

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: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645330 (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-SA1C-750-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQUARE, LAMBERTIAN
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

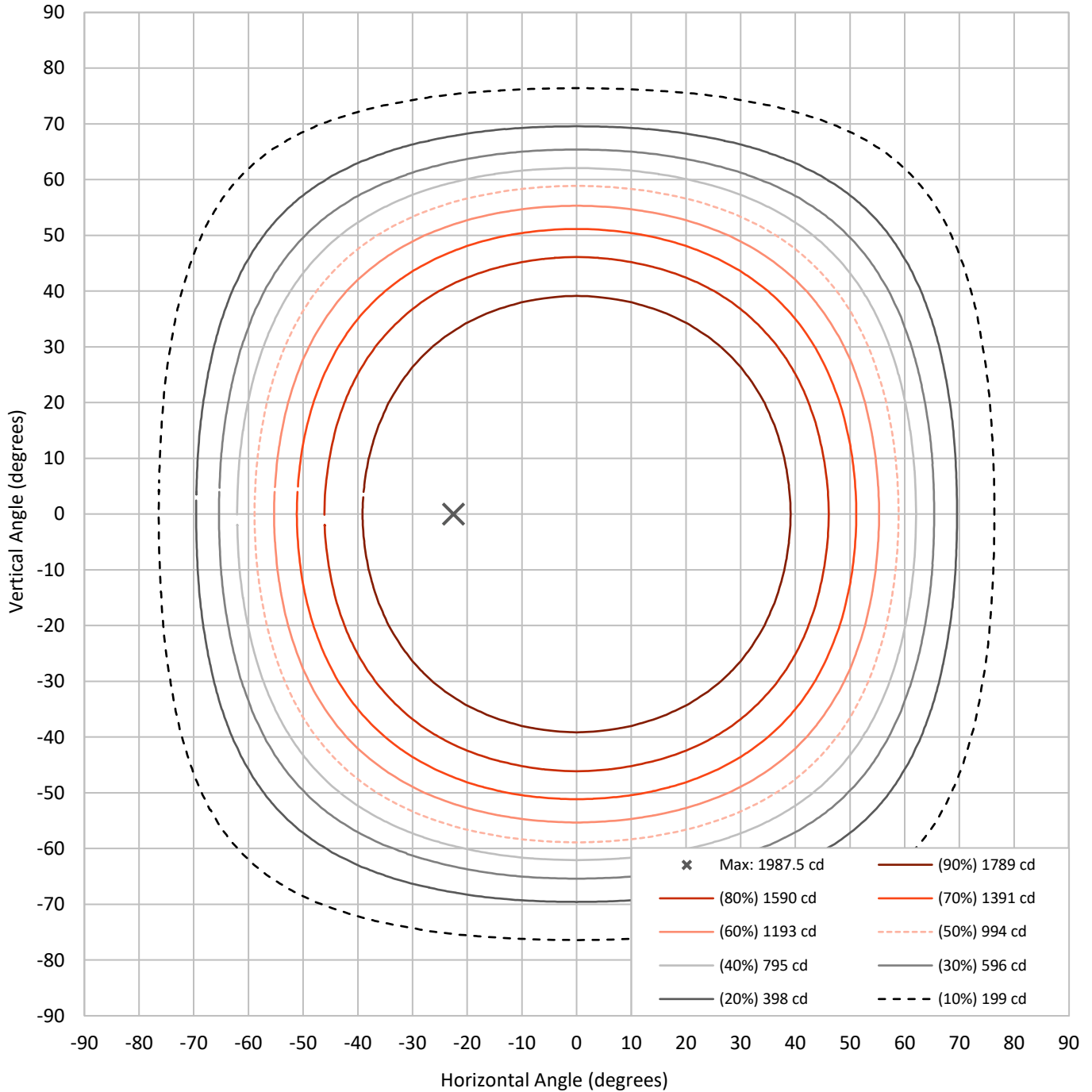
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6079.8 lumens	Max Intensity:	1987.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	139.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	5059.7 lumens	Field Lumens:	5960.3 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (A _{in}):	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		



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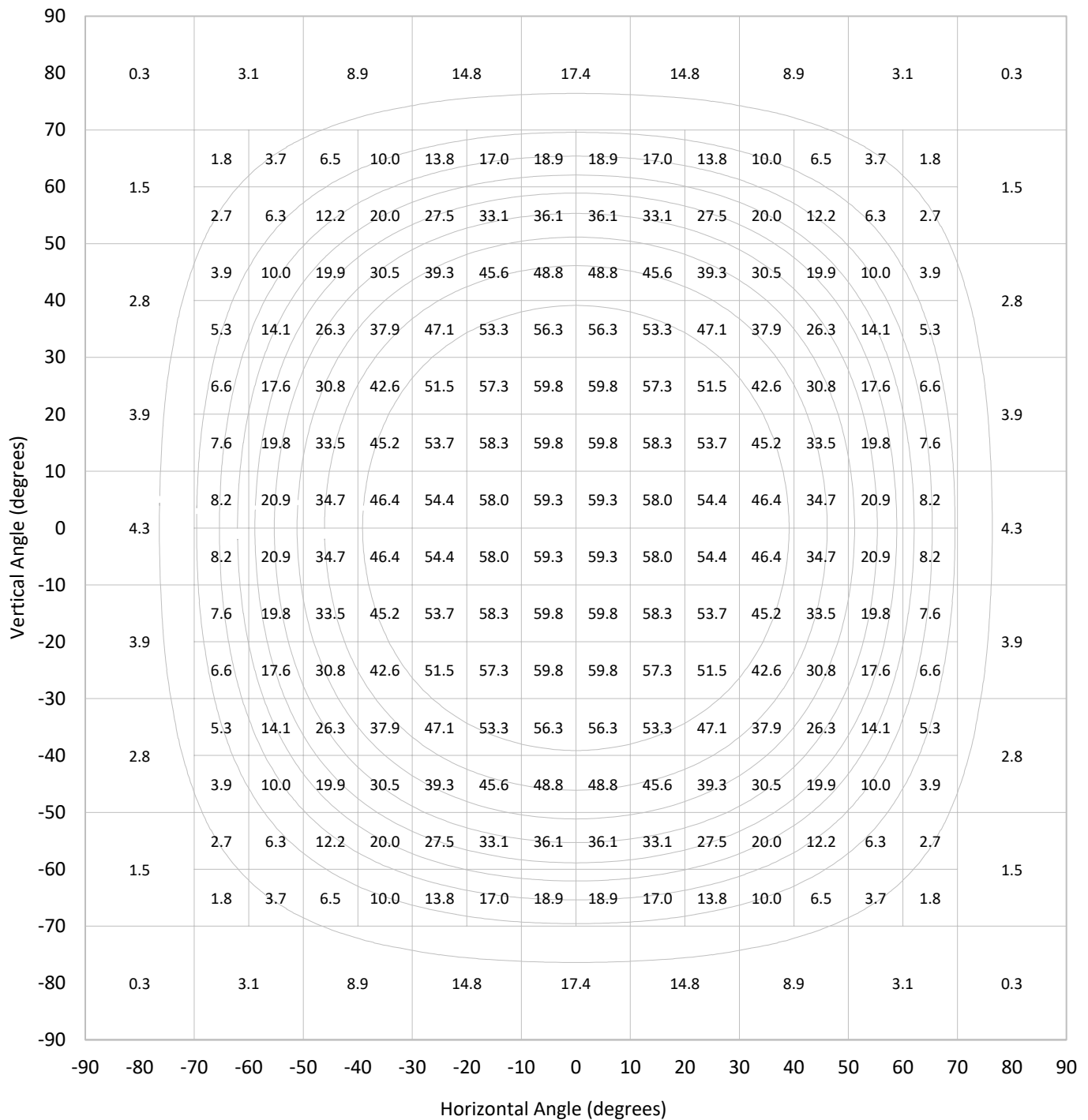
Iso-Candela Plot





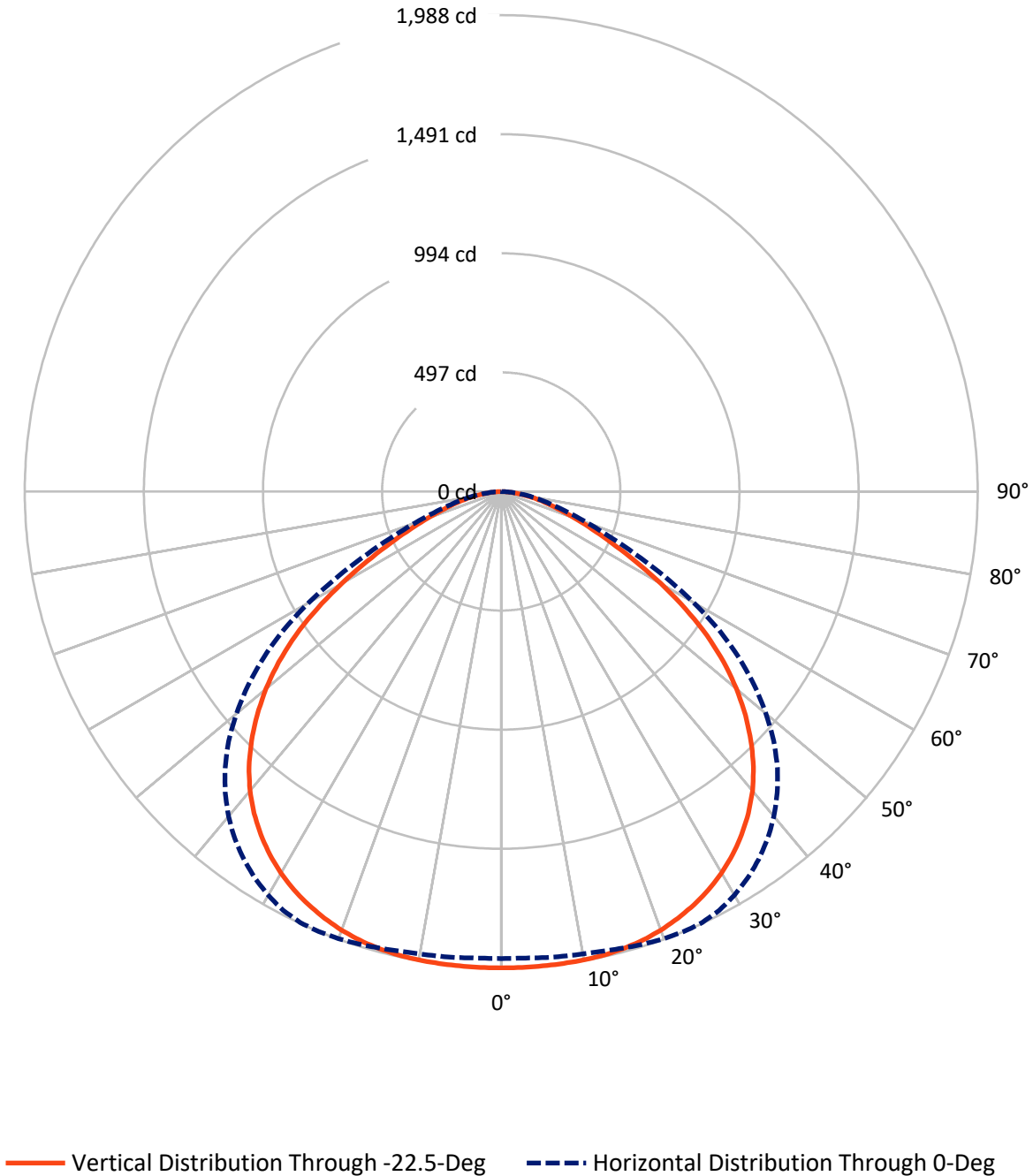
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Lumen Table



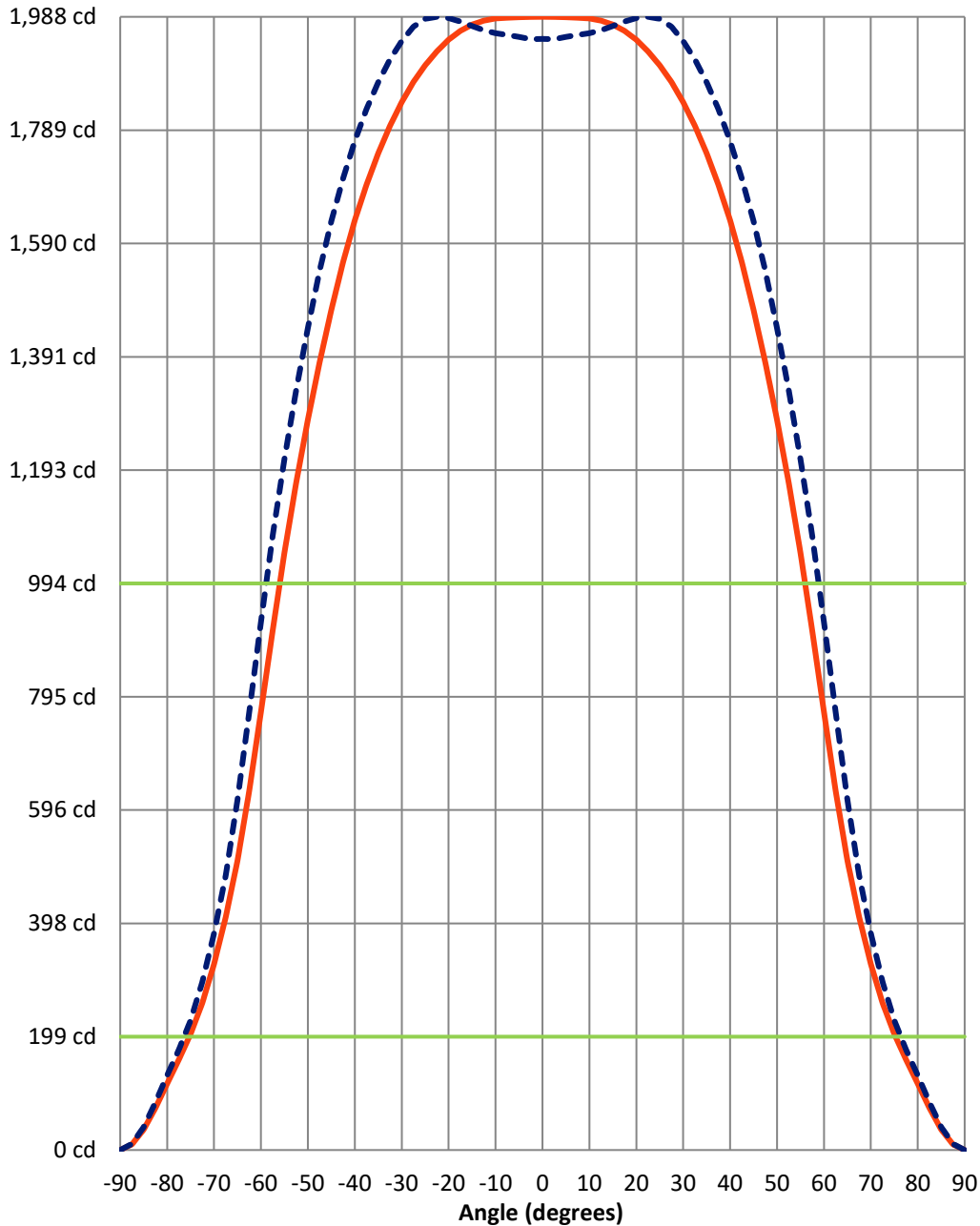
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 5059.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 5960.3
 Efficiency: 98.0%

Spill:
 Lumens: 119.6
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.7	4.2	4.6
85°	0.0	0.9	1.9	2.8	3.8	4.7	5.6	6.5	7.4	8.3	9.2
82.5°	0.0	1.4	2.8	4.3	5.7	7.1	8.4	9.8	11.6	15.2	18.7
80°	0.0	1.9	3.8	5.7	7.5	9.4	11.8	16.7	21.6	26.4	31.1
77.5°	0.0	2.4	4.7	7.1	9.4	13.1	19.3	25.4	31.5	37.5	44.7
75°	0.0	2.8	5.6	8.4	11.8	19.3	26.7	34.1	41.8	52.2	62.5
72.5°	0.0	3.3	6.5	9.8	16.7	25.4	34.1	43.6	56.0	68.1	80.1
70°	0.0	3.7	7.4	11.6	21.6	31.5	41.8	56.0	70.0	83.9	98.9
67.5°	0.0	4.2	8.3	15.2	26.4	37.5	52.2	68.1	83.9	101.0	117.8
65°	0.0	4.6	9.2	18.7	31.1	44.7	62.5	80.1	98.9	117.8	136.1
62.5°	0.0	5.0	10.1	22.2	35.7	53.1	72.5	92.6	113.6	134.1	153.6
60°	0.0	5.4	10.9	25.6	40.2	61.3	82.4	105.3	128.0	149.5	170.7
57.5°	0.0	5.9	13.1	28.9	46.5	69.3	92.9	117.6	141.6	164.6	188.9
55°	0.0	6.3	15.2	32.1	52.7	77.1	103.2	129.6	154.6	179.8	207.5
52.5°	0.0	6.6	17.3	35.2	58.8	84.9	113.2	140.8	167.4	196.1	225.6
50°	0.0	7.0	19.3	38.2	64.7	92.9	122.9	151.6	180.2	211.9	248.1
47.5°	0.0	7.4	21.2	41.4	70.3	100.7	132.2	162.0	193.8	227.2	270.4
45°	0.0	7.7	23.1	45.5	75.8	108.2	140.8	172.1	206.8	246.4	291.9
42.5°	0.0	8.0	24.9	49.4	81.0	115.4	149.0	182.5	219.4	264.9	317.2
40°	0.0	8.3	26.6	53.1	86.2	122.3	156.9	192.9	232.6	282.7	342.3
37.5°	0.0	8.6	28.2	56.7	91.4	128.8	164.3	202.9	247.6	300.8	366.1
35°	0.0	8.9	29.7	60.0	96.3	134.7	171.4	212.3	261.7	321.1	390.5
32.5°	0.0	9.2	31.1	63.2	101.0	140.3	178.3	221.2	275.1	340.2	416.1
30°	0.0	9.4	32.5	66.1	105.3	145.4	185.4	230.1	287.6	358.1	440.2
27.5°	0.0	9.7	33.7	68.8	109.3	150.2	192.0	240.2	300.4	374.8	462.5
25°	0.0	9.9	34.9	71.3	113.0	154.6	198.0	249.5	313.9	392.1	483.4
22.5°	0.0	10.1	35.9	73.6	116.3	158.7	203.5	258.0	326.3	408.9	507.8
20°	0.0	10.2	36.8	75.7	119.4	162.3	208.5	265.6	337.4	424.1	529.8
17.5°	0.0	10.4	37.7	77.5	122.0	165.5	212.9	272.4	347.3	437.6	549.4
15°	0.0	10.5	38.4	79.1	124.4	168.3	216.8	278.3	355.9	449.3	566.5
12.5°	0.0	10.6	39.0	80.4	126.4	170.7	220.0	283.4	363.3	459.3	581.1
10°	0.0	10.7	39.5	81.5	128.0	172.6	222.7	287.5	369.3	467.6	593.1
7.5°	0.0	10.8	39.9	82.4	129.3	174.1	224.8	290.7	374.0	474.0	602.4
5°	0.0	10.9	40.2	83.0	130.2	175.2	226.3	293.0	377.4	478.6	609.1
2.5°	0.0	10.9	40.3	83.4	130.7	175.9	227.2	294.4	379.4	481.4	613.2
0°	0.0	10.9	40.4	83.5	130.9	176.1	227.5	294.9	380.1	482.3	614.5
-2.5°	0.0	10.9	40.3	83.4	130.7	175.9	227.2	294.4	379.4	481.4	613.2
-5°	0.0	10.9	40.2	83.0	130.2	175.2	226.3	293.0	377.4	478.6	609.1
-7.5°	0.0	10.8	39.9	82.4	129.3	174.1	224.8	290.7	374.0	474.0	602.4
-10°	0.0	10.7	39.5	81.5	128.0	172.6	222.7	287.5	369.3	467.6	593.1
-12.5°	0.0	10.6	39.0	80.4	126.4	170.7	220.0	283.4	363.3	459.3	581.1
-15°	0.0	10.5	38.4	79.1	124.4	168.3	216.8	278.3	355.9	449.3	566.5
-17.5°	0.0	10.4	37.7	77.5	122.0	165.5	212.9	272.4	347.3	437.6	549.4
-20°	0.0	10.2	36.8	75.7	119.4	162.3	208.5	265.6	337.4	424.1	529.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.1	35.9	73.6	116.3	158.7	203.5	258.0	326.3	408.9	507.8
-25°	0.0	9.9	34.9	71.3	113.0	154.6	198.0	249.5	313.9	392.1	483.4
-27.5°	0.0	9.7	33.7	68.8	109.3	150.2	192.0	240.2	300.4	374.8	462.5
-30°	0.0	9.4	32.5	66.1	105.3	145.4	185.4	230.1	287.6	358.1	440.2
-32.5°	0.0	9.2	31.1	63.2	101.0	140.3	178.3	221.2	275.1	340.2	416.1
-35°	0.0	8.9	29.7	60.0	96.3	134.7	171.4	212.3	261.7	321.1	390.5
-37.5°	0.0	8.6	28.2	56.7	91.4	128.8	164.3	202.9	247.6	300.8	366.1
-40°	0.0	8.3	26.6	53.1	86.2	122.3	156.9	192.9	232.6	282.7	342.3
-42.5°	0.0	8.0	24.9	49.4	81.0	115.4	149.0	182.5	219.4	264.9	317.2
-45°	0.0	7.7	23.1	45.5	75.8	108.2	140.8	172.1	206.8	246.4	291.9
-47.5°	0.0	7.4	21.2	41.4	70.3	100.7	132.2	162.0	193.8	227.2	270.4
-50°	0.0	7.0	19.3	38.2	64.7	92.9	122.9	151.6	180.2	211.9	248.1
-52.5°	0.0	6.6	17.3	35.2	58.8	84.9	113.2	140.8	167.4	196.1	225.6
-55°	0.0	6.3	15.2	32.1	52.7	77.1	103.2	129.6	154.6	179.8	207.5
-57.5°	0.0	5.9	13.1	28.9	46.5	69.3	92.9	117.6	141.6	164.6	188.9
-60°	0.0	5.4	10.9	25.6	40.2	61.3	82.4	105.3	128.0	149.5	170.7
-62.5°	0.0	5.0	10.1	22.2	35.7	53.1	72.5	92.6	113.6	134.1	153.6
-65°	0.0	4.6	9.2	18.7	31.1	44.7	62.5	80.1	98.9	117.8	136.1
-67.5°	0.0	4.2	8.3	15.2	26.4	37.5	52.2	68.1	83.9	101.0	117.8
-70°	0.0	3.7	7.4	11.6	21.6	31.5	41.8	56.0	70.0	83.9	98.9
-72.5°	0.0	3.3	6.5	9.8	16.7	25.4	34.1	43.6	56.0	68.1	80.1
-75°	0.0	2.8	5.6	8.4	11.8	19.3	26.7	34.1	41.8	52.2	62.5
-77.5°	0.0	2.4	4.7	7.1	9.4	13.1	19.3	25.4	31.5	37.5	44.7
-80°	0.0	1.9	3.8	5.7	7.5	9.4	11.8	16.7	21.6	26.4	31.1
-82.5°	0.0	1.4	2.8	4.3	5.7	7.1	8.4	9.8	11.6	15.2	18.7
-85°	0.0	0.9	1.9	2.8	3.8	4.7	5.6	6.5	7.4	8.3	9.2
-87.5°	0.0	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.7	4.2	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1C-750-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°	5.0	5.4	5.9	6.3	6.6	7.0	7.4	7.7	8.0	8.3	8.6
85°	10.1	10.9	13.1	15.2	17.3	19.3	21.2	23.1	24.9	26.6	28.2
82.5°	22.2	25.6	28.9	32.1	35.2	38.2	41.4	45.5	49.4	53.1	56.7
80°	35.7	40.2	46.5	52.7	58.8	64.7	70.3	75.8	81.0	86.2	91.4
77.5°	53.1	61.3	69.3	77.1	84.9	92.9	100.7	108.2	115.4	122.3	128.8
75°	72.5	82.4	92.9	103.2	113.2	122.9	132.2	140.8	149.0	156.9	164.3
72.5°	92.6	105.3	117.6	129.6	140.8	151.6	162.0	172.1	182.5	192.9	202.9
70°	113.6	128.0	141.6	154.6	167.4	180.2	193.8	206.8	219.4	232.6	247.6
67.5°	134.1	149.5	164.6	179.8	196.1	211.9	227.2	246.4	264.9	282.7	300.8
65°	153.6	170.7	188.9	207.5	225.6	248.1	270.4	291.9	317.2	342.3	366.1
62.5°	172.7	193.5	214.4	237.1	263.2	288.6	318.0	348.0	376.8	409.3	441.0
60°	193.5	216.8	243.2	272.4	302.4	337.4	371.3	408.9	446.8	483.4	528.3
57.5°	214.4	243.2	275.5	310.2	349.2	388.5	432.6	475.3	526.6	577.8	628.7
55°	237.1	272.4	310.2	353.1	397.9	446.9	498.1	557.8	615.5	679.9	741.5
52.5°	263.2	302.4	349.2	397.9	451.7	510.6	576.7	645.0	716.9	786.8	855.3
50°	288.6	337.4	388.5	446.9	510.6	583.0	659.8	739.4	817.9	894.6	966.3
47.5°	318.0	371.3	432.6	498.1	576.7	659.8	746.9	833.6	918.3	997.0	1072.3
45°	348.0	408.9	475.3	557.8	645.0	739.4	833.6	926.3	1012.4	1093.6	1164.7
42.5°	376.8	446.8	526.6	615.5	716.9	817.9	918.3	1012.4	1100.6	1178.8	1250.2
40°	409.3	483.4	577.8	679.9	786.8	894.6	997.0	1093.6	1178.8	1256.7	1328.9
37.5°	441.0	528.3	628.7	741.5	855.3	966.3	1072.3	1164.7	1250.2	1328.9	1398.3
35°	471.1	571.0	682.8	801.2	920.7	1033.6	1136.7	1230.8	1315.7	1392.2	1463.1
32.5°	504.5	611.4	734.0	858.6	980.3	1095.3	1197.4	1289.5	1373.9	1451.6	1521.9
30°	538.9	655.0	782.6	912.6	1036.3	1148.7	1250.7	1343.9	1427.7	1504.4	1573.4
27.5°	571.0	696.0	829.0	961.5	1087.5	1198.8	1299.5	1391.2	1475.5	1552.7	1619.6
25°	600.7	734.0	871.9	1006.3	1130.5	1242.1	1343.7	1435.4	1519.1	1593.2	1658.2
22.5°	630.0	768.8	911.2	1047.4	1170.0	1280.8	1381.5	1473.4	1557.2	1630.6	1693.0
20°	658.4	801.2	946.0	1083.8	1205.9	1316.0	1415.9	1507.6	1589.2	1660.3	1722.4
17.5°	683.8	830.1	976.3	1113.2	1235.4	1346.0	1446.3	1538.3	1618.0	1687.0	1747.7
15°	705.9	855.3	1002.9	1139.0	1260.8	1371.0	1471.2	1562.3	1641.4	1709.9	1770.2
12.5°	724.7	876.8	1025.5	1161.0	1282.4	1392.3	1492.6	1582.4	1660.2	1727.8	1786.7
10°	740.2	894.6	1044.2	1179.1	1300.3	1410.0	1510.3	1599.0	1675.7	1742.6	1800.6
7.5°	752.4	908.4	1058.8	1193.3	1314.4	1423.8	1524.1	1612.1	1688.0	1754.3	1811.5
5°	761.0	918.3	1069.3	1203.4	1324.4	1433.7	1534.1	1621.5	1696.8	1762.8	1819.3
2.5°	766.3	924.3	1075.6	1209.6	1330.5	1439.7	1540.1	1627.2	1702.1	1767.9	1824.1
0°	768.0	926.3	1077.7	1211.6	1332.5	1441.7	1542.1	1629.1	1703.9	1769.6	1825.7
-2.5°	766.3	924.3	1075.6	1209.6	1330.5	1439.7	1540.1	1627.2	1702.1	1767.9	1824.1
-5°	761.0	918.3	1069.3	1203.4	1324.4	1433.7	1534.1	1621.5	1696.8	1762.8	1819.3
-7.5°	752.4	908.4	1058.8	1193.3	1314.4	1423.8	1524.1	1612.1	1688.0	1754.3	1811.5
-10°	740.2	894.6	1044.2	1179.1	1300.3	1410.0	1510.3	1599.0	1675.7	1742.6	1800.6
-12.5°	724.7	876.8	1025.5	1161.0	1282.4	1392.3	1492.6	1582.4	1660.2	1727.8	1786.7
-15°	705.9	855.3	1002.9	1139.0	1260.8	1371.0	1471.2	1562.3	1641.4	1709.9	1770.2
-17.5°	683.8	830.1	976.3	1113.2	1235.4	1346.0	1446.3	1538.3	1618.0	1687.0	1747.7
-20°	658.4	801.2	946.0	1083.8	1205.9	1316.0	1415.9	1507.6	1589.2	1660.3	1722.4

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	630.0	768.8	911.2	1047.4	1170.0	1280.8	1381.5	1473.4	1557.2	1630.6	1693.0
-25°	600.7	734.0	871.9	1006.3	1130.5	1242.1	1343.7	1435.4	1519.1	1593.2	1658.2
-27.5°	571.0	696.0	829.0	961.5	1087.5	1198.8	1299.5	1391.2	1475.5	1552.7	1619.6
-30°	538.9	655.0	782.6	912.6	1036.3	1148.7	1250.7	1343.9	1427.7	1504.4	1573.4
-32.5°	504.5	611.4	734.0	858.6	980.3	1095.3	1197.4	1289.5	1373.9	1451.6	1521.9
-35°	471.1	571.0	682.8	801.2	920.7	1033.6	1136.7	1230.8	1315.7	1392.2	1463.1
-37.5°	441.0	528.3	628.7	741.5	855.3	966.3	1072.3	1164.7	1250.2	1328.9	1398.3
-40°	409.3	483.4	577.8	679.9	786.8	894.6	997.0	1093.6	1178.8	1256.7	1328.9
-42.5°	376.8	446.8	526.6	615.5	716.9	817.9	918.3	1012.4	1100.6	1178.8	1250.2
-45°	348.0	408.9	475.3	557.8	645.0	739.4	833.6	926.3	1012.4	1093.6	1164.7
-47.5°	318.0	371.3	432.6	498.1	576.7	659.8	746.9	833.6	918.3	997.0	1072.3
-50°	288.6	337.4	388.5	446.9	510.6	583.0	659.8	739.4	817.9	894.6	966.3
-52.5°	263.2	302.4	349.2	397.9	451.7	510.6	576.7	645.0	716.9	786.8	855.3
-55°	237.1	272.4	310.2	353.1	397.9	446.9	498.1	557.8	615.5	679.9	741.5
-57.5°	214.4	243.2	275.5	310.2	349.2	388.5	432.6	475.3	526.6	577.8	628.7
-60°	193.5	216.8	243.2	272.4	302.4	337.4	371.3	408.9	446.8	483.4	528.3
-62.5°	172.7	193.5	214.4	237.1	263.2	288.6	318.0	348.0	376.8	409.3	441.0
-65°	153.6	170.7	188.9	207.5	225.6	248.1	270.4	291.9	317.2	342.3	366.1
-67.5°	134.1	149.5	164.6	179.8	196.1	211.9	227.2	246.4	264.9	282.7	300.8
-70°	113.6	128.0	141.6	154.6	167.4	180.2	193.8	206.8	219.4	232.6	247.6
-72.5°	92.6	105.3	117.6	129.6	140.8	151.6	162.0	172.1	182.5	192.9	202.9
-75°	72.5	82.4	92.9	103.2	113.2	122.9	132.2	140.8	149.0	156.9	164.3
-77.5°	53.1	61.3	69.3	77.1	84.9	92.9	100.7	108.2	115.4	122.3	128.8
-80°	35.7	40.2	46.5	52.7	58.8	64.7	70.3	75.8	81.0	86.2	91.4
-82.5°	22.2	25.6	28.9	32.1	35.2	38.2	41.4	45.5	49.4	53.1	56.7
-85°	10.1	10.9	13.1	15.2	17.3	19.3	21.2	23.1	24.9	26.6	28.2
-87.5°	5.0	5.4	5.9	6.3	6.6	7.0	7.4	7.7	8.0	8.3	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: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	8.9	9.2	9.4	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7
85°	29.7	31.1	32.5	33.7	34.9	35.9	36.8	37.7	38.4	39.0	39.5
82.5°	60.0	63.2	66.1	68.8	71.3	73.6	75.7	77.5	79.1	80.4	81.5
80°	96.3	101.0	105.3	109.3	113.0	116.3	119.4	122.0	124.4	126.4	128.0
77.5°	134.7	140.3	145.4	150.2	154.6	158.7	162.3	165.5	168.3	170.7	172.6
75°	171.4	178.3	185.4	192.0	198.0	203.5	208.5	212.9	216.8	220.0	222.7
72.5°	212.3	221.2	230.1	240.2	249.5	258.0	265.6	272.4	278.3	283.4	287.5
70°	261.7	275.1	287.6	300.4	313.9	326.3	337.4	347.3	355.9	363.3	369.3
67.5°	321.1	340.2	358.1	374.8	392.1	408.9	424.1	437.6	449.3	459.3	467.6
65°	390.5	416.1	440.2	462.5	483.4	507.8	529.8	549.4	566.5	581.1	593.1
62.5°	471.1	504.5	538.9	571.0	600.7	630.0	658.4	683.8	705.9	724.7	740.2
60°	571.0	611.4	655.0	696.0	734.0	768.8	801.2	830.1	855.3	876.8	894.6
57.5°	682.8	734.0	782.6	829.0	871.9	911.2	946.0	976.3	1002.9	1025.5	1044.2
55°	801.2	858.6	912.6	961.5	1006.3	1047.4	1083.8	1113.2	1139.0	1161.0	1179.1
52.5°	920.7	980.3	1036.3	1087.5	1130.5	1170.0	1205.9	1235.4	1260.8	1282.4	1300.3
50°	1033.6	1095.3	1148.7	1198.8	1242.1	1280.8	1316.0	1346.0	1371.0	1392.3	1410.0
47.5°	1136.7	1197.4	1250.7	1299.5	1343.7	1381.5	1415.9	1446.3	1471.2	1492.6	1510.3
45°	1230.8	1289.5	1343.9	1391.2	1435.4	1473.4	1507.6	1538.3	1562.3	1582.4	1599.0
42.5°	1315.7	1373.9	1427.7	1475.5	1519.1	1557.2	1589.2	1618.0	1641.4	1660.2	1675.7
40°	1392.2	1451.6	1504.4	1552.7	1593.2	1630.6	1660.3	1687.0	1709.9	1727.8	1742.6
37.5°	1463.1	1521.9	1573.4	1619.6	1658.2	1693.0	1722.4	1747.7	1770.2	1786.7	1800.6
35°	1527.8	1583.8	1634.7	1677.0	1715.4	1748.1	1777.0	1800.4	1821.2	1837.1	1849.7
32.5°	1583.8	1639.3	1686.5	1728.2	1765.7	1796.2	1824.0	1845.4	1864.3	1879.5	1891.2
30°	1634.7	1686.5	1732.6	1773.9	1808.0	1837.7	1862.7	1883.6	1901.1	1915.6	1925.9
27.5°	1677.0	1728.2	1773.9	1811.9	1844.6	1873.2	1896.1	1916.2	1931.5	1944.8	1953.7
25°	1715.4	1765.7	1808.0	1844.6	1876.3	1902.4	1924.2	1942.5	1955.9	1967.4	1974.0
22.5°	1748.1	1796.2	1837.7	1873.2	1902.4	1926.9	1947.4	1962.8	1973.9	1980.8	1984.7
20°	1777.0	1824.0	1862.7	1896.1	1924.2	1947.4	1965.2	1976.6	1984.3	1986.2	1987.3
17.5°	1800.4	1845.4	1883.6	1916.2	1942.5	1962.8	1976.6	1984.6	1986.9	1986.5	1985.4
15°	1821.2	1864.3	1901.1	1931.5	1955.9	1973.9	1984.3	1986.9	1986.3	1983.9	1980.3
12.5°	1837.1	1879.5	1915.6	1944.8	1967.4	1980.8	1986.2	1986.5	1983.9	1979.5	1974.4
10°	1849.7	1891.2	1925.9	1953.7	1974.0	1984.7	1987.3	1985.4	1980.3	1974.4	1968.8
7.5°	1859.7	1900.5	1934.1	1960.8	1978.3	1985.9	1986.4	1982.8	1976.8	1970.1	1964.0
5°	1866.9	1907.2	1940.1	1965.9	1981.4	1986.8	1985.8	1980.9	1973.9	1966.8	1961.2
2.5°	1871.2	1911.3	1943.7	1969.0	1983.4	1987.3	1985.4	1979.6	1972.0	1964.7	1959.4
0°	1872.7	1912.7	1944.9	1970.1	1984.0	1987.5	1985.3	1979.2	1971.4	1964.0	1958.8
-2.5°	1871.2	1911.3	1943.7	1969.0	1983.4	1987.3	1985.4	1979.6	1972.0	1964.7	1959.4
-5°	1866.9	1907.2	1940.1	1965.9	1981.4	1986.8	1985.8	1980.9	1973.9	1966.8	1961.2
-7.5°	1859.7	1900.5	1934.1	1960.8	1978.3	1985.9	1986.4	1982.8	1976.8	1970.1	1964.0
-10°	1849.7	1891.2	1925.9	1953.7	1974.0	1984.7	1987.3	1985.4	1980.3	1974.4	1968.8
-12.5°	1837.1	1879.5	1915.6	1944.8	1967.4	1980.8	1986.2	1986.5	1983.9	1979.5	1974.4
-15°	1821.2	1864.3	1901.1	1931.5	1955.9	1973.9	1984.3	1986.9	1986.3	1983.9	1980.3
-17.5°	1800.4	1845.4	1883.6	1916.2	1942.5	1962.8	1976.6	1984.6	1986.9	1986.5	1985.4
-20°	1777.0	1824.0	1862.7	1896.1	1924.2	1947.4	1965.2	1976.6	1984.3	1986.2	1987.3



REPORT NUMBER: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1748.1	1796.2	1837.7	1873.2	1902.4	1926.9	1947.4	1962.8	1973.9	1980.8	1984.7
-25°	1715.4	1765.7	1808.0	1844.6	1876.3	1902.4	1924.2	1942.5	1955.9	1967.4	1974.0
-27.5°	1677.0	1728.2	1773.9	1811.9	1844.6	1873.2	1896.1	1916.2	1931.5	1944.8	1953.7
-30°	1634.7	1686.5	1732.6	1773.9	1808.0	1837.7	1862.7	1883.6	1901.1	1915.6	1925.9
-32.5°	1583.8	1639.3	1686.5	1728.2	1765.7	1796.2	1824.0	1845.4	1864.3	1879.5	1891.2
-35°	1527.8	1583.8	1634.7	1677.0	1715.4	1748.1	1777.0	1800.4	1821.2	1837.1	1849.7
-37.5°	1463.1	1521.9	1573.4	1619.6	1658.2	1693.0	1722.4	1747.7	1770.2	1786.7	1800.6
-40°	1392.2	1451.6	1504.4	1552.7	1593.2	1630.6	1660.3	1687.0	1709.9	1727.8	1742.6
-42.5°	1315.7	1373.9	1427.7	1475.5	1519.1	1557.2	1589.2	1618.0	1641.4	1660.2	1675.7
-45°	1230.8	1289.5	1343.9	1391.2	1435.4	1473.4	1507.6	1538.3	1562.3	1582.4	1599.0
-47.5°	1136.7	1197.4	1250.7	1299.5	1343.7	1381.5	1415.9	1446.3	1471.2	1492.6	1510.3
-50°	1033.6	1095.3	1148.7	1198.8	1242.1	1280.8	1316.0	1346.0	1371.0	1392.3	1410.0
-52.5°	920.7	980.3	1036.3	1087.5	1130.5	1170.0	1205.9	1235.4	1260.8	1282.4	1300.3
-55°	801.2	858.6	912.6	961.5	1006.3	1047.4	1083.8	1113.2	1139.0	1161.0	1179.1
-57.5°	682.8	734.0	782.6	829.0	871.9	911.2	946.0	976.3	1002.9	1025.5	1044.2
-60°	571.0	611.4	655.0	696.0	734.0	768.8	801.2	830.1	855.3	876.8	894.6
-62.5°	471.1	504.5	538.9	571.0	600.7	630.0	658.4	683.8	705.9	724.7	740.2
-65°	390.5	416.1	440.2	462.5	483.4	507.8	529.8	549.4	566.5	581.1	593.1
-67.5°	321.1	340.2	358.1	374.8	392.1	408.9	424.1	437.6	449.3	459.3	467.6
-70°	261.7	275.1	287.6	300.4	313.9	326.3	337.4	347.3	355.9	363.3	369.3
-72.5°	212.3	221.2	230.1	240.2	249.5	258.0	265.6	272.4	278.3	283.4	287.5
-75°	171.4	178.3	185.4	192.0	198.0	203.5	208.5	212.9	216.8	220.0	222.7
-77.5°	134.7	140.3	145.4	150.2	154.6	158.7	162.3	165.5	168.3	170.7	172.6
-80°	96.3	101.0	105.3	109.3	113.0	116.3	119.4	122.0	124.4	126.4	128.0
-82.5°	60.0	63.2	66.1	68.8	71.3	73.6	75.7	77.5	79.1	80.4	81.5
-85°	29.7	31.1	32.5	33.7	34.9	35.9	36.8	37.7	38.4	39.0	39.5
-87.5°	8.9	9.2	9.4	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.7
-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: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.7	10.6	10.5	10.4
85°	39.9	40.2	40.3	40.4	40.3	40.2	39.9	39.5	39.0	38.4	37.7
82.5°	82.4	83.0	83.4	83.5	83.4	83.0	82.4	81.5	80.4	79.1	77.5
80°	129.3	130.2	130.7	130.9	130.7	130.2	129.3	128.0	126.4	124.4	122.0
77.5°	174.1	175.2	175.9	176.1	175.9	175.2	174.1	172.6	170.7	168.3	165.5
75°	224.8	226.3	227.2	227.5	227.2	226.3	224.8	222.7	220.0	216.8	212.9
72.5°	290.7	293.0	294.4	294.9	294.4	293.0	290.7	287.5	283.4	278.3	272.4
70°	374.0	377.4	379.4	380.1	379.4	377.4	374.0	369.3	363.3	355.9	347.3
67.5°	474.0	478.6	481.4	482.3	481.4	478.6	474.0	467.6	459.3	449.3	437.6
65°	602.4	609.1	613.2	614.5	613.2	609.1	602.4	593.1	581.1	566.5	549.4
62.5°	752.4	761.0	766.3	768.0	766.3	761.0	752.4	740.2	724.7	705.9	683.8
60°	908.4	918.3	924.3	926.3	924.3	918.3	908.4	894.6	876.8	855.3	830.1
57.5°	1058.8	1069.3	1075.6	1077.7	1075.6	1069.3	1058.8	1044.2	1025.5	1002.9	976.3
55°	1193.3	1203.4	1209.6	1211.6	1209.6	1203.4	1193.3	1179.1	1161.0	1139.0	1113.2
52.5°	1314.4	1324.4	1330.5	1332.5	1330.5	1324.4	1314.4	1300.3	1282.4	1260.8	1235.4
50°	1423.8	1433.7	1439.7	1441.7	1439.7	1433.7	1423.8	1410.0	1392.3	1371.0	1346.0
47.5°	1524.1	1534.1	1540.1	1542.1	1540.1	1534.1	1524.1	1510.3	1492.6	1471.2	1446.3
45°	1612.1	1621.5	1627.2	1629.1	1627.2	1621.5	1612.1	1599.0	1582.4	1562.3	1538.3
42.5°	1688.0	1696.8	1702.1	1703.9	1702.1	1696.8	1688.0	1675.7	1660.2	1641.4	1618.0
40°	1754.3	1762.8	1767.9	1769.6	1767.9	1762.8	1754.3	1742.6	1727.8	1709.9	1687.0
37.5°	1811.5	1819.3	1824.1	1825.7	1824.1	1819.3	1811.5	1800.6	1786.7	1770.2	1747.7
35°	1859.7	1866.9	1871.2	1872.7	1871.2	1866.9	1859.7	1849.7	1837.1	1821.2	1800.4
32.5°	1900.5	1907.2	1911.3	1912.7	1911.3	1907.2	1900.5	1891.2	1879.5	1864.3	1845.4
30°	1934.1	1940.1	1943.7	1944.9	1943.7	1940.1	1934.1	1925.9	1915.6	1901.1	1883.6
27.5°	1960.8	1965.9	1969.0	1970.1	1969.0	1965.9	1960.8	1953.7	1944.8	1931.5	1916.2
25°	1978.3	1981.4	1983.4	1984.0	1983.4	1981.4	1978.3	1974.0	1967.4	1955.9	1942.5
22.5°	1985.9	1986.8	1987.3	1987.5	1987.3	1986.8	1985.9	1984.7	1980.8	1973.9	1962.8
20°	1986.4	1985.8	1985.4	1985.3	1985.4	1985.8	1986.4	1987.3	1986.2	1984.3	1976.6
17.5°	1982.8	1980.9	1979.6	1979.2	1979.6	1980.9	1982.8	1985.4	1986.5	1986.9	1984.6
15°	1976.8	1973.9	1972.0	1971.4	1972.0	1973.9	1976.8	1980.3	1983.9	1986.3	1986.9
12.5°	1970.1	1966.8	1964.7	1964.0	1964.7	1966.8	1970.1	1974.4	1979.5	1983.9	1986.5
10°	1964.0	1961.2	1959.4	1958.8	1959.4	1961.2	1964.0	1968.8	1974.4	1980.3	1985.4
7.5°	1960.0	1957.6	1956.2	1955.7	1956.2	1957.6	1960.0	1964.0	1970.1	1976.8	1982.8
5°	1957.6	1955.1	1953.1	1952.3	1953.1	1955.1	1957.6	1961.2	1966.8	1973.9	1980.9
2.5°	1956.2	1953.1	1950.0	1948.3	1950.0	1953.1	1956.2	1959.4	1964.7	1972.0	1979.6
0°	1955.7	1952.3	1948.3	1948.8	1948.3	1952.3	1955.7	1958.8	1964.0	1971.4	1979.2
-2.5°	1956.2	1953.1	1950.0	1948.3	1950.0	1953.1	1956.2	1959.4	1964.7	1972.0	1979.6
-5°	1957.6	1955.1	1953.1	1952.3	1953.1	1955.1	1957.6	1961.2	1966.8	1973.9	1980.9
-7.5°	1960.0	1957.6	1956.2	1955.7	1956.2	1957.6	1960.0	1964.0	1970.1	1976.8	1982.8
-10°	1964.0	1961.2	1959.4	1958.8	1959.4	1961.2	1964.0	1968.8	1974.4	1980.3	1985.4
-12.5°	1970.1	1966.8	1964.7	1964.0	1964.7	1966.8	1970.1	1974.4	1979.5	1983.9	1986.5
-15°	1976.8	1973.9	1972.0	1971.4	1972.0	1973.9	1976.8	1980.3	1983.9	1986.3	1986.9
-17.5°	1982.8	1980.9	1979.6	1979.2	1979.6	1980.9	1982.8	1985.4	1986.5	1986.9	1984.6
-20°	1986.4	1985.8	1985.4	1985.3	1985.4	1985.8	1986.4	1987.3	1986.2	1984.3	1976.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-750-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°	1985.9	1986.8	1987.3	1987.5	1987.3	1986.8	1985.9	1984.7	1980.8	1973.9	1962.8
-25°	1978.3	1981.4	1983.4	1984.0	1983.4	1981.4	1978.3	1974.0	1967.4	1955.9	1942.5
-27.5°	1960.8	1965.9	1969.0	1970.1	1969.0	1965.9	1960.8	1953.7	1944.8	1931.5	1916.2
-30°	1934.1	1940.1	1943.7	1944.9	1943.7	1940.1	1934.1	1925.9	1915.6	1901.1	1883.6
-32.5°	1900.5	1907.2	1911.3	1912.7	1911.3	1907.2	1900.5	1891.2	1879.5	1864.3	1845.4
-35°	1859.7	1866.9	1871.2	1872.7	1871.2	1866.9	1859.7	1849.7	1837.1	1821.2	1800.4
-37.5°	1811.5	1819.3	1824.1	1825.7	1824.1	1819.3	1811.5	1800.6	1786.7	1770.2	1747.7
-40°	1754.3	1762.8	1767.9	1769.6	1767.9	1762.8	1754.3	1742.6	1727.8	1709.9	1687.0
-42.5°	1688.0	1696.8	1702.1	1703.9	1702.1	1696.8	1688.0	1675.7	1660.2	1641.4	1618.0
-45°	1612.1	1621.5	1627.2	1629.1	1627.2	1621.5	1612.1	1599.0	1582.4	1562.3	1538.3
-47.5°	1524.1	1534.1	1540.1	1542.1	1540.1	1534.1	1524.1	1510.3	1492.6	1471.2	1446.3
-50°	1423.8	1433.7	1439.7	1441.7	1439.7	1433.7	1423.8	1410.0	1392.3	1371.0	1346.0
-52.5°	1314.4	1324.4	1330.5	1332.5	1330.5	1324.4	1314.4	1300.3	1282.4	1260.8	1235.4
-55°	1193.3	1203.4	1209.6	1211.6	1209.6	1203.4	1193.3	1179.1	1161.0	1139.0	1113.2
-57.5°	1058.8	1069.3	1075.6	1077.7	1075.6	1069.3	1058.8	1044.2	1025.5	1002.9	976.3
-60°	908.4	918.3	924.3	926.3	924.3	918.3	908.4	894.6	876.8	855.3	830.1
-62.5°	752.4	761.0	766.3	768.0	766.3	761.0	752.4	740.2	724.7	705.9	683.8
-65°	602.4	609.1	613.2	614.5	613.2	609.1	602.4	593.1	581.1	566.5	549.4
-67.5°	474.0	478.6	481.4	482.3	481.4	478.6	474.0	467.6	459.3	449.3	437.6
-70°	374.0	377.4	379.4	380.1	379.4	377.4	374.0	369.3	363.3	355.9	347.3
-72.5°	290.7	293.0	294.4	294.9	294.4	293.0	290.7	287.5	283.4	278.3	272.4
-75°	224.8	226.3	227.2	227.5	227.2	226.3	224.8	222.7	220.0	216.8	212.9
-77.5°	174.1	175.2	175.9	176.1	175.9	175.2	174.1	172.6	170.7	168.3	165.5
-80°	129.3	130.2	130.7	130.9	130.7	130.2	129.3	128.0	126.4	124.4	122.0
-82.5°	82.4	83.0	83.4	83.5	83.4	83.0	82.4	81.5	80.4	79.1	77.5
-85°	39.9	40.2	40.3	40.4	40.3	40.2	39.9	39.5	39.0	38.4	37.7
-87.5°	10.8	10.9	10.9	10.9	10.9	10.9	10.8	10.7	10.6	10.5	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: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	10.2	10.1	9.9	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7
85°	36.8	35.9	34.9	33.7	32.5	31.1	29.7	28.2	26.6	24.9	23.1
82.5°	75.7	73.6	71.3	68.8	66.1	63.2	60.0	56.7	53.1	49.4	45.5
80°	119.4	116.3	113.0	109.3	105.3	101.0	96.3	91.4	86.2	81.0	75.8
77.5°	162.3	158.7	154.6	150.2	145.4	140.3	134.7	128.8	122.3	115.4	108.2
75°	208.5	203.5	198.0	192.0	185.4	178.3	171.4	164.3	156.9	149.0	140.8
72.5°	265.6	258.0	249.5	240.2	230.1	221.2	212.3	202.9	192.9	182.5	172.1
70°	337.4	326.3	313.9	300.4	287.6	275.1	261.7	247.6	232.6	219.4	206.8
67.5°	424.1	408.9	392.1	374.8	358.1	340.2	321.1	300.8	282.7	264.9	246.4
65°	529.8	507.8	483.4	462.5	440.2	416.1	390.5	366.1	342.3	317.2	291.9
62.5°	658.4	630.0	600.7	571.0	538.9	504.5	471.1	441.0	409.3	376.8	348.0
60°	801.2	768.8	734.0	696.0	655.0	611.4	571.0	528.3	483.4	446.8	408.9
57.5°	946.0	911.2	871.9	829.0	782.6	734.0	682.8	628.7	577.8	526.6	475.3
55°	1083.8	1047.4	1006.3	961.5	912.6	858.6	801.2	741.5	679.9	615.5	557.8
52.5°	1205.9	1170.0	1130.5	1087.5	1036.3	980.3	920.7	855.3	786.8	716.9	645.0
50°	1316.0	1280.8	1242.1	1198.8	1148.7	1095.3	1033.6	966.3	894.6	817.9	739.4
47.5°	1415.9	1381.5	1343.7	1299.5	1250.7	1197.4	1136.7	1072.3	997.0	918.3	833.6
45°	1507.6	1473.4	1435.4	1391.2	1343.9	1289.5	1230.8	1164.7	1093.6	1012.4	926.3
42.5°	1589.2	1557.2	1519.1	1475.5	1427.7	1373.9	1315.7	1250.2	1178.8	1100.6	1012.4
40°	1660.3	1630.6	1593.2	1552.7	1504.4	1451.6	1392.2	1328.9	1256.7	1178.8	1093.6
37.5°	1722.4	1693.0	1658.2	1619.6	1573.4	1521.9	1463.1	1398.3	1328.9	1250.2	1164.7
35°	1777.0	1748.1	1715.4	1677.0	1634.7	1583.8	1527.8	1463.1	1392.2	1315.7	1230.8
32.5°	1824.0	1796.2	1765.7	1728.2	1686.5	1639.3	1583.8	1521.9	1451.6	1373.9	1289.5
30°	1862.7	1837.7	1808.0	1773.9	1732.6	1686.5	1634.7	1573.4	1504.4	1427.7	1343.9
27.5°	1896.1	1873.2	1844.6	1811.9	1773.9	1728.2	1677.0	1619.6	1552.7	1475.5	1391.2
25°	1924.2	1902.4	1876.3	1844.6	1808.0	1765.7	1715.4	1658.2	1593.2	1519.1	1435.4
22.5°	1947.4	1926.9	1902.4	1873.2	1837.7	1796.2	1748.1	1693.0	1630.6	1557.2	1473.4
20°	1965.2	1947.4	1924.2	1896.1	1862.7	1824.0	1777.0	1722.4	1660.3	1589.2	1507.6
17.5°	1976.6	1962.8	1942.5	1916.2	1883.6	1845.4	1800.4	1747.7	1687.0	1618.0	1538.3
15°	1984.3	1973.9	1955.9	1931.5	1901.1	1864.3	1821.2	1770.2	1709.9	1641.4	1562.3
12.5°	1986.2	1980.8	1967.4	1944.8	1915.6	1879.5	1837.1	1786.7	1727.8	1660.2	1582.4
10°	1987.3	1984.7	1974.0	1953.7	1925.9	1891.2	1849.7	1800.6	1742.6	1675.7	1599.0
7.5°	1986.4	1985.9	1978.3	1960.8	1934.1	1900.5	1859.7	1811.5	1754.3	1688.0	1612.1
5°	1985.8	1986.8	1981.4	1965.9	1940.1	1907.2	1866.9	1819.3	1762.8	1696.8	1621.5
2.5°	1985.4	1987.3	1983.4	1969.0	1943.7	1911.3	1871.2	1824.1	1767.9	1702.1	1627.2
0°	1985.3	1987.5	1984.0	1970.1	1944.9	1912.7	1872.7	1825.7	1769.6	1703.9	1629.1
-2.5°	1985.4	1987.3	1983.4	1969.0	1943.7	1911.3	1871.2	1824.1	1767.9	1702.1	1627.2
-5°	1985.8	1986.8	1981.4	1965.9	1940.1	1907.2	1866.9	1819.3	1762.8	1696.8	1621.5
-7.5°	1986.4	1985.9	1978.3	1960.8	1934.1	1900.5	1859.7	1811.5	1754.3	1688.0	1612.1
-10°	1987.3	1984.7	1974.0	1953.7	1925.9	1891.2	1849.7	1800.6	1742.6	1675.7	1599.0
-12.5°	1986.2	1980.8	1967.4	1944.8	1915.6	1879.5	1837.1	1786.7	1727.8	1660.2	1582.4
-15°	1984.3	1973.9	1955.9	1931.5	1901.1	1864.3	1821.2	1770.2	1709.9	1641.4	1562.3
-17.5°	1976.6	1962.8	1942.5	1916.2	1883.6	1845.4	1800.4	1747.7	1687.0	1618.0	1538.3
-20°	1965.2	1947.4	1924.2	1896.1	1862.7	1824.0	1777.0	1722.4	1660.3	1589.2	1507.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1947.4	1926.9	1902.4	1873.2	1837.7	1796.2	1748.1	1693.0	1630.6	1557.2	1473.4
-25°	1924.2	1902.4	1876.3	1844.6	1808.0	1765.7	1715.4	1658.2	1593.2	1519.1	1435.4
-27.5°	1896.1	1873.2	1844.6	1811.9	1773.9	1728.2	1677.0	1619.6	1552.7	1475.5	1391.2
-30°	1862.7	1837.7	1808.0	1773.9	1732.6	1686.5	1634.7	1573.4	1504.4	1427.7	1343.9
-32.5°	1824.0	1796.2	1765.7	1728.2	1686.5	1639.3	1583.8	1521.9	1451.6	1373.9	1289.5
-35°	1777.0	1748.1	1715.4	1677.0	1634.7	1583.8	1527.8	1463.1	1392.2	1315.7	1230.8
-37.5°	1722.4	1693.0	1658.2	1619.6	1573.4	1521.9	1463.1	1398.3	1328.9	1250.2	1164.7
-40°	1660.3	1630.6	1593.2	1552.7	1504.4	1451.6	1392.2	1328.9	1256.7	1178.8	1093.6
-42.5°	1589.2	1557.2	1519.1	1475.5	1427.7	1373.9	1315.7	1250.2	1178.8	1100.6	1012.4
-45°	1507.6	1473.4	1435.4	1391.2	1343.9	1289.5	1230.8	1164.7	1093.6	1012.4	926.3
-47.5°	1415.9	1381.5	1343.7	1299.5	1250.7	1197.4	1136.7	1072.3	997.0	918.3	833.6
-50°	1316.0	1280.8	1242.1	1198.8	1148.7	1095.3	1033.6	966.3	894.6	817.9	739.4
-52.5°	1205.9	1170.0	1130.5	1087.5	1036.3	980.3	920.7	855.3	786.8	716.9	645.0
-55°	1083.8	1047.4	1006.3	961.5	912.6	858.6	801.2	741.5	679.9	615.5	557.8
-57.5°	946.0	911.2	871.9	829.0	782.6	734.0	682.8	628.7	577.8	526.6	475.3
-60°	801.2	768.8	734.0	696.0	655.0	611.4	571.0	528.3	483.4	446.8	408.9
-62.5°	658.4	630.0	600.7	571.0	538.9	504.5	471.1	441.0	409.3	376.8	348.0
-65°	529.8	507.8	483.4	462.5	440.2	416.1	390.5	366.1	342.3	317.2	291.9
-67.5°	424.1	408.9	392.1	374.8	358.1	340.2	321.1	300.8	282.7	264.9	246.4
-70°	337.4	326.3	313.9	300.4	287.6	275.1	261.7	247.6	232.6	219.4	206.8
-72.5°	265.6	258.0	249.5	240.2	230.1	221.2	212.3	202.9	192.9	182.5	172.1
-75°	208.5	203.5	198.0	192.0	185.4	178.3	171.4	164.3	156.9	149.0	140.8
-77.5°	162.3	158.7	154.6	150.2	145.4	140.3	134.7	128.8	122.3	115.4	108.2
-80°	119.4	116.3	113.0	109.3	105.3	101.0	96.3	91.4	86.2	81.0	75.8
-82.5°	75.7	73.6	71.3	68.8	66.1	63.2	60.0	56.7	53.1	49.4	45.5
-85°	36.8	35.9	34.9	33.7	32.5	31.1	29.7	28.2	26.6	24.9	23.1
-87.5°	10.2	10.1	9.9	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7
-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: P645330 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-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°	7.4	7.0	6.6	6.3	5.9	5.4	5.0	4.6	4.2	3.7	3.3
85°	21.2	19.3	17.3	15.2	13.1	10.9	10.1	9.2	8.3	7.4	6.5
82.5°	41.4	38.2	35.2	32.1	28.9	25.6	22.2	18.7	15.2	11.6	9.8
80°	70.3	64.7	58.8	52.7	46.5	40.2	35.7	31.1	26.4	21.6	16.7
77.5°	100.7	92.9	84.9	77.1	69.3	61.3	53.1	44.7	37.5	31.5	25.4
75°	132.2	122.9	113.2	103.2	92.9	82.4	72.5	62.5	52.2	41.8	34.1
72.5°	162.0	151.6	140.8	129.6	117.6	105.3	92.6	80.1	68.1	56.0	43.6
70°	193.8	180.2	167.4	154.6	141.6	128.0	113.6	98.9	83.9	70.0	56.0
67.5°	227.2	211.9	196.1	179.8	164.6	149.5	134.1	117.8	101.0	83.9	68.1
65°	270.4	248.1	225.6	207.5	188.9	170.7	153.6	136.1	117.8	98.9	80.1
62.5°	318.0	288.6	263.2	237.1	214.4	193.5	172.7	153.6	134.1	113.6	92.6
60°	371.3	337.4	302.4	272.4	243.2	216.8	193.5	170.7	149.5	128.0	105.3
57.5°	432.6	388.5	349.2	310.2	275.5	243.2	214.4	188.9	164.6	141.6	117.6
55°	498.1	446.9	397.9	353.1	310.2	272.4	237.1	207.5	179.8	154.6	129.6
52.5°	576.7	510.6	451.7	397.9	349.2	302.4	263.2	225.6	196.1	167.4	140.8
50°	659.8	583.0	510.6	446.9	388.5	337.4	288.6	248.1	211.9	180.2	151.6
47.5°	746.9	659.8	576.7	498.1	432.6	371.3	318.0	270.4	227.2	193.8	162.0
45°	833.6	739.4	645.0	557.8	475.3	408.9	348.0	291.9	246.4	206.8	172.1
42.5°	918.3	817.9	716.9	615.5	526.6	446.8	376.8	317.2	264.9	219.4	182.5
40°	997.0	894.6	786.8	679.9	577.8	483.4	409.3	342.3	282.7	232.6	192.9
37.5°	1072.3	966.3	855.3	741.5	628.7	528.3	441.0	366.1	300.8	247.6	202.9
35°	1136.7	1033.6	920.7	801.2	682.8	571.0	471.1	390.5	321.1	261.7	212.3
32.5°	1197.4	1095.3	980.3	858.6	734.0	611.4	504.5	416.1	340.2	275.1	221.2
30°	1250.7	1148.7	1036.3	912.6	782.6	655.0	538.9	440.2	358.1	287.6	230.1
27.5°	1299.5	1198.8	1087.5	961.5	829.0	696.0	571.0	462.5	374.8	300.4	240.2
25°	1343.7	1242.1	1130.5	1006.3	871.9	734.0	600.7	483.4	392.1	313.9	249.5
22.5°	1381.5	1280.8	1170.0	1047.4	911.2	768.8	630.0	507.8	408.9	326.3	258.0
20°	1415.9	1316.0	1205.9	1083.8	946.0	801.2	658.4	529.8	424.1	337.4	265.6
17.5°	1446.3	1346.0	1235.4	1113.2	976.3	830.1	683.8	549.4	437.6	347.3	272.4
15°	1471.2	1371.0	1260.8	1139.0	1002.9	855.3	705.9	566.5	449.3	355.9	278.3
12.5°	1492.6	1392.3	1282.4	1161.0	1025.5	876.8	724.7	581.1	459.3	363.3	283.4
10°	1510.3	1410.0	1300.3	1179.1	1044.2	894.6	740.2	593.1	467.6	369.3	287.5
7.5°	1524.1	1423.8	1314.4	1193.3	1058.8	908.4	752.4	602.4	474.0	374.0	290.7
5°	1534.1	1433.7	1324.4	1203.4	1069.3	918.3	761.0	609.1	478.6	377.4	293.0
2.5°	1540.1	1439.7	1330.5	1209.6	1075.6	924.3	766.3	613.2	481.4	379.4	294.4
0°	1542.1	1441.7	1332.5	1211.6	1077.7	926.3	768.0	614.5	482.3	380.1	294.9
-2.5°	1540.1	1439.7	1330.5	1209.6	1075.6	924.3	766.3	613.2	481.4	379.4	294.4
-5°	1534.1	1433.7	1324.4	1203.4	1069.3	918.3	761.0	609.1	478.6	377.4	293.0
-7.5°	1524.1	1423.8	1314.4	1193.3	1058.8	908.4	752.4	602.4	474.0	374.0	290.7
-10°	1510.3	1410.0	1300.3	1179.1	1044.2	894.6	740.2	593.1	467.6	369.3	287.5
-12.5°	1492.6	1392.3	1282.4	1161.0	1025.5	876.8	724.7	581.1	459.3	363.3	283.4
-15°	1471.2	1371.0	1260.8	1139.0	1002.9	855.3	705.9	566.5	449.3	355.9	278.3
-17.5°	1446.3	1346.0	1235.4	1113.2	976.3	830.1	683.8	549.4	437.6	347.3	272.4
-20°	1415.9	1316.0	1205.9	1083.8	946.0	801.2	658.4	529.8	424.1	337.4	265.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1381.5	1280.8	1170.0	1047.4	911.2	768.8	630.0	507.8	408.9	326.3	258.0
-25°	1343.7	1242.1	1130.5	1006.3	871.9	734.0	600.7	483.4	392.1	313.9	249.5
-27.5°	1299.5	1198.8	1087.5	961.5	829.0	696.0	571.0	462.5	374.8	300.4	240.2
-30°	1250.7	1148.7	1036.3	912.6	782.6	655.0	538.9	440.2	358.1	287.6	230.1
-32.5°	1197.4	1095.3	980.3	858.6	734.0	611.4	504.5	416.1	340.2	275.1	221.2
-35°	1136.7	1033.6	920.7	801.2	682.8	571.0	471.1	390.5	321.1	261.7	212.3
-37.5°	1072.3	966.3	855.3	741.5	628.7	528.3	441.0	366.1	300.8	247.6	202.9
-40°	997.0	894.6	786.8	679.9	577.8	483.4	409.3	342.3	282.7	232.6	192.9
-42.5°	918.3	817.9	716.9	615.5	526.6	446.8	376.8	317.2	264.9	219.4	182.5
-45°	833.6	739.4	645.0	557.8	475.3	408.9	348.0	291.9	246.4	206.8	172.1
-47.5°	746.9	659.8	576.7	498.1	432.6	371.3	318.0	270.4	227.2	193.8	162.0
-50°	659.8	583.0	510.6	446.9	388.5	337.4	288.6	248.1	211.9	180.2	151.6
-52.5°	576.7	510.6	451.7	397.9	349.2	302.4	263.2	225.6	196.1	167.4	140.8
-55°	498.1	446.9	397.9	353.1	310.2	272.4	237.1	207.5	179.8	154.6	129.6
-57.5°	432.6	388.5	349.2	310.2	275.5	243.2	214.4	188.9	164.6	141.6	117.6
-60°	371.3	337.4	302.4	272.4	243.2	216.8	193.5	170.7	149.5	128.0	105.3
-62.5°	318.0	288.6	263.2	237.1	214.4	193.5	172.7	153.6	134.1	113.6	92.6
-65°	270.4	248.1	225.6	207.5	188.9	170.7	153.6	136.1	117.8	98.9	80.1
-67.5°	227.2	211.9	196.1	179.8	164.6	149.5	134.1	117.8	101.0	83.9	68.1
-70°	193.8	180.2	167.4	154.6	141.6	128.0	113.6	98.9	83.9	70.0	56.0
-72.5°	162.0	151.6	140.8	129.6	117.6	105.3	92.6	80.1	68.1	56.0	43.6
-75°	132.2	122.9	113.2	103.2	92.9	82.4	72.5	62.5	52.2	41.8	34.1
-77.5°	100.7	92.9	84.9	77.1	69.3	61.3	53.1	44.7	37.5	31.5	25.4
-80°	70.3	64.7	58.8	52.7	46.5	40.2	35.7	31.1	26.4	21.6	16.7
-82.5°	41.4	38.2	35.2	32.1	28.9	25.6	22.2	18.7	15.2	11.6	9.8
-85°	21.2	19.3	17.3	15.2	13.1	10.9	10.1	9.2	8.3	7.4	6.5
-87.5°	7.4	7.0	6.6	6.3	5.9	5.4	5.0	4.6	4.2	3.7	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	2.8	2.4	1.9	1.4	0.9	0.5	0.0
85°	5.6	4.7	3.8	2.8	1.9	0.9	0.0
82.5°	8.4	7.1	5.7	4.3	2.8	1.4	0.0
80°	11.8	9.4	7.5	5.7	3.8	1.9	0.0
77.5°	19.3	13.1	9.4	7.1	4.7	2.4	0.0
75°	26.7	19.3	11.8	8.4	5.6	2.8	0.0
72.5°	34.1	25.4	16.7	9.8	6.5	3.3	0.0
70°	41.8	31.5	21.6	11.6	7.4	3.7	0.0
67.5°	52.2	37.5	26.4	15.2	8.3	4.2	0.0
65°	62.5	44.7	31.1	18.7	9.2	4.6	0.0
62.5°	72.5	53.1	35.7	22.2	10.1	5.0	0.0
60°	82.4	61.3	40.2	25.6	10.9	5.4	0.0
57.5°	92.9	69.3	46.5	28.9	13.1	5.9	0.0
55°	103.2	77.1	52.7	32.1	15.2	6.3	0.0
52.5°	113.2	84.9	58.8	35.2	17.3	6.6	0.0
50°	122.9	92.9	64.7	38.2	19.3	7.0	0.0
47.5°	132.2	100.7	70.3	41.4	21.2	7.4	0.0
45°	140.8	108.2	75.8	45.5	23.1	7.7	0.0
42.5°	149.0	115.4	81.0	49.4	24.9	8.0	0.0
40°	156.9	122.3	86.2	53.1	26.6	8.3	0.0
37.5°	164.3	128.8	91.4	56.7	28.2	8.6	0.0
35°	171.4	134.7	96.3	60.0	29.7	8.9	0.0
32.5°	178.3	140.3	101.0	63.2	31.1	9.2	0.0
30°	185.4	145.4	105.3	66.1	32.5	9.4	0.0
27.5°	192.0	150.2	109.3	68.8	33.7	9.7	0.0
25°	198.0	154.6	113.0	71.3	34.9	9.9	0.0
22.5°	203.5	158.7	116.3	73.6	35.9	10.1	0.0
20°	208.5	162.3	119.4	75.7	36.8	10.2	0.0
17.5°	212.9	165.5	122.0	77.5	37.7	10.4	0.0
15°	216.8	168.3	124.4	79.1	38.4	10.5	0.0
12.5°	220.0	170.7	126.4	80.4	39.0	10.6	0.0
10°	222.7	172.6	128.0	81.5	39.5	10.7	0.0
7.5°	224.8	174.1	129.3	82.4	39.9	10.8	0.0
5°	226.3	175.2	130.2	83.0	40.2	10.9	0.0
2.5°	227.2	175.9	130.7	83.4	40.3	10.9	0.0
0°	227.5	176.1	130.9	83.5	40.4	10.9	0.0
-2.5°	227.2	175.9	130.7	83.4	40.3	10.9	0.0
-5°	226.3	175.2	130.2	83.0	40.2	10.9	0.0
-7.5°	224.8	174.1	129.3	82.4	39.9	10.8	0.0
-10°	222.7	172.6	128.0	81.5	39.5	10.7	0.0
-12.5°	220.0	170.7	126.4	80.4	39.0	10.6	0.0
-15°	216.8	168.3	124.4	79.1	38.4	10.5	0.0
-17.5°	212.9	165.5	122.0	77.5	37.7	10.4	0.0
-20°	208.5	162.3	119.4	75.7	36.8	10.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	203.5	158.7	116.3	73.6	35.9	10.1	0.0
-25°	198.0	154.6	113.0	71.3	34.9	9.9	0.0
-27.5°	192.0	150.2	109.3	68.8	33.7	9.7	0.0
-30°	185.4	145.4	105.3	66.1	32.5	9.4	0.0
-32.5°	178.3	140.3	101.0	63.2	31.1	9.2	0.0
-35°	171.4	134.7	96.3	60.0	29.7	8.9	0.0
-37.5°	164.3	128.8	91.4	56.7	28.2	8.6	0.0
-40°	156.9	122.3	86.2	53.1	26.6	8.3	0.0
-42.5°	149.0	115.4	81.0	49.4	24.9	8.0	0.0
-45°	140.8	108.2	75.8	45.5	23.1	7.7	0.0
-47.5°	132.2	100.7	70.3	41.4	21.2	7.4	0.0
-50°	122.9	92.9	64.7	38.2	19.3	7.0	0.0
-52.5°	113.2	84.9	58.8	35.2	17.3	6.6	0.0
-55°	103.2	77.1	52.7	32.1	15.2	6.3	0.0
-57.5°	92.9	69.3	46.5	28.9	13.1	5.9	0.0
-60°	82.4	61.3	40.2	25.6	10.9	5.4	0.0
-62.5°	72.5	53.1	35.7	22.2	10.1	5.0	0.0
-65°	62.5	44.7	31.1	18.7	9.2	4.6	0.0
-67.5°	52.2	37.5	26.4	15.2	8.3	4.2	0.0
-70°	41.8	31.5	21.6	11.6	7.4	3.7	0.0
-72.5°	34.1	25.4	16.7	9.8	6.5	3.3	0.0
-75°	26.7	19.3	11.8	8.4	5.6	2.8	0.0
-77.5°	19.3	13.1	9.4	7.1	4.7	2.4	0.0
-80°	11.8	9.4	7.5	5.7	3.8	1.9	0.0
-82.5°	8.4	7.1	5.7	4.3	2.8	1.4	0.0
-85°	5.6	4.7	3.8	2.8	1.9	0.9	0.0
-87.5°	2.8	2.4	1.9	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)