

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: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-750-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N35
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

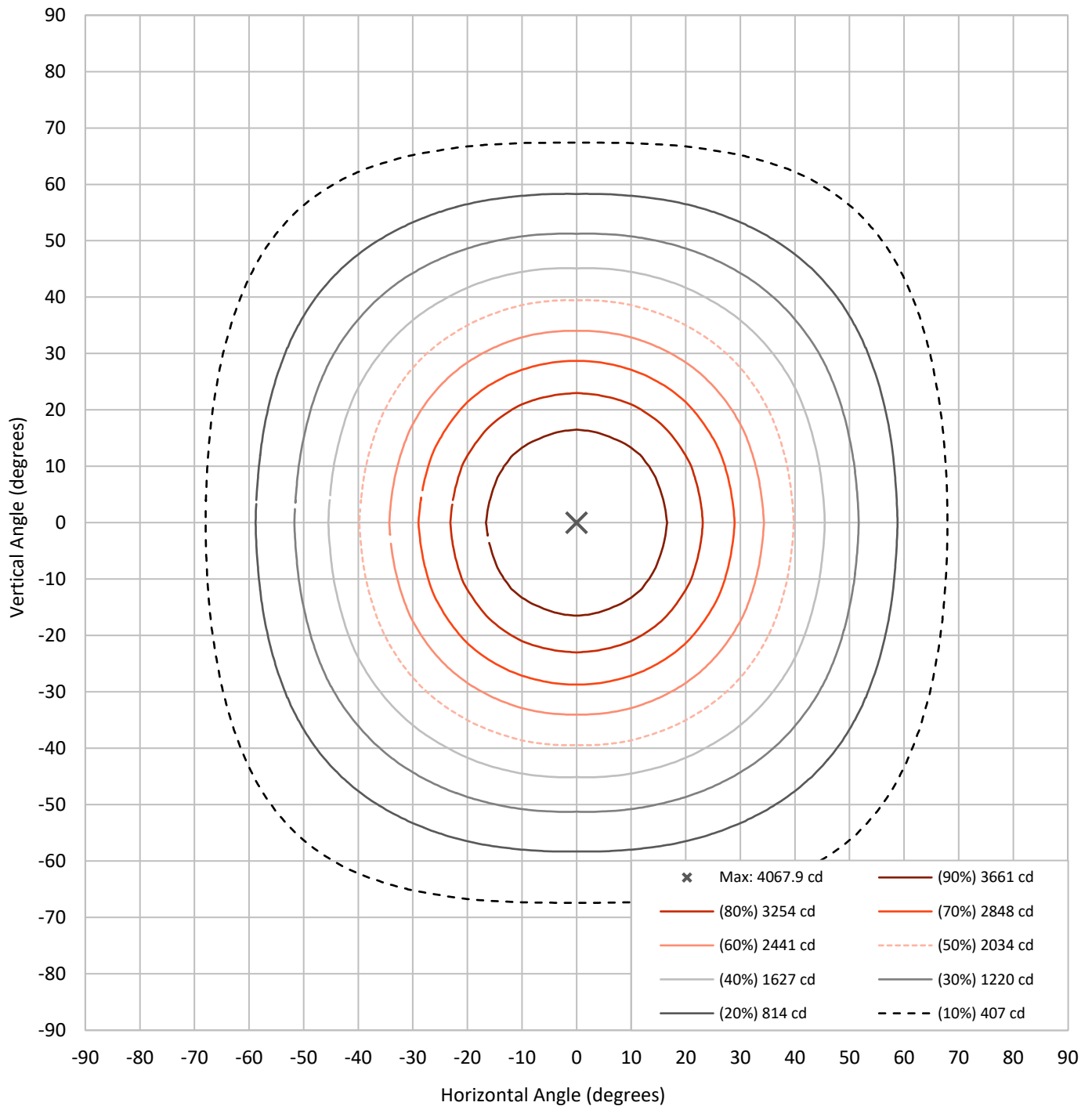
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7352.5 lumens	Max Intensity:	4067.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	4312.3 lumens	Field Lumens:	7009.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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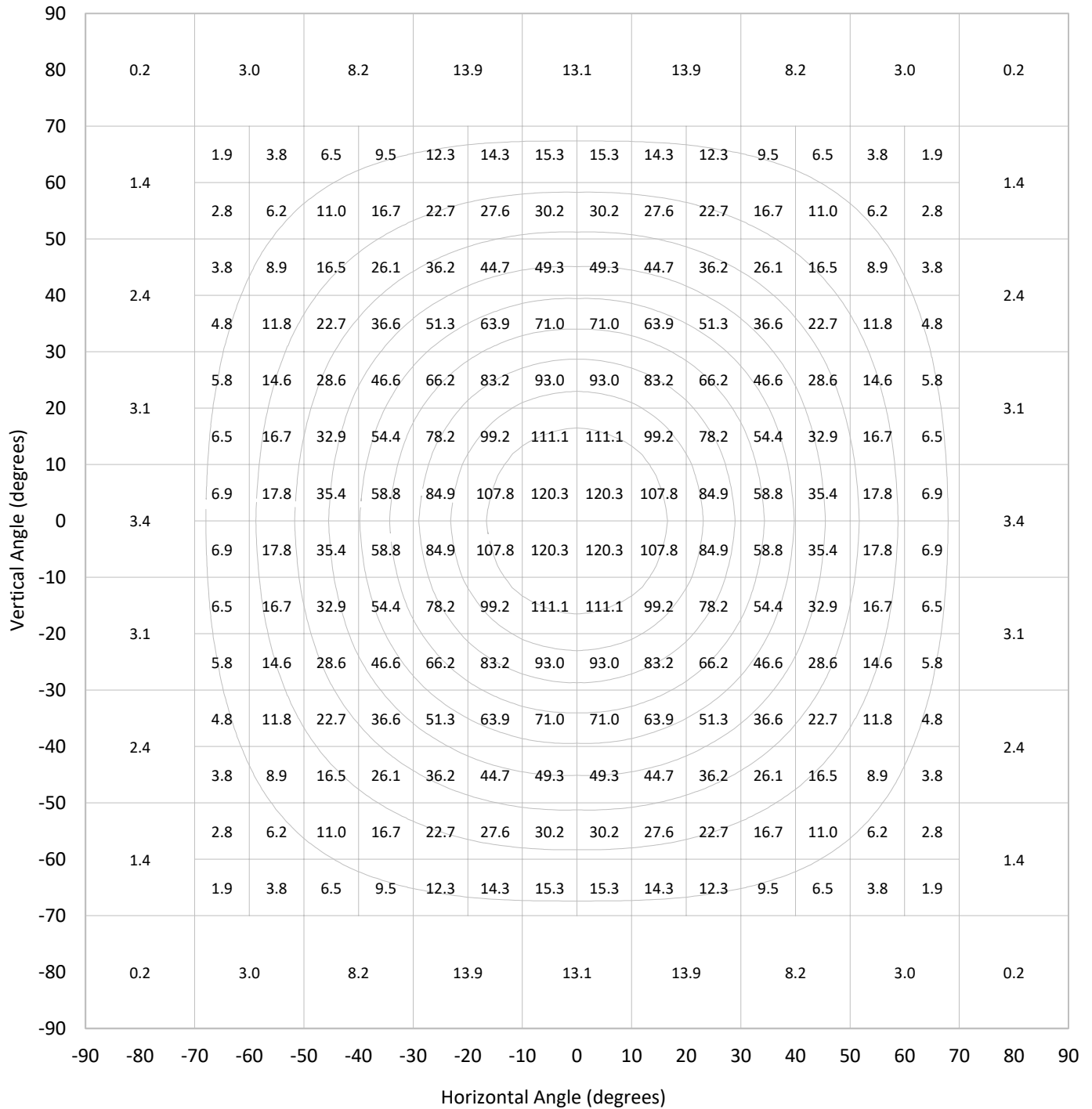
Iso-Candela Plot





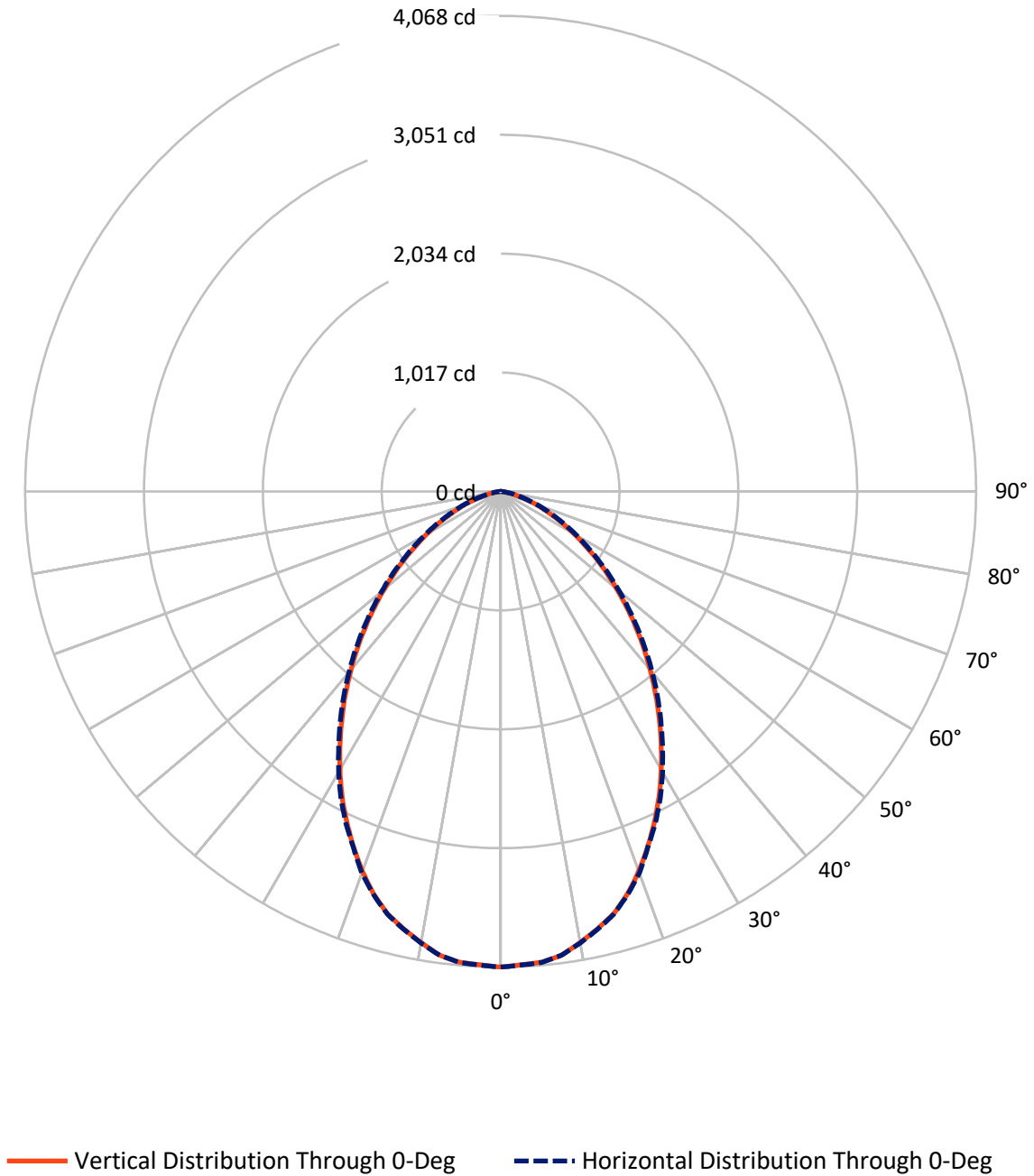
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Lumen Table



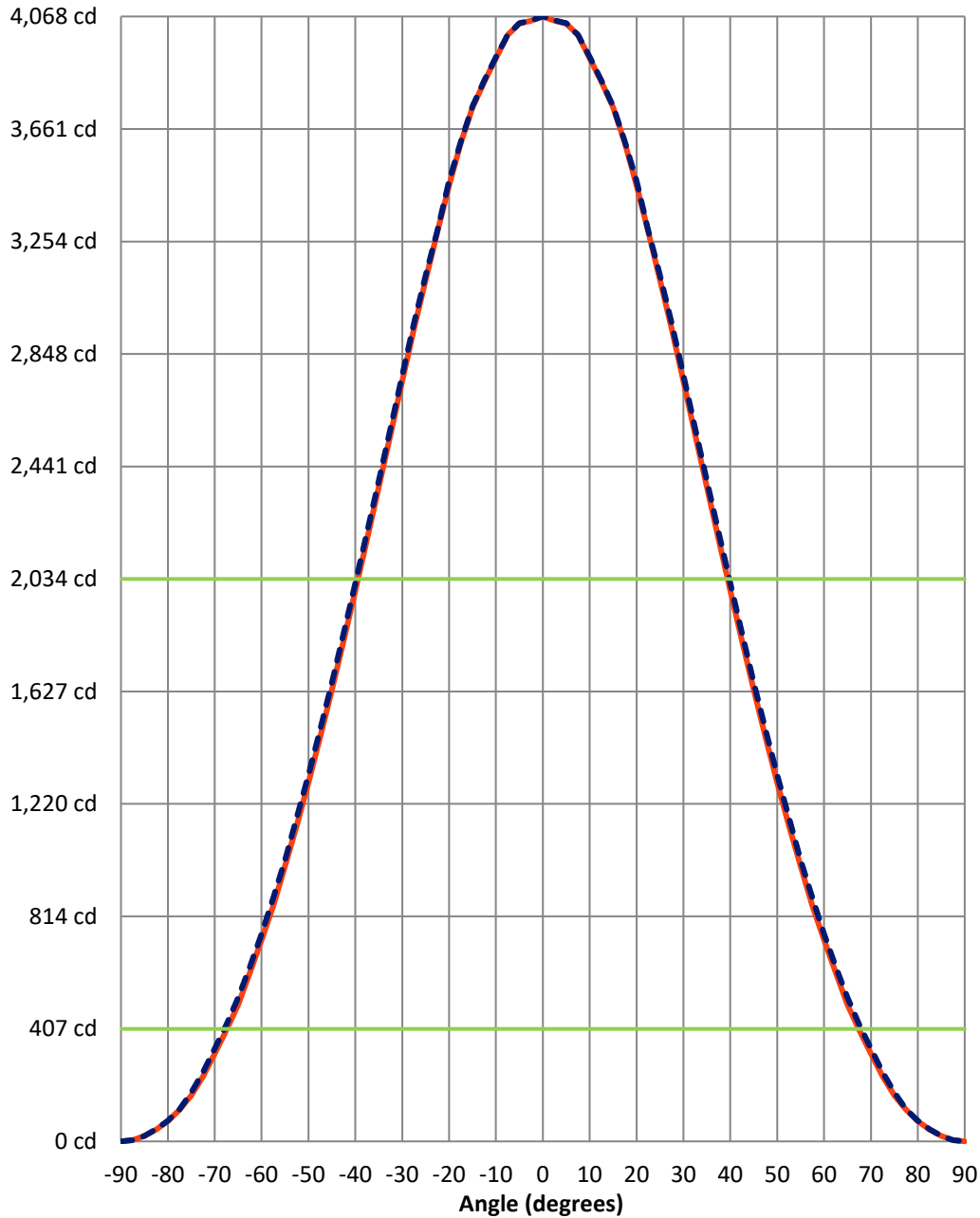
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 4312.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 7009.3
 Efficiency: 95.3%

Spill:
 Lumens: 343.1
 Efficiency: 4.7%

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

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Scaled Data Report



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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	0.2	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.7	5.5	6.9	10.8	14.6
80°	0.0	0.9	2.1	3.2	4.2	5.3	7.1	12.6	18.0	23.1	28.0
77.5°	0.0	1.2	2.6	4.0	5.3	8.2	15.5	22.4	29.0	35.3	43.1
75°	0.0	1.4	3.1	4.7	6.8	14.2	23.6	32.2	40.4	51.7	63.7
72.5°	0.0	1.6	3.6	5.5	10.9	20.1	31.5	42.6	55.5	69.3	83.8
70°	0.0	1.8	4.1	6.6	14.8	25.7	39.4	55.2	70.4	86.6	105.5
67.5°	0.0	2.0	4.6	9.0	18.6	31.1	49.0	67.5	84.9	105.3	127.0
65°	0.0	2.2	5.0	11.3	22.2	37.2	58.0	79.4	100.6	123.6	147.2
62.5°	0.0	2.4	5.5	13.6	25.7	43.8	66.7	91.9	115.8	141.0	165.2
60°	0.0	2.6	5.9	15.7	28.9	50.0	74.8	104.3	130.4	157.3	183.0
57.5°	0.0	2.8	7.1	17.7	33.2	55.9	83.4	115.8	144.7	173.3	199.9
55°	0.0	3.0	8.2	19.5	37.2	61.4	91.5	125.8	158.9	188.8	216.1
52.5°	0.0	3.2	9.4	21.2	41.0	66.6	99.0	136.2	172.7	203.0	231.9
50°	0.0	3.3	10.4	22.8	44.5	72.1	105.9	146.0	185.8	216.8	249.9
47.5°	0.0	3.5	11.4	24.4	47.7	77.2	112.3	155.1	197.7	230.2	267.6
45°	0.0	3.6	12.4	26.6	50.6	81.7	119.5	163.6	206.9	245.3	284.6
42.5°	0.0	3.8	13.3	28.5	53.1	85.7	126.1	171.3	215.8	259.8	304.5
40°	0.0	3.9	14.2	30.4	55.7	89.3	132.0	178.7	225.0	273.4	324.0
37.5°	0.0	4.0	15.0	32.4	58.2	92.3	137.4	185.7	235.3	286.3	342.2
35°	0.0	4.1	15.7	34.2	60.4	95.8	142.1	192.2	245.4	301.1	360.5
32.5°	0.0	4.2	16.4	35.8	62.2	99.3	146.5	198.4	255.2	315.3	380.0
30°	0.0	4.3	17.1	37.4	63.7	102.2	151.0	204.5	264.6	328.9	398.2
27.5°	0.0	4.4	17.6	38.7	65.8	104.7	155.1	211.6	274.3	341.9	415.0
25°	0.0	4.5	18.1	40.0	67.9	106.7	158.6	218.3	284.4	355.0	430.6
22.5°	0.0	4.5	18.6	41.1	69.7	108.6	161.7	224.3	293.7	367.4	447.2
20°	0.0	4.6	19.0	42.0	71.2	111.4	164.2	229.8	302.2	378.6	462.1
17.5°	0.0	4.6	19.3	42.8	72.5	113.6	167.4	234.6	309.7	388.3	475.3
15°	0.0	4.6	19.5	43.4	73.6	115.3	170.7	239.2	316.2	396.7	486.6
12.5°	0.0	4.6	19.7	43.9	74.4	116.5	173.4	243.5	322.2	403.6	496.1
10°	0.0	4.7	19.9	44.3	74.9	117.3	175.4	246.8	327.3	410.2	504.1
7.5°	0.0	4.7	19.9	44.5	75.2	117.6	176.8	249.2	331.2	415.4	511.0
5°	0.0	4.6	20.0	44.5	75.3	117.5	177.5	250.5	333.9	419.2	515.9
2.5°	0.0	4.6	19.9	44.4	75.1	116.9	177.6	250.8	335.3	421.5	518.9
0°	0.0	4.6	19.8	44.2	74.7	115.9	176.9	250.1	335.4	422.3	519.9
-2.5°	0.0	4.6	19.9	44.4	75.1	116.9	177.6	250.8	335.3	421.5	518.9
-5°	0.0	4.6	20.0	44.5	75.3	117.5	177.5	250.5	333.9	419.2	515.9
-7.5°	0.0	4.7	19.9	44.5	75.2	117.6	176.8	249.2	331.2	415.4	511.0
-10°	0.0	4.7	19.9	44.3	74.9	117.3	175.4	246.8	327.3	410.2	504.1
-12.5°	0.0	4.6	19.7	43.9	74.4	116.5	173.4	243.5	322.2	403.6	496.1
-15°	0.0	4.6	19.5	43.4	73.6	115.3	170.7	239.2	316.2	396.7	486.6
-17.5°	0.0	4.6	19.3	42.8	72.5	113.6	167.4	234.6	309.7	388.3	475.3
-20°	0.0	4.6	19.0	42.0	71.2	111.4	164.2	229.8	302.2	378.6	462.1



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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	4.5	18.6	41.1	69.7	108.6	161.7	224.3	293.7	367.4	447.2
-25°	0.0	4.5	18.1	40.0	67.9	106.7	158.6	218.3	284.4	355.0	430.6
-27.5°	0.0	4.4	17.6	38.7	65.8	104.7	155.1	211.6	274.3	341.9	415.0
-30°	0.0	4.3	17.1	37.4	63.7	102.2	151.0	204.5	264.6	328.9	398.2
-32.5°	0.0	4.2	16.4	35.8	62.2	99.3	146.5	198.4	255.2	315.3	380.0
-35°	0.0	4.1	15.7	34.2	60.4	95.8	142.1	192.2	245.4	301.1	360.5
-37.5°	0.0	4.0	15.0	32.4	58.2	92.3	137.4	185.7	235.3	286.3	342.2
-40°	0.0	3.9	14.2	30.4	55.7	89.3	132.0	178.7	225.0	273.4	324.0
-42.5°	0.0	3.8	13.3	28.5	53.1	85.7	126.1	171.3	215.8	259.8	304.5
-45°	0.0	3.6	12.4	26.6	50.6	81.7	119.5	163.6	206.9	245.3	284.6
-47.5°	0.0	3.5	11.4	24.4	47.7	77.2	112.3	155.1	197.7	230.2	267.6
-50°	0.0	3.3	10.4	22.8	44.5	72.1	105.9	146.0	185.8	216.8	249.9
-52.5°	0.0	3.2	9.4	21.2	41.0	66.6	99.0	136.2	172.7	203.0	231.9
-55°	0.0	3.0	8.2	19.5	37.2	61.4	91.5	125.8	158.9	188.8	216.1
-57.5°	0.0	2.8	7.1	17.7	33.2	55.9	83.4	115.8	144.7	173.3	199.9
-60°	0.0	2.6	5.9	15.7	28.9	50.0	74.8	104.3	130.4	157.3	183.0
-62.5°	0.0	2.4	5.5	13.6	25.7	43.8	66.7	91.9	115.8	141.0	165.2
-65°	0.0	2.2	5.0	11.3	22.2	37.2	58.0	79.4	100.6	123.6	147.2
-67.5°	0.0	2.0	4.6	9.0	18.6	31.1	49.0	67.5	84.9	105.3	127.0
-70°	0.0	1.8	4.1	6.6	14.8	25.7	39.4	55.2	70.4	86.6	105.5
-72.5°	0.0	1.6	3.6	5.5	10.9	20.1	31.5	42.6	55.5	69.3	83.8
-75°	0.0	1.4	3.1	4.7	6.8	14.2	23.6	32.2	40.4	51.7	63.7
-77.5°	0.0	1.2	2.6	4.0	5.3	8.2	15.5	22.4	29.0	35.3	43.1
-80°	0.0	0.9	2.1	3.2	4.2	5.3	7.1	12.6	18.0	23.1	28.0
-82.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.7	5.5	6.9	10.8	14.6
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.2	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.3	2.6
-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-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.4	3.9	4.4	4.4	4.4	4.4	4.3	4.5	4.7	4.8
85°	6.0	6.8	9.5	12.0	13.3	14.1	14.4	14.3	16.7	19.4	22.3
82.5°	18.5	22.4	26.0	29.5	30.4	30.4	30.1	30.2	35.7	42.0	48.4
80°	33.0	37.9	44.3	50.0	52.5	53.8	54.4	54.3	61.2	70.5	80.2
77.5°	52.4	60.6	67.7	73.7	77.0	79.9	82.2	84.0	92.9	104.6	116.2
75°	74.4	83.4	92.3	100.1	105.6	109.6	113.3	119.3	131.0	144.6	156.5
72.5°	97.7	109.2	119.1	127.6	135.2	143.3	152.3	162.2	174.5	188.1	200.6
70°	122.6	135.2	145.6	155.8	166.2	178.2	191.8	205.2	218.9	233.9	248.4
67.5°	146.9	159.1	171.3	184.2	199.7	215.9	231.9	250.3	269.2	285.9	300.8
65°	168.1	182.3	197.6	215.0	234.2	254.8	276.2	298.3	322.2	342.3	360.5
62.5°	188.3	205.4	224.0	245.6	270.1	294.5	321.8	349.5	376.4	400.0	421.8
60°	206.9	227.6	251.2	277.7	306.2	338.6	369.8	401.2	430.7	457.4	485.0
57.5°	225.0	251.1	279.3	311.2	347.3	383.7	420.2	454.1	487.5	520.0	551.2
55°	244.2	275.6	309.2	348.2	388.9	432.0	471.4	509.1	545.9	585.5	623.1
52.5°	265.2	300.3	342.4	386.1	433.1	479.3	522.6	565.6	610.1	654.9	703.8
50°	285.6	329.3	375.4	426.2	477.0	526.6	576.2	625.7	679.0	733.9	789.4
47.5°	309.3	357.1	411.5	466.0	521.5	576.7	632.0	691.8	752.4	816.0	877.3
45°	333.4	387.0	445.6	507.3	567.4	628.4	693.0	759.2	830.3	900.3	974.0
42.5°	356.2	416.8	481.4	548.1	614.8	683.0	754.1	831.4	909.0	989.8	1070.8
40°	381.4	445.1	516.4	589.8	662.2	737.8	819.1	902.8	990.6	1079.4	1167.4
37.5°	405.6	475.7	550.7	629.6	710.9	794.0	882.2	977.3	1072.5	1168.0	1265.1
35°	428.4	504.8	585.9	669.7	755.9	850.4	949.1	1050.5	1153.7	1257.0	1361.5
32.5°	451.7	532.1	619.6	709.3	804.3	905.6	1013.7	1123.6	1233.5	1343.8	1458.1
30°	475.2	560.8	652.2	746.7	850.6	961.0	1077.1	1193.6	1309.9	1431.2	1553.1
27.5°	497.3	588.1	684.2	785.4	895.0	1012.3	1135.6	1260.4	1385.7	1514.8	1644.7
25°	517.8	613.8	714.0	822.6	938.8	1061.7	1190.1	1320.4	1457.8	1595.9	1731.6
22.5°	537.6	637.5	741.5	856.9	978.4	1107.5	1241.3	1378.8	1522.4	1670.7	1811.2
20°	556.8	660.1	768.3	887.9	1014.0	1148.8	1287.8	1431.7	1582.4	1734.7	1885.8
17.5°	573.8	680.1	793.3	917.0	1047.9	1186.5	1329.6	1478.3	1635.7	1793.6	1953.7
15°	588.5	697.5	814.9	942.3	1077.8	1220.8	1368.5	1521.4	1682.9	1847.3	2013.7
12.5°	601.0	712.3	833.1	963.9	1103.3	1250.2	1401.9	1560.2	1726.0	1895.0	2066.2
10°	611.2	724.3	847.8	981.5	1124.0	1274.5	1429.5	1592.2	1763.0	1935.6	2110.4
7.5°	619.9	734.4	859.5	995.0	1140.0	1293.6	1450.9	1617.1	1792.4	1967.3	2145.9
5°	626.1	742.5	870.3	1006.4	1154.0	1308.5	1467.1	1634.9	1813.9	1989.9	2171.6
2.5°	629.9	747.8	877.5	1013.8	1164.9	1319.6	1481.5	1650.6	1829.7	2007.7	2191.0
0°	631.2	750.2	881.3	1017.0	1171.0	1325.0	1489.6	1658.9	1837.3	2018.7	2203.2
-2.5°	629.9	747.8	877.5	1013.8	1164.9	1319.6	1481.5	1650.6	1829.7	2007.7	2191.0
-5°	626.1	742.5	870.3	1006.4	1154.0	1308.5	1467.1	1634.9	1813.9	1989.9	2171.6
-7.5°	619.9	734.4	859.5	995.0	1140.0	1293.6	1450.9	1617.1	1792.4	1967.3	2145.9
-10°	611.2	724.3	847.8	981.5	1124.0	1274.5	1429.5	1592.2	1763.0	1935.6	2110.4
-12.5°	601.0	712.3	833.1	963.9	1103.3	1250.2	1401.9	1560.2	1726.0	1895.0	2066.2
-15°	588.5	697.5	814.9	942.3	1077.8	1220.8	1368.5	1521.4	1682.9	1847.3	2013.7
-17.5°	573.8	680.1	793.3	917.0	1047.9	1186.5	1329.6	1478.3	1635.7	1793.6	1953.7
-20°	556.8	660.1	768.3	887.9	1014.0	1148.8	1287.8	1431.7	1582.4	1734.7	1885.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	537.6	637.5	741.5	856.9	978.4	1107.5	1241.3	1378.8	1522.4	1670.7	1811.2
-25°	517.8	613.8	714.0	822.6	938.8	1061.7	1190.1	1320.4	1457.8	1595.9	1731.6
-27.5°	497.3	588.1	684.2	785.4	895.0	1012.3	1135.6	1260.4	1385.7	1514.8	1644.7
-30°	475.2	560.8	652.2	746.7	850.6	961.0	1077.1	1193.6	1309.9	1431.2	1553.1
-32.5°	451.7	532.1	619.6	709.3	804.3	905.6	1013.7	1123.6	1233.5	1343.8	1458.1
-35°	428.4	504.8	585.9	669.7	755.9	850.4	949.1	1050.5	1153.7	1257.0	1361.5
-37.5°	405.6	475.7	550.7	629.6	710.9	794.0	882.2	977.3	1072.5	1168.0	1265.1
-40°	381.4	445.1	516.4	589.8	662.2	737.8	819.1	902.8	990.6	1079.4	1167.4
-42.5°	356.2	416.8	481.4	548.1	614.8	683.0	754.1	831.4	909.0	989.8	1070.8
-45°	333.4	387.0	445.6	507.3	567.4	628.4	693.0	759.2	830.3	900.3	974.0
-47.5°	309.3	357.1	411.5	466.0	521.5	576.7	632.0	691.8	752.4	816.0	877.3
-50°	285.6	329.3	375.4	426.2	477.0	526.6	576.2	625.7	679.0	733.9	789.4
-52.5°	265.2	300.3	342.4	386.1	433.1	479.3	522.6	565.6	610.1	654.9	703.8
-55°	244.2	275.6	309.2	348.2	388.9	432.0	471.4	509.1	545.9	585.5	623.1
-57.5°	225.0	251.1	279.3	311.2	347.3	383.7	420.2	454.1	487.5	520.0	551.2
-60°	206.9	227.6	251.2	277.7	306.2	338.6	369.8	401.2	430.7	457.4	485.0
-62.5°	188.3	205.4	224.0	245.6	270.1	294.5	321.8	349.5	376.4	400.0	421.8
-65°	168.1	182.3	197.6	215.0	234.2	254.8	276.2	298.3	322.2	342.3	360.5
-67.5°	146.9	159.1	171.3	184.2	199.7	215.9	231.9	250.3	269.2	285.9	300.8
-70°	122.6	135.2	145.6	155.8	166.2	178.2	191.8	205.2	218.9	233.9	248.4
-72.5°	97.7	109.2	119.1	127.6	135.2	143.3	152.3	162.2	174.5	188.1	200.6
-75°	74.4	83.4	92.3	100.1	105.6	109.6	113.3	119.3	131.0	144.6	156.5
-77.5°	52.4	60.6	67.7	73.7	77.0	79.9	82.2	84.0	92.9	104.6	116.2
-80°	33.0	37.9	44.3	50.0	52.5	53.8	54.4	54.3	61.2	70.5	80.2
-82.5°	18.5	22.4	26.0	29.5	30.4	30.4	30.1	30.2	35.7	42.0	48.4
-85°	6.0	6.8	9.5	12.0	13.3	14.1	14.4	14.3	16.7	19.4	22.3
-87.5°	3.0	3.4	3.9	4.4	4.4	4.4	4.4	4.3	4.5	4.7	4.8
-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: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.6	5.3
85°	25.5	27.3	28.9	30.6	32.1	33.5	34.9	36.1	37.3	34.1	30.5
82.5°	55.0	59.4	63.6	67.8	71.9	73.0	73.3	73.1	72.5	66.9	60.6
80°	89.8	97.3	104.3	111.3	118.2	118.9	118.2	116.8	114.8	107.3	98.9
77.5°	127.7	137.1	145.4	152.9	159.8	161.1	160.9	160.6	160.0	152.4	143.2
75°	166.7	175.9	184.7	192.3	198.6	201.5	202.9	203.9	204.5	199.0	191.9
72.5°	211.8	221.3	229.2	236.5	242.7	247.2	250.4	252.9	254.5	252.9	250.0
70°	260.7	271.0	279.7	287.9	296.3	303.1	308.2	311.9	314.2	315.8	316.9
67.5°	315.9	329.6	341.7	352.0	362.2	371.7	379.5	385.9	390.8	395.0	398.3
65°	378.0	395.6	411.2	425.6	438.7	452.5	463.9	473.4	481.1	487.4	492.5
62.5°	443.3	464.9	485.0	504.4	523.5	542.3	556.7	569.8	581.5	591.5	599.5
60°	511.1	535.7	562.6	588.3	612.0	633.6	655.1	673.6	689.5	702.7	713.4
57.5°	584.1	615.9	647.3	679.3	709.4	737.6	764.1	787.4	807.1	823.3	836.8
55°	662.9	702.6	739.1	779.4	818.3	853.8	885.0	912.4	936.1	955.9	972.8
52.5°	749.5	797.8	845.2	891.1	935.2	976.3	1013.6	1045.6	1074.0	1098.3	1117.7
50°	844.3	899.6	954.6	1005.5	1056.2	1103.6	1146.4	1183.4	1216.5	1245.1	1267.6
47.5°	943.5	1006.4	1067.7	1126.1	1182.2	1234.9	1281.2	1323.4	1364.6	1398.2	1424.8
45°	1046.4	1117.0	1184.7	1251.4	1313.3	1372.2	1429.4	1481.9	1524.2	1561.3	1592.3
42.5°	1150.6	1229.3	1305.2	1377.9	1445.9	1514.1	1578.5	1636.0	1684.1	1726.2	1761.5
40°	1256.2	1342.3	1425.9	1505.2	1583.0	1657.4	1726.9	1787.5	1841.9	1891.9	1933.5
37.5°	1361.2	1456.0	1548.5	1637.4	1723.1	1803.6	1878.8	1947.3	2008.6	2065.6	2111.8
35°	1466.7	1570.7	1672.0	1769.8	1863.3	1952.3	2034.5	2112.5	2184.8	2242.5	2289.8
32.5°	1571.7	1683.6	1793.8	1901.5	2003.9	2099.8	2188.9	2275.0	2349.4	2412.8	2467.2
30°	1673.4	1794.6	1914.7	2031.4	2142.0	2245.9	2344.6	2435.6	2515.6	2584.9	2645.9
27.5°	1773.2	1903.4	2032.2	2156.9	2276.5	2389.4	2497.1	2595.8	2683.1	2758.4	2822.8
25°	1867.5	2007.4	2144.7	2277.0	2404.7	2529.2	2645.5	2753.3	2846.5	2929.2	2995.3
22.5°	1957.6	2106.8	2251.1	2390.2	2526.8	2661.0	2788.4	2900.9	2999.7	3086.2	3159.3
20°	2041.6	2201.4	2349.1	2496.2	2640.0	2783.3	2920.1	3038.8	3143.3	3235.4	3316.0
17.5°	2120.0	2284.0	2439.4	2596.1	2747.7	2898.1	3037.0	3164.2	3277.0	3374.8	3459.2
15°	2186.4	2352.0	2521.8	2689.0	2848.9	3001.2	3140.0	3272.9	3398.2	3503.9	3589.5
12.5°	2240.2	2412.5	2589.6	2767.1	2936.2	3088.2	3233.5	3368.4	3499.9	3618.7	3697.4
10°	2286.0	2463.4	2646.3	2827.3	2998.7	3159.5	3317.5	3460.1	3589.4	3695.7	3783.5
7.5°	2325.7	2508.4	2694.1	2875.4	3046.2	3212.4	3375.0	3526.5	3657.0	3757.1	3835.5
5°	2354.9	2542.0	2731.3	2914.3	3087.4	3254.2	3417.5	3567.1	3694.5	3796.4	3881.9
2.5°	2375.9	2564.7	2755.3	2938.6	3115.5	3282.8	3450.2	3601.4	3724.7	3818.1	3900.0
0°	2389.2	2578.3	2770.4	2958.0	3131.8	3293.4	3473.3	3615.1	3743.2	3836.2	3921.6
-2.5°	2375.9	2564.7	2755.3	2938.6	3115.5	3282.8	3450.2	3601.4	3724.7	3818.1	3900.0
-5°	2354.9	2542.0	2731.3	2914.3	3087.4	3254.2	3417.5	3567.1	3694.5	3796.4	3881.9
-7.5°	2325.7	2508.4	2694.1	2875.4	3046.2	3212.4	3375.0	3526.5	3657.0	3757.1	3835.5
-10°	2286.0	2463.4	2646.3	2827.3	2998.7	3159.5	3317.5	3460.1	3589.4	3695.7	3783.5
-12.5°	2240.2	2412.5	2589.6	2767.1	2936.2	3088.2	3233.5	3368.4	3499.9	3618.7	3697.4
-15°	2186.4	2352.0	2521.8	2689.0	2848.9	3001.2	3140.0	3272.9	3398.2	3503.9	3589.5
-17.5°	2120.0	2284.0	2439.4	2596.1	2747.7	2898.1	3037.0	3164.2	3277.0	3374.8	3459.2
-20°	2041.6	2201.4	2349.1	2496.2	2640.0	2783.3	2920.1	3038.8	3143.3	3235.4	3316.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1957.6	2106.8	2251.1	2390.2	2526.8	2661.0	2788.4	2900.9	2999.7	3086.2	3159.3
-25°	1867.5	2007.4	2144.7	2277.0	2404.7	2529.2	2645.5	2753.3	2846.5	2929.2	2995.3
-27.5°	1773.2	1903.4	2032.2	2156.9	2276.5	2389.4	2497.1	2595.8	2683.1	2758.4	2822.8
-30°	1673.4	1794.6	1914.7	2031.4	2142.0	2245.9	2344.6	2435.6	2515.6	2584.9	2645.9
-32.5°	1571.7	1683.6	1793.8	1901.5	2003.9	2099.8	2188.9	2275.0	2349.4	2412.8	2467.2
-35°	1466.7	1570.7	1672.0	1769.8	1863.3	1952.3	2034.5	2112.5	2184.8	2242.5	2289.8
-37.5°	1361.2	1456.0	1548.5	1637.4	1723.1	1803.6	1878.8	1947.3	2008.6	2065.6	2111.8
-40°	1256.2	1342.3	1425.9	1505.2	1583.0	1657.4	1726.9	1787.5	1841.9	1891.9	1933.5
-42.5°	1150.6	1229.3	1305.2	1377.9	1445.9	1514.1	1578.5	1636.0	1684.1	1726.2	1761.5
-45°	1046.4	1117.0	1184.7	1251.4	1313.3	1372.2	1429.4	1481.9	1524.2	1561.3	1592.3
-47.5°	943.5	1006.4	1067.7	1126.1	1182.2	1234.9	1281.2	1323.4	1364.6	1398.2	1424.8
-50°	844.3	899.6	954.6	1005.5	1056.2	1103.6	1146.4	1183.4	1216.5	1245.1	1267.6
-52.5°	749.5	797.8	845.2	891.1	935.2	976.3	1013.6	1045.6	1074.0	1098.3	1117.7
-55°	662.9	702.6	739.1	779.4	818.3	853.8	885.0	912.4	936.1	955.9	972.8
-57.5°	584.1	615.9	647.3	679.3	709.4	737.6	764.1	787.4	807.1	823.3	836.8
-60°	511.1	535.7	562.6	588.3	612.0	633.6	655.1	673.6	689.5	702.7	713.4
-62.5°	443.3	464.9	485.0	504.4	523.5	542.3	556.7	569.8	581.5	591.5	599.5
-65°	378.0	395.6	411.2	425.6	438.7	452.5	463.9	473.4	481.1	487.4	492.5
-67.5°	315.9	329.6	341.7	352.0	362.2	371.7	379.5	385.9	390.8	395.0	398.3
-70°	260.7	271.0	279.7	287.9	296.3	303.1	308.2	311.9	314.2	315.8	316.9
-72.5°	211.8	221.3	229.2	236.5	242.7	247.2	250.4	252.9	254.5	252.9	250.0
-75°	166.7	175.9	184.7	192.3	198.6	201.5	202.9	203.9	204.5	199.0	191.9
-77.5°	127.7	137.1	145.4	152.9	159.8	161.1	160.9	160.6	160.0	152.4	143.2
-80°	89.8	97.3	104.3	111.3	118.2	118.9	118.2	116.8	114.8	107.3	98.9
-82.5°	55.0	59.4	63.6	67.8	71.9	73.0	73.3	73.1	72.5	66.9	60.6
-85°	25.5	27.3	28.9	30.6	32.1	33.5	34.9	36.1	37.3	34.1	30.5
-87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.6	5.3
-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: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	4.6	4.6	4.6	4.6	4.6	4.9	5.3	5.6	5.9	5.8
85°	26.7	22.8	21.3	19.8	21.3	22.8	26.7	30.5	34.1	37.3	36.1
82.5°	54.0	47.1	45.0	42.7	45.0	47.1	54.0	60.6	66.9	72.5	73.1
80°	89.9	80.6	76.9	73.2	76.9	80.6	89.9	98.9	107.3	114.8	116.8
77.5°	133.4	123.2	118.9	114.4	118.9	123.2	133.4	143.2	152.4	160.0	160.6
75°	184.3	176.3	171.4	166.2	171.4	176.3	184.3	191.9	199.0	204.5	203.9
72.5°	246.6	242.7	239.2	234.8	239.2	242.7	246.6	250.0	252.9	254.5	252.9
70°	317.2	316.7	317.3	317.1	317.3	316.7	317.2	316.9	315.8	314.2	311.9
67.5°	399.9	400.0	401.7	402.5	401.7	400.0	399.9	398.3	395.0	390.8	385.9
65°	495.7	496.8	496.4	494.0	496.4	496.8	495.7	492.5	487.4	481.1	473.4
62.5°	605.2	608.5	610.3	609.9	610.3	608.5	605.2	599.5	591.5	581.5	569.8
60°	721.3	726.5	729.1	728.8	729.1	726.5	721.3	713.4	702.7	689.5	673.6
57.5°	846.9	853.5	855.1	852.3	855.1	853.5	846.9	836.8	823.3	807.1	787.4
55°	985.5	993.9	997.1	995.6	997.1	993.9	985.5	972.8	955.9	936.1	912.4
52.5°	1131.9	1141.1	1144.3	1142.0	1144.3	1141.1	1131.9	1117.7	1098.3	1074.0	1045.6
50°	1284.1	1295.2	1299.7	1297.5	1299.7	1295.2	1284.1	1267.6	1245.1	1216.5	1183.4
47.5°	1445.6	1460.4	1466.1	1462.2	1466.1	1460.4	1445.6	1424.8	1398.2	1364.6	1323.4
45°	1615.5	1630.8	1636.8	1633.0	1636.8	1630.8	1615.5	1592.3	1561.3	1524.2	1481.9
42.5°	1788.5	1808.4	1816.8	1809.8	1816.8	1808.4	1788.5	1761.5	1726.2	1684.1	1636.0
40°	1964.6	1986.2	1996.1	1991.3	1996.1	1986.2	1964.6	1933.5	1891.9	1841.9	1787.5
37.5°	2145.2	2166.6	2177.2	2177.3	2177.2	2166.6	2145.2	2111.8	2065.6	2008.6	1947.3
35°	2326.4	2352.4	2367.1	2366.4	2367.1	2352.4	2326.4	2289.8	2242.5	2184.8	2112.5
32.5°	2510.2	2538.3	2553.3	2555.4	2553.3	2538.3	2510.2	2467.2	2412.8	2349.4	2275.0
30°	2693.6	2724.6	2742.0	2749.1	2742.0	2724.6	2693.6	2645.9	2584.9	2515.6	2435.6
27.5°	2871.5	2909.6	2935.8	2938.1	2935.8	2909.6	2871.5	2822.8	2758.4	2683.1	2595.8
25°	3043.8	3082.6	3109.5	3115.0	3109.5	3082.6	3043.8	2995.3	2929.2	2846.5	2753.3
22.5°	3213.7	3254.2	3279.0	3288.8	3279.0	3254.2	3213.7	3159.3	3086.2	2999.7	2900.9
20°	3375.7	3419.7	3446.0	3456.5	3446.0	3419.7	3375.7	3316.0	3235.4	3143.3	3038.8
17.5°	3522.4	3568.8	3601.4	3610.5	3601.4	3568.8	3522.4	3459.2	3374.8	3277.0	3164.2
15°	3651.5	3695.5	3726.4	3738.6	3726.4	3695.5	3651.5	3589.5	3503.9	3398.2	3272.9
12.5°	3756.5	3795.9	3820.1	3831.6	3820.1	3795.9	3756.5	3697.4	3618.7	3499.9	3368.4
10°	3838.6	3878.1	3901.2	3917.0	3901.2	3878.1	3838.6	3783.5	3695.7	3589.4	3460.1
7.5°	3909.8	3950.3	3978.6	4000.9	3978.6	3950.3	3909.8	3835.5	3757.1	3657.0	3526.5
5°	3949.2	4016.7	4026.9	4042.0	4026.9	4016.7	3949.2	3881.9	3796.4	3694.5	3567.1
2.5°	3979.2	4027.1	4055.9	4052.7	4055.9	4027.1	3979.2	3900.0	3818.1	3724.7	3601.4
0°	4000.9	4043.6	4054.2	4067.9	4054.2	4043.6	4000.9	3921.6	3836.2	3743.2	3615.1
-2.5°	3979.2	4027.1	4055.9	4052.7	4055.9	4027.1	3979.2	3900.0	3818.1	3724.7	3601.4
-5°	3949.2	4016.7	4026.9	4042.0	4026.9	4016.7	3949.2	3881.9	3796.4	3694.5	3567.1
-7.5°	3909.8	3950.3	3978.6	4000.9	3978.6	3950.3	3909.8	3835.5	3757.1	3657.0	3526.5
-10°	3838.6	3878.1	3901.2	3917.0	3901.2	3878.1	3838.6	3783.5	3695.7	3589.4	3460.1
-12.5°	3756.5	3795.9	3820.1	3831.6	3820.1	3795.9	3756.5	3697.4	3618.7	3499.9	3368.4
-15°	3651.5	3695.5	3726.4	3738.6	3726.4	3695.5	3651.5	3589.5	3503.9	3398.2	3272.9
-17.5°	3522.4	3568.8	3601.4	3610.5	3601.4	3568.8	3522.4	3459.2	3374.8	3277.0	3164.2
-20°	3375.7	3419.7	3446.0	3456.5	3446.0	3419.7	3375.7	3316.0	3235.4	3143.3	3038.8



REPORT NUMBER: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3213.7	3254.2	3279.0	3288.8	3279.0	3254.2	3213.7	3159.3	3086.2	2999.7	2900.9
-25°	3043.8	3082.6	3109.5	3115.0	3109.5	3082.6	3043.8	2995.3	2929.2	2846.5	2753.3
-27.5°	2871.5	2909.6	2935.8	2938.1	2935.8	2909.6	2871.5	2822.8	2758.4	2683.1	2595.8
-30°	2693.6	2724.6	2742.0	2749.1	2742.0	2724.6	2693.6	2645.9	2584.9	2515.6	2435.6
-32.5°	2510.2	2538.3	2553.3	2555.4	2553.3	2538.3	2510.2	2467.2	2412.8	2349.4	2275.0
-35°	2326.4	2352.4	2367.1	2366.4	2367.1	2352.4	2326.4	2289.8	2242.5	2184.8	2112.5
-37.5°	2145.2	2166.6	2177.2	2177.3	2177.2	2166.6	2145.2	2111.8	2065.6	2008.6	1947.3
-40°	1964.6	1986.2	1996.1	1991.3	1996.1	1986.2	1964.6	1933.5	1891.9	1841.9	1787.5
-42.5°	1788.5	1808.4	1816.8	1809.8	1816.8	1808.4	1788.5	1761.5	1726.2	1684.1	1636.0
-45°	1615.5	1630.8	1636.8	1633.0	1636.8	1630.8	1615.5	1592.3	1561.3	1524.2	1481.9
-47.5°	1445.6	1460.4	1466.1	1462.2	1466.1	1460.4	1445.6	1424.8	1398.2	1364.6	1323.4
-50°	1284.1	1295.2	1299.7	1297.5	1299.7	1295.2	1284.1	1267.6	1245.1	1216.5	1183.4
-52.5°	1131.9	1141.1	1144.3	1142.0	1144.3	1141.1	1131.9	1117.7	1098.3	1074.0	1045.6
-55°	985.5	993.9	997.1	995.6	997.1	993.9	985.5	972.8	955.9	936.1	912.4
-57.5°	846.9	853.5	855.1	852.3	855.1	853.5	846.9	836.8	823.3	807.1	787.4
-60°	721.3	726.5	729.1	728.8	729.1	726.5	721.3	713.4	702.7	689.5	673.6
-62.5°	605.2	608.5	610.3	609.9	610.3	608.5	605.2	599.5	591.5	581.5	569.8
-65°	495.7	496.8	496.4	494.0	496.4	496.8	495.7	492.5	487.4	481.1	473.4
-67.5°	399.9	400.0	401.7	402.5	401.7	400.0	399.9	398.3	395.0	390.8	385.9
-70°	317.2	316.7	317.3	317.1	317.3	316.7	317.2	316.9	315.8	314.2	311.9
-72.5°	246.6	242.7	239.2	234.8	239.2	242.7	246.6	250.0	252.9	254.5	252.9
-75°	184.3	176.3	171.4	166.2	171.4	176.3	184.3	191.9	199.0	204.5	203.9
-77.5°	133.4	123.2	118.9	114.4	118.9	123.2	133.4	143.2	152.4	160.0	160.6
-80°	89.9	80.6	76.9	73.2	76.9	80.6	89.9	98.9	107.3	114.8	116.8
-82.5°	54.0	47.1	45.0	42.7	45.0	47.1	54.0	60.6	66.9	72.5	73.1
-85°	26.7	22.8	21.3	19.8	21.3	22.8	26.7	30.5	34.1	37.3	36.1
-87.5°	4.9	4.6	4.6	4.6	4.6	4.6	4.9	5.3	5.6	5.9	5.8
-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: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
85°	34.9	33.5	32.1	30.6	28.9	27.3	25.5	22.3	19.4	16.7	14.3
82.5°	73.3	73.0	71.9	67.8	63.6	59.4	55.0	48.4	42.0	35.7	30.2
80°	118.2	118.9	118.2	111.3	104.3	97.3	89.8	80.2	70.5	61.2	54.3
77.5°	160.9	161.1	159.8	152.9	145.4	137.1	127.7	116.2	104.6	92.9	84.0
75°	202.9	201.5	198.6	192.3	184.7	175.9	166.7	156.5	144.6	131.0	119.3
72.5°	250.4	247.2	242.7	236.5	229.2	221.3	211.8	200.6	188.1	174.5	162.2
70°	308.2	303.1	296.3	287.9	279.7	271.0	260.7	248.4	233.9	218.9	205.2
67.5°	379.5	371.7	362.2	352.0	341.7	329.6	315.9	300.8	285.9	269.2	250.3
65°	463.9	452.5	438.7	425.6	411.2	395.6	378.0	360.5	342.3	322.2	298.3
62.5°	556.7	542.3	523.5	504.4	485.0	464.9	443.3	421.8	400.0	376.4	349.5
60°	655.1	633.6	612.0	588.3	562.6	535.7	511.1	485.0	457.4	430.7	401.2
57.5°	764.1	737.6	709.4	679.3	647.3	615.9	584.1	551.2	520.0	487.5	454.1
55°	885.0	853.8	818.3	779.4	739.1	702.6	662.9	623.1	585.5	545.9	509.1
52.5°	1013.6	976.3	935.2	891.1	845.2	797.8	749.5	703.8	654.9	610.1	565.6
50°	1146.4	1103.6	1056.2	1005.5	954.6	899.6	844.3	789.4	733.9	679.0	625.7
47.5°	1281.2	1234.9	1182.2	1126.1	1067.7	1006.4	943.5	877.3	816.0	752.4	691.8
45°	1429.4	1372.2	1313.3	1251.4	1184.7	1117.0	1046.4	974.0	900.3	830.3	759.2
42.5°	1578.5	1514.1	1445.9	1377.9	1305.2	1229.3	1150.6	1070.8	989.8	909.0	831.4
40°	1726.9	1657.4	1583.0	1505.2	1425.9	1342.3	1256.2	1167.4	1079.4	990.6	902.8
37.5°	1878.8	1803.6	1723.1	1637.4	1548.5	1456.0	1361.2	1265.1	1168.0	1072.5	977.3
35°	2034.5	1952.3	1863.3	1769.8	1672.0	1570.7	1466.7	1361.5	1257.0	1153.7	1050.5
32.5°	2188.9	2099.8	2003.9	1901.5	1793.8	1683.6	1571.7	1458.1	1343.8	1233.5	1123.6
30°	2344.6	2245.9	2142.0	2031.4	1914.7	1794.6	1673.4	1553.1	1431.2	1309.9	1193.6
27.5°	2497.1	2389.4	2276.5	2156.9	2032.2	1903.4	1773.2	1644.7	1514.8	1385.7	1260.4
25°	2645.5	2529.2	2404.7	2277.0	2144.7	2007.4	1867.5	1731.6	1595.9	1457.8	1320.4
22.5°	2788.4	2661.0	2526.8	2390.2	2251.1	2106.8	1957.6	1811.2	1670.7	1522.4	1378.8
20°	2920.1	2783.3	2640.0	2496.2	2349.1	2201.4	2041.6	1885.8	1734.7	1582.4	1431.7
17.5°	3037.0	2898.1	2747.7	2596.1	2439.4	2284.0	2120.0	1953.7	1793.6	1635.7	1478.3
15°	3140.0	3001.2	2848.9	2689.0	2521.8	2352.0	2186.4	2013.7	1847.3	1682.9	1521.4
12.5°	3233.5	3088.2	2936.2	2767.1	2589.6	2412.5	2240.2	2066.2	1895.0	1726.0	1560.2
10°	3317.5	3159.5	2998.7	2827.3	2646.3	2463.4	2286.0	2110.4	1935.6	1763.0	1592.2
7.5°	3375.0	3212.4	3046.2	2875.4	2694.1	2508.4	2325.7	2145.9	1967.3	1792.4	1617.1
5°	3417.5	3254.2	3087.4	2914.3	2731.3	2542.0	2354.9	2171.6	1989.9	1813.9	1634.9
2.5°	3450.2	3282.8	3115.5	2938.6	2755.3	2564.7	2375.9	2191.0	2007.7	1829.7	1650.6
0°	3473.3	3293.4	3131.8	2958.0	2770.4	2578.3	2389.2	2203.2	2018.7	1837.3	1658.9
-2.5°	3450.2	3282.8	3115.5	2938.6	2755.3	2564.7	2375.9	2191.0	2007.7	1829.7	1650.6
-5°	3417.5	3254.2	3087.4	2914.3	2731.3	2542.0	2354.9	2171.6	1989.9	1813.9	1634.9
-7.5°	3375.0	3212.4	3046.2	2875.4	2694.1	2508.4	2325.7	2145.9	1967.3	1792.4	1617.1
-10°	3317.5	3159.5	2998.7	2827.3	2646.3	2463.4	2286.0	2110.4	1935.6	1763.0	1592.2
-12.5°	3233.5	3088.2	2936.2	2767.1	2589.6	2412.5	2240.2	2066.2	1895.0	1726.0	1560.2
-15°	3140.0	3001.2	2848.9	2689.0	2521.8	2352.0	2186.4	2013.7	1847.3	1682.9	1521.4
-17.5°	3037.0	2898.1	2747.7	2596.1	2439.4	2284.0	2120.0	1953.7	1793.6	1635.7	1478.3
-20°	2920.1	2783.3	2640.0	2496.2	2349.1	2201.4	2041.6	1885.8	1734.7	1582.4	1431.7



REPORT NUMBER: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2788.4	2661.0	2526.8	2390.2	2251.1	2106.8	1957.6	1811.2	1670.7	1522.4	1378.8
-25°	2645.5	2529.2	2404.7	2277.0	2144.7	2007.4	1867.5	1731.6	1595.9	1457.8	1320.4
-27.5°	2497.1	2389.4	2276.5	2156.9	2032.2	1903.4	1773.2	1644.7	1514.8	1385.7	1260.4
-30°	2344.6	2245.9	2142.0	2031.4	1914.7	1794.6	1673.4	1553.1	1431.2	1309.9	1193.6
-32.5°	2188.9	2099.8	2003.9	1901.5	1793.8	1683.6	1571.7	1458.1	1343.8	1233.5	1123.6
-35°	2034.5	1952.3	1863.3	1769.8	1672.0	1570.7	1466.7	1361.5	1257.0	1153.7	1050.5
-37.5°	1878.8	1803.6	1723.1	1637.4	1548.5	1456.0	1361.2	1265.1	1168.0	1072.5	977.3
-40°	1726.9	1657.4	1583.0	1505.2	1425.9	1342.3	1256.2	1167.4	1079.4	990.6	902.8
-42.5°	1578.5	1514.1	1445.9	1377.9	1305.2	1229.3	1150.6	1070.8	989.8	909.0	831.4
-45°	1429.4	1372.2	1313.3	1251.4	1184.7	1117.0	1046.4	974.0	900.3	830.3	759.2
-47.5°	1281.2	1234.9	1182.2	1126.1	1067.7	1006.4	943.5	877.3	816.0	752.4	691.8
-50°	1146.4	1103.6	1056.2	1005.5	954.6	899.6	844.3	789.4	733.9	679.0	625.7
-52.5°	1013.6	976.3	935.2	891.1	845.2	797.8	749.5	703.8	654.9	610.1	565.6
-55°	885.0	853.8	818.3	779.4	739.1	702.6	662.9	623.1	585.5	545.9	509.1
-57.5°	764.1	737.6	709.4	679.3	647.3	615.9	584.1	551.2	520.0	487.5	454.1
-60°	655.1	633.6	612.0	588.3	562.6	535.7	511.1	485.0	457.4	430.7	401.2
-62.5°	556.7	542.3	523.5	504.4	485.0	464.9	443.3	421.8	400.0	376.4	349.5
-65°	463.9	452.5	438.7	425.6	411.2	395.6	378.0	360.5	342.3	322.2	298.3
-67.5°	379.5	371.7	362.2	352.0	341.7	329.6	315.9	300.8	285.9	269.2	250.3
-70°	308.2	303.1	296.3	287.9	279.7	271.0	260.7	248.4	233.9	218.9	205.2
-72.5°	250.4	247.2	242.7	236.5	229.2	221.3	211.8	200.6	188.1	174.5	162.2
-75°	202.9	201.5	198.6	192.3	184.7	175.9	166.7	156.5	144.6	131.0	119.3
-77.5°	160.9	161.1	159.8	152.9	145.4	137.1	127.7	116.2	104.6	92.9	84.0
-80°	118.2	118.9	118.2	111.3	104.3	97.3	89.8	80.2	70.5	61.2	54.3
-82.5°	73.3	73.0	71.9	67.8	63.6	59.4	55.0	48.4	42.0	35.7	30.2
-85°	34.9	33.5	32.1	30.6	28.9	27.3	25.5	22.3	19.4	16.7	14.3
-87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
-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: P626761 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.4	4.4	4.4	3.9	3.4	3.0	2.6	2.3	2.1	1.8
85°	14.4	14.1	13.3	12.0	9.5	6.8	6.0	5.2	4.7	4.2	3.7
82.5°	30.1	30.4	30.4	29.5	26.0	22.4	18.5	14.6	10.8	6.9	5.5
80°	54.4	53.8	52.5	50.0	44.3	37.9	33.0	28.0	23.1	18.0	12.6
77.5°	82.2	79.9	77.0	73.7	67.7	60.6	52.4	43.1	35.3	29.0	22.4
75°	113.3	109.6	105.6	100.1	92.3	83.4	74.4	63.7	51.7	40.4	32.2
72.5°	152.3	143.3	135.2	127.6	119.1	109.2	97.7	83.8	69.3	55.5	42.6
70°	191.8	178.2	166.2	155.8	145.6	135.2	122.6	105.5	86.6	70.4	55.2
67.5°	231.9	215.9	199.7	184.2	171.3	159.1	146.9	127.0	105.3	84.9	67.5
65°	276.2	254.8	234.2	215.0	197.6	182.3	168.1	147.2	123.6	100.6	79.4
62.5°	321.8	294.5	270.1	245.6	224.0	205.4	188.3	165.2	141.0	115.8	91.9
60°	369.8	338.6	306.2	277.7	251.2	227.6	206.9	183.0	157.3	130.4	104.3
57.5°	420.2	383.7	347.3	311.2	279.3	251.1	225.0	199.9	173.3	144.7	115.8
55°	471.4	432.0	388.9	348.2	309.2	275.6	244.2	216.1	188.8	158.9	125.8
52.5°	522.6	479.3	433.1	386.1	342.4	300.3	265.2	231.9	203.0	172.7	136.2
50°	576.2	526.6	477.0	426.2	375.4	329.3	285.6	249.9	216.8	185.8	146.0
47.5°	632.0	576.7	521.5	466.0	411.5	357.1	309.3	267.6	230.2	197.7	155.1
45°	693.0	628.4	567.4	507.3	445.6	387.0	333.4	284.6	245.3	206.9	163.6
42.5°	754.1	683.0	614.8	548.1	481.4	416.8	356.2	304.5	259.8	215.8	171.3
40°	819.1	737.8	662.2	589.8	516.4	445.1	381.4	324.0	273.4	225.0	178.7
37.5°	882.2	794.0	710.9	629.6	550.7	475.7	405.6	342.2	286.3	235.3	185.7
35°	949.1	850.4	755.9	669.7	585.9	504.8	428.4	360.5	301.1	245.4	192.2
32.5°	1013.7	905.6	804.3	709.3	619.6	532.1	451.7	380.0	315.3	255.2	198.4
30°	1077.1	961.0	850.6	746.7	652.2	560.8	475.2	398.2	328.9	264.6	204.5
27.5°	1135.6	1012.3	895.0	785.4	684.2	588.1	497.3	415.0	341.9	274.3	211.6
25°	1190.1	1061.7	938.8	822.6	714.0	613.8	517.8	430.6	355.0	284.4	218.3
22.5°	1241.3	1107.5	978.4	856.9	741.5	637.5	537.6	447.2	367.4	293.7	224.3
20°	1287.8	1148.8	1014.0	887.9	768.3	660.1	556.8	462.1	378.6	302.2	229.8
17.5°	1329.6	1186.5	1047.9	917.0	793.3	680.1	573.8	475.3	388.3	309.7	234.6
15°	1368.5	1220.8	1077.8	942.3	814.9	697.5	588.5	486.6	396.7	316.2	239.2
12.5°	1401.9	1250.2	1103.3	963.9	833.1	712.3	601.0	496.1	403.6	322.2	243.5
10°	1429.5	1274.5	1124.0	981.5	847.8	724.3	611.2	504.1	410.2	327.3	246.8
7.5°	1450.9	1293.6	1140.0	995.0	859.5	734.4	619.9	511.0	415.4	331.2	249.2
5°	1467.1	1308.5	1154.0	1006.4	870.3	742.5	626.1	515.9	419.2	333.9	250.5
2.5°	1481.5	1319.6	1164.9	1013.8	877.5	747.8	629.9	518.9	421.5	335.3	250.8
0°	1489.6	1325.0	1171.0	1017.0	881.3	750.2	631.2	519.9	422.3	335.4	250.1
-2.5°	1481.5	1319.6	1164.9	1013.8	877.5	747.8	629.9	518.9	421.5	335.3	250.8
-5°	1467.1	1308.5	1154.0	1006.4	870.3	742.5	626.1	515.9	419.2	333.9	250.5
-7.5°	1450.9	1293.6	1140.0	995.0	859.5	734.4	619.9	511.0	415.4	331.2	249.2
-10°	1429.5	1274.5	1124.0	981.5	847.8	724.3	611.2	504.1	410.2	327.3	246.8
-12.5°	1401.9	1250.2	1103.3	963.9	833.1	712.3	601.0	496.1	403.6	322.2	243.5
-15°	1368.5	1220.8	1077.8	942.3	814.9	697.5	588.5	486.6	396.7	316.2	239.2
-17.5°	1329.6	1186.5	1047.9	917.0	793.3	680.1	573.8	475.3	388.3	309.7	234.6
-20°	1287.8	1148.8	1014.0	887.9	768.3	660.1	556.8	462.1	378.6	302.2	229.8



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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°	1241.3	1107.5	978.4	856.9	741.5	637.5	537.6	447.2	367.4	293.7	224.3
-25°	1190.1	1061.7	938.8	822.6	714.0	613.8	517.8	430.6	355.0	284.4	218.3
-27.5°	1135.6	1012.3	895.0	785.4	684.2	588.1	497.3	415.0	341.9	274.3	211.6
-30°	1077.1	961.0	850.6	746.7	652.2	560.8	475.2	398.2	328.9	264.6	204.5
-32.5°	1013.7	905.6	804.3	709.3	619.6	532.1	451.7	380.0	315.3	255.2	198.4
-35°	949.1	850.4	755.9	669.7	585.9	504.8	428.4	360.5	301.1	245.4	192.2
-37.5°	882.2	794.0	710.9	629.6	550.7	475.7	405.6	342.2	286.3	235.3	185.7
-40°	819.1	737.8	662.2	589.8	516.4	445.1	381.4	324.0	273.4	225.0	178.7
-42.5°	754.1	683.0	614.8	548.1	481.4	416.8	356.2	304.5	259.8	215.8	171.3
-45°	693.0	628.4	567.4	507.3	445.6	387.0	333.4	284.6	245.3	206.9	163.6
-47.5°	632.0	576.7	521.5	466.0	411.5	357.1	309.3	267.6	230.2	197.7	155.1
-50°	576.2	526.6	477.0	426.2	375.4	329.3	285.6	249.9	216.8	185.8	146.0
-52.5°	522.6	479.3	433.1	386.1	342.4	300.3	265.2	231.9	203.0	172.7	136.2
-55°	471.4	432.0	388.9	348.2	309.2	275.6	244.2	216.1	188.8	158.9	125.8
-57.5°	420.2	383.7	347.3	311.2	279.3	251.1	225.0	199.9	173.3	144.7	115.8
-60°	369.8	338.6	306.2	277.7	251.2	227.6	206.9	183.0	157.3	130.4	104.3
-62.5°	321.8	294.5	270.1	245.6	224.0	205.4	188.3	165.2	141.0	115.8	91.9
-65°	276.2	254.8	234.2	215.0	197.6	182.3	168.1	147.2	123.6	100.6	79.4
-67.5°	231.9	215.9	199.7	184.2	171.3	159.1	146.9	127.0	105.3	84.9	67.5
-70°	191.8	178.2	166.2	155.8	145.6	135.2	122.6	105.5	86.6	70.4	55.2
-72.5°	152.3	143.3	135.2	127.6	119.1	109.2	97.7	83.8	69.3	55.5	42.6
-75°	113.3	109.6	105.6	100.1	92.3	83.4	74.4	63.7	51.7	40.4	32.2
-77.5°	82.2	79.9	77.0	73.7	67.7	60.6	52.4	43.1	35.3	29.0	22.4
-80°	54.4	53.8	52.5	50.0	44.3	37.9	33.0	28.0	23.1	18.0	12.6
-82.5°	30.1	30.4	30.4	29.5	26.0	22.4	18.5	14.6	10.8	6.9	5.5
-85°	14.4	14.1	13.3	12.0	9.5	6.8	6.0	5.2	4.7	4.2	3.7
-87.5°	4.4	4.4	4.4	4.4	3.9	3.4	3.0	2.6	2.3	2.1	1.8
-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°	1.6	1.3	1.1	0.8	0.5	0.2	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.7	0.0
80°	7.1	5.3	4.2	3.2	2.1	0.9	0.0
77.5°	15.5	8.2	5.3	4.0	2.6	1.2	0.0
75°	23.6	14.2	6.8	4.7	3.1	1.4	0.0
72.5°	31.5	20.1	10.9	5.5	3.6	1.6	0.0
70°	39.4	25.7	14.8	6.6	4.1	1.8	0.0
67.5°	49.0	31.1	18.6	9.0	4.6	2.0	0.0
65°	58.0	37.2	22.2	11.3	5.0	2.2	0.0
62.5°	66.7	43.8	25.7	13.6	5.5	2.4	0.0
60°	74.8	50.0	28.9	15.7	5.9	2.6	0.0
57.5°	83.4	55.9	33.2	17.7	7.1	2.8	0.0
55°	91.5	61.4	37.2	19.5	8.2	3.0	0.0
52.5°	99.0	66.6	41.0	21.2	9.4	3.2	0.0
50°	105.9	72.1	44.5	22.8	10.4	3.3	0.0
47.5°	112.3	77.2	47.7	24.4	11.4	3.5	0.0
45°	119.5	81.7	50.6	26.6	12.4	3.6	0.0
42.5°	126.1	85.7	53.1	28.5	13.3	3.8	0.0
40°	132.0	89.3	55.7	30.4	14.2	3.9	0.0
37.5°	137.4	92.3	58.2	32.4	15.0	4.0	0.0
35°	142.1	95.8	60.4	34.2	15.7	4.1	0.0
32.5°	146.5	99.3	62.2	35.8	16.4	4.2	0.0
30°	151.0	102.2	63.7	37.4	17.1	4.3	0.0
27.5°	155.1	104.7	65.8	38.7	17.6	4.4	0.0
25°	158.6	106.7	67.9	40.0	18.1	4.5	0.0
22.5°	161.7	108.6	69.7	41.1	18.6	4.5	0.0
20°	164.2	111.4	71.2	42.0	19.0	4.6	0.0
17.5°	167.4	113.6	72.5	42.8	19.3	4.6	0.0
15°	170.7	115.3	73.6	43.4	19.5	4.6	0.0
12.5°	173.4	116.5	74.4	43.9	19.7	4.6	0.0
10°	175.4	117.3	74.9	44.3	19.9	4.7	0.0
7.5°	176.8	117.6	75.2	44.5	19.9	4.7	0.0
5°	177.5	117.5	75.3	44.5	20.0	4.6	0.0
2.5°	177.6	116.9	75.1	44.4	19.9	4.6	0.0
0°	176.9	115.9	74.7	44.2	19.8	4.6	0.0
-2.5°	177.6	116.9	75.1	44.4	19.9	4.6	0.0
-5°	177.5	117.5	75.3	44.5	20.0	4.6	0.0
-7.5°	176.8	117.6	75.2	44.5	19.9	4.7	0.0
-10°	175.4	117.3	74.9	44.3	19.9	4.7	0.0
-12.5°	173.4	116.5	74.4	43.9	19.7	4.6	0.0
-15°	170.7	115.3	73.6	43.4	19.5	4.6	0.0
-17.5°	167.4	113.6	72.5	42.8	19.3	4.6	0.0
-20°	164.2	111.4	71.2	42.0	19.0	4.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	161.7	108.6	69.7	41.1	18.6	4.5	0.0
-25°	158.6	106.7	67.9	40.0	18.1	4.5	0.0
-27.5°	155.1	104.7	65.8	38.7	17.6	4.4	0.0
-30°	151.0	102.2	63.7	37.4	17.1	4.3	0.0
-32.5°	146.5	99.3	62.2	35.8	16.4	4.2	0.0
-35°	142.1	95.8	60.4	34.2	15.7	4.1	0.0
-37.5°	137.4	92.3	58.2	32.4	15.0	4.0	0.0
-40°	132.0	89.3	55.7	30.4	14.2	3.9	0.0
-42.5°	126.1	85.7	53.1	28.5	13.3	3.8	0.0
-45°	119.5	81.7	50.6	26.6	12.4	3.6	0.0
-47.5°	112.3	77.2	47.7	24.4	11.4	3.5	0.0
-50°	105.9	72.1	44.5	22.8	10.4	3.3	0.0
-52.5°	99.0	66.6	41.0	21.2	9.4	3.2	0.0
-55°	91.5	61.4	37.2	19.5	8.2	3.0	0.0
-57.5°	83.4	55.9	33.2	17.7	7.1	2.8	0.0
-60°	74.8	50.0	28.9	15.7	5.9	2.6	0.0
-62.5°	66.7	43.8	25.7	13.6	5.5	2.4	0.0
-65°	58.0	37.2	22.2	11.3	5.0	2.2	0.0
-67.5°	49.0	31.1	18.6	9.0	4.6	2.0	0.0
-70°	39.4	25.7	14.8	6.6	4.1	1.8	0.0
-72.5°	31.5	20.1	10.9	5.5	3.6	1.6	0.0
-75°	23.6	14.2	6.8	4.7	3.1	1.4	0.0
-77.5°	15.5	8.2	5.3	4.0	2.6	1.2	0.0
-80°	7.1	5.3	4.2	3.2	2.1	0.9	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.7	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)