

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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-727-U-VWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-727-U-VWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N89
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

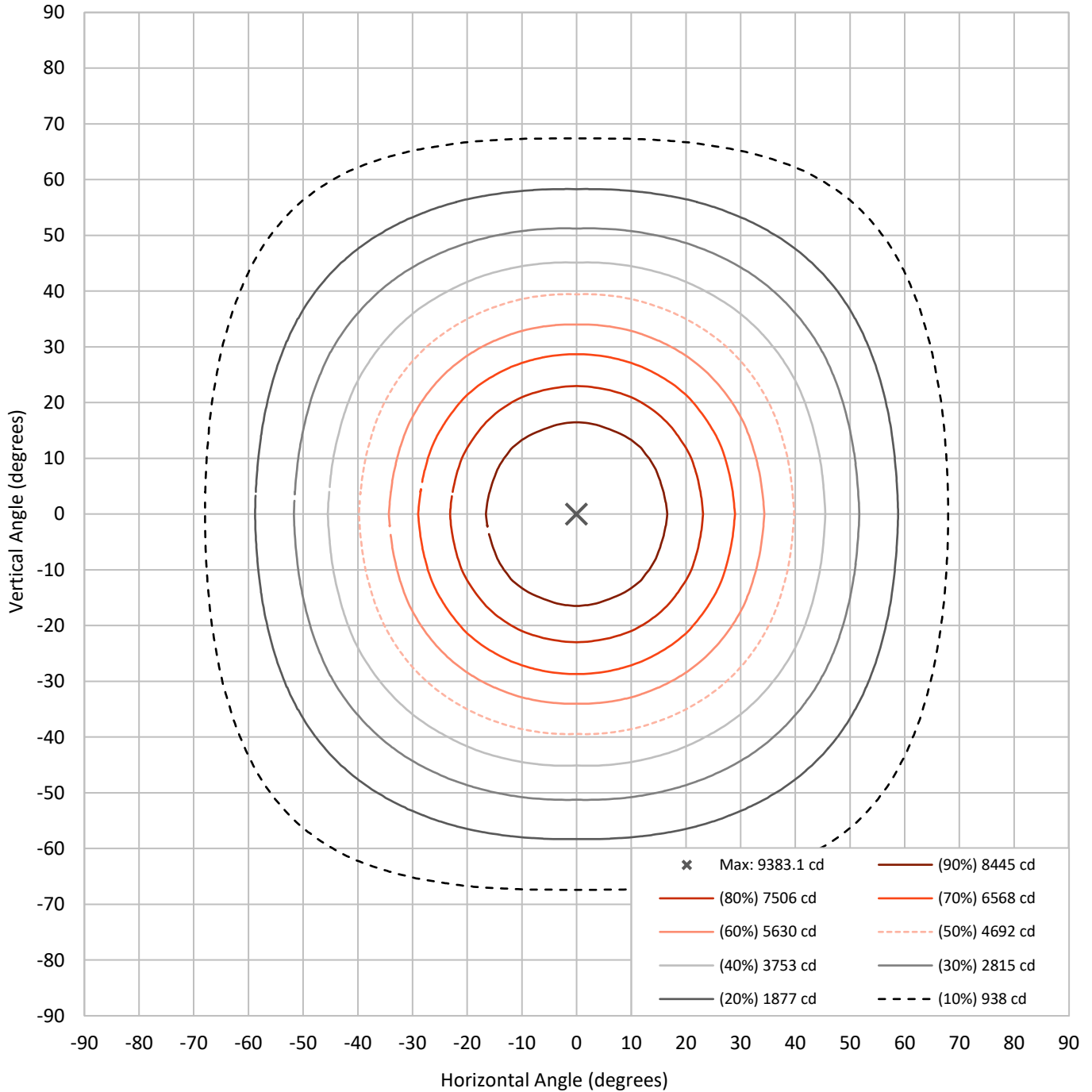
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	16959.2 lumens	Max Intensity:	9383.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	9946.7 lumens	Field Lumens:	16167.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

Iso-Candela Plot





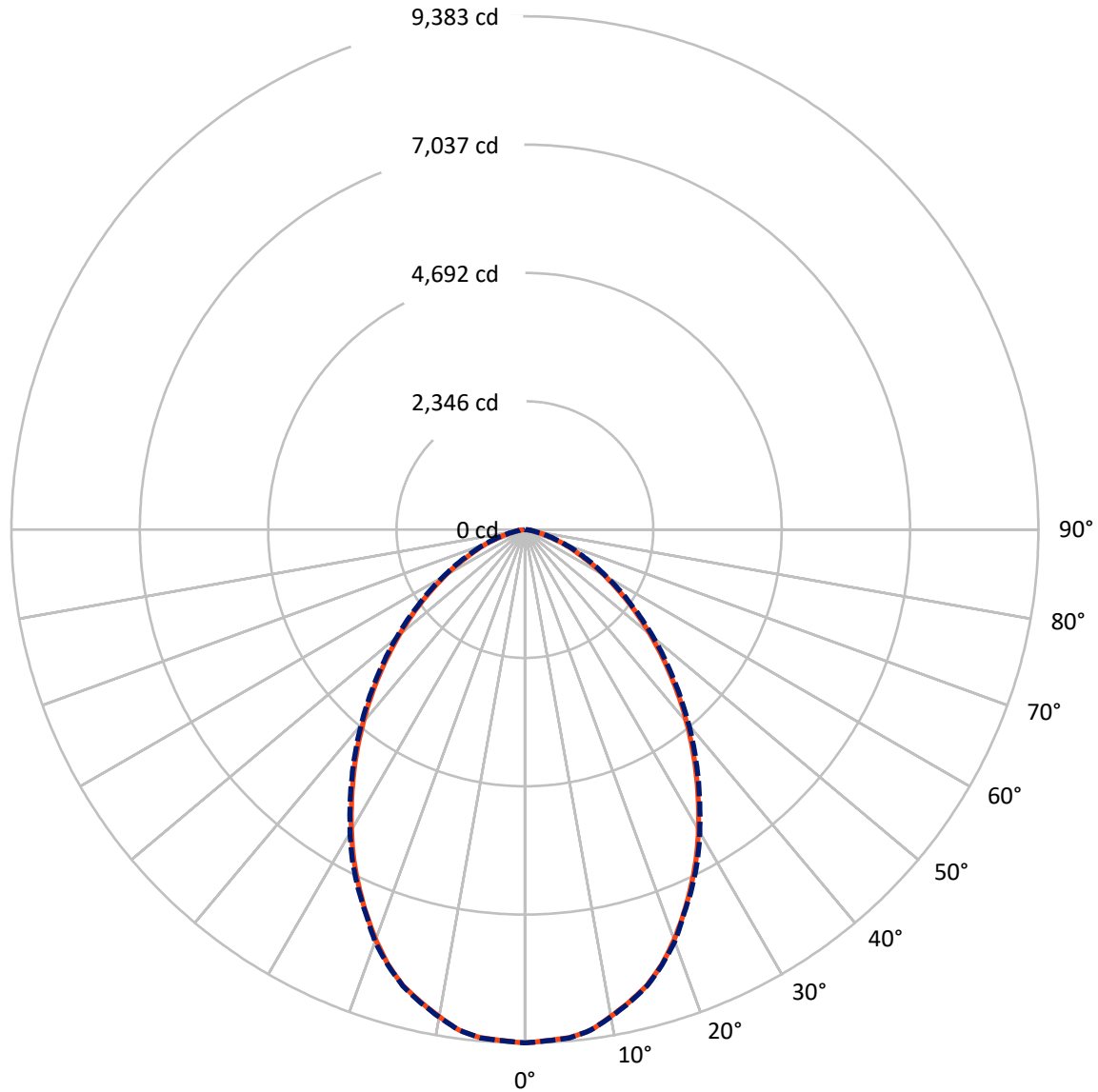
REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

Lumen Table

90																
80	0.6	6.9		18.9		32.1		30.3		32.1		18.9		6.9		0.6
70																
60	3.1	4.4	8.8	15.0	21.9	28.3	33.1	35.4	35.4	33.1	28.3	21.9	15.0	8.8	4.4	3.1
50		6.5	14.3	25.4	38.5	52.4	63.7	69.6	69.6	63.7	52.4	38.5	25.4	14.3	6.5	
40	5.5	8.8	20.6	38.1	60.3	83.6	103.1	113.8	113.8	103.1	83.6	60.3	38.1	20.6	8.8	5.5
30		11.1	27.3	52.4	84.5	118.4	147.4	163.9	163.9	147.4	118.4	84.5	52.4	27.3	11.1	
20	7.1	13.3	33.6	65.9	107.5	152.6	192.0	214.5	214.5	192.0	152.6	107.5	65.9	33.6	13.3	7.1
10		15.0	38.5	76.0	125.5	180.4	228.8	256.3	256.3	228.8	180.4	125.5	76.0	38.5	15.0	
0	7.7	15.9	41.2	81.7	135.5	195.7	248.7	277.6	277.6	248.7	195.7	135.5	81.7	41.2	15.9	7.7
-10		15.9	41.2	81.7	135.5	195.7	248.7	277.6	277.6	248.7	195.7	135.5	81.7	41.2	15.9	
-20	7.1	15.0	38.5	76.0	125.5	180.4	228.8	256.3	256.3	228.8	180.4	125.5	76.0	38.5	15.0	7.1
-30		13.3	33.6	65.9	107.5	152.6	192.0	214.5	214.5	192.0	152.6	107.5	65.9	33.6	13.3	
-40	5.5	11.1	27.3	52.4	84.5	118.4	147.4	163.9	163.9	147.4	118.4	84.5	52.4	27.3	11.1	5.5
-50		8.8	20.6	38.1	60.3	83.6	103.1	113.8	113.8	103.1	83.6	60.3	38.1	20.6	8.8	
-60	3.1	6.5	14.3	25.4	38.5	52.4	63.7	69.6	69.6	63.7	52.4	38.5	25.4	14.3	6.5	3.1
-70		4.4	8.8	15.0	21.9	28.3	33.1	35.4	35.4	33.1	28.3	21.9	15.0	8.8	4.4	
-80																
-90	0.6	6.9		18.9		32.1		30.3		32.1		18.9		6.9		0.6
Horizontal Angle (degrees)																

REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

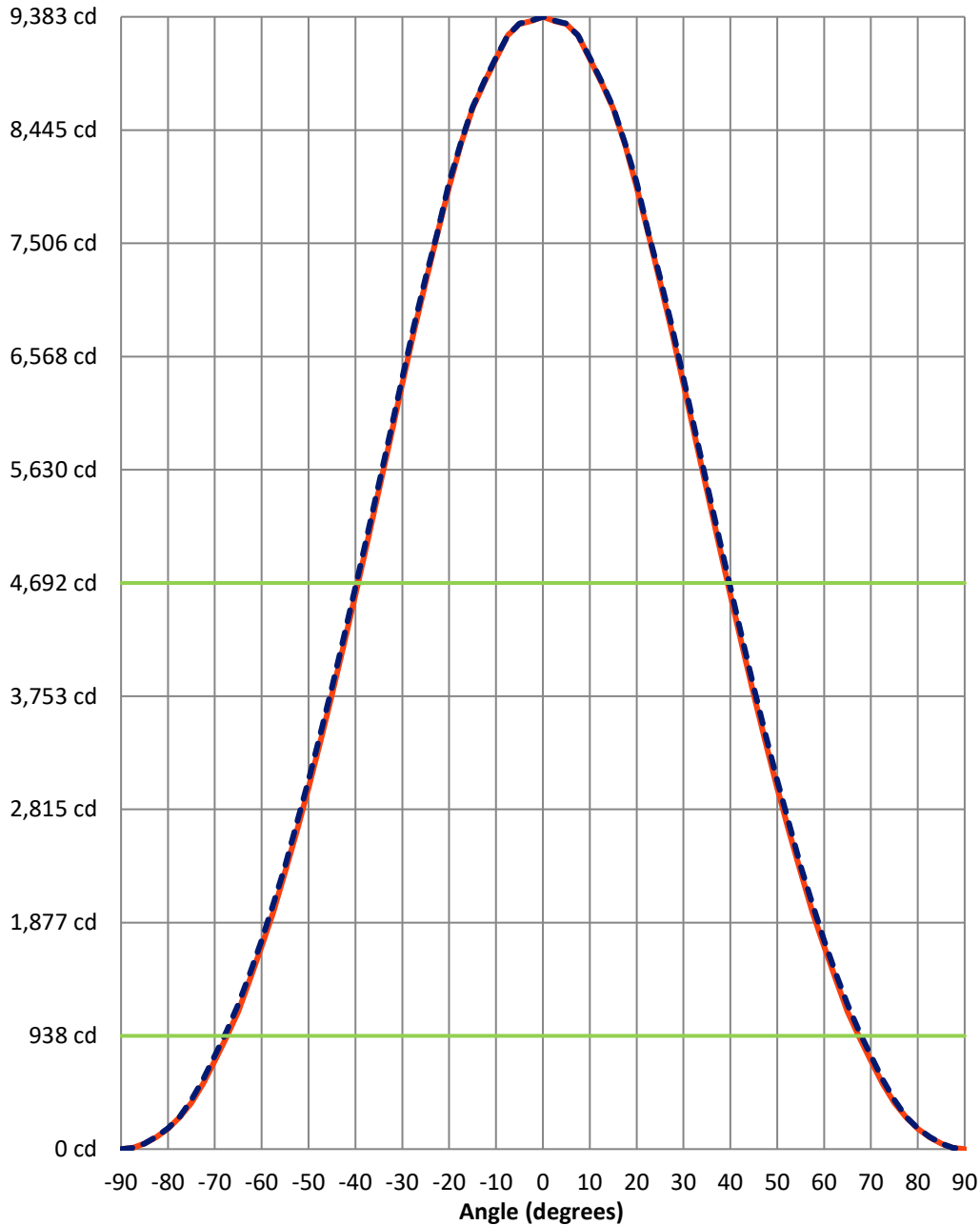
Luminous Intensity Polar Plot



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

REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 9946.7
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 16167.7
Efficiency: 95.3%

Spill:
Lumens: 791.5
Efficiency: 4.7%

— 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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.2	1.8	2.4	3.1	3.6	4.2	4.8	5.4	6.0
85°	0.0	1.1	2.5	3.7	4.9	6.1	7.3	8.5	9.6	10.8	11.9
82.5°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	15.9	25.0	33.7
80°	0.0	2.1	4.9	7.3	9.7	12.1	16.4	29.2	41.5	53.3	64.6
77.5°	0.0	2.7	6.1	9.1	12.1	19.0	35.7	51.8	66.9	81.5	99.5
75°	0.0	3.2	7.2	10.9	15.8	32.9	54.5	74.3	93.2	119.3	146.9
72.5°	0.0	3.7	8.4	12.7	25.2	46.4	72.8	98.4	128.2	159.9	193.5
70°	0.0	4.2	9.5	15.2	34.3	59.4	91.0	127.4	162.4	199.8	243.4
67.5°	0.0	4.7	10.6	20.8	43.0	71.8	113.0	155.7	195.9	243.1	293.1
65°	0.0	5.1	11.6	26.2	51.3	85.7	133.9	183.3	232.1	285.1	339.6
62.5°	0.0	5.6	12.6	31.3	59.2	101.0	153.8	212.0	267.0	325.2	381.2
60°	0.0	6.1	13.6	36.2	66.6	115.5	172.6	240.6	300.7	362.8	422.2
57.5°	0.0	6.5	16.4	40.8	76.5	129.0	192.3	267.2	333.8	399.8	461.1
55°	0.0	6.9	19.0	45.1	85.9	141.6	211.0	290.2	366.5	435.4	498.4
52.5°	0.0	7.3	21.6	49.0	94.7	153.6	228.3	314.1	398.4	468.3	534.8
50°	0.0	7.7	24.1	52.6	102.7	166.3	244.2	336.8	428.6	500.1	576.5
47.5°	0.0	8.0	26.4	56.4	110.1	178.0	259.1	357.9	456.0	531.0	617.3
45°	0.0	8.4	28.6	61.2	116.7	188.4	275.6	377.3	477.4	565.9	656.4
42.5°	0.0	8.7	30.7	65.7	122.5	197.8	290.8	395.2	497.8	599.3	702.4
40°	0.0	9.0	32.7	70.2	128.4	205.9	304.5	412.2	519.0	630.5	747.2
37.5°	0.0	9.3	34.6	74.6	134.3	212.9	316.9	428.2	542.8	660.2	789.3
35°	0.0	9.5	36.3	78.8	139.3	220.9	327.7	443.3	566.0	694.4	831.6
32.5°	0.0	9.7	37.9	82.6	143.5	229.0	337.8	457.5	588.5	727.3	876.5
30°	0.0	9.9	39.3	86.1	146.8	235.8	348.2	471.7	610.3	758.7	918.4
27.5°	0.0	10.1	40.7	89.3	151.9	241.5	357.6	488.1	632.6	788.5	957.3
25°	0.0	10.3	41.8	92.2	156.6	246.0	365.8	503.4	656.0	818.9	993.4
22.5°	0.0	10.4	42.9	94.7	160.7	250.6	372.9	517.4	677.5	847.6	1031.7
20°	0.0	10.5	43.7	96.9	164.3	256.8	378.8	530.0	697.0	873.3	1066.0
17.5°	0.0	10.6	44.5	98.7	167.3	261.9	386.1	541.1	714.3	895.8	1096.4
15°	0.0	10.7	45.1	100.2	169.7	265.8	393.7	551.7	729.4	915.1	1122.5
12.5°	0.0	10.7	45.5	101.3	171.6	268.7	399.8	561.6	743.1	931.1	1144.4
10°	0.0	10.7	45.8	102.1	172.9	270.5	404.6	569.3	754.9	946.2	1162.8
7.5°	0.0	10.7	46.0	102.6	173.6	271.2	407.8	574.7	763.9	958.3	1178.7
5°	0.0	10.7	46.1	102.7	173.7	270.9	409.4	577.7	770.2	967.1	1190.1
2.5°	0.0	10.7	45.9	102.5	173.3	269.6	409.5	578.4	773.4	972.4	1197.0
0°	0.0	10.6	45.7	102.0	172.3	267.3	408.0	576.8	773.7	974.2	1199.3
-2.5°	0.0	10.7	45.9	102.5	173.3	269.6	409.5	578.4	773.4	972.4	1197.0
-5°	0.0	10.7	46.1	102.7	173.7	270.9	409.4	577.7	770.2	967.1	1190.1
-7.5°	0.0	10.7	46.0	102.6	173.6	271.2	407.8	574.7	763.9	958.3	1178.7
-10°	0.0	10.7	45.8	102.1	172.9	270.5	404.6	569.3	754.9	946.2	1162.8
-12.5°	0.0	10.7	45.5	101.3	171.6	268.7	399.8	561.6	743.1	931.1	1144.4
-15°	0.0	10.7	45.1	100.2	169.7	265.8	393.7	551.7	729.4	915.1	1122.5
-17.5°	0.0	10.6	44.5	98.7	167.3	261.9	386.1	541.1	714.3	895.8	1096.4
-20°	0.0	10.5	43.7	96.9	164.3	256.8	378.8	530.0	697.0	873.3	1066.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.4	42.9	94.7	160.7	250.6	372.9	517.4	677.5	847.6	1031.7
-25°	0.0	10.3	41.8	92.2	156.6	246.0	365.8	503.4	656.0	818.9	993.4
-27.5°	0.0	10.1	40.7	89.3	151.9	241.5	357.6	488.1	632.6	788.5	957.3
-30°	0.0	9.9	39.3	86.1	146.8	235.8	348.2	471.7	610.3	758.7	918.4
-32.5°	0.0	9.7	37.9	82.6	143.5	229.0	337.8	457.5	588.5	727.3	876.5
-35°	0.0	9.5	36.3	78.8	139.3	220.9	327.7	443.3	566.0	694.4	831.6
-37.5°	0.0	9.3	34.6	74.6	134.3	212.9	316.9	428.2	542.8	660.2	789.3
-40°	0.0	9.0	32.7	70.2	128.4	205.9	304.5	412.2	519.0	630.5	747.2
-42.5°	0.0	8.7	30.7	65.7	122.5	197.8	290.8	395.2	497.8	599.3	702.4
-45°	0.0	8.4	28.6	61.2	116.7	188.4	275.6	377.3	477.4	565.9	656.4
-47.5°	0.0	8.0	26.4	56.4	110.1	178.0	259.1	357.9	456.0	531.0	617.3
-50°	0.0	7.7	24.1	52.6	102.7	166.3	244.2	336.8	428.6	500.1	576.5
-52.5°	0.0	7.3	21.6	49.0	94.7	153.6	228.3	314.1	398.4	468.3	534.8
-55°	0.0	6.9	19.0	45.1	85.9	141.6	211.0	290.2	366.5	435.4	498.4
-57.5°	0.0	6.5	16.4	40.8	76.5	129.0	192.3	267.2	333.8	399.8	461.1
-60°	0.0	6.1	13.6	36.2	66.6	115.5	172.6	240.6	300.7	362.8	422.2
-62.5°	0.0	5.6	12.6	31.3	59.2	101.0	153.8	212.0	267.0	325.2	381.2
-65°	0.0	5.1	11.6	26.2	51.3	85.7	133.9	183.3	232.1	285.1	339.6
-67.5°	0.0	4.7	10.6	20.8	43.0	71.8	113.0	155.7	195.9	243.1	293.1
-70°	0.0	4.2	9.5	15.2	34.3	59.4	91.0	127.4	162.4	199.8	243.4
-72.5°	0.0	3.7	8.4	12.7	25.2	46.4	72.8	98.4	128.2	159.9	193.5
-75°	0.0	3.2	7.2	10.9	15.8	32.9	54.5	74.3	93.2	119.3	146.9
-77.5°	0.0	2.7	6.1	9.1	12.1	19.0	35.7	51.8	66.9	81.5	99.5
-80°	0.0	2.1	4.9	7.3	9.7	12.1	16.4	29.2	41.5	53.3	64.6
-82.5°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	15.9	25.0	33.7
-85°	0.0	1.1	2.5	3.7	4.9	6.1	7.3	8.5	9.6	10.8	11.9
-87.5°	0.0	0.5	1.2	1.8	2.4	3.1	3.6	4.2	4.8	5.4	6.0
-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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	6.9	7.9	9.0	10.1	10.2	10.2	10.1	10.0	10.4	10.8	11.2
85°	13.8	15.8	21.9	27.8	30.7	32.5	33.3	33.1	38.5	44.8	51.5
82.5°	42.8	51.6	60.0	68.0	70.1	70.1	69.5	69.7	82.3	96.8	111.7
80°	76.2	87.3	102.2	115.4	121.1	124.1	125.4	125.2	141.2	162.5	185.0
77.5°	120.9	139.7	156.1	170.0	177.6	184.2	189.6	193.8	214.4	241.3	268.0
75°	171.8	192.5	213.0	230.9	243.4	252.7	261.4	275.3	302.2	333.6	361.0
72.5°	225.5	251.9	274.8	294.2	311.8	330.4	351.3	374.1	402.5	433.9	462.6
70°	282.9	311.9	335.9	359.3	383.2	411.1	442.4	473.2	504.9	539.6	572.9
67.5°	339.0	367.0	395.2	424.7	460.5	497.9	534.9	577.4	620.9	659.4	693.9
65°	387.7	420.6	455.9	495.9	540.2	587.7	637.1	688.1	743.2	789.4	831.6
62.5°	434.3	473.7	516.6	566.6	623.0	679.2	742.3	806.1	868.1	922.6	973.0
60°	477.2	525.0	579.2	640.4	706.3	781.1	852.9	925.4	993.5	1055.2	1118.8
57.5°	519.0	579.1	644.2	717.7	800.9	885.0	969.3	1047.4	1124.4	1199.5	1271.5
55°	563.1	635.6	713.1	803.2	897.1	996.4	1087.3	1174.4	1259.3	1350.5	1437.2
52.5°	611.7	692.7	789.7	890.5	998.9	1105.6	1205.4	1304.7	1407.3	1510.5	1623.3
50°	658.7	759.6	865.8	983.1	1100.3	1214.5	1329.0	1443.3	1566.2	1692.8	1820.7
47.5°	713.5	823.6	949.1	1074.9	1202.9	1330.1	1457.6	1595.7	1735.4	1882.2	2023.7
45°	768.9	892.7	1027.9	1170.2	1308.7	1449.4	1598.6	1751.2	1915.0	2076.5	2246.7
42.5°	821.5	961.4	1110.5	1264.2	1418.1	1575.4	1739.4	1917.7	2096.7	2283.0	2470.0
40°	879.7	1026.8	1191.1	1360.4	1527.5	1701.8	1889.2	2082.4	2285.0	2489.7	2692.7
37.5°	935.7	1097.4	1270.1	1452.3	1639.8	1831.4	2034.9	2254.2	2473.8	2694.1	2918.1
35°	988.1	1164.3	1351.4	1544.8	1743.6	1961.6	2189.1	2423.2	2661.1	2899.4	3140.3
32.5°	1042.1	1227.4	1429.1	1636.1	1855.2	2088.9	2338.1	2591.7	2845.2	3099.6	3363.3
30°	1096.1	1293.6	1504.3	1722.4	1962.0	2216.7	2484.5	2753.2	3021.3	3301.3	3582.3
27.5°	1147.2	1356.4	1578.3	1811.6	2064.4	2335.0	2619.5	2907.3	3196.3	3494.0	3793.7
25°	1194.3	1415.8	1646.9	1897.4	2165.4	2448.9	2745.3	3045.5	3362.5	3681.1	3994.1
22.5°	1240.1	1470.4	1710.4	1976.5	2256.9	2554.6	2863.2	3180.3	3511.6	3853.7	4177.6
20°	1284.3	1522.5	1772.3	2048.1	2338.9	2649.8	2970.4	3302.5	3650.0	4001.3	4349.7
17.5°	1323.5	1568.7	1829.8	2115.1	2417.1	2736.9	3067.0	3410.0	3773.0	4137.1	4506.3
15°	1357.6	1608.9	1879.7	2173.6	2486.2	2815.9	3156.7	3509.4	3881.8	4260.9	4644.7
12.5°	1386.4	1643.0	1921.6	2223.3	2544.9	2883.8	3233.7	3598.8	3981.3	4371.0	4765.9
10°	1409.9	1670.8	1955.6	2263.9	2592.8	2939.8	3297.2	3672.6	4066.4	4464.7	4867.9
7.5°	1429.8	1693.9	1982.5	2295.3	2629.7	2983.7	3346.6	3730.1	4134.3	4537.8	4949.8
5°	1444.4	1712.7	2007.3	2321.5	2661.8	3018.0	3384.0	3771.1	4184.0	4589.8	5009.2
2.5°	1453.1	1724.9	2024.1	2338.5	2687.1	3043.7	3417.2	3807.3	4220.3	4631.0	5053.8
0°	1456.0	1730.3	2032.8	2345.8	2701.0	3056.2	3436.0	3826.4	4237.9	4656.4	5082.0
-2.5°	1453.1	1724.9	2024.1	2338.5	2687.1	3043.7	3417.2	3807.3	4220.3	4631.0	5053.8
-5°	1444.4	1712.7	2007.3	2321.5	2661.8	3018.0	3384.0	3771.1	4184.0	4589.8	5009.2
-7.5°	1429.8	1693.9	1982.5	2295.3	2629.7	2983.7	3346.6	3730.1	4134.3	4537.8	4949.8
-10°	1409.9	1670.8	1955.6	2263.9	2592.8	2939.8	3297.2	3672.6	4066.4	4464.7	4867.9
-12.5°	1386.4	1643.0	1921.6	2223.3	2544.9	2883.8	3233.7	3598.8	3981.3	4371.0	4765.9
-15°	1357.6	1608.9	1879.7	2173.6	2486.2	2815.9	3156.7	3509.4	3881.8	4260.9	4644.7
-17.5°	1323.5	1568.7	1829.8	2115.1	2417.1	2736.9	3067.0	3410.0	3773.0	4137.1	4506.3
-20°	1284.3	1522.5	1772.3	2048.1	2338.9	2649.8	2970.4	3302.5	3650.0	4001.3	4349.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1240.1	1470.4	1710.4	1976.5	2256.9	2554.6	2863.2	3180.3	3511.6	3853.7	4177.6
-25°	1194.3	1415.8	1646.9	1897.4	2165.4	2448.9	2745.3	3045.5	3362.5	3681.1	3994.1
-27.5°	1147.2	1356.4	1578.3	1811.6	2064.4	2335.0	2619.5	2907.3	3196.3	3494.0	3793.7
-30°	1096.1	1293.6	1504.3	1722.4	1962.0	2216.7	2484.5	2753.2	3021.3	3301.3	3582.3
-32.5°	1042.1	1227.4	1429.1	1636.1	1855.2	2088.9	2338.1	2591.7	2845.2	3099.6	3363.3
-35°	988.1	1164.3	1351.4	1544.8	1743.6	1961.6	2189.1	2423.2	2661.1	2899.4	3140.3
-37.5°	935.7	1097.4	1270.1	1452.3	1639.8	1831.4	2034.9	2254.2	2473.8	2694.1	2918.1
-40°	879.7	1026.8	1191.1	1360.4	1527.5	1701.8	1889.2	2082.4	2285.0	2489.7	2692.7
-42.5°	821.5	961.4	1110.5	1264.2	1418.1	1575.4	1739.4	1917.7	2096.7	2283.0	2470.0
-45°	768.9	892.7	1027.9	1170.2	1308.7	1449.4	1598.6	1751.2	1915.0	2076.5	2246.7
-47.5°	713.5	823.6	949.1	1074.9	1202.9	1330.1	1457.6	1595.7	1735.4	1882.2	2023.7
-50°	658.7	759.6	865.8	983.1	1100.3	1214.5	1329.0	1443.3	1566.2	1692.8	1820.7
-52.5°	611.7	692.7	789.7	890.5	998.9	1105.6	1205.4	1304.7	1407.3	1510.5	1623.3
-55°	563.1	635.6	713.1	803.2	897.1	996.4	1087.3	1174.4	1259.3	1350.5	1437.2
-57.5°	519.0	579.1	644.2	717.7	800.9	885.0	969.3	1047.4	1124.4	1199.5	1271.5
-60°	477.2	525.0	579.2	640.4	706.3	781.1	852.9	925.4	993.5	1055.2	1118.8
-62.5°	434.3	473.7	516.6	566.6	623.0	679.2	742.3	806.1	868.1	922.6	973.0
-65°	387.7	420.6	455.9	495.9	540.2	587.7	637.1	688.1	743.2	789.4	831.6
-67.5°	339.0	367.0	395.2	424.7	460.5	497.9	534.9	577.4	620.9	659.4	693.9
-70°	282.9	311.9	335.9	359.3	383.2	411.1	442.4	473.2	504.9	539.6	572.9
-72.5°	225.5	251.9	274.8	294.2	311.8	330.4	351.3	374.1	402.5	433.9	462.6
-75°	171.8	192.5	213.0	230.9	243.4	252.7	261.4	275.3	302.2	333.6	361.0
-77.5°	120.9	139.7	156.1	170.0	177.6	184.2	189.6	193.8	214.4	241.3	268.0
-80°	76.2	87.3	102.2	115.4	121.1	124.1	125.4	125.2	141.2	162.5	185.0
-82.5°	42.8	51.6	60.0	68.0	70.1	70.1	69.5	69.7	82.3	96.8	111.7
-85°	13.8	15.8	21.9	27.8	30.7	32.5	33.3	33.1	38.5	44.8	51.5
-87.5°	6.9	7.9	9.0	10.1	10.2	10.2	10.1	10.0	10.4	10.8	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	11.5	11.9	12.2	12.5	12.8	13.0	13.2	13.4	13.6	12.9	12.2
85°	58.8	62.9	66.8	70.5	74.0	77.4	80.5	83.4	86.1	78.7	70.4
82.5°	126.9	137.0	146.7	156.3	165.9	168.3	169.0	168.7	167.4	154.2	139.7
80°	207.1	224.3	240.6	256.7	272.6	274.4	272.5	269.3	264.6	247.4	228.0
77.5°	294.7	316.4	335.4	352.8	368.6	371.6	371.2	370.4	369.1	351.5	330.3
75°	384.4	405.6	426.1	443.5	458.1	464.8	468.0	470.3	471.6	459.0	442.5
72.5°	488.5	510.6	528.6	545.6	559.9	570.2	577.7	583.3	587.1	583.3	576.5
70°	601.4	625.1	645.0	664.1	683.6	699.1	710.9	719.4	724.8	728.3	730.8
67.5°	728.6	760.4	788.2	811.9	835.3	857.3	875.4	890.1	901.5	911.2	918.7
65°	871.9	912.6	948.6	981.7	1012.0	1043.9	1070.1	1092.1	1109.7	1124.4	1136.1
62.5°	1022.5	1072.3	1118.6	1163.5	1207.5	1250.8	1284.1	1314.4	1341.3	1364.5	1382.9
60°	1179.0	1235.7	1297.8	1357.0	1411.6	1461.4	1510.9	1553.8	1590.5	1620.9	1645.5
57.5°	1347.3	1420.6	1493.2	1566.8	1636.4	1701.5	1762.4	1816.2	1861.6	1898.9	1930.2
55°	1529.0	1620.7	1704.9	1797.8	1887.5	1969.3	2041.2	2104.4	2159.1	2204.9	2243.7
52.5°	1728.8	1840.3	1949.7	2055.3	2157.2	2252.0	2338.1	2411.7	2477.2	2533.4	2578.2
50°	1947.5	2075.0	2201.8	2319.3	2436.4	2545.6	2644.3	2729.7	2806.0	2871.9	2923.9
47.5°	2176.2	2321.3	2462.9	2597.4	2726.9	2848.4	2955.3	3052.7	3147.7	3225.2	3286.4
45°	2413.7	2576.4	2732.6	2886.4	3029.1	3165.2	3297.0	3418.3	3515.8	3601.2	3672.9
42.5°	2654.0	2835.6	3010.5	3178.3	3335.1	3492.5	3640.9	3773.4	3884.7	3981.7	4063.2
40°	2897.4	3096.2	3288.9	3471.9	3651.2	3822.8	3983.3	4123.1	4248.5	4363.8	4459.9
37.5°	3139.7	3358.4	3571.9	3776.9	3974.4	4160.2	4333.6	4491.6	4633.1	4764.4	4871.0
35°	3383.0	3623.0	3856.7	4082.3	4298.0	4503.1	4692.9	4872.7	5039.4	5172.4	5281.5
32.5°	3625.4	3883.4	4137.7	4386.1	4622.2	4843.3	5049.0	5247.6	5419.1	5565.3	5690.7
30°	3859.9	4139.4	4416.4	4685.7	4940.7	5180.3	5408.0	5618.1	5802.5	5962.4	6103.1
27.5°	4090.1	4390.4	4687.5	4975.2	5250.9	5511.3	5759.8	5987.6	6188.9	6362.7	6511.0
25°	4307.6	4630.3	4947.1	5252.1	5546.6	5833.8	6102.2	6350.7	6565.8	6756.5	6909.0
22.5°	4515.5	4859.6	5192.4	5513.3	5828.3	6137.9	6431.6	6691.2	6919.1	7118.5	7287.3
20°	4709.1	5077.8	5418.4	5757.7	6089.5	6420.1	6735.5	7009.3	7250.5	7462.8	7648.7
17.5°	4890.0	5268.3	5626.8	5988.1	6337.9	6684.7	7005.1	7298.6	7558.8	7784.2	7979.0
15°	5043.2	5425.3	5816.8	6202.6	6571.4	6922.6	7242.7	7549.3	7838.2	8082.0	8279.5
12.5°	5167.3	5564.6	5973.1	6382.6	6772.7	7123.3	7458.5	7769.5	8072.9	8346.8	8528.3
10°	5273.0	5682.2	6103.9	6521.5	6916.8	7287.8	7652.2	7981.0	8279.2	8524.4	8727.2
7.5°	5364.5	5785.9	6214.2	6632.5	7026.5	7409.8	7785.0	8134.2	8435.2	8666.2	8847.0
5°	5431.9	5863.3	6299.8	6722.1	7121.5	7506.1	7883.0	8227.8	8521.6	8756.7	8953.9
2.5°	5480.1	5915.6	6355.3	6778.1	7186.4	7571.9	7958.2	8306.9	8591.5	8806.9	8995.7
0°	5511.0	5947.1	6390.2	6822.8	7223.8	7596.6	8011.5	8338.6	8634.0	8848.6	9045.5
-2.5°	5480.1	5915.6	6355.3	6778.1	7186.4	7571.9	7958.2	8306.9	8591.5	8806.9	8995.7
-5°	5431.9	5863.3	6299.8	6722.1	7121.5	7506.1	7883.0	8227.8	8521.6	8756.7	8953.9
-7.5°	5364.5	5785.9	6214.2	6632.5	7026.5	7409.8	7785.0	8134.2	8435.2	8666.2	8847.0
-10°	5273.0	5682.2	6103.9	6521.5	6916.8	7287.8	7652.2	7981.0	8279.2	8524.4	8727.2
-12.5°	5167.3	5564.6	5973.1	6382.6	6772.7	7123.3	7458.5	7769.5	8072.9	8346.8	8528.3
-15°	5043.2	5425.3	5816.8	6202.6	6571.4	6922.6	7242.7	7549.3	7838.2	8082.0	8279.5
-17.5°	4890.0	5268.3	5626.8	5988.1	6337.9	6684.7	7005.1	7298.6	7558.8	7784.2	7979.0
-20°	4709.1	5077.8	5418.4	5757.7	6089.5	6420.1	6735.5	7009.3	7250.5	7462.8	7648.7



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4515.5	4859.6	5192.4	5513.3	5828.3	6137.9	6431.6	6691.2	6919.1	7118.5	7287.3
-25°	4307.6	4630.3	4947.1	5252.1	5546.6	5833.8	6102.2	6350.7	6565.8	6756.5	6909.0
-27.5°	4090.1	4390.4	4687.5	4975.2	5250.9	5511.3	5759.8	5987.6	6188.9	6362.7	6511.0
-30°	3859.9	4139.4	4416.4	4685.7	4940.7	5180.3	5408.0	5618.1	5802.5	5962.4	6103.1
-32.5°	3625.4	3883.4	4137.7	4386.1	4622.2	4843.3	5049.0	5247.6	5419.1	5565.3	5690.7
-35°	3383.0	3623.0	3856.7	4082.3	4298.0	4503.1	4692.9	4872.7	5039.4	5172.4	5281.5
-37.5°	3139.7	3358.4	3571.9	3776.9	3974.4	4160.2	4333.6	4491.6	4633.1	4764.4	4871.0
-40°	2897.4	3096.2	3288.9	3471.9	3651.2	3822.8	3983.3	4123.1	4248.5	4363.8	4459.9
-42.5°	2654.0	2835.6	3010.5	3178.3	3335.1	3492.5	3640.9	3773.4	3884.7	3981.7	4063.2
-45°	2413.7	2576.4	2732.6	2886.4	3029.1	3165.2	3297.0	3418.3	3515.8	3601.2	3672.9
-47.5°	2176.2	2321.3	2462.9	2597.4	2726.9	2848.4	2955.3	3052.7	3147.7	3225.2	3286.4
-50°	1947.5	2075.0	2201.8	2319.3	2436.4	2545.6	2644.3	2729.7	2806.0	2871.9	2923.9
-52.5°	1728.8	1840.3	1949.7	2055.3	2157.2	2252.0	2338.1	2411.7	2477.2	2533.4	2578.2
-55°	1529.0	1620.7	1704.9	1797.8	1887.5	1969.3	2041.2	2104.4	2159.1	2204.9	2243.7
-57.5°	1347.3	1420.6	1493.2	1566.8	1636.4	1701.5	1762.4	1816.2	1861.6	1898.9	1930.2
-60°	1179.0	1235.7	1297.8	1357.0	1411.6	1461.4	1510.9	1553.8	1590.5	1620.9	1645.5
-62.5°	1022.5	1072.3	1118.6	1163.5	1207.5	1250.8	1284.1	1314.4	1341.3	1364.5	1382.9
-65°	871.9	912.6	948.6	981.7	1012.0	1043.9	1070.1	1092.1	1109.7	1124.4	1136.1
-67.5°	728.6	760.4	788.2	811.9	835.3	857.3	875.4	890.1	901.5	911.2	918.7
-70°	601.4	625.1	645.0	664.1	683.6	699.1	710.9	719.4	724.8	728.3	730.8
-72.5°	488.5	510.6	528.6	545.6	559.9	570.2	577.7	583.3	587.1	583.3	576.5
-75°	384.4	405.6	426.1	443.5	458.1	464.8	468.0	470.3	471.6	459.0	442.5
-77.5°	294.7	316.4	335.4	352.8	368.6	371.6	371.2	370.4	369.1	351.5	330.3
-80°	207.1	224.3	240.6	256.7	272.6	274.4	272.5	269.3	264.6	247.4	228.0
-82.5°	126.9	137.0	146.7	156.3	165.9	168.3	169.0	168.7	167.4	154.2	139.7
-85°	58.8	62.9	66.8	70.5	74.0	77.4	80.5	83.4	86.1	78.7	70.4
-87.5°	11.5	11.9	12.2	12.5	12.8	13.0	13.2	13.4	13.6	12.9	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	11.4	10.6	10.6	10.6	10.6	10.6	11.4	12.2	12.9	13.6	13.4
85°	61.7	52.6	49.2	45.7	49.2	52.6	61.7	70.4	78.7	86.1	83.4
82.5°	124.5	108.6	103.6	98.5	103.6	108.6	124.5	139.7	154.2	167.4	168.7
80°	207.4	185.9	177.5	168.8	177.5	185.9	207.4	228.0	247.4	264.6	269.3
77.5°	307.8	284.2	274.1	263.8	274.1	284.2	307.8	330.3	351.5	369.1	370.4
75°	425.1	406.6	395.4	383.3	395.4	406.6	425.1	442.5	459.0	471.6	470.3
72.5°	568.8	559.7	551.6	541.6	551.6	559.7	568.8	576.5	583.3	587.1	583.3
70°	731.6	730.5	731.9	731.5	731.9	730.5	731.6	730.8	728.3	724.8	719.4
67.5°	922.5	922.8	926.7	928.5	926.7	922.8	922.5	918.7	911.2	901.5	890.1
65°	1143.4	1146.1	1145.1	1139.5	1145.1	1146.1	1143.4	1136.1	1124.4	1109.7	1092.1
62.5°	1396.0	1403.6	1407.8	1406.8	1407.8	1403.6	1396.0	1382.9	1364.5	1341.3	1314.4
60°	1663.8	1675.7	1681.7	1681.1	1681.7	1675.7	1663.8	1645.5	1620.9	1590.5	1553.8
57.5°	1953.5	1968.7	1972.3	1966.0	1972.3	1968.7	1953.5	1930.2	1898.9	1861.6	1816.2
55°	2273.1	2292.6	2300.1	2296.6	2300.1	2292.6	2273.1	2243.7	2204.9	2159.1	2104.4
52.5°	2611.0	2632.1	2639.6	2634.2	2639.6	2632.1	2611.0	2578.2	2533.4	2477.2	2411.7
50°	2962.0	2987.5	2997.8	2992.9	2997.8	2987.5	2962.0	2923.9	2871.9	2806.0	2729.7
47.5°	3334.4	3368.5	3381.7	3372.7	3381.7	3368.5	3334.4	3286.4	3225.2	3147.7	3052.7
45°	3726.5	3761.7	3775.4	3766.6	3775.4	3761.7	3726.5	3672.9	3601.2	3515.8	3418.3
42.5°	4125.5	4171.4	4190.7	4174.6	4190.7	4171.4	4125.5	4063.2	3981.7	3884.7	3773.4
40°	4531.5	4581.3	4604.2	4593.1	4604.2	4581.3	4531.5	4459.9	4363.8	4248.5	4123.1
37.5°	4948.0	4997.5	5021.8	5022.2	5021.8	4997.5	4948.0	4871.0	4764.4	4633.1	4491.6
35°	5366.0	5426.0	5459.9	5458.3	5459.9	5426.0	5366.0	5281.5	5172.4	5039.4	4872.7
32.5°	5789.9	5854.8	5889.5	5894.4	5889.5	5854.8	5789.9	5690.7	5565.3	5419.1	5247.6
30°	6213.1	6284.4	6324.5	6341.0	6324.5	6284.4	6213.1	6103.1	5962.4	5802.5	5618.1
27.5°	6623.4	6711.2	6771.9	6777.1	6771.9	6711.2	6623.4	6511.0	6362.7	6188.9	5987.6
25°	7020.9	7110.3	7172.4	7185.1	7172.4	7110.3	7020.9	6909.0	6756.5	6565.8	6350.7
22.5°	7412.6	7506.0	7563.4	7586.0	7563.4	7506.0	7412.6	7287.3	7118.5	6919.1	6691.2
20°	7786.5	7887.8	7948.6	7972.9	7948.6	7887.8	7786.5	7648.7	7462.8	7250.5	7009.3
17.5°	8124.8	8231.9	8307.0	8328.1	8307.0	8231.9	8124.8	7979.0	7784.2	7558.8	7298.6
15°	8422.5	8524.0	8595.3	8623.5	8595.3	8524.0	8422.5	8279.5	8082.0	7838.2	7549.3
12.5°	8664.8	8755.7	8811.5	8838.0	8811.5	8755.7	8664.8	8528.3	8346.8	8072.9	7769.5
10°	8854.2	8945.3	8998.6	9035.0	8998.6	8945.3	8854.2	8727.2	8524.4	8279.2	7981.0
7.5°	9018.5	9111.8	9177.1	9228.4	9177.1	9111.8	9018.5	8847.0	8666.2	8435.2	8134.2
5°	9109.2	9265.0	9288.5	9323.4	9288.5	9265.0	9109.2	8953.9	8756.7	8521.6	8227.8
2.5°	9178.4	9288.9	9355.3	9348.0	9355.3	9288.9	9178.4	8995.7	8806.9	8591.5	8306.9
0°	9228.4	9326.9	9351.5	9383.1	9351.5	9326.9	9228.4	9045.5	8848.6	8634.0	8338.6
-2.5°	9178.4	9288.9	9355.3	9348.0	9355.3	9288.9	9178.4	8995.7	8806.9	8591.5	8306.9
-5°	9109.2	9265.0	9288.5	9323.4	9288.5	9265.0	9109.2	8953.9	8756.7	8521.6	8227.8
-7.5°	9018.5	9111.8	9177.1	9228.4	9177.1	9111.8	9018.5	8847.0	8666.2	8435.2	8134.2
-10°	8854.2	8945.3	8998.6	9035.0	8998.6	8945.3	8854.2	8727.2	8524.4	8279.2	7981.0
-12.5°	8664.8	8755.7	8811.5	8838.0	8811.5	8755.7	8664.8	8528.3	8346.8	8072.9	7769.5
-15°	8422.5	8524.0	8595.3	8623.5	8595.3	8524.0	8422.5	8279.5	8082.0	7838.2	7549.3
-17.5°	8124.8	8231.9	8307.0	8328.1	8307.0	8231.9	8124.8	7979.0	7784.2	7558.8	7298.6
-20°	7786.5	7887.8	7948.6	7972.9	7948.6	7887.8	7786.5	7648.7	7462.8	7250.5	7009.3



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7412.6	7506.0	7563.4	7586.0	7563.4	7506.0	7412.6	7287.3	7118.5	6919.1	6691.2
-25°	7020.9	7110.3	7172.4	7185.1	7172.4	7110.3	7020.9	6909.0	6756.5	6565.8	6350.7
-27.5°	6623.4	6711.2	6771.9	6777.1	6771.9	6711.2	6623.4	6511.0	6362.7	6188.9	5987.6
-30°	6213.1	6284.4	6324.5	6341.0	6324.5	6284.4	6213.1	6103.1	5962.4	5802.5	5618.1
-32.5°	5789.9	5854.8	5889.5	5894.4	5889.5	5854.8	5789.9	5690.7	5565.3	5419.1	5247.6
-35°	5366.0	5426.0	5459.9	5458.3	5459.9	5426.0	5366.0	5281.5	5172.4	5039.4	4872.7
-37.5°	4948.0	4997.5	5021.8	5022.2	5021.8	4997.5	4948.0	4871.0	4764.4	4633.1	4491.6
-40°	4531.5	4581.3	4604.2	4593.1	4604.2	4581.3	4531.5	4459.9	4363.8	4248.5	4123.1
-42.5°	4125.5	4171.4	4190.7	4174.6	4190.7	4171.4	4125.5	4063.2	3981.7	3884.7	3773.4
-45°	3726.5	3761.7	3775.4	3766.6	3775.4	3761.7	3726.5	3672.9	3601.2	3515.8	3418.3
-47.5°	3334.4	3368.5	3381.7	3372.7	3381.7	3368.5	3334.4	3286.4	3225.2	3147.7	3052.7
-50°	2962.0	2987.5	2997.8	2992.9	2997.8	2987.5	2962.0	2923.9	2871.9	2806.0	2729.7
-52.5°	2611.0	2632.1	2639.6	2634.2	2639.6	2632.1	2611.0	2578.2	2533.4	2477.2	2411.7
-55°	2273.1	2292.6	2300.1	2296.6	2300.1	2292.6	2273.1	2243.7	2204.9	2159.1	2104.4
-57.5°	1953.5	1968.7	1972.3	1966.0	1972.3	1968.7	1953.5	1930.2	1898.9	1861.6	1816.2
-60°	1663.8	1675.7	1681.7	1681.1	1681.7	1675.7	1663.8	1645.5	1620.9	1590.5	1553.8
-62.5°	1396.0	1403.6	1407.8	1406.8	1407.8	1403.6	1396.0	1382.9	1364.5	1341.3	1314.4
-65°	1143.4	1146.1	1145.1	1139.5	1145.1	1146.1	1143.4	1136.1	1124.4	1109.7	1092.1
-67.5°	922.5	922.8	926.7	928.5	926.7	922.8	922.5	918.7	911.2	901.5	890.1
-70°	731.6	730.5	731.9	731.5	731.9	730.5	731.6	730.8	728.3	724.8	719.4
-72.5°	568.8	559.7	551.6	541.6	551.6	559.7	568.8	576.5	583.3	587.1	583.3
-75°	425.1	406.6	395.4	383.3	395.4	406.6	425.1	442.5	459.0	471.6	470.3
-77.5°	307.8	284.2	274.1	263.8	274.1	284.2	307.8	330.3	351.5	369.1	370.4
-80°	207.4	185.9	177.5	168.8	177.5	185.9	207.4	228.0	247.4	264.6	269.3
-82.5°	124.5	108.6	103.6	98.5	103.6	108.6	124.5	139.7	154.2	167.4	168.7
-85°	61.7	52.6	49.2	45.7	49.2	52.6	61.7	70.4	78.7	86.1	83.4
-87.5°	11.4	10.6	10.6	10.6	10.6	10.6	11.4	12.2	12.9	13.6	13.4
-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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	13.2	13.0	12.8	12.5	12.2	11.9	11.5	11.2	10.8	10.4	10.0
85°	80.5	77.4	74.0	70.5	66.8	62.9	58.8	51.5	44.8	38.5	33.1
82.5°	169.0	168.3	165.9	156.3	146.7	137.0	126.9	111.7	96.8	82.3	69.7
80°	272.5	274.4	272.6	256.7	240.6	224.3	207.1	185.0	162.5	141.2	125.2
77.5°	371.2	371.6	368.6	352.8	335.4	316.4	294.7	268.0	241.3	214.4	193.8
75°	468.0	464.8	458.1	443.5	426.1	405.6	384.4	361.0	333.6	302.2	275.3
72.5°	577.7	570.2	559.9	545.6	528.6	510.6	488.5	462.6	433.9	402.5	374.1
70°	710.9	699.1	683.6	664.1	645.0	625.1	601.4	572.9	539.6	504.9	473.2
67.5°	875.4	857.3	835.3	811.9	788.2	760.4	728.6	693.9	659.4	620.9	577.4
65°	1070.1	1043.9	1012.0	981.7	948.6	912.6	871.9	831.6	789.4	743.2	688.1
62.5°	1284.1	1250.8	1207.5	1163.5	1118.6	1072.3	1022.5	973.0	922.6	868.1	806.1
60°	1510.9	1461.4	1411.6	1357.0	1297.8	1235.7	1179.0	1118.8	1055.2	993.5	925.4
57.5°	1762.4	1701.5	1636.4	1566.8	1493.2	1420.6	1347.3	1271.5	1199.5	1124.4	1047.4
55°	2041.2	1969.3	1887.5	1797.8	1704.9	1620.7	1529.0	1437.2	1350.5	1259.3	1174.4
52.5°	2338.1	2252.0	2157.2	2055.3	1949.7	1840.3	1728.8	1623.3	1510.5	1407.3	1304.7
50°	2644.3	2545.6	2436.4	2319.3	2201.8	2075.0	1947.5	1820.7	1692.8	1566.2	1443.3
47.5°	2955.3	2848.4	2726.9	2597.4	2462.9	2321.3	2176.2	2023.7	1882.2	1735.4	1595.7
45°	3297.0	3165.2	3029.1	2886.4	2732.6	2576.4	2413.7	2246.7	2076.5	1915.0	1751.2
42.5°	3640.9	3492.5	3335.1	3178.3	3010.5	2835.6	2654.0	2470.0	2283.0	2096.7	1917.7
40°	3983.3	3822.8	3651.2	3471.9	3288.9	3096.2	2897.4	2692.7	2489.7	2285.0	2082.4
37.5°	4333.6	4160.2	3974.4	3776.9	3571.9	3358.4	3139.7	2918.1	2694.1	2473.8	2254.2
35°	4692.9	4503.1	4298.0	4082.3	3856.7	3623.0	3383.0	3140.3	2899.4	2661.1	2423.2
32.5°	5049.0	4843.3	4622.2	4386.1	4137.7	3883.4	3625.4	3363.3	3099.6	2845.2	2591.7
30°	5408.0	5180.3	4940.7	4685.7	4416.4	4139.4	3859.9	3582.3	3301.3	3021.3	2753.2
27.5°	5759.8	5511.3	5250.9	4975.2	4687.5	4390.4	4090.1	3793.7	3494.0	3196.3	2907.3
25°	6102.2	5833.8	5546.6	5252.1	4947.1	4630.3	4307.6	3994.1	3681.1	3362.5	3045.5
22.5°	6431.6	6137.9	5828.3	5513.3	5192.4	4859.6	4515.5	4177.6	3853.7	3511.6	3180.3
20°	6735.5	6420.1	6089.5	5757.7	5418.4	5077.8	4709.1	4349.7	4001.3	3650.0	3302.5
17.5°	7005.1	6684.7	6337.9	5988.1	5626.8	5268.3	4890.0	4506.3	4137.1	3773.0	3410.0
15°	7242.7	6922.6	6571.4	6202.6	5816.8	5425.3	5043.2	4644.7	4260.9	3881.8	3509.4
12.5°	7458.5	7123.3	6772.7	6382.6	5973.1	5564.6	5167.3	4765.9	4371.0	3981.3	3598.8
10°	7652.2	7287.8	6916.8	6521.5	6103.9	5682.2	5273.0	4867.9	4464.7	4066.4	3672.6
7.5°	7785.0	7409.8	7026.5	6632.5	6214.2	5785.9	5364.5	4949.8	4537.8	4134.3	3730.1
5°	7883.0	7506.1	7121.5	6722.1	6299.8	5863.3	5431.9	5009.2	4589.8	4184.0	3771.1
2.5°	7958.2	7571.9	7186.4	6778.1	6355.3	5915.6	5480.1	5053.8	4631.0	4220.3	3807.3
0°	8011.5	7596.6	7223.8	6822.8	6390.2	5947.1	5511.0	5082.0	4656.4	4237.9	3826.4
-2.5°	7958.2	7571.9	7186.4	6778.1	6355.3	5915.6	5480.1	5053.8	4631.0	4220.3	3807.3
-5°	7883.0	7506.1	7121.5	6722.1	6299.8	5863.3	5431.9	5009.2	4589.8	4184.0	3771.1
-7.5°	7785.0	7409.8	7026.5	6632.5	6214.2	5785.9	5364.5	4949.8	4537.8	4134.3	3730.1
-10°	7652.2	7287.8	6916.8	6521.5	6103.9	5682.2	5273.0	4867.9	4464.7	4066.4	3672.6
-12.5°	7458.5	7123.3	6772.7	6382.6	5973.1	5564.6	5167.3	4765.9	4371.0	3981.3	3598.8
-15°	7242.7	6922.6	6571.4	6202.6	5816.8	5425.3	5043.2	4644.7	4260.9	3881.8	3509.4
-17.5°	7005.1	6684.7	6337.9	5988.1	5626.8	5268.3	4890.0	4506.3	4137.1	3773.0	3410.0
-20°	6735.5	6420.1	6089.5	5757.7	5418.4	5077.8	4709.1	4349.7	4001.3	3650.0	3302.5



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6431.6	6137.9	5828.3	5513.3	5192.4	4859.6	4515.5	4177.6	3853.7	3511.6	3180.3
-25°	6102.2	5833.8	5546.6	5252.1	4947.1	4630.3	4307.6	3994.1	3681.1	3362.5	3045.5
-27.5°	5759.8	5511.3	5250.9	4975.2	4687.5	4390.4	4090.1	3793.7	3494.0	3196.3	2907.3
-30°	5408.0	5180.3	4940.7	4685.7	4416.4	4139.4	3859.9	3582.3	3301.3	3021.3	2753.2
-32.5°	5049.0	4843.3	4622.2	4386.1	4137.7	3883.4	3625.4	3363.3	3099.6	2845.2	2591.7
-35°	4692.9	4503.1	4298.0	4082.3	3856.7	3623.0	3383.0	3140.3	2899.4	2661.1	2423.2
-37.5°	4333.6	4160.2	3974.4	3776.9	3571.9	3358.4	3139.7	2918.1	2694.1	2473.8	2254.2
-40°	3983.3	3822.8	3651.2	3471.9	3288.9	3096.2	2897.4	2692.7	2489.7	2285.0	2082.4
-42.5°	3640.9	3492.5	3335.1	3178.3	3010.5	2835.6	2654.0	2470.0	2283.0	2096.7	1917.7
-45°	3297.0	3165.2	3029.1	2886.4	2732.6	2576.4	2413.7	2246.7	2076.5	1915.0	1751.2
-47.5°	2955.3	2848.4	2726.9	2597.4	2462.9	2321.3	2176.2	2023.7	1882.2	1735.4	1595.7
-50°	2644.3	2545.6	2436.4	2319.3	2201.8	2075.0	1947.5	1820.7	1692.8	1566.2	1443.3
-52.5°	2338.1	2252.0	2157.2	2055.3	1949.7	1840.3	1728.8	1623.3	1510.5	1407.3	1304.7
-55°	2041.2	1969.3	1887.5	1797.8	1704.9	1620.7	1529.0	1437.2	1350.5	1259.3	1174.4
-57.5°	1762.4	1701.5	1636.4	1566.8	1493.2	1420.6	1347.3	1271.5	1199.5	1124.4	1047.4
-60°	1510.9	1461.4	1411.6	1357.0	1297.8	1235.7	1179.0	1118.8	1055.2	993.5	925.4
-62.5°	1284.1	1250.8	1207.5	1163.5	1118.6	1072.3	1022.5	973.0	922.6	868.1	806.1
-65°	1070.1	1043.9	1012.0	981.7	948.6	912.6	871.9	831.6	789.4	743.2	688.1
-67.5°	875.4	857.3	835.3	811.9	788.2	760.4	728.6	693.9	659.4	620.9	577.4
-70°	710.9	699.1	683.6	664.1	645.0	625.1	601.4	572.9	539.6	504.9	473.2
-72.5°	577.7	570.2	559.9	545.6	528.6	510.6	488.5	462.6	433.9	402.5	374.1
-75°	468.0	464.8	458.1	443.5	426.1	405.6	384.4	361.0	333.6	302.2	275.3
-77.5°	371.2	371.6	368.6	352.8	335.4	316.4	294.7	268.0	241.3	214.4	193.8
-80°	272.5	274.4	272.6	256.7	240.6	224.3	207.1	185.0	162.5	141.2	125.2
-82.5°	169.0	168.3	165.9	156.3	146.7	137.0	126.9	111.7	96.8	82.3	69.7
-85°	80.5	77.4	74.0	70.5	66.8	62.9	58.8	51.5	44.8	38.5	33.1
-87.5°	13.2	13.0	12.8	12.5	12.2	11.9	11.5	11.2	10.8	10.4	10.0
-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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	10.1	10.2	10.2	10.1	9.0	7.9	6.9	6.0	5.4	4.8	4.2
85°	33.3	32.5	30.7	27.8	21.9	15.8	13.8	11.9	10.8	9.6	8.5
82.5°	69.5	70.1	70.1	68.0	60.0	51.6	42.8	33.7	25.0	15.9	12.7
80°	125.4	124.1	121.1	115.4	102.2	87.3	76.2	64.6	53.3	41.5	29.2
77.5°	189.6	184.2	177.6	170.0	156.1	139.7	120.9	99.5	81.5	66.9	51.8
75°	261.4	252.7	243.4	230.9	213.0	192.5	171.8	146.9	119.3	93.2	74.3
72.5°	351.3	330.4	311.8	294.2	274.8	251.9	225.5	193.5	159.9	128.2	98.4
70°	442.4	411.1	383.2	359.3	335.9	311.9	282.9	243.4	199.8	162.4	127.4
67.5°	534.9	497.9	460.5	424.7	395.2	367.0	339.0	293.1	243.1	195.9	155.7
65°	637.1	587.7	540.2	495.9	455.9	420.6	387.7	339.6	285.1	232.1	183.3
62.5°	742.3	679.2	623.0	566.6	516.6	473.7	434.3	381.2	325.2	267.0	212.0
60°	852.9	781.1	706.3	640.4	579.2	525.0	477.2	422.2	362.8	300.7	240.6
57.5°	969.3	885.0	800.9	717.7	644.2	579.1	519.0	461.1	399.8	333.8	267.2
55°	1087.3	996.4	897.1	803.2	713.1	635.6	563.1	498.4	435.4	366.5	290.2
52.5°	1205.4	1105.6	998.9	890.5	789.7	692.7	611.7	534.8	468.3	398.4	314.1
50°	1329.0	1214.5	1100.3	983.1	865.8	759.6	658.7	576.5	500.1	428.6	336.8
47.5°	1457.6	1330.1	1202.9	1074.9	949.1	823.6	713.5	617.3	531.0	456.0	357.9
45°	1598.6	1449.4	1308.7	1170.2	1027.9	892.7	768.9	656.4	565.9	477.4	377.3
42.5°	1739.4	1575.4	1418.1	1264.2	1110.5	961.4	821.5	702.4	599.3	497.8	395.2
40°	1889.2	1701.8	1527.5	1360.4	1191.1	1026.8	879.7	747.2	630.5	519.0	412.2
37.5°	2034.9	1831.4	1639.8	1452.3	1270.1	1097.4	935.7	789.3	660.2	542.8	428.2
35°	2189.1	1961.6	1743.6	1544.8	1351.4	1164.3	988.1	831.6	694.4	566.0	443.3
32.5°	2338.1	2088.9	1855.2	1636.1	1429.1	1227.4	1042.1	876.5	727.3	588.5	457.5
30°	2484.5	2216.7	1962.0	1722.4	1504.3	1293.6	1096.1	918.4	758.7	610.3	471.7
27.5°	2619.5	2335.0	2064.4	1811.6	1578.3	1356.4	1147.2	957.3	788.5	632.6	488.1
25°	2745.3	2448.9	2165.4	1897.4	1646.9	1415.8	1194.3	993.4	818.9	656.0	503.4
22.5°	2863.2	2554.6	2256.9	1976.5	1710.4	1470.4	1240.1	1031.7	847.6	677.5	517.4
20°	2970.4	2649.8	2338.9	2048.1	1772.3	1522.5	1284.3	1066.0	873.3	697.0	530.0
17.5°	3067.0	2736.9	2417.1	2115.1	1829.8	1568.7	1323.5	1096.4	895.8	714.3	541.1
15°	3156.7	2815.9	2486.2	2173.6	1879.7	1608.9	1357.6	1122.5	915.1	729.4	551.7
12.5°	3233.7	2883.8	2544.9	2223.3	1921.6	1643.0	1386.4	1144.4	931.1	743.1	561.6
10°	3297.2	2939.8	2592.8	2263.9	1955.6	1670.8	1409.9	1162.8	946.2	754.9	569.3
7.5°	3346.6	2983.7	2629.7	2295.3	1982.5	1693.9	1429.8	1178.7	958.3	763.9	574.7
5°	3384.0	3018.0	2661.8	2321.5	2007.3	1712.7	1444.4	1190.1	967.1	770.2	577.7
2.5°	3417.2	3043.7	2687.1	2338.5	2024.1	1724.9	1453.1	1197.0	972.4	773.4	578.4
0°	3436.0	3056.2	2701.0	2345.8	2032.8	1730.3	1456.0	1199.3	974.2	773.7	576.8
-2.5°	3417.2	3043.7	2687.1	2338.5	2024.1	1724.9	1453.1	1197.0	972.4	773.4	578.4
-5°	3384.0	3018.0	2661.8	2321.5	2007.3	1712.7	1444.4	1190.1	967.1	770.2	577.7
-7.5°	3346.6	2983.7	2629.7	2295.3	1982.5	1693.9	1429.8	1178.7	958.3	763.9	574.7
-10°	3297.2	2939.8	2592.8	2263.9	1955.6	1670.8	1409.9	1162.8	946.2	754.9	569.3
-12.5°	3233.7	2883.8	2544.9	2223.3	1921.6	1643.0	1386.4	1144.4	931.1	743.1	561.6
-15°	3156.7	2815.9	2486.2	2173.6	1879.7	1608.9	1357.6	1122.5	915.1	729.4	551.7
-17.5°	3067.0	2736.9	2417.1	2115.1	1829.8	1568.7	1323.5	1096.4	895.8	714.3	541.1
-20°	2970.4	2649.8	2338.9	2048.1	1772.3	1522.5	1284.3	1066.0	873.3	697.0	530.0



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2863.2	2554.6	2256.9	1976.5	1710.4	1470.4	1240.1	1031.7	847.6	677.5	517.4
-25°	2745.3	2448.9	2165.4	1897.4	1646.9	1415.8	1194.3	993.4	818.9	656.0	503.4
-27.5°	2619.5	2335.0	2064.4	1811.6	1578.3	1356.4	1147.2	957.3	788.5	632.6	488.1
-30°	2484.5	2216.7	1962.0	1722.4	1504.3	1293.6	1096.1	918.4	758.7	610.3	471.7
-32.5°	2338.1	2088.9	1855.2	1636.1	1429.1	1227.4	1042.1	876.5	727.3	588.5	457.5
-35°	2189.1	1961.6	1743.6	1544.8	1351.4	1164.3	988.1	831.6	694.4	566.0	443.3
-37.5°	2034.9	1831.4	1639.8	1452.3	1270.1	1097.4	935.7	789.3	660.2	542.8	428.2
-40°	1889.2	1701.8	1527.5	1360.4	1191.1	1026.8	879.7	747.2	630.5	519.0	412.2
-42.5°	1739.4	1575.4	1418.1	1264.2	1110.5	961.4	821.5	702.4	599.3	497.8	395.2
-45°	1598.6	1449.4	1308.7	1170.2	1027.9	892.7	768.9	656.4	565.9	477.4	377.3
-47.5°	1457.6	1330.1	1202.9	1074.9	949.1	823.6	713.5	617.3	531.0	456.0	357.9
-50°	1329.0	1214.5	1100.3	983.1	865.8	759.6	658.7	576.5	500.1	428.6	336.8
-52.5°	1205.4	1105.6	998.9	890.5	789.7	692.7	611.7	534.8	468.3	398.4	314.1
-55°	1087.3	996.4	897.1	803.2	713.1	635.6	563.1	498.4	435.4	366.5	290.2
-57.5°	969.3	885.0	800.9	717.7	644.2	579.1	519.0	461.1	399.8	333.8	267.2
-60°	852.9	781.1	706.3	640.4	579.2	525.0	477.2	422.2	362.8	300.7	240.6
-62.5°	742.3	679.2	623.0	566.6	516.6	473.7	434.3	381.2	325.2	267.0	212.0
-65°	637.1	587.7	540.2	495.9	455.9	420.6	387.7	339.6	285.1	232.1	183.3
-67.5°	534.9	497.9	460.5	424.7	395.2	367.0	339.0	293.1	243.1	195.9	155.7
-70°	442.4	411.1	383.2	359.3	335.9	311.9	282.9	243.4	199.8	162.4	127.4
-72.5°	351.3	330.4	311.8	294.2	274.8	251.9	225.5	193.5	159.9	128.2	98.4
-75°	261.4	252.7	243.4	230.9	213.0	192.5	171.8	146.9	119.3	93.2	74.3
-77.5°	189.6	184.2	177.6	170.0	156.1	139.7	120.9	99.5	81.5	66.9	51.8
-80°	125.4	124.1	121.1	115.4	102.2	87.3	76.2	64.6	53.3	41.5	29.2
-82.5°	69.5	70.1	70.1	68.0	60.0	51.6	42.8	33.7	25.0	15.9	12.7
-85°	33.3	32.5	30.7	27.8	21.9	15.8	13.8	11.9	10.8	9.6	8.5
-87.5°	10.1	10.2	10.2	10.1	9.0	7.9	6.9	6.0	5.4	4.8	4.2
-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: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-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°	3.6	3.1	2.4	1.8	1.2	0.5	0.0
85°	7.3	6.1	4.9	3.7	2.5	1.1	0.0
82.5°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
80°	16.4	12.1	9.7	7.3	4.9	2.1	0.0
77.5°	35.7	19.0	12.1	9.1	6.1	2.7	0.0
75°	54.5	32.9	15.8	10.9	7.2	3.2	0.0
72.5°	72.8	46.4	25.2	12.7	8.4	3.7	0.0
70°	91.0	59.4	34.3	15.2	9.5	4.2	0.0
67.5°	113.0	71.8	43.0	20.8	10.6	4.7	0.0
65°	133.9	85.7	51.3	26.2	11.6	5.1	0.0
62.5°	153.8	101.0	59.2	31.3	12.6	5.6	0.0
60°	172.6	115.5	66.6	36.2	13.6	6.1	0.0
57.5°	192.3	129.0	76.5	40.8	16.4	6.5	0.0
55°	211.0	141.6	85.9	45.1	19.0	6.9	0.0
52.5°	228.3	153.6	94.7	49.0	21.6	7.3	0.0
50°	244.2	166.3	102.7	52.6	24.1	7.7	0.0
47.5°	259.1	178.0	110.1	56.4	26.4	8.0	0.0
45°	275.6	188.4	116.7	61.2	28.6	8.4	0.0
42.5°	290.8	197.8	122.5	65.7	30.7	8.7	0.0
40°	304.5	205.9	128.4	70.2	32.7	9.0	0.0
37.5°	316.9	212.9	134.3	74.6	34.6	9.3	0.0
35°	327.7	220.9	139.3	78.8	36.3	9.5	0.0
32.5°	337.8	229.0	143.5	82.6	37.9	9.7	0.0
30°	348.2	235.8	146.8	86.1	39.3	9.9	0.0
27.5°	357.6	241.5	151.9	89.3	40.7	10.1	0.0
25°	365.8	246.0	156.6	92.2	41.8	10.3	0.0
22.5°	372.9	250.6	160.7	94.7	42.9	10.4	0.0
20°	378.8	256.8	164.3	96.9	43.7	10.5	0.0
17.5°	386.1	261.9	167.3	98.7	44.5	10.6	0.0
15°	393.7	265.8	169.7	100.2	45.1	10.7	0.0
12.5°	399.8	268.7	171.6	101.3	45.5	10.7	0.0
10°	404.6	270.5	172.9	102.1	45.8	10.7	0.0
7.5°	407.8	271.2	173.6	102.6	46.0	10.7	0.0
5°	409.4	270.9	173.7	102.7	46.1	10.7	0.0
2.5°	409.5	269.6	173.3	102.5	45.9	10.7	0.0
0°	408.0	267.3	172.3	102.0	45.7	10.6	0.0
-2.5°	409.5	269.6	173.3	102.5	45.9	10.7	0.0
-5°	409.4	270.9	173.7	102.7	46.1	10.7	0.0
-7.5°	407.8	271.2	173.6	102.6	46.0	10.7	0.0
-10°	404.6	270.5	172.9	102.1	45.8	10.7	0.0
-12.5°	399.8	268.7	171.6	101.3	45.5	10.7	0.0
-15°	393.7	265.8	169.7	100.2	45.1	10.7	0.0
-17.5°	386.1	261.9	167.3	98.7	44.5	10.6	0.0
-20°	378.8	256.8	164.3	96.9	43.7	10.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627321 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	372.9	250.6	160.7	94.7	42.9	10.4	0.0
-25°	365.8	246.0	156.6	92.2	41.8	10.3	0.0
-27.5°	357.6	241.5	151.9	89.3	40.7	10.1	0.0
-30°	348.2	235.8	146.8	86.1	39.3	9.9	0.0
-32.5°	337.8	229.0	143.5	82.6	37.9	9.7	0.0
-35°	327.7	220.9	139.3	78.8	36.3	9.5	0.0
-37.5°	316.9	212.9	134.3	74.6	34.6	9.3	0.0
-40°	304.5	205.9	128.4	70.2	32.7	9.0	0.0
-42.5°	290.8	197.8	122.5	65.7	30.7	8.7	0.0
-45°	275.6	188.4	116.7	61.2	28.6	8.4	0.0
-47.5°	259.1	178.0	110.1	56.4	26.4	8.0	0.0
-50°	244.2	166.3	102.7	52.6	24.1	7.7	0.0
-52.5°	228.3	153.6	94.7	49.0	21.6	7.3	0.0
-55°	211.0	141.6	85.9	45.1	19.0	6.9	0.0
-57.5°	192.3	129.0	76.5	40.8	16.4	6.5	0.0
-60°	172.6	115.5	66.6	36.2	13.6	6.1	0.0
-62.5°	153.8	101.0	59.2	31.3	12.6	5.6	0.0
-65°	133.9	85.7	51.3	26.2	11.6	5.1	0.0
-67.5°	113.0	71.8	43.0	20.8	10.6	4.7	0.0
-70°	91.0	59.4	34.3	15.2	9.5	4.2	0.0
-72.5°	72.8	46.4	25.2	12.7	8.4	3.7	0.0
-75°	54.5	32.9	15.8	10.9	7.2	3.2	0.0
-77.5°	35.7	19.0	12.1	9.1	6.1	2.7	0.0
-80°	16.4	12.1	9.7	7.3	4.9	2.1	0.0
-82.5°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-85°	7.3	6.1	4.9	3.7	2.5	1.1	0.0
-87.5°	3.6	3.1	2.4	1.8	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)