.2	48.9	53.3	57.3	58.2	57.8	56.6	54.5	60.4	68.7	77.7
77.5°	62.7	68.6	74.2	79.3	80.8	80.6	79.6	78.0	85.5	97.0	109.0
75°	81.1	88.3	95.5	101.8	104.5	104.7	104.4	106.2	116.0	129.6	141.5
72.5°	100.3	109.5	117.6	124.6	128.9	132.2	136.6	141.9	151.9	165.2	176.9
70°	120.7	130.9	139.4	147.1	153.8	161.0	170.2	179.4	189.9	203.2	215.3
67.5°	140.7	151.1	160.7	170.2	182.3	193.9	205.4	217.4	230.6	244.5	256.8
65°	159.3	171.1	182.8	196.6	212.3	225.4	239.6	255.2	272.6	288.2	302.5
62.5°	177.2	190.4	205.0	221.6	238.6	255.0	274.1	294.2	314.5	334.1	353.6
60°	192.3	208.7	226.4	245.2	264.8	287.2	309.5	333.4	357.6	381.2	405.4
57.5°	206.8	227.1	247.5	269.4	293.9	319.4	346.2	373.0	402.0	430.6	458.0
55°	221.8	245.8	269.0	294.9	322.9	352.9	383.2	415.8	447.8	483.9	517.2
52.5°	237.9	264.0	291.3	320.9	353.6	387.4	423.0	460.3	500.2	540.3	580.9
50°	253.6	283.0	313.3	348.7	385.4	424.1	465.1	508.6	555.0	601.4	650.6
47.5°	270.0	301.4	338.4	376.8	418.8	462.9	509.3	561.1	612.6	671.0	727.4
45°	286.2	322.3	362.4	407.1	453.2	502.8	558.1	614.9	680.6	746.6	820.8
42.5°	301.7	343.3	388.6	436.4	488.9	545.9	607.0	678.4	752.6	834.3	921.3
40°	319.5	363.4	414.5	467.9	524.8	589.9	663.5	742.8	833.3	930.0	1028.9
37.5°	336.8	386.1	440.0	497.9	563.9	637.3	718.5	815.7	920.2	1030.2	1164.6
35°	353.0	407.8	466.2	529.7	601.2	686.2	783.4	890.8	1011.1	1153.0	1309.8
32.5°	370.3	428.2	491.0	562.3	643.1	736.0	846.4	972.8	1115.2	1276.7	1473.1
30°	387.6	449.3	515.6	592.7	682.7	790.2	915.6	1055.3	1219.1	1421.7	1652.2
27.5°	403.7	469.0	541.6	625.0	721.2	840.2	982.1	1145.9	1338.9	1567.8	1837.0
25°	418.5	486.9	565.5	655.8	763.6	894.1	1048.0	1229.4	1458.7	1731.7	2062.9
22.5°	432.5	503.2	587.2	683.4	801.9	946.3	1119.5	1327.1	1580.5	1887.0	2284.2
20°	445.7	520.9	608.6	709.9	836.0	993.4	1185.3	1418.3	1706.7	2069.5	2501.1
17.5°	457.3	536.4	628.9	738.5	874.1	1041.4	1247.3	1498.8	1819.1	2232.5	2701.3
15°	467.2	549.9	646.5	763.2	908.4	1089.0	1312.4	1587.1	1936.2	2380.6	2877.0
12.5°	475.5	561.1	661.3	784.1	937.2	1129.2	1367.9	1665.8	2050.3	2520.2	3031.4
10°	482.1	570.1	673.1	800.9	960.4	1161.9	1413.8	1730.2	2145.2	2639.9	3161.9
7.5°	487.7	577.2	682.3	813.6	978.0	1186.9	1449.4	1779.9	2219.5	2734.7	3262.1
5°	491.6	582.2	689.2	822.6	990.9	1204.3	1474.3	1814.6	2272.3	2803.4	3330.6
2.5°	493.8	585.0	693.1	827.4	998.8	1214.1	1487.4	1836.4	2301.3	2842.6	3372.0
0°	494.3	585.4	694.1	828.0	1001.1	1216.0	1489.5	1843.2	2307.4	2852.7	3387.1
-2.5°	493.8	585.0	693.1	827.4	998.8	1214.1	1487.4	1836.4	2301.3	2842.6	3372.0
-5°	491.6	582.2	689.2	822.6	990.9	1204.3	1474.3	1814.6	2272.3	2803.4	3330.6
-7.5°	487.7	577.2	682.3	813.6	978.0	1186.9	1449.4	1779.9	2219.5	2734.7	3262.1
-10°	482.1	570.1	673.1	800.9	960.4	1161.9	1413.8	1730.2	2145.2	2639.9	3161.9
-12.5°	475.5	561.1	661.3	784.1	937.2	1129.2	1367.9	1665.8	2050.3	2520.2	3031.4
-15°	467.2	549.9	646.5	763.2	908.4	1089.0	1312.4	1587.1	1936.2	2380.6	2877.0
-17.5°	457.3	536.4	628.9	738.5	874.1	1041.4	1247.3	1498.8	1819.1	2232.5	2701.3
-20°	445.7	520.9	608.6	709.9	836.0	993.4	1185.3	1418.3	1706.7	2069.5	2501.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	432.5	503.2	587.2	683.4	801.9	946.3	1119.5	1327.1	1580.5	1887.0	2284.2
-25°	418.5	486.9	565.5	655.8	763.6	894.1	1048.0	1229.4	1458.7	1731.7	2062.9
-27.5°	403.7	469.0	541.6	625.0	721.2	840.2	982.1	1145.9	1338.9	1567.8	1837.0
-30°	387.6	449.3	515.6	592.7	682.7	790.2	915.6	1055.3	1219.1	1421.7	1652.2
-32.5°	370.3	428.2	491.0	562.3	643.1	736.0	846.4	972.8	1115.2	1276.7	1473.1
-35°	353.0	407.8	466.2	529.7	601.2	686.2	783.4	890.8	1011.1	1153.0	1309.8
-37.5°	336.8	386.1	440.0	497.9	563.9	637.3	718.5	815.7	920.2	1030.2	1164.6
-40°	319.5	363.4	414.5	467.9	524.8	589.9	663.5	742.8	833.3	930.0	1028.9
-42.5°	301.7	343.3	388.6	436.4	488.9	545.9	607.0	678.4	752.6	834.3	921.3
-45°	286.2	322.3	362.4	407.1	453.2	502.8	558.1	614.9	680.6	746.6	820.8
-47.5°	270.0	301.4	338.4	376.8	418.8	462.9	509.3	561.1	612.6	671.0	727.4
-50°	253.6	283.0	313.3	348.7	385.4	424.1	465.1	508.6	555.0	601.4	650.6
-52.5°	237.9	264.0	291.3	320.9	353.6	387.4	423.0	460.3	500.2	540.3	580.9
-55°	221.8	245.8	269.0	294.9	322.9	352.9	383.2	415.8	447.8	483.9	517.2
-57.5°	206.8	227.1	247.5	269.4	293.9	319.4	346.2	373.0	402.0	430.6	458.0
-60°	192.3	208.7	226.4	245.2	264.8	287.2	309.5	333.4	357.6	381.2	405.4
-62.5°	177.2	190.4	205.0	221.6	238.6	255.0	274.1	294.2	314.5	334.1	353.6
-65°	159.3	171.1	182.8	196.6	212.3	225.4	239.6	255.2	272.6	288.2	302.5
-67.5°	140.7	151.1	160.7	170.2	182.3	193.9	205.4	217.4	230.6	244.5	256.8
-70°	120.7	130.9	139.4	147.1	153.8	161.0	170.2	179.4	189.9	203.2	215.3
-72.5°	100.3	109.5	117.6	124.6	128.9	132.2	136.6	141.9	151.9	165.2	176.9
-75°	81.1	88.3	95.5	101.8	104.5	104.7	104.4	106.2	116.0	129.6	141.5
-77.5°	62.7	68.6	74.2	79.3	80.8	80.6	79.6	78.0	85.5	97.0	109.0
-80°	45.2	48.9	53.3	57.3	58.2	57.8	56.6	54.5	60.4	68.7	77.7
-82.5°	29.5	32.0	34.4	36.7	36.9	36.3	35.2	33.9	38.4	43.8	49.4
-85°	15.1	15.1	16.3	17.5	18.0	18.1	17.7	16.9	19.2	21.7	24.4
-87.5°	7.5	7.5	7.4	7.2	6.9	6.4	5.9	5.3	5.5	5.7	5.9
-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: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-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°	6.1	6.0	5.8	5.6	5.3	5.2	5.1	5.0	4.8	4.5	4.1
85°	27.2	27.8	28.2	28.3	28.4	29.3	30.1	30.9	31.6	28.6	25.3
82.5°	55.3	57.9	60.2	62.4	64.7	66.2	67.4	68.2	68.8	62.3	54.9
80°	87.1	92.5	97.0	101.3	105.4	106.5	106.5	105.9	104.8	95.9	85.8
77.5°	121.1	128.2	133.9	139.5	145.0	147.0	148.0	148.8	149.3	138.3	124.7
75°	151.9	160.4	168.4	175.7	182.5	186.1	188.3	190.0	191.3	180.3	165.7
72.5°	187.1	196.1	204.7	212.9	220.1	224.8	227.9	230.5	232.5	226.2	217.1
70°	225.8	235.1	244.2	252.6	260.8	267.2	272.3	276.6	280.2	280.9	280.6
67.5°	268.7	279.7	290.5	299.8	309.4	318.5	326.5	333.1	338.4	341.8	343.8
65°	317.0	333.5	348.2	360.7	371.2	383.2	393.9	402.1	407.8	412.2	415.9
62.5°	373.8	393.8	410.7	427.3	444.5	461.2	471.6	482.1	492.3	502.0	510.2
60°	428.4	450.4	473.3	494.5	514.2	532.3	551.0	567.6	582.2	594.3	603.4
57.5°	486.8	513.6	539.5	566.5	591.8	615.5	638.6	660.0	678.5	694.0	706.7
55°	550.0	582.8	613.6	647.8	681.0	711.3	739.2	767.7	793.5	816.2	834.2
52.5°	618.2	660.8	701.6	741.8	784.8	823.7	858.5	898.1	933.2	962.3	984.9
50°	699.7	749.7	803.5	853.4	907.7	961.1	1010.5	1058.2	1104.9	1145.3	1178.0
47.5°	792.4	853.9	920.7	986.8	1054.2	1127.3	1192.5	1253.1	1318.4	1375.1	1420.5
45°	895.4	973.9	1054.5	1147.4	1233.0	1326.9	1413.8	1491.9	1584.5	1666.0	1731.7
42.5°	1009.7	1114.3	1220.3	1337.4	1450.9	1570.1	1696.7	1809.0	1931.8	2048.9	2143.5
40°	1151.5	1276.5	1418.5	1560.1	1723.1	1876.2	2060.6	2228.2	2380.5	2520.1	2634.5
37.5°	1308.9	1469.9	1648.2	1832.7	2055.7	2274.3	2490.2	2694.1	2874.1	3026.9	3155.0
35°	1487.7	1692.2	1908.2	2177.6	2438.9	2700.7	2944.6	3167.4	3363.1	3535.5	3682.1
32.5°	1693.3	1938.7	2241.2	2543.8	2841.8	3130.1	3397.8	3640.8	3855.5	4049.1	4217.7
30°	1909.5	2244.4	2583.9	2915.8	3241.3	3557.0	3850.9	4118.5	4361.2	4576.7	4770.9
27.5°	2184.3	2555.4	2925.5	3283.4	3641.5	3987.0	4305.5	4602.8	4881.2	5124.7	5346.7
25°	2450.0	2860.0	3253.5	3643.6	4033.4	4404.4	4760.5	5096.4	5415.2	5694.7	5942.6
22.5°	2715.7	3144.8	3565.3	3984.8	4403.6	4817.1	5217.0	5601.8	5958.3	6276.6	6555.6
20°	2961.8	3410.4	3860.0	4312.3	4766.2	5218.9	5668.0	6101.0	6498.1	6865.7	7188.6
17.5°	3182.4	3659.5	4136.2	4620.0	5112.0	5603.5	6102.4	6587.8	7041.9	7460.0	7834.6
15°	3377.8	3875.6	4387.6	4909.6	5437.9	5971.8	6516.1	7059.2	7570.4	8045.3	8463.5
12.5°	3548.6	4066.2	4602.8	5157.4	5730.8	6312.4	6906.5	7501.8	8067.6	8616.0	9067.5
10°	3689.6	4228.2	4789.1	5371.9	5976.6	6602.5	7239.8	7880.7	8504.1	9085.7	9602.2
7.5°	3798.4	4357.2	4935.2	5541.3	6175.8	6835.8	7510.9	8191.0	8856.3	9483.0	10054.5
5°	3875.2	4451.1	5036.4	5666.9	6323.4	7007.3	7709.0	8417.7	9113.2	9772.2	10364.4
2.5°	3919.7	4507.5	5095.3	5743.2	6411.2	7111.1	7831.9	8552.3	9266.1	9949.5	10558.1
0°	3931.5	4524.5	5129.1	5751.3	6438.8	7159.7	7854.7	8577.2	9319.1	9993.1	10599.4
-2.5°	3919.7	4507.5	5095.3	5743.2	6411.2	7111.1	7831.9	8552.3	9266.1	9949.5	10558.1
-5°	3875.2	4451.1	5036.4	5666.9	6323.4	7007.3	7709.0	8417.7	9113.2	9772.2	10364.4
-7.5°	3798.4	4357.2	4935.2	5541.3	6175.8	6835.8	7510.9	8191.0	8856.3	9483.0	10054.5
-10°	3689.6	4228.2	4789.1	5371.9	5976.6	6602.5	7239.8	7880.7	8504.1	9085.7	9602.2
-12.5°	3548.6	4066.2	4602.8	5157.4	5730.8	6312.4	6906.5	7501.8	8067.6	8616.0	9067.5
-15°	3377.8	3875.6	4387.6	4909.6	5437.9	5971.8	6516.1	7059.2	7570.4	8045.3	8463.5
-17.5°	3182.4	3659.5	4136.2	4620.0	5112.0	5603.5	6102.4	6587.8	7041.9	7460.0	7834.6
-20°	2961.8	3410.4	3860.0	4312.3	4766.2	5218.9	5668.0	6101.0	6498.1	6865.7	7188.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2715.7	3144.8	3565.3	3984.8	4403.6	4817.1	5217.0	5601.8	5958.3	6276.6	6555.6
-25°	2450.0	2860.0	3253.5	3643.6	4033.4	4404.4	4760.5	5096.4	5415.2	5694.7	5942.6
-27.5°	2184.3	2555.4	2925.5	3283.4	3641.5	3987.0	4305.5	4602.8	4881.2	5124.7	5346.7
-30°	1909.5	2244.4	2583.9	2915.8	3241.3	3557.0	3850.9	4118.5	4361.2	4576.7	4770.9
-32.5°	1693.3	1938.7	2241.2	2543.8	2841.8	3130.1	3397.8	3640.8	3855.5	4049.1	4217.7
-35°	1487.7	1692.2	1908.2	2177.6	2438.9	2700.7	2944.6	3167.4	3363.1	3535.5	3682.1
-37.5°	1308.9	1469.9	1648.2	1832.7	2055.7	2274.3	2490.2	2694.1	2874.1	3026.9	3155.0
-40°	1151.5	1276.5	1418.5	1560.1	1723.1	1876.2	2060.6	2228.2	2380.5	2520.1	2634.5
-42.5°	1009.7	1114.3	1220.3	1337.4	1450.9	1570.1	1696.7	1809.0	1931.8	2048.9	2143.5
-45°	895.4	973.9	1054.5	1147.4	1233.0	1326.9	1413.8	1491.9	1584.5	1666.0	1731.7
-47.5°	792.4	853.9	920.7	986.8	1054.2	1127.3	1192.5	1253.1	1318.4	1375.1	1420.5
-50°	699.7	749.7	803.5	853.4	907.7	961.1	1010.5	1058.2	1104.9	1145.3	1178.0
-52.5°	618.2	660.8	701.6	741.8	784.8	823.7	858.5	898.1	933.2	962.3	984.9
-55°	550.0	582.8	613.6	647.8	681.0	711.3	739.2	767.7	793.5	816.2	834.2
-57.5°	486.8	513.6	539.5	566.5	591.8	615.5	638.6	660.0	678.5	694.0	706.7
-60°	428.4	450.4	473.3	494.5	514.2	532.3	551.0	567.6	582.2	594.3	603.4
-62.5°	373.8	393.8	410.7	427.3	444.5	461.2	471.6	482.1	492.3	502.0	510.2
-65°	317.0	333.5	348.2	360.7	371.2	383.2	393.9	402.1	407.8	412.2	415.9
-67.5°	268.7	279.7	290.5	299.8	309.4	318.5	326.5	333.1	338.4	341.8	343.8
-70°	225.8	235.1	244.2	252.6	260.8	267.2	272.3	276.6	280.2	280.9	280.6
-72.5°	187.1	196.1	204.7	212.9	220.1	224.8	227.9	230.5	232.5	226.2	217.1
-75°	151.9	160.4	168.4	175.7	182.5	186.1	188.3	190.0	191.3	180.3	165.7
-77.5°	121.1	128.2	133.9	139.5	145.0	147.0	148.0	148.8	149.3	138.3	124.7
-80°	87.1	92.5	97.0	101.3	105.4	106.5	106.5	105.9	104.8	95.9	85.8
-82.5°	55.3	57.9	60.2	62.4	64.7	66.2	67.4	68.2	68.8	62.3	54.9
-85°	27.2	27.8	28.2	28.3	28.4	29.3	30.1	30.9	31.6	28.6	25.3
-87.5°	6.1	6.0	5.8	5.6	5.3	5.2	5.1	5.0	4.8	4.5	4.1
-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: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-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°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.1	4.5	4.8	5.0
85°	21.9	18.3	18.0	17.6	18.0	18.3	21.9	25.3	28.6	31.6	30.9
82.5°	47.2	39.2	38.0	36.8	38.0	39.2	47.2	54.9	62.3	68.8	68.2
80°	75.2	64.4	62.2	60.2	62.2	64.4	75.2	85.8	95.9	104.8	105.9
77.5°	110.4	95.4	91.1	87.0	91.1	95.4	110.4	124.7	138.3	149.3	148.8
75°	150.5	134.8	129.6	124.6	129.6	134.8	150.5	165.7	180.3	191.3	190.0
72.5°	207.8	198.3	188.6	178.1	188.6	198.3	207.8	217.1	226.2	232.5	230.5
70°	280.3	279.6	277.2	273.5	277.2	279.6	280.3	280.6	280.9	280.2	276.6
67.5°	344.6	344.4	345.2	345.4	345.2	344.4	344.6	343.8	341.8	338.4	333.1
65°	418.2	419.0	420.7	421.5	420.7	419.0	418.2	415.9	412.2	407.8	402.1
62.5°	516.6	520.8	522.9	522.7	522.9	520.8	516.6	510.2	502.0	492.3	482.1
60°	610.1	614.6	617.3	618.0	617.3	614.6	610.1	603.4	594.3	582.2	567.6
57.5°	716.7	724.0	727.9	728.4	727.9	724.0	716.7	706.7	694.0	678.5	660.0
55°	848.0	857.6	861.9	861.4	861.9	857.6	848.0	834.2	816.2	793.5	767.7
52.5°	1002.0	1013.7	1022.5	1027.8	1022.5	1013.7	1002.0	984.9	962.3	933.2	898.1
50°	1202.5	1219.4	1230.1	1234.4	1230.1	1219.4	1202.5	1178.0	1145.3	1104.9	1058.2
47.5°	1453.4	1475.7	1492.2	1503.7	1492.2	1475.7	1453.4	1420.5	1375.1	1318.4	1253.1
45°	1780.2	1814.2	1837.3	1850.8	1837.3	1814.2	1780.2	1731.7	1666.0	1584.5	1491.9
42.5°	2217.4	2270.2	2302.5	2314.9	2302.5	2270.2	2217.4	2143.5	2048.9	1931.8	1809.0
40°	2724.9	2788.3	2829.8	2858.5	2829.8	2788.3	2724.9	2634.5	2520.1	2380.5	2228.2
37.5°	3253.4	3320.0	3360.5	3387.9	3360.5	3320.0	3253.4	3155.0	3026.9	2874.1	2694.1
35°	3792.6	3862.3	3900.3	3921.5	3900.3	3862.3	3792.6	3682.1	3535.5	3363.1	3167.4
32.5°	4346.2	4422.9	4464.2	4506.9	4464.2	4422.9	4346.2	4217.7	4049.1	3855.5	3640.8
30°	4924.3	5012.4	5055.6	5076.4	5055.6	5012.4	4924.3	4770.9	4576.7	4361.2	4118.5
27.5°	5525.9	5635.7	5689.8	5725.4	5689.8	5635.7	5525.9	5346.7	5124.7	4881.2	4602.8
25°	6151.9	6287.9	6349.9	6405.3	6349.9	6287.9	6151.9	5942.6	5694.7	5415.2	5096.4
22.5°	6801.4	6970.8	7042.5	7081.9	7042.5	6970.8	6801.4	6555.6	6276.6	5958.3	5601.8
20°	7467.8	7670.2	7769.9	7821.2	7769.9	7670.2	7467.8	7188.6	6865.7	6498.1	6101.0
17.5°	8149.3	8401.1	8530.1	8559.7	8530.1	8401.1	8149.3	7834.6	7460.0	7041.9	6587.8
15°	8818.3	9090.6	9243.1	9299.0	9243.1	9090.6	8818.3	8463.5	8045.3	7570.4	7059.2
12.5°	9451.9	9734.2	9916.3	9948.8	9916.3	9734.2	9451.9	9067.5	8616.0	8067.6	7501.8
10°	10026.5	10318.9	10520.1	10566.0	10520.1	10318.9	10026.5	9602.2	9085.7	8504.1	7880.7
7.5°	10506.9	10827.7	11050.0	11088.7	11050.0	10827.7	10506.9	10054.5	9483.0	8856.3	8191.0
5°	10858.3	11239.2	11421.7	11467.5	11421.7	11239.2	10858.3	10364.4	9772.2	9113.2	8417.7
2.5°	11051.1	11438.9	11692.5	11663.2	11692.5	11438.9	11051.1	10558.1	9949.5	9266.1	8552.3
0°	11072.8	11478.4	11720.9	11833.0	11720.9	11478.4	11072.8	10599.4	9993.1	9319.1	8577.2
-2.5°	11051.1	11438.9	11692.5	11663.2	11692.5	11438.9	11051.1	10558.1	9949.5	9266.1	8552.3
-5°	10858.3	11239.2	11421.7	11467.5	11421.7	11239.2	10858.3	10364.4	9772.2	9113.2	8417.7
-7.5°	10506.9	10827.7	11050.0	11088.7	11050.0	10827.7	10506.9	10054.5	9483.0	8856.3	8191.0
-10°	10026.5	10318.9	10520.1	10566.0	10520.1	10318.9	10026.5	9602.2	9085.7	8504.1	7880.7
-12.5°	9451.9	9734.2	9916.3	9948.8	9916.3	9734.2	9451.9	9067.5	8616.0	8067.6	7501.8
-15°	8818.3	9090.6	9243.1	9299.0	9243.1	9090.6	8818.3	8463.5	8045.3	7570.4	7059.2
-17.5°	8149.3	8401.1	8530.1	8559.7	8530.1	8401.1	8149.3	7834.6	7460.0	7041.9	6587.8
-20°	7467.8	7670.2	7769.9	7821.2	7769.9	7670.2	7467.8	7188.6	6865.7	6498.1	6101.0



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6801.4	6970.8	7042.5	7081.9	7042.5	6970.8	6801.4	6555.6	6276.6	5958.3	5601.8
-25°	6151.9	6287.9	6349.9	6405.3	6349.9	6287.9	6151.9	5942.6	5694.7	5415.2	5096.4
-27.5°	5525.9	5635.7	5689.8	5725.4	5689.8	5635.7	5525.9	5346.7	5124.7	4881.2	4602.8
-30°	4924.3	5012.4	5055.6	5076.4	5055.6	5012.4	4924.3	4770.9	4576.7	4361.2	4118.5
-32.5°	4346.2	4422.9	4464.2	4506.9	4464.2	4422.9	4346.2	4217.7	4049.1	3855.5	3640.8
-35°	3792.6	3862.3	3900.3	3921.5	3900.3	3862.3	3792.6	3682.1	3535.5	3363.1	3167.4
-37.5°	3253.4	3320.0	3360.5	3387.9	3360.5	3320.0	3253.4	3155.0	3026.9	2874.1	2694.1
-40°	2724.9	2788.3	2829.8	2858.5	2829.8	2788.3	2724.9	2634.5	2520.1	2380.5	2228.2
-42.5°	2217.4	2270.2	2302.5	2314.9	2302.5	2270.2	2217.4	2143.5	2048.9	1931.8	1809.0
-45°	1780.2	1814.2	1837.3	1850.8	1837.3	1814.2	1780.2	1731.7	1666.0	1584.5	1491.9
-47.5°	1453.4	1475.7	1492.2	1503.7	1492.2	1475.7	1453.4	1420.5	1375.1	1318.4	1253.1
-50°	1202.5	1219.4	1230.1	1234.4	1230.1	1219.4	1202.5	1178.0	1145.3	1104.9	1058.2
-52.5°	1002.0	1013.7	1022.5	1027.8	1022.5	1013.7	1002.0	984.9	962.3	933.2	898.1
-55°	848.0	857.6	861.9	861.4	861.9	857.6	848.0	834.2	816.2	793.5	767.7
-57.5°	716.7	724.0	727.9	728.4	727.9	724.0	716.7	706.7	694.0	678.5	660.0
-60°	610.1	614.6	617.3	618.0	617.3	614.6	610.1	603.4	594.3	582.2	567.6
-62.5°	516.6	520.8	522.9	522.7	522.9	520.8	516.6	510.2	502.0	492.3	482.1
-65°	418.2	419.0	420.7	421.5	420.7	419.0	418.2	415.9	412.2	407.8	402.1
-67.5°	344.6	344.4	345.2	345.4	345.2	344.4	344.6	343.8	341.8	338.4	333.1
-70°	280.3	279.6	277.2	273.5	277.2	279.6	280.3	280.6	280.9	280.2	276.6
-72.5°	207.8	198.3	188.6	178.1	188.6	198.3	207.8	217.1	226.2	232.5	230.5
-75°	150.5	134.8	129.6	124.6	129.6	134.8	150.5	165.7	180.3	191.3	190.0
-77.5°	110.4	95.4	91.1	87.0	91.1	95.4	110.4	124.7	138.3	149.3	148.8
-80°	75.2	64.4	62.2	60.2	62.2	64.4	75.2	85.8	95.9	104.8	105.9
-82.5°	47.2	39.2	38.0	36.8	38.0	39.2	47.2	54.9	62.3	68.8	68.2
-85°	21.9	18.3	18.0	17.6	18.0	18.3	21.9	25.3	28.6	31.6	30.9
-87.5°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.1	4.5	4.8	5.0
-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: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-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°	5.1	5.2	5.3	5.6	5.8	6.0	6.1	5.9	5.7	5.5	5.3
85°	30.1	29.3	28.4	28.3	28.2	27.8	27.2	24.4	21.7	19.2	16.9
82.5°	67.4	66.2	64.7	62.4	60.2	57.9	55.3	49.4	43.8	38.4	33.9
80°	106.5	106.5	105.4	101.3	97.0	92.5	87.1	77.7	68.7	60.4	54.5
77.5°	148.0	147.0	145.0	139.5	133.9	128.2	121.1	109.0	97.0	85.5	78.0
75°	188.3	186.1	182.5	175.7	168.4	160.4	151.9	141.5	129.6	116.0	106.2
72.5°	227.9	224.8	220.1	212.9	204.7	196.1	187.1	176.9	165.2	151.9	141.9
70°	272.3	267.2	260.8	252.6	244.2	235.1	225.8	215.3	203.2	189.9	179.4
67.5°	326.5	318.5	309.4	299.8	290.5	279.7	268.7	256.8	244.5	230.6	217.4
65°	393.9	383.2	371.2	360.7	348.2	333.5	317.0	302.5	288.2	272.6	255.2
62.5°	471.6	461.2	444.5	427.3	410.7	393.8	373.8	353.6	334.1	314.5	294.2
60°	551.0	532.3	514.2	494.5	473.3	450.4	428.4	405.4	381.2	357.6	333.4
57.5°	638.6	615.5	591.8	566.5	539.5	513.6	486.8	458.0	430.6	402.0	373.0
55°	739.2	711.3	681.0	647.8	613.6	582.8	550.0	517.2	483.9	447.8	415.8
52.5°	858.5	823.7	784.8	741.8	701.6	660.8	618.2	580.9	540.3	500.2	460.3
50°	1010.5	961.1	907.7	853.4	803.5	749.7	699.7	650.6	601.4	555.0	508.6
47.5°	1192.5	1127.3	1054.2	986.8	920.7	853.9	792.4	727.4	671.0	612.6	561.1
45°	1413.8	1326.9	1233.0	1147.4	1054.5	973.9	895.4	820.8	746.6	680.6	614.9
42.5°	1696.7	1570.1	1450.9	1337.4	1220.3	1114.3	1009.7	921.3	834.3	752.6	678.4
40°	2060.6	1876.2	1723.1	1560.1	1418.5	1276.5	1151.5	1028.9	930.0	833.3	742.8
37.5°	2490.2	2274.3	2055.7	1832.7	1648.2	1469.9	1308.9	1164.6	1030.2	920.2	815.7
35°	2944.6	2700.7	2438.9	2177.6	1908.2	1692.2	1487.7	1309.8	1153.0	1011.1	890.8
32.5°	3397.8	3130.1	2841.8	2543.8	2241.2	1938.7	1693.3	1473.1	1276.7	1115.2	972.8
30°	3850.9	3557.0	3241.3	2915.8	2583.9	2244.4	1909.5	1652.2	1421.7	1219.1	1055.3
27.5°	4305.5	3987.0	3641.5	3283.4	2925.5	2555.4	2184.3	1837.0	1567.8	1338.9	1145.9
25°	4760.5	4404.4	4033.4	3643.6	3253.5	2860.0	2450.0	2062.9	1731.7	1458.7	1229.4
22.5°	5217.0	4817.1	4403.6	3984.8	3565.3	3144.8	2715.7	2284.2	1887.0	1580.5	1327.1
20°	5668.0	5218.9	4766.2	4312.3	3860.0	3410.4	2961.8	2501.1	2069.5	1706.7	1418.3
17.5°	6102.4	5603.5	5112.0	4620.0	4136.2	3659.5	3182.4	2701.3	2232.5	1819.1	1498.8
15°	6516.1	5971.8	5437.9	4909.6	4387.6	3875.6	3377.8	2877.0	2380.6	1936.2	1587.1
12.5°	6906.5	6312.4	5730.8	5157.4	4602.8	4066.2	3548.6	3031.4	2520.2	2050.3	1665.8
10°	7239.8	6602.5	5976.6	5371.9	4789.1	4228.2	3689.6	3161.9	2639.9	2145.2	1730.2
7.5°	7510.9	6835.8	6175.8	5541.3	4935.2	4357.2	3798.4	3262.1	2734.7	2219.5	1779.9
5°	7709.0	7007.3	6323.4	5666.9	5036.4	4451.1	3875.2	3330.6	2803.4	2272.3	1814.6
2.5°	7831.9	7111.1	6411.2	5743.2	5095.3	4507.5	3919.7	3372.0	2842.6	2301.3	1836.4
0°	7854.7	7159.7	6438.8	5751.3	5129.1	4524.5	3931.5	3387.1	2852.7	2307.4	1843.2
-2.5°	7831.9	7111.1	6411.2	5743.2	5095.3	4507.5	3919.7	3372.0	2842.6	2301.3	1836.4
-5°	7709.0	7007.3	6323.4	5666.9	5036.4	4451.1	3875.2	3330.6	2803.4	2272.3	1814.6
-7.5°	7510.9	6835.8	6175.8	5541.3	4935.2	4357.2	3798.4	3262.1	2734.7	2219.5	1779.9
-10°	7239.8	6602.5	5976.6	5371.9	4789.1	4228.2	3689.6	3161.9	2639.9	2145.2	1730.2
-12.5°	6906.5	6312.4	5730.8	5157.4	4602.8	4066.2	3548.6	3031.4	2520.2	2050.3	1665.8
-15°	6516.1	5971.8	5437.9	4909.6	4387.6	3875.6	3377.8	2877.0	2380.6	1936.2	1587.1
-17.5°	6102.4	5603.5	5112.0	4620.0	4136.2	3659.5	3182.4	2701.3	2232.5	1819.1	1498.8
-20°	5668.0	5218.9	4766.2	4312.3	3860.0	3410.4	2961.8	2501.1	2069.5	1706.7	1418.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5217.0	4817.1	4403.6	3984.8	3565.3	3144.8	2715.7	2284.2	1887.0	1580.5	1327.1
-25°	4760.5	4404.4	4033.4	3643.6	3253.5	2860.0	2450.0	2062.9	1731.7	1458.7	1229.4
-27.5°	4305.5	3987.0	3641.5	3283.4	2925.5	2555.4	2184.3	1837.0	1567.8	1338.9	1145.9
-30°	3850.9	3557.0	3241.3	2915.8	2583.9	2244.4	1909.5	1652.2	1421.7	1219.1	1055.3
-32.5°	3397.8	3130.1	2841.8	2543.8	2241.2	1938.7	1693.3	1473.1	1276.7	1115.2	972.8
-35°	2944.6	2700.7	2438.9	2177.6	1908.2	1692.2	1487.7	1309.8	1153.0	1011.1	890.8
-37.5°	2490.2	2274.3	2055.7	1832.7	1648.2	1469.9	1308.9	1164.6	1030.2	920.2	815.7
-40°	2060.6	1876.2	1723.1	1560.1	1418.5	1276.5	1151.5	1028.9	930.0	833.3	742.8
-42.5°	1696.7	1570.1	1450.9	1337.4	1220.3	1114.3	1009.7	921.3	834.3	752.6	678.4
-45°	1413.8	1326.9	1233.0	1147.4	1054.5	973.9	895.4	820.8	746.6	680.6	614.9
-47.5°	1192.5	1127.3	1054.2	986.8	920.7	853.9	792.4	727.4	671.0	612.6	561.1
-50°	1010.5	961.1	907.7	853.4	803.5	749.7	699.7	650.6	601.4	555.0	508.6
-52.5°	858.5	823.7	784.8	741.8	701.6	660.8	618.2	580.9	540.3	500.2	460.3
-55°	739.2	711.3	681.0	647.8	613.6	582.8	550.0	517.2	483.9	447.8	415.8
-57.5°	638.6	615.5	591.8	566.5	539.5	513.6	486.8	458.0	430.6	402.0	373.0
-60°	551.0	532.3	514.2	494.5	473.3	450.4	428.4	405.4	381.2	357.6	333.4
-62.5°	471.6	461.2	444.5	427.3	410.7	393.8	373.8	353.6	334.1	314.5	294.2
-65°	393.9	383.2	371.2	360.7	348.2	333.5	317.0	302.5	288.2	272.6	255.2
-67.5°	326.5	318.5	309.4	299.8	290.5	279.7	268.7	256.8	244.5	230.6	217.4
-70°	272.3	267.2	260.8	252.6	244.2	235.1	225.8	215.3	203.2	189.9	179.4
-72.5°	227.9	224.8	220.1	212.9	204.7	196.1	187.1	176.9	165.2	151.9	141.9
-75°	188.3	186.1	182.5	175.7	168.4	160.4	151.9	141.5	129.6	116.0	106.2
-77.5°	148.0	147.0	145.0	139.5	133.9	128.2	121.1	109.0	97.0	85.5	78.0
-80°	106.5	106.5	105.4	101.3	97.0	92.5	87.1	77.7	68.7	60.4	54.5
-82.5°	67.4	66.2	64.7	62.4	60.2	57.9	55.3	49.4	43.8	38.4	33.9
-85°	30.1	29.3	28.4	28.3	28.2	27.8	27.2	24.4	21.7	19.2	16.9
-87.5°	5.1	5.2	5.3	5.6	5.8	6.0	6.1	5.9	5.7	5.5	5.3
-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: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-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°	5.9	6.4	6.9	7.2	7.4	7.5	7.5	7.4	7.1	6.7	6.2
85°	17.7	18.1	18.0	17.5	16.3	15.1	15.1	14.9	14.3	13.4	12.4
82.5°	35.2	36.3	36.9	36.7	34.4	32.0	29.5	26.8	23.9	20.6	18.7
80°	56.6	57.8	58.2	57.3	53.3	48.9	45.2	41.3	37.5	33.2	28.3
77.5°	79.6	80.6	80.8	79.3	74.2	68.6	62.7	56.4	51.1	45.7	39.7
75°	104.4	104.7	104.5	101.8	95.5	88.3	81.1	73.3	65.5	58.3	51.1
72.5°	136.6	132.2	128.9	124.6	117.6	109.5	100.3	89.9	80.1	70.8	62.2
70°	170.2	161.0	153.8	147.1	139.4	130.9	120.7	107.6	94.4	83.2	72.7
67.5°	205.4	193.9	182.3	170.2	160.7	151.1	140.7	125.1	109.2	95.3	83.0
65°	239.6	225.4	212.3	196.6	182.8	171.1	159.3	141.6	123.5	107.3	93.0
62.5°	274.1	255.0	238.6	221.6	205.0	190.4	177.2	157.0	137.2	118.7	102.6
60°	309.5	287.2	264.8	245.2	226.4	208.7	192.3	171.9	150.5	129.7	111.6
57.5°	346.2	319.4	293.9	269.4	247.5	227.1	206.8	185.7	163.3	140.7	119.7
55°	383.2	352.9	322.9	294.9	269.0	245.8	221.8	198.8	175.6	151.6	126.2
52.5°	423.0	387.4	353.6	320.9	291.3	264.0	237.9	211.7	187.3	162.0	133.3
50°	465.1	424.1	385.4	348.7	313.3	283.0	253.6	225.8	198.7	172.0	139.9
47.5°	509.3	462.9	418.8	376.8	338.4	301.4	270.0	239.7	209.8	181.9	145.9
45°	558.1	502.8	453.2	407.1	362.4	322.3	286.2	253.1	221.8	189.0	151.4
42.5°	607.0	545.9	488.9	436.4	388.6	343.3	301.7	266.9	233.4	195.5	156.7
40°	663.5	589.9	524.8	467.9	414.5	363.4	319.5	280.3	244.2	201.9	161.9
37.5°	718.5	637.3	563.9	497.9	440.0	386.1	336.8	293.0	252.7	209.0	166.5
35°	783.4	686.2	601.2	529.7	466.2	407.8	353.0	306.0	262.0	215.8	170.7
32.5°	846.4	736.0	643.1	562.3	491.0	428.2	370.3	319.4	271.4	222.2	174.3
30°	915.6	790.2	682.7	592.7	515.6	449.3	387.6	331.9	281.0	228.3	177.9
27.5°	982.1	840.2	721.2	625.0	541.6	469.0	403.7	343.7	290.6	234.6	182.3
25°	1048.0	894.1	763.6	655.8	565.5	486.9	418.5	354.6	300.0	241.7	186.2
22.5°	1119.5	946.3	801.9	683.4	587.2	503.2	432.5	366.7	308.7	248.5	189.7
20°	1185.3	993.4	836.0	709.9	608.6	520.9	445.7	377.4	316.4	254.8	192.6
17.5°	1247.3	1041.4	874.1	738.5	628.9	536.4	457.3	386.9	323.3	260.7	195.0
15°	1312.4	1089.0	908.4	763.2	646.5	549.9	467.2	395.0	329.2	266.0	197.2
12.5°	1367.9	1129.2	937.2	784.1	661.3	561.1	475.5	401.8	334.1	270.4	199.3
10°	1413.8	1161.9	960.4	800.9	673.1	570.1	482.1	407.2	338.2	273.9	200.4
7.5°	1449.4	1186.9	978.0	813.6	682.3	577.2	487.7	411.5	341.4	276.3	200.6
5°	1474.3	1204.3	990.9	822.6	689.2	582.2	491.6	414.3	343.6	277.7	200.0
2.5°	1487.4	1214.1	998.8	827.4	693.1	585.0	493.8	415.7	344.7	277.8	198.6
0°	1489.5	1216.0	1001.1	828.0	694.1	585.4	494.3	415.6	344.6	276.8	196.5
-2.5°	1487.4	1214.1	998.8	827.4	693.1	585.0	493.8	415.7	344.7	277.8	198.6
-5°	1474.3	1204.3	990.9	822.6	689.2	582.2	491.6	414.3	343.6	277.7	200.0
-7.5°	1449.4	1186.9	978.0	813.6	682.3	577.2	487.7	411.5	341.4	276.3	200.6
-10°	1413.8	1161.9	960.4	800.9	673.1	570.1	482.1	407.2	338.2	273.9	200.4
-12.5°	1367.9	1129.2	937.2	784.1	661.3	561.1	475.5	401.8	334.1	270.4	199.3
-15°	1312.4	1089.0	908.4	763.2	646.5	549.9	467.2	395.0	329.2	266.0	197.2
-17.5°	1247.3	1041.4	874.1	738.5	628.9	536.4	457.3	386.9	323.3	260.7	195.0
-20°	1185.3	993.4	836.0	709.9	608.6	520.9	445.7	377.4	316.4	254.8	192.6



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1119.5	946.3	801.9	683.4	587.2	503.2	432.5	366.7	308.7	248.5	189.7
-25°	1048.0	894.1	763.6	655.8	565.5	486.9	418.5	354.6	300.0	241.7	186.2
-27.5°	982.1	840.2	721.2	625.0	541.6	469.0	403.7	343.7	290.6	234.6	182.3
-30°	915.6	790.2	682.7	592.7	515.6	449.3	387.6	331.9	281.0	228.3	177.9
-32.5°	846.4	736.0	643.1	562.3	491.0	428.2	370.3	319.4	271.4	222.2	174.3
-35°	783.4	686.2	601.2	529.7	466.2	407.8	353.0	306.0	262.0	215.8	170.7
-37.5°	718.5	637.3	563.9	497.9	440.0	386.1	336.8	293.0	252.7	209.0	166.5
-40°	663.5	589.9	524.8	467.9	414.5	363.4	319.5	280.3	244.2	201.9	161.9
-42.5°	607.0	545.9	488.9	436.4	388.6	343.3	301.7	266.9	233.4	195.5	156.7
-45°	558.1	502.8	453.2	407.1	362.4	322.3	286.2	253.1	221.8	189.0	151.4
-47.5°	509.3	462.9	418.8	376.8	338.4	301.4	270.0	239.7	209.8	181.9	145.9
-50°	465.1	424.1	385.4	348.7	313.3	283.0	253.6	225.8	198.7	172.0	139.9
-52.5°	423.0	387.4	353.6	320.9	291.3	264.0	237.9	211.7	187.3	162.0	133.3
-55°	383.2	352.9	322.9	294.9	269.0	245.8	221.8	198.8	175.6	151.6	126.2
-57.5°	346.2	319.4	293.9	269.4	247.5	227.1	206.8	185.7	163.3	140.7	119.7
-60°	309.5	287.2	264.8	245.2	226.4	208.7	192.3	171.9	150.5	129.7	111.6
-62.5°	274.1	255.0	238.6	221.6	205.0	190.4	177.2	157.0	137.2	118.7	102.6
-65°	239.6	225.4	212.3	196.6	182.8	171.1	159.3	141.6	123.5	107.3	93.0
-67.5°	205.4	193.9	182.3	170.2	160.7	151.1	140.7	125.1	109.2	95.3	83.0
-70°	170.2	161.0	153.8	147.1	139.4	130.9	120.7	107.6	94.4	83.2	72.7
-72.5°	136.6	132.2	128.9	124.6	117.6	109.5	100.3	89.9	80.1	70.8	62.2
-75°	104.4	104.7	104.5	101.8	95.5	88.3	81.1	73.3	65.5	58.3	51.1
-77.5°	79.6	80.6	80.8	79.3	74.2	68.6	62.7	56.4	51.1	45.7	39.7
-80°	56.6	57.8	58.2	57.3	53.3	48.9	45.2	41.3	37.5	33.2	28.3
-82.5°	35.2	36.3	36.9	36.7	34.4	32.0	29.5	26.8	23.9	20.6	18.7
-85°	17.7	18.1	18.0	17.5	16.3	15.1	15.1	14.9	14.3	13.4	12.4
-87.5°	5.9	6.4	6.9	7.2	7.4	7.5	7.5	7.4	7.1	6.7	6.2
-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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Scaled Data Report



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-WR-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°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
85°	11.2	8.7	6.5	4.5	2.8	1.2	0.0
82.5°	16.7	13.1	9.7	6.8	4.1	1.8	0.0
80°	22.8	17.4	12.9	9.0	5.5	2.4	0.0
77.5°	32.5	22.6	16.1	11.2	6.8	3.0	0.0
75°	42.0	29.5	19.5	13.3	8.1	3.6	0.0
72.5°	51.2	36.3	24.1	15.4	9.4	4.1	0.0
70°	59.9	42.8	28.6	17.6	10.7	4.7	0.0
67.5°	67.5	49.0	32.9	20.4	11.9	5.2	0.0
65°	74.6	54.6	37.0	23.0	13.1	5.7	0.0
62.5°	81.4	59.8	40.9	25.5	14.2	6.3	0.0
60°	87.8	64.7	44.5	27.8	15.3	6.8	0.0
57.5°	93.5	69.3	47.8	30.0	16.6	7.2	0.0
55°	98.8	73.4	50.9	32.0	17.9	7.7	0.0
52.5°	103.6	77.3	53.8	33.9	19.2	8.1	0.0
50°	108.0	80.8	56.4	35.5	20.3	8.6	0.0
47.5°	112.1	84.0	58.7	37.0	21.5	8.9	0.0
45°	116.7	86.8	60.8	38.6	22.5	9.3	0.0
42.5°	120.8	89.2	62.6	39.9	23.5	9.7	0.0
40°	124.3	91.2	64.1	41.4	24.5	10.0	0.0
37.5°	127.4	92.9	65.6	42.9	25.3	10.3	0.0
35°	130.0	94.8	66.7	44.2	26.1	10.6	0.0
32.5°	132.3	96.6	67.6	45.5	26.9	10.8	0.0
30°	134.9	98.0	68.2	46.6	27.6	11.0	0.0
27.5°	137.0	99.0	69.6	47.6	28.2	11.2	0.0
25°	138.7	99.6	71.0	48.5	28.7	11.4	0.0
22.5°	139.9	100.4	72.3	49.2	29.2	11.6	0.0
20°	140.5	102.2	73.3	49.8	29.6	11.7	0.0
17.5°	142.1	103.7	74.2	50.3	29.9	11.8	0.0
15°	144.0	104.9	74.9	50.7	30.1	11.8	0.0
12.5°	145.4	105.8	75.5	50.9	30.3	11.9	0.0
10°	146.2	106.3	75.8	51.0	30.4	11.9	0.0
7.5°	146.6	106.6	76.0	51.0	30.4	11.9	0.0
5°	146.4	106.5	75.9	50.8	30.4	11.8	0.0
2.5°	145.8	106.1	75.7	50.6	30.3	11.8	0.0
0°	144.7	105.4	75.3	50.2	30.1	11.7	0.0
-2.5°	145.8	106.1	75.7	50.6	30.3	11.8	0.0
-5°	146.4	106.5	75.9	50.8	30.4	11.8	0.0
-7.5°	146.6	106.6	76.0	51.0	30.4	11.9	0.0
-10°	146.2	106.3	75.8	51.0	30.4	11.9	0.0
-12.5°	145.4	105.8	75.5	50.9	30.3	11.9	0.0
-15°	144.0	104.9	74.9	50.7	30.1	11.8	0.0
-17.5°	142.1	103.7	74.2	50.3	29.9	11.8	0.0
-20°	140.5	102.2	73.3	49.8	29.6	11.7	0.0

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Scaled Data Report



REPORT NUMBER: P627083 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	139.9	100.4	72.3	49.2	29.2	11.6	0.0
-25°	138.7	99.6	71.0	48.5	28.7	11.4	0.0
-27.5°	137.0	99.0	69.6	47.6	28.2	11.2	0.0
-30°	134.9	98.0	68.2	46.6	27.6	11.0	0.0
-32.5°	132.3	96.6	67.6	45.5	26.9	10.8	0.0
-35°	130.0	94.8	66.7	44.2	26.1	10.6	0.0
-37.5°	127.4	92.9	65.6	42.9	25.3	10.3	0.0
-40°	124.3	91.2	64.1	41.4	24.5	10.0	0.0
-42.5°	120.8	89.2	62.6	39.9	23.5	9.7	0.0
-45°	116.7	86.8	60.8	38.6	22.5	9.3	0.0
-47.5°	112.1	84.0	58.7	37.0	21.5	8.9	0.0
-50°	108.0	80.8	56.4	35.5	20.3	8.6	0.0
-52.5°	103.6	77.3	53.8	33.9	19.2	8.1	0.0
-55°	98.8	73.4	50.9	32.0	17.9	7.7	0.0
-57.5°	93.5	69.3	47.8	30.0	16.6	7.2	0.0
-60°	87.8	64.7	44.5	27.8	15.3	6.8	0.0
-62.5°	81.4	59.8	40.9	25.5	14.2	6.3	0.0
-65°	74.6	54.6	37.0	23.0	13.1	5.7	0.0
-67.5°	67.5	49.0	32.9	20.4	11.9	5.2	0.0
-70°	59.9	42.8	28.6	17.6	10.7	4.7	0.0
-72.5°	51.2	36.3	24.1	15.4	9.4	4.1	0.0
-75°	42.0	29.5	19.5	13.3	8.1	3.6	0.0
-77.5°	32.5	22.6	16.1	11.2	6.8	3.0	0.0
-80°	22.8	17.4	12.9	9.0	5.5	2.4	0.0
-82.5°	16.7	13.1	9.7	6.8	4.1	1.8	0.0
-85°	11.2	8.7	6.5	4.5	2.8	1.2	0.0
-87.5°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)