

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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627293 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-740-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N79
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

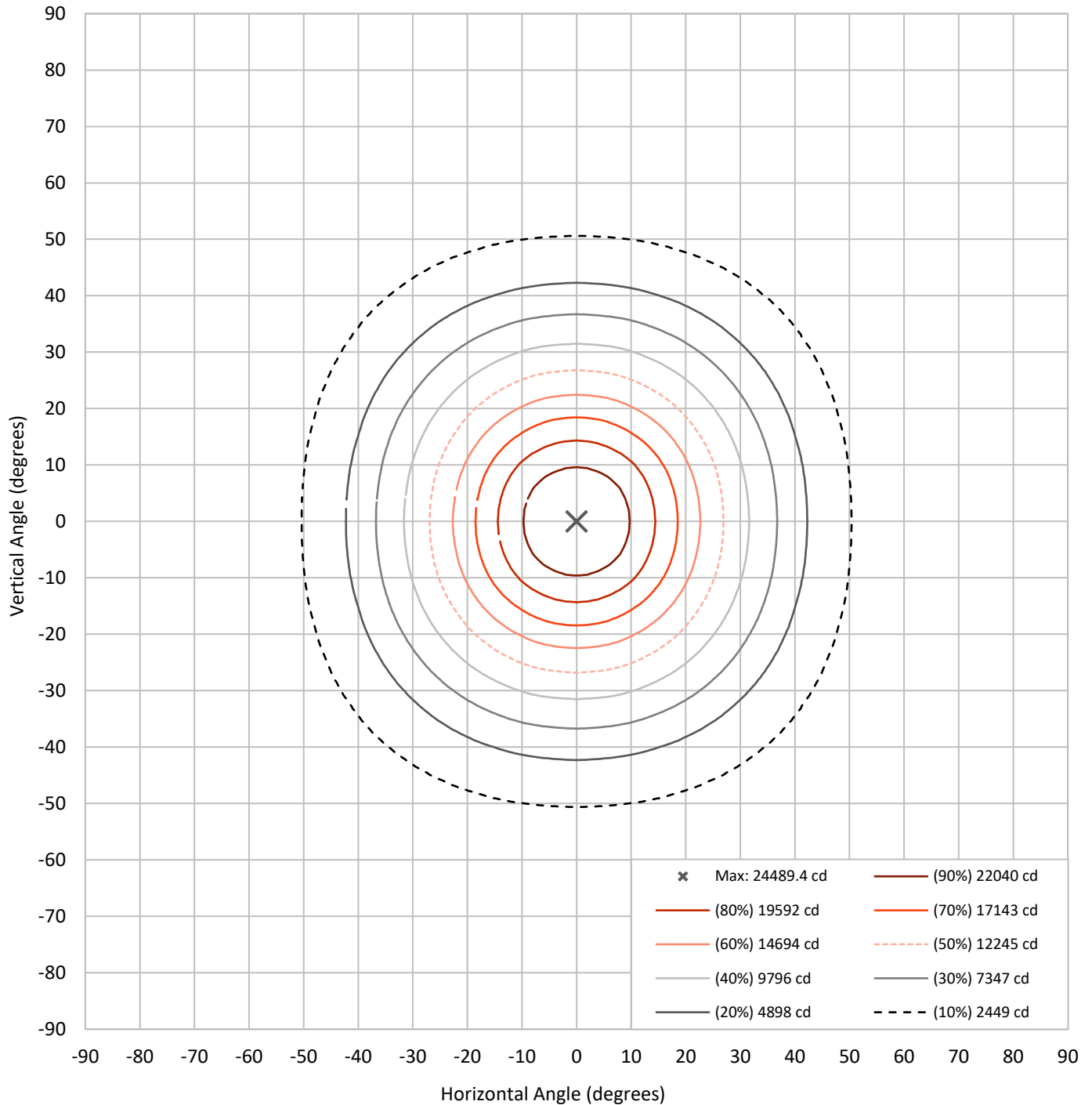
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24924.4 lumens	Max Intensity:	24489.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.6 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:	11917.4 lumens	Field Lumens:	21996.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	185.2		
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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

Iso-Candela Plot





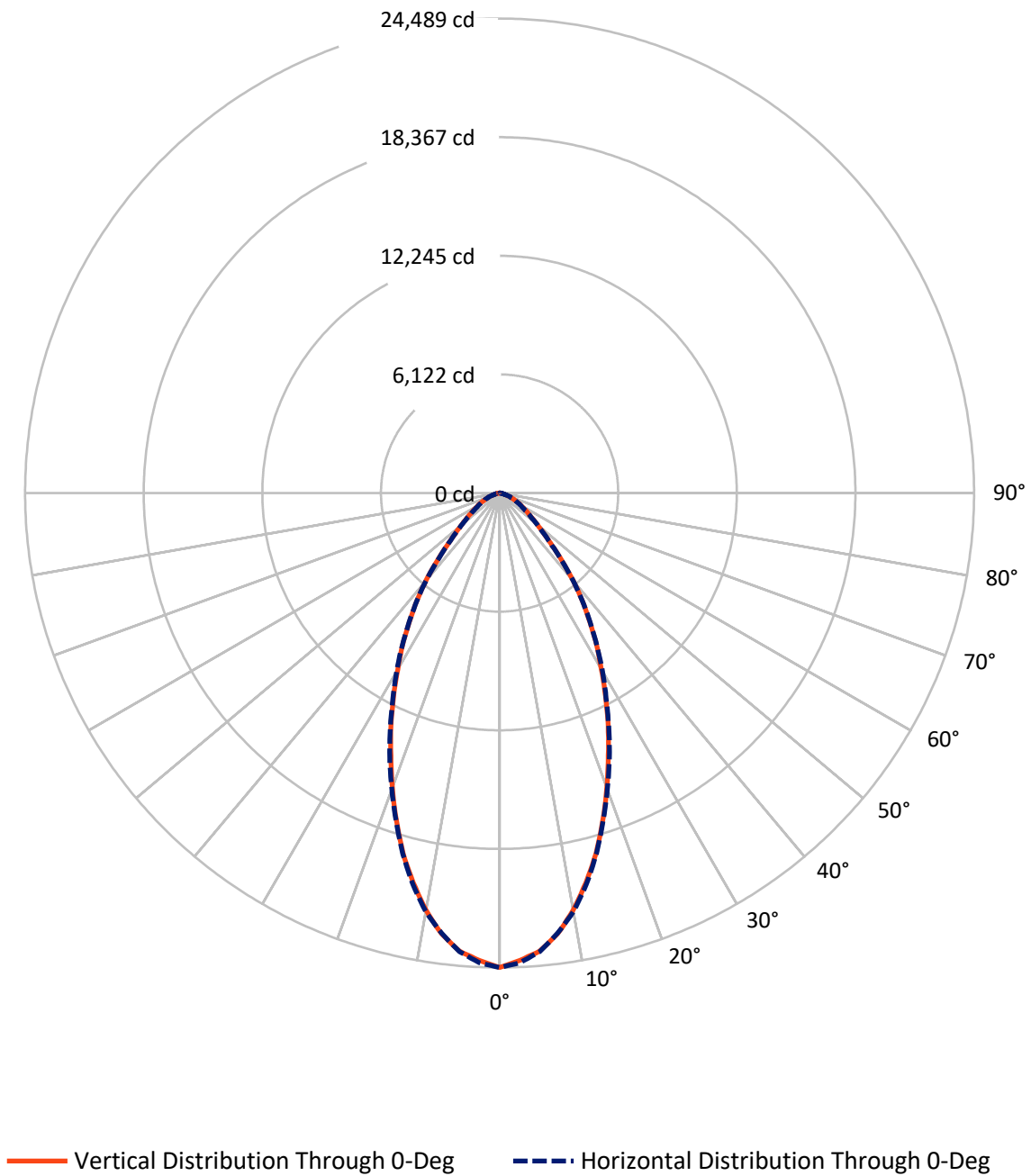
REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

Lumen Table

90																			
80	1.0	6.9		15.7		26.1		22.3		26.1		15.7		6.9		1.0			
70																			
60	3.2	3.8	7.1	11.5	16.6	21.6	25.3	27.1	27.1	25.3	21.6	16.6	11.5	7.1	3.8	3.2			
50		5.4	10.8	18.7	28.7	39.5	49.2	54.9	54.9	49.2	39.5	28.7	18.7	10.8	5.4				
40	4.8	6.9	14.9	27.9	47.1	72.3	99.7	118.0	118.0	99.7	72.3	47.1	27.9	14.9	6.9	4.8			
30		8.3	19.6	40.6	79.0	140.3	203.8	241.7	241.7	203.8	140.3	79.0	40.6	19.6	8.3				
20	5.6	9.7	24.4	56.8	127.7	229.6	328.5	392.6	392.6	328.5	229.6	127.7	56.8	24.4	9.7	5.6			
10		10.8	28.6	73.7	174.3	310.0	457.7	563.0	563.0	457.7	310.0	174.3	73.7	28.6	10.8				
0	5.9	11.4	31.0	84.6	200.7	360.4	548.4	689.7	689.7	548.4	360.4	200.7	84.6	31.0	11.4	5.9			
-10		11.4	31.0	84.6	200.7	360.4	548.4	689.7	689.7	548.4	360.4	200.7	84.6	31.0	11.4				
-20	5.6	10.8	28.6	73.7	174.3	310.0	457.7	563.0	563.0	457.7	310.0	174.3	73.7	28.6	10.8	5.6			
-30		9.7	24.4	56.8	127.7	229.6	328.5	392.6	392.6	328.5	229.6	127.7	56.8	24.4	9.7				
-40	4.8	8.3	19.6	40.6	79.0	140.3	203.8	241.7	241.7	203.8	140.3	79.0	40.6	19.6	8.3	4.8			
-50		6.9	14.9	27.9	47.1	72.3	99.7	118.0	118.0	99.7	72.3	47.1	27.9	14.9	6.9				
-60	3.2	5.4	10.8	18.7	28.7	39.5	49.2	54.9	54.9	49.2	39.5	28.7	18.7	10.8	5.4	3.2			
-70		3.8	7.1	11.5	16.6	21.6	25.3	27.1	27.1	25.3	21.6	16.6	11.5	7.1	3.8				
-80																			
-90	1.0	6.9		15.7		26.1		22.3		26.1		15.7		6.9		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

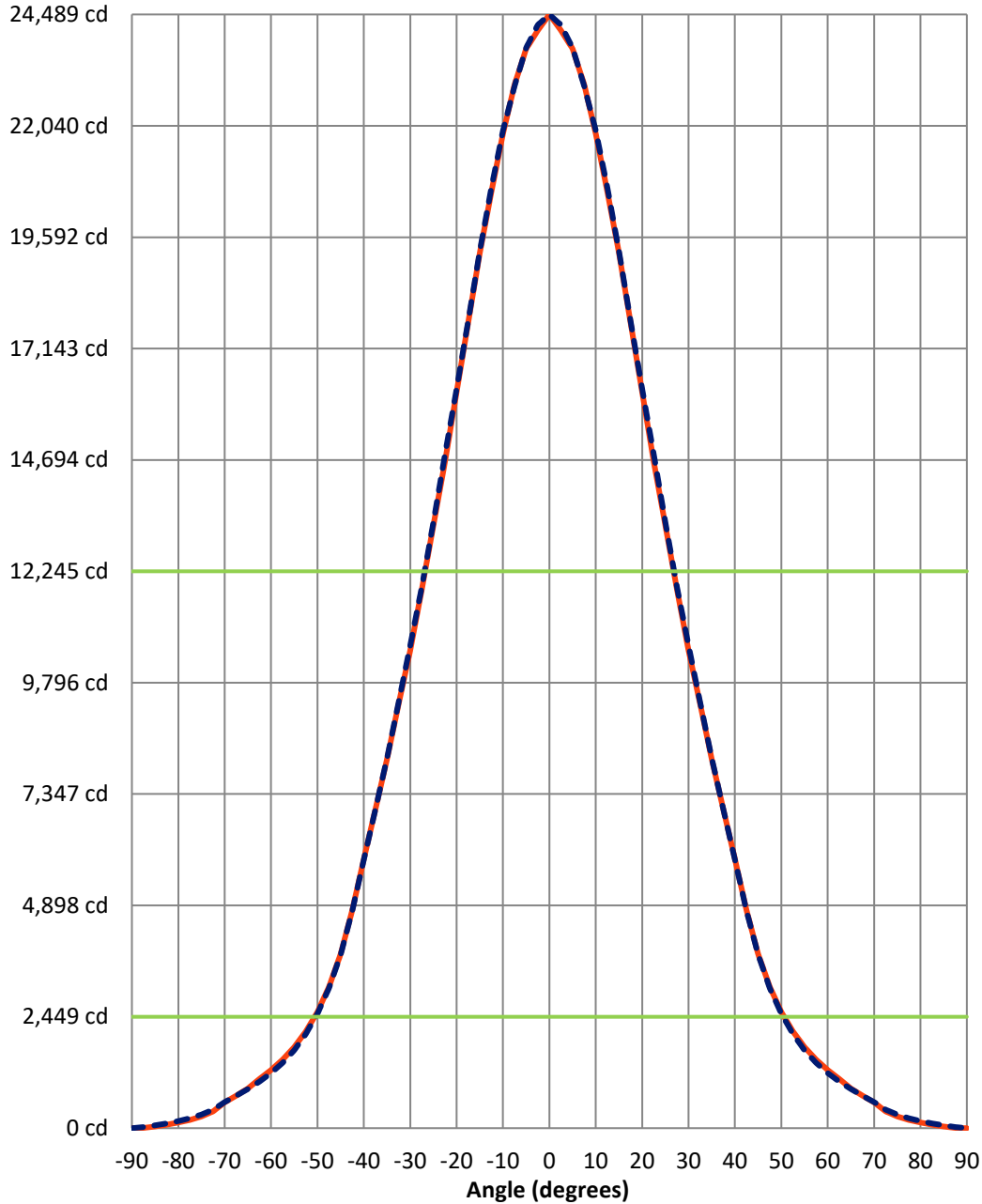
REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 11917.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 21996.7
 Efficiency: 88.3%

Spill:
 Lumens: 2927.7
 Efficiency: 11.7%

- 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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-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	1.2	2.9	4.7	6.8	9.1	11.6	12.9	13.9	14.7	15.3
85°	0.0	2.5	5.7	9.4	13.5	18.1	23.2	25.8	27.8	29.5	30.7
82.5°	0.0	3.7	8.6	14.0	20.2	27.1	34.7	38.6	42.6	49.3	55.3
80°	0.0	4.9	11.4	18.6	26.8	36.0	47.2	58.6	68.6	77.5	85.3
77.5°	0.0	6.2	14.1	23.1	33.3	46.8	67.3	82.1	94.5	105.6	116.7
75°	0.0	7.3	16.9	27.6	40.3	61.2	86.9	105.6	120.4	135.5	151.7
72.5°	0.0	8.5	19.5	32.0	50.0	75.1	105.9	128.6	146.5	165.7	186.2
70°	0.0	9.7	22.1	36.5	59.3	88.5	123.9	150.4	172.1	195.4	222.8
67.5°	0.0	10.8	24.6	42.2	68.2	101.3	139.5	171.7	197.2	226.1	258.9
65°	0.0	11.9	27.1	47.6	76.6	113.0	154.4	192.5	222.0	255.7	293.2
62.5°	0.0	13.0	29.4	52.8	84.6	123.8	168.4	212.2	245.7	284.0	325.0
60°	0.0	14.0	31.7	57.6	92.0	133.9	181.5	230.9	268.4	311.5	355.9
57.5°	0.0	15.0	34.5	62.1	99.0	143.3	193.4	247.8	291.3	338.0	384.4
55°	0.0	15.9	37.1	66.3	105.4	151.9	204.4	261.2	313.7	363.4	411.5
52.5°	0.0	16.8	39.7	70.1	111.3	159.9	214.4	275.9	335.3	387.6	438.2
50°	0.0	17.7	42.1	73.6	116.7	167.2	223.5	289.6	356.0	411.2	467.3
47.5°	0.0	18.5	44.4	76.7	121.5	173.7	232.0	302.1	376.5	434.2	496.0
45°	0.0	19.3	46.6	79.8	125.7	179.5	241.5	313.3	391.2	459.1	523.7
42.5°	0.0	20.0	48.7	82.6	129.4	184.6	250.0	324.3	404.7	483.0	552.4
40°	0.0	20.7	50.6	85.6	132.7	188.9	257.4	335.0	418.0	505.3	580.2
37.5°	0.0	21.3	52.4	88.7	135.6	192.4	263.7	344.7	432.6	522.8	606.5
35°	0.0	21.9	54.1	91.5	138.0	196.3	269.0	353.3	446.6	542.2	633.5
32.5°	0.0	22.4	55.7	94.1	139.8	200.0	273.9	360.9	459.9	561.8	661.0
30°	0.0	22.8	57.1	96.4	141.1	202.9	279.2	368.2	472.4	581.6	687.0
27.5°	0.0	23.2	58.3	98.5	144.1	205.0	283.6	377.3	485.5	601.5	711.3
25°	0.0	23.6	59.4	100.3	147.0	206.2	287.1	385.5	500.2	621.0	734.0
22.5°	0.0	23.9	60.4	101.8	149.6	207.9	289.5	392.6	514.2	638.9	758.9
20°	0.0	24.1	61.2	103.1	151.8	211.6	290.9	398.7	527.4	654.9	781.1
17.5°	0.0	24.3	61.9	104.1	153.6	214.7	294.1	403.6	539.5	669.1	800.6
15°	0.0	24.5	62.4	104.8	155.1	217.2	298.0	408.2	550.4	681.3	817.4
12.5°	0.0	24.5	62.7	105.3	156.2	218.9	300.9	412.4	559.7	691.5	831.4
10°	0.0	24.6	62.9	105.5	156.9	220.1	302.6	414.7	566.9	700.0	842.7
7.5°	0.0	24.6	63.0	105.4	157.2	220.5	303.4	415.2	571.9	706.6	851.6
5°	0.0	24.5	62.9	105.1	157.1	220.3	303.0	414.0	574.7	711.1	857.4
2.5°	0.0	24.4	62.7	104.6	156.7	219.5	301.7	411.1	575.1	713.3	860.3
0°	0.0	24.2	62.3	103.8	155.8	218.1	299.4	406.7	572.9	713.1	860.2
-2.5°	0.0	24.4	62.7	104.6	156.7	219.5	301.7	411.1	575.1	713.3	860.3
-5°	0.0	24.5	62.9	105.1	157.1	220.3	303.0	414.0	574.7	711.1	857.4
-7.5°	0.0	24.6	63.0	105.4	157.2	220.5	303.4	415.2	571.9	706.6	851.6
-10°	0.0	24.6	62.9	105.5	156.9	220.1	302.6	414.7	566.9	700.0	842.7
-12.5°	0.0	24.5	62.7	105.3	156.2	218.9	300.9	412.4	559.7	691.5	831.4
-15°	0.0	24.5	62.4	104.8	155.1	217.2	298.0	408.2	550.4	681.3	817.4
-17.5°	0.0	24.3	61.9	104.1	153.6	214.7	294.1	403.6	539.5	669.1	800.6
-20°	0.0	24.1	61.2	103.1	151.8	211.6	290.9	398.7	527.4	654.9	781.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.9	60.4	101.8	149.6	207.9	289.5	392.6	514.2	638.9	758.9
-25°	0.0	23.6	59.4	100.3	147.0	206.2	287.1	385.5	500.2	621.0	734.0
-27.5°	0.0	23.2	58.3	98.5	144.1	205.0	283.6	377.3	485.5	601.5	711.3
-30°	0.0	22.8	57.1	96.4	141.1	202.9	279.2	368.2	472.4	581.6	687.0
-32.5°	0.0	22.4	55.7	94.1	139.8	200.0	273.9	360.9	459.9	561.8	661.0
-35°	0.0	21.9	54.1	91.5	138.0	196.3	269.0	353.3	446.6	542.2	633.5
-37.5°	0.0	21.3	52.4	88.7	135.6	192.4	263.7	344.7	432.6	522.8	606.5
-40°	0.0	20.7	50.6	85.6	132.7	188.9	257.4	335.0	418.0	505.3	580.2
-42.5°	0.0	20.0	48.7	82.6	129.4	184.6	250.0	324.3	404.7	483.0	552.4
-45°	0.0	19.3	46.6	79.8	125.7	179.5	241.5	313.3	391.2	459.1	523.7
-47.5°	0.0	18.5	44.4	76.7	121.5	173.7	232.0	302.1	376.5	434.2	496.0
-50°	0.0	17.7	42.1	73.6	116.7	167.2	223.5	289.6	356.0	411.2	467.3
-52.5°	0.0	16.8	39.7	70.1	111.3	159.9	214.4	275.9	335.3	387.6	438.2
-55°	0.0	15.9	37.1	66.3	105.4	151.9	204.4	261.2	313.7	363.4	411.5
-57.5°	0.0	15.0	34.5	62.1	99.0	143.3	193.4	247.8	291.3	338.0	384.4
-60°	0.0	14.0	31.7	57.6	92.0	133.9	181.5	230.9	268.4	311.5	355.9
-62.5°	0.0	13.0	29.4	52.8	84.6	123.8	168.4	212.2	245.7	284.0	325.0
-65°	0.0	11.9	27.1	47.6	76.6	113.0	154.4	192.5	222.0	255.7	293.2
-67.5°	0.0	10.8	24.6	42.2	68.2	101.3	139.5	171.7	197.2	226.1	258.9
-70°	0.0	9.7	22.1	36.5	59.3	88.5	123.9	150.4	172.1	195.4	222.8
-72.5°	0.0	8.5	19.5	32.0	50.0	75.1	105.9	128.6	146.5	165.7	186.2
-75°	0.0	7.3	16.9	27.6	40.3	61.2	86.9	105.6	120.4	135.5	151.7
-77.5°	0.0	6.2	14.1	23.1	33.3	46.8	67.3	82.1	94.5	105.6	116.7
-80°	0.0	4.9	11.4	18.6	26.8	36.0	47.2	58.6	68.6	77.5	85.3
-82.5°	0.0	3.7	8.6	14.0	20.2	27.1	34.7	38.6	42.6	49.3	55.3
-85°	0.0	2.5	5.7	9.4	13.5	18.1	23.2	25.8	27.8	29.5	30.7
-87.5°	0.0	1.2	2.9	4.7	6.8	9.1	11.6	12.9	13.9	14.7	15.3
-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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-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°	15.6	15.6	15.4	14.9	14.3	13.4	12.3	11.0	11.5	11.9	12.4
85°	31.2	31.2	33.8	36.2	37.3	37.5	36.7	35.1	39.7	44.9	50.5
82.5°	60.9	66.2	71.2	75.9	76.4	75.2	72.9	70.1	79.4	90.6	102.3
80°	93.4	101.2	110.2	118.6	120.5	119.7	117.1	112.9	125.1	142.3	160.9
77.5°	129.6	142.0	153.5	164.1	167.2	166.8	164.8	161.4	176.9	200.8	225.7
75°	167.8	182.8	197.7	210.7	216.3	216.8	216.1	219.8	240.2	268.2	292.9
72.5°	207.6	226.7	243.5	257.9	266.8	273.7	282.7	293.8	314.5	341.9	366.2
70°	249.7	270.9	288.6	304.5	318.2	333.2	352.4	371.3	393.1	420.5	445.7
67.5°	291.3	312.8	332.7	352.3	377.3	401.3	425.1	449.9	477.4	506.2	531.6
65°	329.8	354.1	378.4	406.8	439.4	466.5	495.9	528.2	564.2	596.6	626.1
62.5°	366.8	394.1	424.2	458.6	493.8	527.8	567.3	608.8	650.7	691.4	731.7
60°	398.0	432.1	468.6	507.4	548.1	594.3	640.6	689.9	740.1	789.0	839.0
57.5°	428.0	470.1	512.2	557.4	608.1	661.0	716.5	772.1	832.1	891.3	948.0
55°	459.1	508.8	556.7	610.2	668.3	730.5	793.2	860.6	926.8	1001.4	1070.3
52.5°	492.4	546.4	602.7	664.0	731.8	801.9	875.5	952.7	1035.2	1118.1	1202.2
50°	524.8	585.7	648.4	721.7	797.6	877.7	962.6	1052.6	1148.6	1244.6	1346.4
47.5°	558.8	623.7	700.3	779.9	866.9	958.0	1054.1	1161.2	1267.8	1388.7	1505.5
45°	592.3	666.9	750.0	842.6	938.0	1040.6	1155.0	1272.6	1408.7	1545.2	1698.7
42.5°	624.4	710.5	804.3	903.3	1011.8	1129.7	1256.3	1404.1	1557.6	1726.7	1906.7
40°	661.3	752.2	857.8	968.4	1086.0	1220.8	1373.1	1537.2	1724.5	1924.8	2129.3
37.5°	697.1	799.2	910.6	1030.5	1167.0	1318.9	1487.0	1688.2	1904.3	2131.9	2410.2
35°	730.7	844.0	964.9	1096.3	1244.2	1420.2	1621.2	1843.6	2092.6	2386.1	2710.8
32.5°	766.3	886.3	1016.2	1163.7	1331.1	1523.3	1751.6	2013.4	2308.0	2642.3	3048.6
30°	802.3	929.9	1067.2	1226.7	1413.0	1635.4	1894.9	2184.2	2523.1	2942.4	3419.3
27.5°	835.5	970.6	1121.0	1293.5	1492.6	1738.7	2032.5	2371.6	2770.9	3244.8	3801.9
25°	866.0	1007.7	1170.5	1357.2	1580.4	1850.4	2168.9	2544.3	3018.9	3583.9	4269.3
22.5°	895.1	1041.5	1215.2	1414.4	1659.5	1958.4	2316.9	2746.5	3271.1	3905.2	4727.2
20°	922.4	1078.1	1259.6	1469.2	1730.2	2056.0	2453.0	2935.3	3532.2	4282.9	5176.2
17.5°	946.4	1110.3	1301.7	1528.3	1809.0	2155.1	2581.3	3102.0	3764.7	4620.2	5590.5
15°	967.0	1138.1	1338.0	1579.6	1880.0	2253.7	2716.1	3284.7	4007.1	4926.9	5954.3
12.5°	984.2	1161.3	1368.6	1622.7	1939.6	2337.0	2831.1	3447.6	4243.3	5215.8	6273.6
10°	997.9	1180.0	1393.1	1657.6	1987.7	2404.7	2925.9	3580.8	4439.8	5463.5	6543.8
7.5°	1009.3	1194.6	1412.0	1684.0	2024.1	2456.3	2999.7	3683.6	4593.4	5659.6	6751.2
5°	1017.4	1205.1	1426.3	1702.5	2050.8	2492.4	3051.3	3755.5	4702.6	5801.7	6892.9
2.5°	1022.0	1210.7	1434.6	1712.3	2067.2	2512.8	3078.4	3800.6	4762.7	5882.8	6978.6
0°	1022.9	1211.6	1436.6	1713.5	2071.8	2516.6	3082.6	3814.7	4775.3	5903.8	7009.8
-2.5°	1022.0	1210.7	1434.6	1712.3	2067.2	2512.8	3078.4	3800.6	4762.7	5882.8	6978.6
-5°	1017.4	1205.1	1426.3	1702.5	2050.8	2492.4	3051.3	3755.5	4702.6	5801.7	6892.9
-7.5°	1009.3	1194.6	1412.0	1684.0	2024.1	2456.3	2999.7	3683.6	4593.4	5659.6	6751.2
-10°	997.9	1180.0	1393.1	1657.6	1987.7	2404.7	2925.9	3580.8	4439.8	5463.5	6543.8
-12.5°	984.2	1161.3	1368.6	1622.7	1939.6	2337.0	2831.1	3447.6	4243.3	5215.8	6273.6
-15°	967.0	1138.1	1338.0	1579.6	1880.0	2253.7	2716.1	3284.7	4007.1	4926.9	5954.3
-17.5°	946.4	1110.3	1301.7	1528.3	1809.0	2155.1	2581.3	3102.0	3764.7	4620.2	5590.5
-20°	922.4	1078.1	1259.6	1469.2	1730.2	2056.0	2453.0	2935.3	3532.2	4282.9	5176.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	895.1	1041.5	1215.2	1414.4	1659.5	1958.4	2316.9	2746.5	3271.1	3905.2	4727.2
-25°	866.0	1007.7	1170.5	1357.2	1580.4	1850.4	2168.9	2544.3	3018.9	3583.9	4269.3
-27.5°	835.5	970.6	1121.0	1293.5	1492.6	1738.7	2032.5	2371.6	2770.9	3244.8	3801.9
-30°	802.3	929.9	1067.2	1226.7	1413.0	1635.4	1894.9	2184.2	2523.1	2942.4	3419.3
-32.5°	766.3	886.3	1016.2	1163.7	1331.1	1523.3	1751.6	2013.4	2308.0	2642.3	3048.6
-35°	730.7	844.0	964.9	1096.3	1244.2	1420.2	1621.2	1843.6	2092.6	2386.1	2710.8
-37.5°	697.1	799.2	910.6	1030.5	1167.0	1318.9	1487.0	1688.2	1904.3	2131.9	2410.2
-40°	661.3	752.2	857.8	968.4	1086.0	1220.8	1373.1	1537.2	1724.5	1924.8	2129.3
-42.5°	624.4	710.5	804.3	903.3	1011.8	1129.7	1256.3	1404.1	1557.6	1726.7	1906.7
-45°	592.3	666.9	750.0	842.6	938.0	1040.6	1155.0	1272.6	1408.7	1545.2	1698.7
-47.5°	558.8	623.7	700.3	779.9	866.9	958.0	1054.1	1161.2	1267.8	1388.7	1505.5
-50°	524.8	585.7	648.4	721.7	797.6	877.7	962.6	1052.6	1148.6	1244.6	1346.4
-52.5°	492.4	546.4	602.7	664.0	731.8	801.9	875.5	952.7	1035.2	1118.1	1202.2
-55°	459.1	508.8	556.7	610.2	668.3	730.5	793.2	860.6	926.8	1001.4	1070.3
-57.5°	428.0	470.1	512.2	557.4	608.1	661.0	716.5	772.1	832.1	891.3	948.0
-60°	398.0	432.1	468.6	507.4	548.1	594.3	640.6	689.9	740.1	789.0	839.0
-62.5°	366.8	394.1	424.2	458.6	493.8	527.8	567.3	608.8	650.7	691.4	731.7
-65°	329.8	354.1	378.4	406.8	439.4	466.5	495.9	528.2	564.2	596.6	626.1
-67.5°	291.3	312.8	332.7	352.3	377.3	401.3	425.1	449.9	477.4	506.2	531.6
-70°	249.7	270.9	288.6	304.5	318.2	333.2	352.4	371.3	393.1	420.5	445.7
-72.5°	207.6	226.7	243.5	257.9	266.8	273.7	282.7	293.8	314.5	341.9	366.2
-75°	167.8	182.8	197.7	210.7	216.3	216.8	216.1	219.8	240.2	268.2	292.9
-77.5°	129.6	142.0	153.5	164.1	167.2	166.8	164.8	161.4	176.9	200.8	225.7
-80°	93.4	101.2	110.2	118.6	120.5	119.7	117.1	112.9	125.1	142.3	160.9
-82.5°	60.9	66.2	71.2	75.9	76.4	75.2	72.9	70.1	79.4	90.6	102.3
-85°	31.2	31.2	33.8	36.2	37.3	37.5	36.7	35.1	39.7	44.9	50.5
-87.5°	15.6	15.6	15.4	14.9	14.3	13.4	12.3	11.0	11.5	11.9	12.4
-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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	12.8	12.4	12.0	11.5	11.0	10.8	10.6	10.3	10.0	9.3	8.5
85°	56.3	57.5	58.2	58.6	58.6	60.4	62.2	63.8	65.2	59.1	52.4
82.5°	114.5	119.8	124.5	129.2	133.8	137.0	139.4	141.2	142.3	128.8	113.7
80°	180.2	191.4	200.8	209.7	218.2	220.4	220.3	219.1	216.8	198.3	177.5
77.5°	250.6	265.3	277.0	288.7	300.1	304.3	306.4	307.9	309.0	286.2	258.1
75°	314.4	332.0	348.5	363.7	377.7	385.2	389.6	393.2	396.0	373.1	342.9
72.5°	387.2	405.9	423.6	440.5	455.4	465.3	471.7	477.0	481.2	468.1	449.3
70°	467.3	486.6	505.4	522.9	539.8	553.1	563.5	572.5	579.9	581.4	580.7
67.5°	556.2	579.0	601.3	620.5	640.5	659.2	675.7	689.4	700.3	707.5	711.6
65°	656.0	690.2	720.7	746.6	768.2	793.2	815.3	832.1	844.0	853.0	860.7
62.5°	773.6	815.1	850.0	884.4	920.0	954.5	976.1	997.7	1018.9	1038.9	1056.0
60°	886.8	932.3	979.5	1023.5	1064.2	1101.7	1140.4	1174.7	1204.8	1230.0	1248.7
57.5°	1007.4	1062.8	1116.5	1172.3	1224.9	1273.9	1321.7	1365.9	1404.2	1436.3	1462.6
55°	1138.3	1206.0	1269.9	1340.7	1409.5	1472.1	1529.8	1589.0	1642.3	1689.2	1726.4
52.5°	1279.4	1367.5	1452.0	1535.3	1624.3	1704.7	1776.7	1858.7	1931.4	1991.5	2038.3
50°	1448.0	1551.5	1663.0	1766.2	1878.5	1989.2	2091.2	2190.0	2286.7	2370.3	2437.9
47.5°	1639.9	1767.3	1905.4	2042.2	2181.6	2332.9	2467.9	2593.3	2728.4	2845.8	2939.9
45°	1853.1	2015.6	2182.4	2374.6	2551.8	2746.1	2926.0	3087.5	3279.2	3448.0	3584.0
42.5°	2089.7	2306.1	2525.5	2767.7	3002.7	3249.4	3511.5	3743.9	3998.1	4240.5	4436.3
40°	2383.0	2641.7	2935.6	3228.7	3566.0	3882.8	4264.6	4611.6	4926.6	5215.6	5452.4
37.5°	2708.9	3042.0	3411.2	3792.9	4254.5	4706.9	5153.8	5575.6	5948.1	6264.3	6529.6
35°	3078.9	3502.1	3949.3	4506.7	5047.4	5589.2	6094.0	6555.1	6960.2	7317.0	7620.4
32.5°	3504.5	4012.4	4638.4	5264.6	5881.4	6478.0	7032.1	7535.0	7979.3	8379.9	8728.8
30°	3951.9	4644.9	5347.5	6034.5	6708.2	7361.6	7969.8	8523.7	9025.7	9471.7	9873.7
27.5°	4520.5	5288.5	6054.7	6795.2	7536.4	8251.5	8910.6	9525.9	10102.0	10606.1	11065.6
25°	5070.5	5919.0	6733.3	7540.8	8347.6	9115.3	9852.3	10547.4	11207.1	11785.7	12298.6
22.5°	5620.4	6508.4	7378.7	8246.9	9113.5	9969.4	10796.9	11593.3	12331.1	12989.9	13567.3
20°	6129.7	7058.0	7988.6	8924.6	9864.0	10800.9	11730.4	12626.5	13448.4	14209.0	14877.3
17.5°	6586.3	7573.6	8560.2	9561.4	10579.7	11596.9	12629.3	13633.9	14573.6	15439.0	16214.3
15°	6990.6	8020.8	9080.5	10160.8	11254.3	12359.0	13485.6	14609.6	15667.4	16650.3	17515.9
12.5°	7344.1	8415.2	9525.8	10673.7	11860.5	13064.0	14293.5	15525.6	16696.6	17831.3	18766.0
10°	7635.8	8750.6	9911.4	11117.5	12369.1	13664.4	14983.4	16309.7	17599.9	18803.7	19872.5
7.5°	7861.1	9017.7	10213.8	11468.2	12781.3	14147.2	15544.5	16952.0	18328.8	19625.9	20808.5
5°	8020.1	9212.0	10423.2	11728.1	13086.8	14502.3	15954.5	17421.2	18860.5	20224.4	21449.9
2.5°	8112.3	9328.7	10545.1	11886.0	13268.5	14717.1	16208.8	17699.6	19176.8	20591.4	21850.8
0°	8136.6	9363.7	10615.1	11902.8	13325.6	14817.5	16255.9	17751.3	19286.5	20681.6	21936.4
-2.5°	8112.3	9328.7	10545.1	11886.0	13268.5	14717.1	16208.8	17699.6	19176.8	20591.4	21850.8
-5°	8020.1	9212.0	10423.2	11728.1	13086.8	14502.3	15954.5	17421.2	18860.5	20224.4	21449.9
-7.5°	7861.1	9017.7	10213.8	11468.2	12781.3	14147.2	15544.5	16952.0	18328.8	19625.9	20808.5
-10°	7635.8	8750.6	9911.4	11117.5	12369.1	13664.4	14983.4	16309.7	17599.9	18803.7	19872.5
-12.5°	7344.1	8415.2	9525.8	10673.7	11860.5	13064.0	14293.5	15525.6	16696.6	17831.3	18766.0
-15°	6990.6	8020.8	9080.5	10160.8	11254.3	12359.0	13485.6	14609.6	15667.4	16650.3	17515.9
-17.5°	6586.3	7573.6	8560.2	9561.4	10579.7	11596.9	12629.3	13633.9	14573.6	15439.0	16214.3
-20°	6129.7	7058.0	7988.6	8924.6	9864.0	10800.9	11730.4	12626.5	13448.4	14209.0	14877.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5620.4	6508.4	7378.7	8246.9	9113.5	9969.4	10796.9	11593.3	12331.1	12989.9	13567.3
-25°	5070.5	5919.0	6733.3	7540.8	8347.6	9115.3	9852.3	10547.4	11207.1	11785.7	12298.6
-27.5°	4520.5	5288.5	6054.7	6795.2	7536.4	8251.5	8910.6	9525.9	10102.0	10606.1	11065.6
-30°	3951.9	4644.9	5347.5	6034.5	6708.2	7361.6	7969.8	8523.7	9025.7	9471.7	9873.7
-32.5°	3504.5	4012.4	4638.4	5264.6	5881.4	6478.0	7032.1	7535.0	7979.3	8379.9	8728.8
-35°	3078.9	3502.1	3949.3	4506.7	5047.4	5589.2	6094.0	6555.1	6960.2	7317.0	7620.4
-37.5°	2708.9	3042.0	3411.2	3792.9	4254.5	4706.9	5153.8	5575.6	5948.1	6264.3	6529.6
-40°	2383.0	2641.7	2935.6	3228.7	3566.0	3882.8	4264.6	4611.6	4926.6	5215.6	5452.4
-42.5°	2089.7	2306.1	2525.5	2767.7	3002.7	3249.4	3511.5	3743.9	3998.1	4240.5	4436.3
-45°	1853.1	2015.6	2182.4	2374.6	2551.8	2746.1	2926.0	3087.5	3279.2	3448.0	3584.0
-47.5°	1639.9	1767.3	1905.4	2042.2	2181.6	2332.9	2467.9	2593.3	2728.4	2845.8	2939.9
-50°	1448.0	1551.5	1663.0	1766.2	1878.5	1989.2	2091.2	2190.0	2286.7	2370.3	2437.9
-52.5°	1279.4	1367.5	1452.0	1535.3	1624.3	1704.7	1776.7	1858.7	1931.4	1991.5	2038.3
-55°	1138.3	1206.0	1269.9	1340.7	1409.5	1472.1	1529.8	1589.0	1642.3	1689.2	1726.4
-57.5°	1007.4	1062.8	1116.5	1172.3	1224.9	1273.9	1321.7	1365.9	1404.2	1436.3	1462.6
-60°	886.8	932.3	979.5	1023.5	1064.2	1101.7	1140.4	1174.7	1204.8	1230.0	1248.7
-62.5°	773.6	815.1	850.0	884.4	920.0	954.5	976.1	997.7	1018.9	1038.9	1056.0
-65°	656.0	690.2	720.7	746.6	768.2	793.2	815.3	832.1	844.0	853.0	860.7
-67.5°	556.2	579.0	601.3	620.5	640.5	659.2	675.7	689.4	700.3	707.5	711.6
-70°	467.3	486.6	505.4	522.9	539.8	553.1	563.5	572.5	579.9	581.4	580.7
-72.5°	387.2	405.9	423.6	440.5	455.4	465.3	471.7	477.0	481.2	468.1	449.3
-75°	314.4	332.0	348.5	363.7	377.7	385.2	389.6	393.2	396.0	373.1	342.9
-77.5°	250.6	265.3	277.0	288.7	300.1	304.3	306.4	307.9	309.0	286.2	258.1
-80°	180.2	191.4	200.8	209.7	218.2	220.4	220.3	219.1	216.8	198.3	177.5
-82.5°	114.5	119.8	124.5	129.2	133.8	137.0	139.4	141.2	142.3	128.8	113.7
-85°	56.3	57.5	58.2	58.6	58.6	60.4	62.2	63.8	65.2	59.1	52.4
-87.5°	12.8	12.4	12.0	11.5	11.0	10.8	10.6	10.3	10.0	9.3	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	7.7	6.9	6.0	5.2	6.0	6.9	7.7	8.5	9.3	10.0	10.3
85°	45.3	37.9	37.1	36.3	37.1	37.9	45.3	52.4	59.1	65.2	63.8
82.5°	97.7	81.1	78.7	76.2	78.7	81.1	97.7	113.7	128.8	142.3	141.2
80°	155.7	133.2	128.8	124.6	128.8	133.2	155.7	177.5	198.3	216.8	219.1
77.5°	228.4	197.6	188.6	180.0	188.6	197.6	228.4	258.1	286.2	309.0	307.9
75°	311.6	279.2	268.2	257.9	268.2	279.2	311.6	342.9	373.1	396.0	393.2
72.5°	430.2	410.4	390.5	368.7	390.5	410.4	430.2	449.3	468.1	481.2	477.0
70°	580.1	578.8	573.7	566.0	573.7	578.8	580.1	580.7	581.4	579.9	572.5
67.5°	713.4	712.8	714.5	714.8	714.5	712.8	713.4	711.6	707.5	700.3	689.4
65°	865.5	867.1	870.7	872.3	870.7	867.1	865.5	860.7	853.0	844.0	832.1
62.5°	1069.1	1077.9	1082.3	1081.8	1082.3	1077.9	1069.1	1056.0	1038.9	1018.9	997.7
60°	1262.7	1271.8	1277.6	1279.1	1277.6	1271.8	1262.7	1248.7	1230.0	1204.8	1174.7
57.5°	1483.4	1498.4	1506.4	1507.5	1506.4	1498.4	1483.4	1462.6	1436.3	1404.2	1365.9
55°	1754.9	1774.8	1783.8	1782.7	1783.8	1774.8	1754.9	1726.4	1689.2	1642.3	1589.0
52.5°	2073.7	2097.9	2116.1	2127.2	2116.1	2097.9	2073.7	2038.3	1991.5	1931.4	1858.7
50°	2488.7	2523.5	2545.7	2554.7	2545.7	2523.5	2488.7	2437.9	2370.3	2286.7	2190.0
47.5°	3007.9	3054.1	3088.2	3112.0	3088.2	3054.1	3007.9	2939.9	2845.8	2728.4	2593.3
45°	3684.3	3754.7	3802.4	3830.3	3802.4	3754.7	3684.3	3584.0	3448.0	3279.2	3087.5
42.5°	4589.2	4698.3	4765.2	4790.9	4765.2	4698.3	4589.2	4436.3	4240.5	3998.1	3743.9
40°	5639.3	5770.5	5856.5	5915.9	5856.5	5770.5	5639.3	5452.4	5215.6	4926.6	4611.6
37.5°	6733.2	6870.9	6954.7	7011.6	6954.7	6870.9	6733.2	6529.6	6264.3	5948.1	5575.6
35°	7849.1	7993.2	8071.8	8115.8	8071.8	7993.2	7849.1	7620.4	7317.0	6960.2	6555.1
32.5°	8994.8	9153.6	9239.1	9327.4	9239.1	9153.6	8994.8	8728.8	8379.9	7979.3	7535.0
30°	10191.3	10373.6	10462.9	10506.1	10462.9	10373.6	10191.3	9873.7	9471.7	9025.7	8523.7
27.5°	11436.3	11663.6	11775.5	11849.2	11775.5	11663.6	11436.3	11065.6	10606.1	10102.0	9525.9
25°	12731.9	13013.4	13141.6	13256.3	13141.6	13013.4	12731.9	12298.6	11785.7	11207.1	10547.4
22.5°	14076.0	14426.6	14575.1	14656.6	14575.1	14426.6	14076.0	13567.3	12989.9	12331.1	11593.3
20°	15455.2	15874.2	16080.4	16186.6	16080.4	15874.2	15455.2	14877.3	14209.0	13448.4	12626.5
17.5°	16865.6	17386.8	17653.7	17714.9	17653.7	17386.8	16865.6	16214.3	15439.0	14573.6	13633.9
15°	18250.2	18813.8	19129.4	19245.0	19129.4	18813.8	18250.2	17515.9	16650.3	15667.4	14609.6
12.5°	19561.4	20145.6	20522.7	20589.8	20522.7	20145.6	19561.4	18766.0	17831.3	16696.6	15525.6
10°	20750.6	21355.8	21772.3	21867.2	21772.3	21355.8	20750.6	19872.5	18803.7	17599.9	16309.7
7.5°	21744.7	22408.8	22868.9	22948.9	22868.9	22408.8	21744.7	20808.5	19625.9	18328.8	16952.0
5°	22472.1	23260.5	23638.2	23733.0	23638.2	23260.5	22472.1	21449.9	20224.4	18860.5	17421.2
2.5°	22871.1	23673.7	24198.6	24138.0	24198.6	23673.7	22871.1	21850.8	20591.4	19176.8	17699.6
0°	22916.1	23755.5	24257.4	24489.4	24257.4	23755.5	22916.1	21936.4	20681.6	19286.5	17751.3
-2.5°	22871.1	23673.7	24198.6	24138.0	24198.6	23673.7	22871.1	21850.8	20591.4	19176.8	17699.6
-5°	22472.1	23260.5	23638.2	23733.0	23638.2	23260.5	22472.1	21449.9	20224.4	18860.5	17421.2
-7.5°	21744.7	22408.8	22868.9	22948.9	22868.9	22408.8	21744.7	20808.5	19625.9	18328.8	16952.0
-10°	20750.6	21355.8	21772.3	21867.2	21772.3	21355.8	20750.6	19872.5	18803.7	17599.9	16309.7
-12.5°	19561.4	20145.6	20522.7	20589.8	20522.7	20145.6	19561.4	18766.0	17831.3	16696.6	15525.6
-15°	18250.2	18813.8	19129.4	19245.0	19129.4	18813.8	18250.2	17515.9	16650.3	15667.4	14609.6
-17.5°	16865.6	17386.8	17653.7	17714.9	17653.7	17386.8	16865.6	16214.3	15439.0	14573.6	13633.9
-20°	15455.2	15874.2	16080.4	16186.6	16080.4	15874.2	15455.2	14877.3	14209.0	13448.4	12626.5



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	14076.0	14426.6	14575.1	14656.6	14575.1	14426.6	14076.0	13567.3	12989.9	12331.1	11593.3
-25°	12731.9	13013.4	13141.6	13256.3	13141.6	13013.4	12731.9	12298.6	11785.7	11207.1	10547.4
-27.5°	11436.3	11663.6	11775.5	11849.2	11775.5	11663.6	11436.3	11065.6	10606.1	10102.0	9525.9
-30°	10191.3	10373.6	10462.9	10506.1	10462.9	10373.6	10191.3	9873.7	9471.7	9025.7	8523.7
-32.5°	8994.8	9153.6	9239.1	9327.4	9239.1	9153.6	8994.8	8728.8	8379.9	7979.3	7535.0
-35°	7849.1	7993.2	8071.8	8115.8	8071.8	7993.2	7849.1	7620.4	7317.0	6960.2	6555.1
-37.5°	6733.2	6870.9	6954.7	7011.6	6954.7	6870.9	6733.2	6529.6	6264.3	5948.1	5575.6
-40°	5639.3	5770.5	5856.5	5915.9	5856.5	5770.5	5639.3	5452.4	5215.6	4926.6	4611.6
-42.5°	4589.2	4698.3	4765.2	4790.9	4765.2	4698.3	4589.2	4436.3	4240.5	3998.1	3743.9
-45°	3684.3	3754.7	3802.4	3830.3	3802.4	3754.7	3684.3	3584.0	3448.0	3279.2	3087.5
-47.5°	3007.9	3054.1	3088.2	3112.0	3088.2	3054.1	3007.9	2939.9	2845.8	2728.4	2593.3
-50°	2488.7	2523.5	2545.7	2554.7	2545.7	2523.5	2488.7	2437.9	2370.3	2286.7	2190.0
-52.5°	2073.7	2097.9	2116.1	2127.2	2116.1	2097.9	2073.7	2038.3	1991.5	1931.4	1858.7
-55°	1754.9	1774.8	1783.8	1782.7	1783.8	1774.8	1754.9	1726.4	1689.2	1642.3	1589.0
-57.5°	1483.4	1498.4	1506.4	1507.5	1506.4	1498.4	1483.4	1462.6	1436.3	1404.2	1365.9
-60°	1262.7	1271.8	1277.6	1279.1	1277.6	1271.8	1262.7	1248.7	1230.0	1204.8	1174.7
-62.5°	1069.1	1077.9	1082.3	1081.8	1082.3	1077.9	1069.1	1056.0	1038.9	1018.9	997.7
-65°	865.5	867.1	870.7	872.3	870.7	867.1	865.5	860.7	853.0	844.0	832.1
-67.5°	713.4	712.8	714.5	714.8	714.5	712.8	713.4	711.6	707.5	700.3	689.4
-70°	580.1	578.8	573.7	566.0	573.7	578.8	580.1	580.7	581.4	579.9	572.5
-72.5°	430.2	410.4	390.5	368.7	390.5	410.4	430.2	449.3	468.1	481.2	477.0
-75°	311.6	279.2	268.2	257.9	268.2	279.2	311.6	342.9	373.1	396.0	393.2
-77.5°	228.4	197.6	188.6	180.0	188.6	197.6	228.4	258.1	286.2	309.0	307.9
-80°	155.7	133.2	128.8	124.6	128.8	133.2	155.7	177.5	198.3	216.8	219.1
-82.5°	97.7	81.1	78.7	76.2	78.7	81.1	97.7	113.7	128.8	142.3	141.2
-85°	45.3	37.9	37.1	36.3	37.1	37.9	45.3	52.4	59.1	65.2	63.8
-87.5°	7.7	6.9	6.0	5.2	6.0	6.9	7.7	8.5	9.3	10.0	10.3
-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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	10.6	10.8	11.0	11.5	12.0	12.4	12.8	12.4	11.9	11.5	11.0
85°	62.2	60.4	58.6	58.6	58.2	57.5	56.3	50.5	44.9	39.7	35.1
82.5°	139.4	137.0	133.8	129.2	124.5	119.8	114.5	102.3	90.6	79.4	70.1
80°	220.3	220.4	218.2	209.7	200.8	191.4	180.2	160.9	142.3	125.1	112.9
77.5°	306.4	304.3	300.1	288.7	277.0	265.3	250.6	225.7	200.8	176.9	161.4
75°	389.6	385.2	377.7	363.7	348.5	332.0	314.4	292.9	268.2	240.2	219.8
72.5°	471.7	465.3	455.4	440.5	423.6	405.9	387.2	366.2	341.9	314.5	293.8
70°	563.5	553.1	539.8	522.9	505.4	486.6	467.3	445.7	420.5	393.1	371.3
67.5°	675.7	659.2	640.5	620.5	601.3	579.0	556.2	531.6	506.2	477.4	449.9
65°	815.3	793.2	768.2	746.6	720.7	690.2	656.0	626.1	596.6	564.2	528.2
62.5°	976.1	954.5	920.0	884.4	850.0	815.1	773.6	731.7	691.4	650.7	608.8
60°	1140.4	1101.7	1064.2	1023.5	979.5	932.3	886.8	839.0	789.0	740.1	689.9
57.5°	1321.7	1273.9	1224.9	1172.3	1116.5	1062.8	1007.4	948.0	891.3	832.1	772.1
55°	1529.8	1472.1	1409.5	1340.7	1269.9	1206.0	1138.3	1070.3	1001.4	926.8	860.6
52.5°	1776.7	1704.7	1624.3	1535.3	1452.0	1367.5	1279.4	1202.2	1118.1	1035.2	952.7
50°	2091.2	1989.2	1878.5	1766.2	1663.0	1551.5	1448.0	1346.4	1244.6	1148.6	1052.6
47.5°	2467.9	2332.9	2181.6	2042.2	1905.4	1767.3	1639.9	1505.5	1388.7	1267.8	1161.2
45°	2926.0	2746.1	2551.8	2374.6	2182.4	2015.6	1853.1	1698.7	1545.2	1408.7	1272.6
42.5°	3511.5	3249.4	3002.7	2767.7	2525.5	2306.1	2089.7	1906.7	1726.7	1557.6	1404.1
40°	4264.6	3882.8	3566.0	3228.7	2935.6	2641.7	2383.0	2129.3	1924.8	1724.5	1537.2
37.5°	5153.8	4706.9	4254.5	3792.9	3411.2	3042.0	2708.9	2410.2	2131.9	1904.3	1688.2
35°	6094.0	5589.2	5047.4	4506.7	3949.3	3502.1	3078.9	2710.8	2386.1	2092.6	1843.6
32.5°	7032.1	6478.0	5881.4	5264.6	4638.4	4012.4	3504.5	3048.6	2642.3	2308.0	2013.4
30°	7969.8	7361.6	6708.2	6034.5	5347.5	4644.9	3951.9	3419.3	2942.4	2523.1	2184.2
27.5°	8910.6	8251.5	7536.4	6795.2	6054.7	5288.5	4520.5	3801.9	3244.8	2770.9	2371.6
25°	9852.3	9115.3	8347.6	7540.8	6733.3	5919.0	5070.5	4269.3	3583.9	3018.9	2544.3
22.5°	10796.9	9969.4	9113.5	8246.9	7378.7	6508.4	5620.4	4727.2	3905.2	3271.1	2746.5
20°	11730.4	10800.9	9864.0	8924.6	7988.6	7058.0	6129.7	5176.2	4282.9	3532.2	2935.3
17.5°	12629.3	11596.9	10579.7	9561.4	8560.2	7573.6	6586.3	5590.5	4620.2	3764.7	3102.0
15°	13485.6	12359.0	11254.3	10160.8	9080.5	8020.8	6990.6	5954.3	4926.9	4007.1	3284.7
12.5°	14293.5	13064.0	11860.5	10673.7	9525.8	8415.2	7344.1	6273.6	5215.8	4243.3	3447.6
10°	14983.4	13664.4	12369.1	11117.5	9911.4	8750.6	7635.8	6543.8	5463.5	4439.8	3580.8
7.5°	15544.5	14147.2	12781.3	11468.2	10213.8	9017.7	7861.1	6751.2	5659.6	4593.4	3683.6
5°	15954.5	14502.3	13086.8	11728.1	10423.2	9212.0	8020.1	6892.9	5801.7	4702.6	3755.5
2.5°	16208.8	14717.1	13268.5	11886.0	10545.1	9328.7	8112.3	6978.6	5882.8	4762.7	3800.6
0°	16255.9	14817.5	13325.6	11902.8	10615.1	9363.7	8136.6	7009.8	5903.8	4775.3	3814.7
-2.5°	16208.8	14717.1	13268.5	11886.0	10545.1	9328.7	8112.3	6978.6	5882.8	4762.7	3800.6
-5°	15954.5	14502.3	13086.8	11728.1	10423.2	9212.0	8020.1	6892.9	5801.7	4702.6	3755.5
-7.5°	15544.5	14147.2	12781.3	11468.2	10213.8	9017.7	7861.1	6751.2	5659.6	4593.4	3683.6
-10°	14983.4	13664.4	12369.1	11117.5	9911.4	8750.6	7635.8	6543.8	5463.5	4439.8	3580.8
-12.5°	14293.5	13064.0	11860.5	10673.7	9525.8	8415.2	7344.1	6273.6	5215.8	4243.3	3447.6
-15°	13485.6	12359.0	11254.3	10160.8	9080.5	8020.8	6990.6	5954.3	4926.9	4007.1	3284.7
-17.5°	12629.3	11596.9	10579.7	9561.4	8560.2	7573.6	6586.3	5590.5	4620.2	3764.7	3102.0
-20°	11730.4	10800.9	9864.0	8924.6	7988.6	7058.0	6129.7	5176.2	4282.9	3532.2	2935.3



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10796.9	9969.4	9113.5	8246.9	7378.7	6508.4	5620.4	4727.2	3905.2	3271.1	2746.5
-25°	9852.3	9115.3	8347.6	7540.8	6733.3	5919.0	5070.5	4269.3	3583.9	3018.9	2544.3
-27.5°	8910.6	8251.5	7536.4	6795.2	6054.7	5288.5	4520.5	3801.9	3244.8	2770.9	2371.6
-30°	7969.8	7361.6	6708.2	6034.5	5347.5	4644.9	3951.9	3419.3	2942.4	2523.1	2184.2
-32.5°	7032.1	6478.0	5881.4	5264.6	4638.4	4012.4	3504.5	3048.6	2642.3	2308.0	2013.4
-35°	6094.0	5589.2	5047.4	4506.7	3949.3	3502.1	3078.9	2710.8	2386.1	2092.6	1843.6
-37.5°	5153.8	4706.9	4254.5	3792.9	3411.2	3042.0	2708.9	2410.2	2131.9	1904.3	1688.2
-40°	4264.6	3882.8	3566.0	3228.7	2935.6	2641.7	2383.0	2129.3	1924.8	1724.5	1537.2
-42.5°	3511.5	3249.4	3002.7	2767.7	2525.5	2306.1	2089.7	1906.7	1726.7	1557.6	1404.1
-45°	2926.0	2746.1	2551.8	2374.6	2182.4	2015.6	1853.1	1698.7	1545.2	1408.7	1272.6
-47.5°	2467.9	2332.9	2181.6	2042.2	1905.4	1767.3	1639.9	1505.5	1388.7	1267.8	1161.2
-50°	2091.2	1989.2	1878.5	1766.2	1663.0	1551.5	1448.0	1346.4	1244.6	1148.6	1052.6
-52.5°	1776.7	1704.7	1624.3	1535.3	1452.0	1367.5	1279.4	1202.2	1118.1	1035.2	952.7
-55°	1529.8	1472.1	1409.5	1340.7	1269.9	1206.0	1138.3	1070.3	1001.4	926.8	860.6
-57.5°	1321.7	1273.9	1224.9	1172.3	1116.5	1062.8	1007.4	948.0	891.3	832.1	772.1
-60°	1140.4	1101.7	1064.2	1023.5	979.5	932.3	886.8	839.0	789.0	740.1	689.9
-62.5°	976.1	954.5	920.0	884.4	850.0	815.1	773.6	731.7	691.4	650.7	608.8
-65°	815.3	793.2	768.2	746.6	720.7	690.2	656.0	626.1	596.6	564.2	528.2
-67.5°	675.7	659.2	640.5	620.5	601.3	579.0	556.2	531.6	506.2	477.4	449.9
-70°	563.5	553.1	539.8	522.9	505.4	486.6	467.3	445.7	420.5	393.1	371.3
-72.5°	471.7	465.3	455.4	440.5	423.6	405.9	387.2	366.2	341.9	314.5	293.8
-75°	389.6	385.2	377.7	363.7	348.5	332.0	314.4	292.9	268.2	240.2	219.8
-77.5°	306.4	304.3	300.1	288.7	277.0	265.3	250.6	225.7	200.8	176.9	161.4
-80°	220.3	220.4	218.2	209.7	200.8	191.4	180.2	160.9	142.3	125.1	112.9
-82.5°	139.4	137.0	133.8	129.2	124.5	119.8	114.5	102.3	90.6	79.4	70.1
-85°	62.2	60.4	58.6	58.6	58.2	57.5	56.3	50.5	44.9	39.7	35.1
-87.5°	10.6	10.8	11.0	11.5	12.0	12.4	12.8	12.4	11.9	11.5	11.0
-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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-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°	12.3	13.4	14.3	14.9	15.4	15.6	15.6	15.3	14.7	13.9	12.9
85°	36.7	37.5	37.3	36.2	33.8	31.2	31.2	30.7	29.5	27.8	25.8
82.5°	72.9	75.2	76.4	75.9	71.2	66.2	60.9	55.3	49.3	42.6	38.6
80°	117.1	119.7	120.5	118.6	110.2	101.2	93.4	85.3	77.5	68.6	58.6
77.5°	164.8	166.8	167.2	164.1	153.5	142.0	129.6	116.7	105.6	94.5	82.1
75°	216.1	216.8	216.3	210.7	197.7	182.8	167.8	151.7	135.5	120.4	105.6
72.5°	282.7	273.7	266.8	257.9	243.5	226.7	207.6	186.2	165.7	146.5	128.6
70°	352.4	333.2	318.2	304.5	288.6	270.9	249.7	222.8	195.4	172.1	150.4
67.5°	425.1	401.3	377.3	352.3	332.7	312.8	291.3	258.9	226.1	197.2	171.7
65°	495.9	466.5	439.4	406.8	378.4	354.1	329.8	293.2	255.7	222.0	192.5
62.5°	567.3	527.8	493.8	458.6	424.2	394.1	366.8	325.0	284.0	245.7	212.2
60°	640.6	594.3	548.1	507.4	468.6	432.1	398.0	355.9	311.5	268.4	230.9
57.5°	716.5	661.0	608.1	557.4	512.2	470.1	428.0	384.4	338.0	291.3	247.8
55°	793.2	730.5	668.3	610.2	556.7	508.8	459.1	411.5	363.4	313.7	261.2
52.5°	875.5	801.9	731.8	664.0	602.7	546.4	492.4	438.2	387.6	335.3	275.9
50°	962.6	877.7	797.6	721.7	648.4	585.7	524.8	467.3	411.2	356.0	289.6
47.5°	1054.1	958.0	866.9	779.9	700.3	623.7	558.8	496.0	434.2	376.5	302.1
45°	1155.0	1040.6	938.0	842.6	750.0	666.9	592.3	523.7	459.1	391.2	313.3
42.5°	1256.3	1129.7	1011.8	903.3	804.3	710.5	624.4	552.4	483.0	404.7	324.3
40°	1373.1	1220.8	1086.0	968.4	857.8	752.2	661.3	580.2	505.3	418.0	335.0
37.5°	1487.0	1318.9	1167.0	1030.5	910.6	799.2	697.1	606.5	522.8	432.6	344.7
35°	1621.2	1420.2	1244.2	1096.3	964.9	844.0	730.7	633.5	542.2	446.6	353.3
32.5°	1751.6	1523.3	1331.1	1163.7	1016.2	886.3	766.3	661.0	561.8	459.9	360.9
30°	1894.9	1635.4	1413.0	1226.7	1067.2	929.9	802.3	687.0	581.6	472.4	368.2
27.5°	2032.5	1738.7	1492.6	1293.5	1121.0	970.6	835.5	711.3	601.5	485.5	377.3
25°	2168.9	1850.4	1580.4	1357.2	1170.5	1007.7	866.0	734.0	621.0	500.2	385.5
22.5°	2316.9	1958.4	1659.5	1414.4	1215.2	1041.5	895.1	758.9	638.9	514.2	392.6
20°	2453.0	2056.0	1730.2	1469.2	1259.6	1078.1	922.4	781.1	654.9	527.4	398.7
17.5°	2581.3	2155.1	1809.0	1528.3	1301.7	1110.3	946.4	800.6	669.1	539.5	403.6
15°	2716.1	2253.7	1880.0	1579.6	1338.0	1138.1	967.0	817.4	681.3	550.4	408.2
12.5°	2831.1	2337.0	1939.6	1622.7	1368.6	1161.3	984.2	831.4	691.5	559.7	412.4
10°	2925.9	2404.7	1987.7	1657.6	1393.1	1180.0	997.9	842.7	700.0	566.9	414.7
7.5°	2999.7	2456.3	2024.1	1684.0	1412.0	1194.6	1009.3	851.6	706.6	571.9	415.2
5°	3051.3	2492.4	2050.8	1702.5	1426.3	1205.1	1017.4	857.4	711.1	574.7	414.0
2.5°	3078.4	2512.8	2067.2	1712.3	1434.6	1210.7	1022.0	860.3	713.3	575.1	411.1
0°	3082.6	2516.6	2071.8	1713.5	1436.6	1211.6	1022.9	860.2	713.1	572.9	406.7
-2.5°	3078.4	2512.8	2067.2	1712.3	1434.6	1210.7	1022.0	860.3	713.3	575.1	411.1
-5°	3051.3	2492.4	2050.8	1702.5	1426.3	1205.1	1017.4	857.4	711.1	574.7	414.0
-7.5°	2999.7	2456.3	2024.1	1684.0	1412.0	1194.6	1009.3	851.6	706.6	571.9	415.2
-10°	2925.9	2404.7	1987.7	1657.6	1393.1	1180.0	997.9	842.7	700.0	566.9	414.7
-12.5°	2831.1	2337.0	1939.6	1622.7	1368.6	1161.3	984.2	831.4	691.5	559.7	412.4
-15°	2716.1	2253.7	1880.0	1579.6	1338.0	1138.1	967.0	817.4	681.3	550.4	408.2
-17.5°	2581.3	2155.1	1809.0	1528.3	1301.7	1110.3	946.4	800.6	669.1	539.5	403.6
-20°	2453.0	2056.0	1730.2	1469.2	1259.6	1078.1	922.4	781.1	654.9	527.4	398.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	2316.9	1958.4	1659.5	1414.4	1215.2	1041.5	895.1	758.9	638.9	514.2	392.6
-25°	2168.9	1850.4	1580.4	1357.2	1170.5	1007.7	866.0	734.0	621.0	500.2	385.5
-27.5°	2032.5	1738.7	1492.6	1293.5	1121.0	970.6	835.5	711.3	601.5	485.5	377.3
-30°	1894.9	1635.4	1413.0	1226.7	1067.2	929.9	802.3	687.0	581.6	472.4	368.2
-32.5°	1751.6	1523.3	1331.1	1163.7	1016.2	886.3	766.3	661.0	561.8	459.9	360.9
-35°	1621.2	1420.2	1244.2	1096.3	964.9	844.0	730.7	633.5	542.2	446.6	353.3
-37.5°	1487.0	1318.9	1167.0	1030.5	910.6	799.2	697.1	606.5	522.8	432.6	344.7
-40°	1373.1	1220.8	1086.0	968.4	857.8	752.2	661.3	580.2	505.3	418.0	335.0
-42.5°	1256.3	1129.7	1011.8	903.3	804.3	710.5	624.4	552.4	483.0	404.7	324.3
-45°	1155.0	1040.6	938.0	842.6	750.0	666.9	592.3	523.7	459.1	391.2	313.3
-47.5°	1054.1	958.0	866.9	779.9	700.3	623.7	558.8	496.0	434.2	376.5	302.1
-50°	962.6	877.7	797.6	721.7	648.4	585.7	524.8	467.3	411.2	356.0	289.6
-52.5°	875.5	801.9	731.8	664.0	602.7	546.4	492.4	438.2	387.6	335.3	275.9
-55°	793.2	730.5	668.3	610.2	556.7	508.8	459.1	411.5	363.4	313.7	261.2
-57.5°	716.5	661.0	608.1	557.4	512.2	470.1	428.0	384.4	338.0	291.3	247.8
-60°	640.6	594.3	548.1	507.4	468.6	432.1	398.0	355.9	311.5	268.4	230.9
-62.5°	567.3	527.8	493.8	458.6	424.2	394.1	366.8	325.0	284.0	245.7	212.2
-65°	495.9	466.5	439.4	406.8	378.4	354.1	329.8	293.2	255.7	222.0	192.5
-67.5°	425.1	401.3	377.3	352.3	332.7	312.8	291.3	258.9	226.1	197.2	171.7
-70°	352.4	333.2	318.2	304.5	288.6	270.9	249.7	222.8	195.4	172.1	150.4
-72.5°	282.7	273.7	266.8	257.9	243.5	226.7	207.6	186.2	165.7	146.5	128.6
-75°	216.1	216.8	216.3	210.7	197.7	182.8	167.8	151.7	135.5	120.4	105.6
-77.5°	164.8	166.8	167.2	164.1	153.5	142.0	129.6	116.7	105.6	94.5	82.1
-80°	117.1	119.7	120.5	118.6	110.2	101.2	93.4	85.3	77.5	68.6	58.6
-82.5°	72.9	75.2	76.4	75.9	71.2	66.2	60.9	55.3	49.3	42.6	38.6
-85°	36.7	37.5	37.3	36.2	33.8	31.2	31.2	30.7	29.5	27.8	25.8
-87.5°	12.3	13.4	14.3	14.9	15.4	15.6	15.6	15.3	14.7	13.9	12.9
-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: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-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°	11.6	9.1	6.8	4.7	2.9	1.2	0.0
85°	23.2	18.1	13.5	9.4	5.7	2.5	0.0
82.5°	34.7	27.1	20.2	14.0	8.6	3.7	0.0
80°	47.2	36.0	26.8	18.6	11.4	4.9	0.0
77.5°	67.3	46.8	33.3	23.1	14.1	6.2	0.0
75°	86.9	61.2	40.3	27.6	16.9	7.3	0.0
72.5°	105.9	75.1	50.0	32.0	19.5	8.5	0.0
70°	123.9	88.5	59.3	36.5	22.1	9.7	0.0
67.5°	139.5	101.3	68.2	42.2	24.6	10.8	0.0
65°	154.4	113.0	76.6	47.6	27.1	11.9	0.0
62.5°	168.4	123.8	84.6	52.8	29.4	13.0	0.0
60°	181.5	133.9	92.0	57.6	31.7	14.0	0.0
57.5°	193.4	143.3	99.0	62.1	34.5	15.0	0.0
55°	204.4	151.9	105.4	66.3	37.1	15.9	0.0
52.5°	214.4	159.9	111.3	70.1	39.7	16.8	0.0
50°	223.5	167.2	116.7	73.6	42.1	17.7	0.0
47.5°	232.0	173.7	121.5	76.7	44.4	18.5	0.0
45°	241.5	179.5	125.7	79.8	46.6	19.3	0.0
42.5°	250.0	184.6	129.4	82.6	48.7	20.0	0.0
40°	257.4	188.9	132.7	85.6	50.6	20.7	0.0
37.5°	263.7	192.4	135.6	88.7	52.4	21.3	0.0
35°	269.0	196.3	138.0	91.5	54.1	21.9	0.0
32.5°	273.9	200.0	139.8	94.1	55.7	22.4	0.0
30°	279.2	202.9	141.1	96.4	57.1	22.8	0.0
27.5°	283.6	205.0	144.1	98.5	58.3	23.2	0.0
25°	287.1	206.2	147.0	100.3	59.4	23.6	0.0
22.5°	289.5	207.9	149.6	101.8	60.4	23.9	0.0
20°	290.9	211.6	151.8	103.1	61.2	24.1	0.0
17.5°	294.1	214.7	153.6	104.1	61.9	24.3	0.0
15°	298.0	217.2	155.1	104.8	62.4	24.5	0.0
12.5°	300.9	218.9	156.2	105.3	62.7	24.5	0.0
10°	302.6	220.1	156.9	105.5	62.9	24.6	0.0
7.5°	303.4	220.5	157.2	105.4	63.0	24.6	0.0
5°	303.0	220.3	157.1	105.1	62.9	24.5	0.0
2.5°	301.7	219.5	156.7	104.6	62.7	24.4	0.0
0°	299.4	218.1	155.8	103.8	62.3	24.2	0.0
-2.5°	301.7	219.5	156.7	104.6	62.7	24.4	0.0
-5°	303.0	220.3	157.1	105.1	62.9	24.5	0.0
-7.5°	303.4	220.5	157.2	105.4	63.0	24.6	0.0
-10°	302.6	220.1	156.9	105.5	62.9	24.6	0.0
-12.5°	300.9	218.9	156.2	105.3	62.7	24.5	0.0
-15°	298.0	217.2	155.1	104.8	62.4	24.5	0.0
-17.5°	294.1	214.7	153.6	104.1	61.9	24.3	0.0
-20°	290.9	211.6	151.8	103.1	61.2	24.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627293 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	289.5	207.9	149.6	101.8	60.4	23.9	0.0
-25°	287.1	206.2	147.0	100.3	59.4	23.6	0.0
-27.5°	283.6	205.0	144.1	98.5	58.3	23.2	0.0
-30°	279.2	202.9	141.1	96.4	57.1	22.8	0.0
-32.5°	273.9	200.0	139.8	94.1	55.7	22.4	0.0
-35°	269.0	196.3	138.0	91.5	54.1	21.9	0.0
-37.5°	263.7	192.4	135.6	88.7	52.4	21.3	0.0
-40°	257.4	188.9	132.7	85.6	50.6	20.7	0.0
-42.5°	250.0	184.6	129.4	82.6	48.7	20.0	0.0
-45°	241.5	179.5	125.7	79.8	46.6	19.3	0.0
-47.5°	232.0	173.7	121.5	76.7	44.4	18.5	0.0
-50°	223.5	167.2	116.7	73.6	42.1	17.7	0.0
-52.5°	214.4	159.9	111.3	70.1	39.7	16.8	0.0
-55°	204.4	151.9	105.4	66.3	37.1	15.9	0.0
-57.5°	193.4	143.3	99.0	62.1	34.5	15.0	0.0
-60°	181.5	133.9	92.0	57.6	31.7	14.0	0.0
-62.5°	168.4	123.8	84.6	52.8	29.4	13.0	0.0
-65°	154.4	113.0	76.6	47.6	27.1	11.9	0.0
-67.5°	139.5	101.3	68.2	42.2	24.6	10.8	0.0
-70°	123.9	88.5	59.3	36.5	22.1	9.7	0.0
-72.5°	105.9	75.1	50.0	32.0	19.5	8.5	0.0
-75°	86.9	61.2	40.3	27.6	16.9	7.3	0.0
-77.5°	67.3	46.8	33.3	23.1	14.1	6.2	0.0
-80°	47.2	36.0	26.8	18.6	11.4	4.9	0.0
-82.5°	34.7	27.1	20.2	14.0	8.6	3.7	0.0
-85°	23.2	18.1	13.5	9.4	5.7	2.5	0.0
-87.5°	11.6	9.1	6.8	4.7	2.9	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)