

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: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626690 (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-SA1C-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

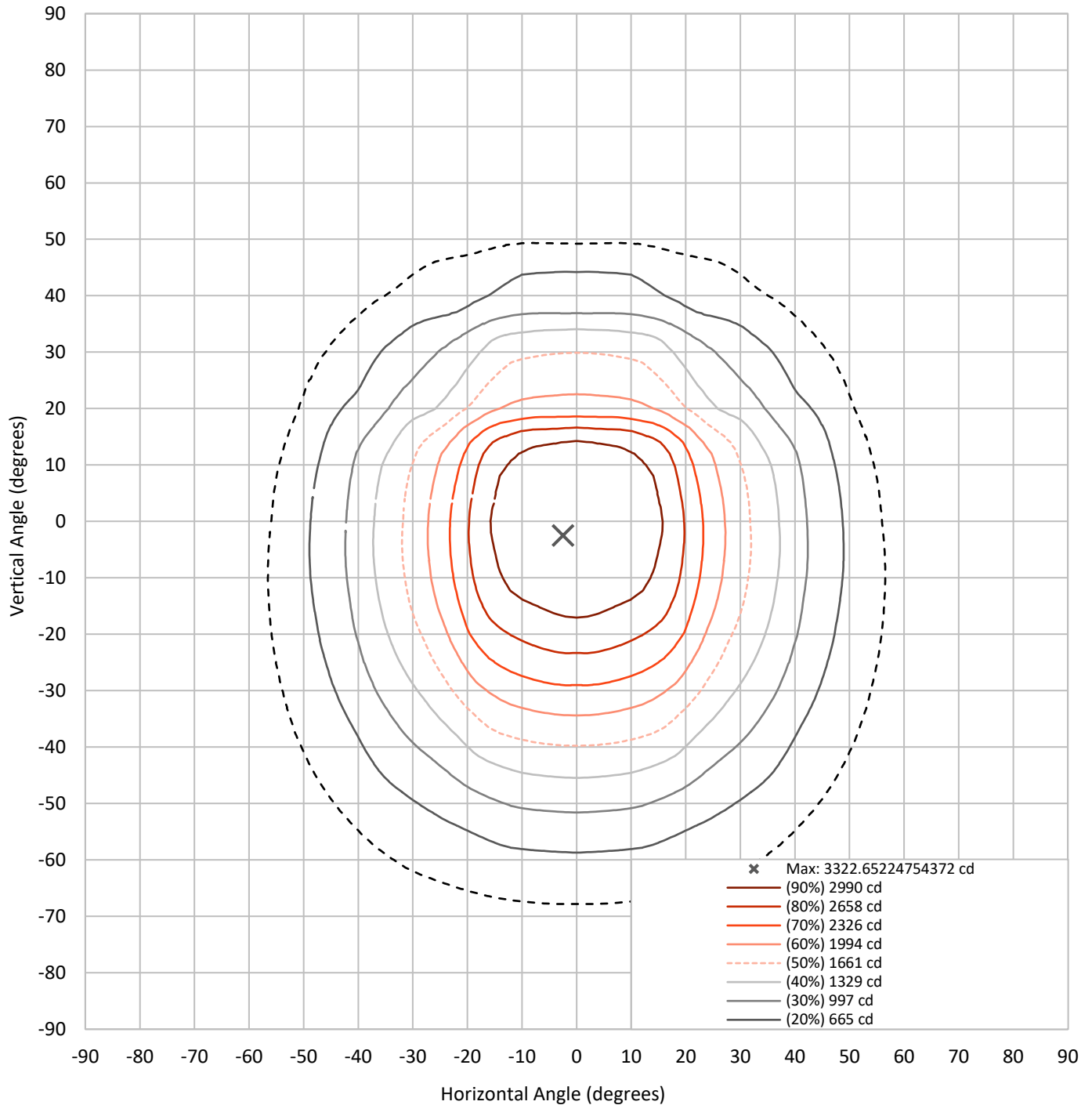
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4434.2 lumens	Max Intensity:	3322.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	101.9 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:	2565.5 lumens	Field Lumens:	4207.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
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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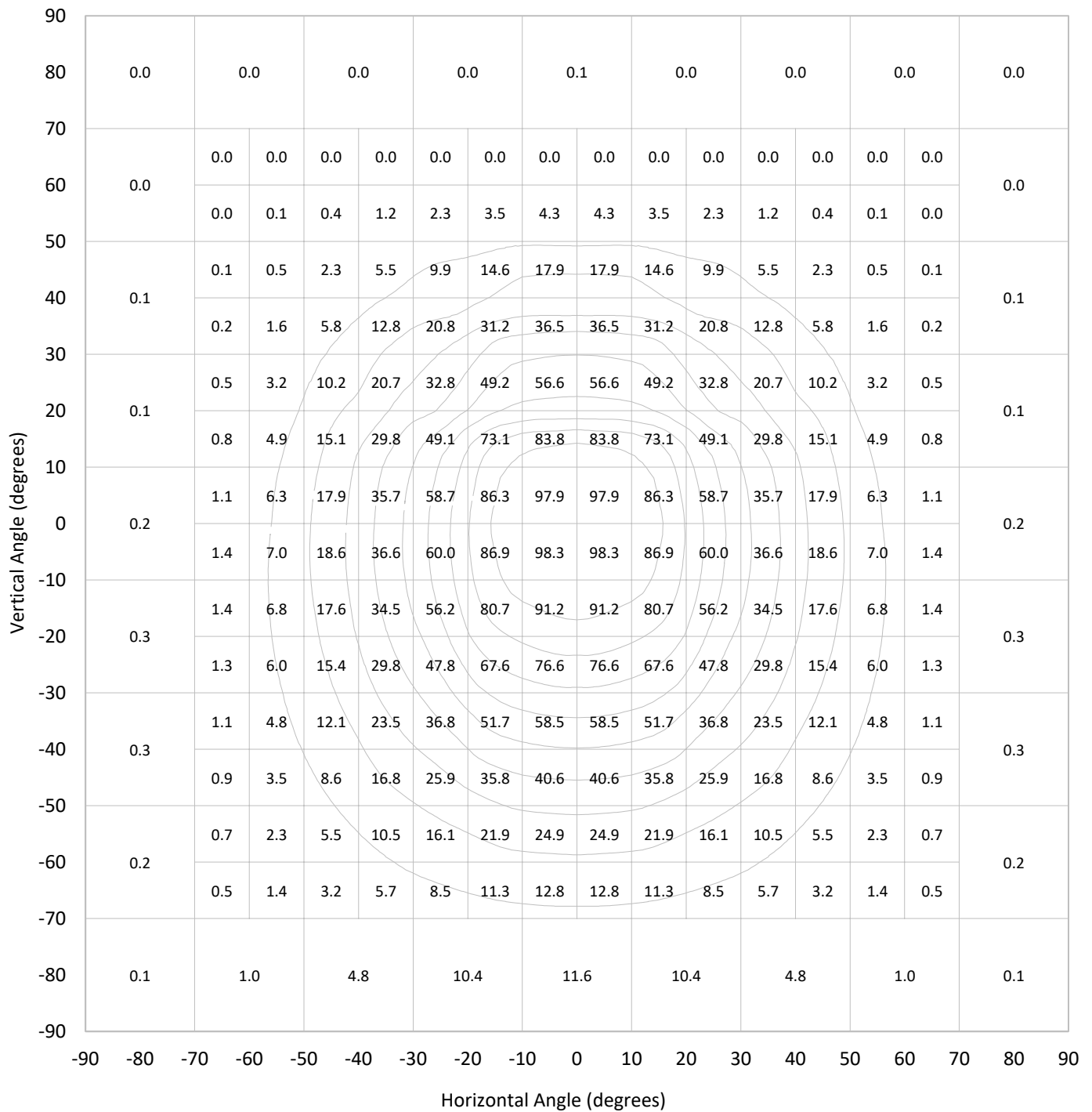
Iso-Candela Plot





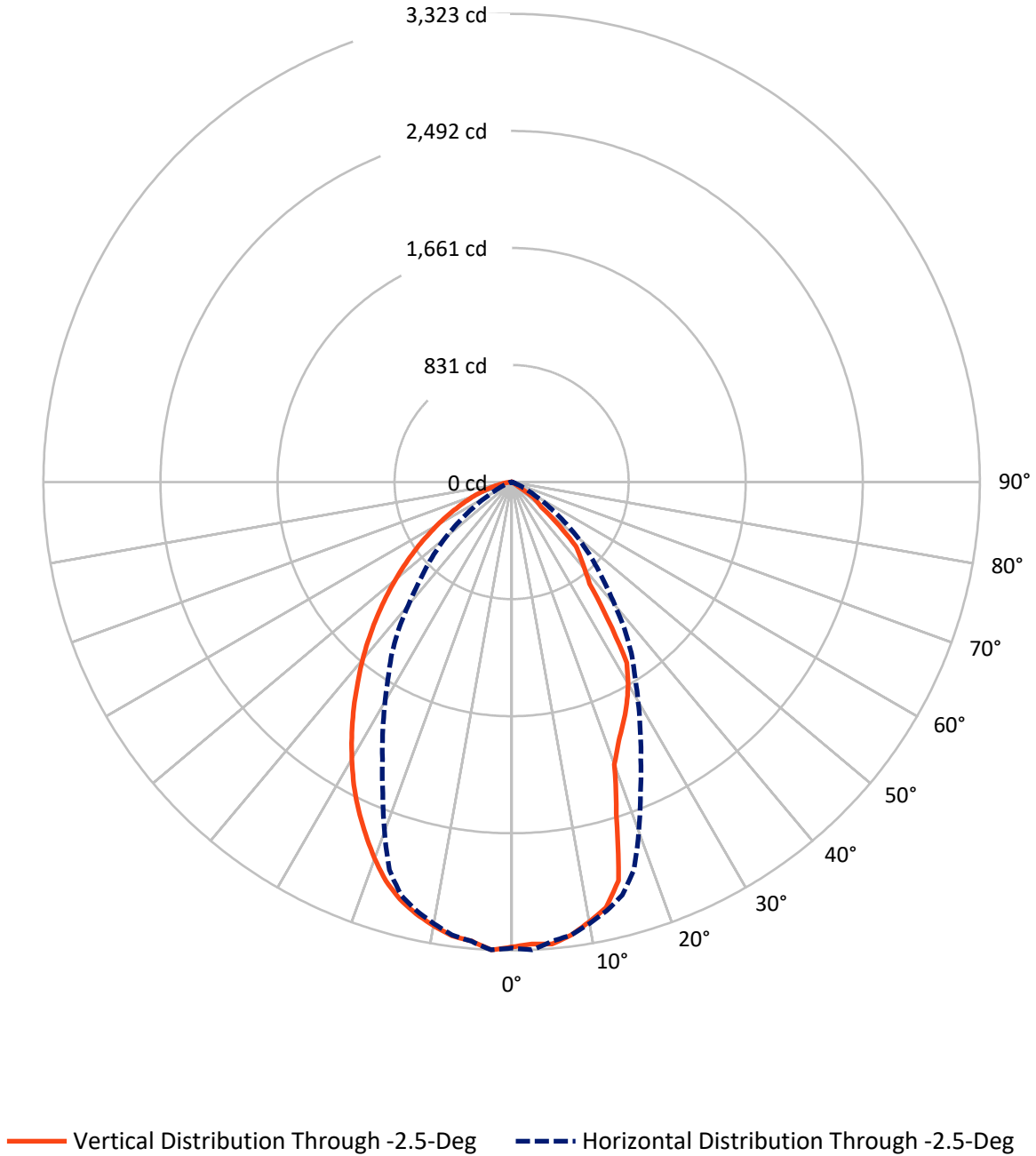
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Lumen Table



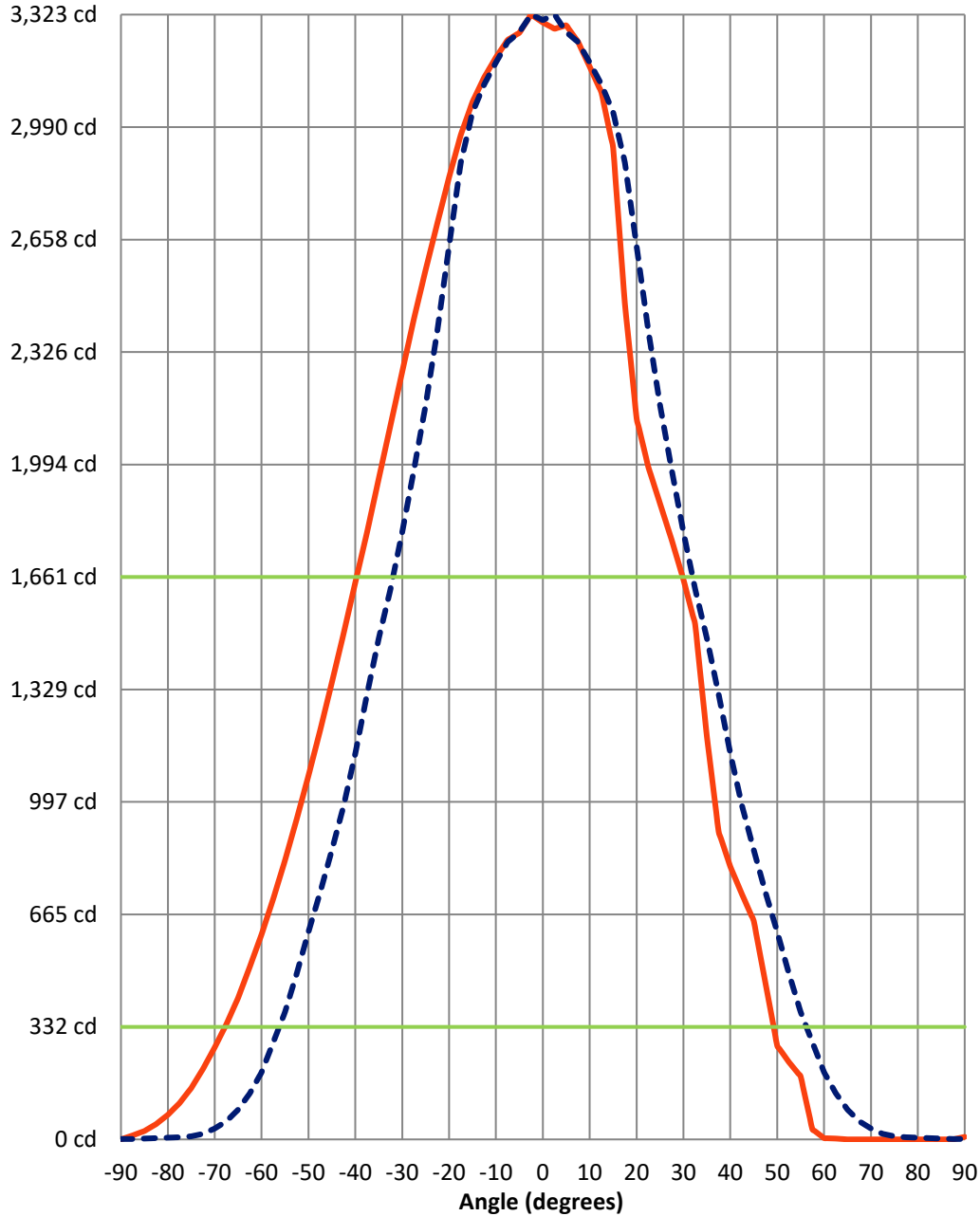
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2565.5
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 4207.8
 Efficiency: 94.9%

Spill:
 Lumens: 226.4
 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°	1.2	1.2	1.2	1.5	1.9	2.2	2.5	2.8	3.1	3.4	3.7
87.5°	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.6	0.4	0.2	0.0
85°	1.2	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0
82.5°	1.2	1.2	1.2	1.1	0.9	0.6	0.3	0.1	0.0	0.2	0.3
80°	1.2	1.2	1.2	1.1	0.8	0.4	0.1	0.2	0.4	0.6	0.8
77.5°	1.2	1.2	1.2	1.0	0.7	0.4	0.4	0.6	0.8	1.1	1.1
75°	1.2	1.2	1.2	1.0	0.7	0.6	0.7	0.9	1.2	1.0	0.6
72.5°	1.2	1.2	1.2	1.0	0.8	0.8	1.0	1.2	1.0	0.7	0.2
70°	1.2	1.2	1.2	1.0	0.9	1.0	1.2	1.1	0.9	0.5	0.6
67.5°	1.2	1.2	1.2	1.0	1.0	1.1	1.2	1.1	0.8	0.9	1.1
65°	1.2	1.2	1.2	1.0	1.0	1.2	1.3	1.1	1.2	1.4	1.5
62.5°	1.2	1.2	1.2	1.1	1.1	1.3	1.4	1.4	1.7	1.9	1.7
60°	1.2	1.2	1.2	1.1	1.2	1.5	1.4	1.8	2.1	2.1	1.9
57.5°	1.2	1.2	1.2	1.1	1.3	1.6	1.7	2.1	2.5	2.5	2.4
55°	1.2	1.2	1.2	1.2	1.5	1.7	2.1	2.5	2.8	2.9	3.0
52.5°	1.2	1.2	1.3	1.2	1.6	1.9	2.4	2.9	3.2	3.4	3.6
50°	1.2	1.2	1.3	1.2	1.7	2.1	2.7	3.2	3.7	4.0	4.2
47.5°	1.2	1.2	1.3	1.2	1.9	2.4	3.0	3.6	4.1	4.5	4.8
45°	1.2	1.2	1.4	1.3	2.0	2.6	3.3	3.9	4.6	5.0	5.3
42.5°	1.2	1.2	1.4	1.5	2.2	2.9	3.6	4.3	5.1	5.5	6.5
40°	1.2	1.2	1.4	1.6	2.4	3.1	3.8	4.7	5.5	6.0	7.7
37.5°	1.2	1.2	1.5	1.8	2.6	3.3	4.1	5.2	6.1	6.8	9.0
35°	1.2	1.2	1.6	2.0	2.7	3.5	4.4	5.6	6.6	8.4	11.4
32.5°	1.2	1.2	1.6	2.1	2.9	3.8	4.7	6.1	7.2	10.2	16.4
30°	1.2	1.2	1.7	2.3	3.0	4.0	5.0	6.5	7.7	12.3	21.1
27.5°	1.2	1.2	1.7	2.4	3.2	4.2	5.4	7.0	8.8	14.6	25.7
25°	1.2	1.2	1.8	2.6	3.4	4.3	5.8	7.5	10.6	18.0	30.3
22.5°	1.2	1.2	1.9	2.7	3.6	4.5	6.1	8.0	12.4	21.8	36.3
20°	1.2	1.2	2.0	2.9	3.8	4.8	6.5	8.5	14.4	25.3	42.2
17.5°	1.2	1.2	2.0	3.0	4.0	5.0	6.8	8.9	16.4	28.7	48.0
15°	1.2	1.2	2.1	3.1	4.1	5.2	7.2	9.6	18.4	31.8	53.7
12.5°	1.2	1.2	2.2	3.2	4.3	5.4	7.5	10.4	20.6	34.7	59.1
10°	1.2	1.2	2.2	3.3	4.5	5.6	7.8	11.3	23.0	38.1	64.5
7.5°	1.2	1.2	2.3	3.4	4.6	5.7	8.1	12.3	25.3	41.3	70.2
5°	1.2	1.2	2.4	3.5	4.8	5.9	8.3	13.2	27.4	44.4	75.5
2.5°	1.2	1.2	2.4	3.6	4.9	6.1	8.5	14.1	29.3	47.1	80.2
0°	1.2	1.2	2.5	3.7	5.0	6.2	8.7	14.9	31.0	49.6	84.3
-2.5°	1.2	1.2	2.5	3.7	5.1	6.3	9.2	16.4	32.2	53.5	88.0
-5°	1.2	1.2	2.5	3.7	5.2	6.4	9.6	17.8	33.2	57.0	91.0
-7.5°	1.2	1.2	2.5	3.7	5.3	6.5	10.0	19.0	34.0	59.8	93.4
-10°	1.2	1.2	2.5	3.6	5.3	6.6	10.3	20.0	34.6	61.8	95.2
-12.5°	1.2	1.2	2.4	3.6	5.3	6.7	10.6	20.7	35.0	62.9	96.5
-15°	1.2	1.2	2.4	3.6	5.4	6.8	10.7	21.2	35.7	62.8	97.0
-17.5°	1.2	1.2	2.4	3.5	5.3	6.8	10.7	21.6	36.8	62.1	96.4
-20°	1.2	1.2	2.3	3.5	5.3	6.9	11.0	22.1	37.5	61.0	94.7

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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°	1.2	1.2	2.3	3.4	5.2	6.9	11.7	22.3	37.8	59.4	91.7
-25°	1.2	1.2	2.3	3.4	5.1	7.4	12.3	22.2	37.7	57.3	87.4
-27.5°	1.2	1.2	2.2	3.3	5.0	7.9	12.8	21.9	37.1	55.5	84.2
-30°	1.2	1.2	2.2	3.2	4.9	8.4	13.1	21.3	36.4	54.7	80.7
-32.5°	1.2	1.2	2.1	3.1	5.1	8.9	13.2	21.3	35.5	53.3	76.7
-35°	1.2	1.2	2.0	3.0	5.2	9.2	13.6	21.4	34.3	51.4	72.3
-37.5°	1.2	1.2	2.0	3.0	5.3	9.4	14.0	21.3	32.7	48.8	70.3
-40°	1.2	1.2	1.9	2.9	5.3	9.5	14.2	21.1	30.8	46.5	68.1
-42.5°	1.2	1.2	1.8	2.8	5.4	9.5	14.3	20.6	29.7	44.5	64.7
-45°	1.2	1.2	1.7	2.8	5.4	9.4	14.2	20.1	28.9	42.2	60.5
-47.5°	1.2	1.2	1.7	2.8	5.3	9.2	14.0	19.8	27.9	39.3	57.1
-50°	1.2	1.2	1.6	2.8	5.3	9.0	13.7	19.4	27.0	38.3	53.2
-52.5°	1.2	1.2	1.5	2.7	5.1	8.7	13.3	18.7	26.3	37.0	48.9
-55°	1.2	1.2	1.4	2.6	4.9	8.4	12.8	17.8	25.5	35.3	46.9
-57.5°	1.2	1.2	1.3	2.5	4.6	7.9	12.2	17.1	24.3	33.5	44.5
-60°	1.2	1.2	1.2	2.4	4.3	7.4	11.5	16.2	22.7	31.4	41.7
-62.5°	1.2	1.2	1.2	2.3	4.0	6.8	10.6	15.1	20.8	28.9	38.4
-65°	1.2	1.2	1.2	2.1	3.8	6.1	9.6	13.7	18.6	25.7	34.7
-67.5°	1.2	1.2	1.2	1.9	3.5	5.4	8.4	12.0	15.9	21.8	29.8
-70°	1.2	1.2	1.2	1.8	3.2	4.9	7.2	10.2	13.6	17.6	24.1
-72.5°	1.2	1.2	1.2	1.7	2.8	4.4	6.3	8.3	11.2	14.6	18.4
-75°	1.2	1.2	1.2	1.7	2.4	3.8	5.5	7.0	8.7	11.5	14.6
-77.5°	1.2	1.2	1.2	1.7	2.3	3.2	4.6	5.9	7.3	8.7	10.7
-80°	1.2	1.2	1.2	1.7	2.2	2.9	3.8	4.8	5.9	7.0	8.3
-82.5°	1.2	1.2	1.2	1.6	2.1	2.7	3.4	3.9	4.4	5.3	6.3
-85°	1.2	1.2	1.2	1.6	2.1	2.6	3.1	3.5	3.9	4.4	4.8
-87.5°	1.2	1.2	1.2	1.6	2.0	2.4	2.8	3.2	3.5	3.9	4.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.3	0.0



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.4	4.7
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	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.7	0.5	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.2
67.5°	1.1	0.8	0.5	0.3	0.5	0.6	0.6	0.6	0.7	0.7	0.6
65°	1.2	0.9	0.9	1.1	1.2	1.3	1.4	1.5	1.3	1.1	1.1
62.5°	1.3	1.4	1.6	1.8	2.0	2.2	2.2	1.9	1.4	1.8	2.1
60°	1.8	2.0	2.3	2.5	2.8	2.9	2.8	2.8	3.1	3.6	7.0
57.5°	2.5	2.7	3.0	3.4	3.7	3.7	3.9	4.2	9.8	16.1	17.7
55°	3.1	3.3	3.8	4.4	4.8	4.8	6.8	14.3	21.6	30.0	33.0
52.5°	3.8	4.0	4.9	5.7	6.1	9.6	17.2	27.5	38.2	47.8	60.2
50°	4.4	5.3	6.2	7.3	11.7	20.6	31.8	45.8	62.0	77.3	93.0
47.5°	5.5	6.6	8.0	11.5	23.0	35.4	50.9	73.4	93.4	112.0	133.5
45°	6.8	9.2	10.7	22.8	36.2	52.2	78.5	105.9	124.1	148.9	186.9
42.5°	8.2	12.7	20.5	34.5	50.7	76.6	109.2	132.6	156.8	196.9	236.9
40°	11.7	17.0	30.9	47.6	68.2	105.8	139.2	165.8	198.8	243.3	285.1
37.5°	16.1	26.0	41.5	61.5	95.5	136.7	172.5	210.4	248.4	290.4	367.8
35°	20.9	34.3	55.0	82.0	122.9	171.0	213.7	256.1	299.8	382.5	459.4
32.5°	27.3	42.0	69.1	105.8	152.4	205.3	254.9	303.8	374.0	467.6	544.7
30°	34.1	54.3	85.3	127.8	180.2	236.7	296.3	355.5	448.4	525.8	609.6
27.5°	41.2	67.2	104.3	150.8	206.3	266.3	333.5	418.0	500.9	577.4	669.4
25°	48.5	80.8	121.7	172.8	231.9	298.3	375.6	478.5	543.3	627.9	723.9
22.5°	57.8	93.7	138.9	192.8	255.7	331.2	429.8	533.1	609.4	680.6	774.3
20°	68.6	108.3	157.6	217.7	278.9	363.3	483.7	592.4	682.1	763.6	849.7
17.5°	78.8	121.9	177.7	243.2	312.8	404.5	536.6	656.8	755.6	846.3	953.9
15°	88.1	134.5	197.3	267.4	346.1	451.7	584.0	716.0	828.8	930.9	1053.1
12.5°	96.7	146.0	216.2	289.9	377.4	492.3	623.8	752.7	876.6	1009.7	1148.3
10°	104.4	156.4	234.0	310.8	406.5	526.7	656.6	783.2	908.3	1049.1	1203.1
7.5°	112.7	166.0	250.2	329.7	433.0	555.2	682.9	807.7	933.9	1080.6	1238.7
5°	120.3	174.9	263.1	343.3	453.4	577.3	702.7	826.3	953.3	1104.1	1265.7
2.5°	127.0	182.4	273.6	354.0	468.6	593.6	715.5	841.9	967.7	1123.2	1286.3
0°	132.7	188.5	281.6	362.2	480.0	605.3	723.1	852.1	976.1	1136.1	1299.9
-2.5°	136.3	198.5	287.1	376.4	490.0	612.9	729.9	855.0	985.2	1140.2	1315.1
-5°	138.9	206.5	290.4	387.4	496.5	616.3	732.1	852.8	987.7	1139.2	1317.3
-7.5°	140.4	212.2	291.9	393.7	498.8	614.2	728.4	848.6	983.7	1135.3	1307.5
-10°	141.2	214.0	294.0	391.8	495.8	607.6	720.0	838.7	972.4	1122.6	1288.8
-12.5°	143.6	212.9	293.6	387.6	489.3	597.6	707.5	823.1	953.7	1101.0	1262.9
-15°	144.2	210.3	290.1	381.5	479.3	584.4	691.2	801.7	930.6	1079.9	1234.3
-17.5°	142.9	206.5	283.2	373.7	466.0	568.5	672.0	782.5	908.9	1055.6	1204.2
-20°	139.6	201.5	272.9	364.4	450.1	550.8	652.8	762.2	883.9	1021.9	1170.6

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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°	134.1	195.4	261.6	351.5	436.5	530.5	630.3	734.7	852.7	978.1	1125.4
-25°	128.5	188.6	252.8	333.8	420.0	506.8	604.4	701.1	816.0	939.1	1069.9
-27.5°	123.2	179.1	243.6	314.3	400.7	481.4	575.2	669.4	774.7	895.4	1015.8
-30°	116.3	168.8	232.4	295.6	377.5	457.6	542.6	635.3	730.0	844.6	963.0
-32.5°	110.1	158.1	219.6	281.4	352.6	430.7	507.4	595.8	688.2	785.9	902.9
-35°	106.0	151.7	206.1	265.0	327.1	401.5	474.4	551.2	640.7	732.4	835.1
-37.5°	102.7	144.5	191.8	247.9	307.0	370.8	439.1	509.7	587.8	680.2	776.8
-40°	97.4	136.3	181.2	231.5	283.7	341.7	405.1	469.0	536.7	627.0	722.3
-42.5°	90.7	128.3	171.3	213.7	261.4	314.3	370.7	430.9	496.0	574.4	662.0
-45°	85.5	118.2	160.2	198.2	237.7	286.1	339.0	393.5	454.9	522.3	601.0
-47.5°	79.0	107.2	145.7	181.2	216.0	257.3	305.7	357.4	411.7	472.4	536.9
-50°	72.0	98.0	128.0	162.6	195.7	230.1	271.4	319.2	368.5	421.4	478.9
-52.5°	66.7	87.2	114.6	143.4	175.0	206.2	241.3	282.3	326.3	370.5	421.2
-55°	60.6	79.3	101.9	127.7	154.6	183.4	215.5	251.3	287.2	327.8	368.2
-57.5°	56.4	71.7	91.3	113.7	137.8	162.3	192.6	222.9	256.1	289.7	323.3
-60°	53.1	65.1	81.3	101.1	122.6	145.5	170.3	198.3	226.9	254.3	283.3
-62.5°	49.3	59.8	72.5	88.6	108.0	128.0	149.8	173.8	199.7	222.7	245.2
-65°	44.4	53.5	64.4	77.5	92.8	109.6	128.2	148.4	170.8	189.6	207.9
-67.5°	38.7	46.4	55.5	66.2	79.0	92.2	105.8	122.9	141.1	156.4	171.3
-70°	31.6	38.7	46.2	55.0	64.9	76.1	88.1	100.5	113.0	125.5	139.1
-72.5°	24.2	30.7	37.0	43.3	51.2	60.4	70.1	80.6	91.4	102.1	112.5
-75°	18.4	22.6	28.2	33.8	39.4	45.3	51.9	60.2	70.3	80.6	90.1
-77.5°	13.9	17.4	21.1	25.0	28.5	32.9	37.7	42.8	51.2	60.7	70.4
-80°	10.1	12.2	15.1	18.2	20.7	23.1	25.6	28.2	34.4	42.1	50.3
-82.5°	7.5	8.9	10.5	12.4	13.6	14.8	16.1	17.8	22.4	27.6	33.1
-85°	5.2	5.6	6.5	7.5	8.1	8.8	9.6	10.3	12.8	15.5	18.5
-87.5°	4.4	4.6	4.9	5.1	5.2	5.3	5.4	5.5	6.3	7.2	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.4	7.4
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°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.2	0.9	0.6	0.3	0.5	0.8	0.9	0.9	0.8	0.6
62.5°	1.9	1.8	1.6	1.9	2.3	2.6	2.5	2.4	2.2	2.1	2.2
60°	7.3	4.9	5.7	7.1	6.6	4.5	7.5	8.5	7.2	4.9	4.8
57.5°	18.6	17.9	20.5	30.0	33.0	30.1	36.0	43.7	43.5	37.4	37.2
55°	39.6	53.1	69.5	72.1	83.5	106.3	124.0	116.3	116.2	122.1	140.9
52.5°	75.2	88.0	92.8	105.4	129.2	146.5	157.6	169.1	181.6	194.4	207.4
50°	110.4	122.8	136.9	149.9	182.8	200.5	197.5	221.3	251.7	270.7	280.5
47.5°	162.0	181.5	211.2	257.8	282.4	300.2	322.3	349.2	384.0	431.3	467.7
45°	222.6	253.4	299.4	349.0	387.1	404.4	429.7	471.3	526.9	581.0	620.5
42.5°	272.2	314.4	366.4	413.7	444.8	473.3	506.0	541.1	604.7	662.5	708.2
40°	337.0	369.9	428.1	472.7	500.5	528.8	580.6	633.2	693.1	746.9	784.3
37.5°	419.1	456.0	516.6	567.0	593.8	603.9	692.0	765.2	813.8	882.5	905.0
35°	507.2	568.0	645.2	710.6	736.9	789.3	880.1	982.3	1093.0	1133.7	1168.5
32.5°	605.5	680.5	785.3	855.5	893.0	972.6	1087.5	1196.6	1341.4	1420.0	1443.4
30°	695.4	781.6	871.6	939.9	1004.0	1099.8	1204.5	1339.1	1473.0	1573.4	1604.6
27.5°	761.5	856.8	943.4	1007.3	1079.6	1182.8	1313.5	1449.7	1581.1	1683.6	1720.1
25°	824.5	932.2	1000.8	1075.1	1160.0	1272.6	1417.4	1568.7	1698.1	1784.7	1829.4
22.5°	896.2	1002.4	1076.0	1138.9	1249.9	1379.7	1514.1	1685.0	1822.2	1891.3	1939.7
20°	970.2	1090.3	1204.0	1262.6	1358.6	1522.9	1673.3	1834.7	1967.2	2039.2	2090.2
17.5°	1073.4	1226.5	1366.0	1448.9	1551.7	1748.1	1935.9	2099.2	2283.3	2348.4	2410.8
15°	1182.2	1359.5	1522.8	1654.1	1787.0	1981.6	2223.3	2420.3	2630.5	2724.4	2830.6
12.5°	1290.7	1458.5	1606.5	1775.8	1963.1	2135.3	2365.3	2610.7	2801.5	2921.2	2992.6
10°	1371.8	1527.6	1670.0	1839.8	2026.8	2221.5	2450.1	2701.6	2901.3	3003.5	3061.8
7.5°	1415.6	1564.7	1714.9	1887.0	2073.1	2280.4	2516.0	2765.6	2969.8	3068.7	3126.3
5°	1448.1	1591.3	1746.8	1928.0	2116.2	2326.4	2561.6	2808.3	2994.4	3099.6	3172.4
2.5°	1467.8	1608.2	1767.2	1954.5	2143.1	2362.1	2608.7	2864.3	3027.2	3111.8	3178.8
0°	1473.5	1614.9	1778.6	1968.4	2161.9	2382.7	2627.0	2880.0	3045.0	3126.9	3195.1
-2.5°	1479.9	1625.6	1793.7	1977.4	2169.3	2389.4	2638.9	2885.4	3033.8	3116.4	3181.3
-5°	1475.4	1626.4	1794.0	1970.0	2163.1	2381.5	2620.9	2851.5	3006.7	3096.0	3160.5
-7.5°	1462.1	1615.2	1781.1	1950.2	2139.6	2360.5	2598.9	2820.9	2978.2	3072.3	3142.9
-10°	1442.7	1591.3	1758.4	1929.6	2116.7	2327.0	2561.7	2782.4	2932.9	3032.9	3115.2
-12.5°	1421.2	1566.6	1727.7	1892.0	2077.0	2284.7	2512.2	2721.1	2870.7	2979.7	3038.5
-15°	1389.3	1534.6	1688.6	1847.5	2027.9	2229.4	2446.6	2647.0	2794.0	2882.7	2947.7
-17.5°	1348.7	1491.3	1637.3	1788.0	1958.0	2156.4	2375.0	2572.6	2692.4	2771.7	2835.6
-20°	1305.2	1437.1	1575.4	1717.6	1882.4	2078.9	2293.6	2466.0	2578.9	2655.0	2715.3



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	1255.5	1382.6	1509.2	1645.2	1806.7	1986.9	2176.5	2343.1	2464.4	2533.8	2589.5
-25°	1198.9	1322.5	1442.7	1574.0	1722.5	1884.4	2060.7	2224.4	2333.1	2406.8	2462.1
-27.5°	1137.8	1254.0	1371.4	1489.3	1622.8	1784.1	1947.4	2099.5	2192.3	2266.5	2322.1
-30°	1076.9	1181.3	1290.0	1401.6	1526.9	1672.4	1825.1	1953.0	2050.9	2123.0	2174.6
-32.5°	1010.9	1110.0	1206.2	1310.5	1428.5	1556.7	1690.8	1812.5	1917.0	1983.1	2026.6
-35°	943.3	1039.2	1127.3	1222.0	1326.0	1436.7	1560.4	1680.4	1783.6	1835.9	1878.3
-37.5°	872.8	968.5	1052.0	1131.1	1220.7	1323.2	1443.7	1558.2	1647.4	1692.3	1730.5
-40°	811.5	895.8	971.0	1046.7	1119.5	1210.5	1323.0	1433.8	1505.4	1549.2	1584.7
-42.5°	752.1	823.1	884.7	952.5	1025.5	1115.2	1206.0	1298.9	1356.4	1405.1	1442.5
-45°	682.9	746.3	804.1	860.5	927.0	1008.9	1091.4	1165.9	1219.7	1266.7	1303.1
-47.5°	606.3	667.6	723.6	774.1	835.9	904.2	973.6	1035.6	1088.8	1135.2	1167.7
-50°	534.9	589.7	644.4	695.5	749.0	804.3	860.6	914.9	965.5	1010.6	1038.3
-52.5°	471.0	521.5	569.3	614.0	660.8	707.5	754.1	803.9	850.4	893.1	915.2
-55°	413.1	458.7	501.8	539.4	577.0	614.1	654.1	700.0	742.8	782.4	798.2
-57.5°	361.2	400.2	438.4	470.2	500.9	530.3	565.4	604.2	641.6	675.6	688.5
-60°	313.4	344.3	376.3	404.5	431.3	456.5	487.1	518.3	548.7	574.2	585.3
-62.5°	269.4	295.9	320.1	343.1	365.7	388.5	413.2	437.9	462.5	482.1	492.1
-65°	227.1	248.2	267.6	286.4	304.7	323.8	343.2	362.0	380.2	394.3	402.9
-67.5°	187.3	203.3	218.7	233.4	248.7	264.2	279.3	293.8	307.4	318.3	326.6
-70°	152.1	164.5	176.5	188.7	201.5	213.5	224.9	235.7	245.9	253.7	260.1
-72.5°	122.6	132.6	143.1	154.0	164.3	173.3	181.5	189.4	197.0	201.4	204.7
-75°	98.8	107.2	116.3	125.2	133.9	140.7	146.7	152.5	158.1	158.4	157.3
-77.5°	79.8	87.4	94.4	101.4	108.3	112.5	116.2	119.9	123.8	121.5	118.0
-80°	58.6	64.9	70.9	76.9	82.8	85.3	87.1	88.6	89.9	87.0	83.4
-82.5°	38.9	42.8	46.7	50.7	54.7	56.3	57.5	58.4	59.2	56.6	53.6
-85°	21.7	23.6	25.5	27.4	29.3	30.4	31.4	32.3	33.2	31.6	29.8
-87.5°	9.0	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.2	12.3	12.3
-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: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.1
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	0.6	0.8	0.9	0.9
62.5°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2	2.1	2.2	2.4
60°	4.4	3.8	3.7	3.7	3.7	3.8	4.4	4.8	4.9	7.2	8.5
57.5°	34.4	29.4	30.2	33.5	30.2	29.4	34.4	37.2	37.4	43.5	43.7
55°	160.7	179.4	186.0	182.3	186.0	179.4	160.7	140.9	122.1	116.2	116.3
52.5°	217.7	225.4	228.3	228.2	228.3	225.4	217.7	207.4	194.4	181.6	169.1
50°	283.4	280.8	276.8	272.9	276.8	280.8	283.4	280.5	270.7	251.7	221.3
47.5°	473.0	464.8	461.4	467.6	461.4	464.8	473.0	467.7	431.3	384.0	349.2
45°	628.6	638.2	645.4	645.0	645.4	638.2	628.6	620.5	581.0	526.9	471.3
42.5°	717.1	722.2	723.7	721.9	723.7	722.2	717.1	708.2	662.5	604.7	541.1
40°	796.1	802.2	805.6	808.7	805.6	802.2	796.1	784.3	746.9	693.1	633.2
37.5°	912.4	914.7	909.8	906.7	909.8	914.7	912.4	905.0	882.5	813.8	765.2
35°	1197.8	1203.6	1190.1	1204.4	1190.1	1203.6	1197.8	1168.5	1133.7	1093.0	982.3
32.5°	1471.4	1498.8	1520.9	1539.3	1520.9	1498.8	1471.4	1443.4	1420.0	1341.4	1196.6
30°	1626.4	1644.0	1653.5	1655.8	1653.5	1644.0	1626.4	1604.6	1573.4	1473.0	1339.1
27.5°	1740.2	1758.7	1770.2	1778.6	1770.2	1758.7	1740.2	1720.1	1683.6	1581.1	1449.7
25°	1849.9	1866.8	1878.3	1882.8	1878.3	1866.8	1849.9	1829.4	1784.7	1698.1	1568.7
22.5°	1963.7	1975.5	1986.5	1992.0	1986.5	1975.5	1963.7	1939.7	1891.3	1822.2	1685.0
20°	2126.8	2120.5	2130.6	2127.2	2130.6	2120.5	2126.8	2090.2	2039.2	1967.2	1834.7
17.5°	2459.3	2462.8	2469.5	2480.7	2469.5	2462.8	2459.3	2410.8	2348.4	2283.3	2099.2
15°	2877.5	2885.9	2928.7	2966.9	2928.7	2885.9	2877.5	2830.6	2724.4	2630.5	2420.3
12.5°	3058.9	3088.1	3092.6	3103.3	3092.6	3088.1	3058.9	2992.6	2921.2	2801.5	2610.7
10°	3119.5	3169.9	3168.8	3181.4	3168.8	3169.9	3119.5	3061.8	3003.5	2901.3	2701.6
7.5°	3165.3	3219.5	3242.4	3252.1	3242.4	3219.5	3165.3	3126.3	3068.7	2969.8	2765.6
5°	3221.5	3251.2	3290.7	3279.4	3290.7	3251.2	3221.5	3172.4	3099.6	2994.4	2808.3
2.5°	3245.0	3291.6	3280.8	3291.8	3280.8	3291.6	3245.0	3178.8	3111.8	3027.2	2864.3
0°	3260.8	3294.3	3299.3	3310.4	3299.3	3294.3	3260.8	3195.1	3126.9	3045.0	2880.0
-2.5°	3241.6	3271.1	3322.7	3306.7	3322.7	3271.1	3241.6	3181.3	3116.4	3033.8	2885.4
-5°	3224.7	3297.3	3269.1	3304.2	3269.1	3297.3	3224.7	3160.5	3096.0	3006.7	2851.5
-7.5°	3216.0	3229.0	3247.7	3274.5	3247.7	3229.0	3216.0	3142.9	3072.3	2978.2	2820.9
-10°	3148.7	3162.0	3196.3	3214.9	3196.3	3162.0	3148.7	3115.2	3032.9	2932.9	2782.4
-12.5°	3075.7	3101.4	3137.4	3149.2	3137.4	3101.4	3075.7	3038.5	2979.7	2870.7	2721.1
-15°	2991.6	3029.8	3064.9	3072.3	3064.9	3029.8	2991.6	2947.7	2882.7	2794.0	2647.0
-17.5°	2884.7	2930.4	2967.4	2975.6	2967.4	2930.4	2884.7	2835.6	2771.7	2692.4	2572.6
-20°	2766.8	2810.6	2842.1	2851.5	2842.1	2810.6	2766.8	2715.3	2655.0	2578.9	2466.0



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	2640.6	2680.1	2706.7	2702.7	2706.7	2680.1	2640.6	2589.5	2533.8	2464.4	2343.1
-25°	2506.7	2543.3	2568.6	2565.0	2568.6	2543.3	2506.7	2462.1	2406.8	2333.1	2224.4
-27.5°	2365.0	2399.7	2424.0	2424.8	2424.0	2399.7	2365.0	2322.1	2266.5	2192.3	2099.5
-30°	2216.2	2247.7	2267.5	2259.9	2267.5	2247.7	2216.2	2174.6	2123.0	2050.9	1953.0
-32.5°	2062.8	2091.3	2109.4	2114.8	2109.4	2091.3	2062.8	2026.6	1983.1	1917.0	1812.5
-35°	1911.4	1936.5	1952.1	1956.0	1952.1	1936.5	1911.4	1878.3	1835.9	1783.6	1680.4
-37.5°	1760.9	1782.6	1793.5	1788.6	1793.5	1782.6	1760.9	1730.5	1692.3	1647.4	1558.2
-40°	1612.3	1632.9	1645.4	1648.4	1645.4	1632.9	1612.3	1584.7	1549.2	1505.4	1433.8
-42.5°	1466.2	1483.3	1494.3	1499.6	1494.3	1483.3	1466.2	1442.5	1405.1	1356.4	1298.9
-45°	1324.4	1339.7	1350.0	1355.7	1350.0	1339.7	1324.4	1303.1	1266.7	1219.7	1165.9
-47.5°	1186.4	1199.8	1208.7	1213.0	1208.7	1199.8	1186.4	1167.7	1135.2	1088.8	1035.6
-50°	1054.4	1066.1	1074.3	1079.1	1074.3	1066.1	1054.4	1038.3	1010.6	965.5	914.9
-52.5°	929.3	939.4	946.5	950.1	946.5	939.4	929.3	915.2	893.1	850.4	803.9
-55°	809.8	818.0	824.5	828.5	824.5	818.0	809.8	798.2	782.4	742.8	700.0
-57.5°	698.3	705.1	711.3	715.7	711.3	705.1	698.3	688.5	675.6	641.6	604.2
-60°	594.0	600.4	605.7	609.0	605.7	600.4	594.0	585.3	574.2	548.7	518.3
-62.5°	499.9	505.5	510.4	513.5	510.4	505.5	499.9	492.1	482.1	462.5	437.9
-65°	409.7	414.7	418.3	420.5	418.3	414.7	409.7	402.9	394.3	380.2	362.0
-67.5°	333.6	339.4	340.6	339.9	340.6	339.4	333.6	326.6	318.3	307.4	293.8
-70°	265.7	270.7	271.8	271.6	271.8	270.7	265.7	260.1	253.7	245.9	235.7
-72.5°	207.8	210.5	208.2	204.7	208.2	210.5	207.8	204.7	201.4	197.0	189.4
-75°	155.9	154.2	151.7	148.8	151.7	154.2	155.9	157.3	158.4	158.1	152.5
-77.5°	114.2	110.0	107.2	104.2	107.2	110.0	114.2	118.0	121.5	123.8	119.9
-80°	79.5	75.4	72.5	69.5	72.5	75.4	79.5	83.4	87.0	89.9	88.6
-82.5°	50.3	46.9	45.2	43.4	45.2	46.9	50.3	53.6	56.6	59.2	58.4
-85°	27.9	25.9	24.8	23.6	24.8	25.9	27.9	29.8	31.6	33.2	32.3
-87.5°	12.4	12.4	11.8	11.2	11.8	12.4	12.4	12.3	12.3	12.2	11.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7
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	0.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.7	0.7	0.6
65°	0.8	0.5	0.3	0.6	0.9	1.2	1.3	1.1	1.1	1.3	1.5
62.5°	2.5	2.6	2.3	1.9	1.6	1.8	1.9	2.1	1.8	1.4	1.9
60°	7.5	4.5	6.6	7.1	5.7	4.9	7.3	7.0	3.6	3.1	2.8
57.5°	36.0	30.1	33.0	30.0	20.5	17.9	18.6	17.7	16.1	9.8	4.2
55°	124.0	106.3	83.5	72.1	69.5	53.1	39.6	33.0	30.0	21.6	14.3
52.5°	157.6	146.5	129.2	105.4	92.8	88.0	75.2	60.2	47.8	38.2	27.5
50°	197.5	200.5	182.8	149.9	136.9	122.8	110.4	93.0	77.3	62.0	45.8
47.5°	322.3	300.2	282.4	257.8	211.2	181.5	162.0	133.5	112.0	93.4	73.4
45°	429.7	404.4	387.1	349.0	299.4	253.4	222.6	186.9	148.9	124.1	105.9
42.5°	506.0	473.3	444.8	413.7	366.4	314.4	272.2	236.9	196.9	156.8	132.6
40°	580.6	528.8	500.5	472.7	428.1	369.9	337.0	285.1	243.3	198.8	165.8
37.5°	692.0	603.9	593.8	567.0	516.6	456.0	419.1	367.8	290.4	248.4	210.4
35°	880.1	789.3	736.9	710.6	645.2	568.0	507.2	459.4	382.5	299.8	256.1
32.5°	1087.5	972.6	893.0	855.5	785.3	680.5	605.5	544.7	467.6	374.0	303.8
30°	1204.5	1099.8	1004.0	939.9	871.6	781.6	695.4	609.6	525.8	448.4	355.5
27.5°	1313.5	1182.8	1079.6	1007.3	943.4	856.8	761.5	669.4	577.4	500.9	418.0
25°	1417.4	1272.6	1160.0	1075.1	1000.8	932.2	824.5	723.9	627.9	543.3	478.5
22.5°	1514.1	1379.7	1249.9	1138.9	1076.0	1002.4	896.2	774.3	680.6	609.4	533.1
20°	1673.3	1522.9	1358.6	1262.6	1204.0	1090.3	970.2	849.7	763.6	682.1	592.4
17.5°	1935.9	1748.1	1551.7	1448.9	1366.0	1226.5	1073.4	953.9	846.3	755.6	656.8
15°	2223.3	1981.6	1787.0	1654.1	1522.8	1359.5	1182.2	1053.1	930.9	828.8	716.0
12.5°	2365.3	2135.3	1963.1	1775.8	1606.5	1458.5	1290.7	1148.3	1009.7	876.6	752.7
10°	2450.1	2221.5	2026.8	1839.8	1670.0	1527.6	1371.8	1203.1	1049.1	908.3	783.2
7.5°	2516.0	2280.4	2073.1	1887.0	1714.9	1564.7	1415.6	1238.7	1080.6	933.9	807.7
5°	2561.6	2326.4	2116.2	1928.0	1746.8	1591.3	1448.1	1265.7	1104.1	953.3	826.3
2.5°	2608.7	2362.1	2143.1	1954.5	1767.2	1608.2	1467.8	1286.3	1123.2	967.7	841.9
0°	2627.0	2382.7	2161.9	1968.4	1778.6	1614.9	1473.5	1299.9	1136.1	976.1	852.1
-2.5°	2638.9	2389.4	2169.3	1977.4	1793.7	1625.6	1479.9	1315.1	1140.2	985.2	855.0
-5°	2620.9	2381.5	2163.1	1970.0	1794.0	1626.4	1475.4	1317.3	1139.2	987.7	852.8
-7.5°	2598.9	2360.5	2139.6	1950.2	1781.1	1615.2	1462.1	1307.5	1135.3	983.7	848.6
-10°	2561.7	2327.0	2116.7	1929.6	1758.4	1591.3	1442.7	1288.8	1122.6	972.4	838.7
-12.5°	2512.2	2284.7	2077.0	1892.0	1727.7	1566.6	1421.2	1262.9	1101.0	953.7	823.1
-15°	2446.6	2229.4	2027.9	1847.5	1688.6	1534.6	1389.3	1234.3	1079.9	930.6	801.7
-17.5°	2375.0	2156.4	1958.0	1788.0	1637.3	1491.3	1348.7	1204.2	1055.6	908.9	782.5
-20°	2293.6	2078.9	1882.4	1717.6	1575.4	1437.1	1305.2	1170.6	1021.9	883.9	762.2



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	2176.5	1986.9	1806.7	1645.2	1509.2	1382.6	1255.5	1125.4	978.1	852.7	734.7
-25°	2060.7	1884.4	1722.5	1574.0	1442.7	1322.5	1198.9	1069.9	939.1	816.0	701.1
-27.5°	1947.4	1784.1	1622.8	1489.3	1371.4	1254.0	1137.8	1015.8	895.4	774.7	669.4
-30°	1825.1	1672.4	1526.9	1401.6	1290.0	1181.3	1076.9	963.0	844.6	730.0	635.3
-32.5°	1690.8	1556.7	1428.5	1310.5	1206.2	1110.0	1010.9	902.9	785.9	688.2	595.8
-35°	1560.4	1436.7	1326.0	1222.0	1127.3	1039.2	943.3	835.1	732.4	640.7	551.2
-37.5°	1443.7	1323.2	1220.7	1131.1	1052.0	968.5	872.8	776.8	680.2	587.8	509.7
-40°	1323.0	1210.5	1119.5	1046.7	971.0	895.8	811.5	722.3	627.0	536.7	469.0
-42.5°	1206.0	1115.2	1025.5	952.5	884.7	823.1	752.1	662.0	574.4	496.0	430.9
-45°	1091.4	1008.9	927.0	860.5	804.1	746.3	682.9	601.0	522.3	454.9	393.5
-47.5°	973.6	904.2	835.9	774.1	723.6	667.6	606.3	536.9	472.4	411.7	357.4
-50°	860.6	804.3	749.0	695.5	644.4	589.7	534.9	478.9	421.4	368.5	319.2
-52.5°	754.1	707.5	660.8	614.0	569.3	521.5	471.0	421.2	370.5	326.3	282.3
-55°	654.1	614.1	577.0	539.4	501.8	458.7	413.1	368.2	327.8	287.2	251.3
-57.5°	565.4	530.3	500.9	470.2	438.4	400.2	361.2	323.3	289.7	256.1	222.9
-60°	487.1	456.5	431.3	404.5	376.3	344.3	313.4	283.3	254.3	226.9	198.3
-62.5°	413.2	388.5	365.7	343.1	320.1	295.9	269.4	245.2	222.7	199.7	173.8
-65°	343.2	323.8	304.7	286.4	267.6	248.2	227.1	207.9	189.6	170.8	148.4
-67.5°	279.3	264.2	248.7	233.4	218.7	203.3	187.3	171.3	156.4	141.1	122.9
-70°	224.9	213.5	201.5	188.7	176.5	164.5	152.1	139.1	125.5	113.0	100.5
-72.5°	181.5	173.3	164.3	154.0	143.1	132.6	122.6	112.5	102.1	91.4	80.6
-75°	146.7	140.7	133.9	125.2	116.3	107.2	98.8	90.1	80.6	70.3	60.2
-77.5°	116.2	112.5	108.3	101.4	94.4	87.4	79.8	70.4	60.7	51.2	42.8
-80°	87.1	85.3	82.8	76.9	70.9	64.9	58.6	50.3	42.1	34.4	28.2
-82.5°	57.5	56.3	54.7	50.7	46.7	42.8	38.9	33.1	27.6	22.4	17.8
-85°	31.4	30.4	29.3	27.4	25.5	23.6	21.7	18.5	15.5	12.8	10.3
-87.5°	11.5	11.1	10.7	10.3	9.9	9.5	9.0	8.1	7.2	6.3	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
82.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.3	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.3	0.6	0.8	0.8	0.6	0.4	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.1	1.1	0.8	0.6
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.6	1.0	1.2	0.9
72.5°	0.0	0.0	0.0	0.1	0.3	0.3	0.2	0.2	0.7	1.0	1.2
70°	0.2	0.1	0.0	0.2	0.5	0.7	0.7	0.6	0.5	0.9	1.1
67.5°	0.6	0.6	0.5	0.3	0.5	0.8	1.1	1.1	0.9	0.8	1.1
65°	1.4	1.3	1.2	1.1	0.9	0.9	1.2	1.5	1.4	1.2	1.1
62.5°	2.2	2.2	2.0	1.8	1.6	1.4	1.3	1.7	1.9	1.7	1.4
60°	2.8	2.9	2.8	2.5	2.3	2.0	1.8	1.9	2.1	2.1	1.8
57.5°	3.9	3.7	3.7	3.4	3.0	2.7	2.5	2.4	2.5	2.5	2.1
55°	6.8	4.8	4.8	4.4	3.8	3.3	3.1	3.0	2.9	2.8	2.5
52.5°	17.2	9.6	6.1	5.7	4.9	4.0	3.8	3.6	3.4	3.2	2.9
50°	31.8	20.6	11.7	7.3	6.2	5.3	4.4	4.2	4.0	3.7	3.2
47.5°	50.9	35.4	23.0	11.5	8.0	6.6	5.5	4.8	4.5	4.1	3.6
45°	78.5	52.2	36.2	22.8	10.7	9.2	6.8	5.3	5.0	4.6	3.9
42.5°	109.2	76.6	50.7	34.5	20.5	12.7	8.2	6.5	5.5	5.1	4.3
40°	139.2	105.8	68.2	47.6	30.9	17.0	11.7	7.7	6.0	5.5	4.7
37.5°	172.5	136.7	95.5	61.5	41.5	26.0	16.1	9.0	6.8	6.1	5.2
35°	213.7	171.0	122.9	82.0	55.0	34.3	20.9	11.4	8.4	6.6	5.6
32.5°	254.9	205.3	152.4	105.8	69.1	42.0	27.3	16.4	10.2	7.2	6.1
30°	296.3	236.7	180.2	127.8	85.3	54.3	34.1	21.1	12.3	7.7	6.5
27.5°	333.5	266.3	206.3	150.8	104.3	67.2	41.2	25.7	14.6	8.8	7.0
25°	375.6	298.3	231.9	172.8	121.7	80.8	48.5	30.3	18.0	10.6	7.5
22.5°	429.8	331.2	255.7	192.8	138.9	93.7	57.8	36.3	21.8	12.4	8.0
20°	483.7	363.3	278.9	217.7	157.6	108.3	68.6	42.2	25.3	14.4	8.5
17.5°	536.6	404.5	312.8	243.2	177.7	121.9	78.8	48.0	28.7	16.4	8.9
15°	584.0	451.7	346.1	267.4	197.3	134.5	88.1	53.7	31.8	18.4	9.6
12.5°	623.8	492.3	377.4	289.9	216.2	146.0	96.7	59.1	34.7	20.6	10.4
10°	656.6	526.7	406.5	310.8	234.0	156.4	104.4	64.5	38.1	23.0	11.3
7.5°	682.9	555.2	433.0	329.7	250.2	166.0	112.7	70.2	41.3	25.3	12.3
5°	702.7	577.3	453.4	343.3	263.1	174.9	120.3	75.5	44.4	27.4	13.2
2.5°	715.5	593.6	468.6	354.0	273.6	182.4	127.0	80.2	47.1	29.3	14.1
0°	723.1	605.3	480.0	362.2	281.6	188.5	132.7	84.3	49.6	31.0	14.9
-2.5°	729.9	612.9	490.0	376.4	287.1	198.5	136.3	88.0	53.5	32.2	16.4
-5°	732.1	616.3	496.5	387.4	290.4	206.5	138.9	91.0	57.0	33.2	17.8
-7.5°	728.4	614.2	498.8	393.7	291.9	212.2	140.4	93.4	59.8	34.0	19.0
-10°	720.0	607.6	495.8	391.8	294.0	214.0	141.2	95.2	61.8	34.6	20.0
-12.5°	707.5	597.6	489.3	387.6	293.6	212.9	143.6	96.5	62.9	35.0	20.7
-15°	691.2	584.4	479.3	381.5	290.1	210.3	144.2	97.0	62.8	35.7	21.2
-17.5°	672.0	568.5	466.0	373.7	283.2	206.5	142.9	96.4	62.1	36.8	21.6
-20°	652.8	550.8	450.1	364.4	272.9	201.5	139.6	94.7	61.0	37.5	22.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	630.3	530.5	436.5	351.5	261.6	195.4	134.1	91.7	59.4	37.8	22.3
-25°	604.4	506.8	420.0	333.8	252.8	188.6	128.5	87.4	57.3	37.7	22.2
-27.5°	575.2	481.4	400.7	314.3	243.6	179.1	123.2	84.2	55.5	37.1	21.9
-30°	542.6	457.6	377.5	295.6	232.4	168.8	116.3	80.7	54.7	36.4	21.3
-32.5°	507.4	430.7	352.6	281.4	219.6	158.1	110.1	76.7	53.3	35.5	21.3
-35°	474.4	401.5	327.1	265.0	206.1	151.7	106.0	72.3	51.4	34.3	21.4
-37.5°	439.1	370.8	307.0	247.9	191.8	144.5	102.7	70.3	48.8	32.7	21.3
-40°	405.1	341.7	283.7	231.5	181.2	136.3	97.4	68.1	46.5	30.8	21.1
-42.5°	370.7	314.3	261.4	213.7	171.3	128.3	90.7	64.7	44.5	29.7	20.6
-45°	339.0	286.1	237.7	198.2	160.2	118.2	85.5	60.5	42.2	28.9	20.1
-47.5°	305.7	257.3	216.0	181.2	145.7	107.2	79.0	57.1	39.3	27.9	19.8
-50°	271.4	230.1	195.7	162.6	128.0	98.0	72.0	53.2	38.3	27.0	19.4
-52.5°	241.3	206.2	175.0	143.4	114.6	87.2	66.7	48.9	37.0	26.3	18.7
-55°	215.5	183.4	154.6	127.7	101.9	79.3	60.6	46.9	35.3	25.5	17.8
-57.5°	192.6	162.3	137.8	113.7	91.3	71.7	56.4	44.5	33.5	24.3	17.1
-60°	170.3	145.5	122.6	101.1	81.3	65.1	53.1	41.7	31.4	22.7	16.2
-62.5°	149.8	128.0	108.0	88.6	72.5	59.8	49.3	38.4	28.9	20.8	15.1
-65°	128.2	109.6	92.8	77.5	64.4	53.5	44.4	34.7	25.7	18.6	13.7
-67.5°	105.8	92.2	79.0	66.2	55.5	46.4	38.7	29.8	21.8	15.9	12.0
-70°	88.1	76.1	64.9	55.0	46.2	38.7	31.6	24.1	17.6	13.6	10.2
-72.5°	70.1	60.4	51.2	43.3	37.0	30.7	24.2	18.4	14.6	11.2	8.3
-75°	51.9	45.3	39.4	33.8	28.2	22.6	18.4	14.6	11.5	8.7	7.0
-77.5°	37.7	32.9	28.5	25.0	21.1	17.4	13.9	10.7	8.7	7.3	5.9
-80°	25.6	23.1	20.7	18.2	15.1	12.2	10.1	8.3	7.0	5.9	4.8
-82.5°	16.1	14.8	13.6	12.4	10.5	8.9	7.5	6.3	5.3	4.4	3.9
-85°	9.6	8.8	8.1	7.5	6.5	5.6	5.2	4.8	4.4	3.9	3.5
-87.5°	5.4	5.3	5.2	5.1	4.9	4.6	4.4	4.2	3.9	3.5	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.5	2.2	1.9	1.5	1.2	1.2	1.2
87.5°	0.9	1.0	1.1	1.2	1.2	1.2	1.2
85°	0.6	0.8	1.0	1.1	1.2	1.2	1.2
82.5°	0.3	0.6	0.9	1.1	1.2	1.2	1.2
80°	0.1	0.4	0.8	1.1	1.2	1.2	1.2
77.5°	0.4	0.4	0.7	1.0	1.2	1.2	1.2
75°	0.7	0.6	0.7	1.0	1.2	1.2	1.2
72.5°	1.0	0.8	0.8	1.0	1.2	1.2	1.2
70°	1.2	1.0	0.9	1.0	1.2	1.2	1.2
67.5°	1.2	1.1	1.0	1.0	1.2	1.2	1.2
65°	1.3	1.2	1.0	1.0	1.2	1.2	1.2
62.5°	1.4	1.3	1.1	1.1	1.2	1.2	1.2
60°	1.4	1.5	1.2	1.1	1.2	1.2	1.2
57.5°	1.7	1.6	1.3	1.1	1.2	1.2	1.2
55°	2.1	1.7	1.5	1.2	1.2	1.2	1.2
52.5°	2.4	1.9	1.6	1.2	1.3	1.2	1.2
50°	2.7	2.1	1.7	1.2	1.3	1.2	1.2
47.5°	3.0	2.4	1.9	1.2	1.3	1.2	1.2
45°	3.3	2.6	2.0	1.3	1.4	1.2	1.2
42.5°	3.6	2.9	2.2	1.5	1.4	1.2	1.2
40°	3.8	3.1	2.4	1.6	1.4	1.2	1.2
37.5°	4.1	3.3	2.6	1.8	1.5	1.2	1.2
35°	4.4	3.5	2.7	2.0	1.6	1.2	1.2
32.5°	4.7	3.8	2.9	2.1	1.6	1.2	1.2
30°	5.0	4.0	3.0	2.3	1.7	1.2	1.2
27.5°	5.4	4.2	3.2	2.4	1.7	1.2	1.2
25°	5.8	4.3	3.4	2.6	1.8	1.2	1.2
22.5°	6.1	4.5	3.6	2.7	1.9	1.2	1.2
20°	6.5	4.8	3.8	2.9	2.0	1.2	1.2
17.5°	6.8	5.0	4.0	3.0	2.0	1.2	1.2
15°	7.2	5.2	4.1	3.1	2.1	1.2	1.2
12.5°	7.5	5.4	4.3	3.2	2.2	1.2	1.2
10°	7.8	5.6	4.5	3.3	2.2	1.2	1.2
7.5°	8.1	5.7	4.6	3.4	2.3	1.2	1.2
5°	8.3	5.9	4.8	3.5	2.4	1.2	1.2
2.5°	8.5	6.1	4.9	3.6	2.4	1.2	1.2
0°	8.7	6.2	5.0	3.7	2.5	1.2	1.2
-2.5°	9.2	6.3	5.1	3.7	2.5	1.2	1.2
-5°	9.6	6.4	5.2	3.7	2.5	1.2	1.2
-7.5°	10.0	6.5	5.3	3.7	2.5	1.2	1.2
-10°	10.3	6.6	5.3	3.6	2.5	1.2	1.2
-12.5°	10.6	6.7	5.3	3.6	2.4	1.2	1.2
-15°	10.7	6.8	5.4	3.6	2.4	1.2	1.2
-17.5°	10.7	6.8	5.3	3.5	2.4	1.2	1.2
-20°	11.0	6.9	5.3	3.5	2.3	1.2	1.2

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REPORT NUMBER: P626690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.7	6.9	5.2	3.4	2.3	1.2	1.2
-25°	12.3	7.4	5.1	3.4	2.3	1.2	1.2
-27.5°	12.8	7.9	5.0	3.3	2.2	1.2	1.2
-30°	13.1	8.4	4.9	3.2	2.2	1.2	1.2
-32.5°	13.2	8.9	5.1	3.1	2.1	1.2	1.2
-35°	13.6	9.2	5.2	3.0	2.0	1.2	1.2
-37.5°	14.0	9.4	5.3	3.0	2.0	1.2	1.2
-40°	14.2	9.5	5.3	2.9	1.9	1.2	1.2
-42.5°	14.3	9.5	5.4	2.8	1.8	1.2	1.2
-45°	14.2	9.4	5.4	2.8	1.7	1.2	1.2
-47.5°	14.0	9.2	5.3	2.8	1.7	1.2	1.2
-50°	13.7	9.0	5.3	2.8	1.6	1.2	1.2
-52.5°	13.3	8.7	5.1	2.7	1.5	1.2	1.2
-55°	12.8	8.4	4.9	2.6	1.4	1.2	1.2
-57.5°	12.2	7.9	4.6	2.5	1.3	1.2	1.2
-60°	11.5	7.4	4.3	2.4	1.2	1.2	1.2
-62.5°	10.6	6.8	4.0	2.3	1.2	1.2	1.2
-65°	9.6	6.1	3.8	2.1	1.2	1.2	1.2
-67.5°	8.4	5.4	3.5	1.9	1.2	1.2	1.2
-70°	7.2	4.9	3.2	1.8	1.2	1.2	1.2
-72.5°	6.3	4.4	2.8	1.7	1.2	1.2	1.2
-75°	5.5	3.8	2.4	1.7	1.2	1.2	1.2
-77.5°	4.6	3.2	2.3	1.7	1.2	1.2	1.2
-80°	3.8	2.9	2.2	1.7	1.2	1.2	1.2
-82.5°	3.4	2.7	2.1	1.6	1.2	1.2	1.2
-85°	3.1	2.6	2.1	1.6	1.2	1.2	1.2
-87.5°	2.8	2.4	2.0	1.6	1.2	1.2	1.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)