

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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

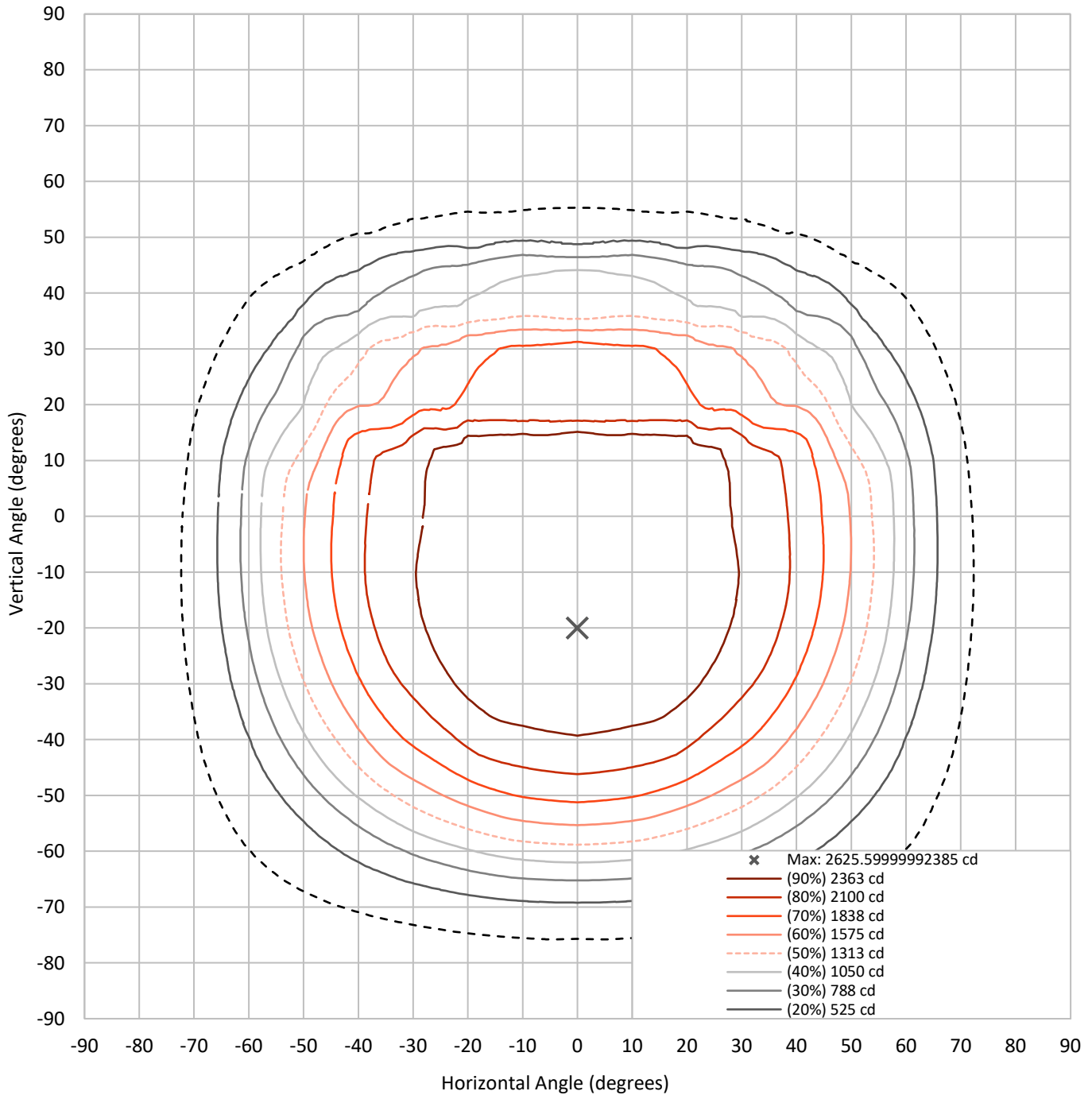
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6156.6 lumens	Max Intensity:	2625.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	96.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	4812.8 lumens	Field Lumens:	6034.3 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

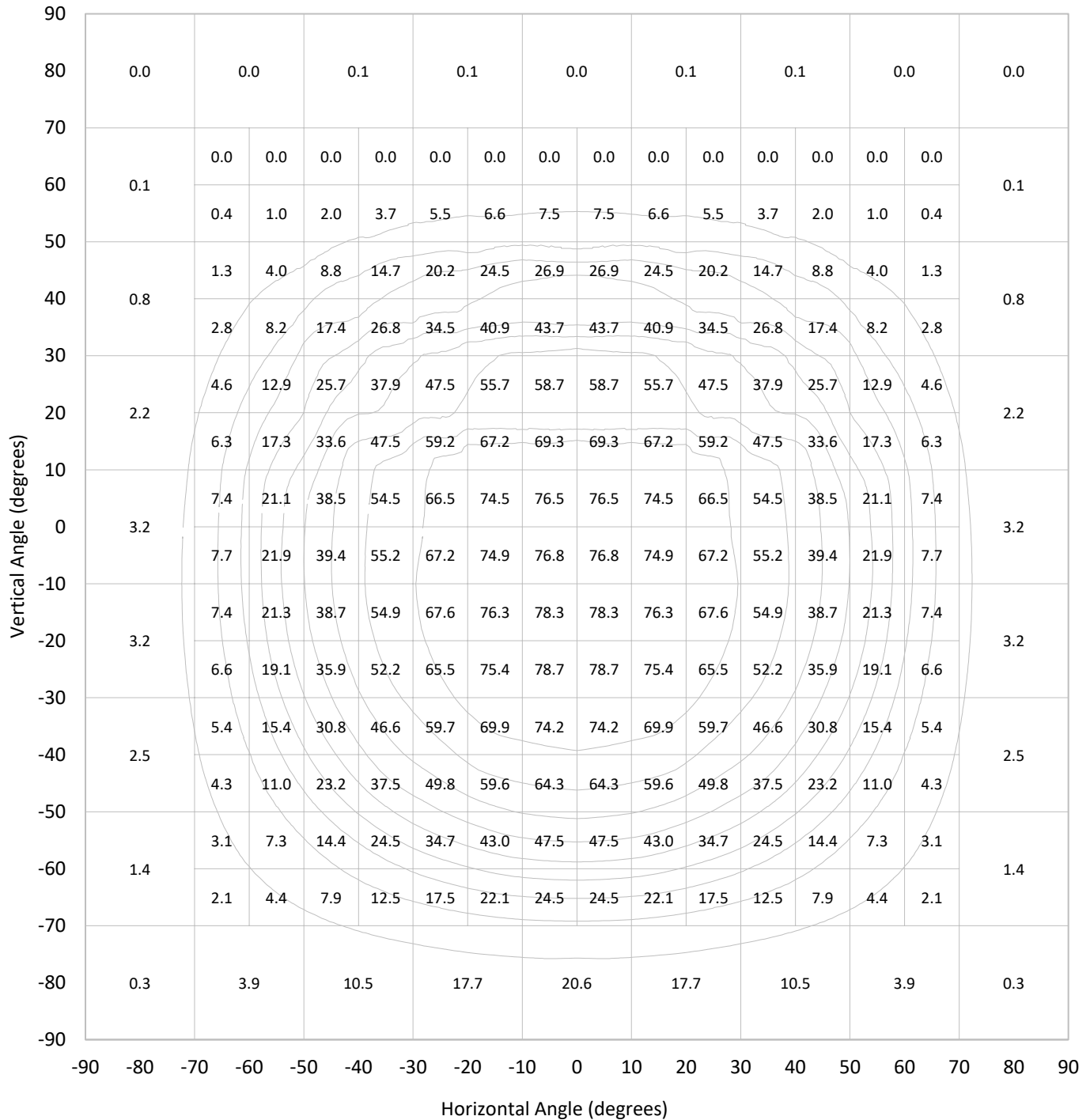
Iso-Candela Plot





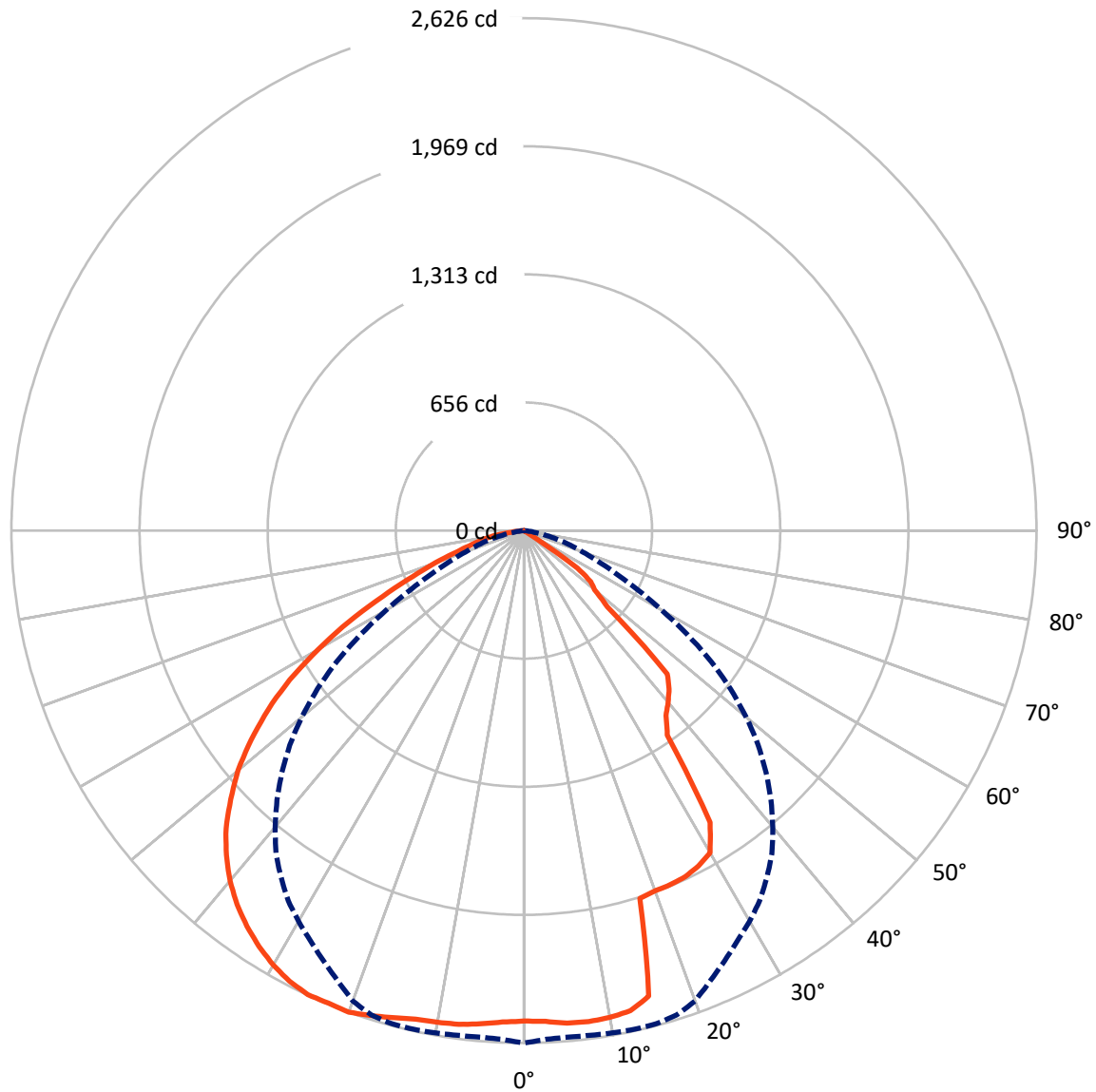
REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

Luminous Intensity Polar Plot

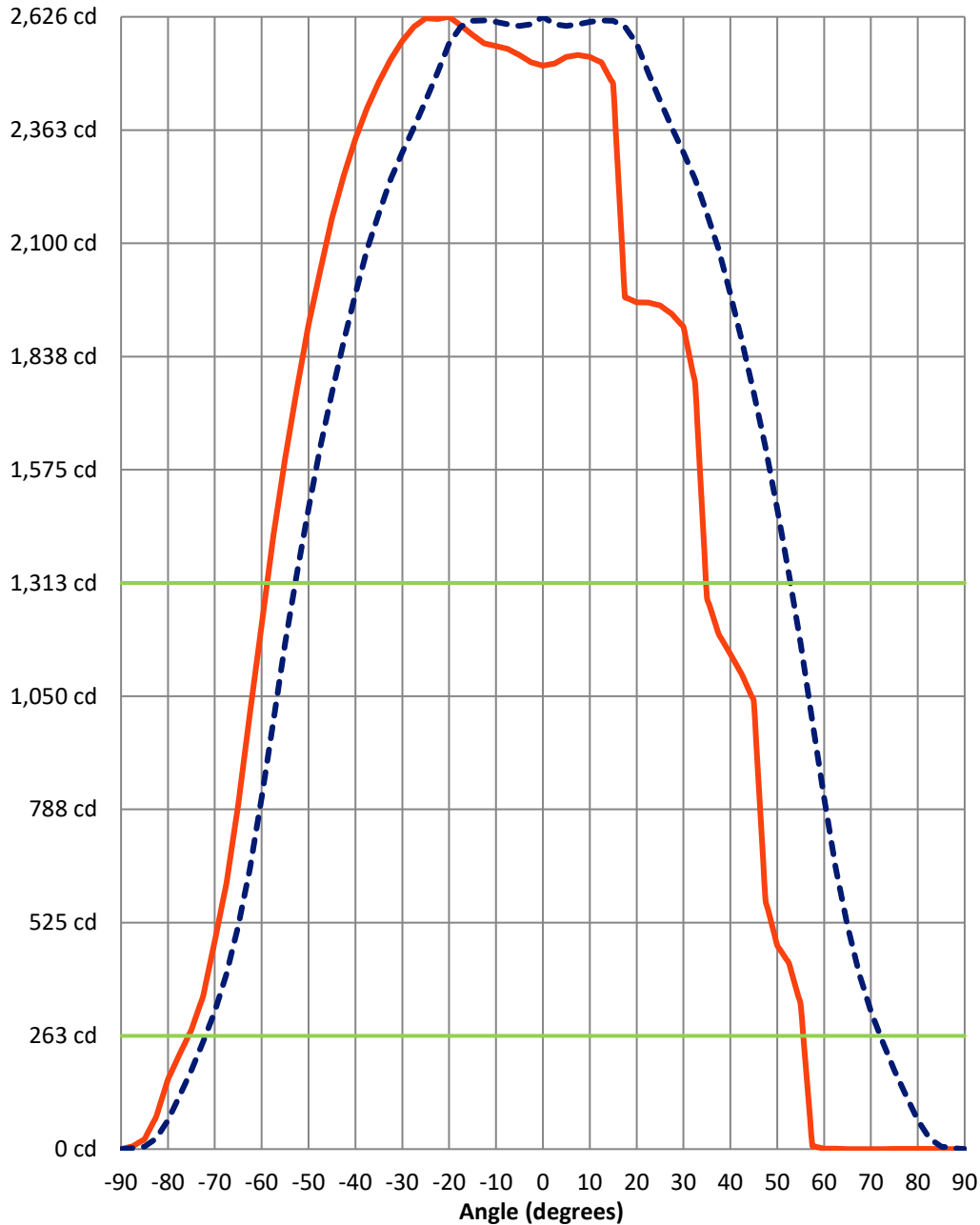


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 4812.8
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 6034.3
 Efficiency: 98.0%

Spill:
 Lumens: 122.3
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5
82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.7	0.6
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.0	0.9	0.7	0.6
77.5°	0.0	0.3	0.5	0.7	0.9	1.1	1.1	1.0	0.9	0.7	0.6
75°	0.0	0.4	0.6	0.9	1.1	1.1	1.1	1.0	0.9	0.8	0.6
72.5°	0.0	0.4	0.7	1.0	1.2	1.2	1.1	1.0	0.9	0.8	0.7
70°	0.0	0.5	0.8	1.1	1.2	1.2	1.2	1.0	0.9	0.8	0.9
67.5°	0.0	0.5	0.9	1.2	1.3	1.3	1.3	1.0	0.9	1.3	1.3
65°	0.0	0.6	1.0	1.2	1.3	1.5	1.5	1.1	1.5	1.8	2.2
62.5°	0.0	0.7	1.1	1.3	1.4	1.8	1.7	1.5	2.1	3.1	4.9
60°	0.0	0.7	1.2	1.4	1.5	2.2	2.1	2.1	2.7	7.8	8.5
57.5°	0.0	0.8	1.2	1.4	1.9	2.7	3.8	3.0	7.6	13.2	15.4
55°	0.0	0.8	1.3	1.5	2.4	3.2	6.1	4.9	14.1	20.4	24.9
52.5°	0.0	0.9	1.4	1.5	2.9	4.1	8.8	12.3	21.2	32.0	36.1
50°	0.0	0.9	1.4	1.6	3.4	7.0	11.8	20.8	30.4	44.9	56.3
47.5°	0.0	1.0	1.5	1.8	3.9	10.1	15.9	29.6	43.7	59.2	77.1
45°	0.0	1.1	1.6	2.2	4.5	13.4	24.0	38.9	58.7	77.2	97.2
42.5°	0.0	1.1	1.7	2.6	5.1	16.9	32.3	50.7	74.0	94.6	120.4
40°	0.0	1.2	1.7	3.2	6.8	20.6	40.7	64.1	89.7	111.8	145.2
37.5°	0.0	1.2	1.8	3.8	9.7	24.6	49.4	77.5	106.1	132.4	171.2
35°	0.0	1.3	1.9	4.6	12.7	30.5	58.1	91.0	122.8	157.7	201.8
32.5°	0.0	1.3	1.9	5.4	15.7	37.4	67.6	104.3	139.7	183.2	239.1
30°	0.0	1.3	2.0	6.3	18.7	44.3	78.5	117.8	156.8	208.7	274.8
27.5°	0.0	1.4	2.1	7.2	22.5	51.1	89.2	131.9	175.6	234.2	309.0
25°	0.0	1.4	2.2	8.2	26.3	57.7	99.6	145.8	196.8	262.0	341.6
22.5°	0.0	1.5	2.2	9.3	30.1	64.5	109.7	159.5	217.5	289.8	374.6
20°	0.0	1.5	2.3	10.4	33.9	71.8	119.4	172.8	237.7	316.1	406.7
17.5°	0.0	1.5	2.4	11.4	37.6	78.9	129.0	185.8	257.3	340.7	437.9
15°	0.0	1.6	2.4	12.5	41.3	85.7	138.3	197.9	276.1	363.6	467.8
12.5°	0.0	1.6	2.5	13.6	44.8	92.2	147.0	208.7	291.1	384.9	496.3
10°	0.0	1.6	2.6	14.7	48.1	98.3	155.0	218.7	302.3	397.7	519.5
7.5°	0.0	1.6	2.6	15.7	51.3	104.0	162.4	227.7	311.8	407.5	533.1
5°	0.0	1.7	2.7	16.7	54.3	109.3	169.2	235.9	319.8	415.5	544.1
2.5°	0.0	1.7	2.7	17.6	57.0	114.0	175.2	243.1	326.2	421.7	552.5
0°	0.0	1.7	2.8	18.5	59.4	118.3	180.5	249.4	331.3	426.0	558.3
-2.5°	0.0	1.8	3.2	19.7	61.7	121.0	183.1	253.1	333.1	431.5	562.1
-5°	0.0	1.9	3.7	20.8	63.6	123.1	185.1	255.8	333.7	435.1	563.3
-7.5°	0.0	2.0	4.1	21.8	65.2	124.7	186.3	257.5	333.3	436.5	562.0
-10°	0.0	2.1	4.5	22.7	66.4	125.6	186.9	258.1	331.8	435.6	558.5
-12.5°	0.0	2.1	4.9	23.4	67.2	126.0	186.8	257.7	329.5	432.1	552.3
-15°	0.0	2.2	5.2	24.0	67.5	125.8	186.0	256.2	326.9	425.3	543.4
-17.5°	0.0	2.3	5.6	24.4	67.5	125.1	184.7	253.1	323.7	416.7	531.9
-20°	0.0	2.3	5.9	24.6	67.0	123.8	182.6	248.7	319.2	406.5	517.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.4	6.2	24.7	66.1	121.9	179.5	243.4	313.3	394.8	500.6
-25°	0.0	2.4	6.4	24.6	64.7	118.9	175.7	237.2	306.1	381.5	481.0
-27.5°	0.0	2.4	6.6	24.3	62.8	115.3	171.3	230.2	297.4	368.7	463.6
-30°	0.0	2.4	6.8	23.8	60.4	111.1	166.1	222.4	287.9	357.9	445.1
-32.5°	0.0	2.5	6.9	23.1	57.7	106.5	160.3	215.2	277.8	345.3	425.2
-35°	0.0	2.4	7.0	22.2	54.6	101.4	153.9	207.7	266.9	331.1	404.2
-37.5°	0.0	2.4	7.1	21.1	51.3	96.2	147.1	199.3	255.3	315.3	383.4
-40°	0.0	2.4	7.1	19.8	47.6	91.5	139.8	190.1	242.9	300.3	362.8
-42.5°	0.0	2.4	7.1	18.4	44.8	86.5	131.9	180.2	230.9	284.4	340.7
-45°	0.0	2.3	7.0	16.9	42.9	81.2	123.6	169.9	218.6	267.5	317.8
-47.5°	0.0	2.3	6.9	15.3	40.7	75.6	114.8	159.6	205.5	249.8	297.9
-50°	0.0	2.2	6.7	14.7	38.1	69.7	107.4	148.8	191.0	233.5	277.2
-52.5°	0.0	2.1	6.5	14.4	35.2	63.4	100.0	137.5	177.1	216.8	255.9
-55°	0.0	2.0	6.2	14.0	32.0	58.7	92.4	126.1	163.1	199.6	237.0
-57.5°	0.0	1.9	5.9	13.4	28.5	54.0	84.4	117.1	148.7	183.1	217.7
-60°	0.0	1.8	5.6	12.6	24.7	48.7	76.4	107.0	134.3	166.4	198.3
-62.5°	0.0	1.7	5.3	11.7	23.0	43.1	69.0	96.1	121.0	149.3	179.4
-65°	0.0	1.6	4.9	10.7	21.0	37.1	61.1	84.8	106.8	132.1	160.1
-67.5°	0.0	1.4	4.5	9.6	18.8	32.1	52.7	73.6	91.9	114.2	139.2
-70°	0.0	1.3	4.1	8.3	16.3	28.1	43.8	62.1	78.6	95.4	116.9
-72.5°	0.0	1.2	3.6	7.3	13.7	23.7	37.1	50.3	65.0	79.9	95.0
-75°	0.0	1.0	3.1	6.4	10.9	19.2	30.3	40.5	51.2	64.2	77.3
-77.5°	0.0	0.8	2.6	5.4	9.0	14.4	23.2	31.3	39.8	48.9	59.4
-80°	0.0	0.7	2.1	4.3	7.3	11.0	15.8	21.9	28.5	35.6	43.2
-82.5°	0.0	0.5	1.6	3.3	5.5	8.3	11.6	14.1	17.0	22.0	27.4
-85°	0.0	0.3	1.1	2.2	3.7	5.5	7.8	9.4	11.1	12.8	14.7
-87.5°	0.0	0.2	0.5	1.1	1.8	2.8	3.9	4.7	5.6	6.4	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6
67.5°	1.1	0.9	0.8	0.8	0.8	0.9	0.8	0.7	0.6	0.6	0.6
65°	1.1	1.0	1.4	1.6	1.2	1.0	0.9	0.7	0.8	0.8	0.8
62.5°	1.7	2.1	2.7	4.7	3.5	1.0	1.8	2.2	1.6	1.3	1.4
60°	5.4	3.7	11.0	15.8	9.9	3.6	4.4	14.6	12.7	2.3	7.9
57.5°	11.5	15.7	29.1	29.6	20.5	14.1	41.1	47.5	35.9	21.0	32.1
55°	25.3	38.9	48.2	44.7	48.8	73.8	87.7	78.8	66.4	102.1	130.4
52.5°	49.5	63.4	66.5	76.4	109.3	125.6	120.4	128.8	167.0	207.4	216.1
50°	73.1	84.4	93.3	134.9	160.7	162.3	174.3	212.1	263.1	287.8	281.8
47.5°	95.9	107.7	148.9	188.8	200.4	216.3	246.2	319.3	373.3	374.3	368.2
45°	120.0	151.4	204.0	230.1	248.9	279.5	351.9	452.7	457.9	472.5	562.6
42.5°	145.8	200.8	246.7	273.8	304.2	361.4	457.9	524.1	546.8	610.9	683.3
40°	187.5	248.5	288.6	323.3	362.3	445.9	551.6	613.5	632.0	687.5	741.9
37.5°	229.9	288.4	333.3	375.1	429.2	542.0	664.3	715.4	724.7	734.8	855.5
35°	270.7	329.2	383.0	437.7	504.1	666.4	773.3	821.4	819.9	888.4	1014.7
32.5°	308.8	371.0	434.5	507.7	617.1	783.5	890.4	919.2	962.8	1062.5	1235.0
30°	346.9	417.6	490.5	577.7	716.4	860.6	982.6	1028.9	1103.6	1217.4	1343.0
27.5°	386.1	465.4	553.5	655.7	794.7	927.2	1031.5	1142.1	1214.7	1316.6	1406.0
25°	425.2	516.0	615.7	723.9	850.7	974.2	1082.0	1209.7	1287.7	1369.9	1453.3
22.5°	466.2	567.3	679.9	777.9	897.9	1014.1	1142.5	1281.0	1382.4	1434.6	1490.6
20°	509.0	622.7	742.9	851.5	944.4	1051.2	1203.2	1371.5	1502.4	1561.2	1568.9
17.5°	551.2	676.5	805.7	923.2	1023.5	1118.6	1267.0	1479.9	1642.7	1697.4	1721.6
15°	592.4	728.2	868.2	993.1	1103.1	1219.4	1377.8	1594.4	1780.6	1841.0	1879.2
12.5°	632.1	777.5	929.6	1060.6	1182.8	1313.2	1478.5	1676.8	1846.7	1963.6	2033.8
10°	670.0	824.1	989.3	1125.4	1261.6	1400.2	1561.8	1738.2	1876.5	1989.3	2088.8
7.5°	689.1	854.5	1040.5	1187.1	1338.4	1480.7	1630.1	1781.4	1897.9	2008.6	2104.8
5°	702.1	867.0	1056.5	1208.6	1379.3	1534.3	1679.4	1809.8	1911.9	2021.6	2115.6
2.5°	711.3	875.1	1067.4	1220.4	1394.6	1550.8	1693.6	1819.3	1923.4	2030.9	2127.2
0°	716.9	878.9	1072.9	1227.6	1404.2	1561.7	1701.8	1822.9	1931.1	2035.4	2139.1
-2.5°	720.1	890.7	1076.6	1246.2	1413.5	1571.0	1713.4	1831.5	1944.6	2043.9	2147.8
-5°	719.7	897.7	1075.6	1258.7	1417.9	1574.7	1719.1	1835.5	1951.9	2050.2	2151.4
-7.5°	715.8	899.3	1070.7	1262.6	1418.1	1573.4	1716.6	1837.3	1951.8	2056.0	2151.7
-10°	708.8	893.0	1066.2	1252.5	1412.6	1567.1	1708.8	1833.2	1947.3	2054.9	2149.8
-12.5°	700.6	879.8	1056.9	1237.9	1401.6	1555.2	1697.1	1822.7	1938.8	2046.1	2145.5
-15°	688.3	862.4	1041.5	1219.4	1384.8	1537.8	1681.8	1805.6	1925.6	2030.7	2132.8
-17.5°	671.7	840.8	1019.9	1197.4	1362.1	1515.2	1662.2	1783.0	1902.4	2011.0	2109.6
-20°	650.9	815.2	991.8	1172.4	1333.4	1484.8	1627.3	1753.7	1872.4	1982.8	2086.4



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	625.6	785.8	958.0	1138.7	1297.4	1447.2	1587.9	1716.4	1839.4	1946.2	2056.6
-25°	600.3	754.7	920.7	1092.0	1255.7	1404.9	1546.0	1671.2	1796.8	1907.9	2012.8
-27.5°	576.1	718.7	877.4	1040.6	1208.4	1356.9	1496.8	1622.1	1744.0	1865.5	1966.5
-30°	548.9	676.9	829.8	985.7	1149.3	1300.5	1441.4	1571.4	1687.5	1807.4	1915.8
-32.5°	518.9	632.7	779.6	929.6	1083.9	1238.3	1378.0	1507.1	1627.9	1741.3	1855.1
-35°	489.6	596.9	726.4	869.3	1014.5	1166.1	1305.8	1433.7	1559.0	1671.3	1780.1
-37.5°	463.2	558.1	669.9	806.4	945.1	1088.5	1230.6	1354.4	1473.6	1597.2	1703.2
-40°	434.7	516.5	620.9	741.6	872.3	1008.7	1144.7	1272.8	1384.9	1507.0	1623.6
-42.5°	404.8	482.7	572.5	673.0	796.4	924.9	1056.3	1181.5	1297.9	1413.1	1528.7
-45°	378.6	446.9	523.3	615.1	715.6	836.5	960.9	1085.8	1197.5	1307.2	1421.3
-47.5°	350.8	410.8	481.6	554.8	642.2	743.3	860.2	975.4	1089.8	1194.2	1295.2
-50°	323.1	378.4	436.5	502.5	574.6	656.5	753.6	860.7	965.2	1072.4	1172.5
-52.5°	299.2	344.3	396.8	451.8	513.6	581.3	659.2	747.1	842.2	933.2	1033.0
-55°	274.4	315.1	357.5	405.9	457.2	514.4	578.2	652.2	724.7	808.9	890.3
-57.5°	251.8	286.1	322.2	362.2	406.8	452.6	508.4	565.9	631.7	697.1	761.6
-60°	230.4	258.5	289.1	323.0	358.8	399.6	441.2	490.6	543.6	595.8	650.6
-62.5°	208.9	232.5	257.5	285.6	316.9	347.7	383.2	421.3	460.3	504.5	547.7
-65°	186.8	205.9	227.1	250.4	275.3	301.6	328.9	357.1	390.2	422.7	454.1
-67.5°	163.3	179.6	196.8	215.2	236.1	256.7	277.3	301.1	325.5	349.5	374.4
-70°	137.3	152.7	167.0	181.9	197.4	213.6	231.1	248.6	265.8	283.8	303.8
-72.5°	110.9	125.0	137.6	148.6	161.3	174.8	187.6	199.9	212.9	226.5	240.0
-75°	88.4	97.8	109.0	119.2	129.4	138.9	147.3	157.7	168.6	178.5	186.6
-77.5°	69.0	77.5	85.2	92.1	100.1	109.6	117.9	125.0	131.9	139.4	147.3
-80°	50.2	57.3	64.3	70.6	75.3	80.6	87.0	94.2	100.5	105.6	110.2
-82.5°	32.4	37.5	42.7	48.0	50.2	51.7	53.1	55.6	59.5	63.3	67.0
-85°	16.2	17.6	20.8	24.0	25.2	26.0	26.5	26.8	28.1	29.4	30.4
-87.5°	8.1	8.8	9.5	10.3	9.9	9.4	8.7	7.9	7.7	7.5	7.2
-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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.0
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
65°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.4
62.5°	1.4	1.6	1.3	1.2	1.2	1.2	1.1	1.1	1.0	0.9	1.0
60°	8.8	5.2	3.0	3.5	3.2	2.1	2.7	3.1	3.2	2.9	2.6
57.5°	48.7	36.4	26.9	64.3	64.5	30.8	37.1	58.3	48.0	15.8	14.6
55°	135.5	162.1	213.4	202.7	206.0	236.9	258.7	229.0	224.5	239.2	276.3
52.5°	243.5	268.9	286.1	302.2	321.8	342.9	364.6	378.5	391.4	405.2	413.4
50°	311.0	346.7	371.2	362.1	412.9	433.7	412.6	431.5	454.5	460.8	463.8
47.5°	459.2	511.5	521.9	555.6	585.9	585.3	559.5	561.0	629.5	689.9	719.6
45°	659.9	661.6	694.6	754.1	796.7	783.3	819.2	900.9	928.1	954.4	975.9
42.5°	738.1	770.5	823.0	875.7	907.4	934.9	961.5	991.6	1026.9	1055.5	1078.3
40°	813.8	839.9	893.7	936.1	962.4	988.1	1019.1	1052.4	1084.7	1109.8	1127.0
37.5°	930.3	950.6	963.7	1003.1	1052.8	1029.8	1088.7	1130.8	1150.0	1175.6	1177.9
35°	1106.6	1093.2	1075.8	1232.5	1241.9	1188.9	1243.9	1309.3	1274.8	1346.6	1385.2
32.5°	1263.0	1261.0	1397.7	1480.1	1432.7	1471.4	1598.2	1592.6	1677.1	1716.3	1705.1
30°	1410.3	1460.5	1539.6	1600.9	1609.2	1670.2	1726.5	1775.8	1826.8	1872.5	1875.7
27.5°	1485.0	1550.6	1604.2	1639.7	1679.4	1730.7	1781.8	1837.3	1880.7	1909.5	1916.4
25°	1530.2	1597.2	1637.8	1676.0	1719.8	1764.1	1821.3	1881.8	1916.7	1934.3	1940.0
22.5°	1570.1	1630.2	1673.9	1705.0	1752.0	1799.7	1853.0	1904.2	1942.1	1949.8	1952.6
20°	1608.4	1666.2	1739.3	1784.9	1782.7	1836.3	1887.7	1928.4	1960.0	1959.8	1960.6
17.5°	1719.4	1740.1	1872.6	1973.2	1923.4	1897.1	2038.4	2041.1	2049.5	2032.8	1996.7
15°	1883.8	1921.4	2084.2	2193.2	2158.9	2157.1	2361.2	2310.6	2354.2	2342.8	2391.8
12.5°	2057.9	2102.4	2224.1	2331.1	2382.2	2394.7	2462.9	2526.8	2539.9	2534.7	2525.1
10°	2176.5	2239.9	2288.8	2353.8	2405.2	2457.7	2497.3	2543.2	2558.2	2549.5	2537.2
7.5°	2192.0	2254.6	2312.0	2369.0	2418.0	2460.3	2501.4	2538.7	2554.0	2548.9	2540.5
5°	2201.8	2258.5	2314.2	2372.0	2418.9	2458.1	2499.0	2536.8	2545.8	2539.7	2531.5
2.5°	2207.8	2260.4	2314.0	2371.6	2414.2	2451.5	2492.8	2533.2	2533.1	2530.4	2525.6
0°	2210.8	2263.5	2325.7	2377.9	2425.5	2460.8	2501.7	2541.0	2538.2	2530.9	2522.5
-2.5°	2217.1	2270.5	2334.0	2377.2	2430.9	2463.3	2505.5	2539.5	2538.2	2534.6	2530.5
-5°	2222.7	2282.8	2342.2	2387.6	2441.4	2483.8	2525.8	2552.3	2553.8	2548.8	2541.7
-7.5°	2226.2	2292.7	2349.4	2395.0	2447.2	2496.4	2539.1	2566.9	2567.5	2560.9	2552.5
-10°	2225.0	2295.3	2353.6	2400.8	2454.3	2502.8	2547.4	2582.8	2581.6	2575.3	2568.1
-12.5°	2220.8	2291.0	2350.9	2398.2	2459.0	2508.9	2559.1	2594.3	2596.1	2591.4	2583.6
-15°	2211.6	2284.0	2342.3	2394.0	2453.5	2511.9	2563.4	2602.2	2609.2	2605.3	2599.2
-17.5°	2193.3	2269.8	2331.6	2387.3	2444.4	2506.6	2565.2	2607.7	2617.1	2615.6	2610.5
-20°	2169.3	2248.2	2311.0	2369.3	2431.5	2495.7	2563.9	2602.6	2616.3	2617.2	2613.7



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2142.4	2219.6	2286.2	2343.5	2410.9	2475.9	2537.7	2583.1	2606.2	2610.5	2610.8
-25°	2110.1	2189.5	2255.6	2316.7	2379.4	2446.5	2508.9	2559.6	2583.0	2594.1	2597.6
-27.5°	2064.5	2146.6	2211.6	2276.1	2339.9	2409.3	2474.8	2530.0	2549.0	2564.4	2570.5
-30°	2011.1	2092.2	2158.6	2217.6	2290.5	2361.2	2428.9	2477.0	2505.6	2523.2	2532.8
-32.5°	1949.6	2031.6	2101.2	2162.8	2232.2	2302.8	2366.5	2417.2	2456.8	2477.0	2487.3
-35°	1883.0	1966.6	2039.5	2104.4	2169.7	2237.1	2303.1	2356.1	2401.2	2418.6	2431.5
-37.5°	1802.6	1894.9	1969.7	2036.6	2098.6	2161.9	2230.6	2291.3	2335.0	2351.9	2365.5
-40°	1720.2	1809.4	1884.8	1956.2	2017.5	2086.7	2152.8	2216.4	2254.3	2274.0	2289.4
-42.5°	1633.2	1713.8	1785.5	1854.8	1923.1	1994.3	2060.4	2126.5	2159.3	2183.1	2201.9
-45°	1532.8	1607.8	1677.4	1742.3	1812.7	1882.7	1948.9	2007.3	2046.4	2077.3	2101.3
-47.5°	1398.9	1490.2	1560.2	1621.9	1691.7	1759.2	1823.3	1878.2	1921.1	1957.2	1985.2
-50°	1262.9	1350.5	1429.4	1498.8	1563.6	1626.0	1687.0	1740.7	1786.1	1825.3	1853.6
-52.5°	1129.0	1211.1	1289.4	1361.0	1423.3	1482.2	1538.1	1592.1	1639.9	1681.8	1709.1
-55°	977.7	1062.7	1140.1	1206.9	1269.1	1327.4	1382.5	1433.8	1480.9	1523.5	1549.8
-57.5°	835.8	910.3	982.4	1044.0	1102.7	1158.2	1210.5	1259.6	1304.9	1345.0	1370.3
-60°	705.3	759.6	821.6	878.6	930.6	977.8	1026.6	1072.4	1114.0	1149.3	1172.9
-62.5°	589.9	635.0	679.8	723.0	765.3	807.7	848.5	886.5	921.2	950.2	970.8
-65°	487.2	523.4	555.8	586.4	615.7	649.1	680.2	709.4	736.4	758.6	774.3
-67.5°	401.2	426.6	449.0	470.0	493.1	516.7	538.9	558.2	574.7	587.9	598.3
-70°	323.5	342.2	359.1	375.9	392.7	408.1	422.7	436.9	450.4	461.4	469.7
-72.5°	253.4	266.2	277.7	290.6	302.7	314.3	324.5	332.7	339.0	345.2	350.6
-75°	193.1	202.7	215.7	226.7	235.7	243.7	251.1	257.6	263.3	268.4	272.9
-77.5°	155.3	163.5	171.7	179.8	187.5	193.2	198.6	203.9	209.1	213.6	217.6
-80°	115.2	121.2	127.6	134.0	140.4	143.6	146.1	148.5	150.6	153.2	155.7
-82.5°	70.4	73.9	77.4	81.0	84.6	85.5	85.8	85.7	85.2	84.2	82.7
-85°	31.3	31.5	31.4	31.1	30.5	29.2	27.7	25.9	24.0	23.6	23.3
-87.5°	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.0	6.0	6.2	6.4
-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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.7
62.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	1.0	1.1
60°	2.0	1.3	1.1	1.1	1.1	1.3	2.0	2.6	2.9	3.2	3.1
57.5°	12.4	9.2	7.9	7.3	7.9	9.2	12.4	14.6	15.8	48.0	58.3
55°	302.9	318.3	329.8	335.2	329.8	318.3	302.9	276.3	239.2	224.5	229.0
52.5°	420.6	427.4	431.2	431.1	431.2	427.4	420.6	413.4	405.2	391.4	378.5
50°	468.8	472.1	473.2	472.5	473.2	472.1	468.8	463.8	460.8	454.5	431.5
47.5°	692.5	632.6	588.5	577.9	588.5	632.6	692.5	719.6	689.9	629.5	561.0
45°	986.3	1009.0	1031.6	1038.7	1031.6	1009.0	986.3	975.9	954.4	928.1	900.9
42.5°	1088.0	1095.4	1099.6	1099.8	1099.6	1095.4	1088.0	1078.3	1055.5	1026.9	991.6
40°	1136.6	1143.6	1147.6	1148.0	1147.6	1143.6	1136.6	1127.0	1109.8	1084.7	1052.4
37.5°	1180.7	1186.7	1190.6	1194.5	1190.6	1186.7	1180.7	1177.9	1175.6	1150.0	1130.8
35°	1380.0	1334.8	1269.9	1279.7	1269.9	1334.8	1380.0	1385.2	1346.6	1274.8	1309.3
32.5°	1722.6	1741.6	1753.4	1773.6	1753.4	1741.6	1722.6	1705.1	1716.3	1677.1	1592.6
30°	1880.7	1887.0	1896.5	1906.4	1896.5	1887.0	1880.7	1875.7	1872.5	1826.8	1775.8
27.5°	1920.1	1926.6	1932.4	1936.7	1932.4	1926.6	1920.1	1916.4	1909.5	1880.7	1837.3
25°	1940.8	1944.8	1950.9	1956.3	1950.9	1944.8	1940.8	1940.0	1934.3	1916.7	1881.8
22.5°	1951.0	1951.5	1956.2	1963.0	1956.2	1951.5	1951.0	1952.6	1949.8	1942.1	1904.2
20°	1958.1	1954.2	1959.2	1963.6	1959.2	1954.2	1958.1	1960.6	1959.8	1960.0	1928.4
17.5°	2047.7	1996.6	1975.6	1975.9	1975.6	1996.6	2047.7	1996.7	2032.8	2049.5	2041.1
15°	2336.8	2356.0	2429.5	2469.2	2429.5	2356.0	2336.8	2391.8	2342.8	2354.2	2310.6
12.5°	2523.3	2516.5	2507.8	2519.7	2507.8	2516.5	2523.3	2525.1	2534.7	2539.9	2526.8
10°	2532.0	2531.2	2515.6	2532.6	2515.6	2531.2	2532.0	2537.2	2549.5	2558.2	2543.2
7.5°	2526.7	2527.1	2520.5	2537.0	2520.5	2527.1	2526.7	2540.5	2548.9	2554.0	2538.7
5°	2530.2	2518.8	2523.1	2532.6	2523.1	2518.8	2530.2	2531.5	2539.7	2545.8	2536.8
2.5°	2520.4	2519.2	2510.8	2517.4	2510.8	2519.2	2520.4	2525.6	2530.4	2533.1	2533.2
0°	2512.9	2506.8	2506.8	2512.4	2506.8	2506.8	2512.9	2522.5	2530.9	2538.2	2541.0
-2.5°	2526.2	2524.9	2524.1	2520.2	2524.1	2524.9	2526.2	2530.5	2534.6	2538.2	2539.5
-5°	2537.1	2533.8	2524.6	2537.0	2524.6	2533.8	2537.1	2541.7	2548.8	2553.8	2552.3
-7.5°	2548.8	2540.3	2531.6	2551.1	2531.6	2540.3	2548.8	2552.5	2560.9	2567.5	2566.9
-10°	2559.5	2547.2	2538.7	2557.8	2538.7	2547.2	2559.5	2568.1	2575.3	2581.6	2582.8
-12.5°	2573.7	2559.3	2553.6	2564.0	2553.6	2559.3	2573.7	2583.6	2591.4	2596.1	2594.3
-15°	2588.8	2578.8	2577.5	2583.6	2577.5	2578.8	2588.8	2599.2	2605.3	2609.2	2602.2
-17.5°	2602.0	2595.0	2598.5	2605.4	2598.5	2595.0	2602.0	2610.5	2615.6	2617.1	2607.7
-20°	2608.4	2604.5	2608.4	2625.6	2608.4	2604.5	2608.4	2613.7	2617.2	2616.3	2602.6



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2607.8	2608.1	2614.9	2620.6	2614.9	2608.1	2607.8	2610.8	2610.5	2606.2	2583.1
-25°	2597.9	2603.1	2611.0	2622.3	2611.0	2603.1	2597.9	2597.6	2594.1	2583.0	2559.6
-27.5°	2573.9	2582.6	2590.8	2602.6	2590.8	2582.6	2573.9	2570.5	2564.4	2549.0	2530.0
-30°	2539.1	2549.5	2556.8	2569.6	2556.8	2549.5	2539.1	2532.8	2523.2	2505.6	2477.0
-32.5°	2496.9	2508.7	2517.4	2526.4	2517.4	2508.7	2496.9	2487.3	2477.0	2456.8	2417.2
-35°	2444.2	2456.8	2466.0	2474.3	2466.0	2456.8	2444.2	2431.5	2418.6	2401.2	2356.1
-37.5°	2380.7	2394.3	2404.8	2414.3	2404.8	2394.3	2380.7	2365.5	2351.9	2335.0	2291.3
-40°	2306.8	2320.8	2332.0	2342.5	2332.0	2320.8	2306.8	2289.4	2274.0	2254.3	2216.4
-42.5°	2220.5	2234.6	2246.2	2256.8	2246.2	2234.6	2220.5	2201.9	2183.1	2159.3	2126.5
-45°	2120.7	2135.2	2147.4	2158.7	2147.4	2135.2	2120.7	2101.3	2077.3	2046.4	2007.3
-47.5°	2005.8	2021.3	2031.8	2037.0	2031.8	2021.3	2005.8	1985.2	1957.2	1921.1	1878.2
-50°	1874.1	1889.6	1902.2	1911.5	1902.2	1889.6	1874.1	1853.6	1825.3	1786.1	1740.7
-52.5°	1729.1	1743.9	1754.7	1761.2	1754.7	1743.9	1729.1	1709.1	1681.8	1639.9	1592.1
-55°	1570.4	1585.9	1596.1	1600.9	1596.1	1585.9	1570.4	1549.8	1523.5	1480.9	1433.8
-57.5°	1390.4	1405.1	1416.0	1422.1	1416.0	1405.1	1390.4	1370.3	1345.0	1304.9	1259.6
-60°	1191.2	1204.3	1212.6	1215.8	1212.6	1204.3	1191.2	1172.9	1149.3	1114.0	1072.4
-62.5°	987.5	999.9	1007.7	1010.7	1007.7	999.9	987.5	970.8	950.2	921.2	886.5
-65°	786.1	793.8	798.2	798.8	798.2	793.8	786.1	774.3	758.6	736.4	709.4
-67.5°	606.5	612.4	616.0	617.2	616.0	612.4	606.5	598.3	587.9	574.7	558.2
-70°	475.9	480.0	482.2	482.6	482.2	480.0	475.9	469.7	461.4	450.4	436.9
-72.5°	354.8	357.7	356.7	354.3	356.7	357.7	354.8	350.6	345.2	339.0	332.7
-75°	276.8	280.0	278.7	276.4	278.7	280.0	276.8	272.9	268.4	263.3	257.6
-77.5°	221.1	224.0	222.6	220.3	222.6	224.0	221.1	217.6	213.6	209.1	203.9
-80°	157.9	159.6	160.8	161.4	160.8	159.6	157.9	155.7	153.2	150.6	148.5
-82.5°	80.8	78.4	76.9	75.1	76.9	78.4	80.8	82.7	84.2	85.2	85.7
-85°	22.8	22.3	22.7	23.0	22.7	22.3	22.8	23.3	23.6	24.0	25.9
-87.5°	6.5	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.2	6.0	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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
65°	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
62.5°	1.1	1.2	1.2	1.2	1.3	1.6	1.4	1.4	1.3	1.6	2.2
60°	2.7	2.1	3.2	3.5	3.0	5.2	8.8	7.9	2.3	12.7	14.6
57.5°	37.1	30.8	64.5	64.3	26.9	36.4	48.7	32.1	21.0	35.9	47.5
55°	258.7	236.9	206.0	202.7	213.4	162.1	135.5	130.4	102.1	66.4	78.8
52.5°	364.6	342.9	321.8	302.2	286.1	268.9	243.5	216.1	207.4	167.0	128.8
50°	412.6	433.7	412.9	362.1	371.2	346.7	311.0	281.8	287.8	263.1	212.1
47.5°	559.5	585.3	585.9	555.6	521.9	511.5	459.2	368.2	374.3	373.3	319.3
45°	819.2	783.3	796.7	754.1	694.6	661.6	659.9	562.6	472.5	457.9	452.7
42.5°	961.5	934.9	907.4	875.7	823.0	770.5	738.1	683.3	610.9	546.8	524.1
40°	1019.1	988.1	962.4	936.1	893.7	839.9	813.8	741.9	687.5	632.0	613.5
37.5°	1088.7	1029.8	1052.8	1003.1	963.7	950.6	930.3	855.5	734.8	724.7	715.4
35°	1243.9	1188.9	1241.9	1232.5	1075.8	1093.2	1106.6	1014.7	888.4	819.9	821.4
32.5°	1598.2	1471.4	1432.7	1480.1	1397.7	1261.0	1263.0	1235.0	1062.5	962.8	919.2
30°	1726.5	1670.2	1609.2	1600.9	1539.6	1460.5	1410.3	1343.0	1217.4	1103.6	1028.9
27.5°	1781.8	1730.7	1679.4	1639.7	1604.2	1550.6	1485.0	1406.0	1316.6	1214.7	1142.1
25°	1821.3	1764.1	1719.8	1676.0	1637.8	1597.2	1530.2	1453.3	1369.9	1287.7	1209.7
22.5°	1853.0	1799.7	1752.0	1705.0	1673.9	1630.2	1570.1	1490.6	1434.6	1382.4	1281.0
20°	1887.7	1836.3	1782.7	1784.9	1739.3	1666.2	1608.4	1568.9	1561.2	1502.4	1371.5
17.5°	2038.4	1897.1	1923.4	1973.2	1872.6	1740.1	1719.4	1721.6	1697.4	1642.7	1479.9
15°	2361.2	2157.1	2158.9	2193.2	2084.2	1921.4	1883.8	1879.2	1841.0	1780.6	1594.4
12.5°	2462.9	2394.7	2382.2	2331.1	2224.1	2102.4	2057.9	2033.8	1963.6	1846.7	1676.8
10°	2497.3	2457.7	2405.2	2353.8	2288.8	2239.9	2176.5	2088.8	1989.3	1876.5	1738.2
7.5°	2501.4	2460.3	2418.0	2369.0	2312.0	2254.6	2192.0	2104.8	2008.6	1897.9	1781.4
5°	2499.0	2458.1	2418.9	2372.0	2314.2	2258.5	2201.8	2115.6	2021.6	1911.9	1809.8
2.5°	2492.8	2451.5	2414.2	2371.6	2314.0	2260.4	2207.8	2127.2	2030.9	1923.4	1819.3
0°	2501.7	2460.8	2425.5	2377.9	2325.7	2263.5	2210.8	2139.1	2035.4	1931.1	1822.9
-2.5°	2505.5	2463.3	2430.9	2377.2	2334.0	2270.5	2217.1	2147.8	2043.9	1944.6	1831.5
-5°	2525.8	2483.8	2441.4	2387.6	2342.2	2282.8	2222.7	2151.4	2050.2	1951.9	1835.5
-7.5°	2539.1	2496.4	2447.2	2395.0	2349.4	2292.7	2226.2	2151.7	2056.0	1951.8	1837.3
-10°	2547.4	2502.8	2454.3	2400.8	2353.6	2295.3	2225.0	2149.8	2054.9	1947.3	1833.2
-12.5°	2559.1	2508.9	2459.0	2398.2	2350.9	2291.0	2220.8	2145.5	2046.1	1938.8	1822.7
-15°	2563.4	2511.9	2453.5	2394.0	2342.3	2284.0	2211.6	2132.8	2030.7	1925.6	1805.6
-17.5°	2565.2	2506.6	2444.4	2387.3	2331.6	2269.8	2193.3	2109.6	2011.0	1902.4	1783.0
-20°	2563.9	2495.7	2431.5	2369.3	2311.0	2248.2	2169.3	2086.4	1982.8	1872.4	1753.7



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2537.7	2475.9	2410.9	2343.5	2286.2	2219.6	2142.4	2056.6	1946.2	1839.4	1716.4
-25°	2508.9	2446.5	2379.4	2316.7	2255.6	2189.5	2110.1	2012.8	1907.9	1796.8	1671.2
-27.5°	2474.8	2409.3	2339.9	2276.1	2211.6	2146.6	2064.5	1966.5	1865.5	1744.0	1622.1
-30°	2428.9	2361.2	2290.5	2217.6	2158.6	2092.2	2011.1	1915.8	1807.4	1687.5	1571.4
-32.5°	2366.5	2302.8	2232.2	2162.8	2101.2	2031.6	1949.6	1855.1	1741.3	1627.9	1507.1
-35°	2303.1	2237.1	2169.7	2104.4	2039.5	1966.6	1883.0	1780.1	1671.3	1559.0	1433.7
-37.5°	2230.6	2161.9	2098.6	2036.6	1969.7	1894.9	1802.6	1703.2	1597.2	1473.6	1354.4
-40°	2152.8	2086.7	2017.5	1956.2	1884.8	1809.4	1720.2	1623.6	1507.0	1384.9	1272.8
-42.5°	2060.4	1994.3	1923.1	1854.8	1785.5	1713.8	1633.2	1528.7	1413.1	1297.9	1181.5
-45°	1948.9	1882.7	1812.7	1742.3	1677.4	1607.8	1532.8	1421.3	1307.2	1197.5	1085.8
-47.5°	1823.3	1759.2	1691.7	1621.9	1560.2	1490.2	1398.9	1295.2	1194.2	1089.8	975.4
-50°	1687.0	1626.0	1563.6	1498.8	1429.4	1350.5	1262.9	1172.5	1072.4	965.2	860.7
-52.5°	1538.1	1482.2	1423.3	1361.0	1289.4	1211.1	1129.0	1033.0	933.2	842.2	747.1
-55°	1382.5	1327.4	1269.1	1206.9	1140.1	1062.7	977.7	890.3	808.9	724.7	652.2
-57.5°	1210.5	1158.2	1102.7	1044.0	982.4	910.3	835.8	761.6	697.1	631.7	565.9
-60°	1026.6	977.8	930.6	878.6	821.6	759.6	705.3	650.6	595.8	543.6	490.6
-62.5°	848.5	807.7	765.3	723.0	679.8	635.0	589.9	547.7	504.5	460.3	421.3
-65°	680.2	649.1	615.7	586.4	555.8	523.4	487.2	454.1	422.7	390.2	357.1
-67.5°	538.9	516.7	493.1	470.0	449.0	426.6	401.2	374.4	349.5	325.5	301.1
-70°	422.7	408.1	392.7	375.9	359.1	342.2	323.5	303.8	283.8	265.8	248.6
-72.5°	324.5	314.3	302.7	290.6	277.7	266.2	253.4	240.0	226.5	212.9	199.9
-75°	251.1	243.7	235.7	226.7	215.7	202.7	193.1	186.6	178.5	168.6	157.7
-77.5°	198.6	193.2	187.5	179.8	171.7	163.5	155.3	147.3	139.4	131.9	125.0
-80°	146.1	143.6	140.4	134.0	127.6	121.2	115.2	110.2	105.6	100.5	94.2
-82.5°	85.8	85.5	84.6	81.0	77.4	73.9	70.4	67.0	63.3	59.5	55.6
-85°	27.7	29.2	30.5	31.1	31.4	31.5	31.3	30.4	29.4	28.1	26.8
-87.5°	6.1	6.1	6.1	6.3	6.5	6.7	6.9	7.2	7.5	7.7	7.9
-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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	0.9
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.0
72.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0
70°	0.7	0.6	0.6	0.7	0.8	0.9	0.9	0.9	0.8	0.9	1.0
67.5°	0.8	0.9	0.8	0.8	0.8	0.9	1.1	1.3	1.3	0.9	1.0
65°	0.9	1.0	1.2	1.6	1.4	1.0	1.1	2.2	1.8	1.5	1.1
62.5°	1.8	1.0	3.5	4.7	2.7	2.1	1.7	4.9	3.1	2.1	1.5
60°	4.4	3.6	9.9	15.8	11.0	3.7	5.4	8.5	7.8	2.7	2.1
57.5°	41.1	14.1	20.5	29.6	29.1	15.7	11.5	15.4	13.2	7.6	3.0
55°	87.7	73.8	48.8	44.7	48.2	38.9	25.3	24.9	20.4	14.1	4.9
52.5°	120.4	125.6	109.3	76.4	66.5	63.4	49.5	36.1	32.0	21.2	12.3
50°	174.3	162.3	160.7	134.9	93.3	84.4	73.1	56.3	44.9	30.4	20.8
47.5°	246.2	216.3	200.4	188.8	148.9	107.7	95.9	77.1	59.2	43.7	29.6
45°	351.9	279.5	248.9	230.1	204.0	151.4	120.0	97.2	77.2	58.7	38.9
42.5°	457.9	361.4	304.2	273.8	246.7	200.8	145.8	120.4	94.6	74.0	50.7
40°	551.6	445.9	362.3	323.3	288.6	248.5	187.5	145.2	111.8	89.7	64.1
37.5°	664.3	542.0	429.2	375.1	333.3	288.4	229.9	171.2	132.4	106.1	77.5
35°	773.3	666.4	504.1	437.7	383.0	329.2	270.7	201.8	157.7	122.8	91.0
32.5°	890.4	783.5	617.1	507.7	434.5	371.0	308.8	239.1	183.2	139.7	104.3
30°	982.6	860.6	716.4	577.7	490.5	417.6	346.9	274.8	208.7	156.8	117.8
27.5°	1031.5	927.2	794.7	655.7	553.5	465.4	386.1	309.0	234.2	175.6	131.9
25°	1082.0	974.2	850.7	723.9	615.7	516.0	425.2	341.6	262.0	196.8	145.8
22.5°	1142.5	1014.1	897.9	777.9	679.9	567.3	466.2	374.6	289.8	217.5	159.5
20°	1203.2	1051.2	944.4	851.5	742.9	622.7	509.0	406.7	316.1	237.7	172.8
17.5°	1267.0	1118.6	1023.5	923.2	805.7	676.5	551.2	437.9	340.7	257.3	185.8
15°	1377.8	1219.4	1103.1	993.1	868.2	728.2	592.4	467.8	363.6	276.1	197.9
12.5°	1478.5	1313.2	1182.8	1060.6	929.6	777.5	632.1	496.3	384.9	291.1	208.7
10°	1561.8	1400.2	1261.6	1125.4	989.3	824.1	670.0	519.5	397.7	302.3	218.7
7.5°	1630.1	1480.7	1338.4	1187.1	1040.5	854.5	689.1	533.1	407.5	311.8	227.7
5°	1679.4	1534.3	1379.3	1208.6	1056.5	867.0	702.1	544.1	415.5	319.8	235.9
2.5°	1693.6	1550.8	1394.6	1220.4	1067.4	875.1	711.3	552.5	421.7	326.2	243.1
0°	1701.8	1561.7	1404.2	1227.6	1072.9	878.9	716.9	558.3	426.0	331.3	249.4
-2.5°	1713.4	1571.0	1413.5	1246.2	1076.6	890.7	720.1	562.1	431.5	333.1	253.1
-5°	1719.1	1574.7	1417.9	1258.7	1075.6	897.7	719.7	563.3	435.1	333.7	255.8
-7.5°	1716.6	1573.4	1418.1	1262.6	1070.7	899.3	715.8	562.0	436.5	333.3	257.5
-10°	1708.8	1567.1	1412.6	1252.5	1066.2	893.0	708.8	558.5	435.6	331.8	258.1
-12.5°	1697.1	1555.2	1401.6	1237.9	1056.9	879.8	700.6	552.3	432.1	329.5	257.7
-15°	1681.8	1537.8	1384.8	1219.4	1041.5	862.4	688.3	543.4	425.3	326.9	256.2
-17.5°	1662.2	1515.2	1362.1	1197.4	1019.9	840.8	671.7	531.9	416.7	323.7	253.1
-20°	1627.3	1484.8	1333.4	1172.4	991.8	815.2	650.9	517.6	406.5	319.2	248.7



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1587.9	1447.2	1297.4	1138.7	958.0	785.8	625.6	500.6	394.8	313.3	243.4
-25°	1546.0	1404.9	1255.7	1092.0	920.7	754.7	600.3	481.0	381.5	306.1	237.2
-27.5°	1496.8	1356.9	1208.4	1040.6	877.4	718.7	576.1	463.6	368.7	297.4	230.2
-30°	1441.4	1300.5	1149.3	985.7	829.8	676.9	548.9	445.1	357.9	287.9	222.4
-32.5°	1378.0	1238.3	1083.9	929.6	779.6	632.7	518.9	425.2	345.3	277.8	215.2
-35°	1305.8	1166.1	1014.5	869.3	726.4	596.9	489.6	404.2	331.1	266.9	207.7
-37.5°	1230.6	1088.5	945.1	806.4	669.9	558.1	463.2	383.4	315.3	255.3	199.3
-40°	1144.7	1008.7	872.3	741.6	620.9	516.5	434.7	362.8	300.3	242.9	190.1
-42.5°	1056.3	924.9	796.4	673.0	572.5	482.7	404.8	340.7	284.4	230.9	180.2
-45°	960.9	836.5	715.6	615.1	523.3	446.9	378.6	317.8	267.5	218.6	169.9
-47.5°	860.2	743.3	642.2	554.8	481.6	410.8	350.8	297.9	249.8	205.5	159.6
-50°	753.6	656.5	574.6	502.5	436.5	378.4	323.1	277.2	233.5	191.0	148.8
-52.5°	659.2	581.3	513.6	451.8	396.8	344.3	299.2	255.9	216.8	177.1	137.5
-55°	578.2	514.4	457.2	405.9	357.5	315.1	274.4	237.0	199.6	163.1	126.1
-57.5°	508.4	452.6	406.8	362.2	322.2	286.1	251.8	217.7	183.1	148.7	117.1
-60°	441.2	399.6	358.8	323.0	289.1	258.5	230.4	198.3	166.4	134.3	107.0
-62.5°	383.2	347.7	316.9	285.6	257.5	232.5	208.9	179.4	149.3	121.0	96.1
-65°	328.9	301.6	275.3	250.4	227.1	205.9	186.8	160.1	132.1	106.8	84.8
-67.5°	277.3	256.7	236.1	215.2	196.8	179.6	163.3	139.2	114.2	91.9	73.6
-70°	231.1	213.6	197.4	181.9	167.0	152.7	137.3	116.9	95.4	78.6	62.1
-72.5°	187.6	174.8	161.3	148.6	137.6	125.0	110.9	95.0	79.9	65.0	50.3
-75°	147.3	138.9	129.4	119.2	109.0	97.8	88.4	77.3	64.2	51.2	40.5
-77.5°	117.9	109.6	100.1	92.1	85.2	77.5	69.0	59.4	48.9	39.8	31.3
-80°	87.0	80.6	75.3	70.6	64.3	57.3	50.2	43.2	35.6	28.5	21.9
-82.5°	53.1	51.7	50.2	48.0	42.7	37.5	32.4	27.4	22.0	17.0	14.1
-85°	26.5	26.0	25.2	24.0	20.8	17.6	16.2	14.7	12.8	11.1	9.4
-87.5°	8.7	9.4	9.9	10.3	9.5	8.8	8.1	7.3	6.4	5.6	4.7
-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: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-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°	0.3	0.2	0.2	0.1	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.2	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.3	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.4	0.0
72.5°	1.1	1.2	1.2	1.0	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.1	0.8	0.5	0.0
67.5°	1.3	1.3	1.3	1.2	0.9	0.5	0.0
65°	1.5	1.5	1.3	1.2	1.0	0.6	0.0
62.5°	1.7	1.8	1.4	1.3	1.1	0.7	0.0
60°	2.1	2.2	1.5	1.4	1.2	0.7	0.0
57.5°	3.8	2.7	1.9	1.4	1.2	0.8	0.0
55°	6.1	3.2	2.4	1.5	1.3	0.8	0.0
52.5°	8.8	4.1	2.9	1.5	1.4	0.9	0.0
50°	11.8	7.0	3.4	1.6	1.4	0.9	0.0
47.5°	15.9	10.1	3.9	1.8	1.5	1.0	0.0
45°	24.0	13.4	4.5	2.2	1.6	1.1	0.0
42.5°	32.3	16.9	5.1	2.6	1.7	1.1	0.0
40°	40.7	20.6	6.8	3.2	1.7	1.2	0.0
37.5°	49.4	24.6	9.7	3.8	1.8	1.2	0.0
35°	58.1	30.5	12.7	4.6	1.9	1.3	0.0
32.5°	67.6	37.4	15.7	5.4	1.9	1.3	0.0
30°	78.5	44.3	18.7	6.3	2.0	1.3	0.0
27.5°	89.2	51.1	22.5	7.2	2.1	1.4	0.0
25°	99.6	57.7	26.3	8.2	2.2	1.4	0.0
22.5°	109.7	64.5	30.1	9.3	2.2	1.5	0.0
20°	119.4	71.8	33.9	10.4	2.3	1.5	0.0
17.5°	129.0	78.9	37.6	11.4	2.4	1.5	0.0
15°	138.3	85.7	41.3	12.5	2.4	1.6	0.0
12.5°	147.0	92.2	44.8	13.6	2.5	1.6	0.0
10°	155.0	98.3	48.1	14.7	2.6	1.6	0.0
7.5°	162.4	104.0	51.3	15.7	2.6	1.6	0.0
5°	169.2	109.3	54.3	16.7	2.7	1.7	0.0
2.5°	175.2	114.0	57.0	17.6	2.7	1.7	0.0
0°	180.5	118.3	59.4	18.5	2.8	1.7	0.0
-2.5°	183.1	121.0	61.7	19.7	3.2	1.8	0.0
-5°	185.1	123.1	63.6	20.8	3.7	1.9	0.0
-7.5°	186.3	124.7	65.2	21.8	4.1	2.0	0.0
-10°	186.9	125.6	66.4	22.7	4.5	2.1	0.0
-12.5°	186.8	126.0	67.2	23.4	4.9	2.1	0.0
-15°	186.0	125.8	67.5	24.0	5.2	2.2	0.0
-17.5°	184.7	125.1	67.5	24.4	5.6	2.3	0.0
-20°	182.6	123.8	67.0	24.6	5.9	2.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645359 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	179.5	121.9	66.1	24.7	6.2	2.4	0.0
-25°	175.7	118.9	64.7	24.6	6.4	2.4	0.0
-27.5°	171.3	115.3	62.8	24.3	6.6	2.4	0.0
-30°	166.1	111.1	60.4	23.8	6.8	2.4	0.0
-32.5°	160.3	106.5	57.7	23.1	6.9	2.5	0.0
-35°	153.9	101.4	54.6	22.2	7.0	2.4	0.0
-37.5°	147.1	96.2	51.3	21.1	7.1	2.4	0.0
-40°	139.8	91.5	47.6	19.8	7.1	2.4	0.0
-42.5°	131.9	86.5	44.8	18.4	7.1	2.4	0.0
-45°	123.6	81.2	42.9	16.9	7.0	2.3	0.0
-47.5°	114.8	75.6	40.7	15.3	6.9	2.3	0.0
-50°	107.4	69.7	38.1	14.7	6.7	2.2	0.0
-52.5°	100.0	63.4	35.2	14.4	6.5	2.1	0.0
-55°	92.4	58.7	32.0	14.0	6.2	2.0	0.0
-57.5°	84.4	54.0	28.5	13.4	5.9	1.9	0.0
-60°	76.4	48.7	24.7	12.6	5.6	1.8	0.0
-62.5°	69.0	43.1	23.0	11.7	5.3	1.7	0.0
-65°	61.1	37.1	21.0	10.7	4.9	1.6	0.0
-67.5°	52.7	32.1	18.8	9.6	4.5	1.4	0.0
-70°	43.8	28.1	16.3	8.3	4.1	1.3	0.0
-72.5°	37.1	23.7	13.7	7.3	3.6	1.2	0.0
-75°	30.3	19.2	10.9	6.4	3.1	1.0	0.0
-77.5°	23.2	14.4	9.0	5.4	2.6	0.8	0.0
-80°	15.8	11.0	7.3	4.3	2.1	0.7	0.0
-82.5°	11.6	8.3	5.5	3.3	1.6	0.5	0.0
-85°	7.8	5.5	3.7	2.2	1.1	0.3	0.0
-87.5°	3.9	2.8	1.8	1.1	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)