

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: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626972 (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-SA2D-730-U-WR-VSR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
 Light Source: (32) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

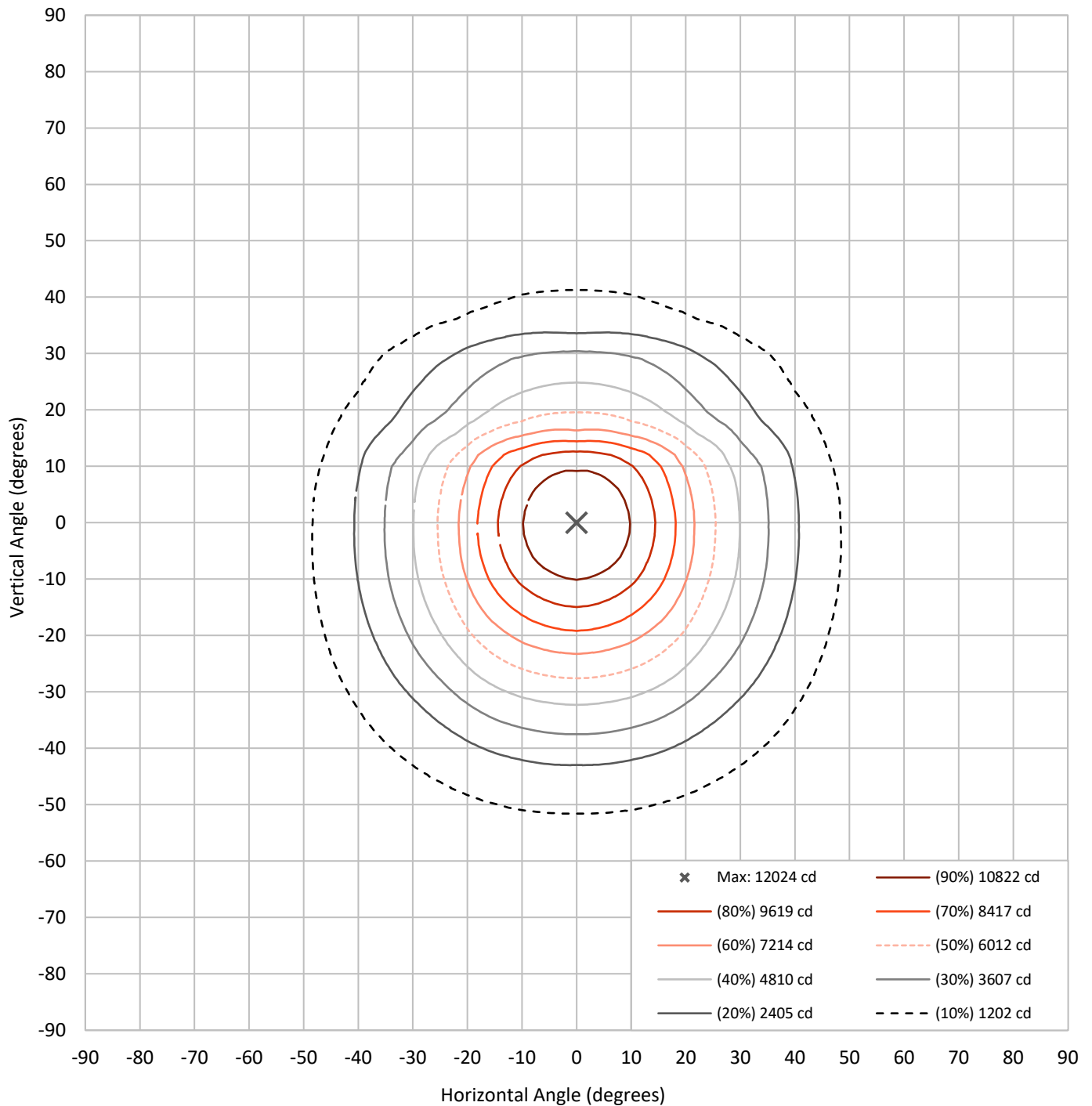
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10607.8 lumens	Max Intensity:	12024 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5107.2 lumens	Field Lumens:	9497.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	108.7		
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		



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





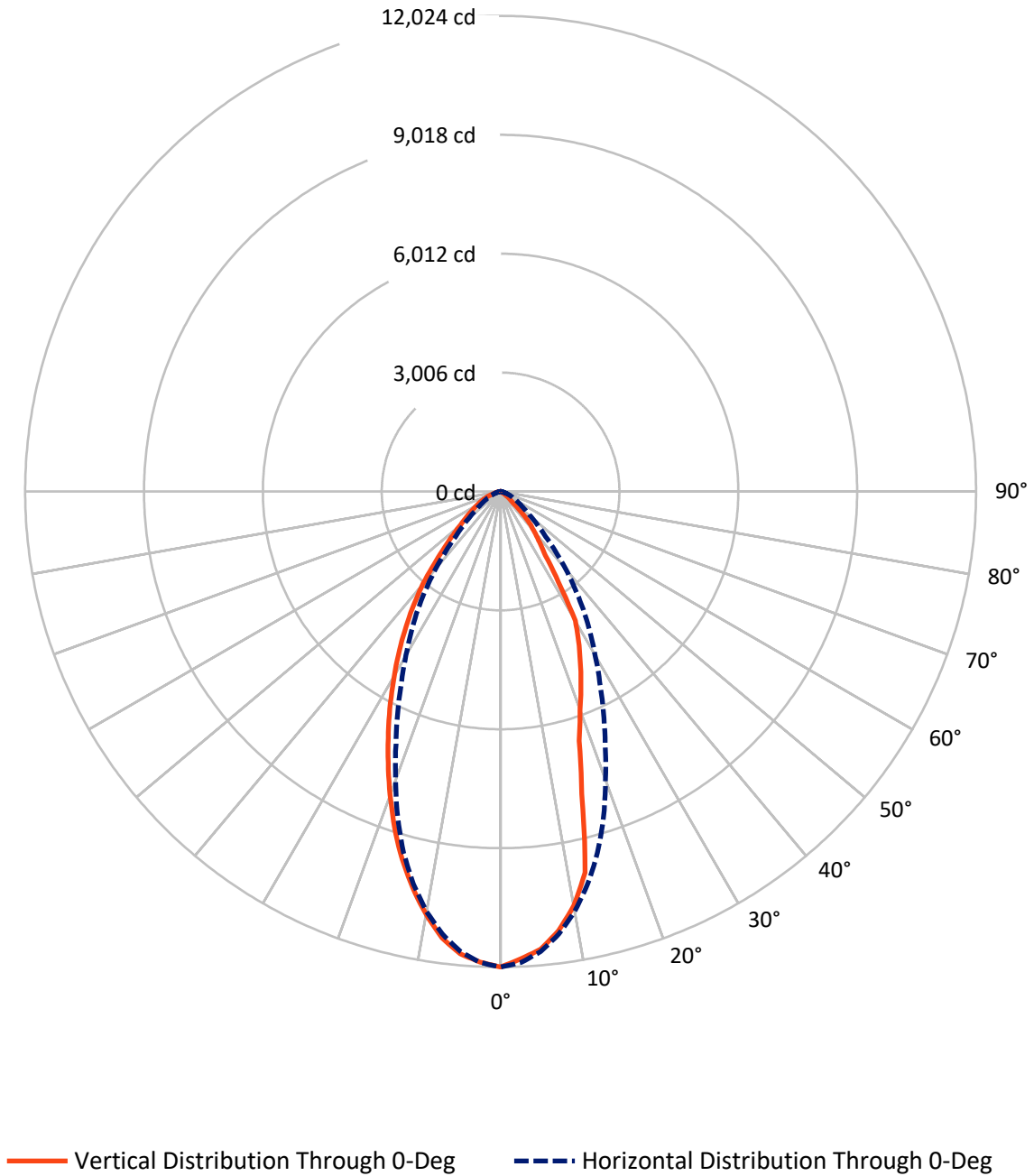
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Lumen Table

90																			
80	0.0	0.0		0.1	0.0		0.0		0.0		0.1	0.0		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	0.1				
50		0.2	0.6	1.0	1.7	2.4	3.3	3.8	3.8	3.3	2.4	1.7	1.0	0.6		0.2			
40	0.5	0.8	2.1	4.3	7.9	13.0	18.7	22.9	22.9	18.7	13.0	7.9	4.3	2.1	0.8	0.5			
30		1.6	4.1	9.6	19.8	36.4	55.6	66.9	66.9	55.6	36.4	19.8	9.6	4.1	1.6				
20	1.2	2.5	6.7	17.4	41.2	77.4	117.7	141.9	141.9	117.7	77.4	41.2	17.4	6.7	2.5	1.2			
10		3.4	9.6	27.3	67.8	125.4	195.9	242.2	242.2	195.9	125.4	67.8	27.3	9.6	3.4				
0	1.6	4.0	12.0	35.3	89.0	165.9	266.4	337.7	337.7	266.4	165.9	89.0	35.3	12.0	4.0	1.6			
-10		4.2	12.5	36.5	90.3	168.3	269.1	339.9	339.9	269.1	168.3	90.3	36.5	12.5	4.2				
-20	1.8	4.1	11.9	32.5	80.0	147.8	227.8	281.1	281.1	227.8	147.8	80.0	32.5	11.9	4.1	1.8			
-30		3.8	10.3	25.4	59.7	111.4	166.0	199.1	199.1	166.0	111.4	59.7	25.4	10.3	3.8				
-40	1.5	3.3	8.3	18.4	37.6	69.1	104.3	124.1	124.1	104.3	69.1	37.6	18.4	8.3	3.3	1.5			
-50		2.8	6.4	12.7	22.6	36.2	51.9	61.8	61.8	51.9	36.2	22.6	12.7	6.4	2.8				
-60	0.9	2.1	4.7	8.5	13.8	19.8	25.7	29.0	29.0	25.7	19.8	13.8	8.5	4.7	2.1	0.9			
-70		1.5	3.1	5.2	8.0	10.9	13.3	14.6	14.6	13.3	10.9	8.0	5.2	3.1	1.5				
-80	0.3	3.0		7.8	13.9		12.7		13.9		7.8	3.0		0.3					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

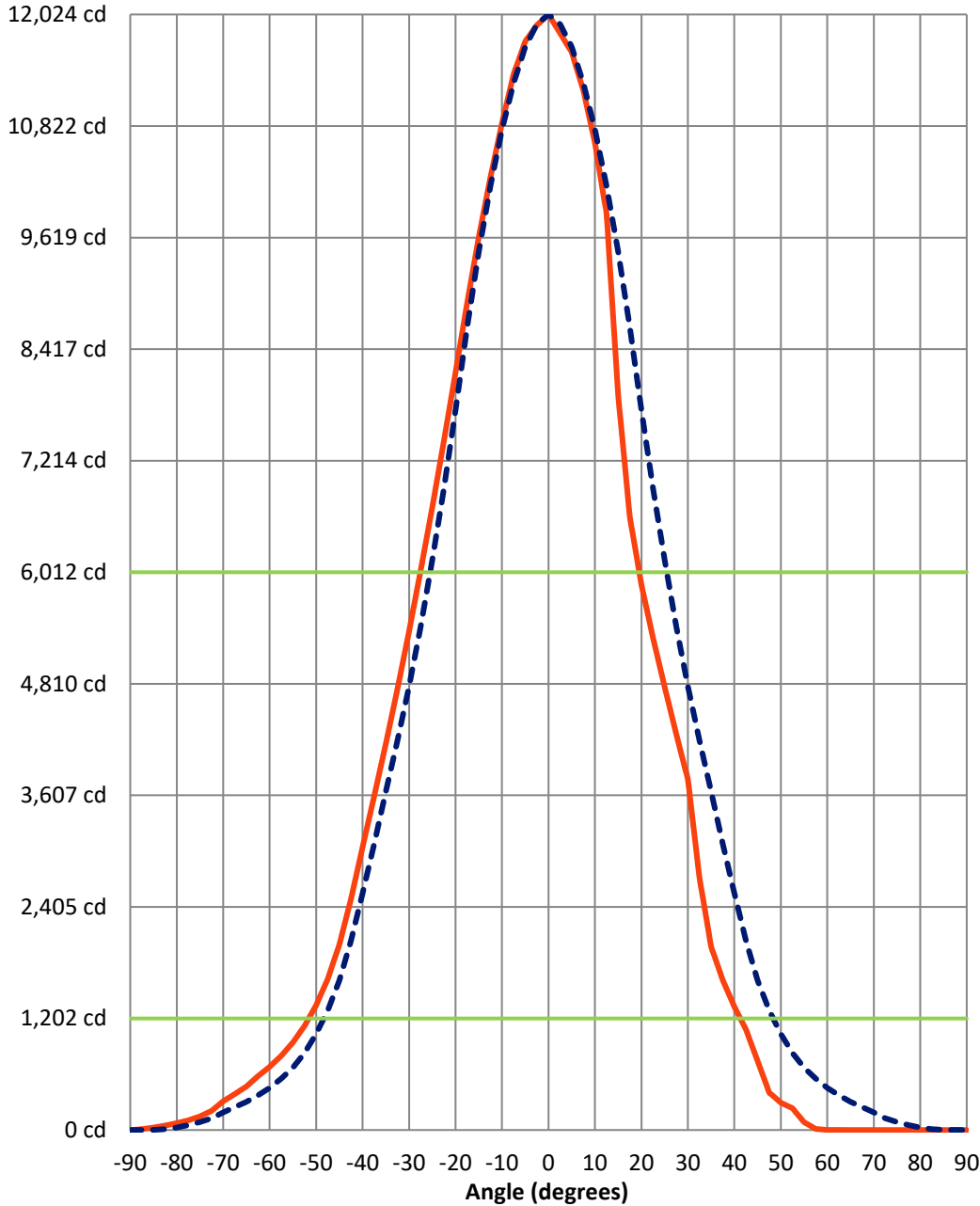
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5107.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 9497.6
 Efficiency: 89.5%

Spill:
 Lumens: 1110.2
 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	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.4	1.7
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.2	1.2	1.7	2.3	3.6
60°	0.0	0.4	0.9	0.9	0.9	1.4	1.4	1.7	2.1	5.7	6.2
57.5°	0.0	0.5	0.9	0.9	1.1	1.6	2.3	2.2	5.6	9.6	10.5
55°	0.0	0.5	0.9	0.9	1.4	1.9	3.6	3.3	10.3	14.5	16.3
52.5°	0.0	0.5	0.9	0.9	1.7	2.4	5.0	8.1	15.3	21.4	23.1
50°	0.0	0.6	1.0	0.9	1.9	3.9	6.6	13.4	21.4	29.2	35.3
47.5°	0.0	0.6	1.0	1.0	2.2	5.5	8.8	18.7	29.4	37.7	47.9
45°	0.0	0.6	1.0	1.2	2.5	7.2	13.4	24.1	37.5	48.9	60.3
42.5°	0.0	0.7	1.0	1.4	2.8	8.9	18.0	30.4	45.5	59.9	74.1
40°	0.0	0.7	1.1	1.7	3.7	10.8	22.6	37.4	53.8	70.6	88.5
37.5°	0.0	0.7	1.1	2.1	5.2	12.8	27.2	44.2	62.8	81.7	103.3
35°	0.0	0.7	1.1	2.5	6.7	15.9	31.7	51.0	71.9	94.9	119.3
32.5°	0.0	0.8	1.2	2.9	8.2	19.5	36.5	57.6	80.9	108.4	137.3
30°	0.0	0.8	1.2	3.4	9.7	23.0	41.9	64.4	90.0	122.2	155.4
27.5°	0.0	0.8	1.2	3.8	11.5	26.4	47.1	71.8	99.9	136.3	173.7
25°	0.0	0.8	1.3	4.3	13.2	29.6	52.1	79.0	111.4	151.2	191.9
22.5°	0.0	0.8	1.3	4.9	14.9	32.8	57.0	86.0	122.7	166.4	210.4
20°	0.0	0.8	1.4	5.4	16.5	35.9	61.6	92.8	133.8	181.2	228.0
17.5°	0.0	0.9	1.4	5.9	18.1	38.8	65.8	99.3	144.7	195.6	244.7
15°	0.0	0.9	1.5	6.5	19.6	41.5	69.7	105.1	155.2	209.5	260.4
12.5°	0.0	0.9	1.5	7.0	21.0	44.0	73.3	110.0	163.9	222.7	275.2
10°	0.0	0.9	1.5	7.5	22.3	46.3	76.5	114.3	170.9	230.6	286.7
7.5°	0.0	0.9	1.6	8.0	23.6	48.4	79.4	118.1	177.0	236.5	292.8
5°	0.0	0.9	1.6	8.5	24.7	50.2	81.9	121.4	182.2	241.3	297.7
2.5°	0.0	0.9	1.7	9.0	25.7	51.8	84.1	124.1	186.5	244.9	301.4
0°	0.0	0.9	1.7	9.4	26.6	53.2	85.9	126.3	189.8	247.4	304.0
-2.5°	0.0	1.0	2.0	10.0	27.8	54.9	88.2	129.9	193.5	251.0	308.0
-5°	0.0	1.0	2.2	10.6	28.9	56.3	90.2	133.0	196.2	253.5	310.9
-7.5°	0.0	1.1	2.5	11.1	29.8	57.5	91.7	135.4	198.0	255.1	312.6
-10°	0.0	1.1	2.7	11.5	30.6	58.3	92.8	137.1	198.7	255.7	313.1
-12.5°	0.0	1.1	2.9	11.9	31.1	58.9	93.4	138.0	198.5	255.3	311.7
-15°	0.0	1.2	3.1	12.2	31.5	59.2	93.6	138.2	197.0	253.1	308.7
-17.5°	0.0	1.2	3.3	12.4	31.7	59.1	93.4	138.0	194.5	250.1	304.5
-20°	0.0	1.2	3.5	12.6	31.6	58.8	93.1	137.3	191.3	246.3	299.1

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Scaled Data Report



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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	1.3	3.7	12.6	31.4	58.2	93.2	136.1	187.5	241.8	292.6
-25°	0.0	1.3	3.8	12.6	30.9	57.9	92.7	134.2	183.2	236.7	285.0
-27.5°	0.0	1.3	3.9	12.6	30.2	57.7	91.9	131.9	178.4	230.8	277.9
-30°	0.0	1.3	4.0	12.4	29.3	57.1	90.5	128.9	174.2	224.0	270.4
-32.5°	0.0	1.3	4.1	12.1	29.0	56.1	88.7	126.5	170.1	217.0	262.3
-35°	0.0	1.3	4.1	11.8	28.4	54.7	86.9	123.9	165.4	209.8	253.7
-37.5°	0.0	1.3	4.1	11.3	27.5	53.3	85.0	120.7	160.1	202.3	243.6
-40°	0.0	1.3	4.1	10.8	26.4	52.0	82.5	116.9	154.3	195.4	232.8
-42.5°	0.0	1.3	4.1	10.3	25.6	50.4	79.6	112.7	149.0	186.4	221.2
-45°	0.0	1.3	4.0	9.9	25.1	48.4	76.2	108.2	143.5	176.8	209.2
-47.5°	0.0	1.2	3.9	9.3	24.4	46.1	72.4	103.7	137.3	166.9	198.2
-50°	0.0	1.2	3.8	9.2	23.3	43.5	69.0	98.6	129.2	157.8	186.8
-52.5°	0.0	1.2	3.7	9.0	22.0	40.6	65.4	92.9	121.2	148.3	175.2
-55°	0.0	1.1	3.5	8.8	20.5	38.2	61.3	86.9	112.9	138.4	164.2
-57.5°	0.0	1.0	3.3	8.4	18.7	35.6	56.9	81.5	104.2	128.4	152.9
-60°	0.0	1.0	3.1	8.0	16.8	32.6	52.2	75.0	95.3	118.1	141.3
-62.5°	0.0	0.9	2.9	7.4	15.6	29.3	47.6	67.8	86.4	107.3	129.2
-65°	0.0	0.9	2.7	6.8	14.3	25.7	42.6	60.2	77.0	96.0	116.7
-67.5°	0.0	0.8	2.5	6.0	12.8	22.5	37.1	52.6	67.1	84.1	102.9
-70°	0.0	0.7	2.2	5.2	11.1	19.8	31.3	44.7	57.7	71.5	88.0
-72.5°	0.0	0.6	2.0	4.6	9.3	16.8	26.6	36.6	48.0	60.1	72.9
-75°	0.0	0.5	1.7	4.0	7.4	13.6	21.8	29.8	38.1	48.5	59.5
-77.5°	0.0	0.5	1.4	3.4	6.1	10.3	16.9	23.5	30.2	37.4	45.7
-80°	0.0	0.4	1.2	2.7	5.0	7.8	11.7	17.0	22.5	28.4	34.5
-82.5°	0.0	0.3	0.9	2.1	3.8	5.9	8.6	11.4	14.7	19.2	23.9
-85°	0.0	0.2	0.6	1.4	2.5	4.0	5.8	7.6	9.7	12.0	14.5
-87.5°	0.0	0.1	0.3	0.7	1.3	2.0	2.9	3.8	4.9	6.0	7.3
-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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CATALOG NUMBER: GFLD-SA2D-730-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.2	1.3	0.9	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.6	1.9	3.0	2.3	0.9	1.7	2.0	1.4	1.1	1.2
60°	3.8	2.6	6.6	9.2	6.0	3.2	3.9	7.8	6.4	1.7	4.6
57.5°	7.6	9.3	16.6	17.5	13.4	9.1	19.9	22.0	18.3	11.5	16.6
55°	15.8	22.2	28.1	27.7	27.9	35.1	41.3	40.5	35.7	49.2	62.0
52.5°	29.9	36.5	40.4	44.0	54.1	60.8	62.7	66.5	80.5	97.2	100.2
50°	43.9	50.7	55.8	68.9	79.2	84.5	89.4	102.2	123.4	134.9	136.7
47.5°	58.0	65.7	79.2	93.5	103.4	111.4	119.9	149.0	172.7	182.4	186.0
45°	72.8	86.0	102.9	117.6	129.1	139.9	167.5	207.3	223.9	238.9	277.1
42.5°	88.1	108.1	127.0	142.5	155.4	178.0	216.4	254.9	278.7	310.6	356.8
40°	107.7	130.0	152.0	167.7	183.9	218.1	265.6	306.4	331.6	374.4	427.0
37.5°	127.5	153.7	177.4	194.0	216.7	262.9	318.8	367.7	398.9	433.7	518.2
35°	147.2	177.8	202.2	224.3	252.5	316.1	385.0	439.4	478.0	537.7	644.6
32.5°	168.1	202.3	227.3	257.4	303.6	374.8	459.5	519.8	583.8	669.7	840.9
30°	190.4	225.3	254.0	290.2	352.2	435.2	533.5	609.4	696.2	835.7	1020.3
27.5°	212.6	248.2	283.5	329.6	397.6	487.4	590.0	709.6	821.8	977.9	1179.6
25°	234.0	271.6	312.5	368.2	441.7	535.7	647.7	785.6	932.2	1110.6	1347.5
22.5°	254.4	295.3	343.2	403.0	478.9	581.6	715.1	877.1	1053.3	1238.1	1510.3
20°	274.4	321.8	376.7	443.6	513.2	623.8	781.1	977.3	1198.0	1451.2	1718.0
17.5°	294.2	347.9	411.3	485.7	570.0	683.2	848.7	1082.3	1350.9	1680.5	2008.9
15°	313.5	373.6	444.8	527.3	627.3	762.7	950.6	1207.3	1531.8	1926.5	2315.5
12.5°	332.3	398.4	477.0	567.9	682.9	837.4	1046.6	1323.6	1695.4	2167.0	2644.9
10°	350.3	422.3	507.5	607.1	736.2	907.0	1131.5	1424.1	1818.9	2304.8	2836.3
7.5°	359.4	438.4	533.5	644.4	786.4	970.9	1205.4	1509.1	1915.3	2415.6	2948.6
5°	366.0	445.8	543.3	659.3	814.0	1014.4	1261.9	1578.6	1986.4	2499.0	3024.6
2.5°	371.0	451.1	550.4	667.7	824.9	1028.8	1280.5	1602.8	2024.5	2542.5	3068.9
0°	374.5	454.3	554.8	672.5	830.5	1035.8	1289.1	1612.9	2040.7	2552.5	3085.0
-2.5°	378.2	458.7	559.4	680.0	838.4	1045.3	1298.6	1620.1	2052.8	2555.3	3093.8
-5°	380.2	461.1	561.2	683.6	840.9	1047.1	1297.9	1613.3	2043.1	2535.3	3074.9
-7.5°	380.8	461.4	560.2	682.8	837.7	1039.0	1284.2	1593.2	2009.8	2494.7	3028.4
-10°	379.9	459.4	556.5	676.7	828.3	1022.2	1259.7	1558.3	1955.1	2427.7	2949.9
-12.5°	377.1	455.1	549.9	666.5	813.1	998.2	1225.1	1508.5	1879.0	2334.5	2839.3
-15°	372.7	448.7	540.3	652.5	792.1	967.3	1180.7	1443.9	1781.1	2216.1	2701.6
-17.5°	366.5	440.2	527.8	634.7	765.4	929.8	1127.0	1368.4	1675.6	2083.9	2548.5
-20°	358.7	429.6	512.3	613.0	734.5	890.3	1077.2	1301.5	1576.8	1932.6	2367.8



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	349.2	417.0	495.9	592.2	707.1	849.3	1021.5	1225.6	1466.0	1757.8	2170.6
-25°	339.4	404.9	480.0	569.1	675.8	802.8	957.7	1143.7	1361.4	1628.5	1969.8
-27.5°	329.8	391.1	461.6	542.5	640.8	754.9	897.8	1067.3	1261.3	1488.4	1766.4
-30°	318.9	375.6	441.3	514.5	607.2	713.1	836.6	981.8	1154.4	1359.6	1601.3
-32.5°	307.0	358.9	421.6	490.4	571.2	667.7	774.5	905.8	1055.9	1225.3	1434.1
-35°	295.2	344.7	401.4	464.3	532.6	622.9	721.1	830.0	957.7	1107.6	1274.7
-37.5°	283.9	329.2	379.8	438.5	502.5	577.5	664.2	762.6	872.5	991.7	1136.1
-40°	271.2	312.5	360.4	413.5	470.1	535.1	613.3	696.8	791.4	896.4	1007.8
-42.5°	257.5	297.2	340.8	386.6	438.6	496.6	561.5	637.9	716.4	804.4	901.6
-45°	244.0	280.5	320.4	362.2	405.9	457.2	516.1	579.6	649.3	721.0	802.8
-47.5°	229.8	263.1	300.3	336.7	375.4	419.2	469.2	526.8	584.9	648.8	712.1
-50°	215.5	246.8	278.1	312.1	346.8	383.2	425.4	475.2	528.1	581.1	636.8
-52.5°	202.8	229.8	258.1	287.3	318.9	351.3	386.5	427.5	473.8	520.5	568.5
-55°	189.8	214.7	238.1	264.2	291.5	320.7	352.1	386.6	421.5	464.1	505.4
-57.5°	177.1	199.2	219.5	241.8	266.1	290.9	319.2	348.5	380.2	412.3	446.2
-60°	164.4	183.2	201.6	220.8	241.3	263.3	286.0	311.8	339.0	366.9	396.2
-62.5°	151.2	166.4	182.7	200.3	218.3	235.2	254.3	275.4	297.8	321.8	346.6
-65°	136.5	149.1	162.6	178.0	194.9	208.6	223.2	239.0	257.5	277.3	296.8
-67.5°	120.7	131.9	143.0	154.4	168.0	180.3	192.3	204.9	218.7	234.9	250.5
-70°	103.2	114.4	124.1	133.6	142.2	151.0	161.2	171.1	182.2	196.7	211.0
-72.5°	85.4	95.9	105.1	113.1	119.2	124.4	130.7	137.9	148.6	162.1	174.6
-75°	69.1	77.5	86.1	93.9	97.8	99.4	100.7	104.5	115.3	129.1	141.3
-77.5°	53.8	61.1	68.2	74.9	77.7	78.8	79.3	79.3	87.2	99.0	111.3
-80°	39.6	44.7	50.6	56.4	58.1	58.6	58.7	58.4	64.9	73.3	82.4
-82.5°	27.5	31.2	35.0	38.9	39.4	39.2	38.6	38.1	43.3	49.4	55.7
-85°	16.0	17.6	19.9	22.3	22.5	22.4	22.0	21.4	24.3	27.6	31.1
-87.5°	8.0	8.8	9.6	10.3	10.1	9.7	9.1	8.5	9.3	10.2	11.1
-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: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.1	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	4.9	2.8	2.8	3.6	3.1	1.4	2.8	3.6	3.3	2.5	2.2
57.5°	24.7	20.6	14.4	24.1	24.9	17.3	18.8	24.5	23.8	18.4	18.3
55°	62.1	63.0	67.6	73.7	78.3	80.4	82.2	91.5	101.3	111.0	115.8
52.5°	102.6	114.6	129.5	139.4	146.3	160.4	180.2	189.3	198.2	208.2	215.5
50°	151.1	172.0	187.0	189.2	212.7	227.9	231.5	248.6	267.2	278.8	287.1
47.5°	224.8	251.2	264.2	272.6	301.2	332.6	332.7	342.5	389.0	413.3	425.0
45°	323.8	345.8	368.9	428.9	484.0	501.5	539.0	589.8	622.7	668.1	718.0
42.5°	408.1	449.4	507.2	573.3	628.6	674.6	730.3	791.3	864.6	933.5	993.0
40°	491.5	542.6	614.3	686.1	755.8	819.6	909.3	987.7	1074.2	1169.0	1248.0
37.5°	600.3	665.8	739.8	830.4	938.8	1009.6	1133.0	1245.8	1343.2	1457.7	1528.2
35°	767.5	852.8	918.3	1101.6	1233.4	1316.3	1462.4	1647.6	1718.8	1862.9	1931.3
32.5°	977.7	1091.1	1263.6	1506.2	1682.3	1834.7	2053.1	2241.1	2401.3	2546.1	2696.7
30°	1213.9	1388.8	1643.1	1965.5	2144.3	2357.9	2653.2	2876.1	3127.4	3403.3	3499.9
27.5°	1428.2	1690.2	1985.5	2246.6	2503.4	2769.4	3059.6	3346.0	3618.0	3847.5	4001.5
25°	1626.8	1944.1	2231.1	2510.1	2788.5	3088.0	3416.2	3741.0	4040.3	4276.4	4456.0
22.5°	1831.7	2167.0	2474.0	2757.1	3080.8	3420.3	3769.3	4141.8	4482.4	4727.5	4923.1
20°	2024.4	2397.2	2747.4	3069.7	3375.8	3767.6	4169.6	4564.7	4935.6	5227.5	5453.0
17.5°	2330.1	2653.8	3081.8	3500.6	3845.3	4205.3	4742.4	5150.2	5561.8	5911.4	6150.5
15°	2705.7	3061.6	3503.5	4078.6	4551.0	4963.4	5518.3	6181.7	6667.2	7113.5	7419.5
12.5°	3081.5	3484.1	3962.1	4609.3	5281.8	5767.7	6440.8	7281.4	7847.0	8537.9	8878.4
10°	3369.6	3875.1	4367.3	4957.9	5603.9	6295.7	7021.3	7807.8	8563.4	9156.6	9687.0
7.5°	3485.5	4024.0	4593.8	5196.4	5842.3	6556.3	7329.7	8148.0	8925.7	9588.3	10171.1
5°	3572.2	4123.9	4697.5	5313.7	6004.2	6749.8	7534.6	8393.9	9188.0	9898.2	10494.5
2.5°	3627.3	4184.2	4755.3	5381.8	6108.0	6875.7	7685.8	8567.8	9373.9	10105.0	10699.3
0°	3648.4	4197.2	4782.1	5427.1	6146.0	6915.5	7760.7	8653.0	9465.5	10172.3	10783.8
-2.5°	3651.3	4185.1	4783.9	5425.8	6113.6	6890.4	7745.6	8630.5	9426.5	10130.5	10747.5
-5°	3622.7	4156.2	4755.6	5387.7	6076.5	6847.4	7666.0	8521.1	9280.2	9965.4	10559.4
-7.5°	3564.6	4096.7	4682.7	5300.3	5970.6	6718.4	7504.6	8299.6	9044.3	9701.5	10268.4
-10°	3478.3	3999.2	4565.0	5166.8	5801.0	6512.2	7261.9	8021.5	8719.9	9327.6	9851.8
-12.5°	3361.6	3870.4	4410.8	4985.3	5575.6	6253.7	6961.6	7674.9	8311.4	8866.2	9336.6
-15°	3210.0	3706.9	4230.2	4773.5	5345.9	5959.2	6594.4	7248.7	7835.8	8327.8	8757.5
-17.5°	3031.4	3513.4	4010.2	4513.9	5057.0	5632.4	6222.1	6809.5	7310.2	7747.2	8140.2
-20°	2832.2	3296.7	3768.6	4238.2	4730.9	5263.0	5807.7	6323.6	6761.2	7158.3	7517.9



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	2609.0	3053.5	3505.9	3945.3	4389.7	4871.5	5357.9	5824.5	6233.7	6573.4	6885.9
-25°	2370.0	2780.7	3207.9	3619.9	4028.9	4460.7	4902.5	5331.8	5692.0	5986.9	6245.1
-27.5°	2129.2	2504.5	2880.9	3268.7	3646.7	4045.2	4445.2	4815.9	5139.4	5410.9	5627.9
-30°	1876.0	2211.6	2555.3	2906.2	3267.2	3631.8	3993.2	4317.8	4600.2	4839.1	5026.5
-32.5°	1665.7	1920.6	2224.1	2542.6	2881.0	3213.2	3527.5	3823.5	4089.5	4298.1	4457.1
-35°	1464.1	1679.9	1907.2	2189.2	2479.9	2785.6	3074.8	3338.8	3576.0	3758.2	3907.8
-37.5°	1290.7	1461.5	1653.6	1855.0	2098.7	2351.4	2612.4	2860.8	3072.2	3231.2	3364.8
-40°	1140.7	1275.5	1429.0	1588.7	1768.0	1949.5	2176.8	2386.4	2559.0	2707.6	2828.6
-42.5°	1005.0	1118.8	1232.2	1363.1	1498.4	1644.4	1803.8	1958.8	2091.3	2215.7	2318.5
-45°	888.0	978.8	1069.2	1170.3	1269.6	1388.3	1502.3	1603.9	1711.3	1804.4	1877.7
-47.5°	785.6	856.4	933.9	1009.6	1089.3	1178.7	1263.5	1340.9	1419.5	1487.6	1542.2
-50°	694.6	753.3	816.6	876.0	940.6	1005.9	1068.6	1130.2	1189.9	1241.7	1282.0
-52.5°	614.9	666.2	715.5	762.9	814.2	862.6	908.0	958.8	1005.5	1046.3	1073.9
-55°	547.2	589.1	629.4	668.9	707.8	744.5	780.7	820.1	856.1	888.6	909.1
-57.5°	483.5	519.2	553.4	585.6	616.4	645.5	676.0	706.3	734.1	758.6	774.5
-60°	425.5	454.6	484.2	510.6	535.4	558.7	584.4	608.6	631.0	649.9	660.9
-62.5°	372.5	398.6	420.4	441.2	462.3	483.3	501.6	519.5	536.8	551.4	561.0
-65°	317.0	339.1	357.7	374.5	389.6	405.9	421.4	435.4	447.9	457.4	463.5
-67.5°	267.3	283.6	298.5	311.8	325.3	338.4	350.3	361.0	370.4	377.0	381.4
-70°	224.2	236.6	248.8	260.9	273.0	283.1	291.8	299.7	307.0	310.0	311.3
-72.5°	186.3	197.4	208.1	218.7	228.7	236.7	243.0	248.9	254.1	249.6	241.7
-75°	152.0	161.7	171.7	181.1	189.9	196.0	200.7	205.1	209.1	199.2	185.7
-77.5°	123.8	132.3	139.7	147.1	154.4	158.2	161.2	164.2	167.0	156.0	142.2
-80°	91.9	98.7	105.0	111.2	117.2	119.6	120.9	121.8	122.3	113.0	102.1
-82.5°	62.1	65.6	69.1	72.7	76.4	78.3	79.8	80.9	81.7	75.0	67.5
-85°	34.8	35.9	36.7	37.4	38.0	39.2	40.4	41.5	42.5	39.3	35.8
-87.5°	12.0	12.0	11.9	11.8	11.7	11.7	11.7	11.7	11.6	11.1	10.5
-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: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.7	1.1	0.9	0.9	0.9	1.1	1.7	2.2	2.5	3.3	3.6
57.5°	17.1	14.9	13.4	12.0	13.4	14.9	17.1	18.3	18.4	23.8	24.5
55°	113.7	105.9	96.3	85.0	96.3	105.9	113.7	115.8	111.0	101.3	91.5
52.5°	223.2	230.6	234.9	234.5	234.9	230.6	223.2	215.5	208.2	198.2	189.3
50°	293.7	297.8	298.0	294.6	298.0	297.8	293.7	287.1	278.8	267.2	248.6
47.5°	430.3	424.7	415.0	404.5	415.0	424.7	430.3	425.0	413.3	389.0	342.5
45°	750.9	768.9	767.8	744.6	767.8	768.9	750.9	718.0	668.1	622.7	589.8
42.5°	1026.2	1053.2	1072.4	1082.2	1072.4	1053.2	1026.2	993.0	933.5	864.6	791.3
40°	1292.5	1318.7	1330.2	1329.5	1330.2	1318.7	1292.5	1248.0	1169.0	1074.2	987.7
37.5°	1573.9	1607.8	1624.2	1616.4	1624.2	1607.8	1573.9	1528.2	1457.7	1343.2	1245.8
35°	1960.9	1992.6	1993.2	1977.1	1993.2	1992.6	1960.9	1931.3	1862.9	1718.8	1647.6
32.5°	2816.3	2826.9	2745.4	2716.6	2745.4	2826.9	2816.3	2696.7	2546.1	2401.3	2241.1
30°	3596.0	3671.2	3741.1	3776.4	3741.1	3671.2	3596.0	3499.9	3403.3	3127.4	2876.1
27.5°	4117.6	4208.1	4264.2	4267.7	4264.2	4208.1	4117.6	4001.5	3847.5	3618.0	3346.0
25°	4592.1	4693.2	4754.3	4775.3	4754.3	4693.2	4592.1	4456.0	4276.4	4040.3	3741.0
22.5°	5089.1	5208.3	5287.3	5303.5	5287.3	5208.3	5089.1	4923.1	4727.5	4482.4	4141.8
20°	5665.8	5804.5	5880.3	5877.2	5880.3	5804.5	5665.8	5453.0	5227.5	4935.6	4564.7
17.5°	6425.1	6573.9	6639.3	6610.6	6639.3	6573.9	6425.1	6150.5	5911.4	5561.8	5150.2
15°	7733.8	8045.0	8043.7	7919.5	8043.7	8045.0	7733.8	7419.5	7113.5	6667.2	6181.7
12.5°	9348.1	9580.0	9818.0	9869.2	9818.0	9580.0	9348.1	8878.4	8537.9	7847.0	7281.4
10°	10133.6	10441.6	10644.9	10639.6	10644.9	10441.6	10133.6	9687.0	9156.6	8563.4	7807.8
7.5°	10625.0	10965.4	11211.7	11206.4	11211.7	10965.4	10625.0	10171.1	9588.3	8925.7	8148.0
5°	11004.3	11381.7	11599.9	11616.1	11599.9	11381.7	11004.3	10494.5	9898.2	9188.0	8393.9
2.5°	11201.3	11595.2	11857.6	11823.1	11857.6	11595.2	11201.3	10699.3	10105.0	9373.9	8567.8
0°	11283.7	11673.6	11918.4	12024.0	11918.4	11673.6	11283.7	10783.8	10172.3	9465.5	8653.0
-2.5°	11247.7	11627.2	11897.7	11908.1	11897.7	11627.2	11247.7	10747.5	10130.5	9426.5	8630.5
-5°	11055.0	11455.4	11636.6	11732.9	11636.6	11455.4	11055.0	10559.4	9965.4	9280.2	8521.1
-7.5°	10744.2	11044.3	11274.4	11380.7	11274.4	11044.3	10744.2	10268.4	9701.5	9044.3	8299.6
-10°	10260.5	10571.1	10765.6	10853.4	10765.6	10571.1	10260.5	9851.8	9327.6	8719.9	8021.5
-12.5°	9724.7	10006.9	10191.9	10265.9	10191.9	10006.9	9724.7	9336.6	8866.2	8311.4	7674.9
-15°	9126.8	9383.1	9553.4	9624.4	9553.4	9383.1	9126.8	8757.5	8327.8	7835.8	7248.7
-17.5°	8468.7	8693.3	8862.9	8914.1	8862.9	8693.3	8468.7	8140.2	7747.2	7310.2	6809.5
-20°	7792.0	7995.0	8134.8	8165.2	8134.8	7995.0	7792.0	7517.9	7158.3	6761.2	6323.6



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	7110.2	7277.4	7390.9	7429.1	7390.9	7277.4	7110.2	6885.9	6573.4	6233.7	5824.5
-25°	6443.8	6588.2	6679.5	6713.7	6679.5	6588.2	6443.8	6245.1	5986.9	5692.0	5331.8
-27.5°	5802.9	5937.5	6021.4	6032.6	6021.4	5937.5	5802.9	5627.9	5410.9	5139.4	4815.9
-30°	5172.3	5283.5	5348.2	5375.6	5348.2	5283.5	5172.3	5026.5	4839.1	4600.2	4317.8
-32.5°	4583.0	4680.2	4738.3	4753.8	4738.3	4680.2	4583.0	4457.1	4298.1	4089.5	3823.5
-35°	4026.7	4116.4	4167.9	4163.8	4167.9	4116.4	4026.7	3907.8	3758.2	3576.0	3338.8
-37.5°	3475.2	3557.9	3604.7	3600.3	3604.7	3557.9	3475.2	3364.8	3231.2	3072.2	2860.8
-40°	2928.1	2999.5	3040.7	3050.7	3040.7	2999.5	2928.1	2828.6	2707.6	2559.0	2386.4
-42.5°	2404.0	2469.9	2502.8	2489.8	2502.8	2469.9	2404.0	2318.5	2215.7	2091.3	1958.8
-45°	1929.0	1963.0	1985.4	1999.4	1985.4	1963.0	1929.0	1877.7	1804.4	1711.3	1603.9
-47.5°	1582.2	1610.5	1625.7	1628.4	1625.7	1610.5	1582.2	1542.2	1487.6	1419.5	1340.9
-50°	1313.3	1337.4	1348.0	1345.0	1348.0	1337.4	1313.3	1282.0	1241.7	1189.9	1130.2
-52.5°	1093.8	1107.7	1117.1	1121.7	1117.1	1107.7	1093.8	1073.9	1046.3	1005.5	958.8
-55°	924.6	935.4	941.8	943.9	941.8	935.4	924.6	909.1	888.6	856.1	820.1
-57.5°	787.7	798.0	801.8	800.5	801.8	798.0	787.7	774.5	758.6	734.1	706.3
-60°	669.3	675.2	679.6	681.9	679.6	675.2	669.3	660.9	649.9	631.0	608.6
-62.5°	568.6	574.2	578.8	581.4	578.8	574.2	568.6	561.0	551.4	536.8	519.5
-65°	467.7	470.1	470.8	469.8	470.8	470.1	467.7	463.5	457.4	447.9	435.4
-67.5°	384.6	386.6	388.0	388.2	388.0	386.6	384.6	381.4	377.0	370.4	361.0
-70°	312.6	313.5	312.5	310.0	312.5	313.5	312.6	311.3	310.0	307.0	299.7
-72.5°	233.5	225.0	216.5	207.0	216.5	225.0	233.5	241.7	249.6	254.1	248.9
-75°	171.7	157.2	152.0	146.9	152.0	157.2	171.7	185.7	199.2	209.1	205.1
-77.5°	127.7	112.6	108.6	104.8	108.6	112.6	127.7	142.2	156.0	167.0	164.2
-80°	90.7	79.0	76.4	73.9	76.4	79.0	90.7	102.1	113.0	122.3	121.8
-82.5°	59.6	51.4	49.8	48.1	49.8	51.4	59.6	67.5	75.0	81.7	80.9
-85°	32.1	28.2	27.4	26.6	27.4	28.2	32.1	35.8	39.3	42.5	41.5
-87.5°	10.0	9.4	9.4	9.4	9.4	9.4	10.0	10.5	11.1	11.6	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.1	1.2	1.1	1.4	2.0
60°	2.8	1.4	3.1	3.6	2.8	2.8	4.9	4.6	1.7	6.4	7.8
57.5°	18.8	17.3	24.9	24.1	14.4	20.6	24.7	16.6	11.5	18.3	22.0
55°	82.2	80.4	78.3	73.7	67.6	63.0	62.1	62.0	49.2	35.7	40.5
52.5°	180.2	160.4	146.3	139.4	129.5	114.6	102.6	100.2	97.2	80.5	66.5
50°	231.5	227.9	212.7	189.2	187.0	172.0	151.1	136.7	134.9	123.4	102.2
47.5°	332.7	332.6	301.2	272.6	264.2	251.2	224.8	186.0	182.4	172.7	149.0
45°	539.0	501.5	484.0	428.9	368.9	345.8	323.8	277.1	238.9	223.9	207.3
42.5°	730.3	674.6	628.6	573.3	507.2	449.4	408.1	356.8	310.6	278.7	254.9
40°	909.3	819.6	755.8	686.1	614.3	542.6	491.5	427.0	374.4	331.6	306.4
37.5°	1133.0	1009.6	938.8	830.4	739.8	665.8	600.3	518.2	433.7	398.9	367.7
35°	1462.4	1316.3	1233.4	1101.6	918.3	852.8	767.5	644.6	537.7	478.0	439.4
32.5°	2053.1	1834.7	1682.3	1506.2	1263.6	1091.1	977.7	840.9	669.7	583.8	519.8
30°	2653.2	2357.9	2144.3	1965.5	1643.1	1388.8	1213.9	1020.3	835.7	696.2	609.4
27.5°	3059.6	2769.4	2503.4	2246.6	1985.5	1690.2	1428.2	1179.6	977.9	821.8	709.6
25°	3416.2	3088.0	2788.5	2510.1	2231.1	1944.1	1626.8	1347.5	1110.6	932.2	785.6
22.5°	3769.3	3420.3	3080.8	2757.1	2474.0	2167.0	1831.7	1510.3	1238.1	1053.3	877.1
20°	4169.6	3767.6	3375.8	3069.7	2747.4	2397.2	2024.4	1718.0	1451.2	1198.0	977.3
17.5°	4742.4	4205.3	3845.3	3500.6	3081.8	2653.8	2330.1	2008.9	1680.5	1350.9	1082.3
15°	5518.3	4963.4	4551.0	4078.6	3503.5	3061.6	2705.7	2315.5	1926.5	1531.8	1207.3
12.5°	6440.8	5767.7	5281.8	4609.3	3962.1	3484.1	3081.5	2644.9	2167.0	1695.4	1323.6
10°	7021.3	6295.7	5603.9	4957.9	4367.3	3875.1	3369.6	2836.3	2304.8	1818.9	1424.1
7.5°	7329.7	6556.3	5842.3	5196.4	4593.8	4024.0	3485.5	2948.6	2415.6	1915.3	1509.1
5°	7534.6	6749.8	6004.2	5313.7	4697.5	4123.9	3572.2	3024.6	2499.0	1986.4	1578.6
2.5°	7685.8	6875.7	6108.0	5381.8	4755.3	4184.2	3627.3	3068.9	2542.5	2024.5	1602.8
0°	7760.7	6915.5	6146.0	5427.1	4782.1	4197.2	3648.4	3085.0	2552.5	2040.7	1612.9
-2.5°	7745.6	6890.4	6113.6	5425.8	4783.9	4185.1	3651.3	3093.8	2555.3	2052.8	1620.1
-5°	7666.0	6847.4	6076.5	5387.7	4755.6	4156.2	3622.7	3074.9	2535.3	2043.1	1613.3
-7.5°	7504.6	6718.4	5970.6	5300.3	4682.7	4096.7	3564.6	3028.4	2494.7	2009.8	1593.2
-10°	7261.9	6512.2	5801.0	5166.8	4565.0	3999.2	3478.3	2949.9	2427.7	1955.1	1558.3
-12.5°	6961.6	6253.7	5575.6	4985.3	4410.8	3870.4	3361.6	2839.3	2334.5	1879.0	1508.5
-15°	6594.4	5959.2	5345.9	4773.5	4230.2	3706.9	3210.0	2701.6	2216.1	1781.1	1443.9
-17.5°	6222.1	5632.4	5057.0	4513.9	4010.2	3513.4	3031.4	2548.5	2083.9	1675.6	1368.4
-20°	5807.7	5263.0	4730.9	4238.2	3768.6	3296.7	2832.2	2367.8	1932.6	1576.8	1301.5



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	5357.9	4871.5	4389.7	3945.3	3505.9	3053.5	2609.0	2170.6	1757.8	1466.0	1225.6
-25°	4902.5	4460.7	4028.9	3619.9	3207.9	2780.7	2370.0	1969.8	1628.5	1361.4	1143.7
-27.5°	4445.2	4045.2	3646.7	3268.7	2880.9	2504.5	2129.2	1766.4	1488.4	1261.3	1067.3
-30°	3993.2	3631.8	3267.2	2906.2	2555.3	2211.6	1876.0	1601.3	1359.6	1154.4	981.8
-32.5°	3527.5	3213.2	2881.0	2542.6	2224.1	1920.6	1665.7	1434.1	1225.3	1055.9	905.8
-35°	3074.8	2785.6	2479.9	2189.2	1907.2	1679.9	1464.1	1274.7	1107.6	957.7	830.0
-37.5°	2612.4	2351.4	2098.7	1855.0	1653.6	1461.5	1290.7	1136.1	991.7	872.5	762.6
-40°	2176.8	1949.5	1768.0	1588.7	1429.0	1275.5	1140.7	1007.8	896.4	791.4	696.8
-42.5°	1803.8	1644.4	1498.4	1363.1	1232.2	1118.8	1005.0	901.6	804.4	716.4	637.9
-45°	1502.3	1388.3	1269.6	1170.3	1069.2	978.8	888.0	802.8	721.0	649.3	579.6
-47.5°	1263.5	1178.7	1089.3	1009.6	933.9	856.4	785.6	712.1	648.8	584.9	526.8
-50°	1068.6	1005.9	940.6	876.0	816.6	753.3	694.6	636.8	581.1	528.1	475.2
-52.5°	908.0	862.6	814.2	762.9	715.5	666.2	614.9	568.5	520.5	473.8	427.5
-55°	780.7	744.5	707.8	668.9	629.4	589.1	547.2	505.4	464.1	421.5	386.6
-57.5°	676.0	645.5	616.4	585.6	553.4	519.2	483.5	446.2	412.3	380.2	348.5
-60°	584.4	558.7	535.4	510.6	484.2	454.6	425.5	396.2	366.9	339.0	311.8
-62.5°	501.6	483.3	462.3	441.2	420.4	398.6	372.5	346.6	321.8	297.8	275.4
-65°	421.4	405.9	389.6	374.5	357.7	339.1	317.0	296.8	277.3	257.5	239.0
-67.5°	350.3	338.4	325.3	311.8	298.5	283.6	267.3	250.5	234.9	218.7	204.9
-70°	291.8	283.1	273.0	260.9	248.8	236.6	224.2	211.0	196.7	182.2	171.1
-72.5°	243.0	236.7	228.7	218.7	208.1	197.4	186.3	174.6	162.1	148.6	137.9
-75°	200.7	196.0	189.9	181.1	171.7	161.7	152.0	141.3	129.1	115.3	104.5
-77.5°	161.2	158.2	154.4	147.1	139.7	132.3	123.8	111.3	99.0	87.2	79.3
-80°	120.9	119.6	117.2	111.2	105.0	98.7	91.9	82.4	73.3	64.9	58.4
-82.5°	79.8	78.3	76.4	72.7	69.1	65.6	62.1	55.7	49.4	43.3	38.1
-85°	40.4	39.2	38.0	37.4	36.7	35.9	34.8	31.1	27.6	24.3	21.4
-87.5°	11.7	11.7	11.7	11.8	11.9	12.0	12.0	11.1	10.2	9.3	8.5
-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: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	0.9	1.3	1.2	0.9	0.9	1.7	1.4	1.3	0.9
62.5°	1.7	0.9	2.3	3.0	1.9	1.6	1.3	3.6	2.3	1.7	1.2
60°	3.9	3.2	6.0	9.2	6.6	2.6	3.8	6.2	5.7	2.1	1.7
57.5°	19.9	9.1	13.4	17.5	16.6	9.3	7.6	10.5	9.6	5.6	2.2
55°	41.3	35.1	27.9	27.7	28.1	22.2	15.8	16.3	14.5	10.3	3.3
52.5°	62.7	60.8	54.1	44.0	40.4	36.5	29.9	23.1	21.4	15.3	8.1
50°	89.4	84.5	79.2	68.9	55.8	50.7	43.9	35.3	29.2	21.4	13.4
47.5°	119.9	111.4	103.4	93.5	79.2	65.7	58.0	47.9	37.7	29.4	18.7
45°	167.5	139.9	129.1	117.6	102.9	86.0	72.8	60.3	48.9	37.5	24.1
42.5°	216.4	178.0	155.4	142.5	127.0	108.1	88.1	74.1	59.9	45.5	30.4
40°	265.6	218.1	183.9	167.7	152.0	130.0	107.7	88.5	70.6	53.8	37.4
37.5°	318.8	262.9	216.7	194.0	177.4	153.7	127.5	103.3	81.7	62.8	44.2
35°	385.0	316.1	252.5	224.3	202.2	177.8	147.2	119.3	94.9	71.9	51.0
32.5°	459.5	374.8	303.6	257.4	227.3	202.3	168.1	137.3	108.4	80.9	57.6
30°	533.5	435.2	352.2	290.2	254.0	225.3	190.4	155.4	122.2	90.0	64.4
27.5°	590.0	487.4	397.6	329.6	283.5	248.2	212.6	173.7	136.3	99.9	71.8
25°	647.7	535.7	441.7	368.2	312.5	271.6	234.0	191.9	151.2	111.4	79.0
22.5°	715.1	581.6	478.9	403.0	343.2	295.3	254.4	210.4	166.4	122.7	86.0
20°	781.1	623.8	513.2	443.6	376.7	321.8	274.4	228.0	181.2	133.8	92.8
17.5°	848.7	683.2	570.0	485.7	411.3	347.9	294.2	244.7	195.6	144.7	99.3
15°	950.6	762.7	627.3	527.3	444.8	373.6	313.5	260.4	209.5	155.2	105.1
12.5°	1046.6	837.4	682.9	567.9	477.0	398.4	332.3	275.2	222.7	163.9	110.0
10°	1131.5	907.0	736.2	607.1	507.5	422.3	350.3	286.7	230.6	170.9	114.3
7.5°	1205.4	970.9	786.4	644.4	533.5	438.4	359.4	292.8	236.5	177.0	118.1
5°	1261.9	1014.4	814.0	659.3	543.3	445.8	366.0	297.7	241.3	182.2	121.4
2.5°	1280.5	1028.8	824.9	667.7	550.4	451.1	371.0	301.4	244.9	186.5	124.1
0°	1289.1	1035.8	830.5	672.5	554.8	454.3	374.5	304.0	247.4	189.8	126.3
-2.5°	1298.6	1045.3	838.4	680.0	559.4	458.7	378.2	308.0	251.0	193.5	129.9
-5°	1297.9	1047.1	840.9	683.6	561.2	461.1	380.2	310.9	253.5	196.2	133.0
-7.5°	1284.2	1039.0	837.7	682.8	560.2	461.4	380.8	312.6	255.1	198.0	135.4
-10°	1259.7	1022.2	828.3	676.7	556.5	459.4	379.9	313.1	255.7	198.7	137.1
-12.5°	1225.1	998.2	813.1	666.5	549.9	455.1	377.1	311.7	255.3	198.5	138.0
-15°	1180.7	967.3	792.1	652.5	540.3	448.7	372.7	308.7	253.1	197.0	138.2
-17.5°	1127.0	929.8	765.4	634.7	527.8	440.2	366.5	304.5	250.1	194.5	138.0
-20°	1077.2	890.3	734.5	613.0	512.3	429.6	358.7	299.1	246.3	191.3	137.3

Classified

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



REPORT NUMBER: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	1021.5	849.3	707.1	592.2	495.9	417.0	349.2	292.6	241.8	187.5	136.1
-25°	957.7	802.8	675.8	569.1	480.0	404.9	339.4	285.0	236.7	183.2	134.2
-27.5°	897.8	754.9	640.8	542.5	461.6	391.1	329.8	277.9	230.8	178.4	131.9
-30°	836.6	713.1	607.2	514.5	441.3	375.6	318.9	270.4	224.0	174.2	128.9
-32.5°	774.5	667.7	571.2	490.4	421.6	358.9	307.0	262.3	217.0	170.1	126.5
-35°	721.1	622.9	532.6	464.3	401.4	344.7	295.2	253.7	209.8	165.4	123.9
-37.5°	664.2	577.5	502.5	438.5	379.8	329.2	283.9	243.6	202.3	160.1	120.7
-40°	613.3	535.1	470.1	413.5	360.4	312.5	271.2	232.8	195.4	154.3	116.9
-42.5°	561.5	496.6	438.6	386.6	340.8	297.2	257.5	221.2	186.4	149.0	112.7
-45°	516.1	457.2	405.9	362.2	320.4	280.5	244.0	209.2	176.8	143.5	108.2
-47.5°	469.2	419.2	375.4	336.7	300.3	263.1	229.8	198.2	166.9	137.3	103.7
-50°	425.4	383.2	346.8	312.1	278.1	246.8	215.5	186.8	157.8	129.2	98.6
-52.5°	386.5	351.3	318.9	287.3	258.1	229.8	202.8	175.2	148.3	121.2	92.9
-55°	352.1	320.7	291.5	264.2	238.1	214.7	189.8	164.2	138.4	112.9	86.9
-57.5°	319.2	290.9	266.1	241.8	219.5	199.2	177.1	152.9	128.4	104.2	81.5
-60°	286.0	263.3	241.3	220.8	201.6	183.2	164.4	141.3	118.1	95.3	75.0
-62.5°	254.3	235.2	218.3	200.3	182.7	166.4	151.2	129.2	107.3	86.4	67.8
-65°	223.2	208.6	194.9	178.0	162.6	149.1	136.5	116.7	96.0	77.0	60.2
-67.5°	192.3	180.3	168.0	154.4	143.0	131.9	120.7	102.9	84.1	67.1	52.6
-70°	161.2	151.0	142.2	133.6	124.1	114.4	103.2	88.0	71.5	57.7	44.7
-72.5°	130.7	124.4	119.2	113.1	105.1	95.9	85.4	72.9	60.1	48.0	36.6
-75°	100.7	99.4	97.8	93.9	86.1	77.5	69.1	59.5	48.5	38.1	29.8
-77.5°	79.3	78.8	77.7	74.9	68.2	61.1	53.8	45.7	37.4	30.2	23.5
-80°	58.7	58.6	58.1	56.4	50.6	44.7	39.6	34.5	28.4	22.5	17.0
-82.5°	38.6	39.2	39.4	38.9	35.0	31.2	27.5	23.9	19.2	14.7	11.4
-85°	22.0	22.4	22.5	22.3	19.9	17.6	16.0	14.5	12.0	9.7	7.6
-87.5°	9.1	9.7	10.1	10.3	9.6	8.8	8.0	7.3	6.0	4.9	3.8
-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: P626972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.2	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.4	0.9	0.9	0.9	0.4	0.0
57.5°	2.3	1.6	1.1	0.9	0.9	0.5	0.0
55°	3.6	1.9	1.4	0.9	0.9	0.5	0.0
52.5°	5.0	2.4	1.7	0.9	0.9	0.5	0.0
50°	6.6	3.9	1.9	0.9	1.0	0.6	0.0
47.5°	8.8	5.5	2.2	1.0	1.0	0.6	0.0
45°	13.4	7.2	2.5	1.2	1.0	0.6	0.0
42.5°	18.0	8.9	2.8	1.4	1.0	0.7	0.0
40°	22.6	10.8	3.7	1.7	1.1	0.7	0.0
37.5°	27.2	12.8	5.2	2.1	1.1	0.7	0.0
35°	31.7	15.9	6.7	2.5	1.1	0.7	0.0
32.5°	36.5	19.5	8.2	2.9	1.2	0.8	0.0
30°	41.9	23.0	9.7	3.4	1.2	0.8	0.0
27.5°	47.1	26.4	11.5	3.8	1.2	0.8	0.0
25°	52.1	29.6	13.2	4.3	1.3	0.8	0.0
22.5°	57.0	32.8	14.9	4.9	1.3	0.8	0.0
20°	61.6	35.9	16.5	5.4	1.4	0.8	0.0
17.5°	65.8	38.8	18.1	5.9	1.4	0.9	0.0
15°	69.7	41.5	19.6	6.5	1.5	0.9	0.0
12.5°	73.3	44.0	21.0	7.0	1.5	0.9	0.0
10°	76.5	46.3	22.3	7.5	1.5	0.9	0.0
7.5°	79.4	48.4	23.6	8.0	1.6	0.9	0.0
5°	81.9	50.2	24.7	8.5	1.6	0.9	0.0
2.5°	84.1	51.8	25.7	9.0	1.7	0.9	0.0
0°	85.9	53.2	26.6	9.4	1.7	0.9	0.0
-2.5°	88.2	54.9	27.8	10.0	2.0	1.0	0.0
-5°	90.2	56.3	28.9	10.6	2.2	1.0	0.0
-7.5°	91.7	57.5	29.8	11.1	2.5	1.1	0.0
-10°	92.8	58.3	30.6	11.5	2.7	1.1	0.0
-12.5°	93.4	58.9	31.1	11.9	2.9	1.1	0.0
-15°	93.6	59.2	31.5	12.2	3.1	1.2	0.0
-17.5°	93.4	59.1	31.7	12.4	3.3	1.2	0.0
-20°	93.1	58.8	31.6	12.6	3.5	1.2	0.0

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CATALOG NUMBER: GFLD-SA2D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.2	58.2	31.4	12.6	3.7	1.3	0.0
-25°	92.7	57.9	30.9	12.6	3.8	1.3	0.0
-27.5°	91.9	57.7	30.2	12.6	3.9	1.3	0.0
-30°	90.5	57.1	29.3	12.4	4.0	1.3	0.0
-32.5°	88.7	56.1	29.0	12.1	4.1	1.3	0.0
-35°	86.9	54.7	28.4	11.8	4.1	1.3	0.0
-37.5°	85.0	53.3	27.5	11.3	4.1	1.3	0.0
-40°	82.5	52.0	26.4	10.8	4.1	1.3	0.0
-42.5°	79.6	50.4	25.6	10.3	4.1	1.3	0.0
-45°	76.2	48.4	25.1	9.9	4.0	1.3	0.0
-47.5°	72.4	46.1	24.4	9.3	3.9	1.2	0.0
-50°	69.0	43.5	23.3	9.2	3.8	1.2	0.0
-52.5°	65.4	40.6	22.0	9.0	3.7	1.2	0.0
-55°	61.3	38.2	20.5	8.8	3.5	1.1	0.0
-57.5°	56.9	35.6	18.7	8.4	3.3	1.0	0.0
-60°	52.2	32.6	16.8	8.0	3.1	1.0	0.0
-62.5°	47.6	29.3	15.6	7.4	2.9	0.9	0.0
-65°	42.6	25.7	14.3	6.8	2.7	0.9	0.0
-67.5°	37.1	22.5	12.8	6.0	2.5	0.8	0.0
-70°	31.3	19.8	11.1	5.2	2.2	0.7	0.0
-72.5°	26.6	16.8	9.3	4.6	2.0	0.6	0.0
-75°	21.8	13.6	7.4	4.0	1.7	0.5	0.0
-77.5°	16.9	10.3	6.1	3.4	1.4	0.5	0.0
-80°	11.7	7.8	5.0	2.7	1.2	0.4	0.0
-82.5°	8.6	5.9	3.8	2.1	0.9	0.3	0.0
-85°	5.8	4.0	2.5	1.4	0.6	0.2	0.0
-87.5°	2.9	2.0	1.3	0.7	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)