

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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA3E-722-U-WR-XX
 Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N63
 Light Source: (48) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

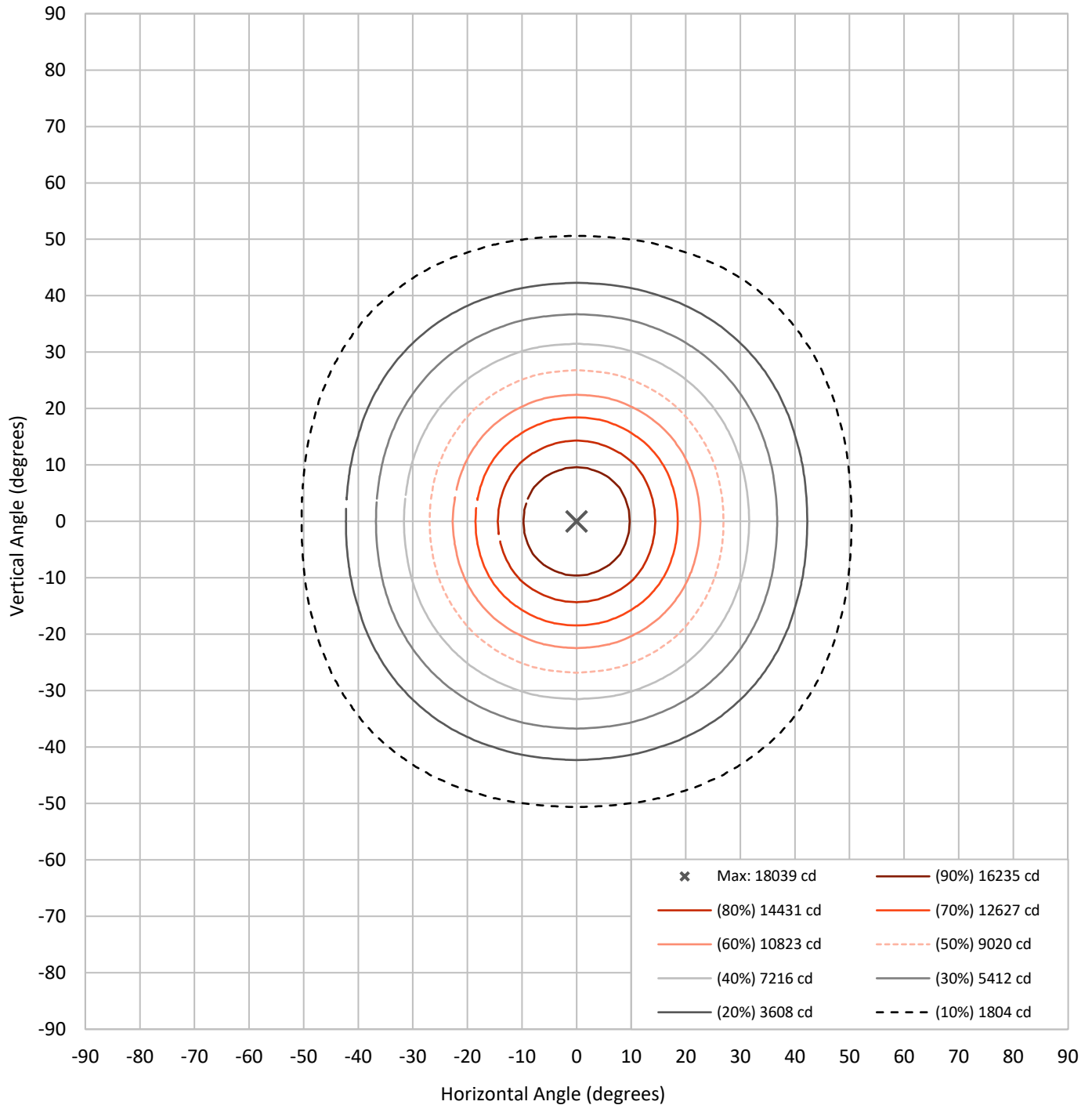
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18359.5 lumens	Max Intensity:	18039 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	8778.4 lumens	Field Lumens:	16202.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	185.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





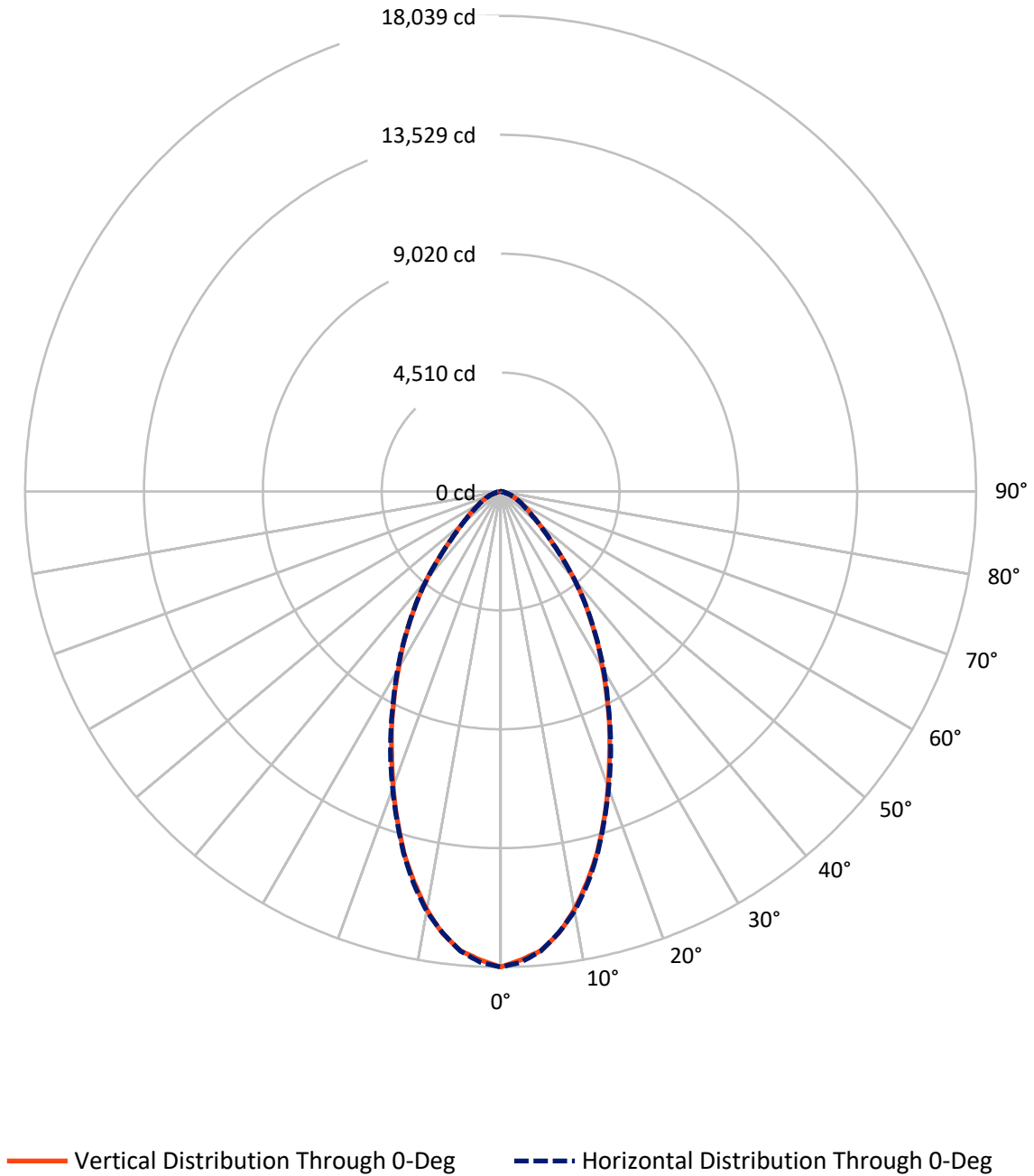
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Lumen Table

90															90				
80	0.7	5.1		11.5		19.2		16.5		19.2		11.5		5.1		0.7			
70															70				
60	2.4	2.8	5.3	8.4	12.2	15.9	18.7	20.0	20.0	18.7	15.9	12.2	8.4	5.3	2.8	2.4			
50		3.9	8.0	13.8	21.1	29.1	36.3	40.4	40.4	36.3	29.1	21.1	13.8	8.0	3.9				
40	3.5	5.1	11.0	20.6	34.7	53.3	73.5	86.9	86.9	73.5	53.3	34.7	20.6	11.0	5.1	3.5			
30		6.2	14.4	29.9	58.2	103.3	150.1	178.1	178.1	150.1	103.3	58.2	29.9	14.4	6.2				
20	4.2	7.2	18.0	41.8	94.1	169.1	242.0	289.2	289.2	242.0	169.1	94.1	41.8	18.0	7.2	4.2			
10		8.0	21.1	54.3	128.4	228.3	337.1	414.7	414.7	337.1	228.3	128.4	54.3	21.1	8.0				
0	4.4	8.4	22.8	62.3	147.8	265.5	404.0	508.0	508.0	404.0	265.5	147.8	62.3	22.8	8.4	4.4			
-10		8.4	22.8	62.3	147.8	265.5	404.0	508.0	508.0	404.0	265.5	147.8	62.3	22.8	8.4				
-20	4.2	8.0	21.1	54.3	128.4	228.3	337.1	414.7	414.7	337.1	228.3	128.4	54.3	21.1	8.0	4.2			
-30		7.2	18.0	41.8	94.1	169.1	242.0	289.2	289.2	242.0	169.1	94.1	41.8	18.0	7.2				
-40	3.5	6.2	14.4	29.9	58.2	103.3	150.1	178.1	178.1	150.1	103.3	58.2	29.9	14.4	6.2	3.5			
-50		5.1	11.0	20.6	34.7	53.3	73.5	86.9	86.9	73.5	53.3	34.7	20.6	11.0	5.1				
-60	2.4	3.9	8.0	13.8	21.1	29.1	36.3	40.4	40.4	36.3	29.1	21.1	13.8	8.0	3.9	2.4			
-70		2.8	5.3	8.4	12.2	15.9	18.7	20.0	20.0	18.7	15.9	12.2	8.4	5.3	2.8				
-80															-80				
-90	0.7	5.1		11.5		19.2		16.5		19.2		11.5		5.1		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

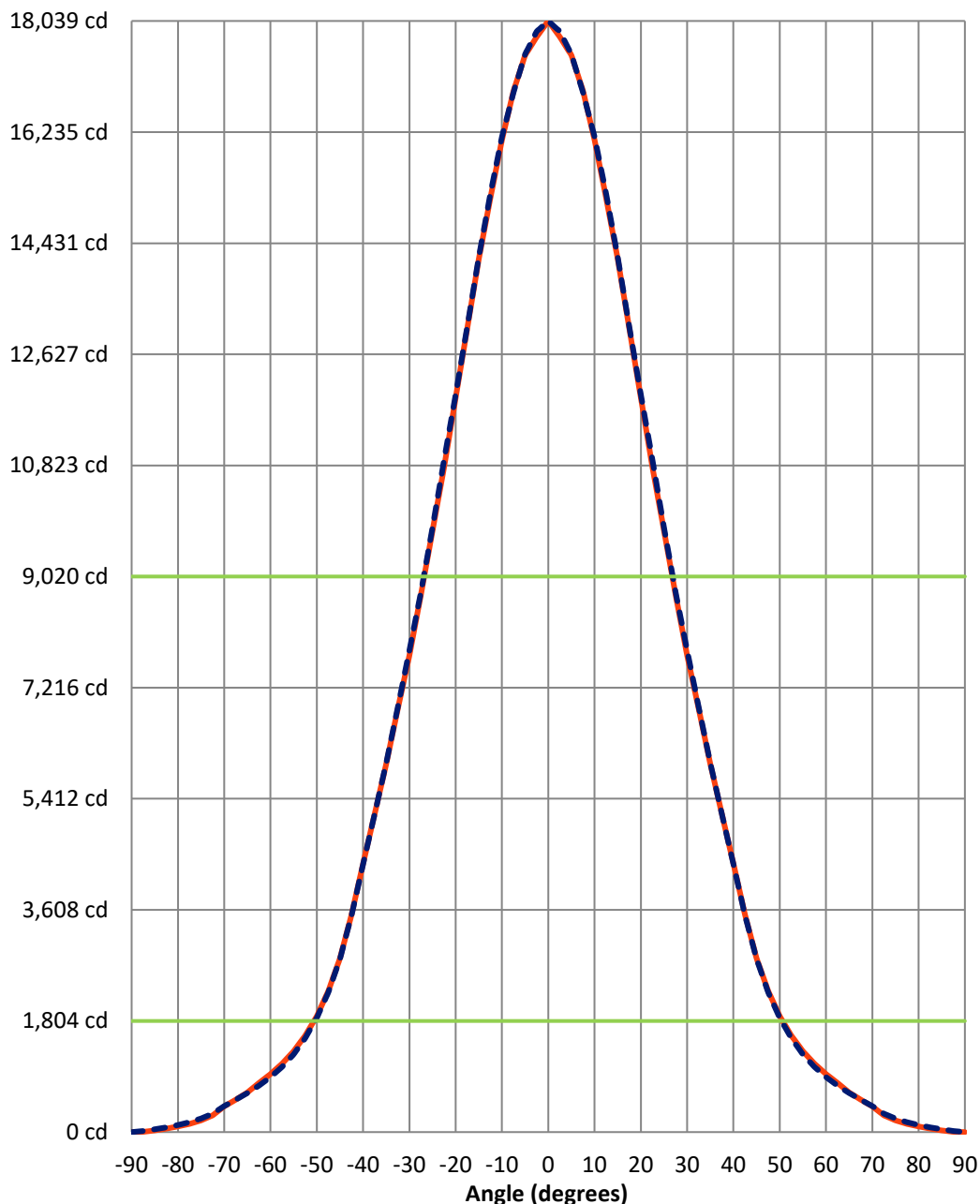
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 8778.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 16202.9
 Efficiency: 88.3%

Spill:
 Lumens: 2156.6
 Efficiency: 11.7%

- 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	0.9	2.1	3.4	5.0	6.7	8.6	9.5	10.2	10.9	11.3
85°	0.0	1.8	4.2	6.9	9.9	13.3	17.1	19.0	20.5	21.7	22.7
82.5°	0.0	2.7	6.3	10.3	14.8	19.9	25.5	28.4	31.4	36.4	40.8
80°	0.0	3.6	8.4	13.7	19.7	26.5	34.7	43.2	50.5	57.1	62.9
77.5°	0.0	4.5	10.4	17.0	24.5	34.4	49.6	60.5	69.6	77.8	85.9
75°	0.0	5.4	12.4	20.3	29.7	45.0	64.0	77.8	88.7	99.8	111.7
72.5°	0.0	6.3	14.4	23.5	36.8	55.3	78.0	94.8	107.9	122.1	137.1
70°	0.0	7.1	16.3	26.9	43.6	65.2	91.3	110.8	126.8	143.9	164.1
67.5°	0.0	7.9	18.1	31.0	50.2	74.6	102.8	126.5	145.3	166.5	190.7
65°	0.0	8.7	19.9	35.0	56.4	83.3	113.7	141.8	163.5	188.3	215.9
62.5°	0.0	9.5	21.7	38.8	62.3	91.2	124.1	156.3	181.0	209.2	239.4
60°	0.0	10.3	23.3	42.4	67.8	98.6	133.7	170.1	197.7	229.4	262.2
57.5°	0.0	11.0	25.3	45.7	72.9	105.5	142.5	182.5	214.6	249.0	283.1
55°	0.0	11.7	27.3	48.8	77.6	111.9	150.5	192.4	231.1	267.7	303.2
52.5°	0.0	12.4	29.2	51.6	82.0	117.8	157.9	203.2	247.0	285.5	322.8
50°	0.0	13.0	31.0	54.1	85.9	123.1	164.6	213.3	262.3	302.9	344.3
47.5°	0.0	13.6	32.7	56.5	89.5	128.0	170.9	222.5	277.4	319.9	365.4
45°	0.0	14.2	34.3	58.8	92.6	132.3	177.9	230.8	288.2	338.2	385.7
42.5°	0.0	14.7	35.8	60.8	95.3	136.0	184.1	238.9	298.1	355.8	406.9
40°	0.0	15.2	37.3	63.0	97.7	139.1	189.6	246.8	307.9	372.2	427.3
37.5°	0.0	15.7	38.6	65.3	99.9	141.7	194.3	253.9	318.7	385.1	446.7
35°	0.0	16.1	39.8	67.4	101.7	144.6	198.1	260.3	328.9	399.3	466.6
32.5°	0.0	16.5	41.0	69.3	103.0	147.4	201.7	265.8	338.7	413.8	486.9
30°	0.0	16.8	42.0	71.0	104.0	149.5	205.7	271.2	348.0	428.4	506.0
27.5°	0.0	17.1	42.9	72.6	106.2	151.0	208.9	278.0	357.6	443.0	524.0
25°	0.0	17.4	43.7	73.9	108.3	151.9	211.4	284.0	368.4	457.4	540.7
22.5°	0.0	17.6	44.5	75.0	110.2	153.1	213.2	289.2	378.8	470.6	559.0
20°	0.0	17.8	45.1	76.0	111.8	155.9	214.3	293.7	388.5	482.4	575.4
17.5°	0.0	17.9	45.5	76.7	113.2	158.1	216.7	297.3	397.4	492.9	589.8
15°	0.0	18.0	45.9	77.2	114.2	159.9	219.6	300.7	405.4	501.9	602.1
12.5°	0.0	18.1	46.2	77.6	115.0	161.2	221.7	303.8	412.3	509.4	612.4
10°	0.0	18.1	46.4	77.7	115.5	162.0	223.0	305.5	417.6	515.7	620.8
7.5°	0.0	18.1	46.4	77.7	115.8	162.4	223.5	305.9	421.3	520.5	627.3
5°	0.0	18.0	46.3	77.5	115.7	162.2	223.3	305.0	423.3	523.8	631.6
2.5°	0.0	17.9	46.2	77.1	115.3	161.7	222.3	302.9	423.6	525.4	633.7
0°	0.0	17.8	45.9	76.5	114.7	160.6	220.6	299.6	422.0	525.3	633.6
-2.5°	0.0	17.9	46.2	77.1	115.3	161.7	222.3	302.9	423.6	525.4	633.7
-5°	0.0	18.0	46.3	77.5	115.7	162.2	223.3	305.0	423.3	523.8	631.6
-7.5°	0.0	18.1	46.4	77.7	115.8	162.4	223.5	305.9	421.3	520.5	627.3
-10°	0.0	18.1	46.4	77.7	115.5	162.0	223.0	305.5	417.6	515.7	620.8
-12.5°	0.0	18.1	46.2	77.6	115.0	161.2	221.7	303.8	412.3	509.4	612.4
-15°	0.0	18.0	45.9	77.2	114.2	159.9	219.6	300.7	405.4	501.9	602.1
-17.5°	0.0	17.9	45.5	76.7	113.2	158.1	216.7	297.3	397.4	492.9	589.8
-20°	0.0	17.8	45.1	76.0	111.8	155.9	214.3	293.7	388.5	482.4	575.4

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CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.6	44.5	75.0	110.2	153.1	213.2	289.2	378.8	470.6	559.0
-25°	0.0	17.4	43.7	73.9	108.3	151.9	211.4	284.0	368.4	457.4	540.7
-27.5°	0.0	17.1	42.9	72.6	106.2	151.0	208.9	278.0	357.6	443.0	524.0
-30°	0.0	16.8	42.0	71.0	104.0	149.5	205.7	271.2	348.0	428.4	506.0
-32.5°	0.0	16.5	41.0	69.3	103.0	147.4	201.7	265.8	338.7	413.8	486.9
-35°	0.0	16.1	39.8	67.4	101.7	144.6	198.1	260.3	328.9	399.3	466.6
-37.5°	0.0	15.7	38.6	65.3	99.9	141.7	194.3	253.9	318.7	385.1	446.7
-40°	0.0	15.2	37.3	63.0	97.7	139.1	189.6	246.8	307.9	372.2	427.3
-42.5°	0.0	14.7	35.8	60.8	95.3	136.0	184.1	238.9	298.1	355.8	406.9
-45°	0.0	14.2	34.3	58.8	92.6	132.3	177.9	230.8	288.2	338.2	385.7
-47.5°	0.0	13.6	32.7	56.5	89.5	128.0	170.9	222.5	277.4	319.9	365.4
-50°	0.0	13.0	31.0	54.1	85.9	123.1	164.6	213.3	262.3	302.9	344.3
-52.5°	0.0	12.4	29.2	51.6	82.0	117.8	157.9	203.2	247.0	285.5	322.8
-55°	0.0	11.7	27.3	48.8	77.6	111.9	150.5	192.4	231.1	267.7	303.2
-57.5°	0.0	11.0	25.3	45.7	72.9	105.5	142.5	182.5	214.6	249.0	283.1
-60°	0.0	10.3	23.3	42.4	67.8	98.6	133.7	170.1	197.7	229.4	262.2
-62.5°	0.0	9.5	21.7	38.8	62.3	91.2	124.1	156.3	181.0	209.2	239.4
-65°	0.0	8.7	19.9	35.0	56.4	83.3	113.7	141.8	163.5	188.3	215.9
-67.5°	0.0	7.9	18.1	31.0	50.2	74.6	102.8	126.5	145.3	166.5	190.7
-70°	0.0	7.1	16.3	26.9	43.6	65.2	91.3	110.8	126.8	143.9	164.1
-72.5°	0.0	6.3	14.4	23.5	36.8	55.3	78.0	94.8	107.9	122.1	137.1
-75°	0.0	5.4	12.4	20.3	29.7	45.0	64.0	77.8	88.7	99.8	111.7
-77.5°	0.0	4.5	10.4	17.0	24.5	34.4	49.6	60.5	69.6	77.8	85.9
-80°	0.0	3.6	8.4	13.7	19.7	26.5	34.7	43.2	50.5	57.1	62.9
-82.5°	0.0	2.7	6.3	10.3	14.8	19.9	25.5	28.4	31.4	36.4	40.8
-85°	0.0	1.8	4.2	6.9	9.9	13.3	17.1	19.0	20.5	21.7	22.7
-87.5°	0.0	0.9	2.1	3.4	5.0	6.7	8.6	9.5	10.2	10.9	11.3
-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°	11.5	11.5	11.3	11.0	10.5	9.8	9.1	8.1	8.5	8.8	9.1
85°	23.0	23.0	24.9	26.6	27.5	27.6	27.0	25.9	29.2	33.1	37.2
82.5°	44.9	48.8	52.4	55.9	56.3	55.4	53.7	51.7	58.5	66.7	75.3
80°	68.8	74.5	81.1	87.3	88.8	88.2	86.2	83.1	92.1	104.8	118.5
77.5°	95.4	104.6	113.1	120.9	123.2	122.8	121.4	118.8	130.3	147.9	166.2
75°	123.6	134.7	145.6	155.2	159.3	159.6	159.2	161.9	176.9	197.5	215.7
72.5°	152.9	167.0	179.3	189.9	196.5	201.6	208.2	216.4	231.7	251.9	269.7
70°	183.9	199.5	212.6	224.3	234.4	245.4	259.6	273.6	289.6	309.8	328.3
67.5°	214.6	230.4	245.1	259.5	277.9	295.6	313.2	331.4	351.6	372.8	391.6
65°	242.9	260.8	278.7	299.7	323.7	343.6	365.3	389.1	415.5	439.4	461.2
62.5°	270.2	290.3	312.5	337.8	363.8	388.8	417.8	448.4	479.3	509.3	539.0
60°	293.2	318.3	345.2	373.7	403.7	437.8	471.9	508.2	545.2	581.2	618.0
57.5°	315.3	346.3	377.3	410.6	447.9	486.9	527.8	568.7	612.9	656.5	698.3
55°	338.2	374.8	410.0	449.5	492.3	538.1	584.2	633.9	682.7	737.6	788.4
52.5°	362.7	402.5	444.0	489.1	539.1	590.7	644.9	701.8	762.5	823.6	885.6
50°	386.6	431.5	477.6	531.6	587.5	646.5	709.1	775.4	846.0	916.8	991.8
47.5°	411.6	459.5	515.9	574.5	638.5	705.7	776.5	855.3	933.9	1023.0	1109.0
45°	436.3	491.3	552.5	620.6	690.9	766.5	850.8	937.4	1037.7	1138.2	1251.2
42.5°	459.9	523.4	592.4	665.3	745.3	832.2	925.4	1034.3	1147.4	1271.8	1404.5
40°	487.1	554.1	631.8	713.3	799.9	899.3	1011.5	1132.4	1270.3	1417.8	1568.5
37.5°	513.5	588.7	670.7	759.1	859.7	971.6	1095.4	1243.6	1402.7	1570.4	1775.4
35°	538.2	621.7	710.8	807.6	916.5	1046.1	1194.2	1358.0	1541.4	1757.6	1996.8
32.5°	564.5	652.9	748.6	857.2	980.5	1122.1	1290.3	1483.0	1700.1	1946.3	2245.6
30°	591.0	685.0	786.1	903.6	1040.8	1204.7	1395.8	1608.8	1858.5	2167.4	2518.7
27.5°	615.4	715.0	825.8	952.8	1099.5	1280.8	1497.1	1746.9	2041.1	2390.2	2800.5
25°	637.9	742.3	862.2	999.7	1164.2	1363.0	1597.6	1874.2	2223.8	2640.0	3144.8
22.5°	659.4	767.2	895.1	1041.9	1222.5	1442.6	1706.6	2023.1	2409.5	2876.6	3482.1
20°	679.5	794.1	927.9	1082.2	1274.5	1514.5	1806.9	2162.2	2601.9	3154.8	3812.9
17.5°	697.1	817.8	958.8	1125.8	1332.6	1587.5	1901.4	2285.0	2773.0	3403.3	4118.0
15°	712.3	838.3	985.6	1163.6	1384.8	1660.1	2000.7	2419.6	2951.6	3629.3	4386.0
12.5°	724.9	855.4	1008.1	1195.3	1428.7	1721.4	2085.4	2539.5	3125.6	3842.1	4621.2
10°	735.0	869.2	1026.2	1221.0	1464.1	1771.3	2155.2	2637.6	3270.4	4024.5	4820.2
7.5°	743.4	879.9	1040.1	1240.5	1490.9	1809.3	2209.6	2713.4	3383.5	4168.9	4973.0
5°	749.4	887.7	1050.6	1254.1	1510.6	1835.9	2247.6	2766.3	3464.0	4273.6	5077.4
2.5°	752.8	891.8	1056.7	1261.3	1522.7	1851.0	2267.6	2799.6	3508.2	4333.3	5140.5
0°	753.5	892.5	1058.2	1262.2	1526.1	1853.8	2270.7	2810.0	3517.5	4348.8	5163.5
-2.5°	752.8	891.8	1056.7	1261.3	1522.7	1851.0	2267.6	2799.6	3508.2	4333.3	5140.5
-5°	749.4	887.7	1050.6	1254.1	1510.6	1835.9	2247.6	2766.3	3464.0	4273.6	5077.4
-7.5°	743.4	879.9	1040.1	1240.5	1490.9	1809.3	2209.6	2713.4	3383.5	4168.9	4973.0
-10°	735.0	869.2	1026.2	1221.0	1464.1	1771.3	2155.2	2637.6	3270.4	4024.5	4820.2
-12.5°	724.9	855.4	1008.1	1195.3	1428.7	1721.4	2085.4	2539.5	3125.6	3842.1	4621.2
-15°	712.3	838.3	985.6	1163.6	1384.8	1660.1	2000.7	2419.6	2951.6	3629.3	4386.0
-17.5°	697.1	817.8	958.8	1125.8	1332.6	1587.5	1901.4	2285.0	2773.0	3403.3	4118.0
-20°	679.5	794.1	927.9	1082.2	1274.5	1514.5	1806.9	2162.2	2601.9	3154.8	3812.9



REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	659.4	767.2	895.1	1041.9	1222.5	1442.6	1706.6	2023.1	2409.5	2876.6	3482.1
-25°	637.9	742.3	862.2	999.7	1164.2	1363.0	1597.6	1874.2	2223.8	2640.0	3144.8
-27.5°	615.4	715.0	825.8	952.8	1099.5	1280.8	1497.1	1746.9	2041.1	2390.2	2800.5
-30°	591.0	685.0	786.1	903.6	1040.8	1204.7	1395.8	1608.8	1858.5	2167.4	2518.7
-32.5°	564.5	652.9	748.6	857.2	980.5	1122.1	1290.3	1483.0	1700.1	1946.3	2245.6
-35°	538.2	621.7	710.8	807.6	916.5	1046.1	1194.2	1358.0	1541.4	1757.6	1996.8
-37.5°	513.5	588.7	670.7	759.1	859.7	971.6	1095.4	1243.6	1402.7	1570.4	1775.4
-40°	487.1	554.1	631.8	713.3	799.9	899.3	1011.5	1132.4	1270.3	1417.8	1568.5
-42.5°	459.9	523.4	592.4	665.3	745.3	832.2	925.4	1034.3	1147.4	1271.8	1404.5
-45°	436.3	491.3	552.5	620.6	690.9	766.5	850.8	937.4	1037.7	1138.2	1251.2
-47.5°	411.6	459.5	515.9	574.5	638.5	705.7	776.5	855.3	933.9	1023.0	1109.0
-50°	386.6	431.5	477.6	531.6	587.5	646.5	709.1	775.4	846.0	916.8	991.8
-52.5°	362.7	402.5	444.0	489.1	539.1	590.7	644.9	701.8	762.5	823.6	885.6
-55°	338.2	374.8	410.0	449.5	492.3	538.1	584.2	633.9	682.7	737.6	788.4
-57.5°	315.3	346.3	377.3	410.6	447.9	486.9	527.8	568.7	612.9	656.5	698.3
-60°	293.2	318.3	345.2	373.7	403.7	437.8	471.9	508.2	545.2	581.2	618.0
-62.5°	270.2	290.3	312.5	337.8	363.8	388.8	417.8	448.4	479.3	509.3	539.0
-65°	242.9	260.8	278.7	299.7	323.7	343.6	365.3	389.1	415.5	439.4	461.2
-67.5°	214.6	230.4	245.1	259.5	277.9	295.6	313.2	331.4	351.6	372.8	391.6
-70°	183.9	199.5	212.6	224.3	234.4	245.4	259.6	273.6	289.6	309.8	328.3
-72.5°	152.9	167.0	179.3	189.9	196.5	201.6	208.2	216.4	231.7	251.9	269.7
-75°	123.6	134.7	145.6	155.2	159.3	159.6	159.2	161.9	176.9	197.5	215.7
-77.5°	95.4	104.6	113.1	120.9	123.2	122.8	121.4	118.8	130.3	147.9	166.2
-80°	68.8	74.5	81.1	87.3	88.8	88.2	86.2	83.1	92.1	104.8	118.5
-82.5°	44.9	48.8	52.4	55.9	56.3	55.4	53.7	51.7	58.5	66.7	75.3
-85°	23.0	23.0	24.9	26.6	27.5	27.6	27.0	25.9	29.2	33.1	37.2
-87.5°	11.5	11.5	11.3	11.0	10.5	9.8	9.1	8.1	8.5	8.8	9.1
-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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-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°	9.4	9.2	8.8	8.5	8.1	7.9	7.8	7.6	7.3	6.8	6.3
85°	41.4	42.4	42.9	43.1	43.1	44.5	45.8	47.0	48.0	43.5	38.6
82.5°	84.3	88.3	91.7	95.2	98.6	100.9	102.7	104.0	104.8	94.9	83.7
80°	132.7	141.0	147.9	154.5	160.8	162.3	162.3	161.4	159.7	146.1	130.7
77.5°	184.6	195.4	204.1	212.6	221.0	224.2	225.7	226.8	227.6	210.8	190.1
75°	231.6	244.6	256.7	267.9	278.2	283.7	287.0	289.6	291.7	274.8	252.6
72.5°	285.3	299.0	312.1	324.5	335.5	342.7	347.5	351.4	354.4	344.8	330.9
70°	344.2	358.4	372.2	385.2	397.6	407.4	415.1	421.7	427.2	428.3	427.8
67.5°	409.7	426.5	442.9	457.0	471.8	485.6	497.7	507.8	515.9	521.2	524.2
65°	483.2	508.4	530.9	549.9	565.9	584.3	600.5	612.9	621.7	628.3	634.0
62.5°	569.8	600.4	626.1	651.4	677.6	703.1	719.0	735.0	750.5	765.3	777.9
60°	653.2	686.7	721.5	753.9	783.9	811.5	840.1	865.3	887.5	906.0	919.8
57.5°	742.0	782.9	822.4	863.6	902.3	938.4	973.6	1006.2	1034.3	1058.0	1077.3
55°	838.5	888.4	935.4	987.6	1038.2	1084.4	1126.9	1170.5	1209.7	1244.3	1271.7
52.5°	942.4	1007.4	1069.6	1130.9	1196.5	1255.7	1308.7	1369.1	1422.7	1467.0	1501.4
50°	1066.6	1142.9	1225.0	1301.0	1383.7	1465.2	1540.4	1613.2	1684.4	1746.0	1795.8
47.5°	1207.9	1301.7	1403.5	1504.3	1607.0	1718.4	1817.9	1910.3	2009.8	2096.3	2165.6
45°	1365.0	1484.7	1607.6	1749.2	1879.6	2022.8	2155.3	2274.3	2415.5	2539.8	2640.0
42.5°	1539.3	1698.7	1860.3	2038.7	2211.8	2393.6	2586.6	2757.8	2945.1	3123.6	3267.8
40°	1755.3	1945.9	2162.3	2378.3	2626.7	2860.1	3141.3	3396.9	3629.0	3841.8	4016.3
37.5°	1995.4	2240.7	2512.7	2793.9	3133.8	3467.1	3796.3	4107.0	4381.4	4614.3	4809.7
35°	2268.0	2579.7	2909.1	3319.6	3717.9	4117.1	4488.8	4828.5	5126.9	5389.7	5613.2
32.5°	2581.4	2955.6	3416.6	3877.9	4332.3	4771.7	5179.9	5550.3	5877.6	6172.7	6429.7
30°	2911.0	3421.5	3939.0	4445.1	4941.3	5422.6	5870.6	6278.6	6648.5	6977.0	7273.0
27.5°	3329.9	3895.6	4459.9	5005.4	5551.3	6078.1	6563.6	7016.9	7441.2	7812.5	8150.9
25°	3735.0	4359.9	4959.8	5554.6	6148.9	6714.4	7257.3	7769.3	8255.3	8681.4	9059.2
22.5°	4140.0	4794.2	5435.2	6074.7	6713.0	7343.5	7953.1	8539.7	9083.2	9568.5	9993.8
20°	4515.2	5199.0	5884.5	6573.9	7265.8	7956.0	8640.6	9300.8	9906.2	10466.4	10958.7
17.5°	4851.5	5578.7	6305.5	7042.9	7793.0	8542.3	9302.8	10042.9	10735.0	11372.5	11943.6
15°	5149.3	5908.2	6688.7	7484.5	8290.0	9103.7	9933.6	10761.5	11540.7	12264.7	12902.3
12.5°	5409.7	6198.7	7016.8	7862.3	8736.6	9623.0	10528.6	11436.2	12298.8	13134.6	13823.1
10°	5624.6	6445.8	7300.8	8189.2	9111.2	10065.2	11036.9	12013.8	12964.2	13850.9	14638.1
7.5°	5790.5	6642.5	7523.5	8447.6	9414.8	10420.9	11450.2	12486.9	13501.1	14456.6	15327.7
5°	5907.6	6785.6	7677.8	8639.0	9639.8	10682.5	11752.2	12832.6	13892.8	14897.4	15800.1
2.5°	5975.5	6871.6	7767.7	8755.3	9773.6	10840.7	11939.5	13037.6	14125.8	15167.7	16095.4
0°	5993.5	6897.4	7819.2	8767.7	9815.7	10914.7	11974.2	13075.7	14206.6	15234.2	16158.5
-2.5°	5975.5	6871.6	7767.7	8755.3	9773.6	10840.7	11939.5	13037.6	14125.8	15167.7	16095.4
-5°	5907.6	6785.6	7677.8	8639.0	9639.8	10682.5	11752.2	12832.6	13892.8	14897.4	15800.1
-7.5°	5790.5	6642.5	7523.5	8447.6	9414.8	10420.9	11450.2	12486.9	13501.1	14456.6	15327.7
-10°	5624.6	6445.8	7300.8	8189.2	9111.2	10065.2	11036.9	12013.8	12964.2	13850.9	14638.1
-12.5°	5409.7	6198.7	7016.8	7862.3	8736.6	9623.0	10528.6	11436.2	12298.8	13134.6	13823.1
-15°	5149.3	5908.2	6688.7	7484.5	8290.0	9103.7	9933.6	10761.5	11540.7	12264.7	12902.3
-17.5°	4851.5	5578.7	6305.5	7042.9	7793.0	8542.3	9302.8	10042.9	10735.0	11372.5	11943.6
-20°	4515.2	5199.0	5884.5	6573.9	7265.8	7956.0	8640.6	9300.8	9906.2	10466.4	10958.7



REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4140.0	4794.2	5435.2	6074.7	6713.0	7343.5	7953.1	8539.7	9083.2	9568.5	9993.8
-25°	3735.0	4359.9	4959.8	5554.6	6148.9	6714.4	7257.3	7769.3	8255.3	8681.4	9059.2
-27.5°	3329.9	3895.6	4459.9	5005.4	5551.3	6078.1	6563.6	7016.9	7441.2	7812.5	8150.9
-30°	2911.0	3421.5	3939.0	4445.1	4941.3	5422.6	5870.6	6278.6	6648.5	6977.0	7273.0
-32.5°	2581.4	2955.6	3416.6	3877.9	4332.3	4771.7	5179.9	5550.3	5877.6	6172.7	6429.7
-35°	2268.0	2579.7	2909.1	3319.6	3717.9	4117.1	4488.8	4828.5	5126.9	5389.7	5613.2
-37.5°	1995.4	2240.7	2512.7	2793.9	3133.8	3467.1	3796.3	4107.0	4381.4	4614.3	4809.7
-40°	1755.3	1945.9	2162.3	2378.3	2626.7	2860.1	3141.3	3396.9	3629.0	3841.8	4016.3
-42.5°	1539.3	1698.7	1860.3	2038.7	2211.8	2393.6	2586.6	2757.8	2945.1	3123.6	3267.8
-45°	1365.0	1484.7	1607.6	1749.2	1879.6	2022.8	2155.3	2274.3	2415.5	2539.8	2640.0
-47.5°	1207.9	1301.7	1403.5	1504.3	1607.0	1718.4	1817.9	1910.3	2009.8	2096.3	2165.6
-50°	1066.6	1142.9	1225.0	1301.0	1383.7	1465.2	1540.4	1613.2	1684.4	1746.0	1795.8
-52.5°	942.4	1007.4	1069.6	1130.9	1196.5	1255.7	1308.7	1369.1	1422.7	1467.0	1501.4
-55°	838.5	888.4	935.4	987.6	1038.2	1084.4	1126.9	1170.5	1209.7	1244.3	1271.7
-57.5°	742.0	782.9	822.4	863.6	902.3	938.4	973.6	1006.2	1034.3	1058.0	1077.3
-60°	653.2	686.7	721.5	753.9	783.9	811.5	840.1	865.3	887.5	906.0	919.8
-62.5°	569.8	600.4	626.1	651.4	677.6	703.1	719.0	735.0	750.5	765.3	777.9
-65°	483.2	508.4	530.9	549.9	565.9	584.3	600.5	612.9	621.7	628.3	634.0
-67.5°	409.7	426.5	442.9	457.0	471.8	485.6	497.7	507.8	515.9	521.2	524.2
-70°	344.2	358.4	372.2	385.2	397.6	407.4	415.1	421.7	427.2	428.3	427.8
-72.5°	285.3	299.0	312.1	324.5	335.5	342.7	347.5	351.4	354.4	344.8	330.9
-75°	231.6	244.6	256.7	267.9	278.2	283.7	287.0	289.6	291.7	274.8	252.6
-77.5°	184.6	195.4	204.1	212.6	221.0	224.2	225.7	226.8	227.6	210.8	190.1
-80°	132.7	141.0	147.9	154.5	160.8	162.3	162.3	161.4	159.7	146.1	130.7
-82.5°	84.3	88.3	91.7	95.2	98.6	100.9	102.7	104.0	104.8	94.9	83.7
-85°	41.4	42.4	42.9	43.1	43.1	44.5	45.8	47.0	48.0	43.5	38.6
-87.5°	9.4	9.2	8.8	8.5	8.1	7.9	7.8	7.6	7.3	6.8	6.3
-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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-WR-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°	5.7	5.1	4.4	3.8	4.4	5.1	5.7	6.3	6.8	7.3	7.6
85°	33.3	27.9	27.4	26.8	27.4	27.9	33.3	38.6	43.5	48.0	47.0
82.5°	72.0	59.8	57.9	56.1	57.9	59.8	72.0	83.7	94.9	104.8	104.0
80°	114.7	98.1	94.9	91.8	94.9	98.1	114.7	130.7	146.1	159.7	161.4
77.5°	168.3	145.5	138.9	132.6	138.9	145.5	168.3	190.1	210.8	227.6	226.8
75°	229.5	205.6	197.6	190.0	197.6	205.6	229.5	252.6	274.8	291.7	289.6
72.5°	316.9	302.3	287.6	271.6	287.6	302.3	316.9	330.9	344.8	354.4	351.4
70°	427.4	426.3	422.6	416.9	422.6	426.3	427.4	427.8	428.3	427.2	421.7
67.5°	525.4	525.0	526.3	526.5	526.3	525.0	525.4	524.2	521.2	515.9	507.8
65°	637.5	638.8	641.4	642.6	641.4	638.8	637.5	634.0	628.3	621.7	612.9
62.5°	787.5	794.0	797.2	796.8	797.2	794.0	787.5	777.9	765.3	750.5	735.0
60°	930.1	936.8	941.1	942.2	941.1	936.8	930.1	919.8	906.0	887.5	865.3
57.5°	1092.7	1103.7	1109.6	1110.5	1109.6	1103.7	1092.7	1077.3	1058.0	1034.3	1006.2
55°	1292.7	1307.4	1314.0	1313.2	1314.0	1307.4	1292.7	1271.7	1244.3	1209.7	1170.5
52.5°	1527.5	1545.4	1558.8	1566.9	1558.8	1545.4	1527.5	1501.4	1467.0	1422.7	1369.1
50°	1833.2	1858.8	1875.1	1881.8	1875.1	1858.8	1833.2	1795.8	1746.0	1684.4	1613.2
47.5°	2215.7	2249.6	2274.8	2292.3	2274.8	2249.6	2215.7	2165.6	2096.3	2009.8	1910.3
45°	2713.9	2765.7	2800.9	2821.4	2800.9	2765.7	2713.9	2640.0	2539.8	2415.5	2274.3
42.5°	3380.5	3460.9	3510.1	3529.0	3510.1	3460.9	3380.5	3267.8	3123.6	2945.1	2757.8
40°	4154.0	4250.6	4313.9	4357.7	4313.9	4250.6	4154.0	4016.3	3841.8	3629.0	3396.9
37.5°	4959.7	5061.1	5122.8	5164.7	5122.8	5061.1	4959.7	4809.7	4614.3	4381.4	4107.0
35°	5781.7	5887.9	5945.8	5978.2	5945.8	5887.9	5781.7	5613.2	5389.7	5126.9	4828.5
32.5°	6625.6	6742.6	6805.6	6870.6	6805.6	6742.6	6625.6	6429.7	6172.7	5877.6	5550.3
30°	7507.0	7641.2	7707.1	7738.8	7707.1	7641.2	7507.0	7273.0	6977.0	6648.5	6278.6
27.5°	8424.1	8591.5	8673.9	8728.2	8673.9	8591.5	8424.1	8150.9	7812.5	7441.2	7016.9
25°	9378.4	9585.8	9680.2	9764.7	9680.2	9585.8	9378.4	9059.2	8681.4	8255.3	7769.3
22.5°	10368.5	10626.7	10736.1	10796.1	10736.1	10626.7	10368.5	9993.8	9568.5	9083.2	8539.7
20°	11384.4	11693.0	11844.9	11923.2	11844.9	11693.0	11384.4	10958.7	10466.4	9906.2	9300.8
17.5°	12423.3	12807.2	13003.8	13048.9	13003.8	12807.2	12423.3	11943.6	11372.5	10735.0	10042.9
15°	13443.2	13858.4	14090.8	14176.0	14090.8	13858.4	13443.2	12902.3	12264.7	11540.7	10761.5
12.5°	14409.0	14839.4	15117.1	15166.6	15117.1	14839.4	14409.0	13823.1	13134.6	12298.8	11436.2
10°	15285.0	15730.8	16037.6	16107.5	16037.6	15730.8	15285.0	14638.1	13850.9	12964.2	12013.8
7.5°	16017.3	16506.4	16845.4	16904.3	16845.4	16506.4	16017.3	15327.7	14456.6	13501.1	12486.9
5°	16553.1	17133.8	17412.0	17481.9	17412.0	17133.8	16553.1	15800.1	14897.4	13892.8	12832.6
2.5°	16847.0	17438.2	17824.8	17780.2	17824.8	17438.2	16847.0	16095.4	15167.7	14125.8	13037.6
0°	16880.1	17498.4	17868.2	18039.0	17868.2	17498.4	16880.1	16158.5	15234.2	14206.6	13075.7
-2.5°	16847.0	17438.2	17824.8	17780.2	17824.8	17438.2	16847.0	16095.4	15167.7	14125.8	13037.6
-5°	16553.1	17133.8	17412.0	17481.9	17412.0	17133.8	16553.1	15800.1	14897.4	13892.8	12832.6
-7.5°	16017.3	16506.4	16845.4	16904.3	16845.4	16506.4	16017.3	15327.7	14456.6	13501.1	12486.9
-10°	15285.0	15730.8	16037.6	16107.5	16037.6	15730.8	15285.0	14638.1	13850.9	12964.2	12013.8
-12.5°	14409.0	14839.4	15117.1	15166.6	15117.1	14839.4	14409.0	13823.1	13134.6	12298.8	11436.2
-15°	13443.2	13858.4	14090.8	14176.0	14090.8	13858.4	13443.2	12902.3	12264.7	11540.7	10761.5
-17.5°	12423.3	12807.2	13003.8	13048.9	13003.8	12807.2	12423.3	11943.6	11372.5	10735.0	10042.9
-20°	11384.4	11693.0	11844.9	11923.2	11844.9	11693.0	11384.4	10958.7	10466.4	9906.2	9300.8



REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10368.5	10626.7	10736.1	10796.1	10736.1	10626.7	10368.5	9993.8	9568.5	9083.2	8539.7
-25°	9378.4	9585.8	9680.2	9764.7	9680.2	9585.8	9378.4	9059.2	8681.4	8255.3	7769.3
-27.5°	8424.1	8591.5	8673.9	8728.2	8673.9	8591.5	8424.1	8150.9	7812.5	7441.2	7016.9
-30°	7507.0	7641.2	7707.1	7738.8	7707.1	7641.2	7507.0	7273.0	6977.0	6648.5	6278.6
-32.5°	6625.6	6742.6	6805.6	6870.6	6805.6	6742.6	6625.6	6429.7	6172.7	5877.6	5550.3
-35°	5781.7	5887.9	5945.8	5978.2	5945.8	5887.9	5781.7	5613.2	5389.7	5126.9	4828.5
-37.5°	4959.7	5061.1	5122.8	5164.7	5122.8	5061.1	4959.7	4809.7	4614.3	4381.4	4107.0
-40°	4154.0	4250.6	4313.9	4357.7	4313.9	4250.6	4154.0	4016.3	3841.8	3629.0	3396.9
-42.5°	3380.5	3460.9	3510.1	3529.0	3510.1	3460.9	3380.5	3267.8	3123.6	2945.1	2757.8
-45°	2713.9	2765.7	2800.9	2821.4	2800.9	2765.7	2713.9	2640.0	2539.8	2415.5	2274.3
-47.5°	2215.7	2249.6	2274.8	2292.3	2274.8	2249.6	2215.7	2165.6	2096.3	2009.8	1910.3
-50°	1833.2	1858.8	1875.1	1881.8	1875.1	1858.8	1833.2	1795.8	1746.0	1684.4	1613.2
-52.5°	1527.5	1545.4	1558.8	1566.9	1558.8	1545.4	1527.5	1501.4	1467.0	1422.7	1369.1
-55°	1292.7	1307.4	1314.0	1313.2	1314.0	1307.4	1292.7	1271.7	1244.3	1209.7	1170.5
-57.5°	1092.7	1103.7	1109.6	1110.5	1109.6	1103.7	1092.7	1077.3	1058.0	1034.3	1006.2
-60°	930.1	936.8	941.1	942.2	941.1	936.8	930.1	919.8	906.0	887.5	865.3
-62.5°	787.5	794.0	797.2	796.8	797.2	794.0	787.5	777.9	765.3	750.5	735.0
-65°	637.5	638.8	641.4	642.6	641.4	638.8	637.5	634.0	628.3	621.7	612.9
-67.5°	525.4	525.0	526.3	526.5	526.3	525.0	525.4	524.2	521.2	515.9	507.8
-70°	427.4	426.3	422.6	416.9	422.6	426.3	427.4	427.8	428.3	427.2	421.7
-72.5°	316.9	302.3	287.6	271.6	287.6	302.3	316.9	330.9	344.8	354.4	351.4
-75°	229.5	205.6	197.6	190.0	197.6	205.6	229.5	252.6	274.8	291.7	289.6
-77.5°	168.3	145.5	138.9	132.6	138.9	145.5	168.3	190.1	210.8	227.6	226.8
-80°	114.7	98.1	94.9	91.8	94.9	98.1	114.7	130.7	146.1	159.7	161.4
-82.5°	72.0	59.8	57.9	56.1	57.9	59.8	72.0	83.7	94.9	104.8	104.0
-85°	33.3	27.9	27.4	26.8	27.4	27.9	33.3	38.6	43.5	48.0	47.0
-87.5°	5.7	5.1	4.4	3.8	4.4	5.1	5.7	6.3	6.8	7.3	7.6
-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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-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°	7.8	7.9	8.1	8.5	8.8	9.2	9.4	9.1	8.8	8.5	8.1
85°	45.8	44.5	43.1	43.1	42.9	42.4	41.4	37.2	33.1	29.2	25.9
82.5°	102.7	100.9	98.6	95.2	91.7	88.3	84.3	75.3	66.7	58.5	51.7
80°	162.3	162.3	160.8	154.5	147.9	141.0	132.7	118.5	104.8	92.1	83.1
77.5°	225.7	224.2	221.0	212.6	204.1	195.4	184.6	166.2	147.9	130.3	118.8
75°	287.0	283.7	278.2	267.9	256.7	244.6	231.6	215.7	197.5	176.9	161.9
72.5°	347.5	342.7	335.5	324.5	312.1	299.0	285.3	269.7	251.9	231.7	216.4
70°	415.1	407.4	397.6	385.2	372.2	358.4	344.2	328.3	309.8	289.6	273.6
67.5°	497.7	485.6	471.8	457.0	442.9	426.5	409.7	391.6	372.8	351.6	331.4
65°	600.5	584.3	565.9	549.9	530.9	508.4	483.2	461.2	439.4	415.5	389.1
62.5°	719.0	703.1	677.6	651.4	626.1	600.4	569.8	539.0	509.3	479.3	448.4
60°	840.1	811.5	783.9	753.9	721.5	686.7	653.2	618.0	581.2	545.2	508.2
57.5°	973.6	938.4	902.3	863.6	822.4	782.9	742.0	698.3	656.5	612.9	568.7
55°	1126.9	1084.4	1038.2	987.6	935.4	888.4	838.5	788.4	737.6	682.7	633.9
52.5°	1308.7	1255.7	1196.5	1130.9	1069.6	1007.4	942.4	885.6	823.6	762.5	701.8
50°	1540.4	1465.2	1383.7	1301.0	1225.0	1142.9	1066.6	991.8	916.8	846.0	775.4
47.5°	1817.9	1718.4	1607.0	1504.3	1403.5	1301.7	1207.9	1109.0	1023.0	933.9	855.3
45°	2155.3	2022.8	1879.6	1749.2	1607.6	1484.7	1365.0	1251.2	1138.2	1037.7	937.4
42.5°	2586.6	2393.6	2211.8	2038.7	1860.3	1698.7	1539.3	1404.5	1271.8	1147.4	1034.3
40°	3141.3	2860.1	2626.7	2378.3	2162.3	1945.9	1755.3	1568.5	1417.8	1270.3	1132.4
37.5°	3796.3	3467.1	3133.8	2793.9	2512.7	2240.7	1995.4	1775.4	1570.4	1402.7	1243.6
35°	4488.8	4117.1	3717.9	3319.6	2909.1	2579.7	2268.0	1996.8	1757.6	1541.4	1358.0
32.5°	5179.9	4771.7	4332.3	3877.9	3416.6	2955.6	2581.4	2245.6	1946.3	1700.1	1483.0
30°	5870.6	5422.6	4941.3	4445.1	3939.0	3421.5	2911.0	2518.7	2167.4	1858.5	1608.8
27.5°	6563.6	6078.1	5551.3	5005.4	4459.9	3895.6	3329.9	2800.5	2390.2	2041.1	1746.9
25°	7257.3	6714.4	6148.9	5554.6	4959.8	4359.9	3735.0	3144.8	2640.0	2223.8	1874.2
22.5°	7953.1	7343.5	6713.0	6074.7	5435.2	4794.2	4140.0	3482.1	2876.6	2409.5	2023.1
20°	8640.6	7956.0	7265.8	6573.9	5884.5	5199.0	4515.2	3812.9	3154.8	2601.9	2162.2
17.5°	9302.8	8542.3	7793.0	7042.9	6305.5	5578.7	4851.5	4118.0	3403.3	2773.0	2285.0
15°	9933.6	9103.7	8290.0	7484.5	6688.7	5908.2	5149.3	4386.0	3629.3	2951.6	2419.6
12.5°	10528.6	9623.0	8736.6	7862.3	7016.8	6198.7	5409.7	4621.2	3842.1	3125.6	2539.5
10°	11036.9	10065.2	9111.2	8189.2	7300.8	6445.8	5624.6	4820.2	4024.5	3270.4	2637.6
7.5°	11450.2	10420.9	9414.8	8447.6	7523.5	6642.5	5790.5	4973.0	4168.9	3383.5	2713.4
5°	11752.2	10682.5	9639.8	8639.0	7677.8	6785.6	5907.6	5077.4	4273.6	3464.0	2766.3
2.5°	11939.5	10840.7	9773.6	8755.3	7767.7	6871.6	5975.5	5140.5	4333.3	3508.2	2799.6
0°	11974.2	10914.7	9815.7	8767.7	7819.2	6897.4	5993.5	5163.5	4348.8	3517.5	2810.0
-2.5°	11939.5	10840.7	9773.6	8755.3	7767.7	6871.6	5975.5	5140.5	4333.3	3508.2	2799.6
-5°	11752.2	10682.5	9639.8	8639.0	7677.8	6785.6	5907.6	5077.4	4273.6	3464.0	2766.3
-7.5°	11450.2	10420.9	9414.8	8447.6	7523.5	6642.5	5790.5	4973.0	4168.9	3383.5	2713.4
-10°	11036.9	10065.2	9111.2	8189.2	7300.8	6445.8	5624.6	4820.2	4024.5	3270.4	2637.6
-12.5°	10528.6	9623.0	8736.6	7862.3	7016.8	6198.7	5409.7	4621.2	3842.1	3125.6	2539.5
-15°	9933.6	9103.7	8290.0	7484.5	6688.7	5908.2	5149.3	4386.0	3629.3	2951.6	2419.6
-17.5°	9302.8	8542.3	7793.0	7042.9	6305.5	5578.7	4851.5	4118.0	3403.3	2773.0	2285.0
-20°	8640.6	7956.0	7265.8	6573.9	5884.5	5199.0	4515.2	3812.9	3154.8	2601.9	2162.2



REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7953.1	7343.5	6713.0	6074.7	5435.2	4794.2	4140.0	3482.1	2876.6	2409.5	2023.1
-25°	7257.3	6714.4	6148.9	5554.6	4959.8	4359.9	3735.0	3144.8	2640.0	2223.8	1874.2
-27.5°	6563.6	6078.1	5551.3	5005.4	4459.9	3895.6	3329.9	2800.5	2390.2	2041.1	1746.9
-30°	5870.6	5422.6	4941.3	4445.1	3939.0	3421.5	2911.0	2518.7	2167.4	1858.5	1608.8
-32.5°	5179.9	4771.7	4332.3	3877.9	3416.6	2955.6	2581.4	2245.6	1946.3	1700.1	1483.0
-35°	4488.8	4117.1	3717.9	3319.6	2909.1	2579.7	2268.0	1996.8	1757.6	1541.4	1358.0
-37.5°	3796.3	3467.1	3133.8	2793.9	2512.7	2240.7	1995.4	1775.4	1570.4	1402.7	1243.6
-40°	3141.3	2860.1	2626.7	2378.3	2162.3	1945.9	1755.3	1568.5	1417.8	1270.3	1132.4
-42.5°	2586.6	2393.6	2211.8	2038.7	1860.3	1698.7	1539.3	1404.5	1271.8	1147.4	1034.3
-45°	2155.3	2022.8	1879.6	1749.2	1607.6	1484.7	1365.0	1251.2	1138.2	1037.7	937.4
-47.5°	1817.9	1718.4	1607.0	1504.3	1403.5	1301.7	1207.9	1109.0	1023.0	933.9	855.3
-50°	1540.4	1465.2	1383.7	1301.0	1225.0	1142.9	1066.6	991.8	916.8	846.0	775.4
-52.5°	1308.7	1255.7	1196.5	1130.9	1069.6	1007.4	942.4	885.6	823.6	762.5	701.8
-55°	1126.9	1084.4	1038.2	987.6	935.4	888.4	838.5	788.4	737.6	682.7	633.9
-57.5°	973.6	938.4	902.3	863.6	822.4	782.9	742.0	698.3	656.5	612.9	568.7
-60°	840.1	811.5	783.9	753.9	721.5	686.7	653.2	618.0	581.2	545.2	508.2
-62.5°	719.0	703.1	677.6	651.4	626.1	600.4	569.8	539.0	509.3	479.3	448.4
-65°	600.5	584.3	565.9	549.9	530.9	508.4	483.2	461.2	439.4	415.5	389.1
-67.5°	497.7	485.6	471.8	457.0	442.9	426.5	409.7	391.6	372.8	351.6	331.4
-70°	415.1	407.4	397.6	385.2	372.2	358.4	344.2	328.3	309.8	289.6	273.6
-72.5°	347.5	342.7	335.5	324.5	312.1	299.0	285.3	269.7	251.9	231.7	216.4
-75°	287.0	283.7	278.2	267.9	256.7	244.6	231.6	215.7	197.5	176.9	161.9
-77.5°	225.7	224.2	221.0	212.6	204.1	195.4	184.6	166.2	147.9	130.3	118.8
-80°	162.3	162.3	160.8	154.5	147.9	141.0	132.7	118.5	104.8	92.1	83.1
-82.5°	102.7	100.9	98.6	95.2	91.7	88.3	84.3	75.3	66.7	58.5	51.7
-85°	45.8	44.5	43.1	43.1	42.9	42.4	41.4	37.2	33.1	29.2	25.9
-87.5°	7.8	7.9	8.1	8.5	8.8	9.2	9.4	9.1	8.8	8.5	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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-WR-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°	9.1	9.8	10.5	11.0	11.3	11.5	11.5	11.3	10.9	10.2	9.5
85°	27.0	27.6	27.5	26.6	24.9	23.0	23.0	22.7	21.7	20.5	19.0
82.5°	53.7	55.4	56.3	55.9	52.4	48.8	44.9	40.8	36.4	31.4	28.4
80°	86.2	88.2	88.8	87.3	81.1	74.5	68.8	62.9	57.1	50.5	43.2
77.5°	121.4	122.8	123.2	120.9	113.1	104.6	95.4	85.9	77.8	69.6	60.5
75°	159.2	159.6	159.3	155.2	145.6	134.7	123.6	111.7	99.8	88.7	77.8
72.5°	208.2	201.6	196.5	189.9	179.3	167.0	152.9	137.1	122.1	107.9	94.8
70°	259.6	245.4	234.4	224.3	212.6	199.5	183.9	164.1	143.9	126.8	110.8
67.5°	313.2	295.6	277.9	259.5	245.1	230.4	214.6	190.7	166.5	145.3	126.5
65°	365.3	343.6	323.7	299.7	278.7	260.8	242.9	215.9	188.3	163.5	141.8
62.5°	417.8	388.8	363.8	337.8	312.5	290.3	270.2	239.4	209.2	181.0	156.3
60°	471.9	437.8	403.7	373.7	345.2	318.3	293.2	262.2	229.4	197.7	170.1
57.5°	527.8	486.9	447.9	410.6	377.3	346.3	315.3	283.1	249.0	214.6	182.5
55°	584.2	538.1	492.3	449.5	410.0	374.8	338.2	303.2	267.7	231.1	192.4
52.5°	644.9	590.7	539.1	489.1	444.0	402.5	362.7	322.8	285.5	247.0	203.2
50°	709.1	646.5	587.5	531.6	477.6	431.5	386.6	344.3	302.9	262.3	213.3
47.5°	776.5	705.7	638.5	574.5	515.9	459.5	411.6	365.4	319.9	277.4	222.5
45°	850.8	766.5	690.9	620.6	552.5	491.3	436.3	385.7	338.2	288.2	230.8
42.5°	925.4	832.2	745.3	665.3	592.4	523.4	459.9	406.9	355.8	298.1	238.9
40°	1011.5	899.3	799.9	713.3	631.8	554.1	487.1	427.3	372.2	307.9	246.8
37.5°	1095.4	971.6	859.7	759.1	670.7	588.7	513.5	446.7	385.1	318.7	253.9
35°	1194.2	1046.1	916.5	807.6	710.8	621.7	538.2	466.6	399.3	328.9	260.3
32.5°	1290.3	1122.1	980.5	857.2	748.6	652.9	564.5	486.9	413.8	338.7	265.8
30°	1395.8	1204.7	1040.8	903.6	786.1	685.0	591.0	506.0	428.4	348.0	271.2
27.5°	1497.1	1280.8	1099.5	952.8	825.8	715.0	615.4	524.0	443.0	357.6	278.0
25°	1597.6	1363.0	1164.2	999.7	862.2	742.3	637.9	540.7	457.4	368.4	284.0
22.5°	1706.6	1442.6	1222.5	1041.9	895.1	767.2	659.4	559.0	470.6	378.8	289.2
20°	1806.9	1514.5	1274.5	1082.2	927.9	794.1	679.5	575.4	482.4	388.5	293.7
17.5°	1901.4	1587.5	1332.6	1125.8	958.8	817.8	697.1	589.8	492.9	397.4	297.3
15°	2000.7	1660.1	1384.8	1163.6	985.6	838.3	712.3	602.1	501.9	405.4	300.7
12.5°	2085.4	1721.4	1428.7	1195.3	1008.1	855.4	724.9	612.4	509.4	412.3	303.8
10°	2155.2	1771.3	1464.1	1221.0	1026.2	869.2	735.0	620.8	515.7	417.6	305.5
7.5°	2209.6	1809.3	1490.9	1240.5	1040.1	879.9	743.4	627.3	520.5	421.3	305.9
5°	2247.6	1835.9	1510.6	1254.1	1050.6	887.7	749.4	631.6	523.8	423.3	305.0
2.5°	2267.6	1851.0	1522.7	1261.3	1056.7	891.8	752.8	633.7	525.4	423.6	302.9
0°	2270.7	1853.8	1526.1	1262.2	1058.2	892.5	753.5	633.6	525.3	422.0	299.6
-2.5°	2267.6	1851.0	1522.7	1261.3	1056.7	891.8	752.8	633.7	525.4	423.6	302.9
-5°	2247.6	1835.9	1510.6	1254.1	1050.6	887.7	749.4	631.6	523.8	423.3	305.0
-7.5°	2209.6	1809.3	1490.9	1240.5	1040.1	879.9	743.4	627.3	520.5	421.3	305.9
-10°	2155.2	1771.3	1464.1	1221.0	1026.2	869.2	735.0	620.8	515.7	417.6	305.5
-12.5°	2085.4	1721.4	1428.7	1195.3	1008.1	855.4	724.9	612.4	509.4	412.3	303.8
-15°	2000.7	1660.1	1384.8	1163.6	985.6	838.3	712.3	602.1	501.9	405.4	300.7
-17.5°	1901.4	1587.5	1332.6	1125.8	958.8	817.8	697.1	589.8	492.9	397.4	297.3
-20°	1806.9	1514.5	1274.5	1082.2	927.9	794.1	679.5	575.4	482.4	388.5	293.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1706.6	1442.6	1222.5	1041.9	895.1	767.2	659.4	559.0	470.6	378.8	289.2
-25°	1597.6	1363.0	1164.2	999.7	862.2	742.3	637.9	540.7	457.4	368.4	284.0
-27.5°	1497.1	1280.8	1099.5	952.8	825.8	715.0	615.4	524.0	443.0	357.6	278.0
-30°	1395.8	1204.7	1040.8	903.6	786.1	685.0	591.0	506.0	428.4	348.0	271.2
-32.5°	1290.3	1122.1	980.5	857.2	748.6	652.9	564.5	486.9	413.8	338.7	265.8
-35°	1194.2	1046.1	916.5	807.6	710.8	621.7	538.2	466.6	399.3	328.9	260.3
-37.5°	1095.4	971.6	859.7	759.1	670.7	588.7	513.5	446.7	385.1	318.7	253.9
-40°	1011.5	899.3	799.9	713.3	631.8	554.1	487.1	427.3	372.2	307.9	246.8
-42.5°	925.4	832.2	745.3	665.3	592.4	523.4	459.9	406.9	355.8	298.1	238.9
-45°	850.8	766.5	690.9	620.6	552.5	491.3	436.3	385.7	338.2	288.2	230.8
-47.5°	776.5	705.7	638.5	574.5	515.9	459.5	411.6	365.4	319.9	277.4	222.5
-50°	709.1	646.5	587.5	531.6	477.6	431.5	386.6	344.3	302.9	262.3	213.3
-52.5°	644.9	590.7	539.1	489.1	444.0	402.5	362.7	322.8	285.5	247.0	203.2
-55°	584.2	538.1	492.3	449.5	410.0	374.8	338.2	303.2	267.7	231.1	192.4
-57.5°	527.8	486.9	447.9	410.6	377.3	346.3	315.3	283.1	249.0	214.6	182.5
-60°	471.9	437.8	403.7	373.7	345.2	318.3	293.2	262.2	229.4	197.7	170.1
-62.5°	417.8	388.8	363.8	337.8	312.5	290.3	270.2	239.4	209.2	181.0	156.3
-65°	365.3	343.6	323.7	299.7	278.7	260.8	242.9	215.9	188.3	163.5	141.8
-67.5°	313.2	295.6	277.9	259.5	245.1	230.4	214.6	190.7	166.5	145.3	126.5
-70°	259.6	245.4	234.4	224.3	212.6	199.5	183.9	164.1	143.9	126.8	110.8
-72.5°	208.2	201.6	196.5	189.9	179.3	167.0	152.9	137.1	122.1	107.9	94.8
-75°	159.2	159.6	159.3	155.2	145.6	134.7	123.6	111.7	99.8	88.7	77.8
-77.5°	121.4	122.8	123.2	120.9	113.1	104.6	95.4	85.9	77.8	69.6	60.5
-80°	86.2	88.2	88.8	87.3	81.1	74.5	68.8	62.9	57.1	50.5	43.2
-82.5°	53.7	55.4	56.3	55.9	52.4	48.8	44.9	40.8	36.4	31.4	28.4
-85°	27.0	27.6	27.5	26.6	24.9	23.0	23.0	22.7	21.7	20.5	19.0
-87.5°	9.1	9.8	10.5	11.0	11.3	11.5	11.5	11.3	10.9	10.2	9.5
-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: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-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°	8.6	6.7	5.0	3.4	2.1	0.9	0.0
85°	17.1	13.3	9.9	6.9	4.2	1.8	0.0
82.5°	25.5	19.9	14.8	10.3	6.3	2.7	0.0
80°	34.7	26.5	19.7	13.7	8.4	3.6	0.0
77.5°	49.6	34.4	24.5	17.0	10.4	4.5	0.0
75°	64.0	45.0	29.7	20.3	12.4	5.4	0.0
72.5°	78.0	55.3	36.8	23.5	14.4	6.3	0.0
70°	91.3	65.2	43.6	26.9	16.3	7.1	0.0
67.5°	102.8	74.6	50.2	31.0	18.1	7.9	0.0
65°	113.7	83.3	56.4	35.0	19.9	8.7	0.0
62.5°	124.1	91.2	62.3	38.8	21.7	9.5	0.0
60°	133.7	98.6	67.8	42.4	23.3	10.3	0.0
57.5°	142.5	105.5	72.9	45.7	25.3	11.0	0.0
55°	150.5	111.9	77.6	48.8	27.3	11.7	0.0
52.5°	157.9	117.8	82.0	51.6	29.2	12.4	0.0
50°	164.6	123.1	85.9	54.1	31.0	13.0	0.0
47.5°	170.9	128.0	89.5	56.5	32.7	13.6	0.0
45°	177.9	132.3	92.6	58.8	34.3	14.2	0.0
42.5°	184.1	136.0	95.3	60.8	35.8	14.7	0.0
40°	189.6	139.1	97.7	63.0	37.3	15.2	0.0
37.5°	194.3	141.7	99.9	65.3	38.6	15.7	0.0
35°	198.1	144.6	101.7	67.4	39.8	16.1	0.0
32.5°	201.7	147.4	103.0	69.3	41.0	16.5	0.0
30°	205.7	149.5	104.0	71.0	42.0	16.8	0.0
27.5°	208.9	151.0	106.2	72.6	42.9	17.1	0.0
25°	211.4	151.9	108.3	73.9	43.7	17.4	0.0
22.5°	213.2	153.1	110.2	75.0	44.5	17.6	0.0
20°	214.3	155.9	111.8	76.0	45.1	17.8	0.0
17.5°	216.7	158.1	113.2	76.7	45.5	17.9	0.0
15°	219.6	159.9	114.2	77.2	45.9	18.0	0.0
12.5°	221.7	161.2	115.0	77.6	46.2	18.1	0.0
10°	223.0	162.0	115.5	77.7	46.4	18.1	0.0
7.5°	223.5	162.4	115.8	77.7	46.4	18.1	0.0
5°	223.3	162.2	115.7	77.5	46.3	18.0	0.0
2.5°	222.3	161.7	115.3	77.1	46.2	17.9	0.0
0°	220.6	160.6	114.7	76.5	45.9	17.8	0.0
-2.5°	222.3	161.7	115.3	77.1	46.2	17.9	0.0
-5°	223.3	162.2	115.7	77.5	46.3	18.0	0.0
-7.5°	223.5	162.4	115.8	77.7	46.4	18.1	0.0
-10°	223.0	162.0	115.5	77.7	46.4	18.1	0.0
-12.5°	221.7	161.2	115.0	77.6	46.2	18.1	0.0
-15°	219.6	159.9	114.2	77.2	45.9	18.0	0.0
-17.5°	216.7	158.1	113.2	76.7	45.5	17.9	0.0
-20°	214.3	155.9	111.8	76.0	45.1	17.8	0.0

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REPORT NUMBER: P627253 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	213.2	153.1	110.2	75.0	44.5	17.6	0.0
-25°	211.4	151.9	108.3	73.9	43.7	17.4	0.0
-27.5°	208.9	151.0	106.2	72.6	42.9	17.1	0.0
-30°	205.7	149.5	104.0	71.0	42.0	16.8	0.0
-32.5°	201.7	147.4	103.0	69.3	41.0	16.5	0.0
-35°	198.1	144.6	101.7	67.4	39.8	16.1	0.0
-37.5°	194.3	141.7	99.9	65.3	38.6	15.7	0.0
-40°	189.6	139.1	97.7	63.0	37.3	15.2	0.0
-42.5°	184.1	136.0	95.3	60.8	35.8	14.7	0.0
-45°	177.9	132.3	92.6	58.8	34.3	14.2	0.0
-47.5°	170.9	128.0	89.5	56.5	32.7	13.6	0.0
-50°	164.6	123.1	85.9	54.1	31.0	13.0	0.0
-52.5°	157.9	117.8	82.0	51.6	29.2	12.4	0.0
-55°	150.5	111.9	77.6	48.8	27.3	11.7	0.0
-57.5°	142.5	105.5	72.9	45.7	25.3	11.0	0.0
-60°	133.7	98.6	67.8	42.4	23.3	10.3	0.0
-62.5°	124.1	91.2	62.3	38.8	21.7	9.5	0.0
-65°	113.7	83.3	56.4	35.0	19.9	8.7	0.0
-67.5°	102.8	74.6	50.2	31.0	18.1	7.9	0.0
-70°	91.3	65.2	43.6	26.9	16.3	7.1	0.0
-72.5°	78.0	55.3	36.8	23.5	14.4	6.3	0.0
-75°	64.0	45.0	29.7	20.3	12.4	5.4	0.0
-77.5°	49.6	34.4	24.5	17.0	10.4	4.5	0.0
-80°	34.7	26.5	19.7	13.7	8.4	3.6	0.0
-82.5°	25.5	19.9	14.8	10.3	6.3	2.7	0.0
-85°	17.1	13.3	9.9	6.9	4.2	1.8	0.0
-87.5°	8.6	6.7	5.0	3.4	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)