

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: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627172 (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-SA3C-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: -

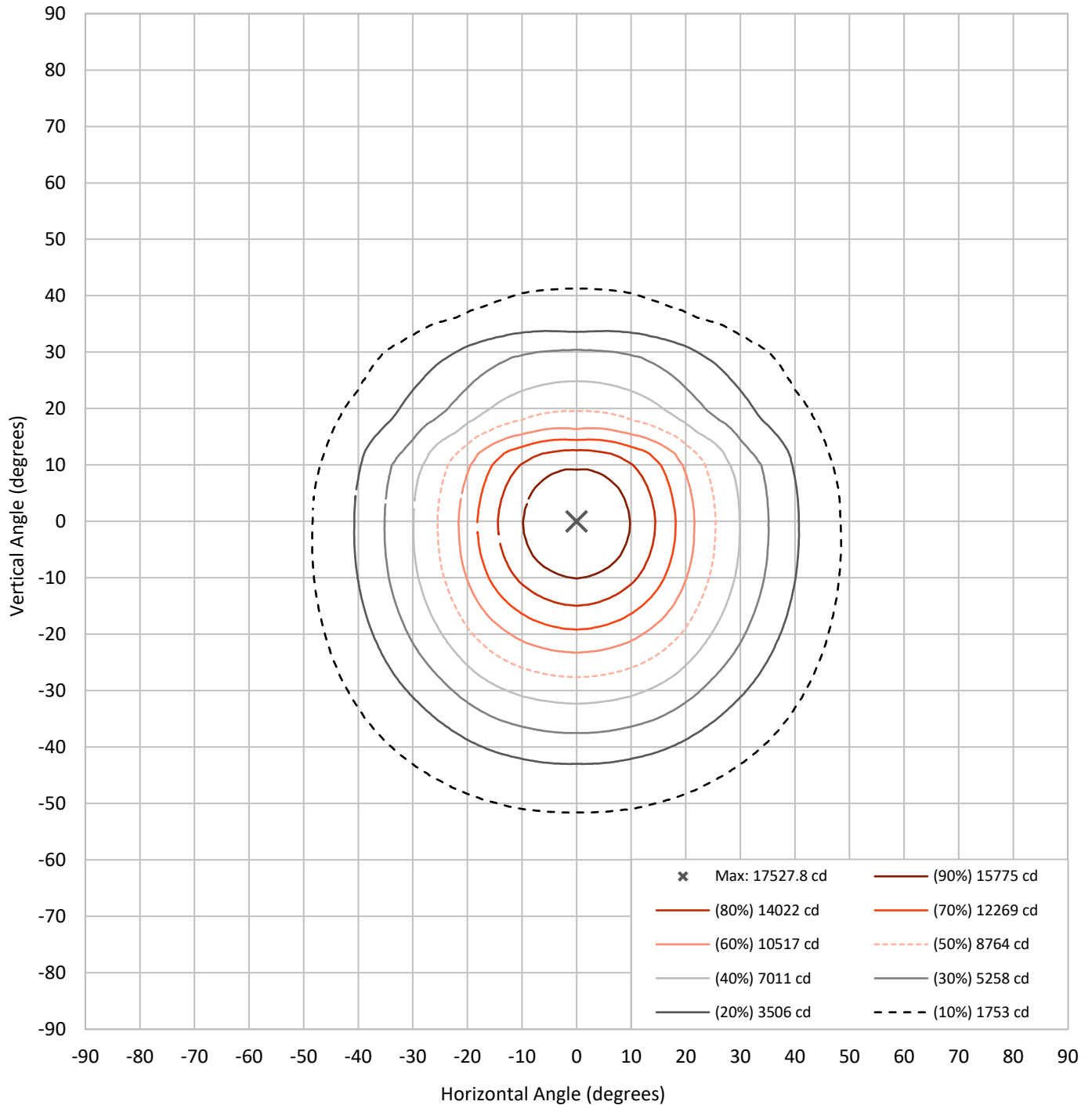
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15463.3 lumens	Max Intensity:	17527.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7444.8 lumens	Field Lumens:	13844.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	121.7		
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





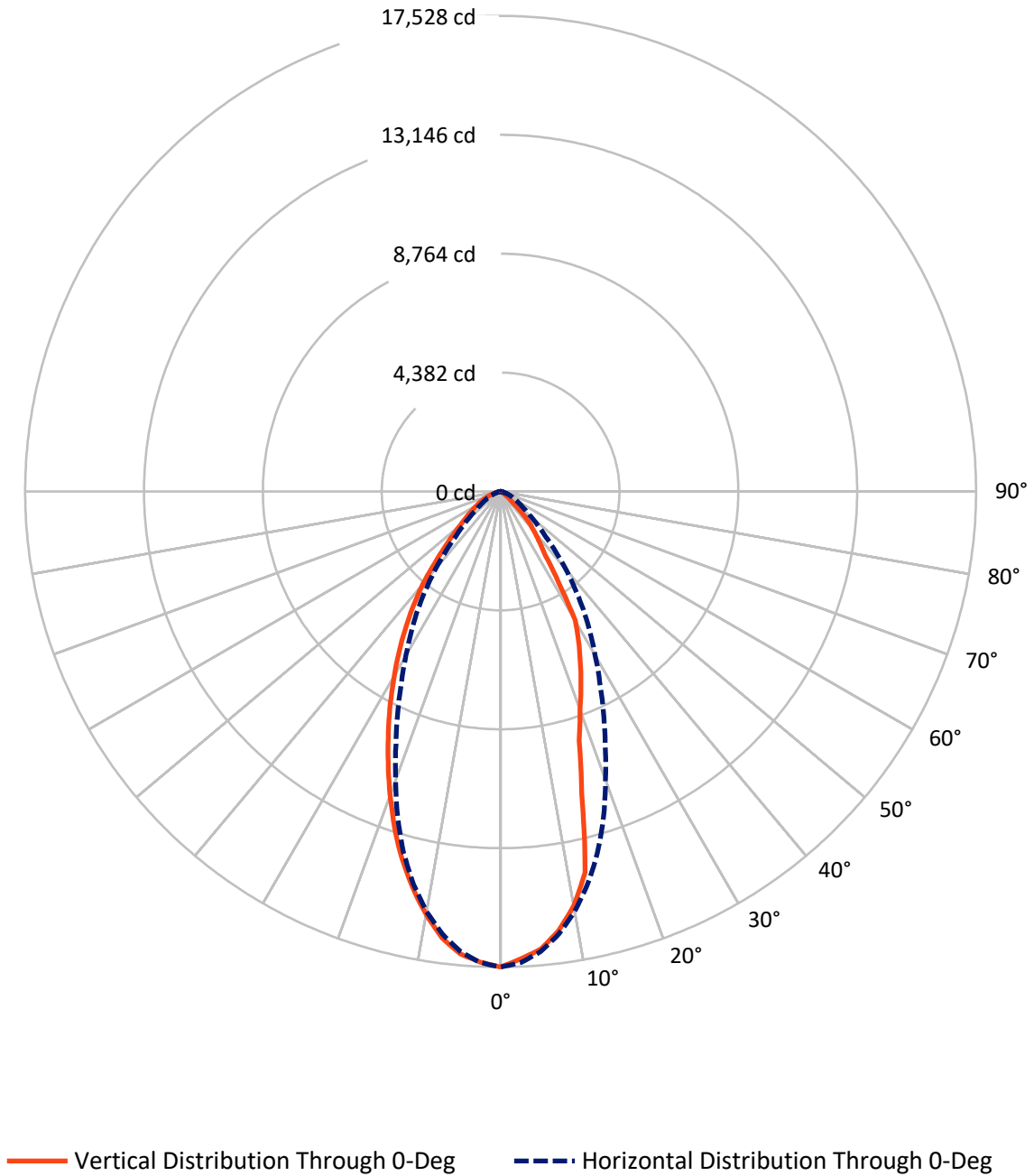
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
50		0.3	0.8	1.5	2.4	3.6	4.9	5.5	5.5	4.9	3.6	2.4	1.5	0.8	0.3				
40	0.7	1.2	3.0	6.3	11.5	18.9	27.2	33.4	33.4	27.2	18.9	11.5	6.3	3.0	1.2			0.7	
30		2.3	6.0	14.0	28.9	53.0	81.1	97.5	97.5	81.1	53.0	28.9	14.0	6.0	2.3				
20	1.7	3.7	9.8	25.4	60.1	112.8	171.6	206.9	206.9	171.6	112.8	60.1	25.4	9.8	3.7			1.7	
10		5.0	14.0	39.8	98.8	182.7	285.5	353.0	353.0	285.5	182.7	98.8	39.8	14.0	5.0				
0	2.4	5.8	17.5	51.5	129.8	241.8	388.3	492.3	492.3	388.3	241.8	129.8	51.5	17.5	5.8			2.4	
-10		6.1	18.3	53.1	131.6	245.4	392.3	495.4	495.4	392.3	245.4	131.6	53.1	18.3	6.1				
-20	2.6	6.0	17.3	47.3	116.6	215.4	332.1	409.8	409.8	332.1	215.4	116.6	47.3	17.3	6.0			2.6	
-30		5.5	15.0	37.1	87.0	162.4	242.0	290.2	290.2	242.0	162.4	87.0	37.1	15.0	5.5				
-40	2.2	4.8	12.1	26.8	54.8	100.8	152.0	181.0	181.0	152.0	100.8	54.8	26.8	12.1	4.8			2.2	
-50		4.0	9.4	18.5	32.9	52.7	75.7	90.1	90.1	75.7	52.7	32.9	18.5	9.4	4.0				
-60	1.4	3.1	6.8	12.3	20.1	28.9	37.4	42.3	42.3	37.4	28.9	20.1	12.3	6.8	3.1			1.4	
-70		2.2	4.6	7.6	11.7	15.9	19.4	21.2	21.2	19.4	15.9	11.7	7.6	4.6	2.2				
-80	0.4	4.4	11.3	20.3	18.5	20.3	11.3	4.4	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

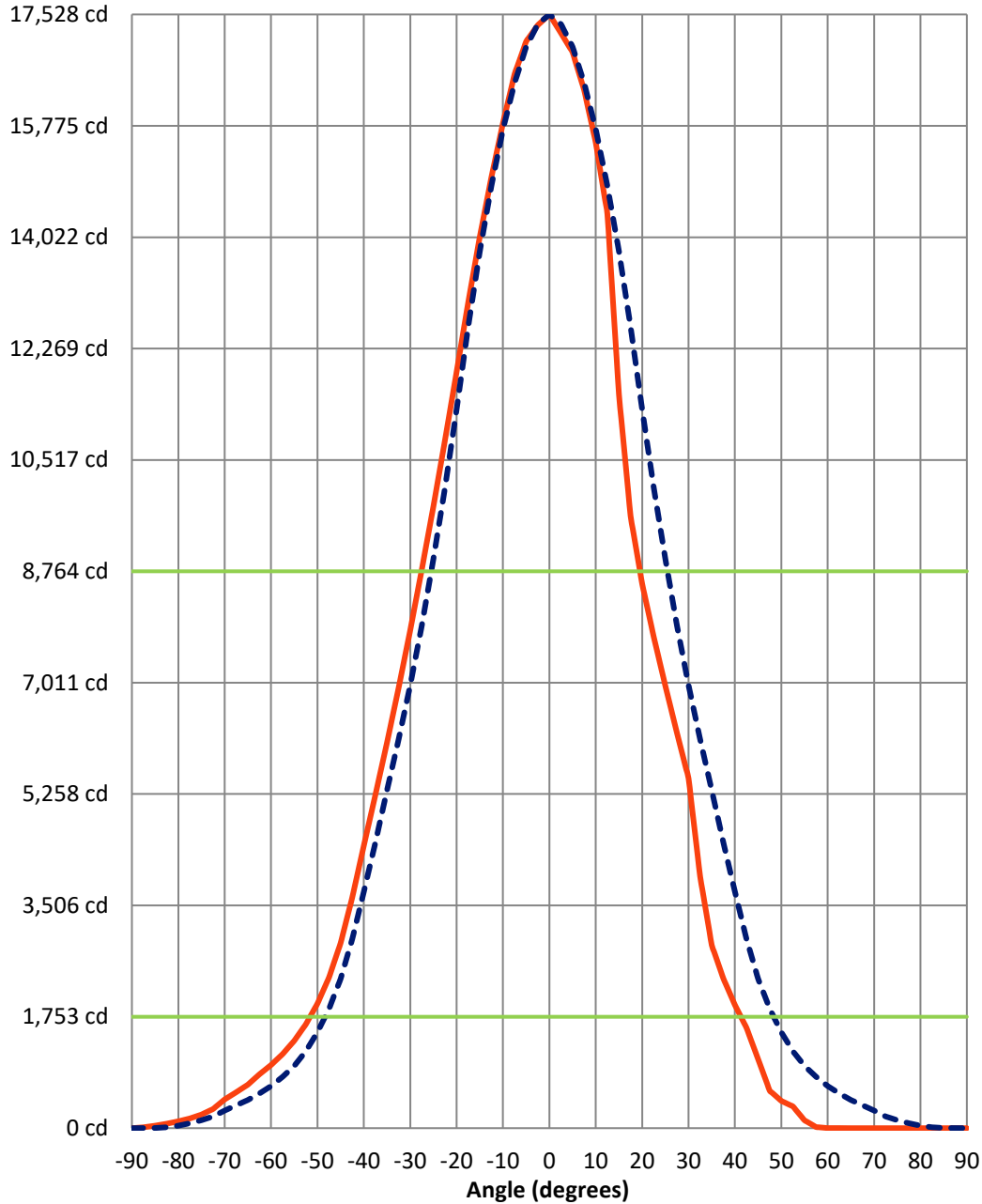
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7444.8
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 13844.9
 Efficiency: 89.5%

Spill:
 Lumens: 1618.4
 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	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.3	1.3
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.4	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	0.0	0.5	1.0	1.3	1.3	1.3	1.4	1.3	1.3	1.7	1.6
65°	0.0	0.5	1.1	1.3	1.3	1.4	1.6	1.3	1.8	2.1	2.5
62.5°	0.0	0.6	1.2	1.3	1.3	1.7	1.7	1.8	2.4	3.4	5.3
60°	0.0	0.6	1.3	1.3	1.3	2.0	2.0	2.4	3.1	8.3	9.0
57.5°	0.0	0.7	1.3	1.3	1.6	2.4	3.4	3.3	8.2	14.0	15.4
55°	0.0	0.7	1.3	1.3	2.0	2.8	5.2	4.8	15.0	21.0	23.8
52.5°	0.0	0.8	1.4	1.3	2.4	3.5	7.3	11.8	22.3	31.2	33.7
50°	0.0	0.8	1.4	1.3	2.8	5.6	9.6	19.5	31.2	42.5	51.4
47.5°	0.0	0.9	1.4	1.4	3.3	8.0	12.8	27.2	42.8	55.0	69.8
45°	0.0	0.9	1.4	1.7	3.7	10.4	19.5	35.0	54.6	71.2	87.9
42.5°	0.0	1.0	1.5	2.1	4.2	13.0	26.3	44.3	66.3	87.3	108.1
40°	0.0	1.0	1.5	2.5	5.5	15.8	33.0	54.4	78.4	103.0	129.1
37.5°	0.0	1.0	1.6	3.0	7.6	18.6	39.6	64.4	91.5	119.1	150.5
35°	0.0	1.1	1.6	3.6	9.8	23.1	46.2	74.3	104.7	138.3	173.9
32.5°	0.0	1.1	1.7	4.2	12.0	28.3	53.2	84.0	118.0	158.0	200.1
30°	0.0	1.1	1.7	4.9	14.1	33.4	61.0	93.8	131.1	178.2	226.6
27.5°	0.0	1.2	1.8	5.6	16.7	38.4	68.6	104.6	145.7	198.7	253.2
25°	0.0	1.2	1.9	6.4	19.2	43.1	76.0	115.1	162.4	220.5	279.8
22.5°	0.0	1.2	1.9	7.1	21.7	47.7	83.0	125.4	178.9	242.6	306.7
20°	0.0	1.2	2.0	7.9	24.0	52.3	89.7	135.3	195.2	264.2	332.4
17.5°	0.0	1.2	2.1	8.7	26.3	56.5	95.9	144.8	211.0	285.2	356.7
15°	0.0	1.3	2.1	9.5	28.5	60.5	101.6	153.2	226.3	305.4	379.7
12.5°	0.0	1.3	2.2	10.3	30.6	64.1	106.8	160.3	239.0	324.7	401.2
10°	0.0	1.3	2.3	11.1	32.5	67.5	111.5	166.6	249.1	336.1	418.0
7.5°	0.0	1.3	2.3	11.8	34.3	70.5	115.7	172.1	258.0	344.8	426.9
5°	0.0	1.3	2.4	12.5	36.0	73.3	119.4	176.9	265.6	351.7	434.0
2.5°	0.0	1.3	2.4	13.2	37.5	75.6	122.6	180.8	271.9	357.0	439.4
0°	0.0	1.3	2.5	13.8	38.8	77.6	125.2	184.0	276.7	360.6	443.2
-2.5°	0.0	1.4	2.9	14.7	40.6	80.0	128.6	189.3	282.1	365.8	449.1
-5°	0.0	1.5	3.3	15.5	42.1	82.1	131.4	193.7	286.1	369.6	453.2
-7.5°	0.0	1.5	3.6	16.2	43.5	83.8	133.6	197.2	288.6	371.9	455.7
-10°	0.0	1.6	4.0	16.8	44.6	85.0	135.2	199.7	289.6	372.8	456.5
-12.5°	0.0	1.7	4.3	17.3	45.4	85.8	136.2	201.1	289.3	372.2	454.4
-15°	0.0	1.7	4.6	17.8	45.9	86.2	136.5	201.4	287.2	369.0	450.0
-17.5°	0.0	1.8	4.9	18.1	46.2	86.2	136.1	201.0	283.5	364.6	443.9
-20°	0.0	1.8	5.2	18.3	46.1	85.7	135.7	200.1	278.8	359.1	436.1

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Scaled Data Report



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	1.9	5.4	18.5	45.8	84.8	135.7	198.3	273.3	352.5	426.6
-25°	0.0	1.9	5.6	18.5	45.1	84.5	135.1	195.6	267.0	345.0	415.5
-27.5°	0.0	1.9	5.8	18.3	44.0	84.1	133.9	192.2	260.1	336.4	405.2
-30°	0.0	1.9	5.9	18.1	42.7	83.2	131.9	187.9	253.9	326.6	394.2
-32.5°	0.0	1.9	6.0	17.7	42.2	81.8	129.2	184.4	247.9	316.4	382.4
-35°	0.0	1.9	6.1	17.2	41.3	79.8	126.7	180.5	241.0	305.8	369.8
-37.5°	0.0	1.9	6.1	16.5	40.1	77.7	123.8	175.9	233.4	295.0	355.1
-40°	0.0	1.9	6.1	15.8	38.5	75.8	120.3	170.5	225.0	284.9	339.3
-42.5°	0.0	1.9	6.0	15.0	37.3	73.4	116.0	164.2	217.1	271.8	322.5
-45°	0.0	1.8	5.9	14.5	36.6	70.5	111.1	157.7	209.1	257.8	305.0
-47.5°	0.0	1.8	5.8	13.7	35.5	67.2	105.5	151.1	200.1	243.2	288.9
-50°	0.0	1.7	5.6	13.4	34.0	63.4	100.6	143.7	188.3	230.0	272.3
-52.5°	0.0	1.7	5.4	13.3	32.2	59.1	95.3	135.5	176.6	216.1	255.4
-55°	0.0	1.6	5.1	12.9	29.9	55.7	89.4	126.7	164.6	201.7	239.4
-57.5°	0.0	1.5	4.8	12.4	27.4	51.9	83.0	118.8	151.9	187.2	222.9
-60°	0.0	1.5	4.5	11.7	24.5	47.6	76.1	109.3	138.9	172.2	206.0
-62.5°	0.0	1.4	4.2	10.9	22.8	42.8	69.4	98.8	126.0	156.5	188.4
-65°	0.0	1.3	3.9	9.9	20.9	37.6	62.1	87.8	112.3	140.0	170.2
-67.5°	0.0	1.2	3.6	8.8	18.7	32.9	54.2	76.7	97.8	122.6	150.0
-70°	0.0	1.0	3.3	7.6	16.3	28.9	45.7	65.3	84.1	104.3	128.3
-72.5°	0.0	0.9	2.9	6.7	13.6	24.5	38.8	53.4	70.1	87.7	106.3
-75°	0.0	0.8	2.5	5.8	10.8	19.8	31.9	43.5	55.6	70.8	86.8
-77.5°	0.0	0.7	2.1	4.9	8.9	15.0	24.6	34.2	44.1	54.6	66.7
-80°	0.0	0.5	1.7	4.0	7.2	11.4	17.0	24.7	32.8	41.3	50.3
-82.5°	0.0	0.4	1.3	3.0	5.5	8.6	12.5	16.5	21.3	27.9	34.8
-85°	0.0	0.3	0.9	2.0	3.7	5.8	8.4	11.1	14.1	17.4	21.0
-87.5°	0.0	0.1	0.4	1.0	1.8	2.9	4.2	5.5	7.1	8.7	10.6
-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: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°
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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.0	0.7
65°	1.3	1.3	1.8	1.9	1.4	1.3	1.3	1.3	1.4	1.2	1.2
62.5°	1.9	2.3	2.8	4.4	3.3	1.3	2.5	2.9	2.0	1.6	1.7
60°	5.5	3.8	9.6	13.4	8.8	4.7	5.7	11.4	9.4	2.5	6.6
57.5°	11.1	13.6	24.3	25.5	19.6	13.3	29.0	32.1	26.6	16.7	24.1
55°	23.0	32.4	41.0	40.5	40.7	51.1	60.1	59.0	52.0	71.8	90.4
52.5°	43.6	53.3	59.0	64.3	78.8	88.6	91.4	96.9	117.3	141.7	146.1
50°	64.0	74.0	81.5	100.5	115.4	123.1	130.3	149.0	179.8	196.6	199.3
47.5°	84.7	95.8	115.4	136.2	150.7	162.4	174.7	217.2	251.6	265.9	271.1
45°	106.2	125.4	150.0	171.4	188.2	203.9	244.1	302.1	326.3	348.2	403.9
42.5°	128.5	157.6	185.2	207.6	226.5	259.4	315.4	371.6	406.3	452.8	520.0
40°	157.0	189.6	221.6	244.4	268.1	317.8	387.2	446.6	483.4	545.8	622.4
37.5°	186.0	224.0	258.7	282.7	315.9	383.2	464.7	535.9	581.5	632.3	755.4
35°	214.6	259.2	294.7	327.0	367.9	460.8	561.3	640.5	696.8	783.8	939.6
32.5°	245.1	295.0	331.3	375.2	442.6	546.4	669.8	757.8	851.1	976.3	1225.9
30°	277.6	328.5	370.2	423.0	513.3	634.5	777.7	888.3	1014.9	1218.3	1487.3
27.5°	310.0	361.9	413.3	480.4	579.6	710.5	860.1	1034.4	1198.1	1425.5	1719.6
25°	341.2	395.9	455.5	536.6	643.9	780.9	944.2	1145.3	1358.9	1619.0	1964.3
22.5°	370.9	430.4	500.3	587.4	698.2	847.8	1042.5	1278.7	1535.4	1804.9	2201.6
20°	400.0	469.0	549.1	646.7	748.1	909.4	1138.6	1424.6	1746.3	2115.5	2504.3
17.5°	428.8	507.1	599.6	708.0	830.9	996.0	1237.2	1577.6	1969.2	2449.7	2928.4
15°	457.0	544.5	648.4	768.6	914.5	1111.8	1385.7	1759.9	2233.0	2808.3	3375.4
12.5°	484.3	580.7	695.3	827.9	995.5	1220.8	1525.7	1929.4	2471.5	3158.8	3855.5
10°	510.5	615.5	739.7	885.0	1073.1	1322.2	1649.4	2076.0	2651.4	3359.7	4134.6
7.5°	523.9	639.0	777.7	939.3	1146.3	1415.3	1757.1	2199.9	2791.9	3521.3	4298.2
5°	533.5	649.8	792.0	961.1	1186.6	1478.6	1839.5	2301.2	2895.5	3642.9	4409.1
2.5°	540.8	657.6	802.4	973.3	1202.5	1499.7	1866.7	2336.5	2951.1	3706.4	4473.6
0°	545.9	662.3	808.8	980.3	1210.7	1509.9	1879.2	2351.2	2974.7	3720.9	4497.1
-2.5°	551.2	668.8	815.5	991.2	1222.2	1523.8	1893.1	2361.6	2992.4	3724.9	4509.8
-5°	554.3	672.2	818.1	996.5	1225.8	1526.4	1892.1	2351.7	2978.3	3695.7	4482.3
-7.5°	555.2	672.6	816.7	995.4	1221.1	1514.5	1872.1	2322.4	2929.7	3636.6	4414.6
-10°	553.8	669.6	811.3	986.4	1207.4	1490.0	1836.3	2271.5	2849.9	3538.9	4300.2
-12.5°	549.7	663.4	801.6	971.7	1185.3	1455.0	1785.9	2199.0	2739.1	3403.1	4139.0
-15°	543.3	654.1	787.7	951.2	1154.7	1410.0	1721.2	2104.9	2596.4	3230.5	3938.2
-17.5°	534.3	641.7	769.4	925.2	1115.7	1355.4	1642.9	1994.7	2442.5	3037.8	3715.0
-20°	522.9	626.3	746.9	893.6	1070.7	1297.8	1570.3	1897.2	2298.5	2817.2	3451.7



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	509.1	607.9	723.0	863.3	1030.8	1238.0	1489.0	1786.5	2137.0	2562.2	3164.1
-25°	494.8	590.3	699.8	829.7	985.2	1170.3	1396.1	1667.1	1984.5	2373.8	2871.4
-27.5°	480.8	570.1	672.9	790.8	934.1	1100.4	1308.7	1555.8	1838.6	2169.7	2574.9
-30°	464.9	547.5	643.3	750.1	885.2	1039.6	1219.6	1431.3	1682.8	1981.9	2334.2
-32.5°	447.6	523.2	614.6	714.8	832.7	973.3	1129.0	1320.5	1539.3	1786.0	2090.5
-35°	430.4	502.5	585.2	676.9	776.4	908.0	1051.1	1210.0	1396.1	1614.6	1858.1
-37.5°	413.8	480.0	553.7	639.2	732.5	841.8	968.2	1111.7	1271.9	1445.7	1656.1
-40°	395.4	455.6	525.3	602.8	685.4	780.0	894.0	1015.8	1153.7	1306.7	1469.1
-42.5°	375.3	433.2	496.8	563.5	639.3	723.9	818.4	929.8	1044.4	1172.6	1314.3
-45°	355.7	408.8	467.1	528.0	591.7	666.4	752.3	844.9	946.5	1051.1	1170.2
-47.5°	334.9	383.5	437.7	490.8	547.2	611.0	683.9	767.9	852.7	945.8	1038.2
-50°	314.2	359.8	405.4	454.9	505.5	558.5	620.1	692.6	769.7	847.0	928.4
-52.5°	295.7	335.0	376.3	418.8	464.9	512.1	563.4	623.1	690.6	758.6	828.7
-55°	276.7	313.0	347.1	385.2	425.0	467.5	513.2	563.5	614.4	676.4	736.7
-57.5°	258.2	290.4	320.0	352.5	387.9	424.0	465.2	508.0	554.2	601.0	650.4
-60°	239.7	267.0	293.8	321.9	351.7	383.8	416.9	454.5	494.1	534.8	577.6
-62.5°	220.5	242.6	266.3	292.0	318.2	342.9	370.7	401.4	434.0	469.0	505.2
-65°	199.0	217.4	237.1	259.5	284.0	304.0	325.3	348.4	375.4	404.2	432.6
-67.5°	176.0	192.3	208.4	225.0	244.9	262.8	280.3	298.7	318.9	342.4	365.2
-70°	150.5	166.7	180.9	194.7	207.4	220.1	234.9	249.4	265.7	286.8	307.6
-72.5°	124.5	139.7	153.2	164.9	173.8	181.4	190.5	201.0	216.6	236.2	254.5
-75°	100.7	113.0	125.6	136.8	142.5	144.8	146.7	152.3	168.1	188.1	205.9
-77.5°	78.4	89.1	99.4	109.1	113.2	114.8	115.6	115.6	127.2	144.3	162.3
-80°	57.7	65.2	73.9	82.3	84.7	85.5	85.6	85.1	94.6	106.9	120.1
-82.5°	40.1	45.5	51.0	56.7	57.5	57.1	56.3	55.5	63.1	72.0	81.1
-85°	23.4	25.6	29.0	32.5	32.9	32.7	32.1	31.1	35.4	40.2	45.3
-87.5°	11.7	12.8	14.0	15.1	14.7	14.1	13.3	12.4	13.6	14.9	16.1
-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: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.3	1.0	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.7	1.6	1.2	1.1	1.2	1.3	1.1	0.9	0.9	0.9	1.1
60°	7.1	4.1	4.2	5.3	4.5	2.1	4.1	5.2	4.9	3.7	3.2
57.5°	36.0	30.1	21.1	35.3	36.3	25.3	27.4	35.8	34.7	26.8	26.7
55°	90.6	91.9	98.6	107.5	114.1	117.1	119.8	133.3	147.7	161.8	168.9
52.5°	149.6	167.1	188.8	203.2	213.2	233.9	262.7	276.0	288.9	303.6	314.2
50°	220.3	250.7	272.5	275.7	310.0	332.3	337.5	362.4	389.5	406.3	418.4
47.5°	327.7	366.1	385.2	397.3	439.1	484.9	484.9	499.2	567.0	602.5	619.6
45°	472.0	504.0	537.7	625.2	705.6	731.1	785.7	859.7	907.8	974.0	1046.7
42.5°	594.8	655.0	739.4	835.7	916.3	983.4	1064.6	1153.5	1260.3	1360.8	1447.4
40°	716.4	791.0	895.4	1000.2	1101.7	1194.7	1325.5	1439.8	1565.8	1704.0	1819.2
37.5°	875.1	970.5	1078.5	1210.6	1368.6	1471.8	1651.7	1816.0	1958.0	2124.9	2227.7
35°	1118.9	1243.2	1338.8	1605.8	1798.0	1918.7	2131.7	2401.8	2505.4	2715.6	2815.3
32.5°	1425.3	1590.5	1842.0	2195.6	2452.3	2674.5	2992.9	3266.9	3500.5	3711.6	3931.1
30°	1769.5	2024.5	2395.2	2865.1	3125.8	3437.2	3867.7	4192.6	4558.9	4961.0	5101.9
27.5°	2081.9	2463.9	2894.3	3274.9	3649.3	4037.1	4460.1	4877.5	5274.0	5608.7	5833.2
25°	2371.5	2834.1	3252.4	3659.1	4064.8	4501.5	4979.9	5453.4	5889.7	6233.9	6495.7
22.5°	2670.2	3158.9	3606.4	4019.1	4491.0	4985.9	5494.7	6037.7	6534.2	6891.4	7176.5
20°	2951.0	3494.5	4005.0	4474.9	4921.0	5492.2	6078.1	6654.1	7194.8	7620.3	7949.1
17.5°	3396.7	3868.5	4492.4	5102.9	5605.5	6130.2	6913.1	7507.6	8107.6	8617.2	8965.7
15°	3944.2	4463.0	5107.2	5945.5	6634.2	7235.4	8044.2	9011.3	9719.0	10369.5	10815.7
12.5°	4492.0	5078.8	5775.6	6719.1	7699.5	8407.7	9388.9	10614.4	11438.7	12445.8	12942.3
10°	4911.9	5648.8	6366.4	7227.3	8168.9	9177.4	10235.2	11381.6	12483.1	13347.8	14120.9
7.5°	5081.0	5865.9	6696.5	7575.0	8516.5	9557.3	10684.7	11877.7	13011.3	13977.1	14826.8
5°	5207.3	6011.5	6847.7	7745.9	8752.4	9839.3	10983.5	12236.0	13393.7	14428.9	15298.1
2.5°	5287.6	6099.4	6932.0	7845.2	8903.7	10022.9	11203.8	12489.5	13664.6	14730.3	15596.7
0°	5318.4	6118.4	6971.1	7911.3	8959.2	10081.0	11312.9	12613.7	13798.1	14828.5	15719.9
-2.5°	5322.6	6100.7	6973.6	7909.2	8911.9	10044.2	11291.0	12581.0	13741.3	14767.6	15666.9
-5°	5280.8	6058.6	6932.3	7853.8	8857.8	9981.6	11174.9	12421.4	13528.1	14526.8	15392.8
-7.5°	5196.1	5971.8	6826.1	7726.5	8703.5	9793.5	10939.6	12098.6	13184.2	14142.1	14968.5
-10°	5070.4	5829.8	6654.6	7531.8	8456.3	9493.1	10585.9	11693.2	12711.3	13597.1	14361.3
-12.5°	4900.2	5642.1	6429.7	7267.2	8127.7	9116.2	10148.1	11187.9	12115.8	12924.6	13610.2
-15°	4679.2	5403.7	6166.4	6958.4	7792.9	8686.8	9612.9	10566.6	11422.4	12139.6	12766.0
-17.5°	4418.9	5121.5	5845.8	6580.1	7371.9	8210.5	9070.2	9926.3	10656.2	11293.4	11866.1
-20°	4128.7	4805.6	5493.6	6178.1	6896.5	7672.1	8466.1	9218.1	9855.9	10434.9	10959.0



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	3803.2	4451.2	5110.6	5751.1	6399.0	7101.3	7810.4	8490.5	9087.1	9582.3	10037.7
-25°	3454.8	4053.6	4676.3	5276.8	5873.1	6502.5	7146.5	7772.2	8297.3	8727.3	9103.6
-27.5°	3103.7	3650.9	4199.5	4764.9	5316.0	5896.8	6479.9	7020.3	7491.8	7887.7	8203.9
-30°	2734.8	3223.9	3724.9	4236.5	4762.7	5294.2	5821.1	6294.3	6705.8	7054.0	7327.3
-32.5°	2428.1	2799.7	3242.0	3706.5	4199.7	4684.0	5142.2	5573.6	5961.4	6265.4	6497.2
-35°	2134.2	2448.9	2780.2	3191.2	3615.0	4060.6	4482.2	4867.1	5212.8	5478.5	5696.6
-37.5°	1881.5	2130.4	2410.5	2704.0	3059.3	3427.7	3808.2	4170.2	4478.4	4710.2	4905.0
-40°	1662.8	1859.3	2083.1	2315.8	2577.2	2841.9	3173.2	3478.7	3730.3	3946.9	4123.4
-42.5°	1465.1	1630.9	1796.2	1987.0	2184.3	2397.0	2629.5	2855.5	3048.6	3229.9	3379.8
-45°	1294.4	1426.8	1558.6	1706.0	1850.8	2023.8	2189.9	2338.1	2494.6	2630.3	2737.2
-47.5°	1145.2	1248.4	1361.4	1471.7	1588.0	1718.3	1841.9	1954.7	2069.3	2168.6	2248.2
-50°	1012.6	1098.1	1190.4	1277.0	1371.1	1466.4	1557.8	1647.5	1734.6	1810.1	1868.9
-52.5°	896.5	971.2	1043.0	1112.1	1186.9	1257.5	1323.7	1397.7	1465.7	1525.3	1565.5
-55°	797.6	858.7	917.5	975.2	1031.7	1085.2	1138.0	1195.4	1248.0	1295.2	1325.2
-57.5°	704.7	756.7	806.6	853.7	898.5	941.1	985.5	1029.7	1070.2	1105.8	1129.0
-60°	620.3	662.8	705.9	744.3	780.5	814.4	851.9	887.3	919.9	947.4	963.4
-62.5°	542.9	581.0	612.9	643.2	674.0	704.6	731.2	757.3	782.5	803.8	817.7
-65°	462.0	494.3	521.4	545.8	567.8	591.5	614.2	634.7	653.0	666.8	675.6
-67.5°	389.7	413.4	435.1	454.5	474.2	493.2	510.6	526.2	539.9	549.5	555.9
-70°	326.8	344.9	362.7	380.4	397.9	412.7	425.3	436.9	447.5	451.9	453.8
-72.5°	271.6	287.7	303.3	318.9	333.4	345.0	354.3	362.8	370.5	363.9	352.3
-75°	221.5	235.6	250.2	263.9	276.8	285.7	292.6	298.9	304.7	290.4	270.7
-77.5°	180.5	192.9	203.7	214.5	225.1	230.7	235.1	239.3	243.5	227.5	207.3
-80°	133.9	143.9	153.1	162.1	171.0	174.3	176.3	177.6	178.3	164.6	148.8
-82.5°	90.4	95.7	100.7	105.9	111.3	114.2	116.3	117.9	119.1	109.4	98.4
-85°	50.7	52.3	53.5	54.6	55.5	57.2	58.9	60.4	61.8	57.2	52.1
-87.5°	17.4	17.4	17.4	17.2	17.0	17.1	17.1	17.0	16.9	16.2	15.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	0.9	0.9
60°	2.5	1.6	1.3	1.3	1.3	1.6	2.5	3.2	3.7	4.9	5.2
57.5°	24.9	21.7	19.5	17.5	19.5	21.7	24.9	26.7	26.8	34.7	35.8
55°	165.8	154.4	140.4	123.9	140.4	154.4	165.8	168.9	161.8	147.7	133.3
52.5°	325.3	336.1	342.4	341.8	342.4	336.1	325.3	314.2	303.6	288.9	276.0
50°	428.1	434.0	434.3	429.4	434.3	434.0	428.1	418.4	406.3	389.5	362.4
47.5°	627.3	619.0	604.9	589.7	604.9	619.0	627.3	619.6	602.5	567.0	499.2
45°	1094.6	1120.9	1119.2	1085.5	1119.2	1120.9	1094.6	1046.7	974.0	907.8	859.7
42.5°	1495.9	1535.3	1563.3	1577.5	1563.3	1535.3	1495.9	1447.4	1360.8	1260.3	1153.5
40°	1884.1	1922.2	1939.0	1938.1	1939.0	1922.2	1884.1	1819.2	1704.0	1565.8	1439.8
37.5°	2294.4	2343.7	2367.6	2356.2	2367.6	2343.7	2294.4	2227.7	2124.9	1958.0	1816.0
35°	2858.5	2904.7	2905.6	2882.1	2905.6	2904.7	2858.5	2815.3	2715.6	2505.4	2401.8
32.5°	4105.4	4120.9	4002.1	3960.0	4002.1	4120.9	4105.4	3931.1	3711.6	3500.5	3266.9
30°	5242.1	5351.6	5453.5	5505.0	5453.5	5351.6	5242.1	5101.9	4961.0	4558.9	4192.6
27.5°	6002.4	6134.2	6216.0	6221.1	6216.0	6134.2	6002.4	5833.2	5608.7	5274.0	4877.5
25°	6694.0	6841.5	6930.5	6961.0	6930.5	6841.5	6694.0	6495.7	6233.9	5889.7	5453.4
22.5°	7418.6	7592.3	7707.5	7731.0	7707.5	7592.3	7418.6	7176.5	6891.4	6534.2	6037.7
20°	8259.2	8461.4	8571.8	8567.3	8571.8	8461.4	8259.2	7949.1	7620.3	7194.8	6654.1
17.5°	9366.0	9582.9	9678.2	9636.5	9678.2	9582.9	9366.0	8965.7	8617.2	8107.6	7507.6
15°	11273.7	11727.4	11725.6	11544.6	11725.6	11727.4	11273.7	10815.7	10369.5	9719.0	9011.3
12.5°	13627.0	13965.1	14312.0	14386.6	14312.0	13965.1	13627.0	12942.3	12445.8	11438.7	10614.4
10°	14772.0	15221.1	15517.4	15509.6	15517.4	15221.1	14772.0	14120.9	13347.8	12483.1	11381.6
7.5°	15488.4	15984.5	16343.6	16335.9	16343.6	15984.5	15488.4	14826.8	13977.1	13011.3	11877.7
5°	16041.2	16591.5	16909.6	16933.1	16909.6	16591.5	16041.2	15298.1	14428.9	13393.7	12236.0
2.5°	16328.5	16902.7	17285.2	17234.8	17285.2	16902.7	16328.5	15596.7	14730.3	13664.6	12489.5
0°	16448.6	17017.0	17373.8	17527.8	17373.8	17017.0	16448.6	15719.9	14828.5	13798.1	12613.7
-2.5°	16396.1	16949.2	17343.5	17358.8	17343.5	16949.2	16396.1	15666.9	14767.6	13741.3	12581.0
-5°	16115.2	16698.8	16963.0	17103.4	16963.0	16698.8	16115.2	15392.8	14526.8	13528.1	12421.4
-7.5°	15662.1	16099.5	16435.1	16590.0	16435.1	16099.5	15662.1	14968.5	14142.1	13184.2	12098.6
-10°	14957.0	15409.8	15693.4	15821.3	15693.4	15409.8	14957.0	14361.3	13597.1	12711.3	11693.2
-12.5°	14175.9	14587.4	14857.0	14965.0	14857.0	14587.4	14175.9	13610.2	12924.6	12115.8	11187.9
-15°	13304.4	13678.0	13926.2	14029.7	13926.2	13678.0	13304.4	12766.0	12139.6	11422.4	10566.6
-17.5°	12345.1	12672.5	12919.8	12994.3	12919.8	12672.5	12345.1	11866.1	11293.4	10656.2	9926.3
-20°	11358.6	11654.6	11858.3	11902.6	11858.3	11654.6	11358.6	10959.0	10434.9	9855.9	9218.1



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	10364.7	10608.5	10774.0	10829.7	10774.0	10608.5	10364.7	10037.7	9582.3	9087.1	8490.5
-25°	9393.3	9603.8	9737.0	9786.8	9737.0	9603.8	9393.3	9103.6	8727.3	8297.3	7772.2
-27.5°	8459.1	8655.2	8777.6	8793.9	8777.6	8655.2	8459.1	8203.9	7887.7	7491.8	7020.3
-30°	7539.8	7701.9	7796.2	7836.2	7796.2	7701.9	7539.8	7327.3	7054.0	6705.8	6294.3
-32.5°	6680.8	6822.4	6907.1	6929.7	6907.1	6822.4	6680.8	6497.2	6265.4	5961.4	5573.6
-35°	5869.9	6000.6	6075.6	6069.6	6075.6	6000.6	5869.9	5696.6	5478.5	5212.8	4867.1
-37.5°	5066.0	5186.6	5254.7	5248.3	5254.7	5186.6	5066.0	4905.0	4710.2	4478.4	4170.2
-40°	4268.5	4372.5	4432.5	4447.0	4432.5	4372.5	4268.5	4123.4	3946.9	3730.3	3478.7
-42.5°	3504.4	3600.4	3648.4	3629.5	3648.4	3600.4	3504.4	3379.8	3229.9	3048.6	2855.5
-45°	2811.9	2861.6	2894.3	2914.6	2894.3	2861.6	2811.9	2737.2	2630.3	2494.6	2338.1
-47.5°	2306.5	2347.6	2369.9	2373.8	2369.9	2347.6	2306.5	2248.2	2168.6	2069.3	1954.7
-50°	1914.5	1949.6	1965.0	1960.6	1965.0	1949.6	1914.5	1868.9	1810.1	1734.6	1647.5
-52.5°	1594.4	1614.7	1628.4	1635.1	1628.4	1614.7	1594.4	1565.5	1525.3	1465.7	1397.7
-55°	1347.7	1363.5	1372.8	1375.9	1372.8	1363.5	1347.7	1325.2	1295.2	1248.0	1195.4
-57.5°	1148.3	1163.4	1168.8	1166.8	1168.8	1163.4	1148.3	1129.0	1105.8	1070.2	1029.7
-60°	975.8	984.4	990.8	994.1	990.8	984.4	975.8	963.4	947.4	919.9	887.3
-62.5°	828.9	836.9	843.7	847.6	843.7	836.9	828.9	817.7	803.8	782.5	757.3
-65°	681.8	685.3	686.3	684.8	686.3	685.3	681.8	675.6	666.8	653.0	634.7
-67.5°	560.6	563.5	565.6	565.9	565.6	563.5	560.6	555.9	549.5	539.9	526.2
-70°	455.7	456.9	455.5	452.0	455.5	456.9	455.7	453.8	451.9	447.5	436.9
-72.5°	340.5	328.0	315.5	301.7	315.5	328.0	340.5	352.3	363.9	370.5	362.8
-75°	250.3	229.1	221.5	214.1	221.5	229.1	250.3	270.7	290.4	304.7	298.9
-77.5°	186.1	164.2	158.3	152.7	158.3	164.2	186.1	207.3	227.5	243.5	239.3
-80°	132.3	115.1	111.4	107.7	111.4	115.1	132.3	148.8	164.6	178.3	177.6
-82.5°	86.9	74.9	72.5	70.1	72.5	74.9	86.9	98.4	109.4	119.1	117.9
-85°	46.8	41.1	40.0	38.8	40.0	41.1	46.8	52.1	57.2	61.8	60.4
-87.5°	14.6	13.7	13.8	13.8	13.8	13.7	14.6	15.4	16.2	16.9	17.0
-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: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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	0.3	0.6	0.8	1.1	1.0	1.0	1.0	0.9
85°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3
82.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.3	1.3	1.3
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	1.0	1.3	1.3
65°	0.3	0.2	0.3	0.6	1.0	1.3	1.3	1.2	1.2	1.4	1.3
62.5°	1.1	1.3	1.2	1.1	1.2	1.6	1.7	1.7	1.6	2.0	2.9
60°	4.1	2.1	4.5	5.3	4.2	4.1	7.1	6.6	2.5	9.4	11.4
57.5°	27.4	25.3	36.3	35.3	21.1	30.1	36.0	24.1	16.7	26.6	32.1
55°	119.8	117.1	114.1	107.5	98.6	91.9	90.6	90.4	71.8	52.0	59.0
52.5°	262.7	233.9	213.2	203.2	188.8	167.1	149.6	146.1	141.7	117.3	96.9
50°	337.5	332.3	310.0	275.7	272.5	250.7	220.3	199.3	196.6	179.8	149.0
47.5°	484.9	484.9	439.1	397.3	385.2	366.1	327.7	271.1	265.9	251.6	217.2
45°	785.7	731.1	705.6	625.2	537.7	504.0	472.0	403.9	348.2	326.3	302.1
42.5°	1064.6	983.4	916.3	835.7	739.4	655.0	594.8	520.0	452.8	406.3	371.6
40°	1325.5	1194.7	1101.7	1000.2	895.4	791.0	716.4	622.4	545.8	483.4	446.6
37.5°	1651.7	1471.8	1368.6	1210.6	1078.5	970.5	875.1	755.4	632.3	581.5	535.9
35°	2131.7	1918.7	1798.0	1605.8	1338.8	1243.2	1118.9	939.6	783.8	696.8	640.5
32.5°	2992.9	2674.5	2452.3	2195.6	1842.0	1590.5	1425.3	1225.9	976.3	851.1	757.8
30°	3867.7	3437.2	3125.8	2865.1	2395.2	2024.5	1769.5	1487.3	1218.3	1014.9	888.3
27.5°	4460.1	4037.1	3649.3	3274.9	2894.3	2463.9	2081.9	1719.6	1425.5	1198.1	1034.4
25°	4979.9	4501.5	4064.8	3659.1	3252.4	2834.1	2371.5	1964.3	1619.0	1358.9	1145.3
22.5°	5494.7	4985.9	4491.0	4019.1	3606.4	3158.9	2670.2	2201.6	1804.9	1535.4	1278.7
20°	6078.1	5492.2	4921.0	4474.9	4005.0	3494.5	2951.0	2504.3	2115.5	1746.3	1424.6
17.5°	6913.1	6130.2	5605.5	5102.9	4492.4	3868.5	3396.7	2928.4	2449.7	1969.2	1577.6
15°	8044.2	7235.4	6634.2	5945.5	5107.2	4463.0	3944.2	3375.4	2808.3	2233.0	1759.9
12.5°	9388.9	8407.7	7699.5	6719.1	5775.6	5078.8	4492.0	3855.5	3158.8	2471.5	1929.4
10°	10235.2	9177.4	8168.9	7227.3	6366.4	5648.8	4911.9	4134.6	3359.7	2651.4	2076.0
7.5°	10684.7	9557.3	8516.5	7575.0	6696.5	5865.9	5081.0	4298.2	3521.3	2791.9	2199.9
5°	10983.5	9839.3	8752.4	7745.9	6847.7	6011.5	5207.3	4409.1	3642.9	2895.5	2301.2
2.5°	11203.8	10022.9	8903.7	7845.2	6932.0	6099.4	5287.6	4473.6	3706.4	2951.1	2336.5
0°	11312.9	10081.0	8959.2	7911.3	6971.1	6118.4	5318.4	4497.1	3720.9	2974.7	2351.2
-2.5°	11291.0	10044.2	8911.9	7909.2	6973.6	6100.7	5322.6	4509.8	3724.9	2992.4	2361.6
-5°	11174.9	9981.6	8857.8	7853.8	6932.3	6058.6	5280.8	4482.3	3695.7	2978.3	2351.7
-7.5°	10939.6	9793.5	8703.5	7726.5	6826.1	5971.8	5196.1	4414.6	3636.6	2929.7	2322.4
-10°	10585.9	9493.1	8456.3	7531.8	6654.6	5829.8	5070.4	4300.2	3538.9	2849.9	2271.5
-12.5°	10148.1	9116.2	8127.7	7267.2	6429.7	5642.1	4900.2	4139.0	3403.1	2739.1	2199.0
-15°	9612.9	8686.8	7792.9	6958.4	6166.4	5403.7	4679.2	3938.2	3230.5	2596.4	2104.9
-17.5°	9070.2	8210.5	7371.9	6580.1	5845.8	5121.5	4418.9	3715.0	3037.8	2442.5	1994.7
-20°	8466.1	7672.1	6896.5	6178.1	5493.6	4805.6	4128.7	3451.7	2817.2	2298.5	1897.2



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	7810.4	7101.3	6399.0	5751.1	5110.6	4451.2	3803.2	3164.1	2562.2	2137.0	1786.5
-25°	7146.5	6502.5	5873.1	5276.8	4676.3	4053.6	3454.8	2871.4	2373.8	1984.5	1667.1
-27.5°	6479.9	5896.8	5316.0	4764.9	4199.5	3650.9	3103.7	2574.9	2169.7	1838.6	1555.8
-30°	5821.1	5294.2	4762.7	4236.5	3724.9	3223.9	2734.8	2334.2	1981.9	1682.8	1431.3
-32.5°	5142.2	4684.0	4199.7	3706.5	3242.0	2799.7	2428.1	2090.5	1786.0	1539.3	1320.5
-35°	4482.2	4060.6	3615.0	3191.2	2780.2	2448.9	2134.2	1858.1	1614.6	1396.1	1210.0
-37.5°	3808.2	3427.7	3059.3	2704.0	2410.5	2130.4	1881.5	1656.1	1445.7	1271.9	1111.7
-40°	3173.2	2841.9	2577.2	2315.8	2083.1	1859.3	1662.8	1469.1	1306.7	1153.7	1015.8
-42.5°	2629.5	2397.0	2184.3	1987.0	1796.2	1630.9	1465.1	1314.3	1172.6	1044.4	929.8
-45°	2189.9	2023.8	1850.8	1706.0	1558.6	1426.8	1294.4	1170.2	1051.1	946.5	844.9
-47.5°	1841.9	1718.3	1588.0	1471.7	1361.4	1248.4	1145.2	1038.2	945.8	852.7	767.9
-50°	1557.8	1466.4	1371.1	1277.0	1190.4	1098.1	1012.6	928.4	847.0	769.7	692.6
-52.5°	1323.7	1257.5	1186.9	1112.1	1043.0	971.2	896.5	828.7	758.6	690.6	623.1
-55°	1138.0	1085.2	1031.7	975.2	917.5	858.7	797.6	736.7	676.4	614.4	563.5
-57.5°	985.5	941.1	898.5	853.7	806.6	756.7	704.7	650.4	601.0	554.2	508.0
-60°	851.9	814.4	780.5	744.3	705.9	662.8	620.3	577.6	534.8	494.1	454.5
-62.5°	731.2	704.6	674.0	643.2	612.9	581.0	542.9	505.2	469.0	434.0	401.4
-65°	614.2	591.5	567.8	545.8	521.4	494.3	462.0	432.6	404.2	375.4	348.4
-67.5°	510.6	493.2	474.2	454.5	435.1	413.4	389.7	365.2	342.4	318.9	298.7
-70°	425.3	412.7	397.9	380.4	362.7	344.9	326.8	307.6	286.8	265.7	249.4
-72.5°	354.3	345.0	333.4	318.9	303.3	287.7	271.6	254.5	236.2	216.6	201.0
-75°	292.6	285.7	276.8	263.9	250.2	235.6	221.5	205.9	188.1	168.1	152.3
-77.5°	235.1	230.7	225.1	214.5	203.7	192.9	180.5	162.3	144.3	127.2	115.6
-80°	176.3	174.3	171.0	162.1	153.1	143.9	133.9	120.1	106.9	94.6	85.1
-82.5°	116.3	114.2	111.3	105.9	100.7	95.7	90.4	81.1	72.0	63.1	55.5
-85°	58.9	57.2	55.5	54.6	53.5	52.3	50.7	45.3	40.2	35.4	31.1
-87.5°	17.1	17.1	17.0	17.2	17.4	17.4	17.4	16.1	14.9	13.6	12.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	1.7	1.3	1.3
65°	1.3	1.3	1.4	1.9	1.8	1.3	1.3	2.5	2.1	1.8	1.3
62.5°	2.5	1.3	3.3	4.4	2.8	2.3	1.9	5.3	3.4	2.4	1.8
60°	5.7	4.7	8.8	13.4	9.6	3.8	5.5	9.0	8.3	3.1	2.4
57.5°	29.0	13.3	19.6	25.5	24.3	13.6	11.1	15.4	14.0	8.2	3.3
55°	60.1	51.1	40.7	40.5	41.0	32.4	23.0	23.8	21.0	15.0	4.8
52.5°	91.4	88.6	78.8	64.3	59.0	53.3	43.6	33.7	31.2	22.3	11.8
50°	130.3	123.1	115.4	100.5	81.5	74.0	64.0	51.4	42.5	31.2	19.5
47.5°	174.7	162.4	150.7	136.2	115.4	95.8	84.7	69.8	55.0	42.8	27.2
45°	244.1	203.9	188.2	171.4	150.0	125.4	106.2	87.9	71.2	54.6	35.0
42.5°	315.4	259.4	226.5	207.6	185.2	157.6	128.5	108.1	87.3	66.3	44.3
40°	387.2	317.8	268.1	244.4	221.6	189.6	157.0	129.1	103.0	78.4	54.4
37.5°	464.7	383.2	315.9	282.7	258.7	224.0	186.0	150.5	119.1	91.5	64.4
35°	561.3	460.8	367.9	327.0	294.7	259.2	214.6	173.9	138.3	104.7	74.3
32.5°	669.8	546.4	442.6	375.2	331.3	295.0	245.1	200.1	158.0	118.0	84.0
30°	777.7	634.5	513.3	423.0	370.2	328.5	277.6	226.6	178.2	131.1	93.8
27.5°	860.1	710.5	579.6	480.4	413.3	361.9	310.0	253.2	198.7	145.7	104.6
25°	944.2	780.9	643.9	536.6	455.5	395.9	341.2	279.8	220.5	162.4	115.1
22.5°	1042.5	847.8	698.2	587.4	500.3	430.4	370.9	306.7	242.6	178.9	125.4
20°	1138.6	909.4	748.1	646.7	549.1	469.0	400.0	332.4	264.2	195.2	135.3
17.5°	1237.2	996.0	830.9	708.0	599.6	507.1	428.8	356.7	285.2	211.0	144.8
15°	1385.7	1111.8	914.5	768.6	648.4	544.5	457.0	379.7	305.4	226.3	153.2
12.5°	1525.7	1220.8	995.5	827.9	695.3	580.7	484.3	401.2	324.7	239.0	160.3
10°	1649.4	1322.2	1073.1	885.0	739.7	615.5	510.5	418.0	336.1	249.1	166.6
7.5°	1757.1	1415.3	1146.3	939.3	777.7	639.0	523.9	426.9	344.8	258.0	172.1
5°	1839.5	1478.6	1186.6	961.1	792.0	649.8	533.5	434.0	351.7	265.6	176.9
2.5°	1866.7	1499.7	1202.5	973.3	802.4	657.6	540.8	439.4	357.0	271.9	180.8
0°	1879.2	1509.9	1210.7	980.3	808.8	662.3	545.9	443.2	360.6	276.7	184.0
-2.5°	1893.1	1523.8	1222.2	991.2	815.5	668.8	551.2	449.1	365.8	282.1	189.3
-5°	1892.1	1526.4	1225.8	996.5	818.1	672.2	554.3	453.2	369.6	286.1	193.7
-7.5°	1872.1	1514.5	1221.1	995.4	816.7	672.6	555.2	455.7	371.9	288.6	197.2
-10°	1836.3	1490.0	1207.4	986.4	811.3	669.6	553.8	456.5	372.8	289.6	199.7
-12.5°	1785.9	1455.0	1185.3	971.7	801.6	663.4	549.7	454.4	372.2	289.3	201.1
-15°	1721.2	1410.0	1154.7	951.2	787.7	654.1	543.3	450.0	369.0	287.2	201.4
-17.5°	1642.9	1355.4	1115.7	925.2	769.4	641.7	534.3	443.9	364.6	283.5	201.0
-20°	1570.3	1297.8	1070.7	893.6	746.9	626.3	522.9	436.1	359.1	278.8	200.1

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1489.0	1238.0	1030.8	863.3	723.0	607.9	509.1	426.6	352.5	273.3	198.3
-25°	1396.1	1170.3	985.2	829.7	699.8	590.3	494.8	415.5	345.0	267.0	195.6
-27.5°	1308.7	1100.4	934.1	790.8	672.9	570.1	480.8	405.2	336.4	260.1	192.2
-30°	1219.6	1039.6	885.2	750.1	643.3	547.5	464.9	394.2	326.6	253.9	187.9
-32.5°	1129.0	973.3	832.7	714.8	614.6	523.2	447.6	382.4	316.4	247.9	184.4
-35°	1051.1	908.0	776.4	676.9	585.2	502.5	430.4	369.8	305.8	241.0	180.5
-37.5°	968.2	841.8	732.5	639.2	553.7	480.0	413.8	355.1	295.0	233.4	175.9
-40°	894.0	780.0	685.4	602.8	525.3	455.6	395.4	339.3	284.9	225.0	170.5
-42.5°	818.4	723.9	639.3	563.5	496.8	433.2	375.3	322.5	271.8	217.1	164.2
-45°	752.3	666.4	591.7	528.0	467.1	408.8	355.7	305.0	257.8	209.1	157.7
-47.5°	683.9	611.0	547.2	490.8	437.7	383.5	334.9	288.9	243.2	200.1	151.1
-50°	620.1	558.5	505.5	454.9	405.4	359.8	314.2	272.3	230.0	188.3	143.7
-52.5°	563.4	512.1	464.9	418.8	376.3	335.0	295.7	255.4	216.1	176.6	135.5
-55°	513.2	467.5	425.0	385.2	347.1	313.0	276.7	239.4	201.7	164.6	126.7
-57.5°	465.2	424.0	387.9	352.5	320.0	290.4	258.2	222.9	187.2	151.9	118.8
-60°	416.9	383.8	351.7	321.9	293.8	267.0	239.7	206.0	172.2	138.9	109.3
-62.5°	370.7	342.9	318.2	292.0	266.3	242.6	220.5	188.4	156.5	126.0	98.8
-65°	325.3	304.0	284.0	259.5	237.1	217.4	199.0	170.2	140.0	112.3	87.8
-67.5°	280.3	262.8	244.9	225.0	208.4	192.3	176.0	150.0	122.6	97.8	76.7
-70°	234.9	220.1	207.4	194.7	180.9	166.7	150.5	128.3	104.3	84.1	65.3
-72.5°	190.5	181.4	173.8	164.9	153.2	139.7	124.5	106.3	87.7	70.1	53.4
-75°	146.7	144.8	142.5	136.8	125.6	113.0	100.7	86.8	70.8	55.6	43.5
-77.5°	115.6	114.8	113.2	109.1	99.4	89.1	78.4	66.7	54.6	44.1	34.2
-80°	85.6	85.5	84.7	82.3	73.9	65.2	57.7	50.3	41.3	32.8	24.7
-82.5°	56.3	57.1	57.5	56.7	51.0	45.5	40.1	34.8	27.9	21.3	16.5
-85°	32.1	32.7	32.9	32.5	29.0	25.6	23.4	21.0	17.4	14.1	11.1
-87.5°	13.3	14.1	14.7	15.1	14.0	12.8	11.7	10.6	8.7	7.1	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

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REPORT NUMBER: P627172 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.3	0.0
72.5°	1.3	1.3	1.3	1.2	0.8	0.4	0.0
70°	1.3	1.3	1.3	1.3	0.9	0.4	0.0
67.5°	1.4	1.3	1.3	1.3	1.0	0.5	0.0
65°	1.6	1.4	1.3	1.3	1.1	0.5	0.0
62.5°	1.7	1.7	1.3	1.3	1.2	0.6	0.0
60°	2.0	2.0	1.3	1.3	1.3	0.6	0.0
57.5°	3.4	2.4	1.6	1.3	1.3	0.7	0.0
55°	5.2	2.8	2.0	1.3	1.3	0.7	0.0
52.5°	7.3	3.5	2.4	1.3	1.4	0.8	0.0
50°	9.6	5.6	2.8	1.3	1.4	0.8	0.0
47.5°	12.8	8.0	3.3	1.4	1.4	0.9	0.0
45°	19.5	10.4	3.7	1.7	1.4	0.9	0.0
42.5°	26.3	13.0	4.2	2.1	1.5	1.0	0.0
40°	33.0	15.8	5.5	2.5	1.5	1.0	0.0
37.5°	39.6	18.6	7.6	3.0	1.6	1.0	0.0
35°	46.2	23.1	9.8	3.6	1.6	1.1	0.0
32.5°	53.2	28.3	12.0	4.2	1.7	1.1	0.0
30°	61.0	33.4	14.1	4.9	1.7	1.1	0.0
27.5°	68.6	38.4	16.7	5.6	1.8	1.2	0.0
25°	76.0	43.1	19.2	6.4	1.9	1.2	0.0
22.5°	83.0	47.7	21.7	7.1	1.9	1.2	0.0
20°	89.7	52.3	24.0	7.9	2.0	1.2	0.0
17.5°	95.9	56.5	26.3	8.7	2.1	1.2	0.0
15°	101.6	60.5	28.5	9.5	2.1	1.3	0.0
12.5°	106.8	64.1	30.6	10.3	2.2	1.3	0.0
10°	111.5	67.5	32.5	11.1	2.3	1.3	0.0
7.5°	115.7	70.5	34.3	11.8	2.3	1.3	0.0
5°	119.4	73.3	36.0	12.5	2.4	1.3	0.0
2.5°	122.6	75.6	37.5	13.2	2.4	1.3	0.0
0°	125.2	77.6	38.8	13.8	2.5	1.3	0.0
-2.5°	128.6	80.0	40.6	14.7	2.9	1.4	0.0
-5°	131.4	82.1	42.1	15.5	3.3	1.5	0.0
-7.5°	133.6	83.8	43.5	16.2	3.6	1.5	0.0
-10°	135.2	85.0	44.6	16.8	4.0	1.6	0.0
-12.5°	136.2	85.8	45.4	17.3	4.3	1.7	0.0
-15°	136.5	86.2	45.9	17.8	4.6	1.7	0.0
-17.5°	136.1	86.2	46.2	18.1	4.9	1.8	0.0
-20°	135.7	85.7	46.1	18.3	5.2	1.8	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	135.7	84.8	45.8	18.5	5.4	1.9	0.0
-25°	135.1	84.5	45.1	18.5	5.6	1.9	0.0
-27.5°	133.9	84.1	44.0	18.3	5.8	1.9	0.0
-30°	131.9	83.2	42.7	18.1	5.9	1.9	0.0
-32.5°	129.2	81.8	42.2	17.7	6.0	1.9	0.0
-35°	126.7	79.8	41.3	17.2	6.1	1.9	0.0
-37.5°	123.8	77.7	40.1	16.5	6.1	1.9	0.0
-40°	120.3	75.8	38.5	15.8	6.1	1.9	0.0
-42.5°	116.0	73.4	37.3	15.0	6.0	1.9	0.0
-45°	111.1	70.5	36.6	14.5	5.9	1.8	0.0
-47.5°	105.5	67.2	35.5	13.7	5.8	1.8	0.0
-50°	100.6	63.4	34.0	13.4	5.6	1.7	0.0
-52.5°	95.3	59.1	32.2	13.3	5.4	1.7	0.0
-55°	89.4	55.7	29.9	12.9	5.1	1.6	0.0
-57.5°	83.0	51.9	27.4	12.4	4.8	1.5	0.0
-60°	76.1	47.6	24.5	11.7	4.5	1.5	0.0
-62.5°	69.4	42.8	22.8	10.9	4.2	1.4	0.0
-65°	62.1	37.6	20.9	9.9	3.9	1.3	0.0
-67.5°	54.2	32.9	18.7	8.8	3.6	1.2	0.0
-70°	45.7	28.9	16.3	7.6	3.3	1.0	0.0
-72.5°	38.8	24.5	13.6	6.7	2.9	0.9	0.0
-75°	31.9	19.8	10.8	5.8	2.5	0.8	0.0
-77.5°	24.6	15.0	8.9	4.9	2.1	0.7	0.0
-80°	17.0	11.4	7.2	4.0	1.7	0.5	0.0
-82.5°	12.5	8.6	5.5	3.0	1.3	0.4	0.0
-85°	8.4	5.8	3.7	2.0	0.9	0.3	0.0
-87.5°	4.2	2.9	1.8	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)