

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: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627352 (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-SA4B-740-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

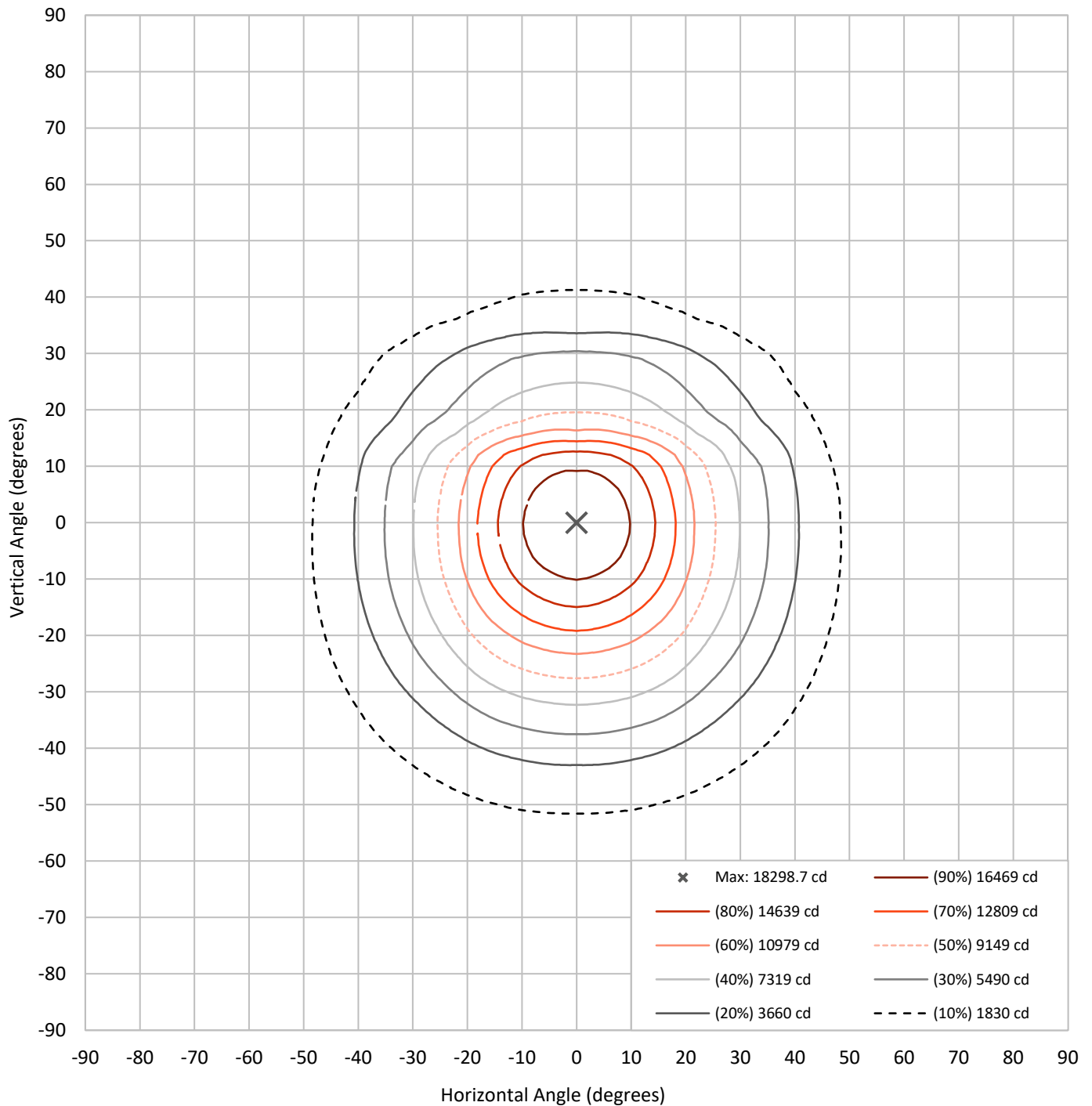
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	16143.4 lumens	Max Intensity:	18298.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7772.3 lumens	Field Lumens:	14453.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	129.5		
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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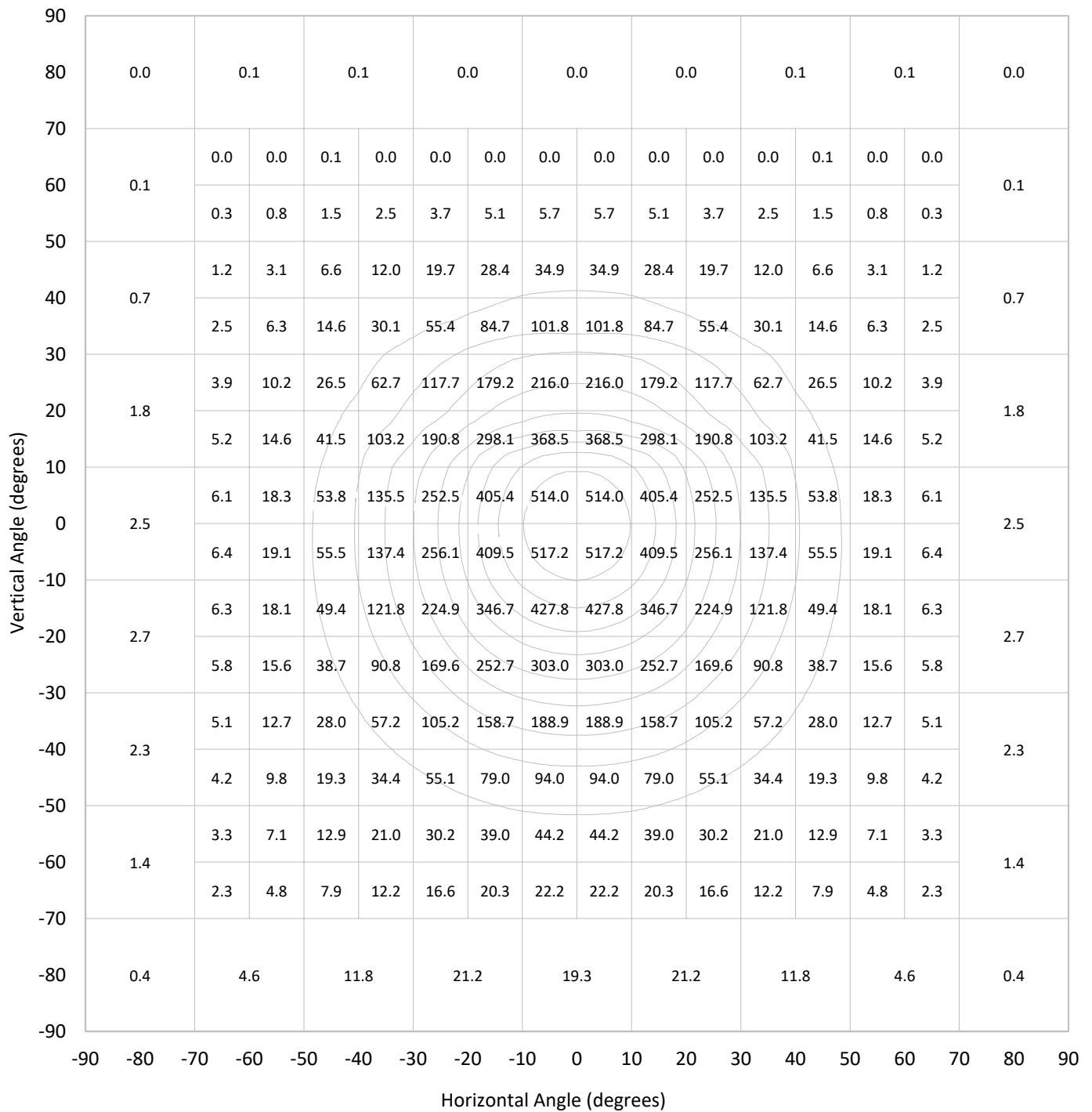
Iso-Candela Plot





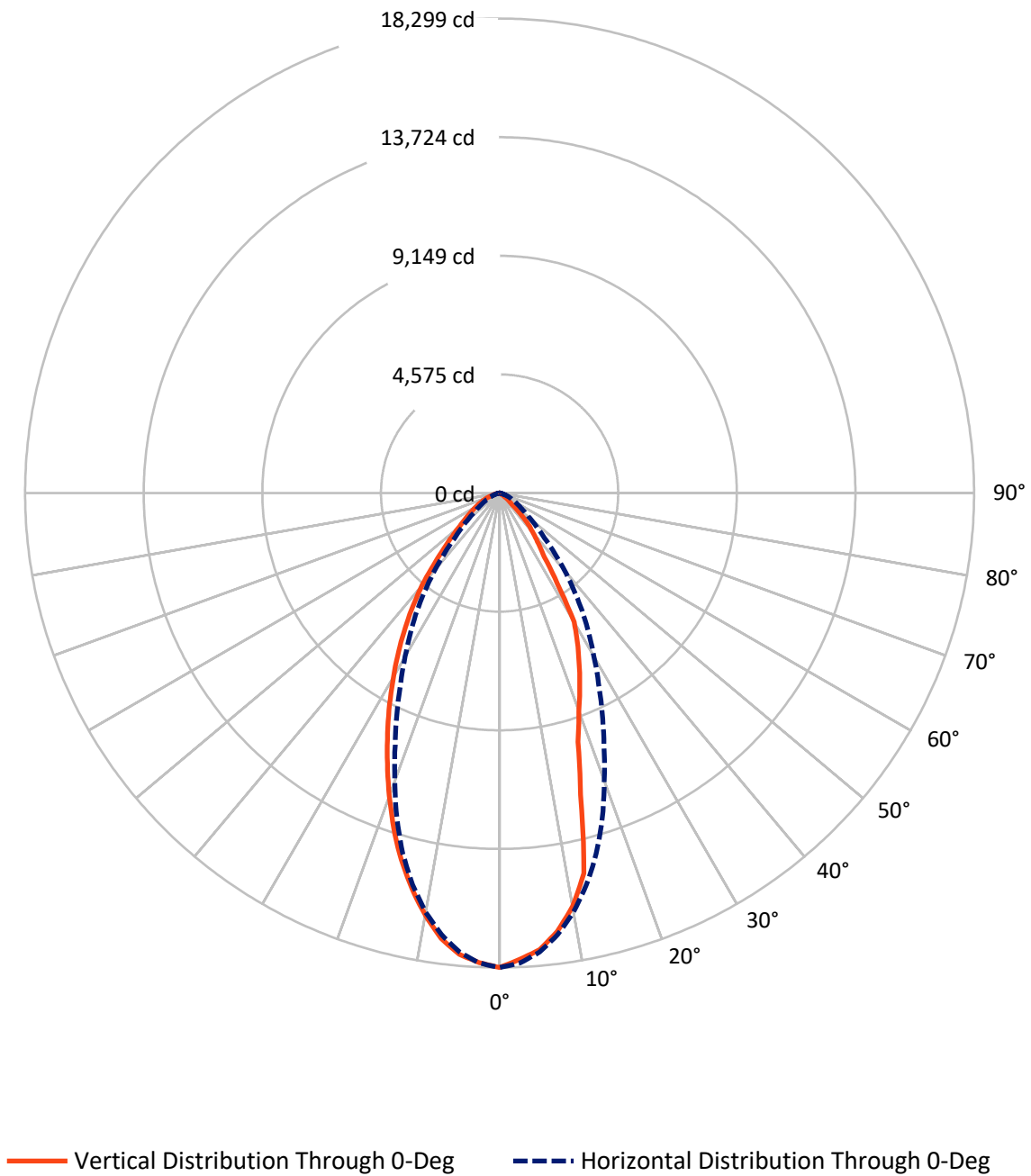
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Lumen Table



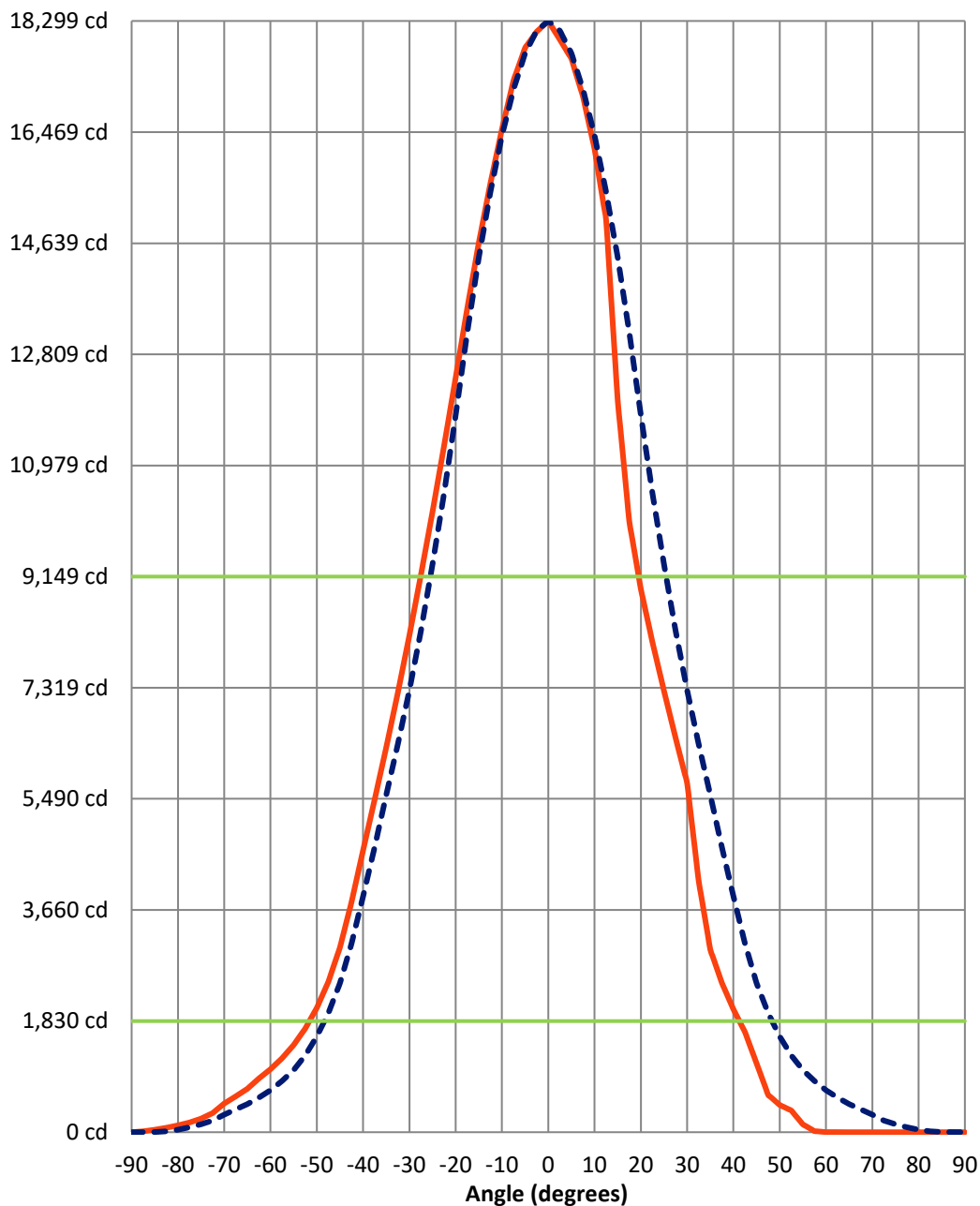
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7772.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 14453.8
 Efficiency: 89.5%

Spill:
 Lumens: 1689.6
 Efficiency: 10.5%

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



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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.3	1.3
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.4	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	0.0	0.5	1.0	1.3	1.3	1.3	1.4	1.3	1.3	1.7	1.6
65°	0.0	0.5	1.1	1.3	1.3	1.4	1.6	1.3	1.9	2.1	2.5
62.5°	0.0	0.6	1.2	1.3	1.3	1.7	1.8	1.8	2.5	3.5	5.4
60°	0.0	0.6	1.3	1.3	1.3	2.1	2.0	2.5	3.1	8.6	9.4
57.5°	0.0	0.7	1.3	1.3	1.7	2.5	3.5	3.4	8.5	14.6	16.0
55°	0.0	0.7	1.3	1.3	2.1	2.9	5.4	5.0	15.6	22.0	24.8
52.5°	0.0	0.8	1.4	1.3	2.5	3.6	7.5	12.3	23.3	32.6	35.2
50°	0.0	0.8	1.4	1.3	2.9	5.9	10.0	20.3	32.6	44.4	53.7
47.5°	0.0	0.9	1.4	1.4	3.4	8.3	13.3	28.5	44.8	57.4	72.9
45°	0.0	0.9	1.5	1.7	3.8	10.8	20.3	36.6	57.0	74.4	91.8
42.5°	0.0	1.0	1.5	2.1	4.3	13.6	27.4	46.3	69.2	91.1	112.8
40°	0.0	1.0	1.5	2.6	5.7	16.4	34.4	56.8	81.8	107.5	134.7
37.5°	0.0	1.0	1.6	3.1	7.9	19.4	41.4	67.3	95.6	124.3	157.1
35°	0.0	1.1	1.7	3.7	10.2	24.1	48.3	77.6	109.3	144.3	181.5
32.5°	0.0	1.1	1.7	4.4	12.5	29.6	55.6	87.7	123.1	165.0	208.9
30°	0.0	1.1	1.8	5.1	14.8	34.9	63.7	97.9	136.9	186.0	236.6
27.5°	0.0	1.2	1.8	5.9	17.4	40.0	71.7	109.2	152.0	207.4	264.3
25°	0.0	1.2	1.9	6.6	20.0	45.0	79.3	120.2	169.5	230.2	292.1
22.5°	0.0	1.2	2.0	7.4	22.6	49.9	86.6	130.8	186.7	253.3	320.2
20°	0.0	1.2	2.1	8.3	25.1	54.6	93.6	141.2	203.7	275.8	347.0
17.5°	0.0	1.2	2.1	9.1	27.5	59.0	100.1	151.1	220.2	297.7	372.4
15°	0.0	1.3	2.2	9.9	29.8	63.1	106.0	159.9	236.2	318.8	396.4
12.5°	0.0	1.3	2.3	10.7	31.9	67.0	111.4	167.3	249.5	339.0	418.8
10°	0.0	1.3	2.3	11.5	34.0	70.5	116.4	173.9	260.1	350.9	436.4
7.5°	0.0	1.3	2.4	12.3	35.8	73.6	120.8	179.7	269.4	360.0	445.6
5°	0.0	1.3	2.5	13.1	37.6	76.5	124.7	184.7	277.3	367.2	453.1
2.5°	0.0	1.3	2.5	13.8	39.1	78.9	128.0	188.8	283.8	372.6	458.8
0°	0.0	1.3	2.6	14.4	40.5	81.0	130.7	192.1	288.9	376.4	462.7
-2.5°	0.0	1.4	3.0	15.3	42.4	83.6	134.3	197.6	294.5	381.9	468.8
-5°	0.0	1.5	3.4	16.1	44.0	85.7	137.2	202.3	298.7	385.8	473.2
-7.5°	0.0	1.5	3.8	16.9	45.4	87.5	139.5	205.9	301.2	388.2	475.8
-10°	0.0	1.6	4.1	17.6	46.5	88.8	141.2	208.5	302.4	389.2	476.6
-12.5°	0.0	1.7	4.5	18.1	47.4	89.6	142.2	210.0	302.0	388.6	474.4
-15°	0.0	1.7	4.8	18.6	47.9	90.0	142.5	210.3	299.8	385.2	469.8
-17.5°	0.0	1.8	5.1	19.0	48.2	90.0	142.1	209.9	295.9	380.6	463.4
-20°	0.0	1.8	5.4	19.2	48.2	89.5	141.7	208.9	291.1	374.8	455.2

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CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	5.6	19.3	47.8	88.5	141.8	207.0	285.3	368.0	445.3
-25°	0.0	1.9	5.8	19.3	47.0	88.2	141.1	204.3	278.8	360.2	433.7
-27.5°	0.0	2.0	6.0	19.2	46.0	87.8	139.8	200.7	271.5	351.1	423.0
-30°	0.0	2.0	6.1	18.9	44.6	86.8	137.7	196.2	265.1	340.9	411.5
-32.5°	0.0	2.0	6.2	18.5	44.1	85.3	134.9	192.5	258.8	330.3	399.1
-35°	0.0	2.0	6.3	18.0	43.2	83.3	132.3	188.5	251.7	319.3	386.0
-37.5°	0.0	2.0	6.3	17.3	41.9	81.1	129.3	183.6	243.7	308.0	370.6
-40°	0.0	2.0	6.3	16.5	40.2	79.1	125.6	178.0	234.8	297.4	354.2
-42.5°	0.0	1.9	6.3	15.7	39.0	76.6	121.1	171.5	226.7	283.8	336.7
-45°	0.0	1.9	6.1	15.1	38.3	73.6	115.9	164.7	218.3	269.1	318.5
-47.5°	0.0	1.8	6.0	14.3	37.1	70.2	110.1	157.8	208.9	253.9	301.6
-50°	0.0	1.8	5.8	14.0	35.5	66.2	105.0	150.0	196.6	240.1	284.3
-52.5°	0.0	1.7	5.6	13.8	33.6	61.8	99.4	141.3	184.4	225.6	266.6
-55°	0.0	1.7	5.3	13.5	31.3	58.1	93.3	132.1	171.8	210.6	250.0
-57.5°	0.0	1.6	5.0	12.9	28.6	54.2	86.6	124.0	158.6	195.4	232.8
-60°	0.0	1.5	4.7	12.2	25.6	49.7	79.4	114.1	145.0	179.7	215.0
-62.5°	0.0	1.4	4.4	11.3	23.9	44.7	72.5	103.1	131.5	163.4	196.7
-65°	0.0	1.3	4.1	10.3	21.8	39.2	64.8	91.7	117.2	146.1	177.6
-67.5°	0.0	1.2	3.7	9.2	19.5	34.4	56.6	80.1	102.1	127.9	156.5
-70°	0.0	1.1	3.4	7.9	17.0	30.1	47.7	68.1	87.8	108.8	133.9
-72.5°	0.0	0.9	3.0	7.0	14.2	25.6	40.5	55.8	73.1	91.6	111.0
-75°	0.0	0.8	2.6	6.1	11.3	20.7	33.3	45.5	58.0	73.9	90.6
-77.5°	0.0	0.7	2.2	5.1	9.3	15.6	25.7	35.7	46.1	57.0	69.7
-80°	0.0	0.6	1.8	4.2	7.6	11.9	17.7	25.8	34.3	43.2	52.5
-82.5°	0.0	0.4	1.3	3.2	5.7	9.0	13.1	17.2	22.2	29.1	36.3
-85°	0.0	0.3	0.9	2.1	3.8	6.1	8.8	11.5	14.7	18.2	22.0
-87.5°	0.0	0.1	0.5	1.1	1.9	3.0	4.4	5.8	7.4	9.1	11.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.0	0.7
65°	1.3	1.3	1.8	1.9	1.4	1.3	1.3	1.3	1.4	1.2	1.2
62.5°	1.9	2.3	2.9	4.5	3.4	1.3	2.5	3.0	2.0	1.6	1.8
60°	5.7	3.9	10.0	13.9	9.1	4.8	5.9	11.8	9.8	2.6	6.9
57.5°	11.5	14.2	25.3	26.6	20.4	13.8	30.2	33.5	27.8	17.5	25.1
55°	24.0	33.8	42.8	42.2	42.5	53.4	62.8	61.6	54.3	74.9	94.3
52.5°	45.5	55.7	61.6	67.1	82.3	92.5	95.4	101.1	122.4	147.9	152.5
50°	66.8	77.3	85.0	104.9	120.5	128.5	136.0	155.5	187.7	205.2	208.0
47.5°	88.4	100.0	120.5	142.3	157.4	169.5	182.4	226.8	262.7	277.6	283.0
45°	110.8	131.0	156.6	178.9	196.5	212.8	254.9	315.4	340.7	363.5	421.6
42.5°	134.2	164.5	193.3	216.8	236.5	270.8	329.3	387.9	424.2	472.7	542.9
40°	163.9	197.9	231.4	255.2	279.8	331.8	404.2	466.3	504.7	569.8	649.8
37.5°	194.1	233.9	270.0	295.1	329.8	400.1	485.2	559.5	607.1	660.1	788.6
35°	224.0	270.6	307.7	341.3	384.1	481.1	586.0	668.7	727.4	818.3	980.9
32.5°	255.9	308.0	345.8	391.7	462.0	570.4	699.2	791.1	888.5	1019.2	1279.8
30°	289.8	342.9	386.5	441.6	535.9	662.4	811.9	927.3	1059.5	1271.9	1552.7
27.5°	323.6	377.8	431.5	501.5	605.1	741.7	897.9	1079.9	1250.8	1488.2	1795.2
25°	356.1	413.3	475.5	560.2	672.2	815.2	985.7	1195.6	1418.7	1690.3	2050.7
22.5°	387.2	449.4	522.2	613.2	728.9	885.1	1088.3	1334.9	1602.9	1884.2	2298.4
20°	417.6	489.7	573.3	675.1	781.0	949.4	1188.7	1487.3	1823.2	2208.5	2614.4
17.5°	447.7	529.5	626.0	739.2	867.5	1039.8	1291.6	1647.1	2055.8	2557.4	3057.2
15°	477.1	568.5	676.9	802.4	954.7	1160.7	1446.7	1837.3	2331.2	2931.8	3523.9
12.5°	505.6	606.3	725.9	864.2	1039.3	1274.5	1592.8	2014.3	2580.2	3297.7	4025.1
10°	533.0	642.6	772.3	923.9	1120.3	1380.3	1722.0	2167.3	2768.0	3507.5	4316.4
7.5°	547.0	667.2	812.0	980.6	1196.8	1477.5	1834.4	2296.7	2914.8	3676.2	4487.3
5°	556.9	678.4	826.8	1003.3	1238.8	1543.6	1920.4	2402.4	3022.9	3803.1	4603.0
2.5°	564.6	686.5	837.7	1016.1	1255.4	1565.6	1948.8	2439.3	3080.9	3869.3	4670.4
0°	569.9	691.4	844.4	1023.4	1263.9	1576.3	1961.9	2454.6	3105.5	3884.5	4694.9
-2.5°	575.5	698.2	851.4	1034.8	1275.9	1590.8	1976.3	2465.5	3124.0	3888.8	4708.2
-5°	578.7	701.8	854.2	1040.3	1279.7	1593.6	1975.3	2455.2	3109.3	3858.3	4679.4
-7.5°	579.6	702.2	852.6	1039.2	1274.8	1581.2	1954.4	2424.5	3058.6	3796.5	4608.7
-10°	578.2	699.1	847.0	1029.8	1260.5	1555.5	1917.0	2371.4	2975.3	3694.5	4489.3
-12.5°	573.9	692.6	836.9	1014.4	1237.4	1519.0	1864.4	2295.7	2859.6	3552.8	4321.0
-15°	567.2	682.9	822.4	993.1	1205.5	1472.0	1796.8	2197.5	2710.6	3372.6	4111.4
-17.5°	557.8	669.9	803.3	965.9	1164.8	1415.0	1715.1	2082.4	2550.0	3171.5	3878.4
-20°	545.9	653.9	779.7	932.9	1117.8	1354.9	1639.3	1980.6	2399.6	2941.2	3603.5

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	531.4	634.7	754.8	901.3	1076.1	1292.5	1554.5	1865.1	2231.0	2675.0	3303.3
-25°	516.6	616.3	730.6	866.2	1028.5	1221.7	1457.5	1740.5	2071.8	2478.2	2997.7
-27.5°	501.9	595.2	702.5	825.6	975.2	1148.8	1366.2	1624.3	1919.5	2265.1	2688.2
-30°	485.3	571.6	671.6	783.1	924.1	1085.3	1273.2	1494.2	1756.8	2069.1	2436.8
-32.5°	467.3	546.2	641.6	746.3	869.3	1016.1	1178.6	1378.5	1607.0	1864.6	2182.4
-35°	449.3	524.6	610.9	706.6	810.5	948.0	1097.3	1263.2	1457.5	1685.6	1939.8
-37.5°	432.0	501.1	578.1	667.3	764.7	878.8	1010.8	1160.6	1327.8	1509.3	1728.9
-40°	412.7	475.6	548.5	629.3	715.4	814.3	933.4	1060.5	1204.5	1364.1	1533.7
-42.5°	391.8	452.2	518.7	588.4	667.4	755.8	854.5	970.7	1090.4	1224.2	1372.2
-45°	371.3	426.7	487.6	551.2	617.7	695.8	785.4	882.1	988.2	1097.4	1221.7
-47.5°	349.7	400.3	457.0	512.4	571.3	637.9	714.0	801.7	890.2	987.4	1083.8
-50°	328.1	375.6	423.2	474.9	527.7	583.1	647.4	723.1	803.6	884.3	969.2
-52.5°	308.7	349.8	392.8	437.2	485.3	534.6	588.1	650.6	721.0	792.0	865.2
-55°	288.9	326.8	362.3	402.1	443.6	488.0	535.8	588.3	641.4	706.2	769.1
-57.5°	269.6	303.2	334.1	368.0	405.0	442.6	485.7	530.3	578.6	627.5	679.0
-60°	250.2	278.8	306.8	336.1	367.2	400.7	435.3	474.5	515.9	558.4	603.0
-62.5°	230.2	253.3	278.0	304.8	332.2	358.0	387.0	419.1	453.2	489.7	527.5
-65°	207.7	226.9	247.5	270.9	296.5	317.4	339.6	363.7	391.9	422.0	451.7
-67.5°	183.8	200.8	217.6	234.9	255.7	274.4	292.7	311.9	332.9	357.5	381.3
-70°	157.1	174.0	188.9	203.2	216.4	229.8	245.3	260.5	277.4	299.5	321.1
-72.5°	129.9	145.9	159.9	172.1	181.4	189.3	198.9	209.9	226.2	246.6	265.7
-75°	105.1	117.9	131.1	142.8	148.8	151.2	153.2	159.0	175.5	196.4	215.0
-77.5°	81.9	93.1	103.8	114.0	118.2	119.8	120.6	120.6	132.8	150.7	169.5
-80°	60.3	68.1	77.1	85.9	88.5	89.3	89.4	88.8	98.7	111.6	125.4
-82.5°	41.9	47.5	53.3	59.2	60.0	59.6	58.7	57.9	65.9	75.2	84.7
-85°	24.4	26.7	30.2	33.9	34.3	34.2	33.5	32.5	37.0	42.0	47.3
-87.5°	12.2	13.4	14.5	15.7	15.3	14.7	13.9	13.0	14.2	15.5	16.8
-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: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.3	1.0	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.7	1.6	1.2	1.1	1.2	1.3	1.1	0.9	0.9	0.9	1.1
60°	7.4	4.2	4.3	5.5	4.7	2.1	4.3	5.4	5.0	3.8	3.3
57.5°	37.5	31.4	22.0	36.8	37.9	26.4	28.6	37.4	36.2	28.0	27.9
55°	94.5	95.9	103.0	112.3	119.2	122.3	125.2	139.2	154.2	168.9	176.3
52.5°	156.1	174.4	197.1	212.2	222.7	244.2	274.3	288.1	301.6	316.9	328.0
50°	229.9	261.7	284.5	287.8	323.6	346.9	352.3	378.3	406.6	424.2	436.8
47.5°	342.1	382.2	402.1	414.8	458.4	506.2	506.3	521.2	592.0	629.0	646.8
45°	492.7	526.2	561.4	652.6	736.6	763.3	820.3	897.5	947.7	1016.8	1092.8
42.5°	621.1	683.9	771.9	872.4	956.6	1026.7	1111.4	1204.2	1315.7	1420.7	1511.1
40°	748.0	825.7	934.8	1044.2	1150.2	1247.3	1383.8	1503.2	1634.7	1779.0	1899.2
37.5°	913.6	1013.2	1125.9	1263.8	1428.8	1536.6	1724.4	1895.9	2044.2	2218.4	2325.7
35°	1168.1	1297.9	1397.6	1676.4	1877.1	2003.1	2225.5	2507.4	2615.7	2835.1	2939.2
32.5°	1487.9	1660.4	1923.0	2292.2	2560.1	2792.2	3124.6	3410.7	3654.5	3874.8	4104.0
30°	1847.4	2113.5	2500.6	2991.1	3263.3	3588.3	4037.8	4377.0	4759.4	5179.1	5326.2
27.5°	2173.5	2572.2	3021.6	3418.9	3809.9	4214.6	4656.2	5092.0	5506.0	5855.3	6089.7
25°	2475.8	2958.7	3395.4	3820.0	4243.6	4699.5	5199.0	5693.3	6148.7	6508.1	6781.4
22.5°	2787.6	3297.8	3765.0	4195.9	4688.6	5205.2	5736.3	6303.2	6821.6	7194.4	7492.1
20°	3080.8	3648.2	4181.1	4671.7	5137.4	5733.8	6345.4	6946.8	7511.2	7955.4	8298.7
17.5°	3546.2	4038.7	4690.0	5327.3	5852.0	6399.8	7217.1	7837.8	8464.2	8996.1	9360.0
15°	4117.6	4659.2	5331.8	6207.0	6925.9	7553.6	8397.9	9407.6	10146.4	10825.5	11291.4
12.5°	4689.6	5302.2	6029.6	7014.5	8038.1	8777.5	9801.8	11081.2	11941.8	12993.2	13511.5
10°	5127.9	5897.2	6646.4	7545.2	8528.2	9581.0	10685.3	11882.2	13032.1	13934.9	14742.0
7.5°	5304.4	6123.8	6991.1	7908.2	8891.0	9977.6	11154.6	12400.0	13583.5	14591.9	15478.8
5°	5436.4	6275.9	7148.9	8086.6	9137.3	10272.1	11466.5	12774.1	13982.7	15063.5	15970.9
2.5°	5520.2	6367.7	7236.8	8190.2	9295.3	10463.7	11696.6	13038.8	14265.6	15378.2	16282.6
0°	5552.3	6387.5	7277.6	8259.2	9353.2	10524.4	11810.5	13168.5	14405.0	15480.7	16411.3
-2.5°	5556.7	6369.0	7280.3	8257.1	9303.9	10486.0	11787.6	13134.3	14345.7	15417.0	16356.0
-5°	5513.1	6325.1	7237.2	8199.2	9247.4	10420.6	11666.3	12967.8	14123.1	15165.8	16069.8
-7.5°	5424.7	6234.4	7126.3	8066.3	9086.3	10224.3	11420.8	12630.7	13764.0	14764.1	15626.8
-10°	5293.5	6086.2	6947.2	7863.1	8828.2	9910.6	11051.5	12207.5	13270.3	14195.1	14992.9
-12.5°	5115.8	5890.2	6712.5	7586.8	8485.1	9517.1	10594.4	11679.9	12648.7	13492.9	14208.8
-15°	4885.0	5641.4	6437.6	7264.5	8135.6	9068.9	10035.7	11031.4	11924.8	12673.5	13327.5
-17.5°	4613.2	5346.8	6102.9	6869.5	7696.0	8571.6	9469.1	10362.9	11124.9	11790.0	12388.0
-20°	4310.2	5017.0	5735.2	6449.8	7199.8	8009.5	8838.4	9623.5	10289.4	10893.8	11440.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3970.5	4646.9	5335.3	6004.1	6680.4	7413.6	8153.8	8863.9	9486.7	10003.8	10479.2
-25°	3606.8	4231.8	4881.9	5508.9	6131.4	6788.4	7460.8	8114.1	8662.2	9111.1	9504.0
-27.5°	3240.3	3811.5	4384.2	4974.5	5549.8	6156.2	6764.9	7329.1	7821.3	8234.6	8564.7
-30°	2855.1	3365.7	3888.8	4422.8	4972.2	5527.0	6077.0	6571.1	7000.7	7364.3	7649.6
-32.5°	2534.9	2922.9	3384.6	3869.5	4384.5	4890.0	5368.4	5818.7	6223.6	6541.0	6782.9
-35°	2228.0	2556.6	2902.4	3331.6	3774.0	4239.2	4679.3	5081.2	5442.1	5719.4	5947.1
-37.5°	1964.2	2224.1	2516.6	2823.0	3193.9	3578.4	3975.7	4353.6	4675.5	4917.4	5120.7
-40°	1735.9	1941.0	2174.8	2417.6	2690.6	2966.9	3312.7	3631.7	3894.4	4120.5	4304.8
-42.5°	1529.5	1702.6	1875.2	2074.4	2280.3	2502.4	2745.2	2981.1	3182.7	3372.0	3528.4
-45°	1351.4	1489.7	1627.2	1781.1	1932.3	2112.9	2286.3	2441.0	2604.3	2746.0	2857.6
-47.5°	1195.6	1303.4	1421.3	1536.5	1657.9	1793.9	1922.9	2040.7	2160.3	2263.9	2347.0
-50°	1057.1	1146.4	1242.7	1333.2	1431.4	1530.9	1626.3	1720.0	1810.8	1889.7	1951.0
-52.5°	935.9	1013.9	1088.9	1161.0	1239.1	1312.7	1381.8	1459.1	1530.2	1592.3	1634.3
-55°	832.7	896.4	957.9	1018.0	1077.1	1132.9	1188.0	1248.0	1302.9	1352.2	1383.5
-57.5°	735.8	790.1	842.1	891.2	938.1	982.4	1028.8	1075.0	1117.3	1154.5	1178.7
-60°	647.6	691.9	737.0	777.1	814.9	850.3	889.4	926.3	960.4	989.1	1005.8
-62.5°	566.8	606.6	639.8	671.5	703.7	735.6	763.4	790.6	817.0	839.2	853.8
-65°	482.4	516.1	544.4	569.9	592.9	617.6	641.3	662.6	681.6	696.1	705.3
-67.5°	406.8	431.7	454.3	474.5	495.1	514.9	533.1	549.3	563.6	573.7	580.3
-70°	341.2	360.1	378.7	397.1	415.4	430.8	444.0	456.2	467.2	471.8	473.8
-72.5°	283.5	300.3	316.6	332.9	348.1	360.1	369.9	378.8	386.8	379.9	367.8
-75°	231.2	246.0	261.2	275.5	289.0	298.2	305.4	312.1	318.1	303.2	282.6
-77.5°	188.4	201.4	212.7	223.9	234.9	240.8	245.4	249.9	254.2	237.5	216.4
-80°	139.8	150.3	159.8	169.2	178.5	182.0	184.0	185.4	186.2	171.9	155.4
-82.5°	94.5	99.9	105.1	110.6	116.2	119.2	121.4	123.1	124.3	114.2	102.7
-85°	52.9	54.6	55.9	57.0	57.9	59.7	61.5	63.1	64.6	59.8	54.4
-87.5°	18.2	18.2	18.1	18.0	17.8	17.8	17.8	17.8	17.7	16.9	16.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	0.9	0.9
60°	2.6	1.6	1.3	1.3	1.3	1.6	2.6	3.3	3.8	5.0	5.4
57.5°	26.0	22.7	20.3	18.3	20.3	22.7	26.0	27.9	28.0	36.2	37.4
55°	173.1	161.2	146.6	129.4	146.6	161.2	173.1	176.3	168.9	154.2	139.2
52.5°	339.6	350.9	357.4	356.8	357.4	350.9	339.6	328.0	316.9	301.6	288.1
50°	447.0	453.1	453.4	448.3	453.4	453.1	447.0	436.8	424.2	406.6	378.3
47.5°	654.9	646.3	631.5	615.6	631.5	646.3	654.9	646.8	629.0	592.0	521.2
45°	1142.7	1170.3	1168.5	1133.2	1168.5	1170.3	1142.7	1092.8	1016.8	947.7	897.5
42.5°	1561.7	1602.9	1632.1	1646.9	1632.1	1602.9	1561.7	1511.1	1420.7	1315.7	1204.2
40°	1967.0	2006.8	2024.3	2023.3	2024.3	2006.8	1967.0	1899.2	1779.0	1634.7	1503.2
37.5°	2395.3	2446.8	2471.7	2459.9	2471.7	2446.8	2395.3	2325.7	2218.4	2044.2	1895.9
35°	2984.2	3032.4	3033.4	3008.8	3033.4	3032.4	2984.2	2939.2	2835.1	2615.7	2507.4
32.5°	4286.0	4302.1	4178.2	4134.2	4178.2	4302.1	4286.0	4104.0	3874.8	3654.5	3410.7
30°	5472.6	5587.0	5693.4	5747.1	5693.4	5587.0	5472.6	5326.2	5179.1	4759.4	4377.0
27.5°	6266.4	6404.0	6489.3	6494.7	6489.3	6404.0	6266.4	6089.7	5855.3	5506.0	5092.0
25°	6988.4	7142.3	7235.3	7267.2	7235.3	7142.3	6988.4	6781.4	6508.1	6148.7	5693.3
22.5°	7744.9	7926.3	8046.4	8071.0	8046.4	7926.3	7744.9	7492.1	7194.4	6821.6	6303.2
20°	8622.5	8833.6	8948.8	8944.1	8948.8	8833.6	8622.5	8298.7	7955.4	7511.2	6946.8
17.5°	9777.9	10004.3	10103.8	10060.3	10103.8	10004.3	9777.9	9360.0	8996.1	8464.2	7837.8
15°	11769.6	12243.2	12241.3	12052.3	12241.3	12243.2	11769.6	11291.4	10825.5	10146.4	9407.6
12.5°	14226.3	14579.3	14941.4	15019.3	14941.4	14579.3	14226.3	13511.5	12993.2	11941.8	11081.2
10°	15421.7	15890.5	16199.8	16191.7	16199.8	15890.5	15421.7	14742.0	13934.9	13032.1	11882.2
7.5°	16169.6	16687.5	17062.4	17054.4	17062.4	16687.5	16169.6	15478.8	14591.9	13583.5	12400.0
5°	16746.8	17321.1	17653.3	17677.8	17653.3	17321.1	16746.8	15970.9	15063.5	13982.7	12774.1
2.5°	17046.6	17646.2	18045.4	17992.8	18045.4	17646.2	17046.6	16282.6	15378.2	14265.6	13038.8
0°	17172.0	17765.4	18137.9	18298.7	18137.9	17765.4	17172.0	16411.3	15480.7	14405.0	13168.5
-2.5°	17117.2	17694.6	18106.3	18122.2	18106.3	17694.6	17117.2	16356.0	15417.0	14345.7	13134.3
-5°	16823.9	17433.3	17709.1	17855.6	17709.1	17433.3	16823.9	16069.8	15165.8	14123.1	12967.8
-7.5°	16350.9	16807.6	17158.0	17319.7	17158.0	16807.6	16350.9	15626.8	14764.1	13764.0	12630.7
-10°	15614.9	16087.6	16383.6	16517.2	16383.6	16087.6	15614.9	14992.9	14195.1	13270.3	12207.5
-12.5°	14799.4	15229.0	15510.5	15623.1	15510.5	15229.0	14799.4	14208.8	13492.9	12648.7	11679.9
-15°	13889.6	14279.6	14538.7	14646.8	14538.7	14279.6	13889.6	13327.5	12673.5	11924.8	11031.4
-17.5°	12888.0	13229.8	13488.0	13565.9	13488.0	13229.8	12888.0	12388.0	11790.0	11124.9	10362.9
-20°	11858.2	12167.2	12379.8	12426.1	12379.8	12167.2	11858.2	11440.9	10893.8	10289.4	9623.5



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10820.5	11075.1	11247.8	11306.0	11247.8	11075.1	10820.5	10479.2	10003.8	9486.7	8863.9
-25°	9806.4	10026.2	10165.2	10217.2	10165.2	10026.2	9806.4	9504.0	9111.1	8662.2	8114.1
-27.5°	8831.1	9035.9	9163.6	9180.7	9163.6	9035.9	8831.1	8564.7	8234.6	7821.3	7329.1
-30°	7871.5	8040.7	8139.1	8180.8	8139.1	8040.7	7871.5	7649.6	7364.3	7000.7	6571.1
-32.5°	6974.6	7122.4	7210.8	7234.5	7210.8	7122.4	6974.6	6782.9	6541.0	6223.6	5818.7
-35°	6128.0	6264.5	6342.9	6336.6	6342.9	6264.5	6128.0	5947.1	5719.4	5442.1	5081.2
-37.5°	5288.8	5414.7	5485.8	5479.1	5485.8	5414.7	5288.8	5120.7	4917.4	4675.5	4353.6
-40°	4456.2	4564.9	4627.5	4642.6	4627.5	4564.9	4456.2	4304.8	4120.5	3894.4	3631.7
-42.5°	3658.5	3758.8	3808.9	3789.1	3808.9	3758.8	3658.5	3528.4	3372.0	3182.7	2981.1
-45°	2935.6	2987.4	3021.5	3042.8	3021.5	2987.4	2935.6	2857.6	2746.0	2604.3	2441.0
-47.5°	2407.9	2450.9	2474.1	2478.2	2474.1	2450.9	2407.9	2347.0	2263.9	2160.3	2040.7
-50°	1998.7	2035.3	2051.4	2046.8	2051.4	2035.3	1998.7	1951.0	1889.7	1810.8	1720.0
-52.5°	1664.5	1685.7	1700.1	1707.0	1700.1	1685.7	1664.5	1634.3	1592.3	1530.2	1459.1
-55°	1407.0	1423.5	1433.1	1436.4	1433.1	1423.5	1407.0	1383.5	1352.2	1302.9	1248.0
-57.5°	1198.8	1214.5	1220.2	1218.2	1220.2	1214.5	1198.8	1178.7	1154.5	1117.3	1075.0
-60°	1018.7	1027.6	1034.4	1037.8	1034.4	1027.6	1018.7	1005.8	989.1	960.4	926.3
-62.5°	865.4	873.8	880.8	884.9	880.8	873.8	865.4	853.8	839.2	817.0	790.6
-65°	711.8	715.5	716.6	715.0	716.6	715.5	711.8	705.3	696.1	681.6	662.6
-67.5°	585.2	588.4	590.5	590.8	590.5	588.4	585.2	580.3	573.7	563.6	549.3
-70°	475.8	477.1	475.5	471.8	475.5	477.1	475.8	473.8	471.8	467.2	456.2
-72.5°	355.4	342.4	329.4	315.0	329.4	342.4	355.4	367.8	379.9	386.8	378.8
-75°	261.3	239.2	231.2	223.5	231.2	239.2	261.3	282.6	303.2	318.1	312.1
-77.5°	194.3	171.4	165.3	159.5	165.3	171.4	194.3	216.4	237.5	254.2	249.9
-80°	138.1	120.1	116.2	112.4	116.2	120.1	138.1	155.4	171.9	186.2	185.4
-82.5°	90.7	78.2	75.7	73.2	75.7	78.2	90.7	102.7	114.2	124.3	123.1
-85°	48.8	42.9	41.8	40.5	41.8	42.9	48.8	54.4	59.8	64.6	63.1
-87.5°	15.2	14.3	14.4	14.4	14.4	14.3	15.2	16.1	16.9	17.7	17.8
-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: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.0	1.0	1.0	0.9
85°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3
82.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.3	1.3	1.3
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	1.0	1.3	1.3
65°	0.3	0.2	0.3	0.6	1.0	1.3	1.3	1.2	1.2	1.4	1.3
62.5°	1.1	1.3	1.2	1.1	1.2	1.6	1.7	1.8	1.6	2.0	3.0
60°	4.3	2.1	4.7	5.5	4.3	4.2	7.4	6.9	2.6	9.8	11.8
57.5°	28.6	26.4	37.9	36.8	22.0	31.4	37.5	25.1	17.5	27.8	33.5
55°	125.2	122.3	119.2	112.3	103.0	95.9	94.5	94.3	74.9	54.3	61.6
52.5°	274.3	244.2	222.7	212.2	197.1	174.4	156.1	152.5	147.9	122.4	101.1
50°	352.3	346.9	323.6	287.8	284.5	261.7	229.9	208.0	205.2	187.7	155.5
47.5°	506.3	506.2	458.4	414.8	402.1	382.2	342.1	283.0	277.6	262.7	226.8
45°	820.3	763.3	736.6	652.6	561.4	526.2	492.7	421.6	363.5	340.7	315.4
42.5°	1111.4	1026.7	956.6	872.4	771.9	683.9	621.1	542.9	472.7	424.2	387.9
40°	1383.8	1247.3	1150.2	1044.2	934.8	825.7	748.0	649.8	569.8	504.7	466.3
37.5°	1724.4	1536.6	1428.8	1263.8	1125.9	1013.2	913.6	788.6	660.1	607.1	559.5
35°	2225.5	2003.1	1877.1	1676.4	1397.6	1297.9	1168.1	980.9	818.3	727.4	668.7
32.5°	3124.6	2792.2	2560.1	2292.2	1923.0	1660.4	1487.9	1279.8	1019.2	888.5	791.1
30°	4037.8	3588.3	3263.3	2991.1	2500.6	2113.5	1847.4	1552.7	1271.9	1059.5	927.3
27.5°	4656.2	4214.6	3809.9	3418.9	3021.6	2572.2	2173.5	1795.2	1488.2	1250.8	1079.9
25°	5199.0	4699.5	4243.6	3820.0	3395.4	2958.7	2475.8	2050.7	1690.3	1418.7	1195.6
22.5°	5736.3	5205.2	4688.6	4195.9	3765.0	3297.8	2787.6	2298.4	1884.2	1602.9	1334.9
20°	6345.4	5733.8	5137.4	4671.7	4181.1	3648.2	3080.8	2614.4	2208.5	1823.2	1487.3
17.5°	7217.1	6399.8	5852.0	5327.3	4690.0	4038.7	3546.2	3057.2	2557.4	2055.8	1647.1
15°	8397.9	7553.6	6925.9	6207.0	5331.8	4659.2	4117.6	3523.9	2931.8	2331.2	1837.3
12.5°	9801.8	8777.5	8038.1	7014.5	6029.6	5302.2	4689.6	4025.1	3297.7	2580.2	2014.3
10°	10685.3	9581.0	8528.2	7545.2	6646.4	5897.2	5127.9	4316.4	3507.5	2768.0	2167.3
7.5°	11154.6	9977.6	8891.0	7908.2	6991.1	6123.8	5304.4	4487.3	3676.2	2914.8	2296.7
5°	11466.5	10272.1	9137.3	8086.6	7148.9	6275.9	5436.4	4603.0	3803.1	3022.9	2402.4
2.5°	11696.6	10463.7	9295.3	8190.2	7236.8	6367.7	5520.2	4670.4	3869.3	3080.9	2439.3
0°	11810.5	10524.4	9353.2	8259.2	7277.6	6387.5	5552.3	4694.9	3884.5	3105.5	2454.6
-2.5°	11787.6	10486.0	9303.9	8257.1	7280.3	6369.0	5556.7	4708.2	3888.8	3124.0	2465.5
-5°	11666.3	10420.6	9247.4	8199.2	7237.2	6325.1	5513.1	4679.4	3858.3	3109.3	2455.2
-7.5°	11420.8	10224.3	9086.3	8066.3	7126.3	6234.4	5424.7	4608.7	3796.5	3058.6	2424.5
-10°	11051.5	9910.6	8828.2	7863.1	6947.2	6086.2	5293.5	4489.3	3694.5	2975.3	2371.4
-12.5°	10594.4	9517.1	8485.1	7586.8	6712.5	5890.2	5115.8	4321.0	3552.8	2859.6	2295.7
-15°	10035.7	9068.9	8135.6	7264.5	6437.6	5641.4	4885.0	4111.4	3372.6	2710.6	2197.5
-17.5°	9469.1	8571.6	7696.0	6869.5	6102.9	5346.8	4613.2	3878.4	3171.5	2550.0	2082.4
-20°	8838.4	8009.5	7199.8	6449.8	5735.2	5017.0	4310.2	3603.5	2941.2	2399.6	1980.6



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8153.8	7413.6	6680.4	6004.1	5335.3	4646.9	3970.5	3303.3	2675.0	2231.0	1865.1
-25°	7460.8	6788.4	6131.4	5508.9	4881.9	4231.8	3606.8	2997.7	2478.2	2071.8	1740.5
-27.5°	6764.9	6156.2	5549.8	4974.5	4384.2	3811.5	3240.3	2688.2	2265.1	1919.5	1624.3
-30°	6077.0	5527.0	4972.2	4422.8	3888.8	3365.7	2855.1	2436.8	2069.1	1756.8	1494.2
-32.5°	5368.4	4890.0	4384.5	3869.5	3384.6	2922.9	2534.9	2182.4	1864.6	1607.0	1378.5
-35°	4679.3	4239.2	3774.0	3331.6	2902.4	2556.6	2228.0	1939.8	1685.6	1457.5	1263.2
-37.5°	3975.7	3578.4	3193.9	2823.0	2516.6	2224.1	1964.2	1728.9	1509.3	1327.8	1160.6
-40°	3312.7	2966.9	2690.6	2417.6	2174.8	1941.0	1735.9	1533.7	1364.1	1204.5	1060.5
-42.5°	2745.2	2502.4	2280.3	2074.4	1875.2	1702.6	1529.5	1372.2	1224.2	1090.4	970.7
-45°	2286.3	2112.9	1932.3	1781.1	1627.2	1489.7	1351.4	1221.7	1097.4	988.2	882.1
-47.5°	1922.9	1793.9	1657.9	1536.5	1421.3	1303.4	1195.6	1083.8	987.4	890.2	801.7
-50°	1626.3	1530.9	1431.4	1333.2	1242.7	1146.4	1057.1	969.2	884.3	803.6	723.1
-52.5°	1381.8	1312.7	1239.1	1161.0	1088.9	1013.9	935.9	865.2	792.0	721.0	650.6
-55°	1188.0	1132.9	1077.1	1018.0	957.9	896.4	832.7	769.1	706.2	641.4	588.3
-57.5°	1028.8	982.4	938.1	891.2	842.1	790.1	735.8	679.0	627.5	578.6	530.3
-60°	889.4	850.3	814.9	777.1	737.0	691.9	647.6	603.0	558.4	515.9	474.5
-62.5°	763.4	735.6	703.7	671.5	639.8	606.6	566.8	527.5	489.7	453.2	419.1
-65°	641.3	617.6	592.9	569.9	544.4	516.1	482.4	451.7	422.0	391.9	363.7
-67.5°	533.1	514.9	495.1	474.5	454.3	431.7	406.8	381.3	357.5	332.9	311.9
-70°	444.0	430.8	415.4	397.1	378.7	360.1	341.2	321.1	299.5	277.4	260.5
-72.5°	369.9	360.1	348.1	332.9	316.6	300.3	283.5	265.7	246.6	226.2	209.9
-75°	305.4	298.2	289.0	275.5	261.2	246.0	231.2	215.0	196.4	175.5	159.0
-77.5°	245.4	240.8	234.9	223.9	212.7	201.4	188.4	169.5	150.7	132.8	120.6
-80°	184.0	182.0	178.5	169.2	159.8	150.3	139.8	125.4	111.6	98.7	88.8
-82.5°	121.4	119.2	116.2	110.6	105.1	99.9	94.5	84.7	75.2	65.9	57.9
-85°	61.5	59.7	57.9	57.0	55.9	54.6	52.9	47.3	42.0	37.0	32.5
-87.5°	17.8	17.8	17.8	18.0	18.1	18.2	18.2	16.8	15.5	14.2	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	1.7	1.3	1.3
65°	1.3	1.3	1.4	1.9	1.8	1.3	1.3	2.5	2.1	1.9	1.3
62.5°	2.5	1.3	3.4	4.5	2.9	2.3	1.9	5.4	3.5	2.5	1.8
60°	5.9	4.8	9.1	13.9	10.0	3.9	5.7	9.4	8.6	3.1	2.5
57.5°	30.2	13.8	20.4	26.6	25.3	14.2	11.5	16.0	14.6	8.5	3.4
55°	62.8	53.4	42.5	42.2	42.8	33.8	24.0	24.8	22.0	15.6	5.0
52.5°	95.4	92.5	82.3	67.1	61.6	55.7	45.5	35.2	32.6	23.3	12.3
50°	136.0	128.5	120.5	104.9	85.0	77.3	66.8	53.7	44.4	32.6	20.3
47.5°	182.4	169.5	157.4	142.3	120.5	100.0	88.4	72.9	57.4	44.8	28.5
45°	254.9	212.8	196.5	178.9	156.6	131.0	110.8	91.8	74.4	57.0	36.6
42.5°	329.3	270.8	236.5	216.8	193.3	164.5	134.2	112.8	91.1	69.2	46.3
40°	404.2	331.8	279.8	255.2	231.4	197.9	163.9	134.7	107.5	81.8	56.8
37.5°	485.2	400.1	329.8	295.1	270.0	233.9	194.1	157.1	124.3	95.6	67.3
35°	586.0	481.1	384.1	341.3	307.7	270.6	224.0	181.5	144.3	109.3	77.6
32.5°	699.2	570.4	462.0	391.7	345.8	308.0	255.9	208.9	165.0	123.1	87.7
30°	811.9	662.4	535.9	441.6	386.5	342.9	289.8	236.6	186.0	136.9	97.9
27.5°	897.9	741.7	605.1	501.5	431.5	377.8	323.6	264.3	207.4	152.0	109.2
25°	985.7	815.2	672.2	560.2	475.5	413.3	356.1	292.1	230.2	169.5	120.2
22.5°	1088.3	885.1	728.9	613.2	522.2	449.4	387.2	320.2	253.3	186.7	130.8
20°	1188.7	949.4	781.0	675.1	573.3	489.7	417.6	347.0	275.8	203.7	141.2
17.5°	1291.6	1039.8	867.5	739.2	626.0	529.5	447.7	372.4	297.7	220.2	151.1
15°	1446.7	1160.7	954.7	802.4	676.9	568.5	477.1	396.4	318.8	236.2	159.9
12.5°	1592.8	1274.5	1039.3	864.2	725.9	606.3	505.6	418.8	339.0	249.5	167.3
10°	1722.0	1380.3	1120.3	923.9	772.3	642.6	533.0	436.4	350.9	260.1	173.9
7.5°	1834.4	1477.5	1196.8	980.6	812.0	667.2	547.0	445.6	360.0	269.4	179.7
5°	1920.4	1543.6	1238.8	1003.3	826.8	678.4	556.9	453.1	367.2	277.3	184.7
2.5°	1948.8	1565.6	1255.4	1016.1	837.7	686.5	564.6	458.8	372.6	283.8	188.8
0°	1961.9	1576.3	1263.9	1023.4	844.4	691.4	569.9	462.7	376.4	288.9	192.1
-2.5°	1976.3	1590.8	1275.9	1034.8	851.4	698.2	575.5	468.8	381.9	294.5	197.6
-5°	1975.3	1593.6	1279.7	1040.3	854.2	701.8	578.7	473.2	385.8	298.7	202.3
-7.5°	1954.4	1581.2	1274.8	1039.2	852.6	702.2	579.6	475.8	388.2	301.2	205.9
-10°	1917.0	1555.5	1260.5	1029.8	847.0	699.1	578.2	476.6	389.2	302.4	208.5
-12.5°	1864.4	1519.0	1237.4	1014.4	836.9	692.6	573.9	474.4	388.6	302.0	210.0
-15°	1796.8	1472.0	1205.5	993.1	822.4	682.9	567.2	469.8	385.2	299.8	210.3
-17.5°	1715.1	1415.0	1164.8	965.9	803.3	669.9	557.8	463.4	380.6	295.9	209.9
-20°	1639.3	1354.9	1117.8	932.9	779.7	653.9	545.9	455.2	374.8	291.1	208.9

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Scaled Data Report



REPORT NUMBER: P627352 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1554.5	1292.5	1076.1	901.3	754.8	634.7	531.4	445.3	368.0	285.3	207.0
-25°	1457.5	1221.7	1028.5	866.2	730.6	616.3	516.6	433.7	360.2	278.8	204.3
-27.5°	1366.2	1148.8	975.2	825.6	702.5	595.2	501.9	423.0	351.1	271.5	200.7
-30°	1273.2	1085.3	924.1	783.1	671.6	571.6	485.3	411.5	340.9	265.1	196.2
-32.5°	1178.6	1016.1	869.3	746.3	641.6	546.2	467.3	399.1	330.3	258.8	192.5
-35°	1097.3	948.0	810.5	706.6	610.9	524.6	449.3	386.0	319.3	251.7	188.5
-37.5°	1010.8	878.8	764.7	667.3	578.1	501.1	432.0	370.6	308.0	243.7	183.6
-40°	933.4	814.3	715.4	629.3	548.5	475.6	412.7	354.2	297.4	234.8	178.0
-42.5°	854.5	755.8	667.4	588.4	518.7	452.2	391.8	336.7	283.8	226.7	171.5
-45°	785.4	695.8	617.7	551.2	487.6	426.7	371.3	318.5	269.1	218.3	164.7
-47.5°	714.0	637.9	571.3	512.4	457.0	400.3	349.7	301.6	253.9	208.9	157.8
-50°	647.4	583.1	527.7	474.9	423.2	375.6	328.1	284.3	240.1	196.6	150.0
-52.5°	588.1	534.6	485.3	437.2	392.8	349.8	308.7	266.6	225.6	184.4	141.3
-55°	535.8	488.0	443.6	402.1	362.3	326.8	288.9	250.0	210.6	171.8	132.1
-57.5°	485.7	442.6	405.0	368.0	334.1	303.2	269.6	232.8	195.4	158.6	124.0
-60°	435.3	400.7	367.2	336.1	306.8	278.8	250.2	215.0	179.7	145.0	114.1
-62.5°	387.0	358.0	332.2	304.8	278.0	253.3	230.2	196.7	163.4	131.5	103.1
-65°	339.6	317.4	296.5	270.9	247.5	226.9	207.7	177.6	146.1	117.2	91.7
-67.5°	292.7	274.4	255.7	234.9	217.6	200.8	183.8	156.5	127.9	102.1	80.1
-70°	245.3	229.8	216.4	203.2	188.9	174.0	157.1	133.9	108.8	87.8	68.1
-72.5°	198.9	189.3	181.4	172.1	159.9	145.9	129.9	111.0	91.6	73.1	55.8
-75°	153.2	151.2	148.8	142.8	131.1	117.9	105.1	90.6	73.9	58.0	45.5
-77.5°	120.6	119.8	118.2	114.0	103.8	93.1	81.9	69.7	57.0	46.1	35.7
-80°	89.4	89.3	88.5	85.9	77.1	68.1	60.3	52.5	43.2	34.3	25.8
-82.5°	58.7	59.6	60.0	59.2	53.3	47.5	41.9	36.3	29.1	22.2	17.2
-85°	33.5	34.2	34.3	33.9	30.2	26.7	24.4	22.0	18.2	14.7	11.5
-87.5°	13.9	14.7	15.3	15.7	14.5	13.4	12.2	11.0	9.1	7.4	5.8
-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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CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.3	0.0
72.5°	1.3	1.3	1.3	1.2	0.8	0.4	0.0
70°	1.3	1.3	1.3	1.3	0.9	0.4	0.0
67.5°	1.4	1.3	1.3	1.3	1.0	0.5	0.0
65°	1.6	1.4	1.3	1.3	1.1	0.5	0.0
62.5°	1.8	1.7	1.3	1.3	1.2	0.6	0.0
60°	2.0	2.1	1.3	1.3	1.3	0.6	0.0
57.5°	3.5	2.5	1.7	1.3	1.3	0.7	0.0
55°	5.4	2.9	2.1	1.3	1.3	0.7	0.0
52.5°	7.5	3.6	2.5	1.3	1.4	0.8	0.0
50°	10.0	5.9	2.9	1.3	1.4	0.8	0.0
47.5°	13.3	8.3	3.4	1.4	1.4	0.9	0.0
45°	20.3	10.8	3.8	1.7	1.5	0.9	0.0
42.5°	27.4	13.6	4.3	2.1	1.5	1.0	0.0
40°	34.4	16.4	5.7	2.6	1.5	1.0	0.0
37.5°	41.4	19.4	7.9	3.1	1.6	1.0	0.0
35°	48.3	24.1	10.2	3.7	1.7	1.1	0.0
32.5°	55.6	29.6	12.5	4.4	1.7	1.1	0.0
30°	63.7	34.9	14.8	5.1	1.8	1.1	0.0
27.5°	71.7	40.0	17.4	5.9	1.8	1.2	0.0
25°	79.3	45.0	20.0	6.6	1.9	1.2	0.0
22.5°	86.6	49.9	22.6	7.4	2.0	1.2	0.0
20°	93.6	54.6	25.1	8.3	2.1	1.2	0.0
17.5°	100.1	59.0	27.5	9.1	2.1	1.2	0.0
15°	106.0	63.1	29.8	9.9	2.2	1.3	0.0
12.5°	111.4	67.0	31.9	10.7	2.3	1.3	0.0
10°	116.4	70.5	34.0	11.5	2.3	1.3	0.0
7.5°	120.8	73.6	35.8	12.3	2.4	1.3	0.0
5°	124.7	76.5	37.6	13.1	2.5	1.3	0.0
2.5°	128.0	78.9	39.1	13.8	2.5	1.3	0.0
0°	130.7	81.0	40.5	14.4	2.6	1.3	0.0
-2.5°	134.3	83.6	42.4	15.3	3.0	1.4	0.0
-5°	137.2	85.7	44.0	16.1	3.4	1.5	0.0
-7.5°	139.5	87.5	45.4	16.9	3.8	1.5	0.0
-10°	141.2	88.8	46.5	17.6	4.1	1.6	0.0
-12.5°	142.2	89.6	47.4	18.1	4.5	1.7	0.0
-15°	142.5	90.0	47.9	18.6	4.8	1.7	0.0
-17.5°	142.1	90.0	48.2	19.0	5.1	1.8	0.0
-20°	141.7	89.5	48.2	19.2	5.4	1.8	0.0

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CATALOG NUMBER: GFLD-SA4B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	141.8	88.5	47.8	19.3	5.6	1.9	0.0
-25°	141.1	88.2	47.0	19.3	5.8	1.9	0.0
-27.5°	139.8	87.8	46.0	19.2	6.0	2.0	0.0
-30°	137.7	86.8	44.6	18.9	6.1	2.0	0.0
-32.5°	134.9	85.3	44.1	18.5	6.2	2.0	0.0
-35°	132.3	83.3	43.2	18.0	6.3	2.0	0.0
-37.5°	129.3	81.1	41.9	17.3	6.3	2.0	0.0
-40°	125.6	79.1	40.2	16.5	6.3	2.0	0.0
-42.5°	121.1	76.6	39.0	15.7	6.3	1.9	0.0
-45°	115.9	73.6	38.3	15.1	6.1	1.9	0.0
-47.5°	110.1	70.2	37.1	14.3	6.0	1.8	0.0
-50°	105.0	66.2	35.5	14.0	5.8	1.8	0.0
-52.5°	99.4	61.8	33.6	13.8	5.6	1.7	0.0
-55°	93.3	58.1	31.3	13.5	5.3	1.7	0.0
-57.5°	86.6	54.2	28.6	12.9	5.0	1.6	0.0
-60°	79.4	49.7	25.6	12.2	4.7	1.5	0.0
-62.5°	72.5	44.7	23.9	11.3	4.4	1.4	0.0
-65°	64.8	39.2	21.8	10.3	4.1	1.3	0.0
-67.5°	56.6	34.4	19.5	9.2	3.7	1.2	0.0
-70°	47.7	30.1	17.0	7.9	3.4	1.1	0.0
-72.5°	40.5	25.6	14.2	7.0	3.0	0.9	0.0
-75°	33.3	20.7	11.3	6.1	2.6	0.8	0.0
-77.5°	25.7	15.6	9.3	5.1	2.2	0.7	0.0
-80°	17.7	11.9	7.6	4.2	1.8	0.6	0.0
-82.5°	13.1	9.0	5.7	3.2	1.3	0.4	0.0
-85°	8.8	6.1	3.8	2.1	0.9	0.3	0.0
-87.5°	4.4	3.0	1.9	1.1	0.5	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)