

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: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1E-730-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5326.9 lumens	Max Intensity:	3991.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	80.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	3081.9 lumens	Field Lumens:	5054.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	66.2		
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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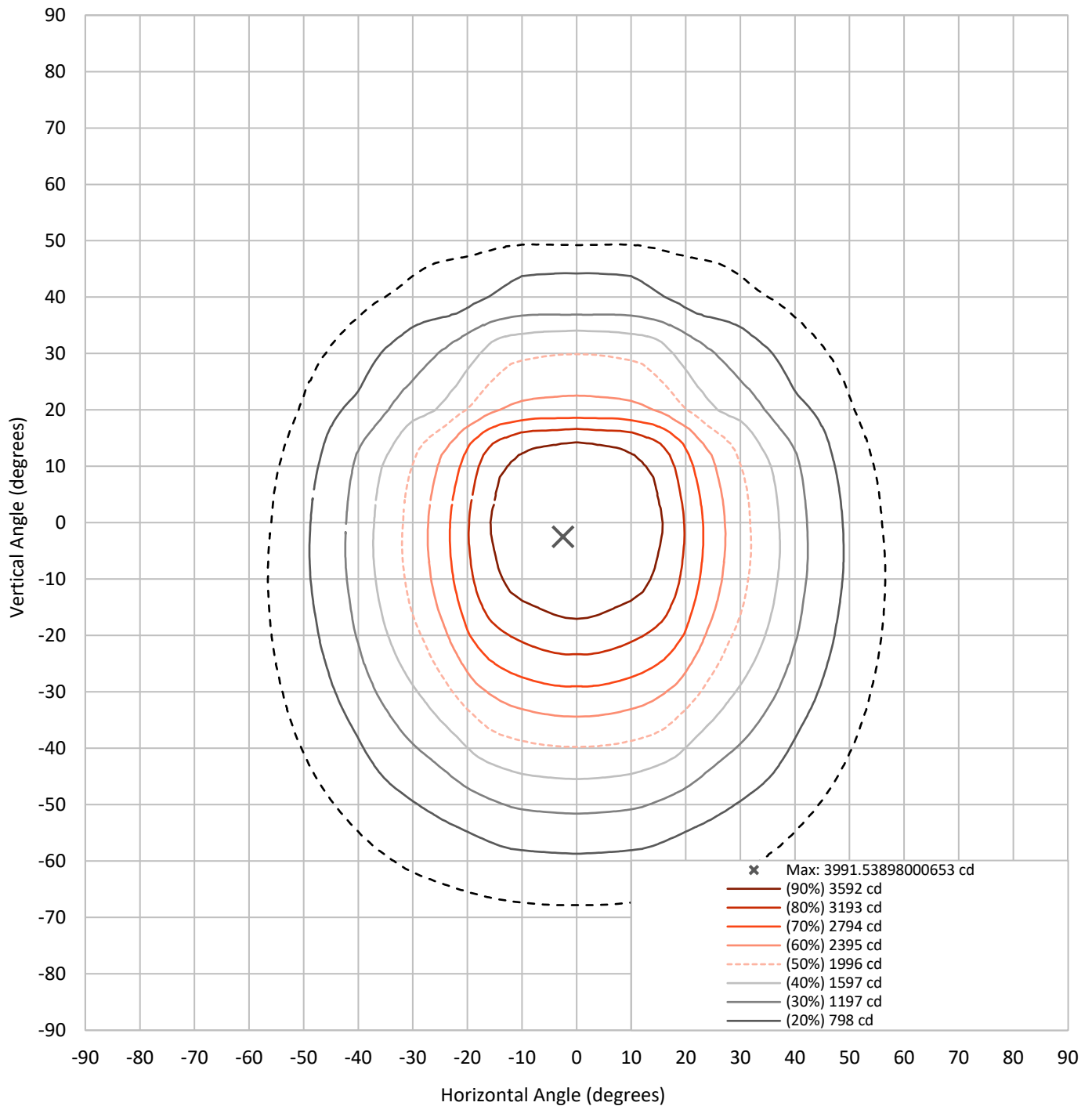
Scaled Data Report



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

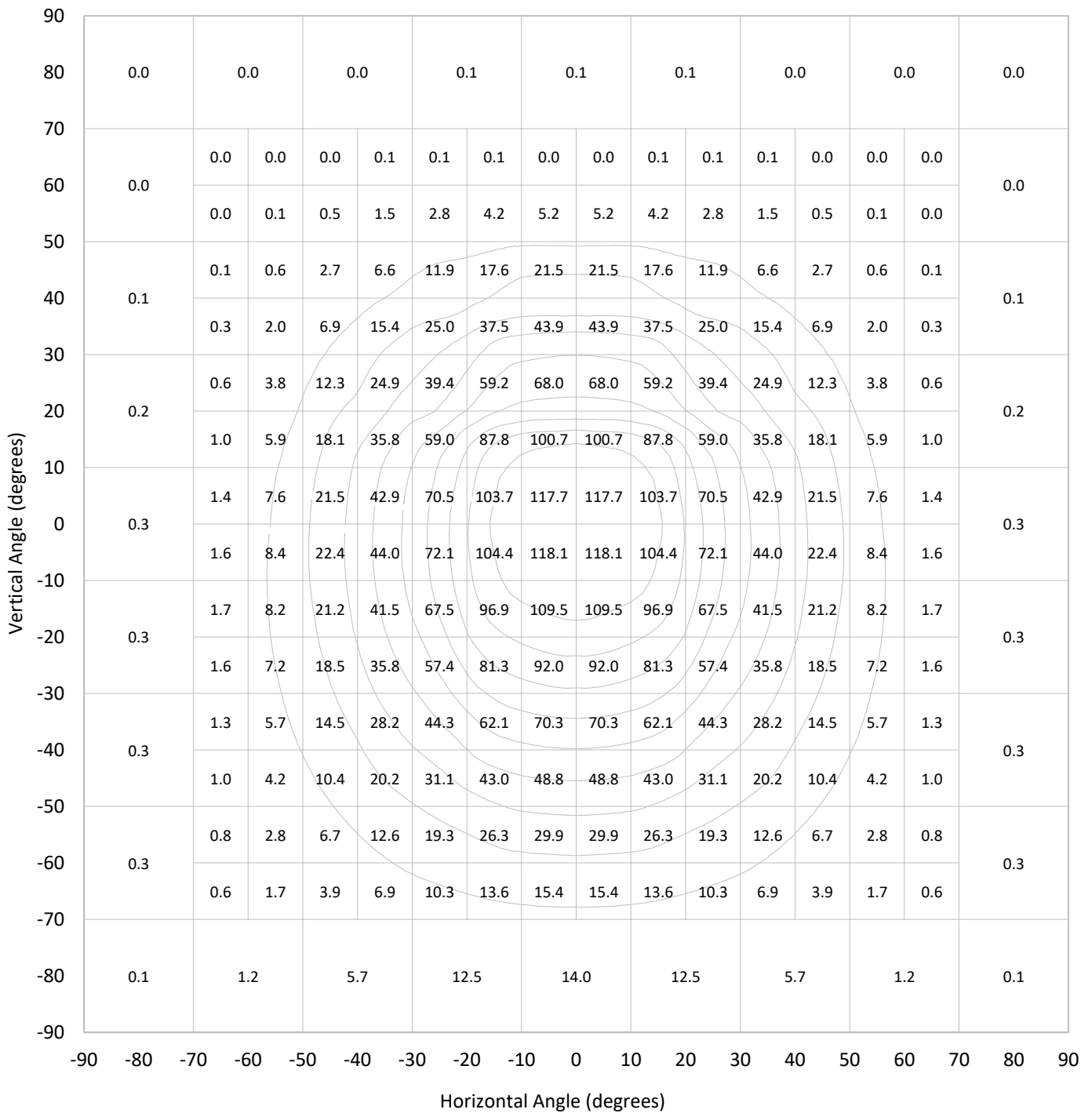
Iso-Candela Plot





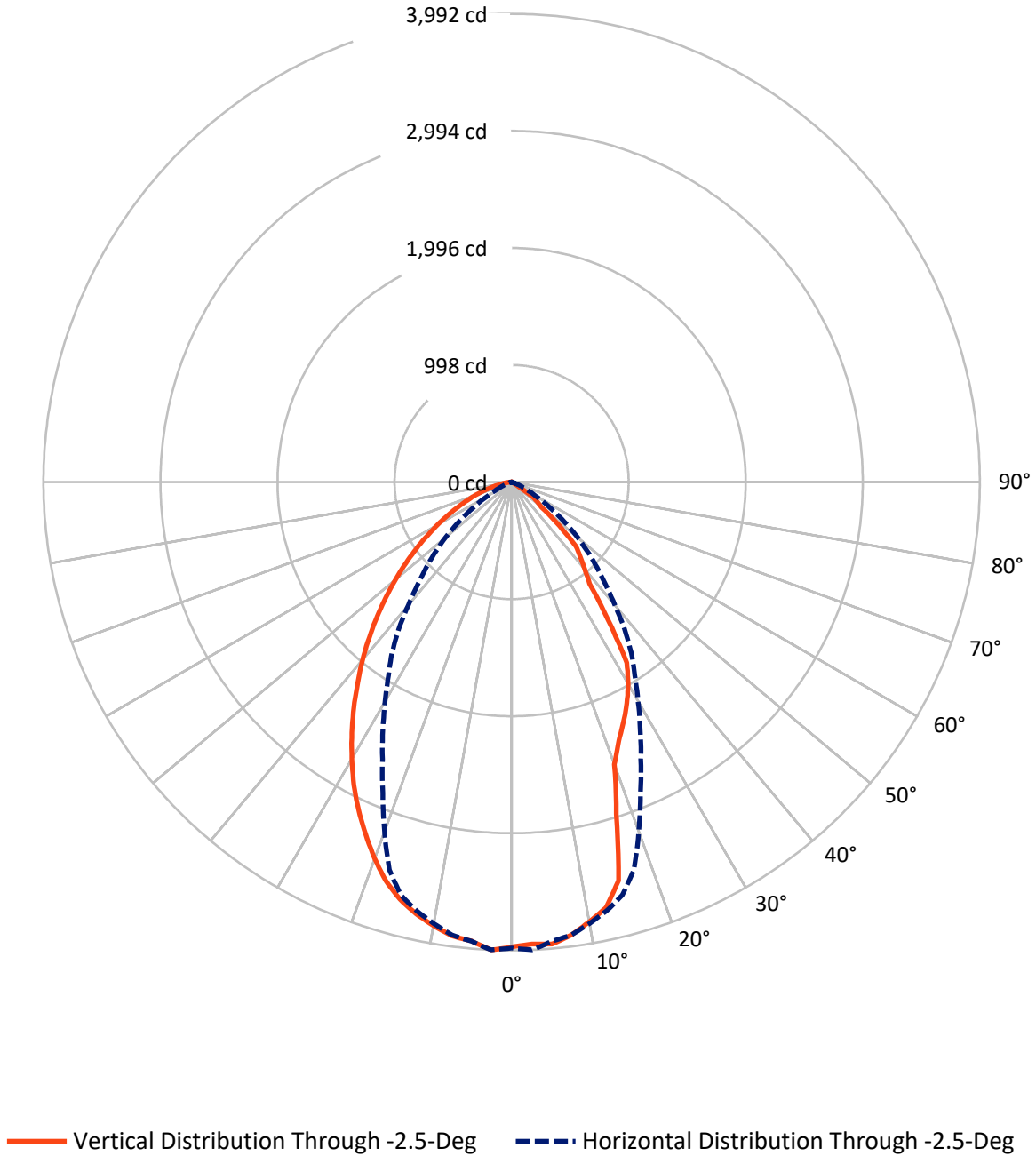
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Lumen Table



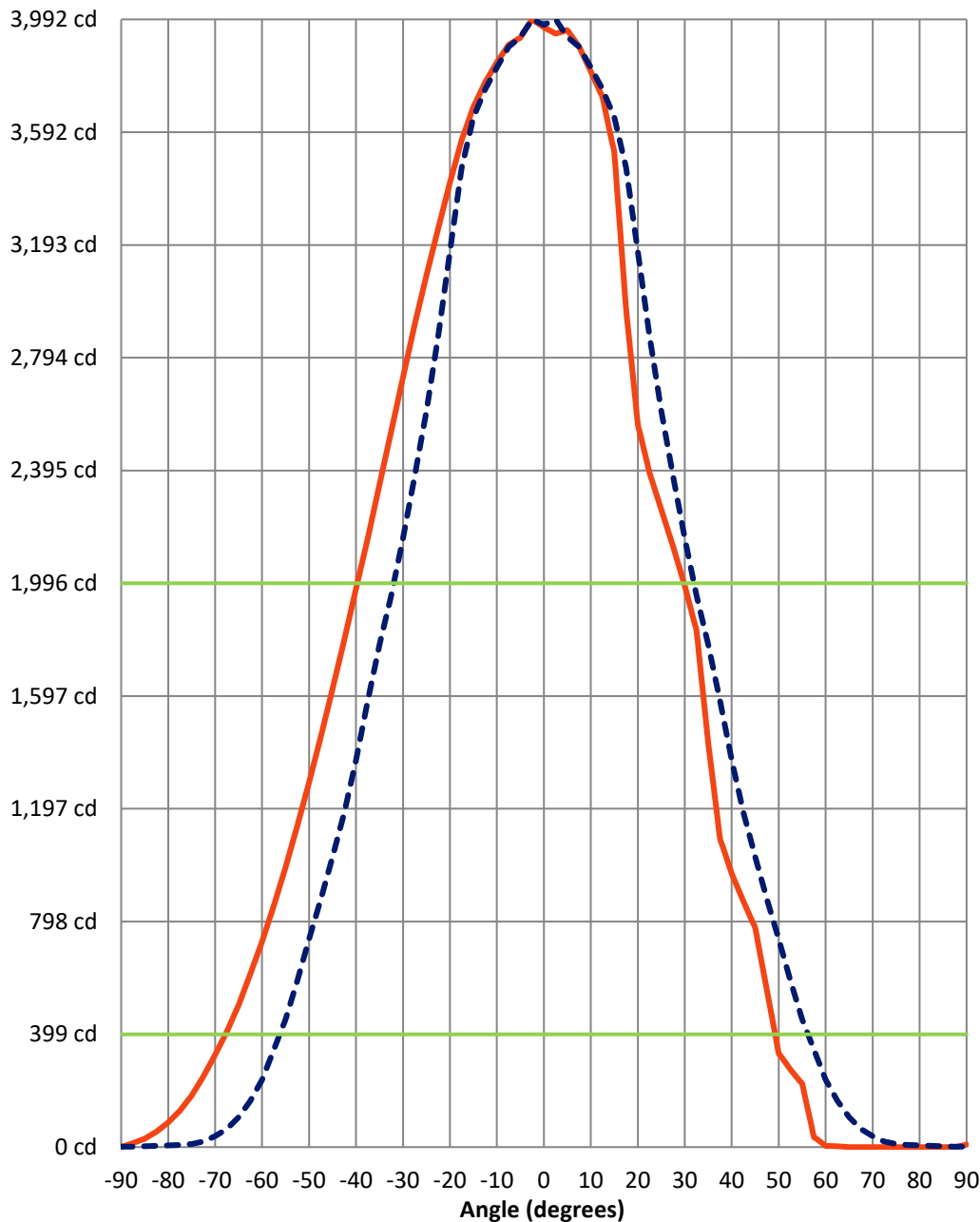
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 3081.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 5054.8
 Efficiency: 94.9%

Spill:
 Lumens: 272
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.1	4.5
87.5°	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.0
85°	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0
82.5°	1.5	1.5	1.5	1.4	1.1	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.5	1.5	1.5	1.3	1.0	0.6	0.1	0.3	0.5	0.8	1.0
77.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.5	0.7	1.0	1.4	1.4
75°	1.5	1.5	1.5	1.2	0.8	0.7	0.8	1.2	1.5	1.2	0.8
72.5°	1.5	1.5	1.5	1.2	1.0	1.0	1.2	1.5	1.3	0.9	0.3
70°	1.5	1.5	1.5	1.2	1.1	1.2	1.5	1.4	1.1	0.6	0.7
67.5°	1.5	1.5	1.5	1.3	1.2	1.4	1.5	1.4	1.0	1.2	1.3
65°	1.5	1.5	1.5	1.3	1.3	1.6	1.6	1.4	1.5	1.7	1.8
62.5°	1.5	1.5	1.5	1.3	1.4	1.7	1.7	1.7	2.0	2.3	2.1
60°	1.5	1.5	1.5	1.4	1.5	1.8	1.8	2.1	2.5	2.6	2.3
57.5°	1.5	1.5	1.5	1.4	1.6	1.9	2.1	2.6	3.0	3.0	2.9
55°	1.5	1.5	1.5	1.5	1.8	2.1	2.5	3.0	3.4	3.5	3.6
52.5°	1.5	1.5	1.6	1.5	2.0	2.3	2.9	3.5	3.9	4.1	4.4
50°	1.5	1.5	1.6	1.5	2.1	2.6	3.3	3.9	4.4	4.8	5.1
47.5°	1.5	1.5	1.6	1.5	2.3	2.9	3.6	4.3	5.0	5.4	5.8
45°	1.5	1.5	1.7	1.7	2.5	3.2	4.0	4.7	5.5	6.0	6.5
42.5°	1.5	1.5	1.7	1.8	2.7	3.5	4.3	5.2	6.1	6.6	7.8
40°	1.5	1.5	1.8	2.0	2.9	3.8	4.6	5.7	6.7	7.3	9.3
37.5°	1.5	1.5	1.8	2.2	3.1	4.0	5.0	6.2	7.3	8.2	10.8
35°	1.5	1.5	1.9	2.4	3.3	4.3	5.3	6.7	7.9	10.1	13.8
32.5°	1.5	1.5	2.0	2.6	3.5	4.5	5.6	7.3	8.6	12.3	19.7
30°	1.5	1.5	2.0	2.8	3.7	4.8	6.1	7.8	9.3	14.8	25.4
27.5°	1.5	1.5	2.1	2.9	3.9	5.0	6.5	8.4	10.6	17.6	30.9
25°	1.5	1.5	2.2	3.1	4.2	5.2	6.9	9.0	12.7	21.6	36.4
22.5°	1.5	1.5	2.3	3.3	4.4	5.5	7.4	9.6	15.0	26.1	43.5
20°	1.5	1.5	2.4	3.5	4.6	5.7	7.8	10.2	17.3	30.4	50.7
17.5°	1.5	1.5	2.5	3.6	4.8	6.0	8.2	10.7	19.7	34.4	57.7
15°	1.5	1.5	2.5	3.8	5.0	6.3	8.6	11.5	22.1	38.2	64.5
12.5°	1.5	1.5	2.6	3.9	5.2	6.5	9.0	12.5	24.8	41.6	71.0
10°	1.5	1.5	2.7	4.0	5.4	6.7	9.3	13.6	27.7	45.7	77.6
7.5°	1.5	1.5	2.8	4.2	5.6	6.9	9.6	14.7	30.4	49.6	84.4
5°	1.5	1.5	2.9	4.3	5.7	7.1	9.9	15.8	32.9	53.3	90.7
2.5°	1.5	1.5	2.9	4.4	5.9	7.3	10.2	16.9	35.2	56.6	96.4
0°	1.5	1.5	3.0	4.5	6.0	7.5	10.4	17.9	37.3	59.6	101.3
-2.5°	1.5	1.5	3.0	4.5	6.0	7.5	10.4	17.9	37.3	59.6	101.3
-5°	1.5	1.5	3.0	4.5	6.2	7.8	11.5	21.4	40.0	68.4	109.4
-7.5°	1.5	1.5	3.0	4.5	6.3	7.9	12.0	22.8	40.9	71.8	112.2
-10°	1.5	1.5	3.0	4.4	6.4	8.0	12.4	24.0	41.6	74.2	114.3
-12.5°	1.5	1.5	2.9	4.4	6.4	8.1	12.7	24.9	42.0	75.5	115.9
-15°	1.5	1.5	2.9	4.3	6.5	8.2	12.9	25.5	42.9	75.3	116.5
-17.5°	1.5	1.5	2.9	4.3	6.5	8.2	12.9	26.0	44.2	74.6	115.8
-20°	1.5	1.5	2.8	4.2	6.4	8.3	13.2	26.5	45.0	73.2	113.7

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CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.5	1.5	2.8	4.2	6.3	8.3	14.1	26.8	45.4	71.3	110.1
-25°	1.5	1.5	2.7	4.1	6.2	8.9	14.8	26.7	45.2	68.7	104.9
-27.5°	1.5	1.5	2.7	4.0	6.1	9.6	15.3	26.3	44.6	66.6	101.1
-30°	1.5	1.5	2.6	3.9	5.9	10.2	15.7	25.5	43.8	65.6	96.9
-32.5°	1.5	1.5	2.5	3.8	6.1	10.7	15.9	25.6	42.7	64.0	92.1
-35°	1.5	1.5	2.5	3.7	6.3	11.1	16.3	25.7	41.2	61.7	86.8
-37.5°	1.5	1.5	2.4	3.6	6.4	11.3	16.8	25.6	39.3	58.7	84.4
-40°	1.5	1.5	2.3	3.4	6.4	11.4	17.1	25.3	37.0	55.8	81.8
-42.5°	1.5	1.5	2.2	3.4	6.5	11.4	17.2	24.7	35.6	53.5	77.7
-45°	1.5	1.5	2.1	3.4	6.5	11.3	17.1	24.2	34.7	50.6	72.7
-47.5°	1.5	1.5	2.0	3.4	6.5	11.2	16.8	23.9	33.4	47.2	68.6
-50°	1.5	1.5	1.9	3.3	6.3	10.9	16.5	23.3	32.5	46.0	63.8
-52.5°	1.5	1.5	1.8	3.3	6.1	10.5	16.0	22.5	31.6	44.4	58.7
-55°	1.5	1.5	1.7	3.2	5.9	10.1	15.4	21.5	30.6	42.4	56.3
-57.5°	1.5	1.5	1.6	3.0	5.5	9.6	14.8	20.6	29.2	40.3	53.4
-60°	1.5	1.5	1.5	2.9	5.2	8.9	13.9	19.5	27.4	37.8	50.0
-62.5°	1.5	1.5	1.5	2.8	4.9	8.1	12.8	18.2	25.1	34.8	46.1
-65°	1.5	1.5	1.5	2.6	4.6	7.3	11.5	16.5	22.3	30.9	41.7
-67.5°	1.5	1.5	1.5	2.4	4.2	6.5	10.1	14.4	19.1	26.3	35.8
-70°	1.5	1.5	1.5	2.2	3.8	5.9	8.6	12.3	16.4	21.2	28.9
-72.5°	1.5	1.5	1.5	2.1	3.4	5.3	7.6	10.0	13.5	17.5	22.1
-75°	1.5	1.5	1.5	2.1	3.0	4.6	6.6	8.5	10.5	13.8	17.6
-77.5°	1.5	1.5	1.5	2.1	2.8	3.9	5.6	7.1	8.7	10.5	12.9
-80°	1.5	1.5	1.5	2.0	2.7	3.5	4.6	5.8	7.1	8.5	9.9
-82.5°	1.5	1.5	1.5	2.0	2.6	3.3	4.1	4.7	5.3	6.4	7.5
-85°	1.5	1.5	1.5	2.0	2.5	3.1	3.8	4.3	4.8	5.3	5.8
-87.5°	1.5	1.5	1.5	1.9	2.4	2.9	3.4	3.8	4.3	4.7	5.1
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.4	0.0



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.9	5.3	5.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.9	0.6	0.2	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.4	1.0	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.9	0.8
65°	1.5	1.1	1.1	1.3	1.5	1.6	1.7	1.9	1.6	1.4	1.4
62.5°	1.6	1.7	1.9	2.2	2.4	2.6	2.6	2.3	1.8	2.2	2.5
60°	2.2	2.5	2.8	3.1	3.4	3.5	3.4	3.4	3.8	4.4	8.4
57.5°	3.0	3.2	3.6	4.1	4.5	4.5	4.7	5.1	11.8	19.3	21.3
55°	3.8	4.0	4.6	5.3	5.8	5.7	8.2	17.2	26.0	36.0	39.7
52.5°	4.6	4.9	6.0	6.8	7.4	11.5	20.7	33.0	46.0	57.5	72.3
50°	5.3	6.4	7.5	8.8	14.0	24.7	38.2	55.0	74.5	92.9	111.8
47.5°	6.7	8.0	9.7	13.9	27.6	42.5	61.2	88.2	112.2	134.5	160.3
45°	8.2	11.0	12.9	27.4	43.4	62.7	94.2	127.2	149.1	178.8	224.5
42.5°	9.8	15.2	24.6	41.5	61.0	92.0	131.1	159.2	188.3	236.6	284.6
40°	14.1	20.4	37.1	57.2	81.9	127.1	167.2	199.1	238.8	292.3	342.4
37.5°	19.3	31.2	49.9	73.9	114.7	164.2	207.2	252.8	298.4	348.8	441.9
35°	25.2	41.2	66.1	98.5	147.6	205.5	256.7	307.6	360.2	459.5	551.8
32.5°	32.7	50.4	83.0	127.1	183.1	246.6	306.1	364.9	449.3	561.7	654.3
30°	40.9	65.1	102.5	153.6	216.5	284.3	355.9	427.1	538.7	631.7	732.2
27.5°	49.4	80.7	125.3	181.2	247.8	319.9	400.7	502.2	601.7	693.6	804.1
25°	58.2	97.0	146.2	207.6	278.6	358.3	451.3	574.9	652.8	754.3	869.6
22.5°	69.4	112.6	166.9	231.5	307.1	397.9	516.4	640.5	732.1	817.6	930.2
20°	82.4	130.1	189.4	261.5	335.1	436.4	581.1	711.6	819.4	917.3	1020.7
17.5°	94.6	146.4	213.4	292.2	375.7	485.9	644.6	789.1	907.7	1016.7	1145.9
15°	105.9	161.6	237.0	321.2	415.7	542.6	701.5	860.2	995.7	1118.3	1265.1
12.5°	116.1	175.4	259.7	348.3	453.4	591.4	749.3	904.2	1053.1	1212.9	1379.5
10°	125.4	187.8	281.1	373.3	488.3	632.7	788.9	940.9	1091.1	1260.3	1445.3
7.5°	135.3	199.5	300.6	396.1	520.1	666.9	820.4	970.4	1121.9	1298.2	1488.1
5°	144.5	210.2	316.0	412.4	544.6	693.5	844.2	992.8	1145.2	1326.4	1520.5
2.5°	152.6	219.2	328.6	425.3	562.8	713.1	859.6	1011.4	1162.5	1349.3	1545.2
0°	159.4	226.5	338.2	435.1	576.6	727.1	868.7	1023.6	1172.6	1364.9	1561.5
-2.5°	163.8	238.5	344.8	452.2	588.6	736.3	876.8	1027.1	1183.5	1369.8	1579.8
-5°	166.9	248.1	348.8	465.4	596.5	740.3	879.5	1024.5	1186.5	1368.5	1582.5
-7.5°	168.7	255.0	350.7	472.9	599.3	737.9	874.9	1019.4	1181.7	1363.8	1570.7
-10°	169.7	257.1	353.2	470.7	595.6	729.9	864.9	1007.6	1168.2	1348.6	1548.2
-12.5°	172.5	255.8	352.8	465.7	587.8	717.9	849.9	988.8	1145.7	1322.6	1517.1
-15°	173.2	252.7	348.5	458.3	575.8	702.1	830.3	963.1	1117.9	1297.3	1482.7
-17.5°	171.7	248.0	340.3	448.9	559.8	683.0	807.3	940.0	1091.9	1268.1	1446.6
-20°	167.7	242.0	327.8	437.8	540.7	661.7	784.2	915.7	1061.9	1227.5	1406.2

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CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	161.1	234.8	314.3	422.3	524.3	637.3	757.2	882.6	1024.4	1175.0	1351.9
-25°	154.4	226.6	303.7	400.9	504.5	608.8	726.1	842.1	980.3	1128.2	1285.2
-27.5°	148.0	215.1	292.6	377.6	481.3	578.3	691.0	804.1	930.7	1075.7	1220.2
-30°	139.6	202.7	279.1	355.2	453.4	549.7	651.8	763.1	876.9	1014.6	1156.8
-32.5°	132.2	189.9	263.8	338.0	423.5	517.4	609.5	715.7	826.7	944.1	1084.6
-35°	127.3	182.2	247.5	318.3	393.0	482.2	569.9	662.1	769.7	879.8	1003.2
-37.5°	123.3	173.5	230.4	297.7	368.8	445.4	527.5	612.3	706.2	817.2	933.2
-40°	117.0	163.7	217.7	278.1	340.8	410.4	486.6	563.4	644.8	753.2	867.7
-42.5°	108.9	154.1	205.7	256.7	314.0	377.6	445.3	517.6	595.8	690.0	795.3
-45°	102.7	141.9	192.4	238.1	285.5	343.7	407.3	472.8	546.5	627.4	722.0
-47.5°	94.9	128.7	175.0	217.7	259.5	309.1	367.3	429.3	494.6	567.5	645.0
-50°	86.4	117.7	153.7	195.3	235.1	276.5	326.0	383.4	442.6	506.1	575.3
-52.5°	80.0	104.7	137.7	172.2	210.2	247.7	289.9	339.1	392.0	445.1	505.9
-55°	72.8	95.2	122.4	153.4	185.7	220.4	258.8	301.9	345.1	393.8	442.3
-57.5°	67.7	86.1	109.6	136.5	165.6	195.0	231.3	267.8	307.7	348.1	388.3
-60°	63.8	78.2	97.7	121.4	147.3	174.8	204.6	238.2	272.6	305.6	340.4
-62.5°	59.2	71.8	87.0	106.3	129.7	153.7	179.9	208.7	239.8	267.6	294.6
-65°	53.3	64.2	77.3	93.0	111.4	131.7	154.0	178.3	205.2	227.7	249.7
-67.5°	46.5	55.7	66.7	79.6	94.9	110.7	127.1	147.7	169.5	187.8	205.8
-70°	38.0	46.5	55.5	66.0	78.0	91.4	105.9	120.8	135.7	150.7	167.1
-72.5°	29.1	36.8	44.4	51.9	61.5	72.5	84.3	96.8	109.8	122.6	135.1
-75°	22.2	27.2	33.9	40.6	47.2	54.4	62.4	72.3	84.5	96.9	108.3
-77.5°	16.7	21.0	25.4	30.1	34.3	39.5	45.3	51.5	61.5	73.0	84.6
-80°	12.1	14.6	18.1	21.9	24.8	27.8	30.8	33.9	41.4	50.6	60.5
-82.5°	9.0	10.7	12.7	14.9	16.3	17.8	19.4	21.5	27.0	33.2	39.8
-85°	6.2	6.7	7.8	9.0	9.8	10.7	11.5	12.4	15.4	18.7	22.3
-87.5°	5.4	5.6	5.9	6.2	6.3	6.4	6.5	6.6	7.6	8.6	9.7
-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: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.0	6.4	6.8	7.1	7.5	7.9	8.2	8.6	8.9	8.9	8.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.5	1.1	0.7	0.4	0.6	0.9	1.1	1.1	1.0	0.8
62.5°	2.4	2.2	2.0	2.3	2.7	3.2	3.0	2.9	2.7	2.5	2.6
60°	8.8	5.9	6.8	8.6	8.0	5.5	9.0	10.2	8.7	6.0	5.8
57.5°	22.3	21.6	24.7	36.1	39.7	36.2	43.3	52.5	52.2	45.0	44.8
55°	47.6	63.9	83.5	86.6	100.3	127.7	149.0	139.7	139.6	146.6	169.3
52.5°	90.4	105.7	111.4	126.7	155.2	176.0	189.3	203.0	218.1	233.5	249.2
50°	132.6	147.5	164.5	180.1	219.6	240.9	237.3	265.9	302.4	325.2	336.9
47.5°	194.6	218.1	253.8	309.8	339.3	360.6	387.1	419.5	461.3	518.1	561.8
45°	267.5	304.4	359.7	419.2	465.0	485.8	516.2	566.2	633.0	698.0	745.4
42.5°	327.0	377.7	440.1	497.0	534.3	568.5	607.8	650.1	726.5	795.9	850.8
40°	404.8	444.3	514.3	567.9	601.3	635.2	697.5	760.7	832.6	897.3	942.2
37.5°	503.4	547.8	620.6	681.2	713.4	725.4	831.3	919.3	977.7	1060.2	1087.2
35°	609.3	682.3	775.1	853.7	885.3	948.3	1057.3	1180.1	1313.1	1362.0	1403.7
32.5°	727.4	817.5	943.4	1027.8	1072.8	1168.4	1306.4	1437.5	1611.4	1705.8	1734.0
30°	835.4	938.9	1047.1	1129.1	1206.1	1321.2	1447.1	1608.6	1769.5	1890.1	1927.6
27.5°	914.8	1029.2	1133.3	1210.0	1296.9	1421.0	1578.0	1741.6	1899.4	2022.6	2066.3
25°	990.5	1119.9	1202.2	1291.5	1393.5	1528.7	1702.7	1884.5	2039.9	2144.0	2197.7
22.5°	1076.6	1204.2	1292.6	1368.2	1501.6	1657.4	1818.8	2024.2	2189.0	2272.0	2330.2
20°	1165.5	1309.8	1446.4	1516.8	1632.1	1829.4	2010.1	2204.1	2363.2	2449.7	2511.0
17.5°	1289.5	1473.4	1640.9	1740.6	1864.1	2100.0	2325.5	2521.7	2743.0	2821.2	2896.1
15°	1420.2	1633.1	1829.4	1987.2	2146.7	2380.5	2670.8	2907.6	3160.1	3272.8	3400.3
12.5°	1550.5	1752.0	1929.9	2133.4	2358.3	2565.1	2841.5	3136.3	3365.4	3509.2	3595.1
10°	1648.0	1835.1	2006.2	2210.3	2434.7	2668.6	2943.3	3245.5	3485.3	3608.0	3678.1
7.5°	1700.6	1879.7	2060.2	2266.9	2490.4	2739.5	3022.5	3322.3	3567.6	3686.5	3755.6
5°	1739.6	1911.7	2098.5	2316.2	2542.2	2794.7	3077.3	3373.6	3597.2	3723.5	3811.0
2.5°	1763.2	1931.9	2122.9	2348.0	2574.5	2837.6	3133.9	3440.9	3636.6	3738.2	3818.7
0°	1770.1	1940.0	2136.7	2364.7	2597.1	2862.3	3155.9	3459.8	3658.0	3756.3	3838.3
-2.5°	1777.8	1952.7	2154.8	2375.4	2606.0	2870.4	3170.0	3466.2	3644.5	3743.7	3821.7
-5°	1772.5	1953.7	2155.2	2366.5	2598.5	2860.9	3148.5	3425.5	3611.9	3719.2	3796.7
-7.5°	1756.4	1940.3	2139.6	2342.8	2570.4	2835.7	3122.1	3388.7	3577.7	3690.8	3775.6
-10°	1733.1	1911.6	2112.3	2318.0	2542.9	2795.5	3077.5	3342.5	3523.3	3643.4	3742.3
-12.5°	1707.2	1882.0	2075.5	2272.8	2495.2	2744.7	3017.9	3268.8	3448.5	3579.6	3650.2
-15°	1668.9	1843.6	2028.6	2219.4	2436.2	2678.2	2939.2	3179.9	3356.4	3463.1	3541.1
-17.5°	1620.1	1791.5	1966.9	2147.9	2352.2	2590.5	2853.1	3090.5	3234.4	3329.6	3406.3
-20°	1567.9	1726.4	1892.6	2063.4	2261.3	2497.4	2755.3	2962.4	3098.0	3189.5	3262.0



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1508.3	1660.9	1813.0	1976.3	2170.3	2386.8	2614.6	2814.7	2960.6	3043.9	3110.9
-25°	1440.2	1588.7	1733.1	1890.8	2069.1	2263.7	2475.5	2672.2	2802.8	2891.3	2957.7
-27.5°	1366.9	1506.4	1647.4	1789.1	1949.4	2143.3	2339.4	2522.2	2633.6	2722.9	2789.6
-30°	1293.7	1419.2	1549.7	1683.8	1834.2	2009.0	2192.5	2346.2	2463.7	2550.4	2612.4
-32.5°	1214.3	1333.4	1449.1	1574.4	1716.1	1870.1	2031.1	2177.3	2302.9	2382.3	2434.5
-35°	1133.1	1248.4	1354.2	1468.0	1593.0	1725.9	1874.5	2018.6	2142.7	2205.5	2256.5
-37.5°	1048.5	1163.4	1263.8	1358.8	1466.5	1589.6	1734.4	1871.9	1979.1	2033.1	2079.0
-40°	974.9	1076.1	1166.4	1257.3	1344.9	1454.2	1589.3	1722.5	1808.5	1861.1	1903.8
-42.5°	903.5	988.8	1062.8	1144.3	1231.9	1339.7	1448.7	1560.4	1629.5	1687.9	1732.8
-45°	820.3	896.6	965.9	1033.7	1113.6	1212.0	1311.1	1400.5	1465.2	1521.7	1565.4
-47.5°	728.3	802.0	869.3	929.9	1004.1	1086.2	1169.6	1244.0	1307.9	1363.7	1402.8
-50°	642.6	708.4	774.1	835.5	899.8	966.2	1033.8	1099.1	1159.8	1214.0	1247.2
-52.5°	565.7	626.4	683.9	737.6	793.9	849.9	906.0	965.8	1021.6	1072.9	1099.5
-55°	496.2	550.9	602.8	648.0	693.2	737.7	785.7	840.9	892.4	939.9	958.9
-57.5°	433.8	480.7	526.5	564.8	601.6	637.0	679.2	725.8	770.8	811.6	827.1
-60°	376.5	413.7	452.0	485.9	518.0	548.4	585.1	622.7	659.2	689.9	703.1
-62.5°	323.7	355.5	384.6	412.1	439.3	466.6	496.3	526.1	555.6	579.2	591.2
-65°	272.8	298.1	321.5	344.1	366.1	389.0	412.2	434.9	456.7	473.6	484.0
-67.5°	225.0	244.2	262.8	280.4	298.8	317.4	335.6	352.9	369.3	382.4	392.3
-70°	182.6	197.5	212.1	226.7	242.0	256.5	270.2	283.1	295.3	304.8	312.4
-72.5°	147.2	159.3	171.8	185.0	197.4	208.3	218.1	227.5	236.6	241.9	245.9
-75°	118.7	128.9	139.8	150.4	160.8	169.0	176.2	183.2	190.0	190.3	189.0
-77.5°	95.9	105.0	113.4	121.8	130.0	135.1	139.5	144.1	148.7	146.1	141.8
-80°	70.4	78.0	85.1	92.3	99.5	102.5	104.6	106.4	107.9	104.4	100.1
-82.5°	46.7	51.5	56.1	60.9	65.7	67.6	69.0	70.2	71.1	68.0	64.4
-85°	26.1	28.4	30.6	32.9	35.1	36.5	37.7	38.8	39.9	38.0	35.9
-87.5°	10.8	11.3	11.9	12.4	12.8	13.3	13.8	14.2	14.7	14.8	14.8
-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: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.1	1.1
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.6	2.5	2.7	2.9
60°	5.3	4.6	4.5	4.5	4.5	4.6	5.3	5.8	6.0	8.7	10.2
57.5°	41.3	35.4	36.3	40.2	36.3	35.4	41.3	44.8	45.0	52.2	52.5
55°	193.1	215.5	223.4	219.0	223.4	215.5	193.1	169.3	146.6	139.6	139.7
52.5°	261.5	270.8	274.3	274.2	274.3	270.8	261.5	249.2	233.5	218.1	203.0
50°	340.5	337.3	332.5	327.8	332.5	337.3	340.5	336.9	325.2	302.4	265.9
47.5°	568.2	558.4	554.2	561.7	554.2	558.4	568.2	561.8	518.1	461.3	419.5
45°	755.1	766.7	775.3	774.8	775.3	766.7	755.1	745.4	698.0	633.0	566.2
42.5°	861.5	867.6	869.4	867.2	869.4	867.6	861.5	850.8	795.9	726.5	650.1
40°	956.3	963.6	967.8	971.5	967.8	963.6	956.3	942.2	897.3	832.6	760.7
37.5°	1096.1	1098.8	1092.9	1089.2	1092.9	1098.8	1096.1	1087.2	1060.2	977.7	919.3
35°	1438.9	1445.9	1429.7	1446.8	1429.7	1445.9	1438.9	1403.7	1362.0	1313.1	1180.1
32.5°	1767.6	1800.5	1827.1	1849.1	1827.1	1800.5	1767.6	1734.0	1705.8	1611.4	1437.5
30°	1953.8	1975.0	1986.5	1989.2	1986.5	1975.0	1953.8	1927.6	1890.1	1769.5	1608.6
27.5°	2090.5	2112.8	2126.6	2136.7	2126.6	2112.8	2090.5	2066.3	2022.6	1899.4	1741.6
25°	2222.3	2242.6	2256.4	2261.8	2256.4	2242.6	2222.3	2197.7	2144.0	2039.9	1884.5
22.5°	2359.0	2373.1	2386.4	2393.0	2386.4	2373.1	2359.0	2330.2	2272.0	2189.0	2024.2
20°	2555.0	2547.3	2559.4	2555.4	2559.4	2547.3	2555.0	2511.0	2449.7	2363.2	2204.1
17.5°	2954.4	2958.6	2966.7	2980.0	2966.7	2958.6	2954.4	2896.1	2821.2	2743.0	2521.7
15°	3456.8	3466.9	3518.3	3564.1	3518.3	3466.9	3456.8	3400.3	3272.8	3160.1	2907.6
12.5°	3674.7	3709.7	3715.1	3728.0	3715.1	3709.7	3674.7	3595.1	3509.2	3365.4	3136.3
10°	3747.4	3808.0	3806.7	3821.9	3806.7	3808.0	3747.4	3678.1	3608.0	3485.3	3245.5
7.5°	3802.6	3867.6	3895.1	3906.8	3895.1	3867.6	3802.6	3755.6	3686.5	3567.6	3322.3
5°	3870.0	3905.7	3953.1	3939.6	3953.1	3905.7	3870.0	3811.0	3723.5	3597.2	3373.6
2.5°	3898.2	3954.2	3941.3	3954.5	3941.3	3954.2	3898.2	3818.7	3738.2	3636.6	3440.9
0°	3917.3	3957.5	3963.4	3976.9	3963.4	3957.5	3917.3	3838.3	3756.3	3658.0	3459.8
-2.5°	3894.1	3929.5	3991.5	3972.4	3991.5	3929.5	3894.1	3821.7	3743.7	3644.5	3466.2
-5°	3873.9	3961.0	3927.2	3969.4	3927.2	3961.0	3873.9	3796.7	3719.2	3611.9	3425.5
-7.5°	3863.4	3879.0	3901.5	3933.6	3901.5	3879.0	3863.4	3775.6	3690.8	3577.7	3388.7
-10°	3782.5	3798.5	3839.7	3862.1	3839.7	3798.5	3782.5	3742.3	3643.4	3523.3	3342.5
-12.5°	3694.8	3725.7	3769.0	3783.2	3769.0	3725.7	3694.8	3650.2	3579.6	3448.5	3268.8
-15°	3593.8	3639.6	3681.9	3690.8	3681.9	3639.6	3593.8	3541.1	3463.1	3356.4	3179.9
-17.5°	3465.3	3520.3	3564.7	3574.6	3564.7	3520.3	3465.3	3406.3	3329.6	3234.4	3090.5
-20°	3323.8	3376.4	3414.1	3425.5	3414.1	3376.4	3323.8	3262.0	3189.5	3098.0	2962.4



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3172.2	3219.6	3251.5	3246.7	3251.5	3219.6	3172.2	3110.9	3043.9	2960.6	2814.7
-25°	3011.3	3055.3	3085.7	3081.4	3085.7	3055.3	3011.3	2957.7	2891.3	2802.8	2672.2
-27.5°	2841.1	2882.8	2912.0	2913.0	2912.0	2882.8	2841.1	2789.6	2722.9	2633.6	2522.2
-30°	2662.4	2700.2	2724.0	2714.8	2724.0	2700.2	2662.4	2612.4	2550.4	2463.7	2346.2
-32.5°	2478.0	2512.2	2534.0	2540.5	2534.0	2512.2	2478.0	2434.5	2382.3	2302.9	2177.3
-35°	2296.2	2326.3	2345.1	2349.8	2345.1	2326.3	2296.2	2256.5	2205.5	2142.7	2018.6
-37.5°	2115.5	2141.4	2154.5	2148.6	2154.5	2141.4	2115.5	2079.0	2033.1	1979.1	1871.9
-40°	1936.9	1961.6	1976.6	1980.2	1976.6	1961.6	1936.9	1903.8	1861.1	1808.5	1722.5
-42.5°	1761.4	1781.9	1795.1	1801.4	1795.1	1781.9	1761.4	1732.8	1687.9	1629.5	1560.4
-45°	1590.9	1609.3	1621.7	1628.6	1621.7	1609.3	1590.9	1565.4	1521.7	1465.2	1400.5
-47.5°	1425.2	1441.3	1452.0	1457.2	1452.0	1441.3	1425.2	1402.8	1363.7	1307.9	1244.0
-50°	1266.6	1280.6	1290.5	1296.3	1290.5	1280.6	1266.6	1247.2	1214.0	1159.8	1099.1
-52.5°	1116.4	1128.6	1137.1	1141.4	1137.1	1128.6	1116.4	1099.5	1072.9	1021.6	965.8
-55°	972.8	982.7	990.5	995.3	990.5	982.7	972.8	958.9	939.9	892.4	840.9
-57.5°	838.9	847.0	854.4	859.7	854.4	847.0	838.9	827.1	811.6	770.8	725.8
-60°	713.6	721.2	727.6	731.6	727.6	721.2	713.6	703.1	689.9	659.2	622.7
-62.5°	600.5	607.3	613.1	616.9	613.1	607.3	600.5	591.2	579.2	555.6	526.1
-65°	492.1	498.2	502.5	505.1	502.5	498.2	492.1	484.0	473.6	456.7	434.9
-67.5°	400.7	407.7	409.1	408.3	409.1	407.7	400.7	392.3	382.4	369.3	352.9
-70°	319.2	325.1	326.5	326.3	326.5	325.1	319.2	312.4	304.8	295.3	283.1
-72.5°	249.6	252.8	250.1	245.9	250.1	252.8	249.6	245.9	241.9	236.6	227.5
-75°	187.3	185.3	182.4	178.8	182.4	185.3	187.3	189.0	190.3	190.0	183.2
-77.5°	137.2	132.1	128.8	125.2	128.8	132.1	137.2	141.8	146.1	148.7	144.1
-80°	95.5	90.5	87.1	83.4	87.1	90.5	95.5	100.1	104.4	107.9	106.4
-82.5°	60.5	56.4	54.3	52.2	54.3	56.4	60.5	64.4	68.0	71.1	70.2
-85°	33.6	31.2	29.8	28.3	29.8	31.2	33.6	35.9	38.0	39.9	38.8
-87.5°	14.8	14.9	14.1	13.4	14.1	14.9	14.8	14.8	14.8	14.7	14.2
-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: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.2	7.9	7.5	7.1	6.8	6.4	6.0	5.6	5.3	4.9	4.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	0.9	0.8	0.8
65°	0.9	0.6	0.4	0.7	1.1	1.5	1.6	1.4	1.4	1.6	1.9
62.5°	3.0	3.2	2.7	2.3	2.0	2.2	2.4	2.5	2.2	1.8	2.3
60°	9.0	5.5	8.0	8.6	6.8	5.9	8.8	8.4	4.4	3.8	3.4
57.5°	43.3	36.2	39.7	36.1	24.7	21.6	22.3	21.3	19.3	11.8	5.1
55°	149.0	127.7	100.3	86.6	83.5	63.9	47.6	39.7	36.0	26.0	17.2
52.5°	189.3	176.0	155.2	126.7	111.4	105.7	90.4	72.3	57.5	46.0	33.0
50°	237.3	240.9	219.6	180.1	164.5	147.5	132.6	111.8	92.9	74.5	55.0
47.5°	387.1	360.6	339.3	309.8	253.8	218.1	194.6	160.3	134.5	112.2	88.2
45°	516.2	485.8	465.0	419.2	359.7	304.4	267.5	224.5	178.8	149.1	127.2
42.5°	607.8	568.5	534.3	497.0	440.1	377.7	327.0	284.6	236.6	188.3	159.2
40°	697.5	635.2	601.3	567.9	514.3	444.3	404.8	342.4	292.3	238.8	199.1
37.5°	831.3	725.4	713.4	681.2	620.6	547.8	503.4	441.9	348.8	298.4	252.8
35°	1057.3	948.3	885.3	853.7	775.1	682.3	609.3	551.8	459.5	360.2	307.6
32.5°	1306.4	1168.4	1072.8	1027.8	943.4	817.5	727.4	654.3	561.7	449.3	364.9
30°	1447.1	1321.2	1206.1	1129.1	1047.1	938.9	835.4	732.2	631.7	538.7	427.1
27.5°	1578.0	1421.0	1296.9	1210.0	1133.3	1029.2	914.8	804.1	693.6	601.7	502.2
25°	1702.7	1528.7	1393.5	1291.5	1202.2	1119.9	990.5	869.6	754.3	652.8	574.9
22.5°	1818.8	1657.4	1501.6	1368.2	1292.6	1204.2	1076.6	930.2	817.6	732.1	640.5
20°	2010.1	1829.4	1632.1	1516.8	1446.4	1309.8	1165.5	1020.7	917.3	819.4	711.6
17.5°	2325.5	2100.0	1864.1	1740.6	1640.9	1473.4	1289.5	1145.9	1016.7	907.7	789.1
15°	2670.8	2380.5	2146.7	1987.2	1829.4	1633.1	1420.2	1265.1	1118.3	995.7	860.2
12.5°	2841.5	2565.1	2358.3	2133.4	1929.9	1752.0	1550.5	1379.5	1212.9	1053.1	904.2
10°	2943.3	2668.6	2434.7	2210.3	2006.2	1835.1	1648.0	1445.3	1260.3	1091.1	940.9
7.5°	3022.5	2739.5	2490.4	2266.9	2060.2	1879.7	1700.6	1488.1	1298.2	1121.9	970.4
5°	3077.3	2794.7	2542.2	2316.2	2098.5	1911.7	1739.6	1520.5	1326.4	1145.2	992.8
2.5°	3133.9	2837.6	2574.5	2348.0	2122.9	1931.9	1763.2	1545.2	1349.3	1162.5	1011.4
0°	3155.9	2862.3	2597.1	2364.7	2136.7	1940.0	1770.1	1561.5	1364.9	1172.6	1023.6
-2.5°	3170.0	2870.4	2606.0	2375.4	2154.8	1952.7	1777.8	1579.8	1369.8	1183.5	1027.1
-5°	3148.5	2860.9	2598.5	2366.5	2155.2	1953.7	1772.5	1582.5	1368.5	1186.5	1024.5
-7.5°	3122.1	2835.7	2570.4	2342.8	2139.6	1940.3	1756.4	1570.7	1363.8	1181.7	1019.4
-10°	3077.5	2795.5	2542.9	2318.0	2112.3	1911.6	1733.1	1548.2	1348.6	1168.2	1007.6
-12.5°	3017.9	2744.7	2495.2	2272.8	2075.5	1882.0	1707.2	1517.1	1322.6	1145.7	988.8
-15°	2939.2	2678.2	2436.2	2219.4	2028.6	1843.6	1668.9	1482.7	1297.3	1117.9	963.1
-17.5°	2853.1	2590.5	2352.2	2147.9	1966.9	1791.5	1620.1	1446.6	1268.1	1091.9	940.0
-20°	2755.3	2497.4	2261.3	2063.4	1892.6	1726.4	1567.9	1406.2	1227.5	1061.9	915.7

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

Scaled Data Report



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2614.6	2386.8	2170.3	1976.3	1813.0	1660.9	1508.3	1351.9	1175.0	1024.4	882.6
-25°	2475.5	2263.7	2069.1	1890.8	1733.1	1588.7	1440.2	1285.2	1128.2	980.3	842.1
-27.5°	2339.4	2143.3	1949.4	1789.1	1647.4	1506.4	1366.9	1220.2	1075.7	930.7	804.1
-30°	2192.5	2009.0	1834.2	1683.8	1549.7	1419.2	1293.7	1156.8	1014.6	876.9	763.1
-32.5°	2031.1	1870.1	1716.1	1574.4	1449.1	1333.4	1214.3	1084.6	944.1	826.7	715.7
-35°	1874.5	1725.9	1593.0	1468.0	1354.2	1248.4	1133.1	1003.2	879.8	769.7	662.1
-37.5°	1734.4	1589.6	1466.5	1358.8	1263.8	1163.4	1048.5	933.2	817.2	706.2	612.3
-40°	1589.3	1454.2	1344.9	1257.3	1166.4	1076.1	974.9	867.7	753.2	644.8	563.4
-42.5°	1448.7	1339.7	1231.9	1144.3	1062.8	988.8	903.5	795.3	690.0	595.8	517.6
-45°	1311.1	1212.0	1113.6	1033.7	965.9	896.6	820.3	722.0	627.4	546.5	472.8
-47.5°	1169.6	1086.2	1004.1	929.9	869.3	802.0	728.3	645.0	567.5	494.6	429.3
-50°	1033.8	966.2	899.8	835.5	774.1	708.4	642.6	575.3	506.1	442.6	383.4
-52.5°	906.0	849.9	793.9	737.6	683.9	626.4	565.7	505.9	445.1	392.0	339.1
-55°	785.7	737.7	693.2	648.0	602.8	550.9	496.2	442.3	393.8	345.1	301.9
-57.5°	679.2	637.0	601.6	564.8	526.5	480.7	433.8	388.3	348.1	307.7	267.8
-60°	585.1	548.4	518.0	485.9	452.0	413.7	376.5	340.4	305.6	272.6	238.2
-62.5°	496.3	466.6	439.3	412.1	384.6	355.5	323.7	294.6	267.6	239.8	208.7
-65°	412.2	389.0	366.1	344.1	321.5	298.1	272.8	249.7	227.7	205.2	178.3
-67.5°	335.6	317.4	298.8	280.4	262.8	244.2	225.0	205.8	187.8	169.5	147.7
-70°	270.2	256.5	242.0	226.7	212.1	197.5	182.6	167.1	150.7	135.7	120.8
-72.5°	218.1	208.3	197.4	185.0	171.8	159.3	147.2	135.1	122.6	109.8	96.8
-75°	176.2	169.0	160.8	150.4	139.8	128.9	118.7	108.3	96.9	84.5	72.3
-77.5°	139.5	135.1	130.0	121.8	113.4	105.0	95.9	84.6	73.0	61.5	51.5
-80°	104.6	102.5	99.5	92.3	85.1	78.0	70.4	60.5	50.6	41.4	33.9
-82.5°	69.0	67.6	65.7	60.9	56.1	51.5	46.7	39.8	33.2	27.0	21.5
-85°	37.7	36.5	35.1	32.9	30.6	28.4	26.1	22.3	18.7	15.4	12.4
-87.5°	13.8	13.3	12.8	12.4	11.9	11.3	10.8	9.7	8.6	7.6	6.6
-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: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
82.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.8	1.0	1.0	0.8	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.4	1.4	1.0	0.7
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.2	1.5	1.2
72.5°	0.0	0.0	0.0	0.2	0.4	0.4	0.2	0.3	0.9	1.3	1.5
70°	0.2	0.1	0.0	0.2	0.6	0.9	0.9	0.7	0.6	1.1	1.4
67.5°	0.7	0.8	0.6	0.4	0.7	1.0	1.4	1.3	1.2	1.0	1.4
65°	1.7	1.6	1.5	1.3	1.1	1.1	1.5	1.8	1.7	1.5	1.4
62.5°	2.6	2.6	2.4	2.2	1.9	1.7	1.6	2.1	2.3	2.0	1.7
60°	3.4	3.5	3.4	3.1	2.8	2.5	2.2	2.3	2.6	2.5	2.1
57.5°	4.7	4.5	4.5	4.1	3.6	3.2	3.0	2.9	3.0	3.0	2.6
55°	8.2	5.7	5.8	5.3	4.6	4.0	3.8	3.6	3.5	3.4	3.0
52.5°	20.7	11.5	7.4	6.8	6.0	4.9	4.6	4.4	4.1	3.9	3.5
50°	38.2	24.7	14.0	8.8	7.5	6.4	5.3	5.1	4.8	4.4	3.9
47.5°	61.2	42.5	27.6	13.9	9.7	8.0	6.7	5.8	5.4	5.0	4.3
45°	94.2	62.7	43.4	27.4	12.9	11.0	8.2	6.5	6.0	5.5	4.7
42.5°	131.1	92.0	61.0	41.5	24.6	15.2	9.8	7.8	6.6	6.1	5.2
40°	167.2	127.1	81.9	57.2	37.1	20.4	14.1	9.3	7.3	6.7	5.7
37.5°	207.2	164.2	114.7	73.9	49.9	31.2	19.3	10.8	8.2	7.3	6.2
35°	256.7	205.5	147.6	98.5	66.1	41.2	25.2	13.8	10.1	7.9	6.7
32.5°	306.1	246.6	183.1	127.1	83.0	50.4	32.7	19.7	12.3	8.6	7.3
30°	355.9	284.3	216.5	153.6	102.5	65.1	40.9	25.4	14.8	9.3	7.8
27.5°	400.7	319.9	247.8	181.2	125.3	80.7	49.4	30.9	17.6	10.6	8.4
25°	451.3	358.3	278.6	207.6	146.2	97.0	58.2	36.4	21.6	12.7	9.0
22.5°	516.4	397.9	307.1	231.5	166.9	112.6	69.4	43.5	26.1	15.0	9.6
20°	581.1	436.4	335.1	261.5	189.4	130.1	82.4	50.7	30.4	17.3	10.2
17.5°	644.6	485.9	375.7	292.2	213.4	146.4	94.6	57.7	34.4	19.7	10.7
15°	701.5	542.6	415.7	321.2	237.0	161.6	105.9	64.5	38.2	22.1	11.5
12.5°	749.3	591.4	453.4	348.3	259.7	175.4	116.1	71.0	41.6	24.8	12.5
10°	788.9	632.7	488.3	373.3	281.1	187.8	125.4	77.6	45.7	27.7	13.6
7.5°	820.4	666.9	520.1	396.1	300.6	199.5	135.3	84.4	49.6	30.4	14.7
5°	844.2	693.5	544.6	412.4	316.0	210.2	144.5	90.7	53.3	32.9	15.8
2.5°	859.6	713.1	562.8	425.3	328.6	219.2	152.6	96.4	56.6	35.2	16.9
0°	868.7	727.1	576.6	435.1	338.2	226.5	159.4	101.3	59.6	37.3	17.9
-2.5°	876.8	736.3	588.6	452.2	344.8	238.5	163.8	105.8	64.3	38.8	19.7
-5°	879.5	740.3	596.5	465.4	348.8	248.1	166.9	109.4	68.4	40.0	21.4
-7.5°	874.9	737.9	599.3	472.9	350.7	255.0	168.7	112.2	71.8	40.9	22.8
-10°	864.9	729.9	595.6	470.7	353.2	257.1	169.7	114.3	74.2	41.6	24.0
-12.5°	849.9	717.9	587.8	465.7	352.8	255.8	172.5	115.9	75.5	42.0	24.9
-15°	830.3	702.1	575.8	458.3	348.5	252.7	173.2	116.5	75.3	42.9	25.5
-17.5°	807.3	683.0	559.8	448.9	340.3	248.0	171.7	115.8	74.6	44.2	26.0
-20°	784.2	661.7	540.7	437.8	327.8	242.0	167.7	113.7	73.2	45.0	26.5

Classified

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Scaled Data Report



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	757.2	637.3	524.3	422.3	314.3	234.8	161.1	110.1	71.3	45.4	26.8
-25°	726.1	608.8	504.5	400.9	303.7	226.6	154.4	104.9	68.7	45.2	26.7
-27.5°	691.0	578.3	481.3	377.6	292.6	215.1	148.0	101.1	66.6	44.6	26.3
-30°	651.8	549.7	453.4	355.2	279.1	202.7	139.6	96.9	65.6	43.8	25.5
-32.5°	609.5	517.4	423.5	338.0	263.8	189.9	132.2	92.1	64.0	42.7	25.6
-35°	569.9	482.2	393.0	318.3	247.5	182.2	127.3	86.8	61.7	41.2	25.7
-37.5°	527.5	445.4	368.8	297.7	230.4	173.5	123.3	84.4	58.7	39.3	25.6
-40°	486.6	410.4	340.8	278.1	217.7	163.7	117.0	81.8	55.8	37.0	25.3
-42.5°	445.3	377.6	314.0	256.7	205.7	154.1	108.9	77.7	53.5	35.6	24.7
-45°	407.3	343.7	285.5	238.1	192.4	141.9	102.7	72.7	50.6	34.7	24.2
-47.5°	367.3	309.1	259.5	217.7	175.0	128.7	94.9	68.6	47.2	33.4	23.9
-50°	326.0	276.5	235.1	195.3	153.7	117.7	86.4	63.8	46.0	32.5	23.3
-52.5°	289.9	247.7	210.2	172.2	137.7	104.7	80.0	58.7	44.4	31.6	22.5
-55°	258.8	220.4	185.7	153.4	122.4	95.2	72.8	56.3	42.4	30.6	21.5
-57.5°	231.3	195.0	165.6	136.5	109.6	86.1	67.7	53.4	40.3	29.2	20.6
-60°	204.6	174.8	147.3	121.4	97.7	78.2	63.8	50.0	37.8	27.4	19.5
-62.5°	179.9	153.7	129.7	106.3	87.0	71.8	59.2	46.1	34.8	25.1	18.2
-65°	154.0	131.7	111.4	93.0	77.3	64.2	53.3	41.7	30.9	22.3	16.5
-67.5°	127.1	110.7	94.9	79.6	66.7	55.7	46.5	35.8	26.3	19.1	14.4
-70°	105.9	91.4	78.0	66.0	55.5	46.5	38.0	28.9	21.2	16.4	12.3
-72.5°	84.3	72.5	61.5	51.9	44.4	36.8	29.1	22.1	17.5	13.5	10.0
-75°	62.4	54.4	47.2	40.6	33.9	27.2	22.2	17.6	13.8	10.5	8.5
-77.5°	45.3	39.5	34.3	30.1	25.4	21.0	16.7	12.9	10.5	8.7	7.1
-80°	30.8	27.8	24.8	21.9	18.1	14.6	12.1	9.9	8.5	7.1	5.8
-82.5°	19.4	17.8	16.3	14.9	12.7	10.7	9.0	7.5	6.4	5.3	4.7
-85°	11.5	10.7	9.8	9.0	7.8	6.7	6.2	5.8	5.3	4.8	4.3
-87.5°	6.5	6.4	6.3	6.2	5.9	5.6	5.4	5.1	4.7	4.3	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1

Classified

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Scaled Data Report



REPORT NUMBER: P626790 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.0	2.6	2.3	1.9	1.5	1.5	1.5
87.5°	1.1	1.3	1.4	1.5	1.5	1.5	1.5
85°	0.7	1.0	1.2	1.4	1.5	1.5	1.5
82.5°	0.4	0.8	1.1	1.4	1.5	1.5	1.5
80°	0.1	0.6	1.0	1.3	1.5	1.5	1.5
77.5°	0.5	0.5	0.9	1.3	1.5	1.5	1.5
75°	0.8	0.7	0.8	1.2	1.5	1.5	1.5
72.5°	1.2	1.0	1.0	1.2	1.5	1.5	1.5
70°	1.5	1.2	1.1	1.2	1.5	1.5	1.5
67.5°	1.5	1.4	1.2	1.3	1.5	1.5	1.5
65°	1.6	1.6	1.3	1.3	1.5	1.5	1.5
62.5°	1.7	1.7	1.4	1.3	1.5	1.5	1.5
60°	1.8	1.8	1.5	1.4	1.5	1.5	1.5
57.5°	2.1	1.9	1.6	1.4	1.5	1.5	1.5
55°	2.5	2.1	1.8	1.5	1.5	1.5	1.5
52.5°	2.9	2.3	2.0	1.5	1.6	1.5	1.5
50°	3.3	2.6	2.1	1.5	1.6	1.5	1.5
47.5°	3.6	2.9	2.3	1.5	1.6	1.5	1.5
45°	4.0	3.2	2.5	1.7	1.7	1.5	1.5
42.5°	4.3	3.5	2.7	1.8	1.7	1.5	1.5
40°	4.6	3.8	2.9	2.0	1.8	1.5	1.5
37.5°	5.0	4.0	3.1	2.2	1.8	1.5	1.5
35°	5.3	4.3	3.3	2.4	1.9	1.5	1.5
32.5°	5.6	4.5	3.5	2.6	2.0	1.5	1.5
30°	6.1	4.8	3.7	2.8	2.0	1.5	1.5
27.5°	6.5	5.0	3.9	2.9	2.1	1.5	1.5
25°	6.9	5.2	4.2	3.1	2.2	1.5	1.5
22.5°	7.4	5.5	4.4	3.3	2.3	1.5	1.5
20°	7.8	5.7	4.6	3.5	2.4	1.5	1.5
17.5°	8.2	6.0	4.8	3.6	2.5	1.5	1.5
15°	8.6	6.3	5.0	3.8	2.5	1.5	1.5
12.5°	9.0	6.5	5.2	3.9	2.6	1.5	1.5
10°	9.3	6.7	5.4	4.0	2.7	1.5	1.5
7.5°	9.6	6.9	5.6	4.2	2.8	1.5	1.5
5°	9.9	7.1	5.7	4.3	2.9	1.5	1.5
2.5°	10.2	7.3	5.9	4.4	2.9	1.5	1.5
0°	10.4	7.5	6.0	4.5	3.0	1.5	1.5
-2.5°	11.0	7.6	6.1	4.5	3.0	1.5	1.5
-5°	11.5	7.8	6.2	4.5	3.0	1.5	1.5
-7.5°	12.0	7.9	6.3	4.5	3.0	1.5	1.5
-10°	12.4	8.0	6.4	4.4	3.0	1.5	1.5
-12.5°	12.7	8.1	6.4	4.4	2.9	1.5	1.5
-15°	12.9	8.2	6.5	4.3	2.9	1.5	1.5
-17.5°	12.9	8.2	6.5	4.3	2.9	1.5	1.5
-20°	13.2	8.3	6.4	4.2	2.8	1.5	1.5

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CATALOG NUMBER: GFLD-SA1E-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.1	8.3	6.3	4.2	2.8	1.5	1.5
-25°	14.8	8.9	6.2	4.1	2.7	1.5	1.5
-27.5°	15.3	9.6	6.1	4.0	2.7	1.5	1.5
-30°	15.7	10.2	5.9	3.9	2.6	1.5	1.5
-32.5°	15.9	10.7	6.1	3.8	2.5	1.5	1.5
-35°	16.3	11.1	6.3	3.7	2.5	1.5	1.5
-37.5°	16.8	11.3	6.4	3.6	2.4	1.5	1.5
-40°	17.1	11.4	6.4	3.4	2.3	1.5	1.5
-42.5°	17.2	11.4	6.5	3.4	2.2	1.5	1.5
-45°	17.1	11.3	6.5	3.4	2.1	1.5	1.5
-47.5°	16.8	11.2	6.5	3.4	2.0	1.5	1.5
-50°	16.5	10.9	6.3	3.3	1.9	1.5	1.5
-52.5°	16.0	10.5	6.1	3.3	1.8	1.5	1.5
-55°	15.4	10.1	5.9	3.2	1.7	1.5	1.5
-57.5°	14.8	9.6	5.5	3.0	1.6	1.5	1.5
-60°	13.9	8.9	5.2	2.9	1.5	1.5	1.5
-62.5°	12.8	8.1	4.9	2.8	1.5	1.5	1.5
-65°	11.5	7.3	4.6	2.6	1.5	1.5	1.5
-67.5°	10.1	6.5	4.2	2.4	1.5	1.5	1.5
-70°	8.6	5.9	3.8	2.2	1.5	1.5	1.5
-72.5°	7.6	5.3	3.4	2.1	1.5	1.5	1.5
-75°	6.6	4.6	3.0	2.1	1.5	1.5	1.5
-77.5°	5.6	3.9	2.8	2.1	1.5	1.5	1.5
-80°	4.6	3.5	2.7	2.0	1.5	1.5	1.5
-82.5°	4.1	3.3	2.6	2.0	1.5	1.5	1.5
-85°	3.8	3.1	2.5	2.0	1.5	1.5	1.5
-87.5°	3.4	2.9	2.4	1.9	1.5	1.5	1.5
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)