

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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627603 (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-SA5B-750-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N128
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

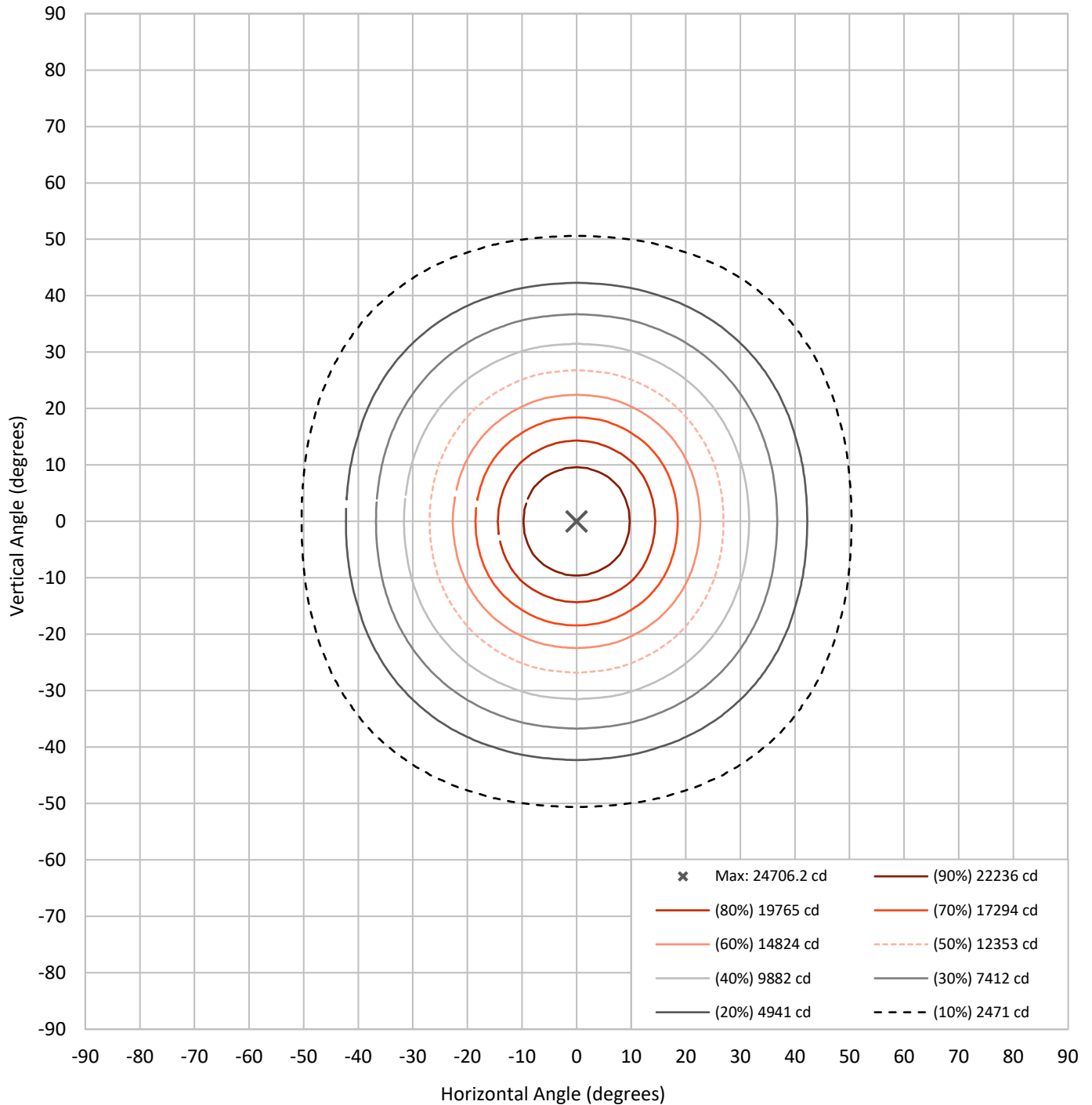
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25145.2 lumens	Max Intensity:	24706.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	12022.9 lumens	Field Lumens:	22191.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

Iso-Candela Plot





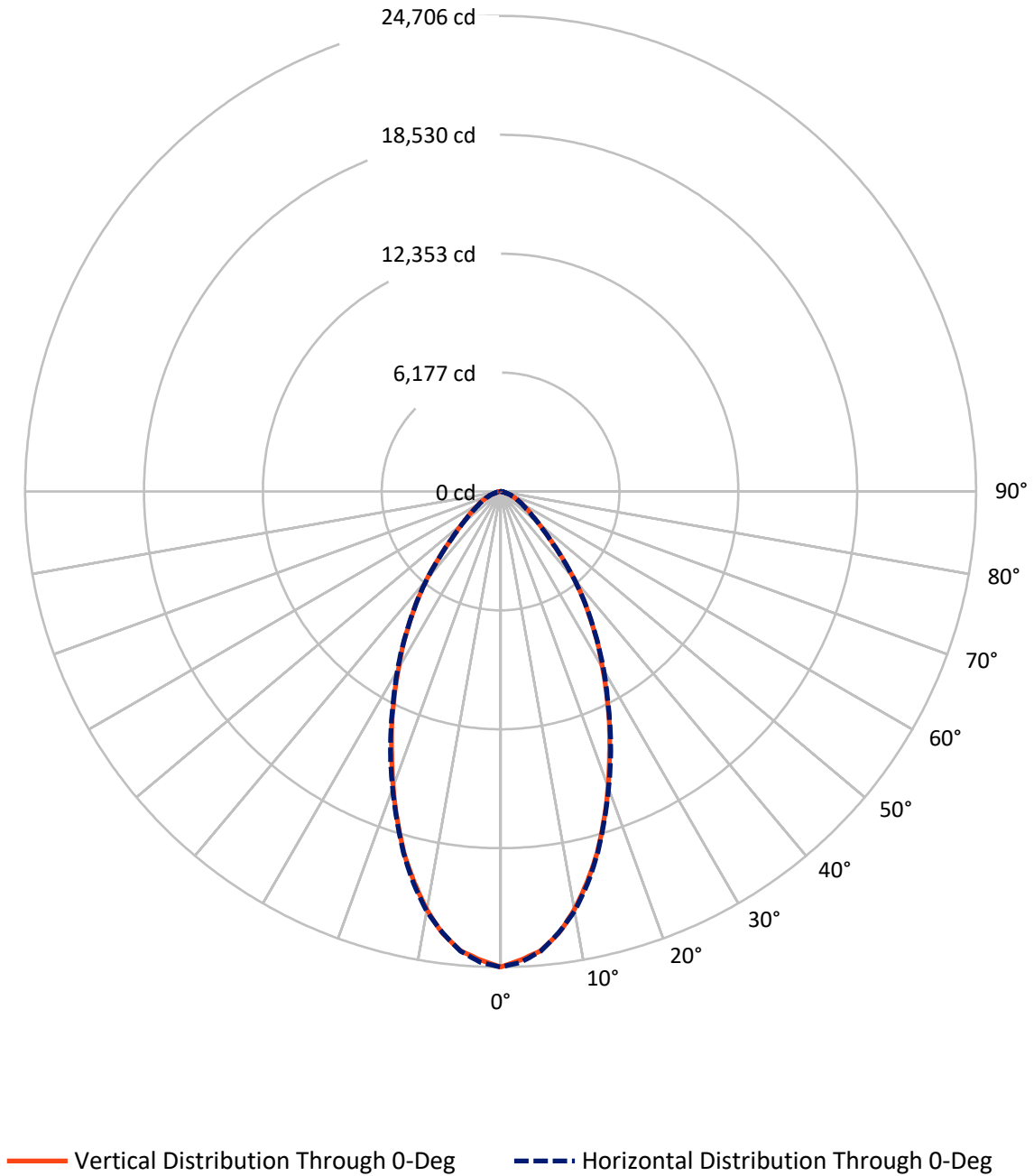
REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

Lumen Table

90															90	
80	1.0	6.9		15.8		26.3		22.5		26.3		15.8		6.9		1.0
70															70	
60	3.3	3.8	7.2	11.6	16.8	21.8	25.5	27.4	27.4	25.5	21.8	16.8	11.6	7.2	3.8	3.3
50		5.4	10.9	18.9	28.9	39.8	49.7	55.4	55.4	49.7	39.8	28.9	18.9	10.9	5.4	
40	4.8	6.9	15.0	28.2	47.5	73.0	100.6	119.1	119.1	100.6	73.0	47.5	28.2	15.0	6.9	4.8
30		8.4	19.7	40.9	79.7	141.5	205.6	243.9	243.9	205.6	141.5	79.7	40.9	19.7	8.4	
20	5.7	9.8	24.6	57.3	128.8	231.6	331.4	396.1	396.1	331.4	231.6	128.8	57.3	24.6	9.8	5.7
10		10.9	28.8	74.3	175.8	312.7	461.7	568.0	568.0	461.7	312.7	175.8	74.3	28.8	10.9	
0	6.0	11.5	31.2	85.4	202.4	363.6	553.3	695.8	695.8	553.3	363.6	202.4	85.4	31.2	11.5	6.0
-10		11.5	31.2	85.4	202.4	363.6	553.3	695.8	695.8	553.3	363.6	202.4	85.4	31.2	11.5	
-20	5.7	10.9	28.8	74.3	175.8	312.7	461.7	568.0	568.0	461.7	312.7	175.8	74.3	28.8	10.9	5.7
-30		9.8	24.6	57.3	128.8	231.6	331.4	396.1	396.1	331.4	231.6	128.8	57.3	24.6	9.8	
-40	4.8	8.4	19.7	40.9	79.7	141.5	205.6	243.9	243.9	205.6	141.5	79.7	40.9	19.7	8.4	4.8
-50		6.9	15.0	28.2	47.5	73.0	100.6	119.1	119.1	100.6	73.0	47.5	28.2	15.0	6.9	
-60	3.3	5.4	10.9	18.9	28.9	39.8	49.7	55.4	55.4	49.7	39.8	28.9	18.9	10.9	5.4	3.3
-70		3.8	7.2	11.6	16.8	21.8	25.5	27.4	27.4	25.5	21.8	16.8	11.6	7.2	3.8	
-80															-80	
-90	1.0	6.9		15.8		26.3		22.5		26.3		15.8		6.9		1.0
Horizontal Angle (degrees)																

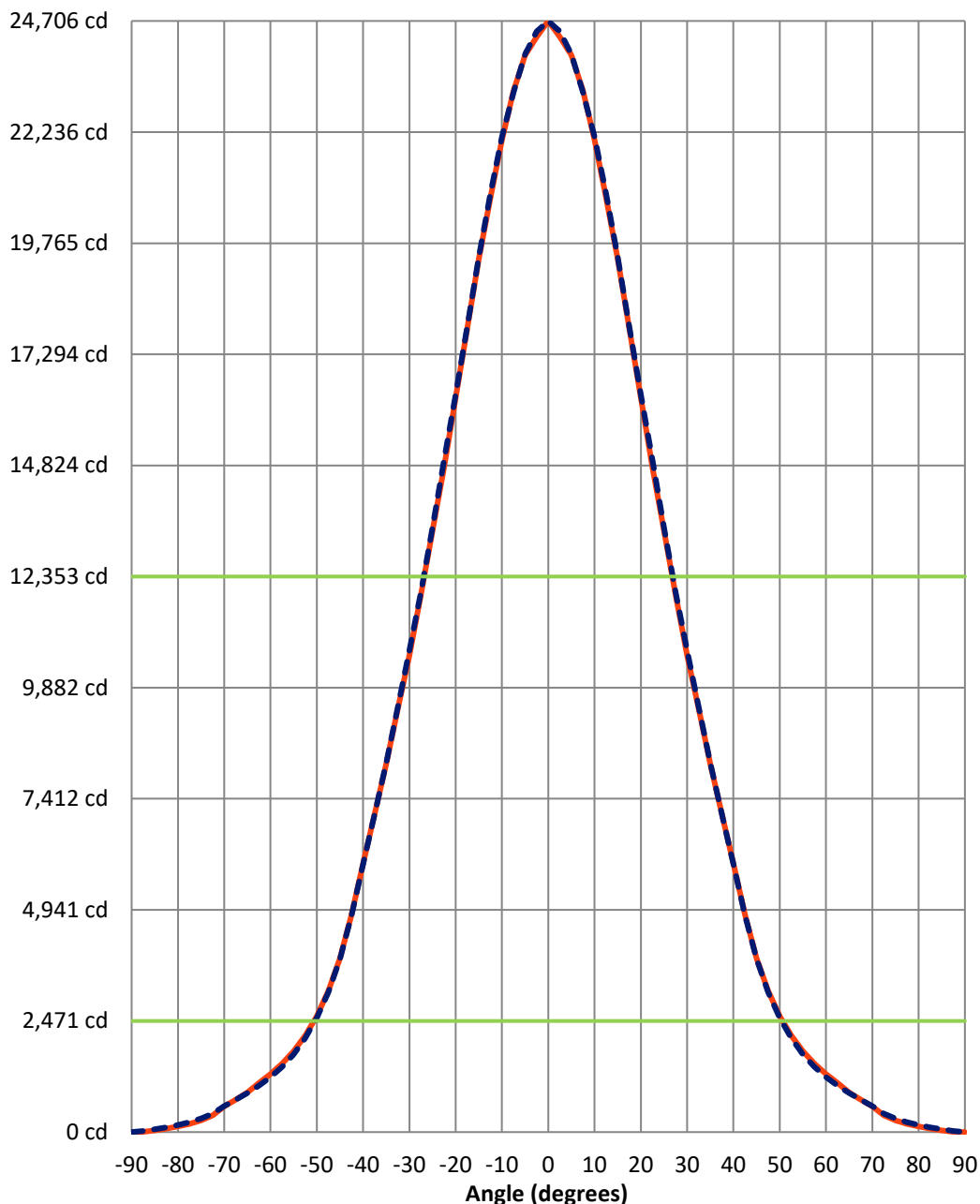
REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 12022.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 22191.5
 Efficiency: 88.3%

Spill:
 Lumens: 2953.7
 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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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	1.3	2.9	4.7	6.8	9.2	11.7	13.0	14.0	14.9	15.5
85°	0.0	2.5	5.8	9.4	13.6	18.3	23.4	26.0	28.1	29.8	31.0
82.5°	0.0	3.8	8.6	14.1	20.4	27.3	35.0	39.0	43.0	49.8	55.9
80°	0.0	5.0	11.5	18.8	27.0	36.3	47.6	59.2	69.2	78.2	86.2
77.5°	0.0	6.2	14.3	23.3	33.6	47.2	67.9	82.9	95.4	106.6	117.7
75°	0.0	7.4	17.0	27.8	40.7	61.7	87.7	106.6	121.6	136.8	153.0
72.5°	0.0	8.6	19.7	32.2	50.4	75.8	106.9	129.8	147.9	167.2	187.8
70°	0.0	9.8	22.3	36.8	59.8	89.3	125.0	151.8	173.7	197.1	224.8
67.5°	0.0	10.9	24.9	42.6	68.8	102.2	140.8	173.2	198.9	228.1	261.2
65°	0.0	12.0	27.3	48.0	77.3	114.0	155.8	194.2	224.0	258.0	295.8
62.5°	0.0	13.1	29.7	53.2	85.3	124.9	169.9	214.1	247.9	286.6	327.9
60°	0.0	14.1	32.0	58.1	92.8	135.1	183.2	233.0	270.8	314.3	359.1
57.5°	0.0	15.1	34.8	62.7	99.8	144.5	195.1	250.0	293.9	341.0	387.8
55°	0.0	16.1	37.4	66.9	106.3	153.3	206.2	263.6	316.5	366.6	415.2
52.5°	0.0	17.0	40.0	70.7	112.3	161.3	216.3	278.3	338.2	391.1	442.0
50°	0.0	17.8	42.5	74.2	117.7	168.6	225.5	292.2	359.2	414.9	471.5
47.5°	0.0	18.7	44.8	77.4	122.6	175.3	234.1	304.8	379.9	438.1	500.4
45°	0.0	19.5	47.0	80.5	126.8	181.1	243.6	316.1	394.7	463.1	528.3
42.5°	0.0	20.2	49.1	83.3	130.5	186.2	252.2	327.2	408.3	487.3	557.3
40°	0.0	20.9	51.1	86.3	133.8	190.6	259.7	338.0	421.7	509.7	585.3
37.5°	0.0	21.5	52.9	89.5	136.8	194.1	266.1	347.7	436.4	527.5	611.9
35°	0.0	22.1	54.6	92.3	139.2	198.1	271.4	356.4	450.5	546.9	639.1
32.5°	0.0	22.6	56.1	94.9	141.1	201.8	276.2	364.0	463.9	566.8	666.9
30°	0.0	23.0	57.6	97.3	142.4	204.7	281.7	371.4	476.6	586.8	693.1
27.5°	0.0	23.4	58.8	99.4	145.4	206.8	286.1	380.6	489.8	606.8	717.6
25°	0.0	23.8	59.9	101.2	148.3	208.0	289.6	388.9	504.7	626.5	740.5
22.5°	0.0	24.1	60.9	102.7	150.9	209.7	292.0	396.1	518.8	644.5	765.6
20°	0.0	24.3	61.7	104.0	153.1	213.5	293.4	402.2	532.1	660.8	788.0
17.5°	0.0	24.5	62.4	105.0	155.0	216.6	296.7	407.2	544.3	675.1	807.7
15°	0.0	24.7	62.9	105.8	156.5	219.1	300.7	411.9	555.3	687.4	824.7
12.5°	0.0	24.8	63.3	106.3	157.6	220.8	303.5	416.1	564.7	697.7	838.8
10°	0.0	24.8	63.5	106.5	158.3	222.0	305.3	418.4	571.9	706.2	850.2
7.5°	0.0	24.8	63.6	106.4	158.6	222.4	306.1	418.9	577.0	712.9	859.1
5°	0.0	24.7	63.5	106.1	158.5	222.2	305.7	417.7	579.8	717.4	865.0
2.5°	0.0	24.6	63.3	105.6	158.1	221.4	304.4	414.8	580.2	719.6	867.9
0°	0.0	24.4	62.9	104.8	157.2	220.0	302.1	410.3	578.0	719.4	867.8
-2.5°	0.0	24.6	63.3	105.6	158.1	221.4	304.4	414.8	580.2	719.6	867.9
-5°	0.0	24.7	63.5	106.1	158.5	222.2	305.7	417.7	579.8	717.4	865.0
-7.5°	0.0	24.8	63.6	106.4	158.6	222.4	306.1	418.9	577.0	712.9	859.1
-10°	0.0	24.8	63.5	106.5	158.3	222.0	305.3	418.4	571.9	706.2	850.2
-12.5°	0.0	24.8	63.3	106.3	157.6	220.8	303.5	416.1	564.7	697.7	838.8
-15°	0.0	24.7	62.9	105.8	156.5	219.1	300.7	411.9	555.3	687.4	824.7
-17.5°	0.0	24.5	62.4	105.0	155.0	216.6	296.7	407.2	544.3	675.1	807.7
-20°	0.0	24.3	61.7	104.0	153.1	213.5	293.4	402.2	532.1	660.8	788.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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	24.1	60.9	102.7	150.9	209.7	292.0	396.1	518.8	644.5	765.6
-25°	0.0	23.8	59.9	101.2	148.3	208.0	289.6	388.9	504.7	626.5	740.5
-27.5°	0.0	23.4	58.8	99.4	145.4	206.8	286.1	380.6	489.8	606.8	717.6
-30°	0.0	23.0	57.6	97.3	142.4	204.7	281.7	371.4	476.6	586.8	693.1
-32.5°	0.0	22.6	56.1	94.9	141.1	201.8	276.2	364.0	463.9	566.8	666.9
-35°	0.0	22.1	54.6	92.3	139.2	198.1	271.4	356.4	450.5	546.9	639.1
-37.5°	0.0	21.5	52.9	89.5	136.8	194.1	266.1	347.7	436.4	527.5	611.9
-40°	0.0	20.9	51.1	86.3	133.8	190.6	259.7	338.0	421.7	509.7	585.3
-42.5°	0.0	20.2	49.1	83.3	130.5	186.2	252.2	327.2	408.3	487.3	557.3
-45°	0.0	19.5	47.0	80.5	126.8	181.1	243.6	316.1	394.7	463.1	528.3
-47.5°	0.0	18.7	44.8	77.4	122.6	175.3	234.1	304.8	379.9	438.1	500.4
-50°	0.0	17.8	42.5	74.2	117.7	168.6	225.5	292.2	359.2	414.9	471.5
-52.5°	0.0	17.0	40.0	70.7	112.3	161.3	216.3	278.3	338.2	391.1	442.0
-55°	0.0	16.1	37.4	66.9	106.3	153.3	206.2	263.6	316.5	366.6	415.2
-57.5°	0.0	15.1	34.8	62.7	99.8	144.5	195.1	250.0	293.9	341.0	387.8
-60°	0.0	14.1	32.0	58.1	92.8	135.1	183.2	233.0	270.8	314.3	359.1
-62.5°	0.0	13.1	29.7	53.2	85.3	124.9	169.9	214.1	247.9	286.6	327.9
-65°	0.0	12.0	27.3	48.0	77.3	114.0	155.8	194.2	224.0	258.0	295.8
-67.5°	0.0	10.9	24.9	42.6	68.8	102.2	140.8	173.2	198.9	228.1	261.2
-70°	0.0	9.8	22.3	36.8	59.8	89.3	125.0	151.8	173.7	197.1	224.8
-72.5°	0.0	8.6	19.7	32.2	50.4	75.8	106.9	129.8	147.9	167.2	187.8
-75°	0.0	7.4	17.0	27.8	40.7	61.7	87.7	106.6	121.6	136.8	153.0
-77.5°	0.0	6.2	14.3	23.3	33.6	47.2	67.9	82.9	95.4	106.6	117.7
-80°	0.0	5.0	11.5	18.8	27.0	36.3	47.6	59.2	69.2	78.2	86.2
-82.5°	0.0	3.8	8.6	14.1	20.4	27.3	35.0	39.0	43.0	49.8	55.9
-85°	0.0	2.5	5.8	9.4	13.6	18.3	23.4	26.0	28.1	29.8	31.0
-87.5°	0.0	1.3	2.9	4.7	6.8	9.2	11.7	13.0	14.0	14.9	15.5
-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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-750-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°	15.7	15.7	15.5	15.0	14.4	13.5	12.4	11.1	11.6	12.0	12.5
85°	31.5	31.5	34.1	36.5	37.6	37.8	37.0	35.4	40.0	45.3	50.9
82.5°	61.5	66.8	71.8	76.5	77.1	75.8	73.5	70.8	80.1	91.4	103.2
80°	94.2	102.1	111.1	119.6	121.6	120.7	118.1	113.8	126.1	143.5	162.3
77.5°	130.8	143.3	154.9	165.6	168.7	168.2	166.2	162.8	178.4	202.6	227.7
75°	169.3	184.4	199.4	212.6	218.2	218.7	218.0	221.7	242.3	270.6	295.5
72.5°	209.5	228.7	245.6	260.1	269.1	276.1	285.2	296.4	317.2	345.0	369.4
70°	252.0	273.3	291.1	307.2	321.1	336.1	355.5	374.6	396.5	424.2	449.7
67.5°	293.9	315.6	335.7	355.4	380.6	404.8	428.8	453.9	481.6	510.7	536.4
65°	332.8	357.2	381.8	410.4	443.2	470.6	500.3	532.9	569.1	601.9	631.6
62.5°	370.0	397.6	428.0	462.7	498.2	532.5	572.3	614.2	656.5	697.5	738.2
60°	401.5	435.9	472.7	511.9	553.0	599.6	646.3	696.1	746.6	796.0	846.4
57.5°	431.8	474.3	516.8	562.4	613.5	666.9	722.9	778.9	839.4	899.2	956.4
55°	463.2	513.3	561.6	615.7	674.3	736.9	800.2	868.2	935.0	1010.2	1079.7
52.5°	496.8	551.3	608.1	669.9	738.3	809.0	883.2	961.2	1044.3	1128.0	1212.8
50°	529.5	590.9	654.2	728.2	804.6	885.4	971.1	1061.9	1158.7	1255.6	1358.3
47.5°	563.7	629.3	706.5	786.9	874.5	966.5	1063.5	1171.5	1279.0	1401.0	1518.8
45°	597.5	672.9	756.7	850.0	946.3	1049.8	1165.2	1283.8	1421.1	1558.9	1713.7
42.5°	629.9	716.9	811.4	911.2	1020.7	1139.7	1267.4	1416.5	1571.4	1741.9	1923.6
40°	667.2	758.9	865.4	976.9	1095.6	1231.6	1385.2	1550.9	1739.8	1941.8	2148.1
37.5°	703.3	806.3	918.6	1039.6	1177.4	1330.6	1500.2	1703.2	1921.2	2150.8	2431.5
35°	737.2	851.4	973.5	1106.0	1255.2	1432.7	1635.6	1859.9	2111.1	2407.2	2734.8
32.5°	773.2	894.1	1025.2	1174.0	1342.8	1536.7	1767.2	2031.2	2328.4	2665.7	3075.6
30°	809.4	938.1	1076.6	1237.6	1425.4	1649.9	1911.7	2203.5	2545.4	2968.5	3449.7
27.5°	842.9	979.2	1130.9	1304.9	1505.8	1754.2	2050.5	2392.6	2795.4	3273.5	3835.6
25°	873.7	1016.6	1180.8	1369.2	1594.4	1866.8	2188.1	2566.9	3045.6	3615.6	4307.1
22.5°	903.0	1050.8	1225.9	1426.9	1674.2	1975.8	2337.4	2770.9	3300.0	3939.8	4769.1
20°	930.6	1087.6	1270.7	1482.2	1745.5	2074.2	2474.7	2961.3	3563.5	4320.8	5222.1
17.5°	954.8	1120.1	1313.2	1541.9	1825.1	2174.2	2604.2	3129.4	3798.0	4661.1	5640.1
15°	975.6	1148.1	1349.8	1593.6	1896.6	2273.6	2740.1	3313.8	4042.6	4970.6	6007.1
12.5°	992.9	1171.6	1380.7	1637.1	1956.8	2357.7	2856.1	3478.1	4280.8	5262.1	6329.3
10°	1006.7	1190.4	1405.5	1672.2	2005.3	2426.0	2951.8	3612.5	4479.1	5511.9	6601.8
7.5°	1018.3	1205.1	1424.5	1698.9	2042.0	2478.1	3026.2	3716.2	4634.0	5709.8	6811.0
5°	1026.5	1215.7	1439.0	1717.5	2068.9	2514.5	3078.3	3788.8	4744.2	5853.1	6954.0
2.5°	1031.1	1221.4	1447.3	1727.4	2085.4	2535.0	3105.6	3834.3	4804.8	5934.9	7040.5
0°	1032.0	1222.3	1449.3	1728.7	2090.1	2538.9	3109.9	3848.5	4817.6	5956.1	7071.9
-2.5°	1031.1	1221.4	1447.3	1727.4	2085.4	2535.0	3105.6	3834.3	4804.8	5934.9	7040.5
-5°	1026.5	1215.7	1439.0	1717.5	2068.9	2514.5	3078.3	3788.8	4744.2	5853.1	6954.0
-7.5°	1018.3	1205.1	1424.5	1698.9	2042.0	2478.1	3026.2	3716.2	4634.0	5709.8	6811.0
-10°	1006.7	1190.4	1405.5	1672.2	2005.3	2426.0	2951.8	3612.5	4479.1	5511.9	6601.8
-12.5°	992.9	1171.6	1380.7	1637.1	1956.8	2357.7	2856.1	3478.1	4280.8	5262.1	6329.3
-15°	975.6	1148.1	1349.8	1593.6	1896.6	2273.6	2740.1	3313.8	4042.6	4970.6	6007.1
-17.5°	954.8	1120.1	1313.2	1541.9	1825.1	2174.2	2604.2	3129.4	3798.0	4661.1	5640.1
-20°	930.6	1087.6	1270.7	1482.2	1745.5	2074.2	2474.7	2961.3	3563.5	4320.8	5222.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	903.0	1050.8	1225.9	1426.9	1674.2	1975.8	2337.4	2770.9	3300.0	3939.8	4769.1
-25°	873.7	1016.6	1180.8	1369.2	1594.4	1866.8	2188.1	2566.9	3045.6	3615.6	4307.1
-27.5°	842.9	979.2	1130.9	1304.9	1505.8	1754.2	2050.5	2392.6	2795.4	3273.5	3835.6
-30°	809.4	938.1	1076.6	1237.6	1425.4	1649.9	1911.7	2203.5	2545.4	2968.5	3449.7
-32.5°	773.2	894.1	1025.2	1174.0	1342.8	1536.7	1767.2	2031.2	2328.4	2665.7	3075.6
-35°	737.2	851.4	973.5	1106.0	1255.2	1432.7	1635.6	1859.9	2111.1	2407.2	2734.8
-37.5°	703.3	806.3	918.6	1039.6	1177.4	1330.6	1500.2	1703.2	1921.2	2150.8	2431.5
-40°	667.2	758.9	865.4	976.9	1095.6	1231.6	1385.2	1550.9	1739.8	1941.8	2148.1
-42.5°	629.9	716.9	811.4	911.2	1020.7	1139.7	1267.4	1416.5	1571.4	1741.9	1923.6
-45°	597.5	672.9	756.7	850.0	946.3	1049.8	1165.2	1283.8	1421.1	1558.9	1713.7
-47.5°	563.7	629.3	706.5	786.9	874.5	966.5	1063.5	1171.5	1279.0	1401.0	1518.8
-50°	529.5	590.9	654.2	728.2	804.6	885.4	971.1	1061.9	1158.7	1255.6	1358.3
-52.5°	496.8	551.3	608.1	669.9	738.3	809.0	883.2	961.2	1044.3	1128.0	1212.8
-55°	463.2	513.3	561.6	615.7	674.3	736.9	800.2	868.2	935.0	1010.2	1079.7
-57.5°	431.8	474.3	516.8	562.4	613.5	666.9	722.9	778.9	839.4	899.2	956.4
-60°	401.5	435.9	472.7	511.9	553.0	599.6	646.3	696.1	746.6	796.0	846.4
-62.5°	370.0	397.6	428.0	462.7	498.2	532.5	572.3	614.2	656.5	697.5	738.2
-65°	332.8	357.2	381.8	410.4	443.2	470.6	500.3	532.9	569.1	601.9	631.6
-67.5°	293.9	315.6	335.7	355.4	380.6	404.8	428.8	453.9	481.6	510.7	536.4
-70°	252.0	273.3	291.1	307.2	321.1	336.1	355.5	374.6	396.5	424.2	449.7
-72.5°	209.5	228.7	245.6	260.1	269.1	276.1	285.2	296.4	317.2	345.0	369.4
-75°	169.3	184.4	199.4	212.6	218.2	218.7	218.0	221.7	242.3	270.6	295.5
-77.5°	130.8	143.3	154.9	165.6	168.7	168.2	166.2	162.8	178.4	202.6	227.7
-80°	94.2	102.1	111.1	119.6	121.6	120.7	118.1	113.8	126.1	143.5	162.3
-82.5°	61.5	66.8	71.8	76.5	77.1	75.8	73.5	70.8	80.1	91.4	103.2
-85°	31.5	31.5	34.1	36.5	37.6	37.8	37.0	35.4	40.0	45.3	50.9
-87.5°	15.7	15.7	15.5	15.0	14.4	13.5	12.4	11.1	11.6	12.0	12.5
-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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	12.9	12.5	12.1	11.6	11.1	10.9	10.7	10.4	10.1	9.4	8.6
85°	56.8	58.0	58.7	59.1	59.1	60.9	62.7	64.3	65.7	59.6	52.8
82.5°	115.5	120.9	125.6	130.3	135.0	138.2	140.6	142.4	143.6	130.0	114.7
80°	181.8	193.1	202.5	211.6	220.2	222.3	222.3	221.1	218.7	200.1	179.0
77.5°	252.8	267.7	279.5	291.2	302.8	307.0	309.1	310.7	311.7	288.7	260.4
75°	317.2	335.0	351.5	366.9	381.0	388.6	393.0	396.7	399.4	376.3	345.9
72.5°	390.7	409.5	427.4	444.4	459.5	469.4	475.9	481.3	485.5	472.3	453.3
70°	471.5	491.0	509.9	527.6	544.6	558.0	568.5	577.5	585.1	586.5	585.9
67.5°	561.2	584.1	606.6	625.9	646.1	665.1	681.7	695.5	706.6	713.8	717.9
65°	661.8	696.3	727.1	753.2	775.0	800.2	822.5	839.5	851.5	860.6	868.4
62.5°	780.4	822.3	857.5	892.3	928.1	962.9	984.7	1006.6	1028.0	1048.2	1065.4
60°	894.6	940.6	988.2	1032.6	1073.6	1111.5	1150.6	1185.2	1215.5	1240.8	1259.7
57.5°	1016.3	1072.2	1126.3	1182.7	1235.7	1285.2	1333.5	1378.1	1416.6	1449.0	1475.5
55°	1148.4	1216.7	1281.1	1352.6	1422.0	1485.2	1543.4	1603.1	1656.8	1704.1	1741.7
52.5°	1290.8	1379.7	1464.9	1548.9	1638.7	1719.8	1792.5	1875.2	1948.5	2009.1	2056.4
50°	1460.8	1565.2	1677.7	1781.8	1895.2	2006.8	2109.7	2209.4	2306.9	2391.3	2459.5
47.5°	1654.4	1782.9	1922.3	2060.2	2200.9	2353.6	2489.8	2616.3	2752.6	2871.0	2966.0
45°	1869.5	2033.4	2201.7	2395.7	2574.4	2770.5	2951.9	3114.9	3308.2	3478.5	3615.7
42.5°	2108.2	2326.5	2547.9	2792.3	3029.3	3278.2	3542.6	3777.1	4033.5	4278.0	4475.6
40°	2404.1	2665.1	2961.5	3257.3	3597.6	3917.3	4302.4	4652.4	4970.3	5261.7	5500.6
37.5°	2732.9	3068.9	3441.3	3826.5	4292.2	4748.6	5199.4	5625.0	6000.7	6319.8	6587.4
35°	3106.2	3533.1	3984.2	4546.6	5092.1	5638.7	6147.9	6613.1	7021.8	7381.8	7687.9
32.5°	3535.6	4048.0	4679.5	5311.2	5933.5	6535.3	7094.4	7601.8	8050.0	8454.1	8806.1
30°	3987.0	4686.1	5394.9	6087.9	6767.6	7426.8	8040.4	8599.2	9105.7	9555.6	9961.1
27.5°	4560.6	5335.4	6108.3	6855.4	7603.1	8324.5	8989.5	9610.3	10191.5	10700.0	11163.5
25°	5115.4	5971.4	6793.0	7607.6	8421.5	9196.0	9939.6	10640.8	11306.4	11890.0	12407.5
22.5°	5670.2	6566.1	7444.0	8319.9	9194.2	10057.7	10892.5	11696.0	12440.3	13104.9	13687.5
20°	6184.0	7120.5	8059.4	9003.6	9951.3	10896.5	11834.2	12738.3	13567.5	14334.8	15009.1
17.5°	6644.6	7640.7	8636.1	9646.0	10673.4	11699.6	12741.2	13754.7	14702.7	15575.7	16358.0
15°	7052.5	8091.9	9160.9	10250.8	11353.9	12468.5	13605.0	14739.0	15806.1	16797.7	17671.0
12.5°	7409.2	8489.8	9610.2	10768.2	11965.5	13179.6	14420.1	15663.1	16844.5	17989.3	18932.2
10°	7703.5	8828.2	9999.2	11216.0	12478.6	13785.4	15116.2	16454.2	17755.7	18970.2	20048.4
7.5°	7930.8	9097.5	10304.3	11569.8	12894.5	14272.5	15682.2	17102.1	18491.1	19799.7	20992.8
5°	8091.1	9293.6	10515.6	11832.0	13202.7	14630.7	16095.8	17575.5	19027.5	20403.5	21639.9
2.5°	8184.1	9411.4	10638.6	11991.3	13386.0	14847.4	16352.3	17856.4	19346.6	20773.7	22044.4
0°	8208.6	9446.7	10709.1	12008.3	13443.6	14948.8	16399.8	17908.5	19457.3	20864.7	22130.7
-2.5°	8184.1	9411.4	10638.6	11991.3	13386.0	14847.4	16352.3	17856.4	19346.6	20773.7	22044.4
-5°	8091.1	9293.6	10515.6	11832.0	13202.7	14630.7	16095.8	17575.5	19027.5	20403.5	21639.9
-7.5°	7930.8	9097.5	10304.3	11569.8	12894.5	14272.5	15682.2	17102.1	18491.1	19799.7	20992.8
-10°	7703.5	8828.2	9999.2	11216.0	12478.6	13785.4	15116.2	16454.2	17755.7	18970.2	20048.4
-12.5°	7409.2	8489.8	9610.2	10768.2	11965.5	13179.6	14420.1	15663.1	16844.5	17989.3	18932.2
-15°	7052.5	8091.9	9160.9	10250.8	11353.9	12468.5	13605.0	14739.0	15806.1	16797.7	17671.0
-17.5°	6644.6	7640.7	8636.1	9646.0	10673.4	11699.6	12741.2	13754.7	14702.7	15575.7	16358.0
-20°	6184.0	7120.5	8059.4	9003.6	9951.3	10896.5	11834.2	12738.3	13567.5	14334.8	15009.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5670.2	6566.1	7444.0	8319.9	9194.2	10057.7	10892.5	11696.0	12440.3	13104.9	13687.5
-25°	5115.4	5971.4	6793.0	7607.6	8421.5	9196.0	9939.6	10640.8	11306.4	11890.0	12407.5
-27.5°	4560.6	5335.4	6108.3	6855.4	7603.1	8324.5	8989.5	9610.3	10191.5	10700.0	11163.5
-30°	3987.0	4686.1	5394.9	6087.9	6767.6	7426.8	8040.4	8599.2	9105.7	9555.6	9961.1
-32.5°	3535.6	4048.0	4679.5	5311.2	5933.5	6535.3	7094.4	7601.8	8050.0	8454.1	8806.1
-35°	3106.2	3533.1	3984.2	4546.6	5092.1	5638.7	6147.9	6613.1	7021.8	7381.8	7687.9
-37.5°	2732.9	3068.9	3441.3	3826.5	4292.2	4748.6	5199.4	5625.0	6000.7	6319.8	6587.4
-40°	2404.1	2665.1	2961.5	3257.3	3597.6	3917.3	4302.4	4652.4	4970.3	5261.7	5500.6
-42.5°	2108.2	2326.5	2547.9	2792.3	3029.3	3278.2	3542.6	3777.1	4033.5	4278.0	4475.6
-45°	1869.5	2033.4	2201.7	2395.7	2574.4	2770.5	2951.9	3114.9	3308.2	3478.5	3615.7
-47.5°	1654.4	1782.9	1922.3	2060.2	2200.9	2353.6	2489.8	2616.3	2752.6	2871.0	2966.0
-50°	1460.8	1565.2	1677.7	1781.8	1895.2	2006.8	2109.7	2209.4	2306.9	2391.3	2459.5
-52.5°	1290.8	1379.7	1464.9	1548.9	1638.7	1719.8	1792.5	1875.2	1948.5	2009.1	2056.4
-55°	1148.4	1216.7	1281.1	1352.6	1422.0	1485.2	1543.4	1603.1	1656.8	1704.1	1741.7
-57.5°	1016.3	1072.2	1126.3	1182.7	1235.7	1285.2	1333.5	1378.1	1416.6	1449.0	1475.5
-60°	894.6	940.6	988.2	1032.6	1073.6	1111.5	1150.6	1185.2	1215.5	1240.8	1259.7
-62.5°	780.4	822.3	857.5	892.3	928.1	962.9	984.7	1006.6	1028.0	1048.2	1065.4
-65°	661.8	696.3	727.1	753.2	775.0	800.2	822.5	839.5	851.5	860.6	868.4
-67.5°	561.2	584.1	606.6	625.9	646.1	665.1	681.7	695.5	706.6	713.8	717.9
-70°	471.5	491.0	509.9	527.6	544.6	558.0	568.5	577.5	585.1	586.5	585.9
-72.5°	390.7	409.5	427.4	444.4	459.5	469.4	475.9	481.3	485.5	472.3	453.3
-75°	317.2	335.0	351.5	366.9	381.0	388.6	393.0	396.7	399.4	376.3	345.9
-77.5°	252.8	267.7	279.5	291.2	302.8	307.0	309.1	310.7	311.7	288.7	260.4
-80°	181.8	193.1	202.5	211.6	220.2	222.3	222.3	221.1	218.7	200.1	179.0
-82.5°	115.5	120.9	125.6	130.3	135.0	138.2	140.6	142.4	143.6	130.0	114.7
-85°	56.8	58.0	58.7	59.1	59.1	60.9	62.7	64.3	65.7	59.6	52.8
-87.5°	12.9	12.5	12.1	11.6	11.1	10.9	10.7	10.4	10.1	9.4	8.6
-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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-750-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°	7.8	7.0	6.1	5.2	6.1	7.0	7.8	8.6	9.4	10.1	10.4
85°	45.7	38.2	37.5	36.7	37.5	38.2	45.7	52.8	59.6	65.7	64.3
82.5°	98.6	81.9	79.4	76.8	79.4	81.9	98.6	114.7	130.0	143.6	142.4
80°	157.1	134.4	130.0	125.7	130.0	134.4	157.1	179.0	200.1	218.7	221.1
77.5°	230.5	199.4	190.3	181.6	190.3	199.4	230.5	260.4	288.7	311.7	310.7
75°	314.3	281.6	270.5	260.2	270.5	281.6	314.3	345.9	376.3	399.4	396.7
72.5°	434.1	414.1	394.0	371.9	394.0	414.1	434.1	453.3	472.3	485.5	481.3
70°	585.3	583.9	578.8	571.0	578.8	583.9	585.3	585.9	586.5	585.1	577.5
67.5°	719.7	719.1	720.8	721.2	720.8	719.1	719.7	717.9	713.8	706.6	695.5
65°	873.2	874.9	878.5	880.1	878.5	874.9	873.2	868.4	860.6	851.5	839.5
62.5°	1078.6	1087.5	1091.9	1091.3	1091.9	1087.5	1078.6	1065.4	1048.2	1028.0	1006.6
60°	1273.8	1283.1	1288.9	1290.4	1288.9	1283.1	1273.8	1259.7	1240.8	1215.5	1185.2
57.5°	1496.5	1511.7	1519.8	1520.9	1519.8	1511.7	1496.5	1475.5	1449.0	1416.6	1378.1
55°	1770.5	1790.6	1799.6	1798.5	1799.6	1790.6	1770.5	1741.7	1704.1	1656.8	1603.1
52.5°	2092.1	2116.6	2134.9	2146.0	2134.9	2116.6	2092.1	2056.4	2009.1	1948.5	1875.2
50°	2510.8	2545.9	2568.2	2577.3	2568.2	2545.9	2510.8	2459.5	2391.3	2306.9	2209.4
47.5°	3034.6	3081.1	3115.6	3139.6	3115.6	3081.1	3034.6	2966.0	2871.0	2752.6	2616.3
45°	3716.9	3787.9	3836.1	3864.2	3836.1	3787.9	3716.9	3615.7	3478.5	3308.2	3114.9
42.5°	4629.8	4739.9	4807.4	4833.3	4807.4	4739.9	4629.8	4475.6	4278.0	4033.5	3777.1
40°	5689.3	5821.6	5908.4	5968.3	5908.4	5821.6	5689.3	5500.6	5261.7	4970.3	4652.4
37.5°	6792.8	6931.8	7016.2	7073.6	7016.2	6931.8	6792.8	6587.4	6319.8	6000.7	5625.0
35°	7918.6	8064.1	8143.3	8187.7	8143.3	8064.1	7918.6	7687.9	7381.8	7021.8	6613.1
32.5°	9074.4	9234.6	9320.8	9410.0	9320.8	9234.6	9074.4	8806.1	8454.1	8050.0	7601.8
30°	10281.5	10465.4	10555.6	10599.1	10555.6	10465.4	10281.5	9961.1	9555.6	9105.7	8599.2
27.5°	11537.6	11766.8	11879.8	11954.1	11879.8	11766.8	11537.6	11163.5	10700.0	10191.5	9610.3
25°	12844.6	13128.6	13258.0	13373.7	13258.0	13128.6	12844.6	12407.5	11890.0	11306.4	10640.8
22.5°	14200.7	14554.4	14704.1	14786.4	14704.1	14554.4	14200.7	13687.5	13104.9	12440.3	11696.0
20°	15592.1	16014.8	16222.9	16330.0	16222.9	16014.8	15592.1	15009.1	14334.8	13567.5	12738.3
17.5°	17014.9	17540.7	17810.0	17871.8	17810.0	17540.7	17014.9	16358.0	15575.7	14702.7	13754.7
15°	18411.8	18980.4	19298.8	19415.4	19298.8	18980.4	18411.8	17671.0	16797.7	15806.1	14739.0
12.5°	19734.6	20324.0	20704.4	20772.2	20704.4	20324.0	19734.6	18932.2	17989.3	16844.5	15663.1
10°	20934.3	21544.9	21965.1	22060.8	21965.1	21544.9	20934.3	20048.4	18970.2	17755.7	16454.2
7.5°	21937.3	22607.3	23071.4	23152.2	23071.4	22607.3	21937.3	20992.8	19799.7	18491.1	17102.1
5°	22671.2	23466.5	23847.5	23943.2	23847.5	23466.5	22671.2	21639.9	20403.5	19027.5	17575.5
2.5°	23073.7	23883.4	24413.0	24351.8	24413.0	23883.4	23073.7	22044.4	20773.7	19346.6	17856.4
0°	23119.0	23965.9	24472.3	24706.2	24472.3	23965.9	23119.0	22130.7	20864.7	19457.3	17908.5
-2.5°	23073.7	23883.4	24413.0	24351.8	24413.0	23883.4	23073.7	22044.4	20773.7	19346.6	17856.4
-5°	22671.2	23466.5	23847.5	23943.2	23847.5	23466.5	22671.2	21639.9	20403.5	19027.5	17575.5
-7.5°	21937.3	22607.3	23071.4	23152.2	23071.4	22607.3	21937.3	20992.8	19799.7	18491.1	17102.1
-10°	20934.3	21544.9	21965.1	22060.8	21965.1	21544.9	20934.3	20048.4	18970.2	17755.7	16454.2
-12.5°	19734.6	20324.0	20704.4	20772.2	20704.4	20324.0	19734.6	18932.2	17989.3	16844.5	15663.1
-15°	18411.8	18980.4	19298.8	19415.4	19298.8	18980.4	18411.8	17671.0	16797.7	15806.1	14739.0
-17.5°	17014.9	17540.7	17810.0	17871.8	17810.0	17540.7	17014.9	16358.0	15575.7	14702.7	13754.7
-20°	15592.1	16014.8	16222.9	16330.0	16222.9	16014.8	15592.1	15009.1	14334.8	13567.5	12738.3



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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°	14200.7	14554.4	14704.1	14786.4	14704.1	14554.4	14200.7	13687.5	13104.9	12440.3	11696.0
-25°	12844.6	13128.6	13258.0	13373.7	13258.0	13128.6	12844.6	12407.5	11890.0	11306.4	10640.8
-27.5°	11537.6	11766.8	11879.8	11954.1	11879.8	11766.8	11537.6	11163.5	10700.0	10191.5	9610.3
-30°	10281.5	10465.4	10555.6	10599.1	10555.6	10465.4	10281.5	9961.1	9555.6	9105.7	8599.2
-32.5°	9074.4	9234.6	9320.8	9410.0	9320.8	9234.6	9074.4	8806.1	8454.1	8050.0	7601.8
-35°	7918.6	8064.1	8143.3	8187.7	8143.3	8064.1	7918.6	7687.9	7381.8	7021.8	6613.1
-37.5°	6792.8	6931.8	7016.2	7073.6	7016.2	6931.8	6792.8	6587.4	6319.8	6000.7	5625.0
-40°	5689.3	5821.6	5908.4	5968.3	5908.4	5821.6	5689.3	5500.6	5261.7	4970.3	4652.4
-42.5°	4629.8	4739.9	4807.4	4833.3	4807.4	4739.9	4629.8	4475.6	4278.0	4033.5	3777.1
-45°	3716.9	3787.9	3836.1	3864.2	3836.1	3787.9	3716.9	3615.7	3478.5	3308.2	3114.9
-47.5°	3034.6	3081.1	3115.6	3139.6	3115.6	3081.1	3034.6	2966.0	2871.0	2752.6	2616.3
-50°	2510.8	2545.9	2568.2	2577.3	2568.2	2545.9	2510.8	2459.5	2391.3	2306.9	2209.4
-52.5°	2092.1	2116.6	2134.9	2146.0	2134.9	2116.6	2092.1	2056.4	2009.1	1948.5	1875.2
-55°	1770.5	1790.6	1799.6	1798.5	1799.6	1790.6	1770.5	1741.7	1704.1	1656.8	1603.1
-57.5°	1496.5	1511.7	1519.8	1520.9	1519.8	1511.7	1496.5	1475.5	1449.0	1416.6	1378.1
-60°	1273.8	1283.1	1288.9	1290.4	1288.9	1283.1	1273.8	1259.7	1240.8	1215.5	1185.2
-62.5°	1078.6	1087.5	1091.9	1091.3	1091.9	1087.5	1078.6	1065.4	1048.2	1028.0	1006.6
-65°	873.2	874.9	878.5	880.1	878.5	874.9	873.2	868.4	860.6	851.5	839.5
-67.5°	719.7	719.1	720.8	721.2	720.8	719.1	719.7	717.9	713.8	706.6	695.5
-70°	585.3	583.9	578.8	571.0	578.8	583.9	585.3	585.9	586.5	585.1	577.5
-72.5°	434.1	414.1	394.0	371.9	394.0	414.1	434.1	453.3	472.3	485.5	481.3
-75°	314.3	281.6	270.5	260.2	270.5	281.6	314.3	345.9	376.3	399.4	396.7
-77.5°	230.5	199.4	190.3	181.6	190.3	199.4	230.5	260.4	288.7	311.7	310.7
-80°	157.1	134.4	130.0	125.7	130.0	134.4	157.1	179.0	200.1	218.7	221.1
-82.5°	98.6	81.9	79.4	76.8	79.4	81.9	98.6	114.7	130.0	143.6	142.4
-85°	45.7	38.2	37.5	36.7	37.5	38.2	45.7	52.8	59.6	65.7	64.3
-87.5°	7.8	7.0	6.1	5.2	6.1	7.0	7.8	8.6	9.4	10.1	10.4
-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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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°	10.7	10.9	11.1	11.6	12.1	12.5	12.9	12.5	12.0	11.6	11.1
85°	62.7	60.9	59.1	59.1	58.7	58.0	56.8	50.9	45.3	40.0	35.4
82.5°	140.6	138.2	135.0	130.3	125.6	120.9	115.5	103.2	91.4	80.1	70.8
80°	222.3	222.3	220.2	211.6	202.5	193.1	181.8	162.3	143.5	126.1	113.8
77.5°	309.1	307.0	302.8	291.2	279.5	267.7	252.8	227.7	202.6	178.4	162.8
75°	393.0	388.6	381.0	366.9	351.5	335.0	317.2	295.5	270.6	242.3	221.7
72.5°	475.9	469.4	459.5	444.4	427.4	409.5	390.7	369.4	345.0	317.2	296.4
70°	568.5	558.0	544.6	527.6	509.9	491.0	471.5	449.7	424.2	396.5	374.6
67.5°	681.7	665.1	646.1	625.9	606.6	584.1	561.2	536.4	510.7	481.6	453.9
65°	822.5	800.2	775.0	753.2	727.1	696.3	661.8	631.6	601.9	569.1	532.9
62.5°	984.7	962.9	928.1	892.3	857.5	822.3	780.4	738.2	697.5	656.5	614.2
60°	1150.6	1111.5	1073.6	1032.6	988.2	940.6	894.6	846.4	796.0	746.6	696.1
57.5°	1333.5	1285.2	1235.7	1182.7	1126.3	1072.2	1016.3	956.4	899.2	839.4	778.9
55°	1543.4	1485.2	1422.0	1352.6	1281.1	1216.7	1148.4	1079.7	1010.2	935.0	868.2
52.5°	1792.5	1719.8	1638.7	1548.9	1464.9	1379.7	1290.8	1212.8	1128.0	1044.3	961.2
50°	2109.7	2006.8	1895.2	1781.8	1677.7	1565.2	1460.8	1358.3	1255.6	1158.7	1061.9
47.5°	2489.8	2353.6	2200.9	2060.2	1922.3	1782.9	1654.4	1518.8	1401.0	1279.0	1171.5
45°	2951.9	2770.5	2574.4	2395.7	2201.7	2033.4	1869.5	1713.7	1558.9	1421.1	1283.8
42.5°	3542.6	3278.2	3029.3	2792.3	2547.9	2326.5	2108.2	1923.6	1741.9	1571.4	1416.5
40°	4302.4	3917.3	3597.6	3257.3	2961.5	2665.1	2404.1	2148.1	1941.8	1739.8	1550.9
37.5°	5199.4	4748.6	4292.2	3826.5	3441.3	3068.9	2732.9	2431.5	2150.8	1921.2	1703.2
35°	6147.9	5638.7	5092.1	4546.6	3984.2	3533.1	3106.2	2734.8	2407.2	2111.1	1859.9
32.5°	7094.4	6535.3	5933.5	5311.2	4679.5	4048.0	3535.6	3075.6	2665.7	2328.4	2031.2
30°	8040.4	7426.8	6767.6	6087.9	5394.9	4686.1	3987.0	3449.7	2968.5	2545.4	2203.5
27.5°	8989.5	8324.5	7603.1	6855.4	6108.3	5335.4	4560.6	3835.6	3273.5	2795.4	2392.6
25°	9939.6	9196.0	8421.5	7607.6	6793.0	5971.4	5115.4	4307.1	3615.6	3045.6	2566.9
22.5°	10892.5	10057.7	9194.2	8319.9	7444.0	6566.1	5670.2	4769.1	3939.8	3300.0	2770.9
20°	11834.2	10896.5	9951.3	9003.6	8059.4	7120.5	6184.0	5222.1	4320.8	3563.5	2961.3
17.5°	12741.2	11699.6	10673.4	9646.0	8636.1	7640.7	6644.6	5640.1	4661.1	3798.0	3129.4
15°	13605.0	12468.5	11353.9	10250.8	9160.9	8091.9	7052.5	6007.1	4970.6	4042.6	3313.8
12.5°	14420.1	13179.6	11965.5	10768.2	9610.2	8489.8	7409.2	6329.3	5262.1	4280.8	3478.1
10°	15116.2	13785.4	12478.6	11216.0	9999.2	8828.2	7703.5	6601.8	5511.9	4479.1	3612.5
7.5°	15682.2	14272.5	12894.5	11569.8	10304.3	9097.5	7930.8	6811.0	5709.8	4634.0	3716.2
5°	16095.8	14630.7	13202.7	11832.0	10515.6	9293.6	8091.1	6954.0	5853.1	4744.2	3788.8
2.5°	16352.3	14847.4	13386.0	11991.3	10638.6	9411.4	8184.1	7040.5	5934.9	4804.8	3834.3
0°	16399.8	14948.8	13443.6	12008.3	10709.1	9446.7	8208.6	7071.9	5956.1	4817.6	3848.5
-2.5°	16352.3	14847.4	13386.0	11991.3	10638.6	9411.4	8184.1	7040.5	5934.9	4804.8	3834.3
-5°	16095.8	14630.7	13202.7	11832.0	10515.6	9293.6	8091.1	6954.0	5853.1	4744.2	3788.8
-7.5°	15682.2	14272.5	12894.5	11569.8	10304.3	9097.5	7930.8	6811.0	5709.8	4634.0	3716.2
-10°	15116.2	13785.4	12478.6	11216.0	9999.2	8828.2	7703.5	6601.8	5511.9	4479.1	3612.5
-12.5°	14420.1	13179.6	11965.5	10768.2	9610.2	8489.8	7409.2	6329.3	5262.1	4280.8	3478.1
-15°	13605.0	12468.5	11353.9	10250.8	9160.9	8091.9	7052.5	6007.1	4970.6	4042.6	3313.8
-17.5°	12741.2	11699.6	10673.4	9646.0	8636.1	7640.7	6644.6	5640.1	4661.1	3798.0	3129.4
-20°	11834.2	10896.5	9951.3	9003.6	8059.4	7120.5	6184.0	5222.1	4320.8	3563.5	2961.3



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10892.5	10057.7	9194.2	8319.9	7444.0	6566.1	5670.2	4769.1	3939.8	3300.0	2770.9
-25°	9939.6	9196.0	8421.5	7607.6	6793.0	5971.4	5115.4	4307.1	3615.6	3045.6	2566.9
-27.5°	8989.5	8324.5	7603.1	6855.4	6108.3	5335.4	4560.6	3835.6	3273.5	2795.4	2392.6
-30°	8040.4	7426.8	6767.6	6087.9	5394.9	4686.1	3987.0	3449.7	2968.5	2545.4	2203.5
-32.5°	7094.4	6535.3	5933.5	5311.2	4679.5	4048.0	3535.6	3075.6	2665.7	2328.4	2031.2
-35°	6147.9	5638.7	5092.1	4546.6	3984.2	3533.1	3106.2	2734.8	2407.2	2111.1	1859.9
-37.5°	5199.4	4748.6	4292.2	3826.5	3441.3	3068.9	2732.9	2431.5	2150.8	1921.2	1703.2
-40°	4302.4	3917.3	3597.6	3257.3	2961.5	2665.1	2404.1	2148.1	1941.8	1739.8	1550.9
-42.5°	3542.6	3278.2	3029.3	2792.3	2547.9	2326.5	2108.2	1923.6	1741.9	1571.4	1416.5
-45°	2951.9	2770.5	2574.4	2395.7	2201.7	2033.4	1869.5	1713.7	1558.9	1421.1	1283.8
-47.5°	2489.8	2353.6	2200.9	2060.2	1922.3	1782.9	1654.4	1518.8	1401.0	1279.0	1171.5
-50°	2109.7	2006.8	1895.2	1781.8	1677.7	1565.2	1460.8	1358.3	1255.6	1158.7	1061.9
-52.5°	1792.5	1719.8	1638.7	1548.9	1464.9	1379.7	1290.8	1212.8	1128.0	1044.3	961.2
-55°	1543.4	1485.2	1422.0	1352.6	1281.1	1216.7	1148.4	1079.7	1010.2	935.0	868.2
-57.5°	1333.5	1285.2	1235.7	1182.7	1126.3	1072.2	1016.3	956.4	899.2	839.4	778.9
-60°	1150.6	1111.5	1073.6	1032.6	988.2	940.6	894.6	846.4	796.0	746.6	696.1
-62.5°	984.7	962.9	928.1	892.3	857.5	822.3	780.4	738.2	697.5	656.5	614.2
-65°	822.5	800.2	775.0	753.2	727.1	696.3	661.8	631.6	601.9	569.1	532.9
-67.5°	681.7	665.1	646.1	625.9	606.6	584.1	561.2	536.4	510.7	481.6	453.9
-70°	568.5	558.0	544.6	527.6	509.9	491.0	471.5	449.7	424.2	396.5	374.6
-72.5°	475.9	469.4	459.5	444.4	427.4	409.5	390.7	369.4	345.0	317.2	296.4
-75°	393.0	388.6	381.0	366.9	351.5	335.0	317.2	295.5	270.6	242.3	221.7
-77.5°	309.1	307.0	302.8	291.2	279.5	267.7	252.8	227.7	202.6	178.4	162.8
-80°	222.3	222.3	220.2	211.6	202.5	193.1	181.8	162.3	143.5	126.1	113.8
-82.5°	140.6	138.2	135.0	130.3	125.6	120.9	115.5	103.2	91.4	80.1	70.8
-85°	62.7	60.9	59.1	59.1	58.7	58.0	56.8	50.9	45.3	40.0	35.4
-87.5°	10.7	10.9	11.1	11.6	12.1	12.5	12.9	12.5	12.0	11.6	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	12.4	13.5	14.4	15.0	15.5	15.7	15.7	15.5	14.9	14.0	13.0
85°	37.0	37.8	37.6	36.5	34.1	31.5	31.5	31.0	29.8	28.1	26.0
82.5°	73.5	75.8	77.1	76.5	71.8	66.8	61.5	55.9	49.8	43.0	39.0
80°	118.1	120.7	121.6	119.6	111.1	102.1	94.2	86.2	78.2	69.2	59.2
77.5°	166.2	168.2	168.7	165.6	154.9	143.3	130.8	117.7	106.6	95.4	82.9
75°	218.0	218.7	218.2	212.6	199.4	184.4	169.3	153.0	136.8	121.6	106.6
72.5°	285.2	276.1	269.1	260.1	245.6	228.7	209.5	187.8	167.2	147.9	129.8
70°	355.5	336.1	321.1	307.2	291.1	273.3	252.0	224.8	197.1	173.7	151.8
67.5°	428.8	404.8	380.6	355.4	335.7	315.6	293.9	261.2	228.1	198.9	173.2
65°	500.3	470.6	443.2	410.4	381.8	357.2	332.8	295.8	258.0	224.0	194.2
62.5°	572.3	532.5	498.2	462.7	428.0	397.6	370.0	327.9	286.6	247.9	214.1
60°	646.3	599.6	553.0	511.9	472.7	435.9	401.5	359.1	314.3	270.8	233.0
57.5°	722.9	666.9	613.5	562.4	516.8	474.3	431.8	387.8	341.0	293.9	250.0
55°	800.2	736.9	674.3	615.7	561.6	513.3	463.2	415.2	366.6	316.5	263.6
52.5°	883.2	809.0	738.3	669.9	608.1	551.3	496.8	442.0	391.1	338.2	278.3
50°	971.1	885.4	804.6	728.2	654.2	590.9	529.5	471.5	414.9	359.2	292.2
47.5°	1063.5	966.5	874.5	786.9	706.5	629.3	563.7	500.4	438.1	379.9	304.8
45°	1165.2	1049.8	946.3	850.0	756.7	672.9	597.5	528.3	463.1	394.7	316.1
42.5°	1267.4	1139.7	1020.7	911.2	811.4	716.9	629.9	557.3	487.3	408.3	327.2
40°	1385.2	1231.6	1095.6	976.9	865.4	758.9	667.2	585.3	509.7	421.7	338.0
37.5°	1500.2	1330.6	1177.4	1039.6	918.6	806.3	703.3	611.9	527.5	436.4	347.7
35°	1635.6	1432.7	1255.2	1106.0	973.5	851.4	737.2	639.1	546.9	450.5	356.4
32.5°	1767.2	1536.7	1342.8	1174.0	1025.2	894.1	773.2	666.9	566.8	463.9	364.0
30°	1911.7	1649.9	1425.4	1237.6	1076.6	938.1	809.4	693.1	586.8	476.6	371.4
27.5°	2050.5	1754.2	1505.8	1304.9	1130.9	979.2	842.9	717.6	606.8	489.8	380.6
25°	2188.1	1866.8	1594.4	1369.2	1180.8	1016.6	873.7	740.5	626.5	504.7	388.9
22.5°	2337.4	1975.8	1674.2	1426.9	1225.9	1050.8	903.0	765.6	644.5	518.8	396.1
20°	2474.7	2074.2	1745.5	1482.2	1270.7	1087.6	930.6	788.0	660.8	532.1	402.2
17.5°	2604.2	2174.2	1825.1	1541.9	1313.2	1120.1	954.8	807.7	675.1	544.3	407.2
15°	2740.1	2273.6	1896.6	1593.6	1349.8	1148.1	975.6	824.7	687.4	555.3	411.9
12.5°	2856.1	2357.7	1956.8	1637.1	1380.7	1171.6	992.9	838.8	697.7	564.7	416.1
10°	2951.8	2426.0	2005.3	1672.2	1405.5	1190.4	1006.7	850.2	706.2	571.9	418.4
7.5°	3026.2	2478.1	2042.0	1698.9	1424.5	1205.1	1018.3	859.1	712.9	577.0	418.9
5°	3078.3	2514.5	2068.9	1717.5	1439.0	1215.7	1026.5	865.0	717.4	579.8	417.7
2.5°	3105.6	2535.0	2085.4	1727.4	1447.3	1221.4	1031.1	867.9	719.6	580.2	414.8
0°	3109.9	2538.9	2090.1	1728.7	1449.3	1222.3	1032.0	867.8	719.4	578.0	410.3
-2.5°	3105.6	2535.0	2085.4	1727.4	1447.3	1221.4	1031.1	867.9	719.6	580.2	414.8
-5°	3078.3	2514.5	2068.9	1717.5	1439.0	1215.7	1026.5	865.0	717.4	579.8	417.7
-7.5°	3026.2	2478.1	2042.0	1698.9	1424.5	1205.1	1018.3	859.1	712.9	577.0	418.9
-10°	2951.8	2426.0	2005.3	1672.2	1405.5	1190.4	1006.7	850.2	706.2	571.9	418.4
-12.5°	2856.1	2357.7	1956.8	1637.1	1380.7	1171.6	992.9	838.8	697.7	564.7	416.1
-15°	2740.1	2273.6	1896.6	1593.6	1349.8	1148.1	975.6	824.7	687.4	555.3	411.9
-17.5°	2604.2	2174.2	1825.1	1541.9	1313.2	1120.1	954.8	807.7	675.1	544.3	407.2
-20°	2474.7	2074.2	1745.5	1482.2	1270.7	1087.6	930.6	788.0	660.8	532.1	402.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	2337.4	1975.8	1674.2	1426.9	1225.9	1050.8	903.0	765.6	644.5	518.8	396.1
-25°	2188.1	1866.8	1594.4	1369.2	1180.8	1016.6	873.7	740.5	626.5	504.7	388.9
-27.5°	2050.5	1754.2	1505.8	1304.9	1130.9	979.2	842.9	717.6	606.8	489.8	380.6
-30°	1911.7	1649.9	1425.4	1237.6	1076.6	938.1	809.4	693.1	586.8	476.6	371.4
-32.5°	1767.2	1536.7	1342.8	1174.0	1025.2	894.1	773.2	666.9	566.8	463.9	364.0
-35°	1635.6	1432.7	1255.2	1106.0	973.5	851.4	737.2	639.1	546.9	450.5	356.4
-37.5°	1500.2	1330.6	1177.4	1039.6	918.6	806.3	703.3	611.9	527.5	436.4	347.7
-40°	1385.2	1231.6	1095.6	976.9	865.4	758.9	667.2	585.3	509.7	421.7	338.0
-42.5°	1267.4	1139.7	1020.7	911.2	811.4	716.9	629.9	557.3	487.3	408.3	327.2
-45°	1165.2	1049.8	946.3	850.0	756.7	672.9	597.5	528.3	463.1	394.7	316.1
-47.5°	1063.5	966.5	874.5	786.9	706.5	629.3	563.7	500.4	438.1	379.9	304.8
-50°	971.1	885.4	804.6	728.2	654.2	590.9	529.5	471.5	414.9	359.2	292.2
-52.5°	883.2	809.0	738.3	669.9	608.1	551.3	496.8	442.0	391.1	338.2	278.3
-55°	800.2	736.9	674.3	615.7	561.6	513.3	463.2	415.2	366.6	316.5	263.6
-57.5°	722.9	666.9	613.5	562.4	516.8	474.3	431.8	387.8	341.0	293.9	250.0
-60°	646.3	599.6	553.0	511.9	472.7	435.9	401.5	359.1	314.3	270.8	233.0
-62.5°	572.3	532.5	498.2	462.7	428.0	397.6	370.0	327.9	286.6	247.9	214.1
-65°	500.3	470.6	443.2	410.4	381.8	357.2	332.8	295.8	258.0	224.0	194.2
-67.5°	428.8	404.8	380.6	355.4	335.7	315.6	293.9	261.2	228.1	198.9	173.2
-70°	355.5	336.1	321.1	307.2	291.1	273.3	252.0	224.8	197.1	173.7	151.8
-72.5°	285.2	276.1	269.1	260.1	245.6	228.7	209.5	187.8	167.2	147.9	129.8
-75°	218.0	218.7	218.2	212.6	199.4	184.4	169.3	153.0	136.8	121.6	106.6
-77.5°	166.2	168.2	168.7	165.6	154.9	143.3	130.8	117.7	106.6	95.4	82.9
-80°	118.1	120.7	121.6	119.6	111.1	102.1	94.2	86.2	78.2	69.2	59.2
-82.5°	73.5	75.8	77.1	76.5	71.8	66.8	61.5	55.9	49.8	43.0	39.0
-85°	37.0	37.8	37.6	36.5	34.1	31.5	31.5	31.0	29.8	28.1	26.0
-87.5°	12.4	13.5	14.4	15.0	15.5	15.7	15.7	15.5	14.9	14.0	13.0
-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: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	11.7	9.2	6.8	4.7	2.9	1.3	0.0
85°	23.4	18.3	13.6	9.4	5.8	2.5	0.0
82.5°	35.0	27.3	20.4	14.1	8.6	3.8	0.0
80°	47.6	36.3	27.0	18.8	11.5	5.0	0.0
77.5°	67.9	47.2	33.6	23.3	14.3	6.2	0.0
75°	87.7	61.7	40.7	27.8	17.0	7.4	0.0
72.5°	106.9	75.8	50.4	32.2	19.7	8.6	0.0
70°	125.0	89.3	59.8	36.8	22.3	9.8	0.0
67.5°	140.8	102.2	68.8	42.6	24.9	10.9	0.0
65°	155.8	114.0	77.3	48.0	27.3	12.0	0.0
62.5°	169.9	124.9	85.3	53.2	29.7	13.1	0.0
60°	183.2	135.1	92.8	58.1	32.0	14.1	0.0
57.5°	195.1	144.5	99.8	62.7	34.8	15.1	0.0
55°	206.2	153.3	106.3	66.9	37.4	16.1	0.0
52.5°	216.3	161.3	112.3	70.7	40.0	17.0	0.0
50°	225.5	168.6	117.7	74.2	42.5	17.8	0.0
47.5°	234.1	175.3	122.6	77.4	44.8	18.7	0.0
45°	243.6	181.1	126.8	80.5	47.0	19.5	0.0
42.5°	252.2	186.2	130.5	83.3	49.1	20.2	0.0
40°	259.7	190.6	133.8	86.3	51.1	20.9	0.0
37.5°	266.1	194.1	136.8	89.5	52.9	21.5	0.0
35°	271.4	198.1	139.2	92.3	54.6	22.1	0.0
32.5°	276.2	201.8	141.1	94.9	56.1	22.6	0.0
30°	281.7	204.7	142.4	97.3	57.6	23.0	0.0
27.5°	286.1	206.8	145.4	99.4	58.8	23.4	0.0
25°	289.6	208.0	148.3	101.2	59.9	23.8	0.0
22.5°	292.0	209.7	150.9	102.7	60.9	24.1	0.0
20°	293.4	213.5	153.1	104.0	61.7	24.3	0.0
17.5°	296.7	216.6	155.0	105.0	62.4	24.5	0.0
15°	300.7	219.1	156.5	105.8	62.9	24.7	0.0
12.5°	303.5	220.8	157.6	106.3	63.3	24.8	0.0
10°	305.3	222.0	158.3	106.5	63.5	24.8	0.0
7.5°	306.1	222.4	158.6	106.4	63.6	24.8	0.0
5°	305.7	222.2	158.5	106.1	63.5	24.7	0.0
2.5°	304.4	221.4	158.1	105.6	63.3	24.6	0.0
0°	302.1	220.0	157.2	104.8	62.9	24.4	0.0
-2.5°	304.4	221.4	158.1	105.6	63.3	24.6	0.0
-5°	305.7	222.2	158.5	106.1	63.5	24.7	0.0
-7.5°	306.1	222.4	158.6	106.4	63.6	24.8	0.0
-10°	305.3	222.0	158.3	106.5	63.5	24.8	0.0
-12.5°	303.5	220.8	157.6	106.3	63.3	24.8	0.0
-15°	300.7	219.1	156.5	105.8	62.9	24.7	0.0
-17.5°	296.7	216.6	155.0	105.0	62.4	24.5	0.0
-20°	293.4	213.5	153.1	104.0	61.7	24.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	292.0	209.7	150.9	102.7	60.9	24.1	0.0
-25°	289.6	208.0	148.3	101.2	59.9	23.8	0.0
-27.5°	286.1	206.8	145.4	99.4	58.8	23.4	0.0
-30°	281.7	204.7	142.4	97.3	57.6	23.0	0.0
-32.5°	276.2	201.8	141.1	94.9	56.1	22.6	0.0
-35°	271.4	198.1	139.2	92.3	54.6	22.1	0.0
-37.5°	266.1	194.1	136.8	89.5	52.9	21.5	0.0
-40°	259.7	190.6	133.8	86.3	51.1	20.9	0.0
-42.5°	252.2	186.2	130.5	83.3	49.1	20.2	0.0
-45°	243.6	181.1	126.8	80.5	47.0	19.5	0.0
-47.5°	234.1	175.3	122.6	77.4	44.8	18.7	0.0
-50°	225.5	168.6	117.7	74.2	42.5	17.8	0.0
-52.5°	216.3	161.3	112.3	70.7	40.0	17.0	0.0
-55°	206.2	153.3	106.3	66.9	37.4	16.1	0.0
-57.5°	195.1	144.5	99.8	62.7	34.8	15.1	0.0
-60°	183.2	135.1	92.8	58.1	32.0	14.1	0.0
-62.5°	169.9	124.9	85.3	53.2	29.7	13.1	0.0
-65°	155.8	114.0	77.3	48.0	27.3	12.0	0.0
-67.5°	140.8	102.2	68.8	42.6	24.9	10.9	0.0
-70°	125.0	89.3	59.8	36.8	22.3	9.8	0.0
-72.5°	106.9	75.8	50.4	32.2	19.7	8.6	0.0
-75°	87.7	61.7	40.7	27.8	17.0	7.4	0.0
-77.5°	67.9	47.2	33.6	23.3	14.3	6.2	0.0
-80°	47.6	36.3	27.0	18.8	11.5	5.0	0.0
-82.5°	35.0	27.3	20.4	14.1	8.6	3.8	0.0
-85°	23.4	18.3	13.6	9.4	5.8	2.5	0.0
-87.5°	11.7	9.2	6.8	4.7	2.9	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)