

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: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-740-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19295.2 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 21871.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 9289.7 lumens
Beam Efficiency: 48.1%

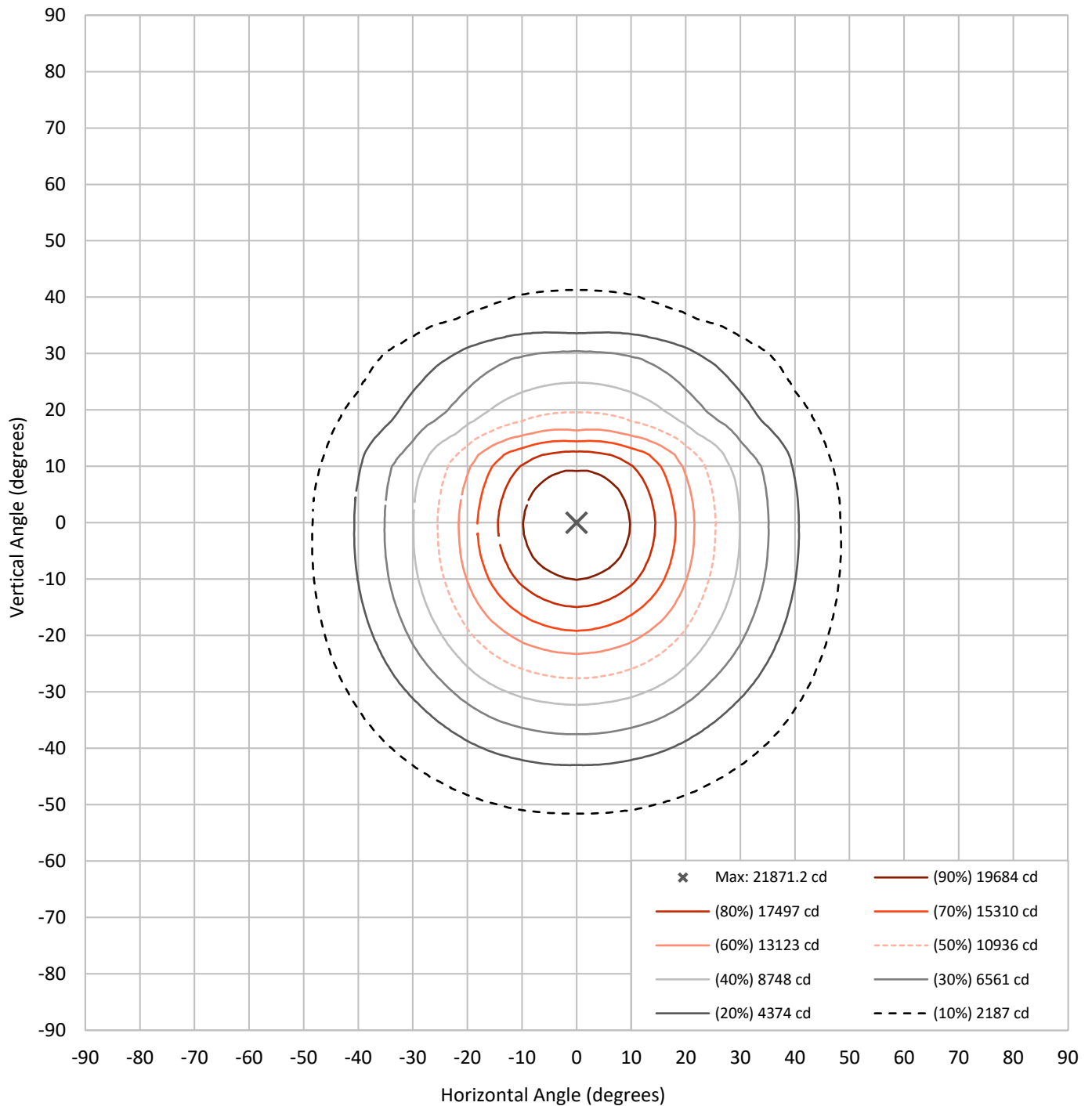
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 17275.7 lumens
Field Efficiency: 89.5%

Input Watts (W): 160.2
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



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





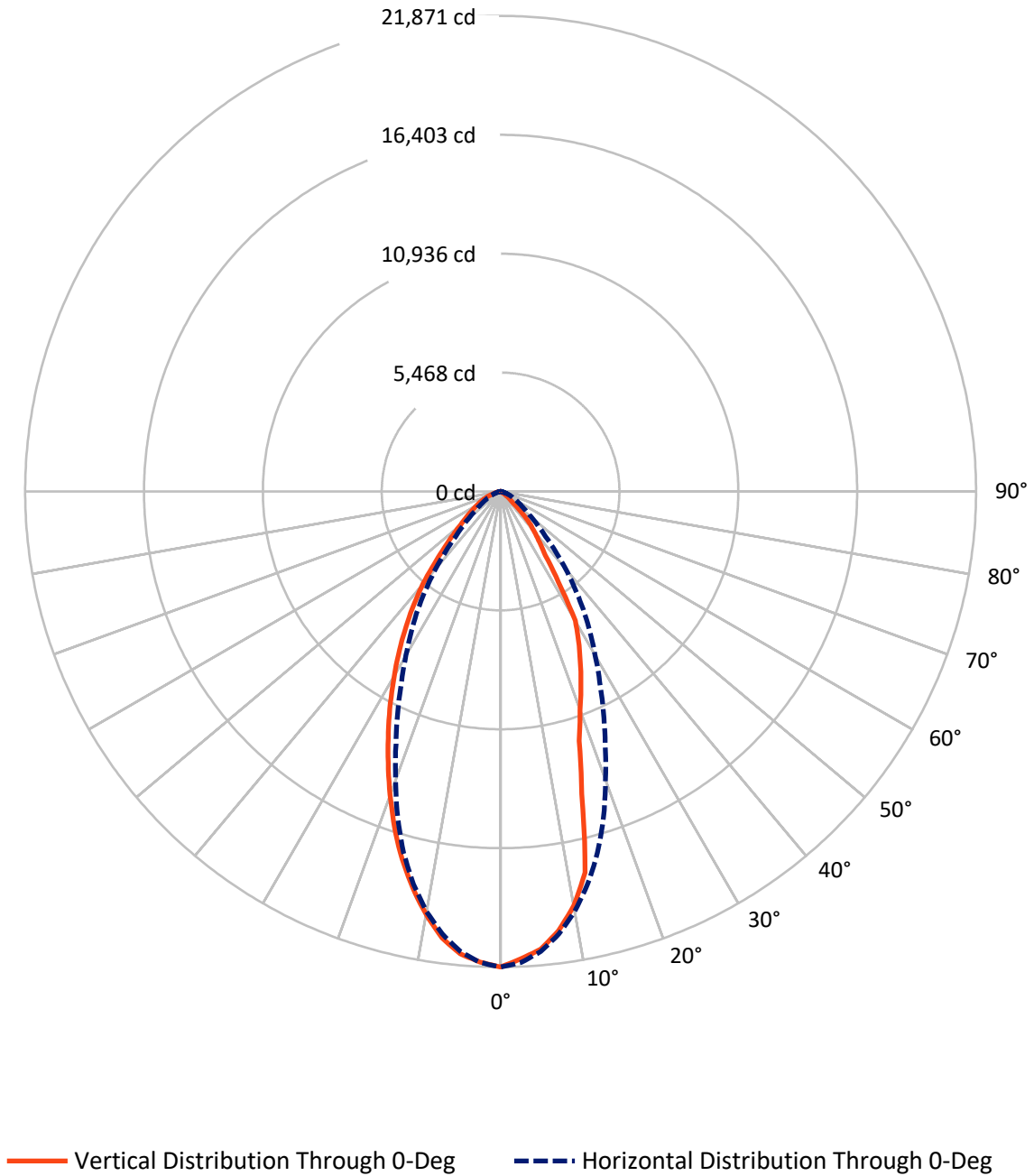
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Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.4	1.0	1.8	3.0	4.4	6.1	6.8	6.8	6.1	4.4	3.0	1.8	1.0	0.4				
40	0.8	1.5	3.7	7.8	14.4	23.6	34.0	41.7	41.7	34.0	23.6	14.4	7.8	3.7	1.5	0.8			
30		2.9	7.5	17.5	36.0	66.2	101.2	121.7	121.7	101.2	66.2	36.0	17.5	7.5	2.9				
20	2.1	4.6	12.2	31.7	75.0	140.7	214.2	258.1	258.1	214.2	140.7	75.0	31.7	12.2	4.6	2.1			
10		6.3	17.4	49.7	123.3	228.0	356.3	440.5	440.5	356.3	228.0	123.3	49.7	17.4	6.3				
0	3.0	7.3	21.9	64.3	161.9	301.8	484.6	614.3	614.3	484.6	301.8	161.9	64.3	21.9	7.3	3.0			
-10		7.6	22.8	66.3	164.2	306.2	489.5	618.2	618.2	489.5	306.2	164.2	66.3	22.8	7.6				
-20	3.2	7.5	21.6	59.1	145.5	268.8	414.4	511.3	511.3	414.4	268.8	145.5	59.1	21.6	7.5	3.2			
-30		6.9	18.7	46.2	108.6	202.7	302.0	362.2	362.2	302.0	202.7	108.6	46.2	18.7	6.9				
-40	2.7	6.0	15.1	33.4	68.4	125.7	189.7	225.8	225.8	189.7	125.7	68.4	33.4	15.1	6.0	2.7			
-50		5.0	11.7	23.1	41.1	65.8	94.4	112.4	112.4	94.4	65.8	41.1	23.1	11.7	5.0				
-60	1.7	3.9	8.5	15.4	25.1	36.1	46.7	52.8	52.8	46.7	36.1	25.1	15.4	8.5	3.9	1.7			
-70		2.7	5.7	9.5	14.6	19.8	24.3	26.5	26.5	24.3	19.8	14.6	9.5	5.7	2.7				
-80	0.5	5.5		14.2		25.3		23.1		25.3		14.2		5.5		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

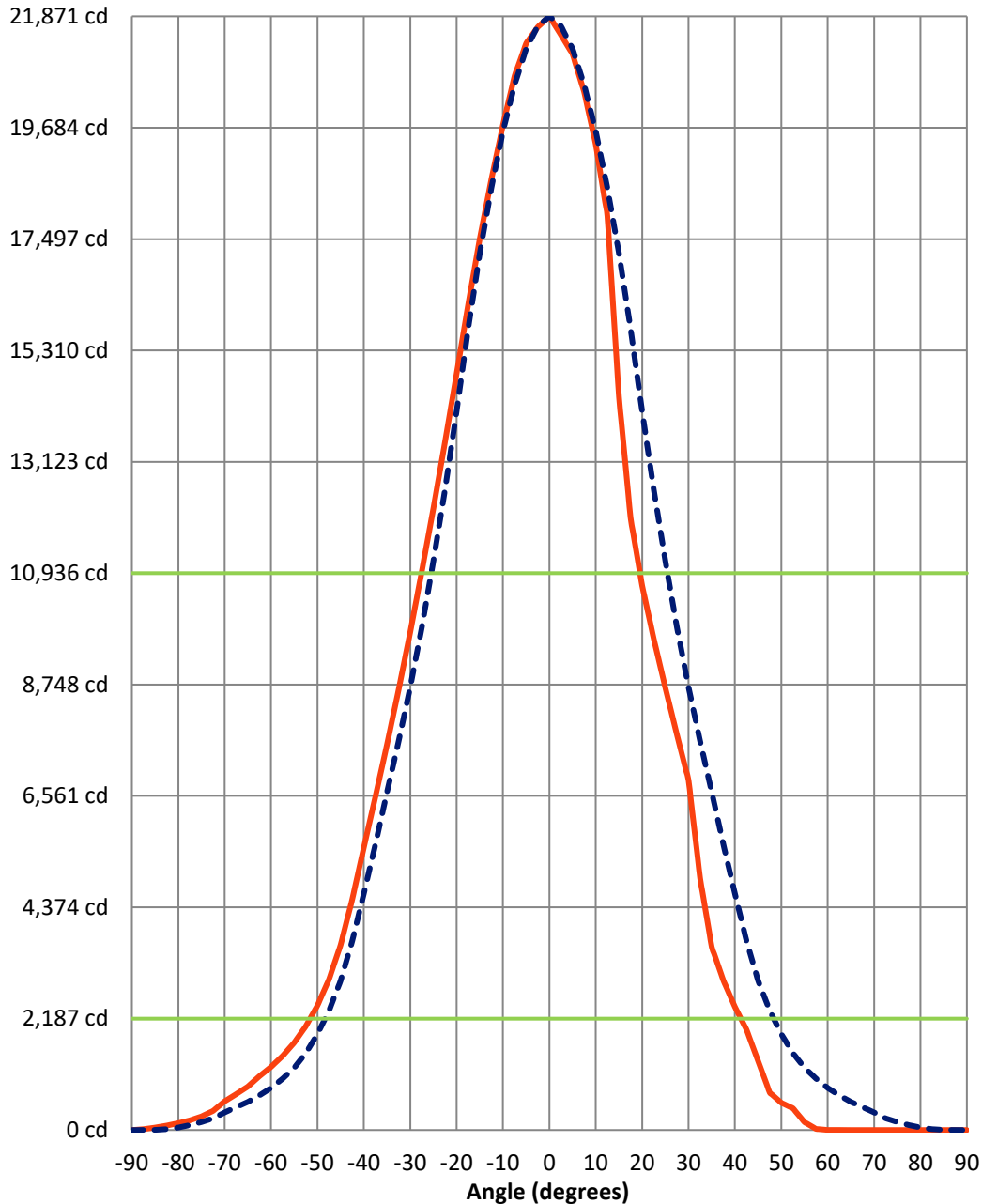
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 9289.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 17275.7
 Efficiency: 89.5%

Spill:
 Lumens: 2019.4
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.6	3.0
62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.2	2.2	3.0	4.2	6.5
60°	0.0	0.8	1.6	1.6	1.6	2.5	2.5	3.0	3.8	10.4	11.2
57.5°	0.0	0.9	1.6	1.6	2.0	3.0	4.2	4.1	10.2	17.4	19.2
55°	0.0	0.9	1.6	1.6	2.5	3.4	6.5	6.0	18.7	26.3	29.7
52.5°	0.0	1.0	1.7	1.6	3.0	4.3	9.0	14.7	27.9	39.0	42.0
50°	0.0	1.0	1.7	1.6	3.5	7.0	11.9	24.3	39.0	53.1	64.2
47.5°	0.0	1.1	1.7	1.7	4.0	9.9	15.9	34.0	53.5	68.6	87.1
45°	0.0	1.1	1.8	2.1	4.6	13.0	24.3	43.8	68.1	88.9	109.7
42.5°	0.0	1.2	1.8	2.6	5.2	16.2	32.8	55.3	82.7	108.9	134.9
40°	0.0	1.2	1.9	3.1	6.8	19.6	41.1	67.9	97.9	128.5	161.1
37.5°	0.0	1.3	1.9	3.8	9.5	23.2	49.5	80.4	114.3	148.6	187.9
35°	0.0	1.3	2.0	4.5	12.2	28.9	57.7	92.7	130.7	172.6	217.0
32.5°	0.0	1.3	2.1	5.3	14.9	35.4	66.4	104.8	147.2	197.2	249.8
30°	0.0	1.4	2.1	6.1	17.6	41.7	76.2	117.1	163.7	222.4	282.8
27.5°	0.0	1.4	2.2	7.0	20.8	47.9	85.7	130.5	181.8	248.0	316.0
25°	0.0	1.5	2.3	7.9	23.9	53.8	94.8	143.7	202.6	275.2	349.1
22.5°	0.0	1.5	2.4	8.9	27.0	59.6	103.6	156.4	223.2	302.7	382.7
20°	0.0	1.5	2.5	9.9	30.0	65.2	111.9	168.8	243.5	329.7	414.8
17.5°	0.0	1.5	2.6	10.8	32.8	70.5	119.7	180.7	263.3	355.8	445.1
15°	0.0	1.5	2.6	11.8	35.6	75.5	126.7	191.2	282.4	381.1	473.7
12.5°	0.0	1.6	2.7	12.8	38.2	80.1	133.2	200.0	298.2	405.1	500.5
10°	0.0	1.6	2.8	13.8	40.6	84.3	139.1	207.9	310.8	419.4	521.6
7.5°	0.0	1.6	2.9	14.7	42.8	88.1	144.4	214.8	322.0	430.2	532.6
5°	0.0	1.6	3.0	15.6	44.9	91.5	149.0	220.7	331.5	438.8	541.5
2.5°	0.0	1.6	3.0	16.4	46.8	94.4	152.9	225.7	339.3	445.4	548.3
0°	0.0	1.6	3.1	17.2	48.4	96.9	156.2	229.6	345.3	449.9	553.0
-2.5°	0.0	1.7	3.6	18.3	50.6	99.9	160.5	236.2	352.0	456.4	560.3
-5°	0.0	1.8	4.0	19.3	52.6	102.5	164.0	241.8	357.0	461.1	565.6
-7.5°	0.0	1.9	4.5	20.2	54.2	104.6	166.8	246.1	360.1	464.0	568.7
-10°	0.0	2.0	4.9	21.0	55.6	106.1	168.8	249.2	361.4	465.2	569.6
-12.5°	0.0	2.0	5.3	21.7	56.6	107.1	169.9	251.0	361.0	464.5	567.0
-15°	0.0	2.1	5.7	22.2	57.3	107.6	170.3	251.4	358.3	460.4	561.5
-17.5°	0.0	2.2	6.1	22.6	57.6	107.5	169.8	250.9	353.7	454.9	553.9
-20°	0.0	2.2	6.4	22.9	57.6	106.9	169.3	249.7	347.9	448.0	544.1

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REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	6.7	23.1	57.1	105.8	169.4	247.5	341.1	439.9	532.3
-25°	0.0	2.3	7.0	23.1	56.2	105.4	168.6	244.2	333.3	430.5	518.4
-27.5°	0.0	2.4	7.2	22.9	55.0	104.9	167.0	239.8	324.6	419.7	505.6
-30°	0.0	2.4	7.3	22.6	53.4	103.8	164.6	234.5	316.9	407.5	491.8
-32.5°	0.0	2.4	7.5	22.1	52.7	102.0	161.2	230.1	309.4	394.7	477.1
-35°	0.0	2.4	7.5	21.5	51.6	99.6	158.1	225.3	300.8	381.6	461.4
-37.5°	0.0	2.4	7.6	20.6	50.1	96.9	154.5	219.5	291.2	368.1	443.0
-40°	0.0	2.4	7.5	19.7	48.1	94.6	150.1	212.7	280.7	355.5	423.3
-42.5°	0.0	2.3	7.5	18.8	46.6	91.6	144.8	204.9	270.9	339.1	402.4
-45°	0.0	2.3	7.3	18.1	45.7	88.0	138.6	196.8	260.9	321.6	380.6
-47.5°	0.0	2.2	7.2	17.1	44.3	83.9	131.6	188.6	249.7	303.5	360.5
-50°	0.0	2.2	7.0	16.8	42.5	79.1	125.5	179.3	235.0	287.0	339.7
-52.5°	0.0	2.1	6.7	16.5	40.1	73.8	118.9	169.0	220.4	269.7	318.7
-55°	0.0	2.0	6.4	16.1	37.4	69.5	111.5	158.0	205.4	251.7	298.8
-57.5°	0.0	1.9	6.0	15.4	34.2	64.8	103.5	148.2	189.5	233.6	278.2
-60°	0.0	1.8	5.6	14.6	30.6	59.4	94.9	136.4	173.3	214.8	257.0
-62.5°	0.0	1.7	5.2	13.5	28.5	53.4	86.6	123.2	157.2	195.3	235.0
-65°	0.0	1.6	4.9	12.3	26.0	46.9	77.5	109.5	140.1	174.7	212.3
-67.5°	0.0	1.4	4.5	11.0	23.3	41.1	67.6	95.7	122.1	152.9	187.1
-70°	0.0	1.3	4.0	9.4	20.3	36.0	57.0	81.4	105.0	130.1	160.0
-72.5°	0.0	1.1	3.6	8.3	17.0	30.5	48.4	66.7	87.4	109.4	132.7
-75°	0.0	1.0	3.1	7.3	13.5	24.7	39.8	54.3	69.3	88.3	108.3
-77.5°	0.0	0.8	2.6	6.1	11.1	18.6	30.6	42.7	55.1	68.1	83.3
-80°	0.0	0.7	2.1	5.0	9.0	14.2	21.2	30.8	40.9	51.6	62.7
-82.5°	0.0	0.5	1.6	3.8	6.8	10.8	15.6	20.6	26.6	34.8	43.4
-85°	0.0	0.3	1.1	2.5	4.6	7.2	10.5	13.8	17.5	21.7	26.3
-87.5°	0.0	0.2	0.5	1.3	2.3	3.6	5.2	6.9	8.8	10.9	13.2
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.3	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.3	2.8	3.5	5.5	4.1	1.6	3.1	3.6	2.4	2.0	2.1
60°	6.8	4.7	12.0	16.7	10.9	5.8	7.1	14.2	11.7	3.2	8.3
57.5°	13.8	17.0	30.3	31.8	24.4	16.5	36.2	40.1	33.2	20.9	30.1
55°	28.7	40.4	51.1	50.5	50.8	63.8	75.0	73.6	64.9	89.5	112.8
52.5°	54.4	66.5	73.6	80.2	98.4	110.5	114.0	120.9	146.4	176.8	182.3
50°	79.9	92.3	101.6	125.4	144.1	153.7	162.6	185.9	224.4	245.3	248.6
47.5°	105.6	119.6	144.0	170.0	188.1	202.6	218.1	271.1	314.0	331.8	338.3
45°	132.5	156.6	187.1	213.9	234.8	254.4	304.7	377.0	407.2	434.5	504.0
42.5°	160.4	196.6	231.1	259.1	282.7	323.7	393.6	463.7	507.0	565.1	648.9
40°	195.9	236.6	276.6	305.1	334.5	396.6	483.2	557.4	603.2	681.1	776.7
37.5°	232.1	279.6	322.8	352.8	394.2	478.2	579.9	668.8	725.6	789.0	942.6
35°	267.8	323.5	367.8	408.0	459.1	575.0	700.3	799.2	869.4	978.0	1172.4
32.5°	305.9	368.1	413.4	468.2	552.2	681.8	835.7	945.5	1062.0	1218.2	1529.6
30°	346.4	409.9	462.0	527.8	640.6	791.7	970.4	1108.4	1266.4	1520.2	1855.8
27.5°	386.8	451.6	515.8	599.5	723.3	886.6	1073.2	1290.7	1494.9	1778.7	2145.7
25°	425.7	494.1	568.4	669.6	803.5	974.4	1178.2	1429.1	1695.6	2020.2	2451.1
22.5°	462.8	537.2	624.3	733.0	871.2	1057.9	1300.8	1595.5	1915.8	2252.1	2747.2
20°	499.1	585.3	685.2	806.9	933.5	1134.8	1420.8	1777.6	2179.1	2639.7	3124.9
17.5°	535.1	632.9	748.2	883.5	1036.9	1242.9	1543.7	1968.6	2457.2	3056.7	3654.1
15°	570.3	679.5	809.1	959.1	1141.1	1387.3	1729.1	2196.1	2786.4	3504.2	4211.9
12.5°	604.4	724.7	867.6	1033.0	1242.2	1523.3	1903.7	2407.5	3083.9	3941.6	4810.9
10°	637.1	768.1	923.1	1104.3	1339.0	1649.8	2058.1	2590.4	3308.4	4192.3	5159.1
7.5°	653.7	797.5	970.4	1172.1	1430.4	1766.0	2192.5	2745.0	3483.8	4393.9	5363.3
5°	665.6	810.9	988.2	1199.2	1480.6	1845.0	2295.3	2871.4	3613.1	4545.6	5501.6
2.5°	674.8	820.5	1001.2	1214.5	1500.5	1871.4	2329.2	2915.5	3682.4	4624.8	5582.2
0°	681.1	826.4	1009.2	1223.2	1510.7	1884.1	2344.9	2933.9	3711.9	4643.0	5611.5
-2.5°	687.8	834.5	1017.6	1236.8	1525.0	1901.4	2362.2	2946.9	3733.9	4648.0	5627.4
-5°	691.7	838.8	1020.9	1243.4	1529.7	1904.7	2360.9	2934.5	3716.3	4611.5	5593.0
-7.5°	692.7	839.3	1019.1	1242.1	1523.8	1889.9	2336.0	2897.9	3655.7	4537.7	5508.5
-10°	691.1	835.6	1012.4	1230.9	1506.6	1859.2	2291.4	2834.4	3556.2	4415.8	5365.8
-12.5°	686.0	827.8	1000.3	1212.5	1479.0	1815.6	2228.5	2743.9	3417.9	4246.4	5164.6
-15°	677.9	816.2	982.9	1187.0	1440.8	1759.4	2147.7	2626.5	3239.8	4031.0	4914.1
-17.5°	666.7	800.7	960.1	1154.5	1392.1	1691.2	2050.1	2489.0	3047.8	3790.6	4635.6
-20°	652.5	781.5	931.9	1115.0	1336.0	1619.4	1959.4	2367.3	2868.1	3515.4	4307.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	635.2	758.6	902.1	1077.3	1286.2	1544.8	1858.0	2229.3	2666.5	3197.2	3948.3
-25°	617.4	736.6	873.1	1035.2	1229.3	1460.3	1742.0	2080.3	2476.2	2962.0	3583.0
-27.5°	599.9	711.4	839.6	986.7	1165.6	1373.1	1633.0	1941.4	2294.3	2707.3	3212.9
-30°	580.1	683.2	802.7	935.9	1104.5	1297.2	1521.8	1786.0	2099.8	2473.0	2912.6
-32.5°	558.5	652.9	766.9	892.0	1039.1	1214.5	1408.8	1647.7	1920.7	2228.6	2608.5
-35°	537.0	627.0	730.2	844.6	968.8	1133.0	1311.6	1509.8	1742.0	2014.7	2318.6
-37.5°	516.3	598.9	690.9	797.6	914.1	1050.4	1208.2	1387.1	1587.0	1803.9	2066.5
-40°	493.3	568.4	655.5	752.1	855.2	973.3	1115.6	1267.5	1439.5	1630.4	1833.2
-42.5°	468.3	540.5	619.9	703.2	797.7	903.3	1021.2	1160.2	1303.2	1463.1	1640.1
-45°	443.7	510.1	582.7	658.7	738.3	831.6	938.7	1054.3	1181.1	1311.6	1460.2
-47.5°	417.9	478.5	546.1	612.4	682.8	762.4	853.4	958.2	1063.9	1180.2	1295.5
-50°	392.1	448.9	505.8	567.6	630.7	696.9	773.8	864.3	960.5	1056.9	1158.4
-52.5°	368.9	418.1	469.5	522.5	580.0	638.9	703.0	777.6	861.7	946.7	1034.1
-55°	345.3	390.6	433.0	480.6	530.3	583.3	640.4	703.2	766.7	844.1	919.3
-57.5°	322.2	362.4	399.3	439.8	484.0	529.1	580.5	633.9	691.5	750.0	811.6
-60°	299.0	333.2	366.7	401.7	438.8	478.9	520.2	567.1	616.6	667.4	720.7
-62.5°	275.1	302.8	332.3	364.4	397.0	427.8	462.5	500.8	541.6	585.2	630.5
-65°	248.3	271.2	295.9	323.8	354.5	379.4	405.9	434.7	468.4	504.3	539.8
-67.5°	219.6	240.0	260.1	280.8	305.7	328.0	349.8	372.7	397.9	427.2	455.7
-70°	187.7	208.0	225.7	242.9	258.7	274.6	293.2	311.3	331.6	357.9	383.8
-72.5°	155.3	174.3	191.1	205.7	216.8	226.3	237.7	250.8	270.3	294.8	317.6
-75°	125.6	141.0	156.7	170.7	177.8	180.7	183.1	190.0	209.7	234.8	257.0
-77.5°	97.8	111.2	124.0	136.2	141.2	143.2	144.2	144.2	158.7	180.1	202.5
-80°	72.0	81.3	92.2	102.6	105.7	106.6	106.8	106.1	118.0	133.4	149.8
-82.5°	50.0	56.7	63.7	70.8	71.7	71.2	70.2	69.2	78.8	89.9	101.3
-85°	29.1	32.0	36.2	40.5	41.0	40.8	40.1	38.9	44.2	50.2	56.6
-87.5°	14.6	16.0	17.4	18.8	18.3	17.6	16.7	15.5	17.0	18.6	20.2
-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: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.0	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	8.8	5.1	5.2	6.6	5.6	2.6	5.1	6.5	6.0	4.6	4.0
57.5°	44.9	37.6	26.2	44.0	45.3	31.6	34.2	44.6	43.3	33.4	33.3
55°	113.0	114.6	123.0	134.2	142.4	146.2	149.6	166.4	184.3	201.9	210.7
52.5°	186.6	208.4	235.6	253.6	266.1	291.8	327.8	344.4	360.5	378.7	391.9
50°	274.9	312.8	340.0	344.0	386.8	414.6	421.1	452.2	486.0	507.0	522.1
47.5°	408.9	456.9	480.6	495.8	547.9	605.0	605.1	622.9	707.5	751.8	773.1
45°	588.9	629.0	671.0	780.1	880.4	912.2	980.4	1072.7	1132.7	1215.3	1306.1
42.5°	742.3	817.4	922.6	1042.8	1143.4	1227.1	1328.4	1439.3	1572.6	1698.0	1806.1
40°	894.0	987.0	1117.3	1248.0	1374.7	1490.7	1653.9	1796.6	1953.9	2126.3	2270.0
37.5°	1092.0	1211.1	1345.8	1510.6	1707.7	1836.5	2061.0	2266.1	2443.2	2651.4	2779.7
35°	1396.1	1551.3	1670.5	2003.7	2243.5	2394.2	2659.9	2996.9	3126.3	3388.6	3513.0
32.5°	1778.4	1984.6	2298.4	2739.7	3059.9	3337.3	3734.6	4076.5	4368.0	4631.3	4905.3
30°	2208.0	2526.2	2988.8	3575.1	3900.4	4288.9	4826.1	5231.5	5688.6	6190.3	6366.1
27.5°	2597.9	3074.4	3611.5	4086.5	4553.7	5037.5	5565.3	6086.2	6580.9	6998.4	7278.6
25°	2959.2	3536.4	4058.3	4565.8	5072.1	5617.0	6214.0	6804.8	7349.2	7778.7	8105.4
22.5°	3331.9	3941.7	4500.0	5015.0	5603.9	6221.4	6856.2	7533.8	8153.4	8599.1	8954.9
20°	3682.3	4360.5	4997.4	5583.8	6140.4	6853.2	7584.3	8303.0	8977.7	9508.6	9918.9
17.5°	4238.5	4827.2	5605.6	6367.4	6994.5	7649.3	8626.2	9368.0	10116.7	10752.5	11187.4
15°	4921.5	5568.9	6372.7	7418.8	8278.1	9028.3	10037.6	11244.3	12127.4	12939.1	13495.9
12.5°	5605.1	6337.3	7206.8	8384.0	9607.5	10491.2	11715.5	13244.7	14273.3	15530.0	16149.5
10°	6129.1	7048.5	7943.9	9018.3	10193.2	11451.6	12771.4	14202.1	15576.5	16655.5	17620.2
7.5°	6340.0	7319.4	8356.0	9452.1	10626.9	11925.6	13332.3	14821.0	16235.5	17440.8	18500.8
5°	6497.7	7501.2	8544.6	9665.4	10921.3	12277.5	13705.2	15268.1	16712.7	18004.5	19089.0
2.5°	6597.9	7610.9	8649.8	9789.2	11110.1	12506.6	13980.2	15584.5	17050.7	18380.6	19461.6
0°	6636.4	7634.6	8698.5	9871.7	11179.3	12579.1	14116.3	15739.5	17217.4	18503.1	19615.4
-2.5°	6641.6	7612.5	8701.7	9869.2	11120.3	12533.2	14089.0	15698.7	17146.5	18427.0	19549.2
-5°	6589.4	7560.0	8650.2	9800.0	11052.9	12455.1	13944.1	15499.5	16880.4	18126.6	19207.1
-7.5°	6483.8	7451.6	8517.7	9641.2	10860.3	12220.4	13650.5	15096.6	16451.3	17646.6	18677.7
-10°	6327.0	7274.4	8303.6	9398.2	10551.8	11845.5	13209.2	14590.9	15861.2	16966.5	17920.1
-12.5°	6114.6	7040.2	8023.0	9068.0	10141.7	11375.2	12662.8	13960.3	15118.2	16127.3	16982.8
-15°	5838.8	6742.8	7694.5	8682.8	9724.0	10839.4	11995.0	13185.1	14253.0	15147.9	15929.5
-17.5°	5513.9	6390.7	7294.5	8210.6	9198.6	10245.1	11317.8	12386.1	13296.9	14091.9	14806.6
-20°	5151.7	5996.5	6855.0	7709.0	8605.4	9573.3	10564.0	11502.4	12298.3	13020.7	13674.7



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4745.6	5554.3	6377.1	7176.3	7984.7	8861.0	9745.8	10594.4	11338.9	11956.8	12525.1
-25°	4311.0	5058.1	5835.0	6584.4	7328.4	8113.8	8917.4	9698.2	10353.4	10890.0	11359.6
-27.5°	3872.9	4555.6	5240.2	5945.7	6633.4	7358.0	8085.7	8760.1	9348.3	9842.3	10236.9
-30°	3412.4	4022.8	4648.0	5286.3	5943.0	6606.1	7263.5	7854.0	8367.6	8802.0	9143.1
-32.5°	3029.8	3493.4	4045.4	4624.9	5240.5	5844.7	6416.5	6954.7	7438.7	7818.0	8107.3
-35°	2663.0	3055.7	3469.0	3982.0	4510.8	5066.8	5592.9	6073.3	6504.6	6836.1	7108.2
-37.5°	2347.8	2658.3	3007.9	3374.1	3817.4	4277.1	4751.9	5203.6	5588.3	5877.4	6120.4
-40°	2074.9	2320.0	2599.4	2889.7	3215.9	3546.1	3959.5	4340.7	4654.7	4925.0	5145.1
-42.5°	1828.2	2035.1	2241.3	2479.5	2725.6	2991.0	3281.1	3563.1	3804.1	4030.3	4217.3
-45°	1615.2	1780.5	1944.9	2128.8	2309.5	2525.4	2732.7	2917.6	3112.8	3282.1	3415.5
-47.5°	1429.0	1557.8	1698.8	1836.4	1981.5	2144.1	2298.3	2439.0	2582.0	2705.9	2805.3
-50°	1263.5	1370.3	1485.4	1593.5	1710.8	1829.8	1943.8	2055.7	2164.4	2258.6	2332.0
-52.5°	1118.6	1211.9	1301.6	1387.7	1481.1	1569.1	1651.7	1744.0	1829.0	1903.2	1953.4
-55°	995.2	1071.4	1144.9	1216.8	1287.4	1354.1	1420.0	1491.7	1557.3	1616.3	1653.6
-57.5°	879.4	944.3	1006.5	1065.2	1121.2	1174.2	1229.7	1284.8	1335.4	1379.9	1408.8
-60°	774.0	827.0	880.9	928.8	973.9	1016.3	1063.0	1107.1	1147.9	1182.2	1202.1
-62.5°	677.5	725.0	764.7	802.6	841.1	879.2	912.4	945.0	976.4	1003.0	1020.4
-65°	576.6	616.8	650.6	681.1	708.6	738.2	766.5	792.0	814.7	832.0	843.0
-67.5°	486.2	515.9	543.0	567.2	591.7	615.4	637.2	656.6	673.7	685.7	693.6
-70°	407.8	430.4	452.6	474.6	496.5	515.0	530.7	545.2	558.4	563.9	566.3
-72.5°	338.9	359.0	378.5	397.9	416.1	430.5	442.1	452.7	462.3	454.1	439.6
-75°	276.4	294.1	312.2	329.4	345.5	356.5	365.1	373.0	380.2	362.4	337.8
-77.5°	225.2	240.8	254.2	267.6	280.8	287.9	293.3	298.7	303.8	283.9	258.7
-80°	167.1	179.6	191.0	202.3	213.4	217.5	220.0	221.6	222.5	205.4	185.7
-82.5°	112.9	119.4	125.7	132.2	138.9	142.4	145.1	147.1	148.6	136.4	122.8
-85°	63.3	65.2	66.8	68.1	69.2	71.4	73.5	75.4	77.1	71.4	65.1
-87.5°	21.8	21.8	21.7	21.5	21.2	21.3	21.3	21.2	21.2	20.2	19.3
-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: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.1	1.9	1.6	1.6	1.6	1.9	3.1	4.0	4.6	6.0	6.5
57.5°	31.1	27.1	24.4	21.9	24.4	27.1	31.1	33.3	33.4	43.3	44.6
55°	206.9	192.7	175.2	154.7	175.2	192.7	206.9	210.7	201.9	184.3	166.4
52.5°	405.9	419.4	427.2	426.5	427.2	419.4	405.9	391.9	378.7	360.5	344.4
50°	534.2	541.5	541.9	535.8	541.9	541.5	534.2	522.1	507.0	486.0	452.2
47.5°	782.7	772.5	754.8	735.8	754.8	772.5	782.7	773.1	751.8	707.5	622.9
45°	1365.8	1398.7	1396.6	1354.5	1396.6	1398.7	1365.8	1306.1	1215.3	1132.7	1072.7
42.5°	1866.5	1915.8	1950.7	1968.4	1950.7	1915.8	1866.5	1806.1	1698.0	1572.6	1439.3
40°	2350.9	2398.6	2419.5	2418.3	2419.5	2398.6	2350.9	2270.0	2126.3	1953.9	1796.6
37.5°	2862.9	2924.5	2954.4	2940.1	2954.4	2924.5	2862.9	2779.7	2651.4	2443.2	2266.1
35°	3566.9	3624.5	3625.6	3596.3	3625.6	3624.5	3566.9	3513.0	3388.6	3126.3	2996.9
32.5°	5122.8	5142.1	4993.9	4941.3	4993.9	5142.1	5122.8	4905.3	4631.3	4368.0	4076.5
30°	6541.0	6677.7	6804.9	6869.1	6804.9	6677.7	6541.0	6366.1	6190.3	5688.6	5231.5
27.5°	7489.9	7654.3	7756.3	7762.7	7756.3	7654.3	7489.9	7278.6	6998.4	6580.9	6086.2
25°	8352.8	8536.8	8648.0	8686.0	8648.0	8536.8	8352.8	8105.4	7778.7	7349.2	6804.8
22.5°	9256.9	9473.7	9617.4	9646.8	9617.4	9473.7	9256.9	8954.9	8599.1	8153.4	7533.8
20°	10305.9	10558.3	10696.0	10690.4	10696.0	10558.3	10305.9	9918.9	9508.6	8977.7	8303.0
17.5°	11686.9	11957.5	12076.5	12024.5	12076.5	11957.5	11686.9	11187.4	10752.5	10116.7	9368.0
15°	14067.4	14633.5	14631.3	14405.3	14631.3	14633.5	14067.4	13495.9	12939.1	12127.4	11244.3
12.5°	17003.8	17425.7	17858.6	17951.6	17858.6	17425.7	17003.8	16149.5	15530.0	14273.3	13244.7
10°	18432.6	18992.9	19362.6	19352.9	19362.6	18992.9	18432.6	17620.2	16655.5	15576.5	14202.1
7.5°	19326.5	19945.5	20393.6	20384.0	20393.6	19945.5	19326.5	18500.8	17440.8	16235.5	14821.0
5°	20016.3	20702.9	21099.8	21129.2	21099.8	20702.9	20016.3	19089.0	18004.5	16712.7	15268.1
2.5°	20374.7	21091.3	21568.5	21505.7	21568.5	21091.3	20374.7	19461.6	18380.6	17050.7	15584.5
0°	20524.6	21233.9	21679.1	21871.2	21679.1	21233.9	20524.6	19615.4	18503.1	17217.4	15739.5
-2.5°	20459.1	21149.3	21641.3	21660.3	21641.3	21149.3	20459.1	19549.2	18427.0	17146.5	15698.7
-5°	20108.6	20836.9	21166.5	21341.6	21166.5	20836.9	20108.6	19207.1	18126.6	16880.4	15499.5
-7.5°	19543.3	20089.0	20507.8	20701.1	20507.8	20089.0	19543.3	18677.7	17646.6	16451.3	15096.6
-10°	18663.5	19228.4	19582.3	19741.9	19582.3	19228.4	18663.5	17920.1	16966.5	15861.2	14590.9
-12.5°	17688.8	18202.3	18538.6	18673.4	18538.6	18202.3	17688.8	16982.8	16127.3	15118.2	13960.3
-15°	16601.4	17067.6	17377.2	17506.4	17377.2	17067.6	16601.4	15929.5	15147.9	14253.0	13185.1
-17.5°	15404.3	15812.8	16121.3	16214.4	16121.3	15812.8	15404.3	14806.6	14091.9	13296.9	12386.1
-20°	14173.4	14542.7	14796.8	14852.1	14796.8	14542.7	14173.4	13674.7	13020.7	12298.3	11502.4



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12933.1	13237.4	13443.8	13513.3	13443.8	13237.4	12933.1	12525.1	11956.8	11338.9	10594.4
-25°	11721.0	11983.6	12149.8	12212.0	12149.8	11983.6	11721.0	11359.6	10890.0	10353.4	9698.2
-27.5°	10555.3	10800.1	10952.7	10973.1	10952.7	10800.1	10555.3	10236.9	9842.3	9348.3	8760.1
-30°	9408.3	9610.5	9728.1	9778.0	9728.1	9610.5	9408.3	9143.1	8802.0	8367.6	7854.0
-32.5°	8336.4	8513.0	8618.7	8647.0	8618.7	8513.0	8336.4	8107.3	7818.0	7438.7	6954.7
-35°	7324.5	7487.6	7581.2	7573.7	7581.2	7487.6	7324.5	7108.2	6836.1	6504.6	6073.3
-37.5°	6321.3	6471.8	6556.8	6548.9	6556.8	6471.8	6321.3	6120.4	5877.4	5588.3	5203.6
-40°	5326.2	5456.0	5530.9	5549.0	5530.9	5456.0	5326.2	5145.1	4925.0	4654.7	4340.7
-42.5°	4372.8	4492.6	4552.5	4528.9	4552.5	4492.6	4372.8	4217.3	4030.3	3804.1	3563.1
-45°	3508.7	3570.7	3611.5	3636.9	3611.5	3570.7	3508.7	3415.5	3282.1	3112.8	2917.6
-47.5°	2878.0	2929.4	2957.2	2962.0	2957.2	2929.4	2878.0	2805.3	2705.9	2582.0	2439.0
-50°	2389.0	2432.7	2452.0	2446.5	2452.0	2432.7	2389.0	2332.0	2258.6	2164.4	2055.7
-52.5°	1989.5	2014.9	2032.0	2040.3	2032.0	2014.9	1989.5	1953.4	1903.2	1829.0	1744.0
-55°	1681.7	1701.5	1713.0	1716.9	1713.0	1701.5	1681.7	1653.6	1616.3	1557.3	1491.7
-57.5°	1432.9	1451.7	1458.5	1456.0	1458.5	1451.7	1432.9	1408.8	1379.9	1335.4	1284.8
-60°	1217.5	1228.3	1236.3	1240.4	1236.3	1228.3	1217.5	1202.1	1182.2	1147.9	1107.1
-62.5°	1034.2	1044.3	1052.7	1057.6	1052.7	1044.3	1034.2	1020.4	1003.0	976.4	945.0
-65°	850.8	855.2	856.4	854.5	856.4	855.2	850.8	843.0	832.0	814.7	792.0
-67.5°	699.5	703.2	705.7	706.1	705.7	703.2	699.5	693.6	685.7	673.7	656.6
-70°	568.7	570.2	568.4	564.0	568.4	570.2	568.7	566.3	563.9	558.4	545.2
-72.5°	424.8	409.3	393.7	376.5	393.7	409.3	424.8	439.6	454.1	462.3	452.7
-75°	312.3	285.9	276.4	267.1	276.4	285.9	312.3	337.8	362.4	380.2	373.0
-77.5°	232.3	204.9	197.5	190.6	197.5	204.9	232.3	258.7	283.9	303.8	298.7
-80°	165.0	143.6	138.9	134.4	138.9	143.6	165.0	185.7	205.4	222.5	221.6
-82.5°	108.4	93.5	90.5	87.5	90.5	93.5	108.4	122.8	136.4	148.6	147.1
-85°	58.4	51.4	49.9	48.4	49.9	51.4	58.4	65.1	71.4	77.1	75.4
-87.5°	18.2	17.1	17.2	17.2	17.2	17.1	18.2	19.3	20.2	21.2	21.2
-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: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.0	2.1	2.0	2.4	3.6
60°	5.1	2.6	5.6	6.6	5.2	5.1	8.8	8.3	3.2	11.7	14.2
57.5°	34.2	31.6	45.3	44.0	26.2	37.6	44.9	30.1	20.9	33.2	40.1
55°	149.6	146.2	142.4	134.2	123.0	114.6	113.0	112.8	89.5	64.9	73.6
52.5°	327.8	291.8	266.1	253.6	235.6	208.4	186.6	182.3	176.8	146.4	120.9
50°	421.1	414.6	386.8	344.0	340.0	312.8	274.9	248.6	245.3	224.4	185.9
47.5°	605.1	605.0	547.9	495.8	480.6	456.9	408.9	338.3	331.8	314.0	271.1
45°	980.4	912.2	880.4	780.1	671.0	629.0	588.9	504.0	434.5	407.2	377.0
42.5°	1328.4	1227.1	1143.4	1042.8	922.6	817.4	742.3	648.9	565.1	507.0	463.7
40°	1653.9	1490.7	1374.7	1248.0	1117.3	987.0	894.0	776.7	681.1	603.2	557.4
37.5°	2061.0	1836.5	1707.7	1510.6	1345.8	1211.1	1092.0	942.6	789.0	725.6	668.8
35°	2659.9	2394.2	2243.5	2003.7	1670.5	1551.3	1396.1	1172.4	978.0	869.4	799.2
32.5°	3734.6	3337.3	3059.9	2739.7	2298.4	1984.6	1778.4	1529.6	1218.2	1062.0	945.5
30°	4826.1	4288.9	3900.4	3575.1	2988.8	2526.2	2208.0	1855.8	1520.2	1266.4	1108.4
27.5°	5565.3	5037.5	4553.7	4086.5	3611.5	3074.4	2597.9	2145.7	1778.7	1494.9	1290.7
25°	6214.0	5617.0	5072.1	4565.8	4058.3	3536.4	2959.2	2451.1	2020.2	1695.6	1429.1
22.5°	6856.2	6221.4	5603.9	5015.0	4500.0	3941.7	3331.9	2747.2	2252.1	1915.8	1595.5
20°	7584.3	6853.2	6140.4	5583.8	4997.4	4360.5	3682.3	3124.9	2639.7	2179.1	1777.6
17.5°	8626.2	7649.3	6994.5	6367.4	5605.6	4827.2	4238.5	3654.1	3056.7	2457.2	1968.6
15°	10037.6	9028.3	8278.1	7418.8	6372.7	5568.9	4921.5	4211.9	3504.2	2786.4	2196.1
12.5°	11715.5	10491.2	9607.5	8384.0	7206.8	6337.3	5605.1	4810.9	3941.6	3083.9	2407.5
10°	12771.4	11451.6	10193.2	9018.3	7943.9	7048.5	6129.1	5159.1	4192.3	3308.4	2590.4
7.5°	13332.3	11925.6	10626.9	9452.1	8356.0	7319.4	6340.0	5363.3	4393.9	3483.8	2745.0
5°	13705.2	12277.5	10921.3	9665.4	8544.6	7501.2	6497.7	5501.6	4545.6	3613.1	2871.4
2.5°	13980.2	12506.6	11110.1	9789.2	8649.8	7610.9	6597.9	5582.2	4624.8	3682.4	2915.5
0°	14116.3	12579.1	11179.3	9871.7	8698.5	7634.6	6636.4	5611.5	4643.0	3711.9	2933.9
-2.5°	14089.0	12533.2	11120.3	9869.2	8701.7	7612.5	6641.6	5627.4	4648.0	3733.9	2946.9
-5°	13944.1	12455.1	11052.9	9800.0	8650.2	7560.0	6589.4	5593.0	4611.5	3716.3	2934.5
-7.5°	13650.5	12220.4	10860.3	9641.2	8517.7	7451.6	6483.8	5508.5	4537.7	3655.7	2897.9
-10°	13209.2	11845.5	10551.8	9398.2	8303.6	7274.4	6327.0	5365.8	4415.8	3556.2	2834.4
-12.5°	12662.8	11375.2	10141.7	9068.0	8023.0	7040.2	6114.6	5164.6	4246.4	3417.9	2743.9
-15°	11995.0	10839.4	9724.0	8682.8	7694.5	6742.8	5838.8	4914.1	4031.0	3239.8	2626.5
-17.5°	11317.8	10245.1	9198.6	8210.6	7294.5	6390.7	5513.9	4635.6	3790.6	3047.8	2489.0
-20°	10564.0	9573.3	8605.4	7709.0	6855.0	5996.5	5151.7	4307.0	3515.4	2868.1	2367.3



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9745.8	8861.0	7984.7	7176.3	6377.1	5554.3	4745.6	3948.3	3197.2	2666.5	2229.3
-25°	8917.4	8113.8	7328.4	6584.4	5835.0	5058.1	4311.0	3583.0	2962.0	2476.2	2080.3
-27.5°	8085.7	7358.0	6633.4	5945.7	5240.2	4555.6	3872.9	3212.9	2707.3	2294.3	1941.4
-30°	7263.5	6606.1	5943.0	5286.3	4648.0	4022.8	3412.4	2912.6	2473.0	2099.8	1786.0
-32.5°	6416.5	5844.7	5240.5	4624.9	4045.4	3493.4	3029.8	2608.5	2228.6	1920.7	1647.7
-35°	5592.9	5066.8	4510.8	3982.0	3469.0	3055.7	2663.0	2318.6	2014.7	1742.0	1509.8
-37.5°	4751.9	4277.1	3817.4	3374.1	3007.9	2658.3	2347.8	2066.5	1803.9	1587.0	1387.1
-40°	3959.5	3546.1	3215.9	2889.7	2599.4	2320.0	2074.9	1833.2	1630.4	1439.5	1267.5
-42.5°	3281.1	2991.0	2725.6	2479.5	2241.3	2035.1	1828.2	1640.1	1463.1	1303.2	1160.2
-45°	2732.7	2525.4	2309.5	2128.8	1944.9	1780.5	1615.2	1460.2	1311.6	1181.1	1054.3
-47.5°	2298.3	2144.1	1981.5	1836.4	1698.8	1557.8	1429.0	1295.5	1180.2	1063.9	958.2
-50°	1943.8	1829.8	1710.8	1593.5	1485.4	1370.3	1263.5	1158.4	1056.9	960.5	864.3
-52.5°	1651.7	1569.1	1481.1	1387.7	1301.6	1211.9	1118.6	1034.1	946.7	861.7	777.6
-55°	1420.0	1354.1	1287.4	1216.8	1144.9	1071.4	995.2	919.3	844.1	766.7	703.2
-57.5°	1229.7	1174.2	1121.2	1065.2	1006.5	944.3	879.4	811.6	750.0	691.5	633.9
-60°	1063.0	1016.3	973.9	928.8	880.9	827.0	774.0	720.7	667.4	616.6	567.1
-62.5°	912.4	879.2	841.1	802.6	764.7	725.0	677.5	630.5	585.2	541.6	500.8
-65°	766.5	738.2	708.6	681.1	650.6	616.8	576.6	539.8	504.3	468.4	434.7
-67.5°	637.2	615.4	591.7	567.2	543.0	515.9	486.2	455.7	427.2	397.9	372.7
-70°	530.7	515.0	496.5	474.6	452.6	430.4	407.8	383.8	357.9	331.6	311.3
-72.5°	442.1	430.5	416.1	397.9	378.5	359.0	338.9	317.6	294.8	270.3	250.8
-75°	365.1	356.5	345.5	329.4	312.2	294.1	276.4	257.0	234.8	209.7	190.0
-77.5°	293.3	287.9	280.8	267.6	254.2	240.8	225.2	202.5	180.1	158.7	144.2
-80°	220.0	217.5	213.4	202.3	191.0	179.6	167.1	149.8	133.4	118.0	106.1
-82.5°	145.1	142.4	138.9	132.2	125.7	119.4	112.9	101.3	89.9	78.8	69.2
-85°	73.5	71.4	69.2	68.1	66.8	65.2	63.3	56.6	50.2	44.2	38.9
-87.5°	21.3	21.3	21.2	21.5	21.7	21.8	21.8	20.2	18.6	17.0	15.5
-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: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.3	2.2	1.6	1.6	3.0	2.6	2.3	1.6
62.5°	3.1	1.6	4.1	5.5	3.5	2.8	2.3	6.5	4.2	3.0	2.2
60°	7.1	5.8	10.9	16.7	12.0	4.7	6.8	11.2	10.4	3.8	3.0
57.5°	36.2	16.5	24.4	31.8	30.3	17.0	13.8	19.2	17.4	10.2	4.1
55°	75.0	63.8	50.8	50.5	51.1	40.4	28.7	29.7	26.3	18.7	6.0
52.5°	114.0	110.5	98.4	80.2	73.6	66.5	54.4	42.0	39.0	27.9	14.7
50°	162.6	153.7	144.1	125.4	101.6	92.3	79.9	64.2	53.1	39.0	24.3
47.5°	218.1	202.6	188.1	170.0	144.0	119.6	105.6	87.1	68.6	53.5	34.0
45°	304.7	254.4	234.8	213.9	187.1	156.6	132.5	109.7	88.9	68.1	43.8
42.5°	393.6	323.7	282.7	259.1	231.1	196.6	160.4	134.9	108.9	82.7	55.3
40°	483.2	396.6	334.5	305.1	276.6	236.6	195.9	161.1	128.5	97.9	67.9
37.5°	579.9	478.2	394.2	352.8	322.8	279.6	232.1	187.9	148.6	114.3	80.4
35°	700.3	575.0	459.1	408.0	367.8	323.5	267.8	217.0	172.6	130.7	92.7
32.5°	835.7	681.8	552.2	468.2	413.4	368.1	305.9	249.8	197.2	147.2	104.8
30°	970.4	791.7	640.6	527.8	462.0	409.9	346.4	282.8	222.4	163.7	117.1
27.5°	1073.2	886.6	723.3	599.5	515.8	451.6	386.8	316.0	248.0	181.8	130.5
25°	1178.2	974.4	803.5	669.6	568.4	494.1	425.7	349.1	275.2	202.6	143.7
22.5°	1300.8	1057.9	871.2	733.0	624.3	537.2	462.8	382.7	302.7	223.2	156.4
20°	1420.8	1134.8	933.5	806.9	685.2	585.3	499.1	414.8	329.7	243.5	168.8
17.5°	1543.7	1242.9	1036.9	883.5	748.2	632.9	535.1	445.1	355.8	263.3	180.7
15°	1729.1	1387.3	1141.1	959.1	809.1	679.5	570.3	473.7	381.1	282.4	191.2
12.5°	1903.7	1523.3	1242.2	1033.0	867.6	724.7	604.4	500.5	405.1	298.2	200.0
10°	2058.1	1649.8	1339.0	1104.3	923.1	768.1	637.1	521.6	419.4	310.8	207.9
7.5°	2192.5	1766.0	1430.4	1172.1	970.4	797.5	653.7	532.6	430.2	322.0	214.8
5°	2295.3	1845.0	1480.6	1199.2	988.2	810.9	665.6	541.5	438.8	331.5	220.7
2.5°	2329.2	1871.4	1500.5	1214.5	1001.2	820.5	674.8	548.3	445.4	339.3	225.7
0°	2344.9	1884.1	1510.7	1223.2	1009.2	826.4	681.1	553.0	449.9	345.3	229.6
-2.5°	2362.2	1901.4	1525.0	1236.8	1017.6	834.5	687.8	560.3	456.4	352.0	236.2
-5°	2360.9	1904.7	1529.7	1243.4	1020.9	838.8	691.7	565.6	461.1	357.0	241.8
-7.5°	2336.0	1889.9	1523.8	1242.1	1019.1	839.3	692.7	568.7	464.0	360.1	246.1
-10°	2291.4	1859.2	1506.6	1230.9	1012.4	835.6	691.1	569.6	465.2	361.4	249.2
-12.5°	2228.5	1815.6	1479.0	1212.5	1000.3	827.8	686.0	567.0	464.5	361.0	251.0
-15°	2147.7	1759.4	1440.8	1187.0	982.9	816.2	677.9	561.5	460.4	358.3	251.4
-17.5°	2050.1	1691.2	1392.1	1154.5	960.1	800.7	666.7	553.9	454.9	353.7	250.9
-20°	1959.4	1619.4	1336.0	1115.0	931.9	781.5	652.5	544.1	448.0	347.9	249.7

Classified

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Scaled Data Report



REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1858.0	1544.8	1286.2	1077.3	902.1	758.6	635.2	532.3	439.9	341.1	247.5
-25°	1742.0	1460.3	1229.3	1035.2	873.1	736.6	617.4	518.4	430.5	333.3	244.2
-27.5°	1633.0	1373.1	1165.6	986.7	839.6	711.4	599.9	505.6	419.7	324.6	239.8
-30°	1521.8	1297.2	1104.5	935.9	802.7	683.2	580.1	491.8	407.5	316.9	234.5
-32.5°	1408.8	1214.5	1039.1	892.0	766.9	652.9	558.5	477.1	394.7	309.4	230.1
-35°	1311.6	1133.0	968.8	844.6	730.2	627.0	537.0	461.4	381.6	300.8	225.3
-37.5°	1208.2	1050.4	914.1	797.6	690.9	598.9	516.3	443.0	368.1	291.2	219.5
-40°	1115.6	973.3	855.2	752.1	655.5	568.4	493.3	423.3	355.5	280.7	212.7
-42.5°	1021.2	903.3	797.7	703.2	619.9	540.5	468.3	402.4	339.1	270.9	204.9
-45°	938.7	831.6	738.3	658.7	582.7	510.1	443.7	380.6	321.6	260.9	196.8
-47.5°	853.4	762.4	682.8	612.4	546.1	478.5	417.9	360.5	303.5	249.7	188.6
-50°	773.8	696.9	630.7	567.6	505.8	448.9	392.1	339.7	287.0	235.0	179.3
-52.5°	703.0	638.9	580.0	522.5	469.5	418.1	368.9	318.7	269.7	220.4	169.0
-55°	640.4	583.3	530.3	480.6	433.0	390.6	345.3	298.8	251.7	205.4	158.0
-57.5°	580.5	529.1	484.0	439.8	399.3	362.4	322.2	278.2	233.6	189.5	148.2
-60°	520.2	478.9	438.8	401.7	366.7	333.2	299.0	257.0	214.8	173.3	136.4
-62.5°	462.5	427.8	397.0	364.4	332.3	302.8	275.1	235.0	195.3	157.2	123.2
-65°	405.9	379.4	354.5	323.8	295.9	271.2	248.3	212.3	174.7	140.1	109.5
-67.5°	349.8	328.0	305.7	280.8	260.1	240.0	219.6	187.1	152.9	122.1	95.7
-70°	293.2	274.6	258.7	242.9	225.7	208.0	187.7	160.0	130.1	105.0	81.4
-72.5°	237.7	226.3	216.8	205.7	191.1	174.3	155.3	132.7	109.4	87.4	66.7
-75°	183.1	180.7	177.8	170.7	156.7	141.0	125.6	108.3	88.3	69.3	54.3
-77.5°	144.2	143.2	141.2	136.2	124.0	111.2	97.8	83.3	68.1	55.1	42.7
-80°	106.8	106.6	105.7	102.6	92.2	81.3	72.0	62.7	51.6	40.9	30.8
-82.5°	70.2	71.2	71.7	70.8	63.7	56.7	50.0	43.4	34.8	26.6	20.6
-85°	40.1	40.8	41.0	40.5	36.2	32.0	29.1	26.3	21.7	17.5	13.8
-87.5°	16.7	17.6	18.3	18.8	17.4	16.0	14.6	13.2	10.9	8.8	6.9
-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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REPORT NUMBER: P627232 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.1	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.5	1.6	1.6	1.6	0.8	0.0
57.5°	4.2	3.0	2.0	1.6	1.6	0.9	0.0
55°	6.5	3.4	2.5	1.6	1.6	0.9	0.0
52.5°	9.0	4.3	3.0	1.6	1.7	1.0	0.0
50°	11.9	7.0	3.5	1.6	1.7	1.0	0.0
47.5°	15.9	9.9	4.0	1.7	1.7	1.1	0.0
45°	24.3	13.0	4.6	2.1	1.8	1.1	0.0
42.5°	32.8	16.2	5.2	2.6	1.8	1.2	0.0
40°	41.1	19.6	6.8	3.1	1.9	1.2	0.0
37.5°	49.5	23.2	9.5	3.8	1.9	1.3	0.0
35°	57.7	28.9	12.2	4.5	2.0	1.3	0.0
32.5°	66.4	35.4	14.9	5.3	2.1	1.3	0.0
30°	76.2	41.7	17.6	6.1	2.1	1.4	0.0
27.5°	85.7	47.9	20.8	7.0	2.2	1.4	0.0
25°	94.8	53.8	23.9	7.9	2.3	1.5	0.0
22.5°	103.6	59.6	27.0	8.9	2.4	1.5	0.0
20°	111.9	65.2	30.0	9.9	2.5	1.5	0.0
17.5°	119.7	70.5	32.8	10.8	2.6	1.5	0.0
15°	126.7	75.5	35.6	11.8	2.6	1.5	0.0
12.5°	133.2	80.1	38.2	12.8	2.7	1.6	0.0
10°	139.1	84.3	40.6	13.8	2.8	1.6	0.0
7.5°	144.4	88.1	42.8	14.7	2.9	1.6	0.0
5°	149.0	91.5	44.9	15.6	3.0	1.6	0.0
2.5°	152.9	94.4	46.8	16.4	3.0	1.6	0.0
0°	156.2	96.9	48.4	17.2	3.1	1.6	0.0
-2.5°	160.5	99.9	50.6	18.3	3.6	1.7	0.0
-5°	164.0	102.5	52.6	19.3	4.0	1.8	0.0
-7.5°	166.8	104.6	54.2	20.2	4.5	1.9	0.0
-10°	168.8	106.1	55.6	21.0	4.9	2.0	0.0
-12.5°	169.9	107.1	56.6	21.7	5.3	2.0	0.0
-15°	170.3	107.6	57.3	22.2	5.7	2.1	0.0
-17.5°	169.8	107.5	57.6	22.6	6.1	2.2	0.0
-20°	169.3	106.9	57.6	22.9	6.4	2.2	0.0

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CATALOG NUMBER: GFLD-SA3D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	169.4	105.8	57.1	23.1	6.7	2.3	0.0
-25°	168.6	105.4	56.2	23.1	7.0	2.3	0.0
-27.5°	167.0	104.9	55.0	22.9	7.2	2.4	0.0
-30°	164.6	103.8	53.4	22.6	7.3	2.4	0.0
-32.5°	161.2	102.0	52.7	22.1	7.5	2.4	0.0
-35°	158.1	99.6	51.6	21.5	7.5	2.4	0.0
-37.5°	154.5	96.9	50.1	20.6	7.6	2.4	0.0
-40°	150.1	94.6	48.1	19.7	7.5	2.4	0.0
-42.5°	144.8	91.6	46.6	18.8	7.5	2.3	0.0
-45°	138.6	88.0	45.7	18.1	7.3	2.3	0.0
-47.5°	131.6	83.9	44.3	17.1	7.2	2.2	0.0
-50°	125.5	79.1	42.5	16.8	7.0	2.2	0.0
-52.5°	118.9	73.8	40.1	16.5	6.7	2.1	0.0
-55°	111.5	69.5	37.4	16.1	6.4	2.0	0.0
-57.5°	103.5	64.8	34.2	15.4	6.0	1.9	0.0
-60°	94.9	59.4	30.6	14.6	5.6	1.8	0.0
-62.5°	86.6	53.4	28.5	13.5	5.2	1.7	0.0
-65°	77.5	46.9	26.0	12.3	4.9	1.6	0.0
-67.5°	67.6	41.1	23.3	11.0	4.5	1.4	0.0
-70°	57.0	36.0	20.3	9.4	4.0	1.3	0.0
-72.5°	48.4	30.5	17.0	8.3	3.6	1.1	0.0
-75°	39.8	24.7	13.5	7.3	3.1	1.0	0.0
-77.5°	30.6	18.6	11.1	6.1	2.6	0.8	0.0
-80°	21.2	14.2	9.0	5.0	2.1	0.7	0.0
-82.5°	15.6	10.8	6.8	3.8	1.6	0.5	0.0
-85°	10.5	7.2	4.6	2.5	1.1	0.3	0.0
-87.5°	5.2	3.6	2.3	1.3	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)