

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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-730-U-LAM-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

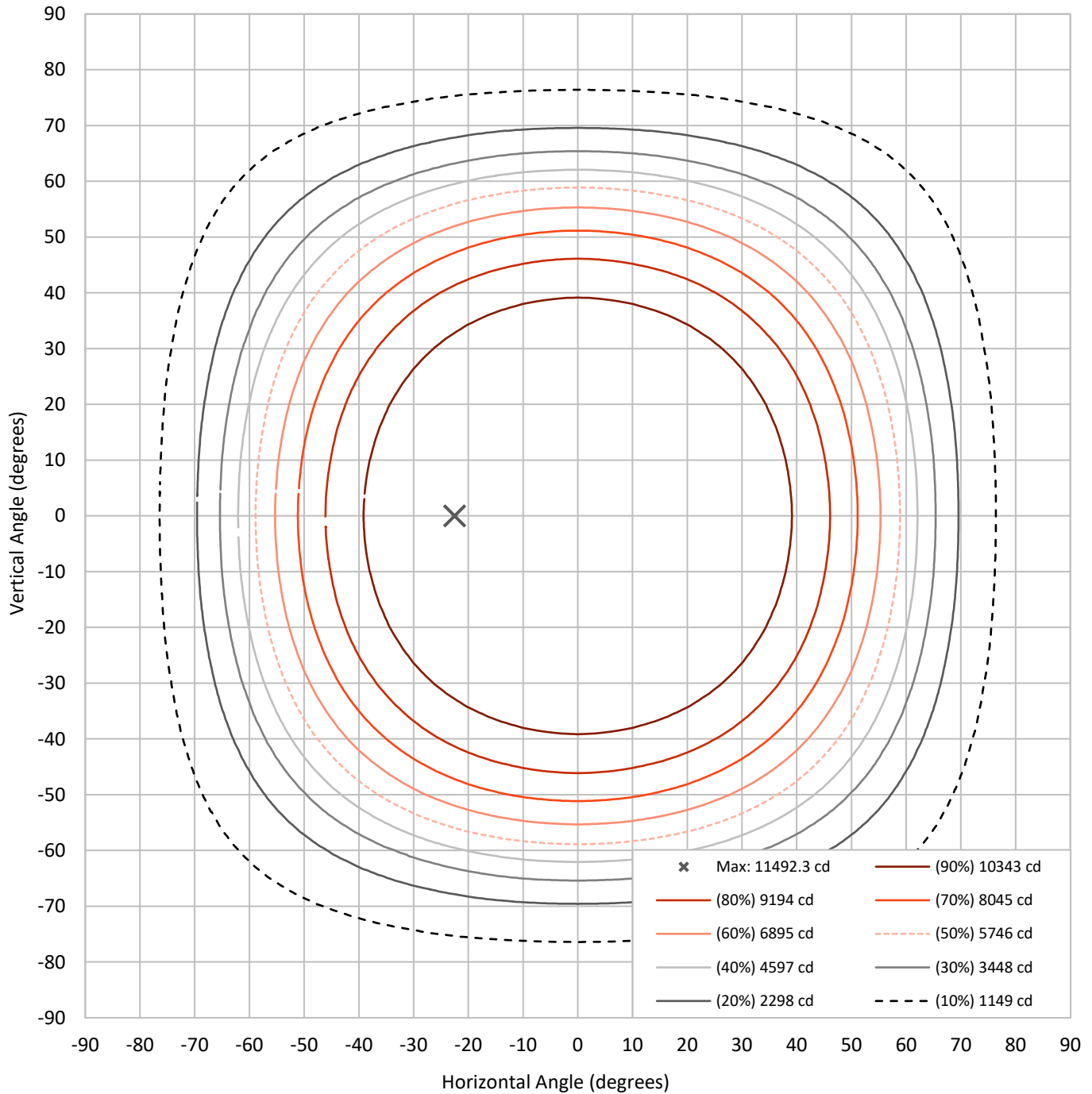
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	35155.7 lumens	Max Intensity:	11492.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	129.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	29257.2 lumens	Field Lumens:	34464.2 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	271.3		
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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

Iso-Candela Plot





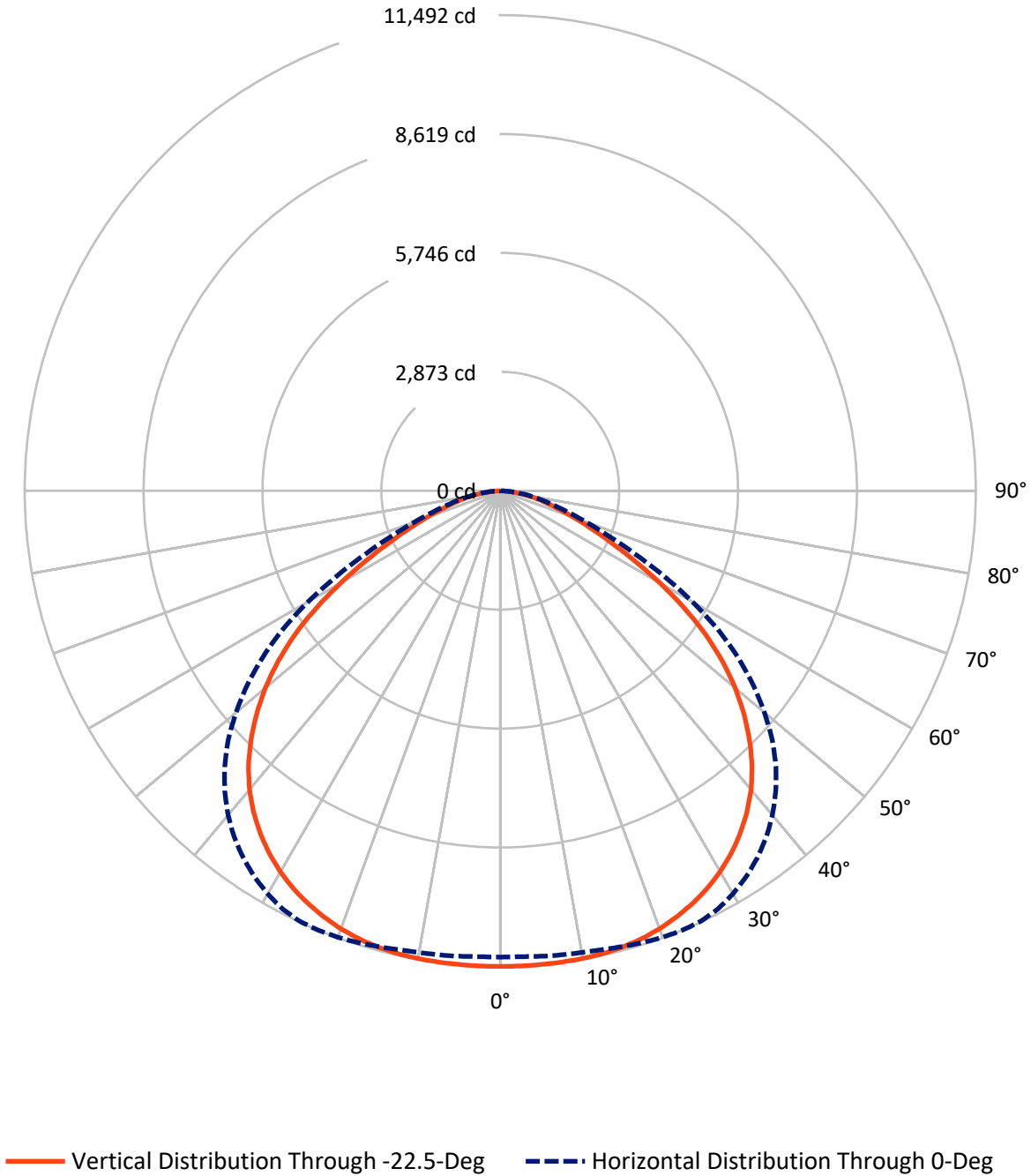
REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

Lumen Table

90																			
80	1.8	18.2	51.5	85.7	100.3	85.7	51.5	18.2	1.8										
70																			
60	8.7	10.2	21.4	37.4	57.8	79.8	98.6	109.0	109.0	98.6	79.8	57.8	37.4	21.4	10.2				8.7
50																			
40	16.4	15.9	36.5	70.6	115.5	159.0	191.4	208.6	208.6	191.4	159.0	115.5	70.6	36.5	15.9				16.4
30																			
20	22.5	22.7	57.6	114.9	176.1	227.4	263.6	282.1	282.1	263.6	227.4	176.1	114.9	57.6	22.7				22.5
10																			
0	24.8	30.4	81.6	152.3	218.9	272.2	308.0	325.8	325.8	308.0	272.2	218.9	152.3	81.6	30.4				24.8
-10																			
-20	22.5	38.1	101.5	177.9	246.2	298.0	331.1	345.8	345.8	331.1	298.0	246.2	177.9	101.5	38.1				22.5
-30																			
-40	16.4	44.2	114.6	193.5	261.4	310.7	337.0	346.0	346.0	337.0	310.7	261.4	193.5	114.6	44.2				16.4
-50																			
-60	8.7	47.4	121.1	200.8	268.1	314.7	335.5	342.8	342.8	335.5	314.7	268.1	200.8	121.1	47.4				8.7
-70																			
-80	1.8	47.4	121.1	200.8	268.1	314.7	335.5	342.8	342.8	335.5	314.7	268.1	200.8	121.1	47.4				1.8
-90																			

REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

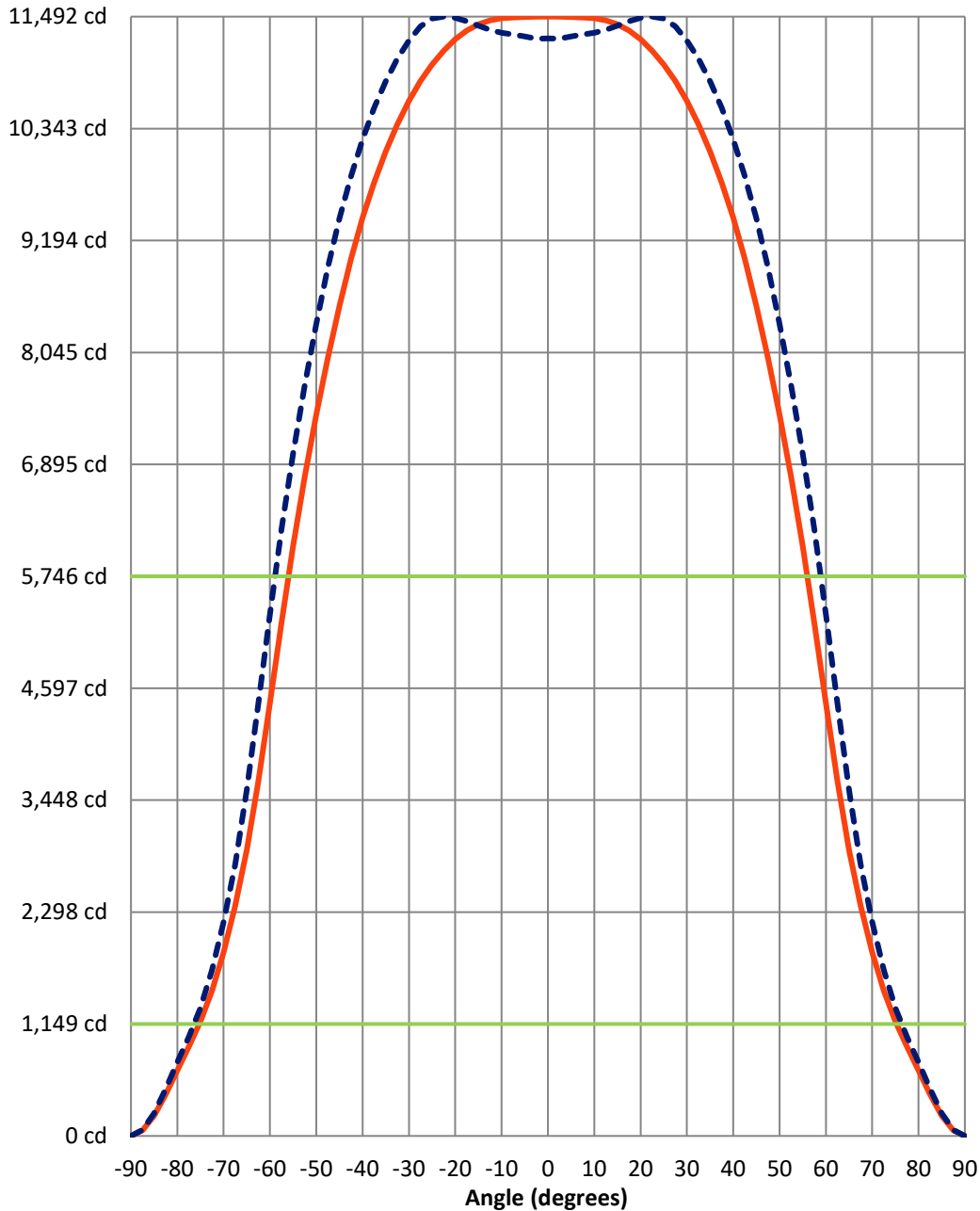
Luminous Intensity Polar Plot





REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 29257.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 34464.2
 Efficiency: 98.0%

Spill:
 Lumens: 691.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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	2.7	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
85°	0.0	5.5	11.0	16.4	21.8	27.2	32.5	37.8	43.0	48.1	53.1
82.5°	0.0	8.2	16.4	24.6	32.7	40.7	48.7	56.6	66.9	87.7	108.2
80°	0.0	10.9	21.8	32.7	43.5	54.2	68.1	96.6	124.8	152.5	179.8
77.5°	0.0	13.6	27.2	40.7	54.2	75.6	111.6	147.1	182.3	216.9	258.6
75°	0.0	16.3	32.5	48.7	68.1	111.6	154.6	197.2	241.7	302.0	361.3
72.5°	0.0	18.9	37.8	56.6	96.6	147.1	197.2	252.6	323.8	394.0	463.0
70°	0.0	21.5	43.0	66.9	124.8	182.3	241.7	323.8	404.9	485.1	571.7
67.5°	0.0	24.1	48.1	87.7	152.5	216.9	302.0	394.0	485.1	583.8	680.9
65°	0.0	26.6	53.1	108.2	179.8	258.6	361.3	463.0	571.7	680.9	787.1
62.5°	0.0	29.0	58.0	128.2	206.5	307.2	419.5	535.6	656.8	775.5	888.0
60°	0.0	31.4	62.8	147.9	232.6	354.6	476.4	608.6	740.1	864.8	987.0
57.5°	0.0	33.8	75.5	167.0	269.1	401.0	536.9	679.9	818.6	952.1	1092.6
55°	0.0	36.1	87.9	185.6	305.2	446.1	596.5	749.4	894.3	1039.8	1199.9
52.5°	0.0	38.3	99.9	203.6	340.2	490.6	654.4	814.2	968.0	1133.8	1304.3
50°	0.0	40.4	111.6	221.1	374.1	537.3	710.5	876.7	1042.2	1225.0	1434.1
47.5°	0.0	42.5	122.8	239.8	406.9	582.4	764.3	937.0	1120.5	1313.2	1563.1
45°	0.0	44.5	133.6	263.3	438.3	625.7	814.0	995.1	1196.0	1424.3	1687.5
42.5°	0.0	46.4	143.9	285.9	468.4	667.2	861.6	1055.2	1268.4	1531.6	1834.1
40°	0.0	48.2	153.7	307.4	498.6	706.9	907.1	1115.6	1344.7	1634.3	1979.0
37.5°	0.0	49.9	163.1	327.9	528.7	744.6	950.4	1173.0	1431.2	1739.3	2117.0
35°	0.0	51.5	171.9	347.2	557.1	779.1	991.3	1227.4	1513.2	1856.6	2258.0
32.5°	0.0	53.0	180.2	365.3	583.8	811.1	1031.4	1278.6	1590.5	1967.1	2406.2
30°	0.0	54.5	188.0	382.3	608.8	841.0	1072.2	1330.0	1662.8	2070.7	2545.1
27.5°	0.0	55.8	195.2	398.0	632.0	868.7	1110.1	1388.4	1736.6	2167.0	2674.4
25°	0.0	57.0	201.8	412.5	653.3	894.2	1145.0	1442.3	1815.0	2267.3	2795.2
22.5°	0.0	58.1	207.8	425.7	672.7	917.5	1176.9	1491.4	1886.4	2364.5	2936.3
20°	0.0	59.1	213.2	437.5	690.2	938.5	1205.6	1535.6	1950.9	2452.2	3063.7
17.5°	0.0	60.0	218.0	448.1	705.7	957.1	1231.0	1574.9	2008.2	2530.2	3177.0
15°	0.0	60.8	222.2	457.2	719.2	973.2	1253.2	1609.2	2058.1	2598.2	3275.9
12.5°	0.0	61.4	225.8	465.0	730.7	987.0	1272.0	1638.3	2100.6	2656.1	3360.1
10°	0.0	61.9	228.7	471.4	740.1	998.3	1287.5	1662.2	2135.5	2703.7	3429.4
7.5°	0.0	62.4	231.0	476.4	747.4	1007.1	1299.6	1680.9	2162.7	2740.8	3483.5
5°	0.0	62.7	232.6	479.9	752.7	1013.4	1308.3	1694.3	2182.3	2767.5	3522.2
2.5°	0.0	62.8	233.6	482.1	755.8	1017.2	1313.5	1702.3	2194.0	2783.5	3545.5
0°	0.0	62.9	233.9	482.8	756.9	1018.5	1315.2	1705.0	2197.9	2788.8	3553.3
-2.5°	0.0	62.8	233.6	482.1	755.8	1017.2	1313.5	1702.3	2194.0	2783.5	3545.5
-5°	0.0	62.7	232.6	479.9	752.7	1013.4	1308.3	1694.3	2182.3	2767.5	3522.2
-7.5°	0.0	62.4	231.0	476.4	747.4	1007.1	1299.6	1680.9	2162.7	2740.8	3483.5
-10°	0.0	61.9	228.7	471.4	740.1	998.3	1287.5	1662.2	2135.5	2703.7	3429.4
-12.5°	0.0	61.4	225.8	465.0	730.7	987.0	1272.0	1638.3	2100.6	2656.1	3360.1
-15°	0.0	60.8	222.2	457.2	719.2	973.2	1253.2	1609.2	2058.1	2598.2	3275.9
-17.5°	0.0	60.0	218.0	448.1	705.7	957.1	1231.0	1574.9	2008.2	2530.2	3177.0
-20°	0.0	59.1	213.2	437.5	690.2	938.5	1205.6	1535.6	1950.9	2452.2	3063.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	58.1	207.8	425.7	672.7	917.5	1176.9	1491.4	1886.4	2364.5	2936.3
-25°	0.0	57.0	201.8	412.5	653.3	894.2	1145.0	1442.3	1815.0	2267.3	2795.2
-27.5°	0.0	55.8	195.2	398.0	632.0	868.7	1110.1	1388.4	1736.6	2167.0	2674.4
-30°	0.0	54.5	188.0	382.3	608.8	841.0	1072.2	1330.0	1662.8	2070.7	2545.1
-32.5°	0.0	53.0	180.2	365.3	583.8	811.1	1031.4	1278.6	1590.5	1967.1	2406.2
-35°	0.0	51.5	171.9	347.2	557.1	779.1	991.3	1227.4	1513.2	1856.6	2258.0
-37.5°	0.0	49.9	163.1	327.9	528.7	744.6	950.4	1173.0	1431.2	1739.3	2117.0
-40°	0.0	48.2	153.7	307.4	498.6	706.9	907.1	1115.6	1344.7	1634.3	1979.0
-42.5°	0.0	46.4	143.9	285.9	468.4	667.2	861.6	1055.2	1268.4	1531.6	1834.1
-45°	0.0	44.5	133.6	263.3	438.3	625.7	814.0	995.1	1196.0	1424.3	1687.5
-47.5°	0.0	42.5	122.8	239.8	406.9	582.4	764.3	937.0	1120.5	1313.2	1563.1
-50°	0.0	40.4	111.6	221.1	374.1	537.3	710.5	876.7	1042.2	1225.0	1434.1
-52.5°	0.0	38.3	99.9	203.6	340.2	490.6	654.4	814.2	968.0	1133.8	1304.3
-55°	0.0	36.1	87.9	185.6	305.2	446.1	596.5	749.4	894.3	1039.8	1199.9
-57.5°	0.0	33.8	75.5	167.0	269.1	401.0	536.9	679.9	818.6	952.1	1092.6
-60°	0.0	31.4	62.8	147.9	232.6	354.6	476.4	608.6	740.1	864.8	987.0
-62.5°	0.0	29.0	58.0	128.2	206.5	307.2	419.5	535.6	656.8	775.5	888.0
-65°	0.0	26.6	53.1	108.2	179.8	258.6	361.3	463.0	571.7	680.9	787.1
-67.5°	0.0	24.1	48.1	87.7	152.5	216.9	302.0	394.0	485.1	583.8	680.9
-70°	0.0	21.5	43.0	66.9	124.8	182.3	241.7	323.8	404.9	485.1	571.7
-72.5°	0.0	18.9	37.8	56.6	96.6	147.1	197.2	252.6	323.8	394.0	463.0
-75°	0.0	16.3	32.5	48.7	68.1	111.6	154.6	197.2	241.7	302.0	361.3
-77.5°	0.0	13.6	27.2	40.7	54.2	75.6	111.6	147.1	182.3	216.9	258.6
-80°	0.0	10.9	21.8	32.7	43.5	54.2	68.1	96.6	124.8	152.5	179.8
-82.5°	0.0	8.2	16.4	24.6	32.7	40.7	48.7	56.6	66.9	87.7	108.2
-85°	0.0	5.5	11.0	16.4	21.8	27.2	32.5	37.8	43.0	48.1	53.1
-87.5°	0.0	2.7	5.5	8.2	10.9	13.6	16.3	18.9	21.5	24.1	26.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	29.0	31.4	33.8	36.1	38.3	40.4	42.5	44.5	46.4	48.2	49.9
85°	58.0	62.8	75.5	87.9	99.9	111.6	122.8	133.6	143.9	153.7	163.1
82.5°	128.2	147.9	167.0	185.6	203.6	221.1	239.8	263.3	285.9	307.4	327.9
80°	206.5	232.6	269.1	305.2	340.2	374.1	406.9	438.3	468.4	498.6	528.7
77.5°	307.2	354.6	401.0	446.1	490.6	537.3	582.4	625.7	667.2	706.9	744.6
75°	419.5	476.4	536.9	596.5	654.4	710.5	764.3	814.0	861.6	907.1	950.4
72.5°	535.6	608.6	679.9	749.4	814.2	876.7	937.0	995.1	1055.2	1115.6	1173.0
70°	656.8	740.1	818.6	894.3	968.0	1042.2	1120.5	1196.0	1268.4	1344.7	1431.2
67.5°	775.5	864.8	952.1	1039.8	1133.8	1225.0	1313.2	1424.3	1531.6	1634.3	1739.3
65°	888.0	987.0	1092.6	1199.9	1304.3	1434.1	1563.1	1687.5	1834.1	1979.0	2117.0
62.5°	998.7	1119.2	1239.8	1371.0	1521.9	1668.5	1838.5	2011.9	2178.9	2366.9	2549.9
60°	1119.2	1253.2	1406.2	1574.9	1748.6	1950.9	2147.2	2364.5	2583.6	2795.2	3055.0
57.5°	1239.8	1406.2	1592.7	1793.7	2018.9	2246.2	2501.4	2748.4	3044.8	3340.8	3635.3
55°	1371.0	1574.9	1793.7	2041.6	2301.1	2584.3	2880.3	3225.3	3559.3	3931.3	4287.6
52.5°	1521.9	1748.6	2018.9	2301.1	2612.0	2952.6	3334.6	3729.7	4145.7	4549.7	4946.0
50°	1668.5	1950.9	2246.2	2584.3	2952.6	3371.2	3815.4	4275.5	4729.7	5172.8	5587.8
47.5°	1838.5	2147.2	2501.4	2880.3	3334.6	3815.4	4319.0	4820.4	5310.3	5764.8	6200.2
45°	2011.9	2364.5	2748.4	3225.3	3729.7	4275.5	4820.4	5356.4	5854.1	6323.7	6734.6
42.5°	2178.9	2583.6	3044.8	3559.3	4145.7	4729.7	5310.3	5854.1	6363.9	6816.3	7229.0
40°	2366.9	2795.2	3340.8	3931.3	4549.7	5172.8	5764.8	6323.7	6816.3	7266.6	7684.6
37.5°	2549.9	3055.0	3635.3	4287.6	4946.0	5587.8	6200.2	6734.6	7229.0	7684.6	8085.5
35°	2723.8	3302.0	3948.2	4633.0	5324.2	5976.7	6572.7	7116.8	7608.0	8050.1	8460.0
32.5°	2917.0	3535.5	4244.4	4964.8	5668.7	6333.2	6924.0	7456.3	7944.6	8393.5	8800.6
30°	3116.3	3787.3	4525.4	5277.3	5992.3	6642.2	7232.1	7771.1	8255.5	8699.0	9097.9
27.5°	3302.0	4024.8	4793.6	5560.1	6287.9	6932.1	7514.0	8044.6	8531.9	8978.3	9365.0
25°	3473.5	4244.4	5041.8	5818.9	6536.8	7182.5	7769.6	8299.9	8784.4	9212.8	9588.7
22.5°	3642.8	4445.5	5269.3	6056.4	6765.4	7406.2	7988.1	8519.7	9004.5	9429.0	9789.6
20°	3807.3	4633.0	5470.0	6267.0	6972.9	7609.6	8187.0	8717.6	9189.5	9600.4	9959.4
17.5°	3953.8	4800.0	5645.5	6437.0	7143.5	7783.2	8363.0	8895.4	9355.9	9755.1	10106.1
15°	4081.8	4946.0	5799.1	6585.9	7290.3	7927.5	8507.2	9033.8	9491.2	9887.1	10235.6
12.5°	4190.8	5070.4	5930.1	6713.1	7415.7	8050.9	8630.8	9150.1	9599.8	9990.5	10331.5
10°	4280.4	5172.8	6038.0	6817.9	7519.1	8152.9	8733.0	9246.4	9689.8	10076.5	10411.4
7.5°	4350.5	5252.9	6122.4	6899.9	7600.2	8232.8	8813.2	9322.0	9760.6	10144.2	10474.5
5°	4400.7	5310.3	6182.9	6958.7	7658.4	8290.2	8870.9	9376.4	9811.6	10193.0	10520.0
2.5°	4430.9	5344.9	6219.3	6994.2	7693.4	8324.8	8905.6	9409.2	9842.4	10222.5	10547.6
0°	4441.0	5356.4	6231.5	7006.0	7705.1	8336.3	8917.2	9420.2	9852.7	10232.4	10556.8
-2.5°	4430.9	5344.9	6219.3	6994.2	7693.4	8324.8	8905.6	9409.2	9842.4	10222.5	10547.6
-5°	4400.7	5310.3	6182.9	6958.7	7658.4	8290.2	8870.9	9376.4	9811.6	10193.0	10520.0
-7.5°	4350.5	5252.9	6122.4	6899.9	7600.2	8232.8	8813.2	9322.0	9760.6	10144.2	10474.5
-10°	4280.4	5172.8	6038.0	6817.9	7519.1	8152.9	8733.0	9246.4	9689.8	10076.5	10411.4
-12.5°	4190.8	5070.4	5930.1	6713.1	7415.7	8050.9	8630.8	9150.1	9599.8	9990.5	10331.5
-15°	4081.8	4946.0	5799.1	6585.9	7290.3	7927.5	8507.2	9033.8	9491.2	9887.1	10235.6
-17.5°	3953.8	4800.0	5645.5	6437.0	7143.5	7783.2	8363.0	8895.4	9355.9	9755.1	10106.1
-20°	3807.3	4633.0	5470.0	6267.0	6972.9	7609.6	8187.0	8717.6	9189.5	9600.4	9959.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3642.8	4445.5	5269.3	6056.4	6765.4	7406.2	7988.1	8519.7	9004.5	9429.0	9789.6
-25°	3473.5	4244.4	5041.8	5818.9	6536.8	7182.5	7769.6	8299.9	8784.4	9212.8	9588.7
-27.5°	3302.0	4024.8	4793.6	5560.1	6287.9	6932.1	7514.0	8044.6	8531.9	8978.3	9365.0
-30°	3116.3	3787.3	4525.4	5277.3	5992.3	6642.2	7232.1	7771.1	8255.5	8699.0	9097.9
-32.5°	2917.0	3535.5	4244.4	4964.8	5668.7	6333.2	6924.0	7456.3	7944.6	8393.5	8800.6
-35°	2723.8	3302.0	3948.2	4633.0	5324.2	5976.7	6572.7	7116.8	7608.0	8050.1	8460.0
-37.5°	2549.9	3055.0	3635.3	4287.6	4946.0	5587.8	6200.2	6734.6	7229.0	7684.6	8085.5
-40°	2366.9	2795.2	3340.8	3931.3	4549.7	5172.8	5764.8	6323.7	6816.3	7266.6	7684.6
-42.5°	2178.9	2583.6	3044.8	3559.3	4145.7	4729.7	5310.3	5854.1	6363.9	6816.3	7229.0
-45°	2011.9	2364.5	2748.4	3225.3	3729.7	4275.5	4820.4	5356.4	5854.1	6323.7	6734.6
-47.5°	1838.5	2147.2	2501.4	2880.3	3334.6	3815.4	4319.0	4820.4	5310.3	5764.8	6200.2
-50°	1668.5	1950.9	2246.2	2584.3	2952.6	3371.2	3815.4	4275.5	4729.7	5172.8	5587.8
-52.5°	1521.9	1748.6	2018.9	2301.1	2612.0	2952.6	3334.6	3729.7	4145.7	4549.7	4946.0
-55°	1371.0	1574.9	1793.7	2041.6	2301.1	2584.3	2880.3	3225.3	3559.3	3931.3	4287.6
-57.5°	1239.8	1406.2	1592.7	1793.7	2018.9	2246.2	2501.4	2748.4	3044.8	3340.8	3635.3
-60°	1119.2	1253.2	1406.2	1574.9	1748.6	1950.9	2147.2	2364.5	2583.6	2795.2	3055.0
-62.5°	998.7	1119.2	1239.8	1371.0	1521.9	1668.5	1838.5	2011.9	2178.9	2366.9	2549.9
-65°	888.0	987.0	1092.6	1199.9	1304.3	1434.1	1563.1	1687.5	1834.1	1979.0	2117.0
-67.5°	775.5	864.8	952.1	1039.8	1133.8	1225.0	1313.2	1424.3	1531.6	1634.3	1739.3
-70°	656.8	740.1	818.6	894.3	968.0	1042.2	1120.5	1196.0	1268.4	1344.7	1431.2
-72.5°	535.6	608.6	679.9	749.4	814.2	876.7	937.0	995.1	1055.2	1115.6	1173.0
-75°	419.5	476.4	536.9	596.5	654.4	710.5	764.3	814.0	861.6	907.1	950.4
-77.5°	307.2	354.6	401.0	446.1	490.6	537.3	582.4	625.7	667.2	706.9	744.6
-80°	206.5	232.6	269.1	305.2	340.2	374.1	406.9	438.3	468.4	498.6	528.7
-82.5°	128.2	147.9	167.0	185.6	203.6	221.1	239.8	263.3	285.9	307.4	327.9
-85°	58.0	62.8	75.5	87.9	99.9	111.6	122.8	133.6	143.9	153.7	163.1
-87.5°	29.0	31.4	33.8	36.1	38.3	40.4	42.5	44.5	46.4	48.2	49.9
-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	51.5	53.0	54.5	55.8	57.0	58.1	59.1	60.0	60.8	61.4	61.9
85°	171.9	180.2	188.0	195.2	201.8	207.8	213.2	218.0	222.2	225.8	228.7
82.5°	347.2	365.3	382.3	398.0	412.5	425.7	437.5	448.1	457.2	465.0	471.4
80°	557.1	583.8	608.8	632.0	653.3	672.7	690.2	705.7	719.2	730.7	740.1
77.5°	779.1	811.1	841.0	868.7	894.2	917.5	938.5	957.1	973.2	987.0	998.3
75°	991.3	1031.4	1072.2	1110.1	1145.0	1176.9	1205.6	1231.0	1253.2	1272.0	1287.5
72.5°	1227.4	1278.6	1330.0	1388.4	1442.3	1491.4	1535.6	1574.9	1609.2	1638.3	1662.2
70°	1513.2	1590.5	1662.8	1736.6	1815.0	1886.4	1950.9	2008.2	2058.1	2100.6	2135.5
67.5°	1856.6	1967.1	2070.7	2167.0	2267.3	2364.5	2452.2	2530.2	2598.2	2656.1	2703.7
65°	2258.0	2406.2	2545.1	2674.4	2795.2	2936.3	3063.7	3177.0	3275.9	3360.1	3429.4
62.5°	2723.8	2917.0	3116.3	3302.0	3473.5	3642.8	3807.3	3953.8	4081.8	4190.8	4280.4
60°	3302.0	3535.5	3787.3	4024.8	4244.4	4445.5	4633.0	4800.0	4946.0	5070.4	5172.8
57.5°	3948.2	4244.4	4525.4	4793.6	5041.8	5269.3	5470.0	5645.5	5799.1	5930.1	6038.0
55°	4633.0	4964.8	5277.3	5560.1	5818.9	6056.4	6267.0	6437.0	6585.9	6713.1	6817.9
52.5°	5324.2	5668.7	5992.3	6287.9	6536.8	6765.4	6972.9	7143.5	7290.3	7415.7	7519.1
50°	5976.7	6333.2	6642.2	6932.1	7182.5	7406.2	7609.6	7783.2	7927.5	8050.9	8152.9
47.5°	6572.7	6924.0	7232.1	7514.0	7769.6	7988.1	8187.0	8363.0	8507.2	8630.8	8733.0
45°	7116.8	7456.3	7771.1	8044.6	8299.9	8519.7	8717.6	8895.4	9033.8	9150.1	9246.4
42.5°	7608.0	7944.6	8255.5	8531.9	8784.4	9004.5	9189.5	9355.9	9491.2	9599.8	9689.8
40°	8050.1	8393.5	8699.0	8978.3	9212.8	9429.0	9600.4	9755.1	9887.1	9990.5	10076.5
37.5°	8460.0	8800.6	9097.9	9365.0	9588.7	9789.6	9959.4	10106.1	10235.6	10331.5	10411.4
35°	8834.7	9158.4	9452.5	9697.3	9919.0	10108.3	10275.4	10410.7	10531.0	10622.5	10695.4
32.5°	9158.4	9479.3	9752.3	9993.3	10209.8	10386.4	10546.7	10670.7	10779.9	10867.9	10935.6
30°	9452.5	9752.3	10018.3	10257.1	10454.3	10626.3	10770.7	10891.7	10992.6	11076.6	11136.1
27.5°	9697.3	9993.3	10257.1	10477.2	10665.9	10831.5	10963.7	11080.2	11168.3	11245.6	11296.8
25°	9919.0	10209.8	10454.3	10665.9	10849.2	11000.4	11126.2	11231.7	11309.8	11376.0	11414.0
22.5°	10108.3	10386.4	10626.3	10831.5	11000.4	11141.7	11260.2	11349.6	11413.5	11453.5	11476.1
20°	10275.4	10546.7	10770.7	10963.7	11126.2	11260.2	11363.1	11429.2	11473.7	11484.7	11491.1
17.5°	10410.7	10670.7	10891.7	11080.2	11231.7	11349.6	11429.2	11475.8	11489.1	11486.7	11480.1
15°	10531.0	10779.9	10992.6	11168.3	11309.8	11413.5	11473.7	11489.1	11485.2	11471.7	11451.0
12.5°	10622.5	10867.9	11076.6	11245.6	11376.0	11453.5	11484.7	11486.7	11471.7	11446.0	11416.6
10°	10695.4	10935.6	11136.1	11296.8	11414.0	11476.1	11491.1	11480.1	11451.0	11416.6	11384.0
7.5°	10753.0	10989.3	11183.5	11337.6	11439.0	11483.0	11486.3	11465.5	11430.6	11391.5	11356.2
5°	10794.7	11028.3	11217.9	11367.4	11457.3	11488.1	11482.7	11454.1	11413.6	11372.7	11340.4
2.5°	10819.9	11051.9	11238.9	11385.6	11468.4	11491.2	11480.5	11446.9	11403.0	11360.7	11330.0
0°	10828.4	11059.8	11245.9	11391.7	11472.2	11492.3	11479.7	11444.5	11399.3	11356.5	11326.3
-2.5°	10819.9	11051.9	11238.9	11385.6	11468.4	11491.2	11480.5	11446.9	11403.0	11360.7	11330.0
-5°	10794.7	11028.3	11217.9	11367.4	11457.3	11488.1	11482.7	11454.1	11413.6	11372.7	11340.4
-7.5°	10753.0	10989.3	11183.5	11337.6	11439.0	11483.0	11486.3	11465.5	11430.6	11391.5	11356.2
-10°	10695.4	10935.6	11136.1	11296.8	11414.0	11476.1	11491.1	11480.1	11451.0	11416.6	11384.0
-12.5°	10622.5	10867.9	11076.6	11245.6	11376.0	11453.5	11484.7	11486.7	11471.7	11446.0	11416.6
-15°	10531.0	10779.9	10992.6	11168.3	11309.8	11413.5	11473.7	11489.1	11485.2	11471.7	11451.0
-17.5°	10410.7	10670.7	10891.7	11080.2	11231.7	11349.6	11429.2	11475.8	11489.1	11486.7	11480.1
-20°	10275.4	10546.7	10770.7	10963.7	11126.2	11260.2	11363.1	11429.2	11473.7	11484.7	11491.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10108.3	10386.4	10626.3	10831.5	11000.4	11141.7	11260.2	11349.6	11413.5	11453.5	11476.1
-25°	9919.0	10209.8	10454.3	10665.9	10849.2	11000.4	11126.2	11231.7	11309.8	11376.0	11414.0
-27.5°	9697.3	9993.3	10257.1	10477.2	10665.9	10831.5	10963.7	11080.2	11168.3	11245.6	11296.8
-30°	9452.5	9752.3	10018.3	10257.1	10454.3	10626.3	10770.7	10891.7	10992.6	11076.6	11136.1
-32.5°	9158.4	9479.3	9752.3	9993.3	10209.8	10386.4	10546.7	10670.7	10779.9	10867.9	10935.6
-35°	8834.7	9158.4	9452.5	9697.3	9919.0	10108.3	10275.4	10410.7	10531.0	10622.5	10695.4
-37.5°	8460.0	8800.6	9097.9	9365.0	9588.7	9789.6	9959.4	10106.1	10235.6	10331.5	10411.4
-40°	8050.1	8393.5	8699.0	8978.3	9212.8	9429.0	9600.4	9755.1	9887.1	9990.5	10076.5
-42.5°	7608.0	7944.6	8255.5	8531.9	8784.4	9004.5	9189.5	9355.9	9491.2	9599.8	9689.8
-45°	7116.8	7456.3	7771.1	8044.6	8299.9	8519.7	8717.6	8895.4	9033.8	9150.1	9246.4
-47.5°	6572.7	6924.0	7232.1	7514.0	7769.6	7988.1	8187.0	8363.0	8507.2	8630.8	8733.0
-50°	5976.7	6333.2	6642.2	6932.1	7182.5	7406.2	7609.6	7783.2	7927.5	8050.9	8152.9
-52.5°	5324.2	5668.7	5992.3	6287.9	6536.8	6765.4	6972.9	7143.5	7290.3	7415.7	7519.1
-55°	4633.0	4964.8	5277.3	5560.1	5818.9	6056.4	6267.0	6437.0	6585.9	6713.1	6817.9
-57.5°	3948.2	4244.4	4525.4	4793.6	5041.8	5269.3	5470.0	5645.5	5799.1	5930.1	6038.0
-60°	3302.0	3535.5	3787.3	4024.8	4244.4	4445.5	4633.0	4800.0	4946.0	5070.4	5172.8
-62.5°	2723.8	2917.0	3116.3	3302.0	3473.5	3642.8	3807.3	3953.8	4081.8	4190.8	4280.4
-65°	2258.0	2406.2	2545.1	2674.4	2795.2	2936.3	3063.7	3177.0	3275.9	3360.1	3429.4
-67.5°	1856.6	1967.1	2070.7	2167.0	2267.3	2364.5	2452.2	2530.2	2598.2	2656.1	2703.7
-70°	1513.2	1590.5	1662.8	1736.6	1815.0	1886.4	1950.9	2008.2	2058.1	2100.6	2135.5
-72.5°	1227.4	1278.6	1330.0	1388.4	1442.3	1491.4	1535.6	1574.9	1609.2	1638.3	1662.2
-75°	991.3	1031.4	1072.2	1110.1	1145.0	1176.9	1205.6	1231.0	1253.2	1272.0	1287.5
-77.5°	779.1	811.1	841.0	868.7	894.2	917.5	938.5	957.1	973.2	987.0	998.3
-80°	557.1	583.8	608.8	632.0	653.3	672.7	690.2	705.7	719.2	730.7	740.1
-82.5°	347.2	365.3	382.3	398.0	412.5	425.7	437.5	448.1	457.2	465.0	471.4
-85°	171.9	180.2	188.0	195.2	201.8	207.8	213.2	218.0	222.2	225.8	228.7
-87.5°	51.5	53.0	54.5	55.8	57.0	58.1	59.1	60.0	60.8	61.4	61.9
-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	62.4	62.7	62.8	62.9	62.8	62.7	62.4	61.9	61.4	60.8	60.0
85°	231.0	232.6	233.6	233.9	233.6	232.6	231.0	228.7	225.8	222.2	218.0
82.5°	476.4	479.9	482.1	482.8	482.1	479.9	476.4	471.4	465.0	457.2	448.1
80°	747.4	752.7	755.8	756.9	755.8	752.7	747.4	740.1	730.7	719.2	705.7
77.5°	1007.1	1013.4	1017.2	1018.5	1017.2	1013.4	1007.1	998.3	987.0	973.2	957.1
75°	1299.6	1308.3	1313.5	1315.2	1313.5	1308.3	1299.6	1287.5	1272.0	1253.2	1231.0
72.5°	1680.9	1694.3	1702.3	1705.0	1702.3	1694.3	1680.9	1662.2	1638.3	1609.2	1574.9
70°	2162.7	2182.3	2194.0	2197.9	2194.0	2182.3	2162.7	2135.5	2100.6	2058.1	2008.2
67.5°	2740.8	2767.5	2783.5	2788.8	2783.5	2767.5	2740.8	2703.7	2656.1	2598.2	2530.2
65°	3483.5	3522.2	3545.5	3553.3	3545.5	3522.2	3483.5	3429.4	3360.1	3275.9	3177.0
62.5°	4350.5	4400.7	4430.9	4441.0	4430.9	4400.7	4350.5	4280.4	4190.8	4081.8	3953.8
60°	5252.9	5310.3	5344.9	5356.4	5344.9	5310.3	5252.9	5172.8	5070.4	4946.0	4800.0
57.5°	6122.4	6182.9	6219.3	6231.5	6219.3	6182.9	6122.4	6038.0	5930.1	5799.1	5645.5
55°	6899.9	6958.7	6994.2	7006.0	6994.2	6958.7	6899.9	6817.9	6713.1	6585.9	6437.0
52.5°	7600.2	7658.4	7693.4	7705.1	7693.4	7658.4	7600.2	7519.1	7415.7	7290.3	7143.5
50°	8232.8	8290.2	8324.8	8336.3	8324.8	8290.2	8232.8	8152.9	8050.9	7927.5	7783.2
47.5°	8813.2	8870.9	8905.6	8917.2	8905.6	8870.9	8813.2	8733.0	8630.8	8507.2	8363.0
45°	9322.0	9376.4	9409.2	9420.2	9409.2	9376.4	9322.0	9246.4	9150.1	9033.8	8895.4
42.5°	9760.6	9811.6	9842.4	9852.7	9842.4	9811.6	9760.6	9689.8	9599.8	9491.2	9355.9
40°	10144.2	10193.0	10222.5	10232.4	10222.5	10193.0	10144.2	10076.5	9990.5	9887.1	9755.1
37.5°	10474.5	10520.0	10547.6	10556.8	10547.6	10520.0	10474.5	10411.4	10331.5	10235.6	10106.1
35°	10753.0	10794.7	10819.9	10828.4	10819.9	10794.7	10753.0	10695.4	10622.5	10531.0	10410.7
32.5°	10989.3	11028.3	11051.9	11059.8	11051.9	11028.3	10989.3	10935.6	10867.9	10779.9	10670.7
30°	11183.5	11217.9	11238.9	11245.9	11238.9	11217.9	11183.5	11136.1	11076.6	10992.6	10891.7
27.5°	11337.6	11367.4	11385.6	11391.7	11385.6	11367.4	11337.6	11296.8	11245.6	11168.3	11080.2
25°	11439.0	11457.3	11468.4	11472.2	11468.4	11457.3	11439.0	11414.0	11376.0	11309.8	11231.7
22.5°	11483.0	11488.1	11491.2	11492.3	11491.2	11488.1	11483.0	11476.1	11453.5	11413.5	11349.6
20°	11486.3	11482.7	11480.5	11479.7	11480.5	11482.7	11486.3	11491.1	11484.7	11473.7	11429.2
17.5°	11465.5	11454.1	11446.9	11444.5	11446.9	11454.1	11465.5	11480.1	11486.7	11489.1	11475.8
15°	11430.6	11413.6	11403.0	11399.3	11403.0	11413.6	11430.6	11451.0	11471.7	11485.2	11489.1
12.5°	11391.5	11372.7	11360.7	11356.5	11360.7	11372.7	11391.5	11416.6	11446.0	11471.7	11486.7
10°	11356.2	11340.4	11330.0	11326.3	11330.0	11340.4	11356.2	11384.0	11416.6	11451.0	11480.1
7.5°	11333.4	11319.3	11311.5	11308.7	11311.5	11319.3	11333.4	11356.2	11391.5	11430.6	11465.5
5°	11319.3	11305.2	11293.3	11288.6	11293.3	11305.2	11319.3	11340.4	11372.7	11413.6	11454.1
2.5°	11311.5	11293.3	11275.4	11266.0	11275.4	11293.3	11311.5	11330.0	11360.7	11403.0	11446.9
0°	11308.7	11288.6	11266.0	11268.5	11266.0	11288.6	11308.7	11326.3	11356.5	11399.3	11444.5
-2.5°	11311.5	11293.3	11275.4	11266.0	11275.4	11293.3	11311.5	11330.0	11360.7	11403.0	11446.9
-5°	11319.3	11305.2	11293.3	11288.6	11293.3	11305.2	11319.3	11340.4	11372.7	11413.6	11454.1
-7.5°	11333.4	11319.3	11311.5	11308.7	11311.5	11319.3	11333.4	11356.2	11391.5	11430.6	11465.5
-10°	11356.2	11340.4	11330.0	11326.3	11330.0	11340.4	11356.2	11384.0	11416.6	11451.0	11480.1
-12.5°	11391.5	11372.7	11360.7	11356.5	11360.7	11372.7	11391.5	11416.6	11446.0	11471.7	11486.7
-15°	11430.6	11413.6	11403.0	11399.3	11403.0	11413.6	11430.6	11451.0	11471.7	11485.2	11489.1
-17.5°	11465.5	11454.1	11446.9	11444.5	11446.9	11454.1	11465.5	11480.1	11486.7	11489.1	11475.8
-20°	11486.3	11482.7	11480.5	11479.7	11480.5	11482.7	11486.3	11491.1	11484.7	11473.7	11429.2



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11483.0	11488.1	11491.2	11492.3	11491.2	11488.1	11483.0	11476.1	11453.5	11413.5	11349.6
-25°	11439.0	11457.3	11468.4	11472.2	11468.4	11457.3	11439.0	11414.0	11376.0	11309.8	11231.7
-27.5°	11337.6	11367.4	11385.6	11391.7	11385.6	11367.4	11337.6	11296.8	11245.6	11168.3	11080.2
-30°	11183.5	11217.9	11238.9	11245.9	11238.9	11217.9	11183.5	11136.1	11076.6	10992.6	10891.7
-32.5°	10989.3	11028.3	11051.9	11059.8	11051.9	11028.3	10989.3	10935.6	10867.9	10779.9	10670.7
-35°	10753.0	10794.7	10819.9	10828.4	10819.9	10794.7	10753.0	10695.4	10622.5	10531.0	10410.7
-37.5°	10474.5	10520.0	10547.6	10556.8	10547.6	10520.0	10474.5	10411.4	10331.5	10235.6	10106.1
-40°	10144.2	10193.0	10222.5	10232.4	10222.5	10193.0	10144.2	10076.5	9990.5	9887.1	9755.1
-42.5°	9760.6	9811.6	9842.4	9852.7	9842.4	9811.6	9760.6	9689.8	9599.8	9491.2	9355.9
-45°	9322.0	9376.4	9409.2	9420.2	9409.2	9376.4	9322.0	9246.4	9150.1	9033.8	8895.4
-47.5°	8813.2	8870.9	8905.6	8917.2	8905.6	8870.9	8813.2	8733.0	8630.8	8507.2	8363.0
-50°	8232.8	8290.2	8324.8	8336.3	8324.8	8290.2	8232.8	8152.9	8050.9	7927.5	7783.2
-52.5°	7600.2	7658.4	7693.4	7705.1	7693.4	7658.4	7600.2	7519.1	7415.7	7290.3	7143.5
-55°	6899.9	6958.7	6994.2	7006.0	6994.2	6958.7	6899.9	6817.9	6713.1	6585.9	6437.0
-57.5°	6122.4	6182.9	6219.3	6231.5	6219.3	6182.9	6122.4	6038.0	5930.1	5799.1	5645.5
-60°	5252.9	5310.3	5344.9	5356.4	5344.9	5310.3	5252.9	5172.8	5070.4	4946.0	4800.0
-62.5°	4350.5	4400.7	4430.9	4441.0	4430.9	4400.7	4350.5	4280.4	4190.8	4081.8	3953.8
-65°	3483.5	3522.2	3545.5	3553.3	3545.5	3522.2	3483.5	3429.4	3360.1	3275.9	3177.0
-67.5°	2740.8	2767.5	2783.5	2788.8	2783.5	2767.5	2740.8	2703.7	2656.1	2598.2	2530.2
-70°	2162.7	2182.3	2194.0	2197.9	2194.0	2182.3	2162.7	2135.5	2100.6	2058.1	2008.2
-72.5°	1680.9	1694.3	1702.3	1705.0	1702.3	1694.3	1680.9	1662.2	1638.3	1609.2	1574.9
-75°	1299.6	1308.3	1313.5	1315.2	1313.5	1308.3	1299.6	1287.5	1272.0	1253.2	1231.0
-77.5°	1007.1	1013.4	1017.2	1018.5	1017.2	1013.4	1007.1	998.3	987.0	973.2	957.1
-80°	747.4	752.7	755.8	756.9	755.8	752.7	747.4	740.1	730.7	719.2	705.7
-82.5°	476.4	479.9	482.1	482.8	482.1	479.9	476.4	471.4	465.0	457.2	448.1
-85°	231.0	232.6	233.6	233.9	233.6	232.6	231.0	228.7	225.8	222.2	218.0
-87.5°	62.4	62.7	62.8	62.9	62.8	62.7	62.4	61.9	61.4	60.8	60.0
-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	59.1	58.1	57.0	55.8	54.5	53.0	51.5	49.9	48.2	46.4	44.5
85°	213.2	207.8	201.8	195.2	188.0	180.2	171.9	163.1	153.7	143.9	133.6
82.5°	437.5	425.7	412.5	398.0	382.3	365.3	347.2	327.9	307.4	285.9	263.3
80°	690.2	672.7	653.3	632.0	608.8	583.8	557.1	528.7	498.6	468.4	438.3
77.5°	938.5	917.5	894.2	868.7	841.0	811.1	779.1	744.6	706.9	667.2	625.7
75°	1205.6	1176.9	1145.0	1110.1	1072.2	1031.4	991.3	950.4	907.1	861.6	814.0
72.5°	1535.6	1491.4	1442.3	1388.4	1330.0	1278.6	1227.4	1173.0	1115.6	1055.2	995.1
70°	1950.9	1886.4	1815.0	1736.6	1662.8	1590.5	1513.2	1431.2	1344.7	1268.4	1196.0
67.5°	2452.2	2364.5	2267.3	2167.0	2070.7	1967.1	1856.6	1739.3	1634.3	1531.6	1424.3
65°	3063.7	2936.3	2795.2	2674.4	2545.1	2406.2	2258.0	2117.0	1979.0	1834.1	1687.5
62.5°	3807.3	3642.8	3473.5	3302.0	3116.3	2917.0	2723.8	2549.9	2366.9	2178.9	2011.9
60°	4633.0	4445.5	4244.4	4024.8	3787.3	3535.5	3302.0	3055.0	2795.2	2583.6	2364.5
57.5°	5470.0	5269.3	5041.8	4793.6	4525.4	4244.4	3948.2	3635.3	3340.8	3044.8	2748.4
55°	6267.0	6056.4	5818.9	5560.1	5277.3	4964.8	4633.0	4287.6	3931.3	3559.3	3225.3
52.5°	6972.9	6765.4	6536.8	6287.9	5992.3	5668.7	5324.2	4946.0	4549.7	4145.7	3729.7
50°	7609.6	7406.2	7182.5	6932.1	6642.2	6333.2	5976.7	5587.8	5172.8	4729.7	4275.5
47.5°	8187.0	7988.1	7769.6	7514.0	7232.1	6924.0	6572.7	6200.2	5764.8	5310.3	4820.4
45°	8717.6	8519.7	8299.9	8044.6	7771.1	7456.3	7116.8	6734.6	6323.7	5854.1	5356.4
42.5°	9189.5	9004.5	8784.4	8531.9	8255.5	7944.6	7608.0	7229.0	6816.3	6363.9	5854.1
40°	9600.4	9429.0	9212.8	8978.3	8699.0	8393.5	8050.1	7684.6	7266.6	6816.3	6323.7
37.5°	9959.4	9789.6	9588.7	9365.0	9097.9	8800.6	8460.0	8085.5	7684.6	7229.0	6734.6
35°	10275.4	10108.3	9919.0	9697.3	9452.5	9158.4	8834.7	8460.0	8050.1	7608.0	7116.8
32.5°	10546.7	10386.4	10209.8	9993.3	9752.3	9479.3	9158.4	8800.6	8393.5	7944.6	7456.3
30°	10770.7	10626.3	10454.3	10257.1	10018.3	9752.3	9452.5	9097.9	8699.0	8255.5	7771.1
27.5°	10963.7	10831.5	10665.9	10477.2	10257.1	9993.3	9697.3	9365.0	8978.3	8531.9	8044.6
25°	11126.2	11000.4	10849.2	10665.9	10454.3	10209.8	9919.0	9588.7	9212.8	8784.4	8299.9
22.5°	11260.2	11141.7	11000.4	10831.5	10626.3	10386.4	10108.3	9789.6	9429.0	9004.5	8519.7
20°	11363.1	11260.2	11126.2	10963.7	10770.7	10546.7	10275.4	9959.4	9600.4	9189.5	8717.6
17.5°	11429.2	11349.6	11231.7	11080.2	10891.7	10670.7	10410.7	10106.1	9755.1	9355.9	8895.4
15°	11473.7	11413.5	11309.8	11168.3	10992.6	10779.9	10531.0	10235.6	9887.1	9491.2	9033.8
12.5°	11484.7	11453.5	11376.0	11245.6	11076.6	10867.9	10622.5	10331.5	9990.5	9599.8	9150.1
10°	11491.1	11476.1	11414.0	11296.8	11136.1	10935.6	10695.4	10411.4	10076.5	9689.8	9246.4
7.5°	11486.3	11483.0	11439.0	11337.6	11183.5	10989.3	10753.0	10474.5	10144.2	9760.6	9322.0
5°	11482.7	11488.1	11457.3	11367.4	11217.9	11028.3	10794.7	10520.0	10193.0	9811.6	9376.4
2.5°	11480.5	11491.2	11468.4	11385.6	11238.9	11051.9	10819.9	10547.6	10222.5	9842.4	9409.2
0°	11479.7	11492.3	11472.2	11391.7	11245.9	11059.8	10828.4	10556.8	10232.4	9852.7	9420.2
-2.5°	11480.5	11491.2	11468.4	11385.6	11238.9	11051.9	10819.9	10547.6	10222.5	9842.4	9409.2
-5°	11482.7	11488.1	11457.3	11367.4	11217.9	11028.3	10794.7	10520.0	10193.0	9811.6	9376.4
-7.5°	11486.3	11483.0	11439.0	11337.6	11183.5	10989.3	10753.0	10474.5	10144.2	9760.6	9322.0
-10°	11491.1	11476.1	11414.0	11296.8	11136.1	10935.6	10695.4	10411.4	10076.5	9689.8	9246.4
-12.5°	11484.7	11453.5	11376.0	11245.6	11076.6	10867.9	10622.5	10331.5	9990.5	9599.8	9150.1
-15°	11473.7	11413.5	11309.8	11168.3	10992.6	10779.9	10531.0	10235.6	9887.1	9491.2	9033.8
-17.5°	11429.2	11349.6	11231.7	11080.2	10891.7	10670.7	10410.7	10106.1	9755.1	9355.9	8895.4
-20°	11363.1	11260.2	11126.2	10963.7	10770.7	10546.7	10275.4	9959.4	9600.4	9189.5	8717.6



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11260.2	11141.7	11000.4	10831.5	10626.3	10386.4	10108.3	9789.6	9429.0	9004.5	8519.7
-25°	11126.2	11000.4	10849.2	10665.9	10454.3	10209.8	9919.0	9588.7	9212.8	8784.4	8299.9
-27.5°	10963.7	10831.5	10665.9	10477.2	10257.1	9993.3	9697.3	9365.0	8978.3	8531.9	8044.6
-30°	10770.7	10626.3	10454.3	10257.1	10018.3	9752.3	9452.5	9097.9	8699.0	8255.5	7771.1
-32.5°	10546.7	10386.4	10209.8	9993.3	9752.3	9479.3	9158.4	8800.6	8393.5	7944.6	7456.3
-35°	10275.4	10108.3	9919.0	9697.3	9452.5	9158.4	8834.7	8460.0	8050.1	7608.0	7116.8
-37.5°	9959.4	9789.6	9588.7	9365.0	9097.9	8800.6	8460.0	8085.5	7684.6	7229.0	6734.6
-40°	9600.4	9429.0	9212.8	8978.3	8699.0	8393.5	8050.1	7684.6	7266.6	6816.3	6323.7
-42.5°	9189.5	9004.5	8784.4	8531.9	8255.5	7944.6	7608.0	7229.0	6816.3	6363.9	5854.1
-45°	8717.6	8519.7	8299.9	8044.6	7771.1	7456.3	7116.8	6734.6	6323.7	5854.1	5356.4
-47.5°	8187.0	7988.1	7769.6	7514.0	7232.1	6924.0	6572.7	6200.2	5764.8	5310.3	4820.4
-50°	7609.6	7406.2	7182.5	6932.1	6642.2	6333.2	5976.7	5587.8	5172.8	4729.7	4275.5
-52.5°	6972.9	6765.4	6536.8	6287.9	5992.3	5668.7	5324.2	4946.0	4549.7	4145.7	3729.7
-55°	6267.0	6056.4	5818.9	5560.1	5277.3	4964.8	4633.0	4287.6	3931.3	3559.3	3225.3
-57.5°	5470.0	5269.3	5041.8	4793.6	4525.4	4244.4	3948.2	3635.3	3340.8	3044.8	2748.4
-60°	4633.0	4445.5	4244.4	4024.8	3787.3	3535.5	3302.0	3055.0	2795.2	2583.6	2364.5
-62.5°	3807.3	3642.8	3473.5	3302.0	3116.3	2917.0	2723.8	2549.9	2366.9	2178.9	2011.9
-65°	3063.7	2936.3	2795.2	2674.4	2545.1	2406.2	2258.0	2117.0	1979.0	1834.1	1687.5
-67.5°	2452.2	2364.5	2267.3	2167.0	2070.7	1967.1	1856.6	1739.3	1634.3	1531.6	1424.3
-70°	1950.9	1886.4	1815.0	1736.6	1662.8	1590.5	1513.2	1431.2	1344.7	1268.4	1196.0
-72.5°	1535.6	1491.4	1442.3	1388.4	1330.0	1278.6	1227.4	1173.0	1115.6	1055.2	995.1
-75°	1205.6	1176.9	1145.0	1110.1	1072.2	1031.4	991.3	950.4	907.1	861.6	814.0
-77.5°	938.5	917.5	894.2	868.7	841.0	811.1	779.1	744.6	706.9	667.2	625.7
-80°	690.2	672.7	653.3	632.0	608.8	583.8	557.1	528.7	498.6	468.4	438.3
-82.5°	437.5	425.7	412.5	398.0	382.3	365.3	347.2	327.9	307.4	285.9	263.3
-85°	213.2	207.8	201.8	195.2	188.0	180.2	171.9	163.1	153.7	143.9	133.6
-87.5°	59.1	58.1	57.0	55.8	54.5	53.0	51.5	49.9	48.2	46.4	44.5
-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	42.5	40.4	38.3	36.1	33.8	31.4	29.0	26.6	24.1	21.5	18.9
85°	122.8	111.6	99.9	87.9	75.5	62.8	58.0	53.1	48.1	43.0	37.8
82.5°	239.8	221.1	203.6	185.6	167.0	147.9	128.2	108.2	87.7	66.9	56.6
80°	406.9	374.1	340.2	305.2	269.1	232.6	206.5	179.8	152.5	124.8	96.6
77.5°	582.4	537.3	490.6	446.1	401.0	354.6	307.2	258.6	216.9	182.3	147.1
75°	764.3	710.5	654.4	596.5	536.9	476.4	419.5	361.3	302.0	241.7	197.2
72.5°	937.0	876.7	814.2	749.4	679.9	608.6	535.6	463.0	394.0	323.8	252.6
70°	1120.5	1042.2	968.0	894.3	818.6	740.1	656.8	571.7	485.1	404.9	323.8
67.5°	1313.2	1225.0	1133.8	1039.8	952.1	864.8	775.5	680.9	583.8	485.1	394.0
65°	1563.1	1434.1	1304.3	1199.9	1092.6	987.0	888.0	787.1	680.9	571.7	463.0
62.5°	1838.5	1668.5	1521.9	1371.0	1239.8	1119.2	998.7	888.0	775.5	656.8	535.6
60°	2147.2	1950.9	1748.6	1574.9	1406.2	1253.2	1119.2	987.0	864.8	740.1	608.6
57.5°	2501.4	2246.2	2018.9	1793.7	1592.7	1406.2	1239.8	1092.6	952.1	818.6	679.9
55°	2880.3	2584.3	2301.1	2041.6	1793.7	1574.9	1371.0	1199.9	1039.8	894.3	749.4
52.5°	3334.6	2952.6	2612.0	2301.1	2018.9	1748.6	1521.9	1304.3	1133.8	968.0	814.2
50°	3815.4	3371.2	2952.6	2584.3	2246.2	1950.9	1668.5	1434.1	1225.0	1042.2	876.7
47.5°	4319.0	3815.4	3334.6	2880.3	2501.4	2147.2	1838.5	1563.1	1313.2	1120.5	937.0
45°	4820.4	4275.5	3729.7	3225.3	2748.4	2364.5	2011.9	1687.5	1424.3	1196.0	995.1
42.5°	5310.3	4729.7	4145.7	3559.3	3044.8	2583.6	2178.9	1834.1	1531.6	1268.4	1055.2
40°	5764.8	5172.8	4549.7	3931.3	3340.8	2795.2	2366.9	1979.0	1634.3	1344.7	1115.6
37.5°	6200.2	5587.8	4946.0	4287.6	3635.3	3055.0	2549.9	2117.0	1739.3	1431.2	1173.0
35°	6572.7	5976.7	5324.2	4633.0	3948.2	3302.0	2723.8	2258.0	1856.6	1513.2	1227.4
32.5°	6924.0	6333.2	5668.7	4964.8	4244.4	3535.5	2917.0	2406.2	1967.1	1590.5	1278.6
30°	7232.1	6642.2	5992.3	5277.3	4525.4	3787.3	3116.3	2545.1	2070.7	1662.8	1330.0
27.5°	7514.0	6932.1	6287.9	5560.1	4793.6	4024.8	3302.0	2674.4	2167.0	1736.6	1388.4
25°	7769.6	7182.5	6536.8	5818.9	5041.8	4244.4	3473.5	2795.2	2267.3	1815.0	1442.3
22.5°	7988.1	7406.2	6765.4	6056.4	5269.3	4445.5	3642.8	2936.3	2364.5	1886.4	1491.4
20°	8187.0	7609.6	6972.9	6267.0	5470.0	4633.0	3807.3	3063.7	2452.2	1950.9	1535.6
17.5°	8363.0	7783.2	7143.5	6437.0	5645.5	4800.0	3953.8	3177.0	2530.2	2008.2	1574.9
15°	8507.2	7927.5	7290.3	6585.9	5799.1	4946.0	4081.8	3275.9	2598.2	2058.1	1609.2
12.5°	8630.8	8050.9	7415.7	6713.1	5930.1	5070.4	4190.8	3360.1	2656.1	2100.6	1638.3
10°	8733.0	8152.9	7519.1	6817.9	6038.0	5172.8	4280.4	3429.4	2703.7	2135.5	1662.2
7.5°	8813.2	8232.8	7600.2	6899.9	6122.4	5252.9	4350.5	3483.5	2740.8	2162.7	1680.9
5°	8870.9	8290.2	7658.4	6958.7	6182.9	5310.3	4400.7	3522.2	2767.5	2182.3	1694.3
2.5°	8905.6	8324.8	7693.4	6994.2	6219.3	5344.9	4430.9	3545.5	2783.5	2194.0	1702.3
0°	8917.2	8336.3	7705.1	7006.0	6231.5	5356.4	4441.0	3553.3	2788.8	2197.9	1705.0
-2.5°	8905.6	8324.8	7693.4	6994.2	6219.3	5344.9	4430.9	3545.5	2783.5	2194.0	1702.3
-5°	8870.9	8290.2	7658.4	6958.7	6182.9	5310.3	4400.7	3522.2	2767.5	2182.3	1694.3
-7.5°	8813.2	8232.8	7600.2	6899.9	6122.4	5252.9	4350.5	3483.5	2740.8	2162.7	1680.9
-10°	8733.0	8152.9	7519.1	6817.9	6038.0	5172.8	4280.4	3429.4	2703.7	2135.5	1662.2
-12.5°	8630.8	8050.9	7415.7	6713.1	5930.1	5070.4	4190.8	3360.1	2656.1	2100.6	1638.3
-15°	8507.2	7927.5	7290.3	6585.9	5799.1	4946.0	4081.8	3275.9	2598.2	2058.1	1609.2
-17.5°	8363.0	7783.2	7143.5	6437.0	5645.5	4800.0	3953.8	3177.0	2530.2	2008.2	1574.9
-20°	8187.0	7609.6	6972.9	6267.0	5470.0	4633.0	3807.3	3063.7	2452.2	1950.9	1535.6



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7988.1	7406.2	6765.4	6056.4	5269.3	4445.5	3642.8	2936.3	2364.5	1886.4	1491.4
-25°	7769.6	7182.5	6536.8	5818.9	5041.8	4244.4	3473.5	2795.2	2267.3	1815.0	1442.3
-27.5°	7514.0	6932.1	6287.9	5560.1	4793.6	4024.8	3302.0	2674.4	2167.0	1736.6	1388.4
-30°	7232.1	6642.2	5992.3	5277.3	4525.4	3787.3	3116.3	2545.1	2070.7	1662.8	1330.0
-32.5°	6924.0	6333.2	5668.7	4964.8	4244.4	3535.5	2917.0	2406.2	1967.1	1590.5	1278.6
-35°	6572.7	5976.7	5324.2	4633.0	3948.2	3302.0	2723.8	2258.0	1856.6	1513.2	1227.4
-37.5°	6200.2	5587.8	4946.0	4287.6	3635.3	3055.0	2549.9	2117.0	1739.3	1431.2	1173.0
-40°	5764.8	5172.8	4549.7	3931.3	3340.8	2795.2	2366.9	1979.0	1634.3	1344.7	1115.6
-42.5°	5310.3	4729.7	4145.7	3559.3	3044.8	2583.6	2178.9	1834.1	1531.6	1268.4	1055.2
-45°	4820.4	4275.5	3729.7	3225.3	2748.4	2364.5	2011.9	1687.5	1424.3	1196.0	995.1
-47.5°	4319.0	3815.4	3334.6	2880.3	2501.4	2147.2	1838.5	1563.1	1313.2	1120.5	937.0
-50°	3815.4	3371.2	2952.6	2584.3	2246.2	1950.9	1668.5	1434.1	1225.0	1042.2	876.7
-52.5°	3334.6	2952.6	2612.0	2301.1	2018.9	1748.6	1521.9	1304.3	1133.8	968.0	814.2
-55°	2880.3	2584.3	2301.1	2041.6	1793.7	1574.9	1371.0	1199.9	1039.8	894.3	749.4
-57.5°	2501.4	2246.2	2018.9	1793.7	1592.7	1406.2	1239.8	1092.6	952.1	818.6	679.9
-60°	2147.2	1950.9	1748.6	1574.9	1406.2	1253.2	1119.2	987.0	864.8	740.1	608.6
-62.5°	1838.5	1668.5	1521.9	1371.0	1239.8	1119.2	998.7	888.0	775.5	656.8	535.6
-65°	1563.1	1434.1	1304.3	1199.9	1092.6	987.0	888.0	787.1	680.9	571.7	463.0
-67.5°	1313.2	1225.0	1133.8	1039.8	952.1	864.8	775.5	680.9	583.8	485.1	394.0
-70°	1120.5	1042.2	968.0	894.3	818.6	740.1	656.8	571.7	485.1	404.9	323.8
-72.5°	937.0	876.7	814.2	749.4	679.9	608.6	535.6	463.0	394.0	323.8	252.6
-75°	764.3	710.5	654.4	596.5	536.9	476.4	419.5	361.3	302.0	241.7	197.2
-77.5°	582.4	537.3	490.6	446.1	401.0	354.6	307.2	258.6	216.9	182.3	147.1
-80°	406.9	374.1	340.2	305.2	269.1	232.6	206.5	179.8	152.5	124.8	96.6
-82.5°	239.8	221.1	203.6	185.6	167.0	147.9	128.2	108.2	87.7	66.9	56.6
-85°	122.8	111.6	99.9	87.9	75.5	62.8	58.0	53.1	48.1	43.0	37.8
-87.5°	42.5	40.4	38.3	36.1	33.8	31.4	29.0	26.6	24.1	21.5	18.9
-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: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-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°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
85°	32.5	27.2	21.8	16.4	11.0	5.5	0.0
82.5°	48.7	40.7	32.7	24.6	16.4	8.2	0.0
80°	68.1	54.2	43.5	32.7	21.8	10.9	0.0
77.5°	111.6	75.6	54.2	40.7	27.2	13.6	0.0
75°	154.6	111.6	68.1	48.7	32.5	16.3	0.0
72.5°	197.2	147.1	96.6	56.6	37.8	18.9	0.0
70°	241.7	182.3	124.8	66.9	43.0	21.5	0.0
67.5°	302.0	216.9	152.5	87.7	48.1	24.1	0.0
65°	361.3	258.6	179.8	108.2	53.1	26.6	0.0
62.5°	419.5	307.2	206.5	128.2	58.0	29.0	0.0
60°	476.4	354.6	232.6	147.9	62.8	31.4	0.0
57.5°	536.9	401.0	269.1	167.0	75.5	33.8	0.0
55°	596.5	446.1	305.2	185.6	87.9	36.1	0.0
52.5°	654.4	490.6	340.2	203.6	99.9	38.3	0.0
50°	710.5	537.3	374.1	221.1	111.6	40.4	0.0
47.5°	764.3	582.4	406.9	239.8	122.8	42.5	0.0
45°	814.0	625.7	438.3	263.3	133.6	44.5	0.0
42.5°	861.6	667.2	468.4	285.9	143.9	46.4	0.0
40°	907.1	706.9	498.6	307.4	153.7	48.2	0.0
37.5°	950.4	744.6	528.7	327.9	163.1	49.9	0.0
35°	991.3	779.1	557.1	347.2	171.9	51.5	0.0
32.5°	1031.4	811.1	583.8	365.3	180.2	53.0	0.0
30°	1072.2	841.0	608.8	382.3	188.0	54.5	0.0
27.5°	1110.1	868.7	632.0	398.0	195.2	55.8	0.0
25°	1145.0	894.2	653.3	412.5	201.8	57.0	0.0
22.5°	1176.9	917.5	672.7	425.7	207.8	58.1	0.0
20°	1205.6	938.5	690.2	437.5	213.2	59.1	0.0
17.5°	1231.0	957.1	705.7	448.1	218.0	60.0	0.0
15°	1253.2	973.2	719.2	457.2	222.2	60.8	0.0
12.5°	1272.0	987.0	730.7	465.0	225.8	61.4	0.0
10°	1287.5	998.3	740.1	471.4	228.7	61.9	0.0
7.5°	1299.6	1007.1	747.4	476.4	231.0	62.4	0.0
5°	1308.3	1013.4	752.7	479.9	232.6	62.7	0.0
2.5°	1313.5	1017.2	755.8	482.1	233.6	62.8	0.0
0°	1315.2	1018.5	756.9	482.8	233.9	62.9	0.0
-2.5°	1313.5	1017.2	755.8	482.1	233.6	62.8	0.0
-5°	1308.3	1013.4	752.7	479.9	232.6	62.7	0.0
-7.5°	1299.6	1007.1	747.4	476.4	231.0	62.4	0.0
-10°	1287.5	998.3	740.1	471.4	228.7	61.9	0.0
-12.5°	1272.0	987.0	730.7	465.0	225.8	61.4	0.0
-15°	1253.2	973.2	719.2	457.2	222.2	60.8	0.0
-17.5°	1231.0	957.1	705.7	448.1	218.0	60.0	0.0
-20°	1205.6	938.5	690.2	437.5	213.2	59.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645528 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1176.9	917.5	672.7	425.7	207.8	58.1	0.0
-25°	1145.0	894.2	653.3	412.5	201.8	57.0	0.0
-27.5°	1110.1	868.7	632.0	398.0	195.2	55.8	0.0
-30°	1072.2	841.0	608.8	382.3	188.0	54.5	0.0
-32.5°	1031.4	811.1	583.8	365.3	180.2	53.0	0.0
-35°	991.3	779.1	557.1	347.2	171.9	51.5	0.0
-37.5°	950.4	744.6	528.7	327.9	163.1	49.9	0.0
-40°	907.1	706.9	498.6	307.4	153.7	48.2	0.0
-42.5°	861.6	667.2	468.4	285.9	143.9	46.4	0.0
-45°	814.0	625.7	438.3	263.3	133.6	44.5	0.0
-47.5°	764.3	582.4	406.9	239.8	122.8	42.5	0.0
-50°	710.5	537.3	374.1	221.1	111.6	40.4	0.0
-52.5°	654.4	490.6	340.2	203.6	99.9	38.3	0.0
-55°	596.5	446.1	305.2	185.6	87.9	36.1	0.0
-57.5°	536.9	401.0	269.1	167.0	75.5	33.8	0.0
-60°	476.4	354.6	232.6	147.9	62.8	31.4	0.0
-62.5°	419.5	307.2	206.5	128.2	58.0	29.0	0.0
-65°	361.3	258.6	179.8	108.2	53.1	26.6	0.0
-67.5°	302.0	216.9	152.5	87.7	48.1	24.1	0.0
-70°	241.7	182.3	124.8	66.9	43.0	21.5	0.0
-72.5°	197.2	147.1	96.6	56.6	37.8	18.9	0.0
-75°	154.6	111.6	68.1	48.7	32.5	16.3	0.0
-77.5°	111.6	75.6	54.2	40.7	27.2	13.6	0.0
-80°	68.1	54.2	43.5	32.7	21.8	10.9	0.0
-82.5°	48.7	40.7	32.7	24.6	16.4	8.2	0.0
-85°	32.5	27.2	21.8	16.4	11.0	5.5	0.0
-87.5°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)