

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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627512 (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-SA4E-730-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25443.9 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 28840.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 12250.1 lumens
Beam Efficiency: 48.1%

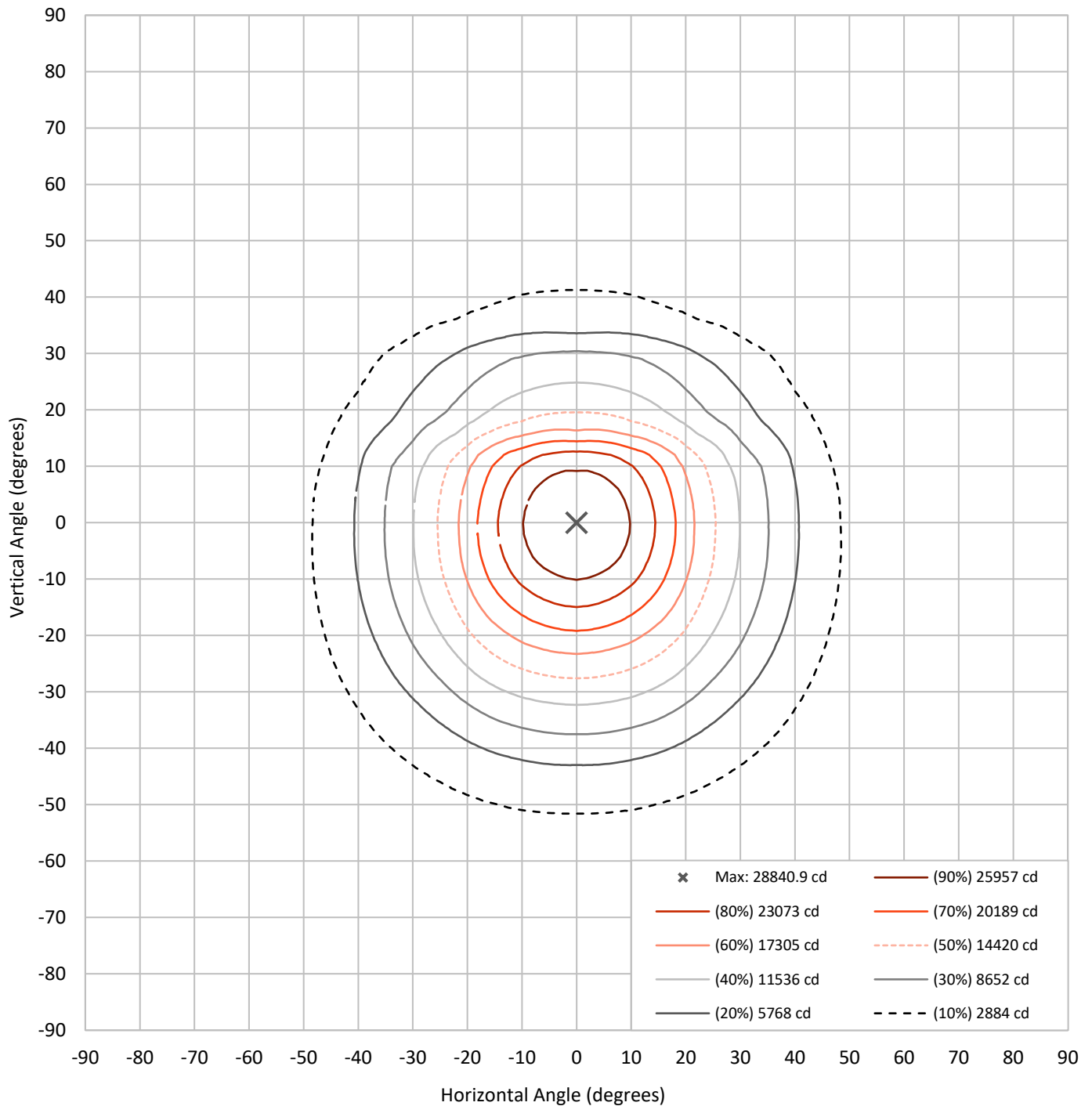
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 22781 lumens
Field Efficiency: 89.5%

Input Watts (W): 255.9
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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-730-U-WR-VSR-XX

Iso-Candela Plot





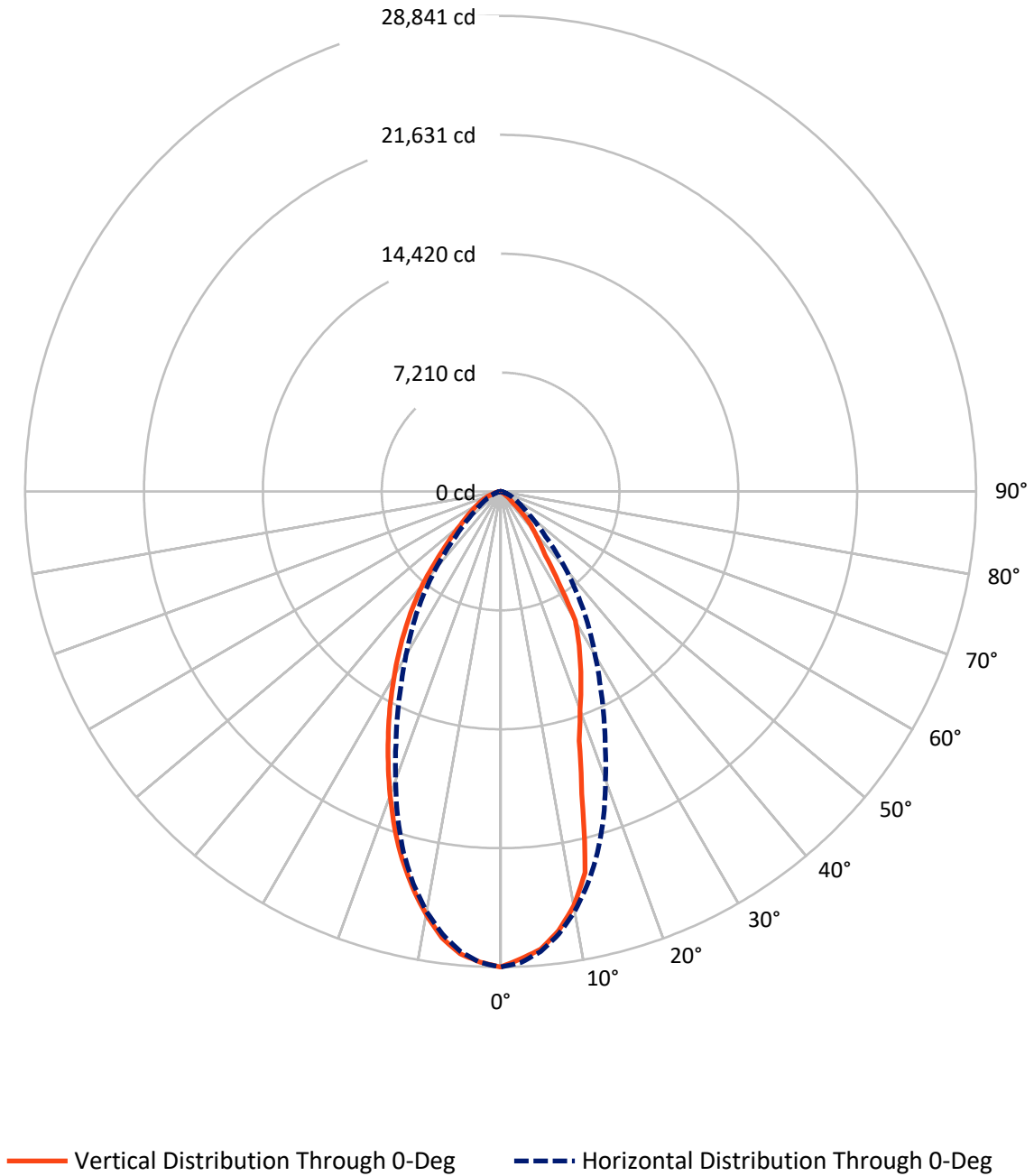
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.5	1.3	2.4	4.0	5.9	8.0	9.0	9.0	8.0	5.9	4.0	2.4	1.3	0.5				
40	1.1	1.9	4.9	10.3	18.9	31.1	44.8	55.0	55.0	44.8	31.1	18.9	10.3	4.9	1.9	1.1			
30		3.9	9.9	23.0	47.5	87.3	133.5	160.4	160.4	133.5	87.3	47.5	23.0	9.9	3.9				
20	2.8	6.1	16.1	41.8	98.8	185.6	282.4	340.4	340.4	282.4	185.6	98.8	41.8	16.1	6.1	2.8			
10		8.2	23.0	65.5	162.6	300.7	469.8	580.9	580.9	469.8	300.7	162.6	65.5	23.0	8.2				
0	4.0	9.6	28.8	84.7	213.5	397.9	639.0	810.1	810.1	639.0	397.9	213.5	84.7	28.8	9.6	4.0			
-10		10.0	30.0	87.4	216.6	403.7	645.4	815.2	815.2	645.4	403.7	216.6	87.4	30.0	10.0				
-20	4.2	9.9	28.5	77.9	191.9	354.5	546.4	674.3	674.3	546.4	354.5	191.9	77.9	28.5	9.9	4.2			
-30		9.1	24.6	61.0	143.2	267.2	398.3	477.6	477.6	398.3	267.2	143.2	61.0	24.6	9.1				
-40	3.6	8.0	20.0	44.1	90.1	165.8	250.1	297.8	297.8	250.1	165.8	90.1	44.1	20.0	8.0	3.6			
-50		6.6	15.4	30.4	54.2	86.8	124.5	148.2	148.2	124.5	86.8	54.2	30.4	15.4	6.6				
-60	2.3	5.2	11.2	20.3	33.1	47.6	61.5	69.6	69.6	61.5	47.6	33.1	20.3	11.2	5.2	2.3			
-70		3.6	7.5	12.5	19.2	26.2	32.0	34.9	34.9	32.0	26.2	19.2	12.5	7.5	3.6				
-80	0.6	7.2		18.7		33.4		30.5		33.4		18.7		7.2		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

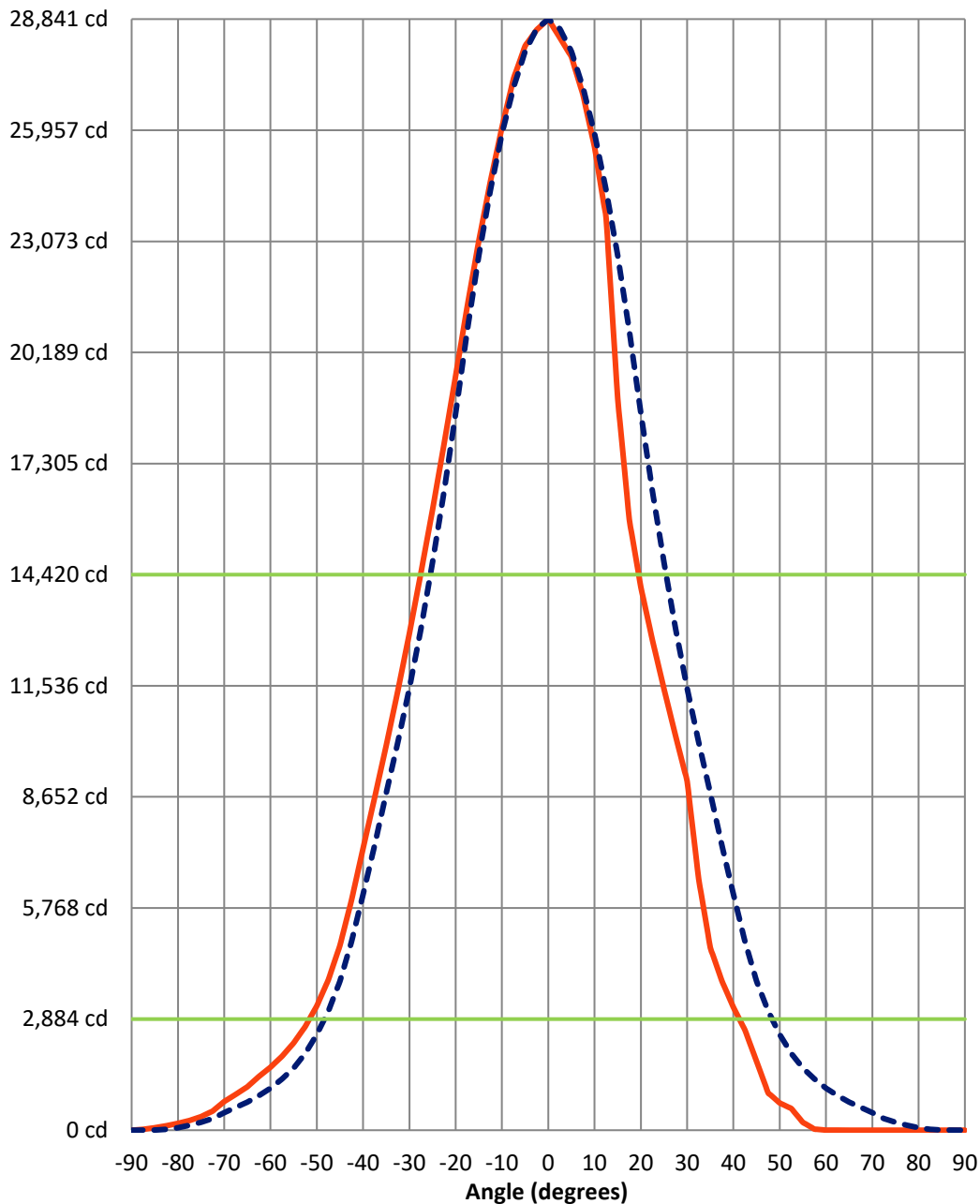
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 12250.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 22781
 Efficiency: 89.5%

Spill:
 Lumens: 2663
 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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.1
75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.7	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3
67.5°	0.0	0.8	1.6	2.1	2.1	2.1	2.3	2.1	2.1	2.7	2.6
65°	0.0	0.9	1.8	2.1	2.1	2.3	2.5	2.1	3.0	3.4	4.0
62.5°	0.0	1.0	1.9	2.1	2.1	2.8	2.8	2.8	3.9	5.6	8.6
60°	0.0	1.0	2.1	2.1	2.1	3.3	3.3	3.9	5.0	13.6	14.8
57.5°	0.0	1.1	2.1	2.1	2.7	3.9	5.6	5.3	13.4	23.0	25.2
55°	0.0	1.2	2.2	2.1	3.3	4.5	8.5	7.9	24.6	34.6	39.1
52.5°	0.0	1.3	2.2	2.1	3.9	5.7	11.9	19.4	36.7	51.4	55.4
50°	0.0	1.3	2.2	2.1	4.6	9.3	15.7	32.0	51.3	70.0	84.6
47.5°	0.0	1.4	2.3	2.2	5.3	13.1	21.0	44.8	70.5	90.4	114.9
45°	0.0	1.5	2.3	2.8	6.1	17.1	32.1	57.7	89.8	117.2	144.7
42.5°	0.0	1.5	2.4	3.4	6.8	21.4	43.2	72.9	109.0	143.6	177.8
40°	0.0	1.6	2.5	4.1	9.0	25.9	54.3	89.5	129.0	169.4	212.4
37.5°	0.0	1.7	2.6	5.0	12.5	30.7	65.2	106.0	150.6	195.9	247.7
35°	0.0	1.7	2.6	5.9	16.1	38.1	76.1	122.2	172.3	227.6	286.1
32.5°	0.0	1.8	2.7	7.0	19.7	46.7	87.6	138.1	194.1	260.1	329.4
30°	0.0	1.8	2.8	8.1	23.3	55.0	100.5	154.3	215.8	293.3	372.9
27.5°	0.0	1.9	2.9	9.2	27.5	63.2	113.0	172.1	239.7	327.0	416.6
25°	0.0	1.9	3.0	10.5	31.6	71.0	125.0	189.4	267.2	362.9	460.4
22.5°	0.0	1.9	3.1	11.7	35.7	78.6	136.6	206.3	294.4	399.2	504.7
20°	0.0	2.0	3.3	13.0	39.6	86.0	147.6	222.6	321.1	434.7	546.9
17.5°	0.0	2.0	3.4	14.3	43.4	93.0	157.8	238.2	347.2	469.2	587.0
15°	0.0	2.0	3.5	15.6	47.0	99.5	167.1	252.1	372.4	502.5	624.7
12.5°	0.0	2.1	3.6	16.9	50.4	105.6	175.7	263.8	393.2	534.2	660.1
10°	0.0	2.1	3.7	18.2	53.6	111.1	183.5	274.1	409.9	553.0	687.9
7.5°	0.0	2.1	3.8	19.4	56.6	116.1	190.4	283.2	424.6	567.3	702.4
5°	0.0	2.1	3.9	20.6	59.3	120.6	196.5	291.1	437.1	578.7	714.1
2.5°	0.0	2.1	4.0	21.7	61.7	124.4	201.7	297.6	447.4	587.3	723.1
0°	0.0	2.1	4.1	22.7	63.9	127.7	206.0	302.8	455.3	593.3	729.3
-2.5°	0.0	2.2	4.7	24.1	66.8	131.7	211.6	311.5	464.2	601.9	738.9
-5°	0.0	2.4	5.3	25.4	69.4	135.1	216.3	318.8	470.7	608.0	745.8
-7.5°	0.0	2.5	5.9	26.6	71.6	137.9	219.9	324.6	474.8	611.9	749.8
-10°	0.0	2.6	6.5	27.7	73.4	139.9	222.5	328.7	476.6	613.4	751.1
-12.5°	0.0	2.7	7.0	28.6	74.7	141.3	224.1	331.0	476.0	612.4	747.6
-15°	0.0	2.8	7.6	29.3	75.6	141.9	224.6	331.5	472.6	607.1	740.3
-17.5°	0.0	2.9	8.0	29.8	76.0	141.9	223.9	330.8	466.5	599.9	730.3
-20°	0.0	3.0	8.5	30.2	75.9	141.1	223.3	329.3	458.8	590.8	717.5

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Scaled Data Report



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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	3.0	8.8	30.4	75.3	139.5	223.4	326.3	449.8	580.1	701.9
-25°	0.0	3.1	9.2	30.4	74.2	139.0	222.4	321.9	439.5	567.7	683.7
-27.5°	0.0	3.1	9.4	30.1	72.4	138.4	220.3	316.2	428.0	553.4	666.8
-30°	0.0	3.1	9.7	29.7	70.4	136.9	217.1	309.2	417.9	537.3	648.6
-32.5°	0.0	3.2	9.8	29.1	69.5	134.6	212.7	303.4	407.9	520.6	629.2
-35°	0.0	3.2	9.9	28.2	68.0	131.3	208.5	297.1	396.6	503.2	608.5
-37.5°	0.0	3.1	10.0	27.2	66.0	127.8	203.8	289.4	384.0	485.4	584.2
-40°	0.0	3.1	9.9	25.9	63.3	124.7	197.9	280.5	370.2	468.8	558.3
-42.5°	0.0	3.1	9.8	24.7	61.4	120.8	190.9	270.3	357.3	447.2	530.6
-45°	0.0	3.0	9.7	23.7	60.2	116.1	182.8	259.6	344.1	424.1	501.9
-47.5°	0.0	2.9	9.4	22.4	58.4	110.6	173.6	248.7	329.3	400.2	475.4
-50°	0.0	2.9	9.2	22.0	56.0	104.3	165.5	236.4	309.9	378.4	448.0
-52.5°	0.0	2.8	8.8	21.7	52.9	97.3	156.8	222.8	290.7	355.6	420.2
-55°	0.0	2.6	8.4	21.2	49.2	91.6	147.1	208.3	270.8	331.9	394.0
-57.5°	0.0	2.5	7.9	20.3	45.0	85.4	136.5	195.4	250.0	308.0	366.8
-60°	0.0	2.4	7.4	19.2	40.3	78.3	125.2	179.9	228.5	283.3	338.8
-62.5°	0.0	2.2	6.9	17.8	37.5	70.4	114.2	162.6	207.3	257.5	309.9
-65°	0.0	2.1	6.4	16.3	34.3	61.8	102.2	144.5	184.8	230.4	280.0
-67.5°	0.0	1.9	5.9	14.5	30.7	54.1	89.1	126.3	161.0	201.6	246.7
-70°	0.0	1.7	5.4	12.5	26.7	47.4	75.1	107.4	138.5	171.5	211.0
-72.5°	0.0	1.5	4.8	11.0	22.4	40.3	63.9	87.9	115.3	144.3	175.0
-75°	0.0	1.3	4.1	9.6	17.8	32.6	52.4	71.6	91.4	116.4	142.8
-77.5°	0.0	1.1	3.5	8.1	14.7	24.6	40.4	56.3	72.6	89.8	109.8
-80°	0.0	0.9	2.8	6.6	11.9	18.8	27.9	40.7	54.0	68.0	82.7
-82.5°	0.0	0.7	2.1	5.0	9.0	14.2	20.6	27.2	35.1	45.9	57.2
-85°	0.0	0.4	1.4	3.3	6.0	9.5	13.8	18.2	23.2	28.7	34.7
-87.5°	0.0	0.2	0.7	1.7	3.0	4.8	6.9	9.1	11.6	14.4	17.4
-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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.7
67.5°	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	1.6	1.1
65°	2.1	2.1	2.9	3.1	2.2	2.1	2.1	2.1	2.2	1.9	1.9
62.5°	3.0	3.7	4.6	7.2	5.4	2.1	4.1	4.7	3.2	2.6	2.8
60°	9.0	6.2	15.8	22.0	14.4	7.6	9.3	18.7	15.4	4.2	10.9
57.5°	18.2	22.4	39.9	41.9	32.2	21.7	47.7	52.8	43.8	27.5	39.7
55°	37.9	53.3	67.4	66.6	66.9	84.1	98.9	97.1	85.6	118.1	148.7
52.5°	71.7	87.7	97.0	105.7	129.7	145.7	150.3	159.4	193.0	233.2	240.4
50°	105.3	121.7	134.0	165.3	190.0	202.6	214.3	245.1	295.9	323.5	327.9
47.5°	139.3	157.6	190.0	224.2	248.1	267.1	287.5	357.4	414.1	437.5	446.0
45°	174.7	206.4	246.8	282.0	309.6	335.4	401.7	497.1	537.0	573.0	664.5
42.5°	211.5	259.3	304.8	341.7	372.8	426.8	519.1	611.5	668.6	745.1	855.7
40°	258.4	312.0	364.7	402.2	441.0	523.0	637.2	735.0	795.4	898.1	1024.1
37.5°	306.0	368.7	425.6	465.2	519.7	630.6	764.8	881.9	956.8	1040.4	1243.0
35°	353.1	426.5	484.9	538.0	605.4	758.2	923.5	1053.9	1146.5	1289.7	1546.1
32.5°	403.3	485.4	545.1	617.4	728.2	899.0	1102.1	1246.8	1400.4	1606.4	2017.1
30°	456.8	540.5	609.2	696.0	844.7	1044.0	1279.6	1461.5	1670.0	2004.7	2447.3
27.5°	510.1	595.5	680.1	790.5	953.8	1169.1	1415.2	1702.0	1971.3	2345.6	2829.4
25°	561.3	651.5	749.5	883.0	1059.6	1285.0	1553.6	1884.4	2236.0	2664.0	3232.2
22.5°	610.2	708.3	823.1	966.6	1148.8	1395.0	1715.3	2104.0	2526.4	2969.7	3622.7
20°	658.2	771.8	903.6	1064.1	1231.0	1496.4	1873.5	2344.1	2873.5	3480.9	4120.7
17.5°	705.6	834.5	986.6	1165.1	1367.2	1638.8	2035.7	2595.9	3240.3	4030.8	4818.6
15°	752.0	896.0	1066.9	1264.8	1504.7	1829.3	2280.1	2895.8	3674.3	4621.0	5554.1
12.5°	797.0	955.6	1144.0	1362.2	1638.0	2008.7	2510.4	3174.7	4066.7	5197.7	6344.0
10°	840.1	1012.8	1217.2	1456.2	1765.7	2175.6	2714.0	3415.9	4362.7	5528.3	6803.2
7.5°	862.1	1051.5	1279.7	1545.6	1886.2	2328.8	2891.2	3619.8	4594.0	5794.1	7072.4
5°	877.8	1069.3	1303.1	1581.3	1952.4	2432.9	3026.7	3786.5	4764.4	5994.1	7254.8
2.5°	889.9	1082.0	1320.2	1601.5	1978.6	2467.6	3071.5	3844.6	4855.8	6098.5	7361.1
0°	898.2	1089.8	1330.8	1613.0	1992.1	2484.4	3092.2	3868.8	4894.7	6122.5	7399.8
-2.5°	907.0	1100.4	1341.9	1630.9	2011.0	2507.3	3114.9	3885.9	4923.8	6129.2	7420.7
-5°	912.1	1106.1	1346.2	1639.6	2017.1	2511.6	3113.3	3869.7	4900.6	6081.1	7375.2
-7.5°	913.5	1106.8	1343.8	1637.9	2009.3	2492.1	3080.4	3821.3	4820.7	5983.7	7263.9
-10°	911.2	1101.9	1335.0	1623.0	1986.7	2451.7	3021.5	3737.7	4689.4	5823.0	7075.7
-12.5°	904.6	1091.6	1319.1	1598.8	1950.3	2394.2	2938.6	3618.3	4507.0	5599.6	6810.4
-15°	893.9	1076.3	1296.2	1565.2	1900.0	2320.1	2832.1	3463.5	4272.2	5315.5	6480.1
-17.5°	879.2	1055.9	1266.1	1522.4	1835.8	2230.2	2703.3	3282.1	4019.0	4998.6	6112.8
-20°	860.4	1030.5	1229.0	1470.4	1761.7	2135.5	2583.7	3121.6	3782.0	4635.6	5679.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	837.6	1000.3	1189.7	1420.6	1696.1	2037.1	2450.1	2939.6	3516.2	4216.1	5206.5
-25°	814.2	971.3	1151.4	1365.2	1621.1	1925.6	2297.2	2743.1	3265.3	3905.9	4724.7
-27.5°	791.0	938.0	1107.2	1301.2	1537.1	1810.7	2153.4	2560.0	3025.4	3570.1	4236.9
-30°	765.0	900.9	1058.4	1234.2	1456.5	1710.5	2006.8	2355.2	2768.9	3261.2	3840.8
-32.5°	736.5	861.0	1011.3	1176.2	1370.2	1601.4	1857.7	2172.8	2532.8	2938.9	3439.9
-35°	708.2	826.9	962.9	1113.8	1277.5	1494.0	1729.5	1991.0	2297.2	2656.8	3057.4
-37.5°	680.9	789.7	911.1	1051.8	1205.4	1385.1	1593.1	1829.2	2092.8	2378.8	2725.0
-40°	650.6	749.6	864.4	991.9	1127.7	1283.5	1471.1	1671.4	1898.4	2150.0	2417.4
-42.5°	617.5	712.7	817.5	927.3	1052.0	1191.2	1346.7	1530.0	1718.5	1929.4	2162.7
-45°	585.2	672.6	768.5	868.7	973.6	1096.6	1237.9	1390.3	1557.5	1729.5	1925.5
-47.5°	551.2	631.0	720.2	807.5	900.5	1005.4	1125.3	1263.6	1403.0	1556.2	1708.2
-50°	517.1	592.0	667.0	748.5	831.7	919.1	1020.4	1139.7	1266.6	1393.7	1527.5
-52.5°	486.5	551.4	619.1	689.0	764.9	842.6	927.0	1025.4	1136.3	1248.3	1363.6
-55°	455.4	515.1	571.1	633.7	699.3	769.2	844.5	927.3	1011.0	1113.1	1212.3
-57.5°	424.9	477.9	526.6	580.0	638.3	697.7	765.5	835.9	911.9	989.0	1070.2
-60°	394.3	439.3	483.5	529.7	578.6	631.5	686.1	747.9	813.1	880.1	950.4
-62.5°	362.7	399.2	438.2	480.5	523.6	564.2	610.0	660.5	714.3	771.8	831.4
-65°	327.4	357.6	390.1	427.0	467.4	500.2	535.2	573.2	617.7	665.0	711.9
-67.5°	289.6	316.4	342.9	370.3	403.1	432.4	461.3	491.5	524.7	563.4	600.9
-70°	247.6	274.3	297.7	320.3	341.2	362.2	386.6	410.5	437.2	472.0	506.1
-72.5°	204.8	229.9	252.0	271.2	285.9	298.4	313.5	330.8	356.5	388.7	418.8
-75°	165.7	185.9	206.6	225.1	234.5	238.3	241.4	250.5	276.5	309.6	338.8
-77.5°	129.0	146.6	163.5	179.6	186.3	188.9	190.1	190.1	209.3	237.4	267.1
-80°	95.0	107.3	121.6	135.4	139.4	140.7	140.8	140.0	155.6	175.9	197.6
-82.5°	66.0	74.9	84.0	93.3	94.6	93.9	92.6	91.2	103.9	118.5	133.5
-85°	38.5	42.2	47.8	53.5	54.1	53.8	52.9	51.2	58.2	66.2	74.6
-87.5°	19.3	21.1	23.0	24.8	24.2	23.2	21.9	20.4	22.4	24.4	26.5
-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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	1.7	1.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.1	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.1	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	1.7	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.1	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.1	1.8	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.1	1.8	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	2.1	1.6	1.0	0.5	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.7	2.6	1.9	1.8	1.9	2.1	1.7	1.5	1.4	1.5	1.7
60°	11.7	6.7	6.8	8.7	7.4	3.4	6.7	8.5	8.0	6.0	5.3
57.5°	59.2	49.6	34.6	58.0	59.7	41.6	45.1	58.9	57.1	44.1	44.0
55°	149.0	151.1	162.2	176.9	187.8	192.8	197.2	219.4	243.1	266.2	277.8
52.5°	246.1	274.9	310.7	334.4	350.9	384.8	432.4	454.2	475.4	499.4	516.9
50°	362.4	412.4	448.4	453.6	510.1	546.7	555.3	596.2	640.8	668.6	688.5
47.5°	539.2	602.5	633.7	653.8	722.5	797.8	797.9	821.4	933.0	991.4	1019.5
45°	776.6	829.4	884.8	1028.7	1161.0	1203.0	1292.9	1414.6	1493.7	1602.6	1722.3
42.5°	978.8	1077.9	1216.6	1375.1	1507.8	1618.2	1751.7	1898.0	2073.8	2239.1	2381.7
40°	1178.9	1301.5	1473.4	1645.8	1812.8	1965.8	2181.0	2369.2	2576.5	2803.9	2993.4
37.5°	1440.0	1597.0	1774.6	1991.9	2251.9	2421.8	2717.8	2988.2	3221.8	3496.3	3665.5
35°	1841.0	2045.6	2202.8	2642.3	2958.5	3157.1	3507.6	3952.0	4122.6	4468.4	4632.5
32.5°	2345.2	2617.1	3030.9	3612.8	4035.1	4400.8	4924.7	5375.6	5759.9	6107.2	6468.5
30°	2911.7	3331.2	3941.2	4714.4	5143.4	5655.6	6364.0	6898.6	7501.4	8163.0	8394.8
27.5°	3425.7	4054.2	4762.4	5388.7	6004.8	6642.8	7338.8	8025.7	8678.1	9228.6	9598.1
25°	3902.2	4663.3	5351.6	6020.9	6688.5	7407.0	8194.2	8973.2	9691.1	10257.6	10688.3
22.5°	4393.7	5197.8	5934.1	6613.2	7389.7	8203.9	9041.1	9934.6	10751.6	11339.3	11808.5
20°	4855.7	5750.1	6590.0	7363.1	8097.2	9037.1	10001.1	10948.9	11838.6	12538.7	13079.7
17.5°	5589.2	6365.5	7392.0	8396.5	9223.4	10086.9	11375.1	12353.3	13340.6	14179.0	14752.6
15°	6489.9	7343.6	8403.5	9783.0	10916.1	11905.4	13236.2	14827.5	15992.0	17062.3	17796.6
12.5°	7391.4	8356.9	9503.4	11055.8	12669.0	13834.4	15448.9	17465.3	18821.7	20478.8	21295.8
10°	8082.3	9294.7	10475.5	11892.1	13441.4	15100.8	16841.3	18727.8	20540.2	21963.1	23235.1
7.5°	8360.4	9651.9	11018.8	12464.2	14013.4	15726.0	17581.0	19544.0	21409.2	22998.6	24396.4
5°	8568.4	9891.7	11267.5	12745.5	14401.6	16190.0	18072.7	20133.6	22038.4	23741.9	25172.0
2.5°	8700.5	10036.2	11406.1	12908.8	14650.6	16492.1	18435.3	20550.7	22484.3	24237.9	25663.4
0°	8751.2	10067.5	11470.4	13017.6	14741.8	16587.7	18614.8	20755.2	22704.0	24399.4	25866.2
-2.5°	8758.0	10038.4	11474.6	13014.2	14664.0	16527.2	18578.7	20701.3	22610.5	24299.1	25779.0
-5°	8689.3	9969.1	11406.7	12922.9	14575.0	16424.1	18387.6	20438.7	22259.6	23903.0	25327.9
-7.5°	8549.9	9826.2	11232.0	12713.5	14321.1	16114.7	18000.5	19907.4	21693.8	23270.0	24629.7
-10°	8343.1	9592.6	10949.7	12393.2	13914.3	15620.3	17418.5	19240.5	20915.6	22373.3	23630.6
-12.5°	8063.1	9283.7	10579.7	11957.8	13373.6	15000.2	16698.1	18409.0	19935.9	21266.6	22394.8
-15°	7699.4	8891.6	10146.5	11449.7	12822.8	14293.6	15817.5	17386.8	18794.9	19975.1	21005.7
-17.5°	7271.1	8427.2	9619.0	10827.1	12130.0	13509.9	14924.4	16333.2	17534.2	18582.6	19525.0
-20°	6793.4	7907.4	9039.4	10165.7	11347.7	12624.0	13930.4	15167.8	16217.4	17170.0	18032.4



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	6258.0	7324.2	8409.2	9463.2	10529.1	11684.8	12851.5	13970.5	14952.3	15767.1	16516.5
-25°	5684.7	6669.9	7694.5	8682.7	9663.7	10699.4	11759.1	12788.7	13652.7	14360.2	14979.5
-27.5°	5107.1	6007.3	6910.1	7840.4	8747.2	9702.8	10662.3	11551.6	12327.3	12978.7	13499.0
-30°	4499.9	5304.7	6129.1	6970.9	7836.7	8711.3	9578.2	10356.9	11034.0	11606.9	12056.7
-32.5°	3995.3	4606.7	5334.5	6098.7	6910.4	7707.2	8461.3	9171.0	9809.1	10309.4	10690.8
-35°	3511.7	4029.5	4574.5	5250.9	5948.2	6681.5	7375.2	8008.6	8577.4	9014.5	9373.3
-37.5°	3095.9	3505.4	3966.4	4449.2	5033.9	5640.0	6266.1	6861.8	7369.0	7750.4	8070.8
-40°	2736.1	3059.4	3427.7	3810.5	4240.6	4676.1	5221.2	5724.0	6138.0	6494.4	6784.8
-42.5°	2410.7	2683.6	2955.5	3269.5	3594.1	3944.2	4326.7	4698.6	5016.3	5314.6	5561.2
-45°	2129.9	2347.8	2564.7	2807.2	3045.4	3330.1	3603.4	3847.3	4104.7	4328.1	4503.8
-47.5°	1884.3	2054.2	2240.1	2421.6	2613.0	2827.4	3030.8	3216.3	3404.9	3568.2	3699.3
-50°	1666.1	1806.9	1958.7	2101.2	2256.0	2412.9	2563.3	2710.9	2854.1	2978.4	3075.0
-52.5°	1475.1	1598.1	1716.3	1829.9	1953.0	2069.1	2178.0	2299.8	2411.8	2509.7	2575.9
-55°	1312.4	1412.9	1509.7	1604.6	1697.7	1785.6	1872.4	1967.0	2053.5	2131.3	2180.6
-57.5°	1159.6	1245.2	1327.2	1404.6	1478.5	1548.5	1621.6	1694.3	1760.9	1819.6	1857.7
-60°	1020.7	1090.6	1161.5	1224.7	1284.3	1340.2	1401.7	1459.9	1513.7	1558.9	1585.2
-62.5°	893.3	956.0	1008.4	1058.4	1109.1	1159.4	1203.2	1246.1	1287.6	1322.6	1345.6
-65°	760.3	813.4	858.0	898.1	934.4	973.4	1010.7	1044.4	1074.4	1097.1	1111.7
-67.5°	641.2	680.3	716.0	747.9	780.3	811.5	840.2	865.8	888.3	904.2	914.6
-70°	537.7	567.6	596.8	625.8	654.7	679.0	699.8	718.9	736.3	743.5	746.7
-72.5°	446.9	473.4	499.0	524.6	548.6	567.6	582.9	597.0	609.6	598.7	579.7
-75°	364.4	387.7	411.7	434.3	455.5	470.0	481.4	491.9	501.4	477.9	445.4
-77.5°	297.0	317.5	335.2	352.8	370.3	379.6	386.8	393.9	400.7	374.3	341.1
-80°	220.3	236.8	251.9	266.7	281.3	286.8	290.0	292.2	293.4	270.9	244.8
-82.5°	148.8	157.4	165.7	174.3	183.2	187.8	191.3	194.0	195.9	179.9	161.9
-85°	83.4	86.0	88.0	89.8	91.2	94.1	96.9	99.4	101.7	94.2	85.8
-87.5°	28.7	28.7	28.5	28.3	28.0	28.1	28.1	28.0	27.8	26.6	25.4
-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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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	0.2	0.4
62.5°	1.9	2.0	2.1	2.1	2.1	2.0	1.9	1.7	1.5	1.4	1.5
60°	4.1	2.5	2.1	2.1	2.1	2.5	4.1	5.3	6.0	8.0	8.5
57.5°	41.0	35.7	32.1	28.8	32.1	35.7	41.0	44.0	44.1	57.1	58.9
55°	272.8	254.1	231.0	203.9	231.0	254.1	272.8	277.8	266.2	243.1	219.4
52.5°	535.2	553.0	563.3	562.4	563.3	553.0	535.2	516.9	499.4	475.4	454.2
50°	704.5	714.2	714.7	706.6	714.7	714.2	704.5	688.5	668.6	640.8	596.2
47.5°	1032.2	1018.6	995.3	970.3	995.3	1018.6	1032.2	1019.5	991.4	933.0	821.4
45°	1801.0	1844.4	1841.6	1786.1	1841.6	1844.4	1801.0	1722.3	1602.6	1493.7	1414.6
42.5°	2461.3	2526.3	2572.3	2595.7	2572.3	2526.3	2461.3	2381.7	2239.1	2073.8	1898.0
40°	3100.1	3162.9	3190.5	3189.0	3190.5	3162.9	3100.1	2993.4	2803.9	2576.5	2369.2
37.5°	3775.2	3856.4	3895.8	3877.0	3895.8	3856.4	3775.2	3665.5	3496.3	3221.8	2988.2
35°	4703.5	4779.5	4780.9	4742.3	4780.9	4779.5	4703.5	4632.5	4468.4	4122.6	3952.0
32.5°	6755.2	6780.7	6585.3	6516.0	6585.3	6780.7	6755.2	6468.5	6107.2	5759.9	5375.6
30°	8625.4	8805.8	8973.5	9058.1	8973.5	8805.8	8625.4	8394.8	8163.0	7501.4	6898.6
27.5°	9876.6	10093.5	10227.9	10236.5	10227.9	10093.5	9876.6	9598.1	9228.6	8678.1	8025.7
25°	11014.6	11257.2	11403.7	11454.0	11403.7	11257.2	11014.6	10688.3	10257.6	9691.1	8973.2
22.5°	12206.8	12492.7	12682.2	12720.9	12682.2	12492.7	12206.8	11808.5	11339.3	10751.6	9934.6
20°	13590.1	13922.9	14104.5	14097.0	14104.5	13922.9	13590.1	13079.7	12538.7	11838.6	10948.9
17.5°	15411.2	15768.1	15924.9	15856.3	15924.9	15768.1	15411.2	14752.6	14179.0	13340.6	12353.3
15°	18550.3	19296.8	19293.8	18995.9	19293.8	19296.8	18550.3	17796.6	17062.3	15992.0	14827.5
12.5°	22422.4	22978.7	23549.5	23672.2	23549.5	22978.7	22422.4	21295.8	20478.8	18821.7	17465.3
10°	24306.5	25045.3	25533.0	25520.1	25533.0	25045.3	24306.5	23235.1	21963.1	20540.2	18727.8
7.5°	25485.2	26301.5	26892.4	26879.7	26892.4	26301.5	25485.2	24396.4	22998.6	21409.2	19544.0
5°	26394.9	27300.2	27823.7	27862.4	27823.7	27300.2	26394.9	25172.0	23741.9	22038.4	20133.6
2.5°	26867.5	27812.5	28441.7	28358.9	28441.7	27812.5	26867.5	25663.4	24237.9	22484.3	20550.7
0°	27065.2	28000.4	28587.5	28840.9	28587.5	28000.4	27065.2	25866.2	24399.4	22704.0	20755.2
-2.5°	26978.8	27888.9	28537.7	28562.8	28537.7	27888.9	26978.8	25779.0	24299.1	22610.5	20701.3
-5°	26516.6	27477.0	27911.7	28142.6	27911.7	27477.0	26516.6	25327.9	23903.0	22259.6	20438.7
-7.5°	25771.1	26490.8	27043.0	27297.9	27043.0	26490.8	25771.1	24629.7	23270.0	21693.8	19907.4
-10°	24610.9	25356.0	25822.6	26033.1	25822.6	25356.0	24610.9	23630.6	22373.3	20915.6	19240.5
-12.5°	23325.6	24002.7	24446.4	24624.0	24446.4	24002.7	23325.6	22394.8	21266.6	19935.9	18409.0
-15°	21891.7	22506.4	22914.8	23085.1	22914.8	22506.4	21891.7	21005.7	19975.1	18794.9	17386.8
-17.5°	20313.1	20851.8	21258.7	21381.4	21258.7	20851.8	20313.1	19525.0	18582.6	17534.2	16333.2
-20°	18690.0	19177.0	19512.1	19585.1	19512.1	19177.0	18690.0	18032.4	17170.0	16217.4	15167.8



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	17054.5	17455.7	17727.9	17819.6	17727.9	17455.7	17054.5	16516.5	15767.1	14952.3	13970.5
-25°	15456.2	15802.4	16021.5	16103.5	16021.5	15802.4	15456.2	14979.5	14360.2	13652.7	12788.7
-27.5°	13918.9	14241.7	14443.0	14469.9	14443.0	14241.7	13918.9	13499.0	12978.7	12327.3	11551.6
-30°	12406.4	12673.1	12828.2	12894.0	12828.2	12673.1	12406.4	12056.7	11606.9	11034.0	10356.9
-32.5°	10992.9	11225.9	11365.2	11402.5	11365.2	11225.9	10992.9	10690.8	10309.4	9809.1	9171.0
-35°	9658.5	9873.6	9997.1	9987.2	9997.1	9873.6	9658.5	9373.3	9014.5	8577.4	8008.6
-37.5°	8335.7	8534.2	8646.2	8635.8	8646.2	8534.2	8335.7	8070.8	7750.4	7369.0	6861.8
-40°	7023.5	7194.7	7293.4	7317.4	7293.4	7194.7	7023.5	6784.8	6494.4	6138.0	5724.0
-42.5°	5766.2	5924.2	6003.2	5972.1	6003.2	5924.2	5766.2	5561.2	5314.6	5016.3	4698.6
-45°	4626.8	4708.5	4762.3	4795.8	4762.3	4708.5	4626.8	4503.8	4328.1	4104.7	3847.3
-47.5°	3795.2	3862.9	3899.5	3905.9	3899.5	3862.9	3795.2	3699.3	3568.2	3404.9	3216.3
-50°	3150.2	3207.9	3233.3	3226.1	3233.3	3207.9	3150.2	3075.0	2978.4	2854.1	2710.9
-52.5°	2623.5	2656.9	2679.5	2690.4	2679.5	2656.9	2623.5	2575.9	2509.7	2411.8	2299.8
-55°	2217.6	2243.7	2258.9	2264.0	2258.9	2243.7	2217.6	2180.6	2131.3	2053.5	1967.0
-57.5°	1889.4	1914.2	1923.2	1920.0	1923.2	1914.2	1889.4	1857.7	1819.6	1760.9	1694.3
-60°	1605.5	1619.7	1630.3	1635.7	1630.3	1619.7	1605.5	1585.2	1558.9	1513.7	1459.9
-62.5°	1363.9	1377.2	1388.3	1394.7	1388.3	1377.2	1363.9	1345.6	1322.6	1287.6	1246.1
-65°	1121.9	1127.7	1129.4	1126.9	1129.4	1127.7	1121.9	1111.7	1097.1	1074.4	1044.4
-67.5°	922.4	927.3	930.6	931.1	930.6	927.3	922.4	914.6	904.2	888.3	865.8
-70°	749.8	751.9	749.5	743.7	749.5	751.9	749.8	746.7	743.5	736.3	718.9
-72.5°	560.2	539.6	519.2	496.5	519.2	539.6	560.2	579.7	598.7	609.6	597.0
-75°	411.8	377.1	364.5	352.3	364.5	377.1	411.8	445.4	477.9	501.4	491.9
-77.5°	306.3	270.2	260.5	251.3	260.5	270.2	306.3	341.1	374.3	400.7	393.9
-80°	217.6	189.4	183.2	177.2	183.2	189.4	217.6	244.8	270.9	293.4	292.2
-82.5°	143.0	123.3	119.4	115.4	119.4	123.3	143.0	161.9	179.9	195.9	194.0
-85°	77.0	67.7	65.9	63.9	65.9	67.7	77.0	85.8	94.2	101.7	99.4
-87.5°	24.0	22.6	22.7	22.7	22.7	22.6	24.0	25.4	26.6	27.8	28.0
-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-SA4E-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	0.5	0.9	1.3	1.7	1.7	1.6	1.5	1.5
85°	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.1
82.5°	0.0	0.0	0.0	0.6	1.1	1.6	2.1	2.1	2.1	2.1	2.1
80°	0.0	0.0	0.1	0.6	1.1	1.7	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.0	0.1	0.6	1.2	1.7	2.1	2.1	2.1	2.1	2.1
75°	0.0	0.0	0.2	0.7	1.2	1.8	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.0	0.1	0.6	1.3	1.8	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.0	0.1	0.1	0.1	0.6	1.2	1.7	2.0	2.1	2.1
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.6	2.1	2.1
65°	0.5	0.4	0.5	1.0	1.6	2.1	2.2	1.9	1.9	2.2	2.1
62.5°	1.7	2.1	1.9	1.8	1.9	2.6	2.7	2.8	2.6	3.2	4.7
60°	6.7	3.4	7.4	8.7	6.8	6.7	11.7	10.9	4.2	15.4	18.7
57.5°	45.1	41.6	59.7	58.0	34.6	49.6	59.2	39.7	27.5	43.8	52.8
55°	197.2	192.8	187.8	176.9	162.2	151.1	149.0	148.7	118.1	85.6	97.1
52.5°	432.4	384.8	350.9	334.4	310.7	274.9	246.1	240.4	233.2	193.0	159.4
50°	555.3	546.7	510.1	453.6	448.4	412.4	362.4	327.9	323.5	295.9	245.1
47.5°	797.9	797.8	722.5	653.8	633.7	602.5	539.2	446.0	437.5	414.1	357.4
45°	1292.9	1203.0	1161.0	1028.7	884.8	829.4	776.6	664.5	573.0	537.0	497.1
42.5°	1751.7	1618.2	1507.8	1375.1	1216.6	1077.9	978.8	855.7	745.1	668.6	611.5
40°	2181.0	1965.8	1812.8	1645.8	1473.4	1301.5	1178.9	1024.1	898.1	795.4	735.0
37.5°	2717.8	2421.8	2251.9	1991.9	1774.6	1597.0	1440.0	1243.0	1040.4	956.8	881.9
35°	3507.6	3157.1	2958.5	2642.3	2202.8	2045.6	1841.0	1546.1	1289.7	1146.5	1053.9
32.5°	4924.7	4400.8	4035.1	3612.8	3030.9	2617.1	2345.2	2017.1	1606.4	1400.4	1246.8
30°	6364.0	5655.6	5143.4	4714.4	3941.2	3331.2	2911.7	2447.3	2004.7	1670.0	1461.5
27.5°	7338.8	6642.8	6004.8	5388.7	4762.4	4054.2	3425.7	2829.4	2345.6	1971.3	1702.0
25°	8194.2	7407.0	6688.5	6020.9	5351.6	4663.3	3902.2	3232.2	2664.0	2236.0	1884.4
22.5°	9041.1	8203.9	7389.7	6613.2	5934.1	5197.8	4393.7	3622.7	2969.7	2526.4	2104.0
20°	10001.1	9037.1	8097.2	7363.1	6590.0	5750.1	4855.7	4120.7	3480.9	2873.5	2344.1
17.5°	11375.1	10086.9	9223.4	8396.5	7392.0	6365.5	5589.2	4818.6	4030.8	3240.3	2595.9
15°	13236.2	11905.4	10916.1	9783.0	8403.5	7343.6	6489.9	5554.1	4621.0	3674.3	2895.8
12.5°	15448.9	13834.4	12669.0	11055.8	9503.4	8356.9	7391.4	6344.0	5197.7	4066.7	3174.7
10°	16841.3	15100.8	13441.4	11892.1	10475.5	9294.7	8082.3	6803.2	5528.3	4362.7	3415.9
7.5°	17581.0	15726.0	14013.4	12464.2	11018.8	9651.9	8360.4	7072.4	5794.1	4594.0	3619.8
5°	18072.7	16190.0	14401.6	12745.5	11267.5	9891.7	8568.4	7254.8	5994.1	4764.4	3786.5
2.5°	18435.3	16492.1	14650.6	12908.8	11406.1	10036.2	8700.5	7361.1	6098.5	4855.8	3844.6
0°	18614.8	16587.7	14741.8	13017.6	11470.4	10067.5	8751.2	7399.8	6122.5	4894.7	3868.8
-2.5°	18578.7	16527.2	14664.0	13014.2	11474.6	10038.4	8758.0	7420.7	6129.2	4923.8	3885.9
-5°	18387.6	16424.1	14575.0	12922.9	11406.7	9969.1	8689.3	7375.2	6081.1	4900.6	3869.7
-7.5°	18000.5	16114.7	14321.1	12713.5	11232.0	9826.2	8549.9	7263.9	5983.7	4820.7	3821.3
-10°	17418.5	15620.3	13914.3	12393.2	10949.7	9592.6	8343.1	7075.7	5823.0	4689.4	3737.7
-12.5°	16698.1	15000.2	13373.6	11957.8	10579.7	9283.7	8063.1	6810.4	5599.6	4507.0	3618.3
-15°	15817.5	14293.6	12822.8	11449.7	10146.5	8891.6	7699.4	6480.1	5315.5	4272.2	3463.5
-17.5°	14924.4	13509.9	12130.0	10827.1	9619.0	8427.2	7271.1	6112.8	4998.6	4019.0	3282.1
-20°	13930.4	12624.0	11347.7	10165.7	9039.4	7907.4	6793.4	5679.5	4635.6	3782.0	3121.6



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	12851.5	11684.8	10529.1	9463.2	8409.2	7324.2	6258.0	5206.5	4216.1	3516.2	2939.6
-25°	11759.1	10699.4	9663.7	8682.7	7694.5	6669.9	5684.7	4724.7	3905.9	3265.3	2743.1
-27.5°	10662.3	9702.8	8747.2	7840.4	6910.1	6007.3	5107.1	4236.9	3570.1	3025.4	2560.0
-30°	9578.2	8711.3	7836.7	6970.9	6129.1	5304.7	4499.9	3840.8	3261.2	2768.9	2355.2
-32.5°	8461.3	7707.2	6910.4	6098.7	5334.5	4606.7	3995.3	3439.9	2938.9	2532.8	2172.8
-35°	7375.2	6681.5	5948.2	5250.9	4574.5	4029.5	3511.7	3057.4	2656.8	2297.2	1991.0
-37.5°	6266.1	5640.0	5033.9	4449.2	3966.4	3505.4	3095.9	2725.0	2378.8	2092.8	1829.2
-40°	5221.2	4676.1	4240.6	3810.5	3427.7	3059.4	2736.1	2417.4	2150.0	1898.4	1671.4
-42.5°	4326.7	3944.2	3594.1	3269.5	2955.5	2683.6	2410.7	2162.7	1929.4	1718.5	1530.0
-45°	3603.4	3330.1	3045.4	2807.2	2564.7	2347.8	2129.9	1925.5	1729.5	1557.5	1390.3
-47.5°	3030.8	2827.4	2613.0	2421.6	2240.1	2054.2	1884.3	1708.2	1556.2	1403.0	1263.6
-50°	2563.3	2412.9	2256.0	2101.2	1958.7	1806.9	1666.1	1527.5	1393.7	1266.6	1139.7
-52.5°	2178.0	2069.1	1953.0	1829.9	1716.3	1598.1	1475.1	1363.6	1248.3	1136.3	1025.4
-55°	1872.4	1785.6	1697.7	1604.6	1509.7	1412.9	1312.4	1212.3	1113.1	1011.0	927.3
-57.5°	1621.6	1548.5	1478.5	1404.6	1327.2	1245.2	1159.6	1070.2	989.0	911.9	835.9
-60°	1401.7	1340.2	1284.3	1224.7	1161.5	1090.6	1020.7	950.4	880.1	813.1	747.9
-62.5°	1203.2	1159.4	1109.1	1058.4	1008.4	956.0	893.3	831.4	771.8	714.3	660.5
-65°	1010.7	973.4	934.4	898.1	858.0	813.4	760.3	711.9	665.0	617.7	573.2
-67.5°	840.2	811.5	780.3	747.9	716.0	680.3	641.2	600.9	563.4	524.7	491.5
-70°	699.8	679.0	654.7	625.8	596.8	567.6	537.7	506.1	472.0	437.2	410.5
-72.5°	582.9	567.6	548.6	524.6	499.0	473.4	446.9	418.8	388.7	356.5	330.8
-75°	481.4	470.0	455.5	434.3	411.7	387.7	364.4	338.8	309.6	276.5	250.5
-77.5°	386.8	379.6	370.3	352.8	335.2	317.5	297.0	267.1	237.4	209.3	190.1
-80°	290.0	286.8	281.3	266.7	251.9	236.8	220.3	197.6	175.9	155.6	140.0
-82.5°	191.3	187.8	183.2	174.3	165.7	157.4	148.8	133.5	118.5	103.9	91.2
-85°	96.9	94.1	91.2	89.8	88.0	86.0	83.4	74.6	66.2	58.2	51.2
-87.5°	28.1	28.1	28.0	28.3	28.5	28.7	28.7	26.5	24.4	22.4	20.4
-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: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
85°	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.8	1.6	1.4	1.3
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.1	2.1
67.5°	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.6	2.7	2.1	2.1
65°	2.1	2.1	2.2	3.1	2.9	2.1	2.1	4.0	3.4	3.0	2.1
62.5°	4.1	2.1	5.4	7.2	4.6	3.7	3.0	8.6	5.6	3.9	2.8
60°	9.3	7.6	14.4	22.0	15.8	6.2	9.0	14.8	13.6	5.0	3.9
57.5°	47.7	21.7	32.2	41.9	39.9	22.4	18.2	25.2	23.0	13.4	5.3
55°	98.9	84.1	66.9	66.6	67.4	53.3	37.9	39.1	34.6	24.6	7.9
52.5°	150.3	145.7	129.7	105.7	97.0	87.7	71.7	55.4	51.4	36.7	19.4
50°	214.3	202.6	190.0	165.3	134.0	121.7	105.3	84.6	70.0	51.3	32.0
47.5°	287.5	267.1	248.1	224.2	190.0	157.6	139.3	114.9	90.4	70.5	44.8
45°	401.7	335.4	309.6	282.0	246.8	206.4	174.7	144.7	117.2	89.8	57.7
42.5°	519.1	426.8	372.8	341.7	304.8	259.3	211.5	177.8	143.6	109.0	72.9
40°	637.2	523.0	441.0	402.2	364.7	312.0	258.4	212.4	169.4	129.0	89.5
37.5°	764.8	630.6	519.7	465.2	425.6	368.7	306.0	247.7	195.9	150.6	106.0
35°	923.5	758.2	605.4	538.0	484.9	426.5	353.1	286.1	227.6	172.3	122.2
32.5°	1102.1	899.0	728.2	617.4	545.1	485.4	403.3	329.4	260.1	194.1	138.1
30°	1279.6	1044.0	844.7	696.0	609.2	540.5	456.8	372.9	293.3	215.8	154.3
27.5°	1415.2	1169.1	953.8	790.5	680.1	595.5	510.1	416.6	327.0	239.7	172.1
25°	1553.6	1285.0	1059.6	883.0	749.5	651.5	561.3	460.4	362.9	267.2	189.4
22.5°	1715.3	1395.0	1148.8	966.6	823.1	708.3	610.2	504.7	399.2	294.4	206.3
20°	1873.5	1496.4	1231.0	1064.1	903.6	771.8	658.2	546.9	434.7	321.1	222.6
17.5°	2035.7	1638.8	1367.2	1165.1	986.6	834.5	705.6	587.0	469.2	347.2	238.2
15°	2280.1	1829.3	1504.7	1264.8	1066.9	896.0	752.0	624.7	502.5	372.4	252.1
12.5°	2510.4	2008.7	1638.0	1362.2	1144.0	955.6	797.0	660.1	534.2	393.2	263.8
10°	2714.0	2175.6	1765.7	1456.2	1217.2	1012.8	840.1	687.9	553.0	409.9	274.1
7.5°	2891.2	2328.8	1886.2	1545.6	1279.7	1051.5	862.1	702.4	567.3	424.6	283.2
5°	3026.7	2432.9	1952.4	1581.3	1303.1	1069.3	877.8	714.1	578.7	437.1	291.1
2.5°	3071.5	2467.6	1978.6	1601.5	1320.2	1082.0	889.9	723.1	587.3	447.4	297.6
0°	3092.2	2484.4	1992.1	1613.0	1330.8	1089.8	898.2	729.3	593.3	455.3	302.8
-2.5°	3114.9	2507.3	2011.0	1630.9	1341.9	1100.4	907.0	738.9	601.9	464.2	311.5
-5°	3113.3	2511.6	2017.1	1639.6	1346.2	1106.1	912.1	745.8	608.0	470.7	318.8
-7.5°	3080.4	2492.1	2009.3	1637.9	1343.8	1106.8	913.5	749.8	611.9	474.8	324.6
-10°	3021.5	2451.7	1986.7	1623.0	1335.0	1101.9	911.2	751.1	613.4	476.6	328.7
-12.5°	2938.6	2394.2	1950.3	1598.8	1319.1	1091.6	904.6	747.6	612.4	476.0	331.0
-15°	2832.1	2320.1	1900.0	1565.2	1296.2	1076.3	893.9	740.3	607.1	472.6	331.5
-17.5°	2703.3	2230.2	1835.8	1522.4	1266.1	1055.9	879.2	730.3	599.9	466.5	330.8
-20°	2583.7	2135.5	1761.7	1470.4	1229.0	1030.5	860.4	717.5	590.8	458.8	329.3

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Scaled Data Report



REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	2450.1	2037.1	1696.1	1420.6	1189.7	1000.3	837.6	701.9	580.1	449.8	326.3
-25°	2297.2	1925.6	1621.1	1365.2	1151.4	971.3	814.2	683.7	567.7	439.5	321.9
-27.5°	2153.4	1810.7	1537.1	1301.2	1107.2	938.0	791.0	666.8	553.4	428.0	316.2
-30°	2006.8	1710.5	1456.5	1234.2	1058.4	900.9	765.0	648.6	537.3	417.9	309.2
-32.5°	1857.7	1601.4	1370.2	1176.2	1011.3	861.0	736.5	629.2	520.6	407.9	303.4
-35°	1729.5	1494.0	1277.5	1113.8	962.9	826.9	708.2	608.5	503.2	396.6	297.1
-37.5°	1593.1	1385.1	1205.4	1051.8	911.1	789.7	680.9	584.2	485.4	384.0	289.4
-40°	1471.1	1283.5	1127.7	991.9	864.4	749.6	650.6	558.3	468.8	370.2	280.5
-42.5°	1346.7	1191.2	1052.0	927.3	817.5	712.7	617.5	530.6	447.2	357.3	270.3
-45°	1237.9	1096.6	973.6	868.7	768.5	672.6	585.2	501.9	424.1	344.1	259.6
-47.5°	1125.3	1005.4	900.5	807.5	720.2	631.0	551.2	475.4	400.2	329.3	248.7
-50°	1020.4	919.1	831.7	748.5	667.0	592.0	517.1	448.0	378.4	309.9	236.4
-52.5°	927.0	842.6	764.9	689.0	619.1	551.4	486.5	420.2	355.6	290.7	222.8
-55°	844.5	769.2	699.3	633.7	571.1	515.1	455.4	394.0	331.9	270.8	208.3
-57.5°	765.5	697.7	638.3	580.0	526.6	477.9	424.9	366.8	308.0	250.0	195.4
-60°	686.1	631.5	578.6	529.7	483.5	439.3	394.3	338.8	283.3	228.5	179.9
-62.5°	610.0	564.2	523.6	480.5	438.2	399.2	362.7	309.9	257.5	207.3	162.6
-65°	535.2	500.2	467.4	427.0	390.1	357.6	327.4	280.0	230.4	184.8	144.5
-67.5°	461.3	432.4	403.1	370.3	342.9	316.4	289.6	246.7	201.6	161.0	126.3
-70°	386.6	362.2	341.2	320.3	297.7	274.3	247.6	211.0	171.5	138.5	107.4
-72.5°	313.5	298.4	285.9	271.2	252.0	229.9	204.8	175.0	144.3	115.3	87.9
-75°	241.4	238.3	234.5	225.1	206.6	185.9	165.7	142.8	116.4	91.4	71.6
-77.5°	190.1	188.9	186.3	179.6	163.5	146.6	129.0	109.8	89.8	72.6	56.3
-80°	140.8	140.7	139.4	135.4	121.6	107.3	95.0	82.7	68.0	54.0	40.7
-82.5°	92.6	93.9	94.6	93.3	84.0	74.9	66.0	57.2	45.9	35.1	27.2
-85°	52.9	53.8	54.1	53.5	47.8	42.2	38.5	34.7	28.7	23.2	18.2
-87.5°	21.9	23.2	24.2	24.8	23.0	21.1	19.3	17.4	14.4	11.6	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

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REPORT NUMBER: P627512 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
70°	2.1	2.1	2.1	2.1	1.4	0.7	0.0
67.5°	2.3	2.1	2.1	2.1	1.6	0.8	0.0
65°	2.5	2.3	2.1	2.1	1.8	0.9	0.0
62.5°	2.8	2.8	2.1	2.1	1.9	1.0	0.0
60°	3.3	3.3	2.1	2.1	2.1	1.0	0.0
57.5°	5.6	3.9	2.7	2.1	2.1	1.1	0.0
55°	8.5	4.5	3.3	2.1	2.2	1.2	0.0
52.5°	11.9	5.7	3.9	2.1	2.2	1.3	0.0
50°	15.7	9.3	4.6	2.1	2.2	1.3	0.0
47.5°	21.0	13.1	5.3	2.2	2.3	1.4	0.0
45°	32.1	17.1	6.1	2.8	2.3	1.5	0.0
42.5°	43.2	21.4	6.8	3.4	2.4	1.5	0.0
40°	54.3	25.9	9.0	4.1	2.5	1.6	0.0
37.5°	65.2	30.7	12.5	5.0	2.6	1.7	0.0
35°	76.1	38.1	16.1	5.9	2.6	1.7	0.0
32.5°	87.6	46.7	19.7	7.0	2.7	1.8	0.0
30°	100.5	55.0	23.3	8.1	2.8	1.8	0.0
27.5°	113.0	63.2	27.5	9.2	2.9	1.9	0.0
25°	125.0	71.0	31.6	10.5	3.0	1.9	0.0
22.5°	136.6	78.6	35.7	11.7	3.1	1.9	0.0
20°	147.6	86.0	39.6	13.0	3.3	2.0	0.0
17.5°	157.8	93.0	43.4	14.3	3.4	2.0	0.0
15°	167.1	99.5	47.0	15.6	3.5	2.0	0.0
12.5°	175.7	105.6	50.4	16.9	3.6	2.1	0.0
10°	183.5	111.1	53.6	18.2	3.7	2.1	0.0
7.5°	190.4	116.1	56.6	19.4	3.8	2.1	0.0
5°	196.5	120.6	59.3	20.6	3.9	2.1	0.0
2.5°	201.7	124.4	61.7	21.7	4.0	2.1	0.0
0°	206.0	127.7	63.9	22.7	4.1	2.1	0.0
-2.5°	211.6	131.7	66.8	24.1	4.7	2.2	0.0
-5°	216.3	135.1	69.4	25.4	5.3	2.4	0.0
-7.5°	219.9	137.9	71.6	26.6	5.9	2.5	0.0
-10°	222.5	139.9	73.4	27.7	6.5	2.6	0.0
-12.5°	224.1	141.3	74.7	28.6	7.0	2.7	0.0
-15°	224.6	141.9	75.6	29.3	7.6	2.8	0.0
-17.5°	223.9	141.9	76.0	29.8	8.0	2.9	0.0
-20°	223.3	141.1	75.9	30.2	8.5	3.0	0.0

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CATALOG NUMBER: GFLD-SA4E-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	223.4	139.5	75.3	30.4	8.8	3.0	0.0
-25°	222.4	139.0	74.2	30.4	9.2	3.1	0.0
-27.5°	220.3	138.4	72.4	30.1	9.4	3.1	0.0
-30°	217.1	136.9	70.4	29.7	9.7	3.1	0.0
-32.5°	212.7	134.6	69.5	29.1	9.8	3.2	0.0
-35°	208.5	131.3	68.0	28.2	9.9	3.2	0.0
-37.5°	203.8	127.8	66.0	27.2	10.0	3.1	0.0
-40°	197.9	124.7	63.3	25.9	9.9	3.1	0.0
-42.5°	190.9	120.8	61.4	24.7	9.8	3.1	0.0
-45°	182.8	116.1	60.2	23.7	9.7	3.0	0.0
-47.5°	173.6	110.6	58.4	22.4	9.4	2.9	0.0
-50°	165.5	104.3	56.0	22.0	9.2	2.9	0.0
-52.5°	156.8	97.3	52.9	21.7	8.8	2.8	0.0
-55°	147.1	91.6	49.2	21.2	8.4	2.6	0.0
-57.5°	136.5	85.4	45.0	20.3	7.9	2.5	0.0
-60°	125.2	78.3	40.3	19.2	7.4	2.4	0.0
-62.5°	114.2	70.4	37.5	17.8	6.9	2.2	0.0
-65°	102.2	61.8	34.3	16.3	6.4	2.1	0.0
-67.5°	89.1	54.1	30.7	14.5	5.9	1.9	0.0
-70°	75.1	47.4	26.7	12.5	5.4	1.7	0.0
-72.5°	63.9	40.3	22.4	11.0	4.8	1.5	0.0
-75°	52.4	32.6	17.8	9.6	4.1	1.3	0.0
-77.5°	40.4	24.6	14.7	8.1	3.5	1.1	0.0
-80°	27.9	18.8	11.9	6.6	2.8	0.9	0.0
-82.5°	20.6	14.2	9.0	5.0	2.1	0.7	0.0
-85°	13.8	9.5	6.0	3.3	1.4	0.4	0.0
-87.5°	6.9	4.8	3.0	1.7	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)