

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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-LAM-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-722-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

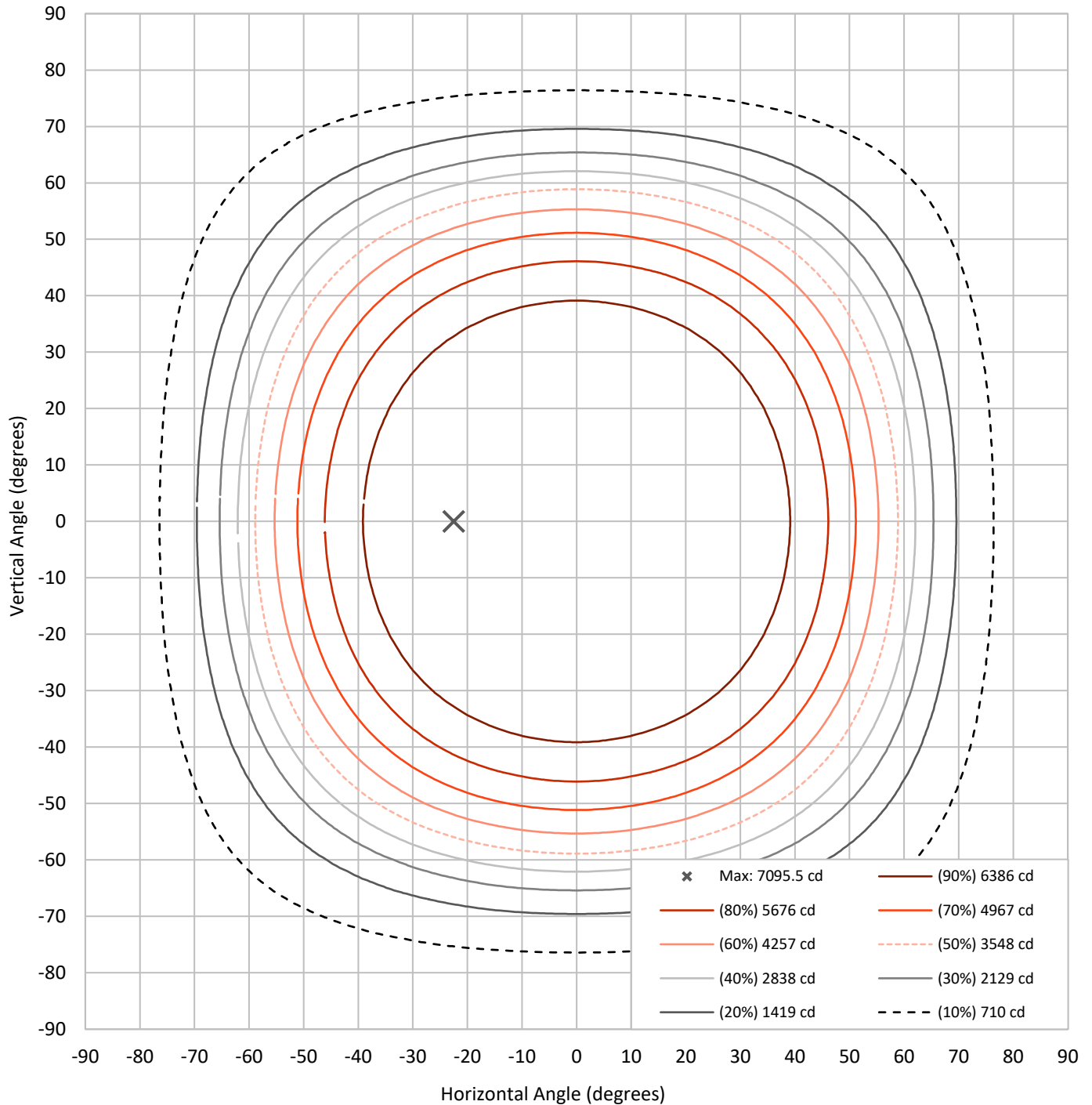
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	21705.7 lumens	Max Intensity:	7095.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	113.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	18063.9 lumens	Field Lumens:	21278.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
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		



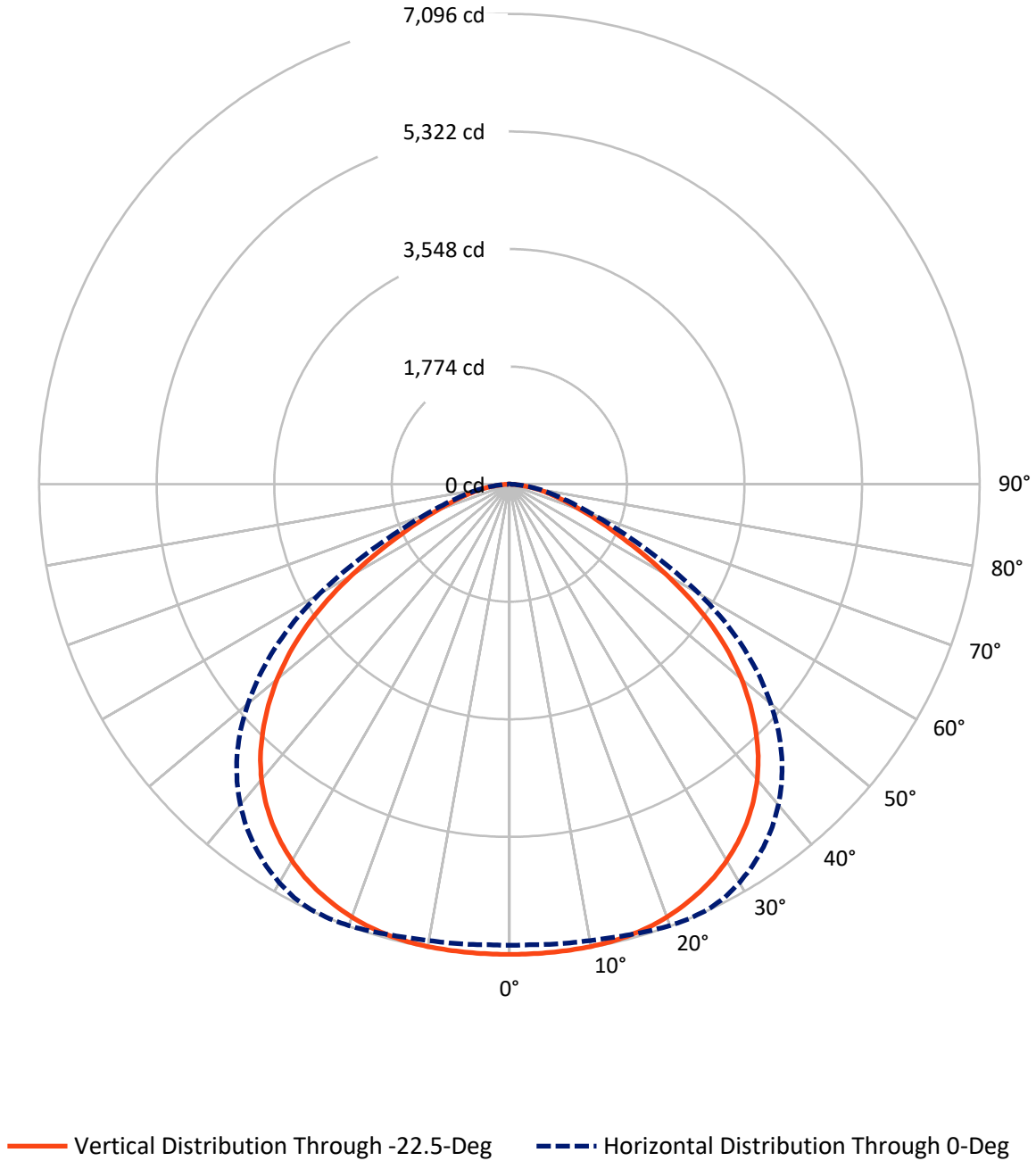
REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

Iso-Candela Plot



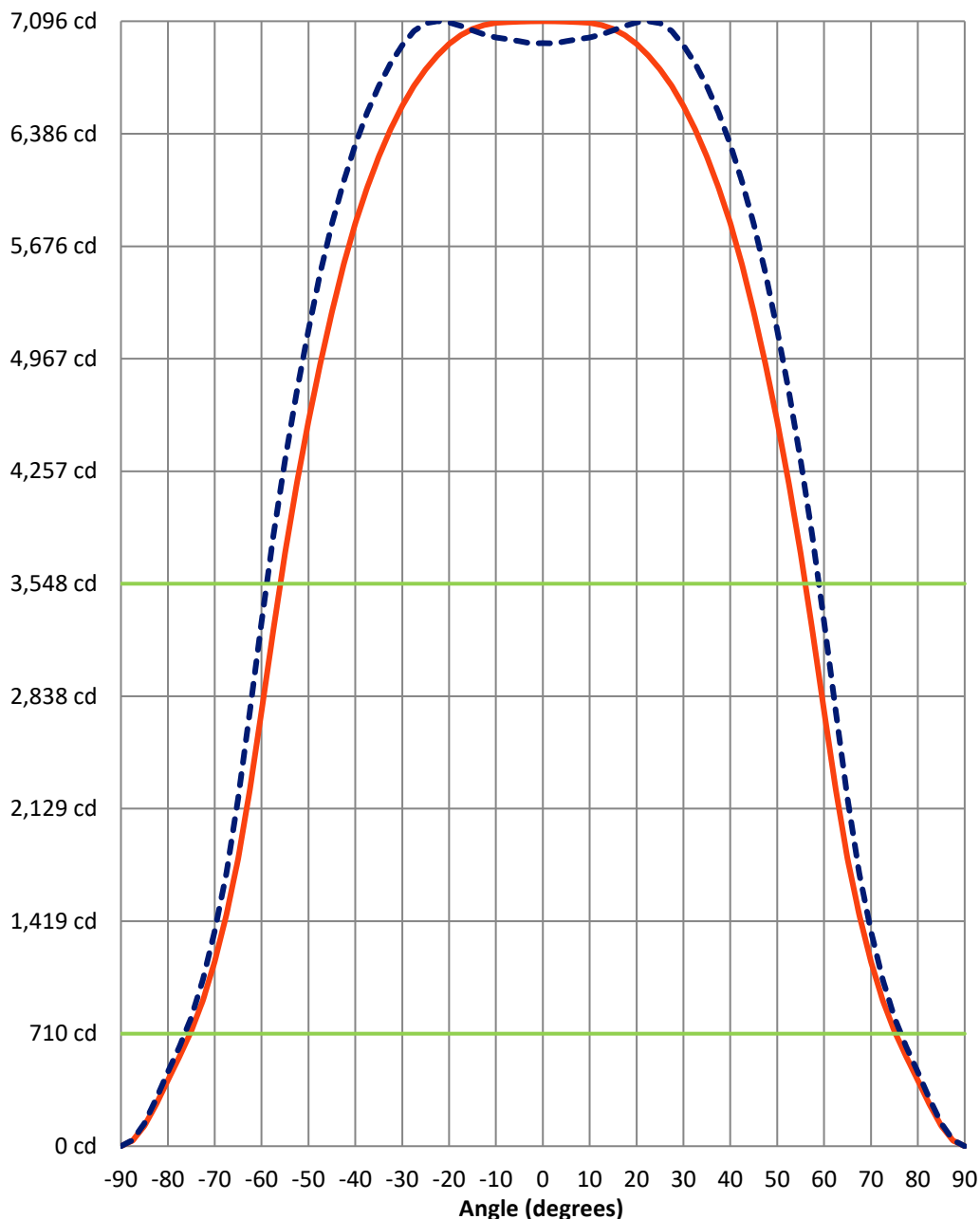
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 18063.9
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 21278.8
 Efficiency: 98.0%

Spill:
 Lumens: 426.9
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
85°	0.0	3.4	6.8	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
82.5°	0.0	5.1	10.1	15.2	20.2	25.1	30.0	34.9	41.3	54.1	66.8
80°	0.0	6.7	13.5	20.2	26.8	33.4	42.0	59.6	77.0	94.1	111.0
77.5°	0.0	8.4	16.8	25.1	33.4	46.6	68.8	90.8	112.5	133.9	159.7
75°	0.0	10.0	20.1	30.0	42.0	68.8	95.4	121.7	149.2	186.5	223.1
72.5°	0.0	11.7	23.3	34.9	59.6	90.8	121.7	156.0	199.9	243.3	285.9
70°	0.0	13.3	26.5	41.3	77.0	112.5	149.2	199.9	250.0	299.5	353.0
67.5°	0.0	14.8	29.7	54.1	94.1	133.9	186.5	243.3	299.5	360.4	420.4
65°	0.0	16.4	32.8	66.8	111.0	159.7	223.1	285.9	353.0	420.4	485.9
62.5°	0.0	17.9	35.8	79.2	127.5	189.6	259.0	330.7	405.5	478.8	548.3
60°	0.0	19.4	38.8	91.3	143.6	219.0	294.1	375.8	456.9	533.9	609.4
57.5°	0.0	20.8	46.6	103.1	166.1	247.6	331.5	419.8	505.4	587.8	674.6
55°	0.0	22.3	54.2	114.6	188.4	275.4	368.3	462.7	552.1	642.0	740.8
52.5°	0.0	23.6	61.7	125.7	210.1	302.9	404.0	502.7	597.6	700.0	805.3
50°	0.0	24.9	68.9	136.5	231.0	331.8	438.6	541.3	643.5	756.3	885.4
47.5°	0.0	26.2	75.8	148.0	251.2	359.6	471.8	578.5	691.8	810.8	965.1
45°	0.0	27.4	82.4	162.6	270.6	386.3	502.5	614.4	738.4	879.4	1041.9
42.5°	0.0	28.6	88.8	176.5	289.2	412.0	531.9	651.5	783.1	945.7	1132.4
40°	0.0	29.7	94.9	189.8	307.9	436.4	560.0	688.7	830.2	1009.1	1221.8
37.5°	0.0	30.8	100.7	202.4	326.4	459.7	586.8	724.2	883.7	1073.9	1307.1
35°	0.0	31.8	106.1	214.4	344.0	481.0	612.0	757.8	934.3	1146.3	1394.1
32.5°	0.0	32.7	111.3	225.6	360.5	500.8	636.7	789.4	982.0	1214.5	1485.6
30°	0.0	33.6	116.0	236.0	375.9	519.2	662.0	821.1	1026.6	1278.4	1571.4
27.5°	0.0	34.4	120.5	245.8	390.2	536.3	685.4	857.2	1072.2	1337.9	1651.3
25°	0.0	35.2	124.6	254.7	403.3	552.1	706.9	890.5	1120.6	1399.8	1725.9
22.5°	0.0	35.8	128.3	262.8	415.3	566.5	726.6	920.8	1164.7	1459.9	1813.0
20°	0.0	36.5	131.6	270.1	426.1	579.4	744.3	948.1	1204.5	1514.0	1891.6
17.5°	0.0	37.0	134.6	276.6	435.7	590.9	760.0	972.4	1239.9	1562.2	1961.6
15°	0.0	37.5	137.2	282.3	444.0	600.9	773.7	993.5	1270.7	1604.2	2022.6
12.5°	0.0	37.9	139.4	287.1	451.1	609.4	785.4	1011.5	1296.9	1640.0	2074.6
10°	0.0	38.2	141.2	291.1	456.9	616.3	794.9	1026.3	1318.5	1669.3	2117.4
7.5°	0.0	38.5	142.6	294.1	461.5	621.8	802.4	1037.8	1335.3	1692.3	2150.8
5°	0.0	38.7	143.6	296.3	464.7	625.7	807.7	1046.1	1347.3	1708.7	2174.7
2.5°	0.0	38.8	144.2	297.7	466.6	628.0	810.9	1051.0	1354.6	1718.6	2189.1
0°	0.0	38.8	144.4	298.1	467.3	628.8	812.0	1052.7	1357.0	1721.9	2193.9
-2.5°	0.0	38.8	144.2	297.7	466.6	628.0	810.9	1051.0	1354.6	1718.6	2189.1
-5°	0.0	38.7	143.6	296.3	464.7	625.7	807.7	1046.1	1347.3	1708.7	2174.7
-7.5°	0.0	38.5	142.6	294.1	461.5	621.8	802.4	1037.8	1335.3	1692.3	2150.8
-10°	0.0	38.2	141.2	291.1	456.9	616.3	794.9	1026.3	1318.5	1669.3	2117.4
-12.5°	0.0	37.9	139.4	287.1	451.1	609.4	785.4	1011.5	1296.9	1640.0	2074.6
-15°	0.0	37.5	137.2	282.3	444.0	600.9	773.7	993.5	1270.7	1604.2	2022.6
-17.5°	0.0	37.0	134.6	276.6	435.7	590.9	760.0	972.4	1239.9	1562.2	1961.6
-20°	0.0	36.5	131.6	270.1	426.1	579.4	744.3	948.1	1204.5	1514.0	1891.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	35.8	128.3	262.8	415.3	566.5	726.6	920.8	1164.7	1459.9	1813.0
-25°	0.0	35.2	124.6	254.7	403.3	552.1	706.9	890.5	1120.6	1399.8	1725.9
-27.5°	0.0	34.4	120.5	245.8	390.2	536.3	685.4	857.2	1072.2	1337.9	1651.3
-30°	0.0	33.6	116.0	236.0	375.9	519.2	662.0	821.1	1026.6	1278.4	1571.4
-32.5°	0.0	32.7	111.3	225.6	360.5	500.8	636.7	789.4	982.0	1214.5	1485.6
-35°	0.0	31.8	106.1	214.4	344.0	481.0	612.0	757.8	934.3	1146.3	1394.1
-37.5°	0.0	30.8	100.7	202.4	326.4	459.7	586.8	724.2	883.7	1073.9	1307.1
-40°	0.0	29.7	94.9	189.8	307.9	436.4	560.0	688.7	830.2	1009.1	1221.8
-42.5°	0.0	28.6	88.8	176.5	289.2	412.0	531.9	651.5	783.1	945.7	1132.4
-45°	0.0	27.4	82.4	162.6	270.6	386.3	502.5	614.4	738.4	879.4	1041.9
-47.5°	0.0	26.2	75.8	148.0	251.2	359.6	471.8	578.5	691.8	810.8	965.1
-50°	0.0	24.9	68.9	136.5	231.0	331.8	438.6	541.3	643.5	756.3	885.4
-52.5°	0.0	23.6	61.7	125.7	210.1	302.9	404.0	502.7	597.6	700.0	805.3
-55°	0.0	22.3	54.2	114.6	188.4	275.4	368.3	462.7	552.1	642.0	740.8
-57.5°	0.0	20.8	46.6	103.1	166.1	247.6	331.5	419.8	505.4	587.8	674.6
-60°	0.0	19.4	38.8	91.3	143.6	219.0	294.1	375.8	456.9	533.9	609.4
-62.5°	0.0	17.9	35.8	79.2	127.5	189.6	259.0	330.7	405.5	478.8	548.3
-65°	0.0	16.4	32.8	66.8	111.0	159.7	223.1	285.9	353.0	420.4	485.9
-67.5°	0.0	14.8	29.7	54.1	94.1	133.9	186.5	243.3	299.5	360.4	420.4
-70°	0.0	13.3	26.5	41.3	77.0	112.5	149.2	199.9	250.0	299.5	353.0
-72.5°	0.0	11.7	23.3	34.9	59.6	90.8	121.7	156.0	199.9	243.3	285.9
-75°	0.0	10.0	20.1	30.0	42.0	68.8	95.4	121.7	149.2	186.5	223.1
-77.5°	0.0	8.4	16.8	25.1	33.4	46.6	68.8	90.8	112.5	133.9	159.7
-80°	0.0	6.7	13.5	20.2	26.8	33.4	42.0	59.6	77.0	94.1	111.0
-82.5°	0.0	5.1	10.1	15.2	20.2	25.1	30.0	34.9	41.3	54.1	66.8
-85°	0.0	3.4	6.8	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
-87.5°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
-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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
85°	35.8	38.8	46.6	54.2	61.7	68.9	75.8	82.4	88.8	94.9	100.7
82.5°	79.2	91.3	103.1	114.6	125.7	136.5	148.0	162.6	176.5	189.8	202.4
80°	127.5	143.6	166.1	188.4	210.1	231.0	251.2	270.6	289.2	307.9	326.4
77.5°	189.6	219.0	247.6	275.4	302.9	331.8	359.6	386.3	412.0	436.4	459.7
75°	259.0	294.1	331.5	368.3	404.0	438.6	471.8	502.5	531.9	560.0	586.8
72.5°	330.7	375.8	419.8	462.7	502.7	541.3	578.5	614.4	651.5	688.7	724.2
70°	405.5	456.9	505.4	552.1	597.6	643.5	691.8	738.4	783.1	830.2	883.7
67.5°	478.8	533.9	587.8	642.0	700.0	756.3	810.8	879.4	945.7	1009.1	1073.9
65°	548.3	609.4	674.6	740.8	805.3	885.4	965.1	1041.9	1132.4	1221.8	1307.1
62.5°	616.6	691.0	765.5	846.5	939.6	1030.2	1135.1	1242.2	1345.3	1461.4	1574.4
60°	691.0	773.7	868.2	972.4	1079.6	1204.5	1325.7	1459.9	1595.2	1725.9	1886.3
57.5°	765.5	868.2	983.3	1107.4	1246.5	1386.8	1544.4	1697.0	1879.9	2062.7	2244.5
55°	846.5	972.4	1107.4	1260.5	1420.7	1595.6	1778.4	1991.4	2197.6	2427.3	2647.3
52.5°	939.6	1079.6	1246.5	1420.7	1612.7	1823.0	2058.9	2302.8	2559.7	2809.1	3053.7
50°	1030.2	1204.5	1386.8	1595.6	1823.0	2081.5	2355.8	2639.8	2920.3	3193.8	3450.0
47.5°	1135.1	1325.7	1544.4	1778.4	2058.9	2355.8	2666.7	2976.2	3278.7	3559.3	3828.1
45°	1242.2	1459.9	1697.0	1991.4	2302.8	2639.8	2976.2	3307.1	3614.4	3904.4	4158.0
42.5°	1345.3	1595.2	1879.9	2197.6	2559.7	2920.3	3278.7	3614.4	3929.2	4208.4	4463.3
40°	1461.4	1725.9	2062.7	2427.3	2809.1	3193.8	3559.3	3904.4	4208.4	4486.5	4744.6
37.5°	1574.4	1886.3	2244.5	2647.3	3053.7	3450.0	3828.1	4158.0	4463.3	4744.6	4992.1
35°	1681.7	2038.7	2437.7	2860.5	3287.2	3690.1	4058.1	4394.0	4697.3	4970.3	5223.4
32.5°	1801.1	2182.9	2620.6	3065.4	3499.9	3910.2	4275.0	4603.6	4905.2	5182.3	5433.6
30°	1924.1	2338.4	2794.1	3258.3	3699.7	4101.0	4465.2	4798.0	5097.1	5370.9	5617.2
27.5°	2038.7	2485.0	2959.7	3432.8	3882.2	4280.0	4639.3	4966.9	5267.8	5543.3	5782.1
25°	2144.6	2620.6	3112.9	3592.7	4035.9	4434.6	4797.1	5124.5	5423.6	5688.1	5920.2
22.5°	2249.1	2744.8	3253.3	3739.3	4177.1	4572.8	4932.0	5260.2	5559.5	5821.6	6044.3
20°	2350.8	2860.5	3377.2	3869.3	4305.2	4698.3	5054.8	5382.4	5673.7	5927.5	6149.1
17.5°	2441.2	2963.6	3485.6	3974.3	4410.5	4805.5	5163.5	5492.1	5776.5	6022.9	6239.7
15°	2520.2	3053.7	3580.4	4066.2	4501.1	4894.6	5252.5	5577.6	5860.0	6104.4	6319.7
12.5°	2587.5	3130.5	3661.3	4144.7	4578.6	4970.8	5328.8	5649.4	5927.1	6168.3	6378.9
10°	2642.9	3193.8	3727.9	4209.4	4642.5	5033.7	5391.9	5708.9	5982.6	6221.4	6428.2
7.5°	2686.1	3243.2	3780.0	4260.1	4692.5	5083.1	5441.4	5755.6	6026.4	6263.2	6467.2
5°	2717.1	3278.7	3817.4	4296.4	4728.4	5118.5	5477.0	5789.2	6057.8	6293.4	6495.3
2.5°	2735.8	3300.0	3839.9	4318.3	4750.1	5139.9	5498.4	5809.4	6076.8	6311.6	6512.3
0°	2742.0	3307.1	3847.4	4325.6	4757.3	5147.0	5505.6	5816.2	6083.2	6317.7	6518.0
-2.5°	2735.8	3300.0	3839.9	4318.3	4750.1	5139.9	5498.4	5809.4	6076.8	6311.6	6512.3
-5°	2717.1	3278.7	3817.4	4296.4	4728.4	5118.5	5477.0	5789.2	6057.8	6293.4	6495.3
-7.5°	2686.1	3243.2	3780.0	4260.1	4692.5	5083.1	5441.4	5755.6	6026.4	6263.2	6467.2
-10°	2642.9	3193.8	3727.9	4209.4	4642.5	5033.7	5391.9	5708.9	5982.6	6221.4	6428.2
-12.5°	2587.5	3130.5	3661.3	4144.7	4578.6	4970.8	5328.8	5649.4	5927.1	6168.3	6378.9
-15°	2520.2	3053.7	3580.4	4066.2	4501.1	4894.6	5252.5	5577.6	5860.0	6104.4	6319.7
-17.5°	2441.2	2963.6	3485.6	3974.3	4410.5	4805.5	5163.5	5492.1	5776.5	6022.9	6239.7
-20°	2350.8	2860.5	3377.2	3869.3	4305.2	4698.3	5054.8	5382.4	5673.7	5927.5	6149.1



REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2249.1	2744.8	3253.3	3739.3	4177.1	4572.8	4932.0	5260.2	5559.5	5821.6	6044.3
-25°	2144.6	2620.6	3112.9	3592.7	4035.9	4434.6	4797.1	5124.5	5423.6	5688.1	5920.2
-27.5°	2038.7	2485.0	2959.7	3432.8	3882.2	4280.0	4639.3	4966.9	5267.8	5543.3	5782.1
-30°	1924.1	2338.4	2794.1	3258.3	3699.7	4101.0	4465.2	4798.0	5097.1	5370.9	5617.2
-32.5°	1801.1	2182.9	2620.6	3065.4	3499.9	3910.2	4275.0	4603.6	4905.2	5182.3	5433.6
-35°	1681.7	2038.7	2437.7	2860.5	3287.2	3690.1	4058.1	4394.0	4697.3	4970.3	5223.4
-37.5°	1574.4	1886.3	2244.5	2647.3	3053.7	3450.0	3828.1	4158.0	4463.3	4744.6	4992.1
-40°	1461.4	1725.9	2062.7	2427.3	2809.1	3193.8	3559.3	3904.4	4208.4	4486.5	4744.6
-42.5°	1345.3	1595.2	1879.9	2197.6	2559.7	2920.3	3278.7	3614.4	3929.2	4208.4	4463.3
-45°	1242.2	1459.9	1697.0	1991.4	2302.8	2639.8	2976.2	3307.1	3614.4	3904.4	4158.0
-47.5°	1135.1	1325.7	1544.4	1778.4	2058.9	2355.8	2666.7	2976.2	3278.7	3559.3	3828.1
-50°	1030.2	1204.5	1386.8	1595.6	1823.0	2081.5	2355.8	2639.8	2920.3	3193.8	3450.0
-52.5°	939.6	1079.6	1246.5	1420.7	1612.7	1823.0	2058.9	2302.8	2559.7	2809.1	3053.7
-55°	846.5	972.4	1107.4	1260.5	1420.7	1595.6	1778.4	1991.4	2197.6	2427.3	2647.3
-57.5°	765.5	868.2	983.3	1107.4	1246.5	1386.8	1544.4	1697.0	1879.9	2062.7	2244.5
-60°	691.0	773.7	868.2	972.4	1079.6	1204.5	1325.7	1459.9	1595.2	1725.9	1886.3
-62.5°	616.6	691.0	765.5	846.5	939.6	1030.2	1135.1	1242.2	1345.3	1461.4	1574.4
-65°	548.3	609.4	674.6	740.8	805.3	885.4	965.1	1041.9	1132.4	1221.8	1307.1
-67.5°	478.8	533.9	587.8	642.0	700.0	756.3	810.8	879.4	945.7	1009.1	1073.9
-70°	405.5	456.9	505.4	552.1	597.6	643.5	691.8	738.4	783.1	830.2	883.7
-72.5°	330.7	375.8	419.8	462.7	502.7	541.3	578.5	614.4	651.5	688.7	724.2
-75°	259.0	294.1	331.5	368.3	404.0	438.6	471.8	502.5	531.9	560.0	586.8
-77.5°	189.6	219.0	247.6	275.4	302.9	331.8	359.6	386.3	412.0	436.4	459.7
-80°	127.5	143.6	166.1	188.4	210.1	231.0	251.2	270.6	289.2	307.9	326.4
-82.5°	79.2	91.3	103.1	114.6	125.7	136.5	148.0	162.6	176.5	189.8	202.4
-85°	35.8	38.8	46.6	54.2	61.7	68.9	75.8	82.4	88.8	94.9	100.7
-87.5°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
-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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	37.9	38.2
85°	106.1	111.3	116.0	120.5	124.6	128.3	131.6	134.6	137.2	139.4	141.2
82.5°	214.4	225.6	236.0	245.8	254.7	262.8	270.1	276.6	282.3	287.1	291.1
80°	344.0	360.5	375.9	390.2	403.3	415.3	426.1	435.7	444.0	451.1	456.9
77.5°	481.0	500.8	519.2	536.3	552.1	566.5	579.4	590.9	600.9	609.4	616.3
75°	612.0	636.7	662.0	685.4	706.9	726.6	744.3	760.0	773.7	785.4	794.9
72.5°	757.8	789.4	821.1	857.2	890.5	920.8	948.1	972.4	993.5	1011.5	1026.3
70°	934.3	982.0	1026.6	1072.2	1120.6	1164.7	1204.5	1239.9	1270.7	1296.9	1318.5
67.5°	1146.3	1214.5	1278.4	1337.9	1399.8	1459.9	1514.0	1562.2	1604.2	1640.0	1669.3
65°	1394.1	1485.6	1571.4	1651.3	1725.9	1813.0	1891.6	1961.6	2022.6	2074.6	2117.4
62.5°	1681.7	1801.1	1924.1	2038.7	2144.6	2249.1	2350.8	2441.2	2520.2	2587.5	2642.9
60°	2038.7	2182.9	2338.4	2485.0	2620.6	2744.8	2860.5	2963.6	3053.7	3130.5	3193.8
57.5°	2437.7	2620.6	2794.1	2959.7	3112.9	3253.3	3377.2	3485.6	3580.4	3661.3	3727.9
55°	2860.5	3065.4	3258.3	3432.8	3592.7	3739.3	3869.3	3974.3	4066.2	4144.7	4209.4
52.5°	3287.2	3499.9	3699.7	3882.2	4035.9	4177.1	4305.2	4410.5	4501.1	4578.6	4642.5
50°	3690.1	3910.2	4101.0	4280.0	4434.6	4572.8	4698.3	4805.5	4894.6	4970.8	5033.7
47.5°	4058.1	4275.0	4465.2	4639.3	4797.1	4932.0	5054.8	5163.5	5252.5	5328.8	5391.9
45°	4394.0	4603.6	4798.0	4966.9	5124.5	5260.2	5382.4	5492.1	5577.6	5649.4	5708.9
42.5°	4697.3	4905.2	5097.1	5267.8	5423.6	5559.5	5673.7	5776.5	5860.0	5927.1	5982.6
40°	4970.3	5182.3	5370.9	5543.3	5688.1	5821.6	5927.5	6022.9	6104.4	6168.3	6221.4
37.5°	5223.4	5433.6	5617.2	5782.1	5920.2	6044.3	6149.1	6239.7	6319.7	6378.9	6428.2
35°	5454.7	5654.5	5836.1	5987.3	6124.2	6241.0	6344.3	6427.8	6502.1	6558.5	6603.5
32.5°	5654.5	5852.7	6021.2	6170.0	6303.7	6412.8	6511.8	6588.3	6655.6	6710.0	6751.8
30°	5836.1	6021.2	6185.5	6332.9	6454.7	6560.9	6650.0	6724.7	6787.0	6838.9	6875.6
27.5°	5987.3	6170.0	6332.9	6468.8	6585.3	6687.5	6769.2	6841.1	6895.5	6943.2	6974.8
25°	6124.2	6303.7	6454.7	6585.3	6698.4	6791.8	6869.5	6934.7	6982.8	7023.7	7047.2
22.5°	6241.0	6412.8	6560.9	6687.5	6791.8	6879.1	6952.3	7007.4	7046.8	7071.6	7085.5
20°	6344.3	6511.8	6650.0	6769.2	6869.5	6952.3	7015.7	7056.5	7084.0	7090.8	7094.8
17.5°	6427.8	6588.3	6724.7	6841.1	6934.7	7007.4	7056.5	7085.3	7093.5	7092.1	7088.0
15°	6502.1	6655.6	6787.0	6895.5	6982.8	7046.8	7084.0	7093.5	7091.2	7082.9	7070.0
12.5°	6558.5	6710.0	6838.9	6943.2	7023.7	7071.6	7090.8	7092.1	7082.9	7066.9	7048.8
10°	6603.5	6751.8	6875.6	6974.8	7047.2	7085.5	7094.8	7088.0	7070.0	7048.8	7028.7
7.5°	6639.1	6785.0	6904.9	7000.0	7062.6	7089.8	7091.8	7079.0	7057.4	7033.3	7011.5
5°	6664.8	6809.0	6926.1	7018.4	7073.9	7092.9	7089.6	7071.9	7047.0	7021.7	7001.8
2.5°	6680.4	6823.6	6939.1	7029.6	7080.8	7094.8	7088.3	7067.5	7040.4	7014.3	6995.4
0°	6685.6	6828.5	6943.4	7033.4	7083.1	7095.5	7087.8	7066.0	7038.1	7011.7	6993.1
-2.5°	6680.4	6823.6	6939.1	7029.6	7080.8	7094.8	7088.3	7067.5	7040.4	7014.3	6995.4
-5°	6664.8	6809.0	6926.1	7018.4	7073.9	7092.9	7089.6	7071.9	7047.0	7021.7	7001.8
-7.5°	6639.1	6785.0	6904.9	7000.0	7062.6	7089.8	7091.8	7079.0	7057.4	7033.3	7011.5
-10°	6603.5	6751.8	6875.6	6974.8	7047.2	7085.5	7094.8	7088.0	7070.0	7048.8	7028.7
-12.5°	6558.5	6710.0	6838.9	6943.2	7023.7	7071.6	7090.8	7092.1	7082.9	7066.9	7048.8
-15°	6502.1	6655.6	6787.0	6895.5	6982.8	7046.8	7084.0	7093.5	7091.2	7082.9	7070.0
-17.5°	6427.8	6588.3	6724.7	6841.1	6934.7	7007.4	7056.5	7085.3	7093.5	7092.1	7088.0
-20°	6344.3	6511.8	6650.0	6769.2	6869.5	6952.3	7015.7	7056.5	7084.0	7090.8	7094.8



REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6241.0	6412.8	6560.9	6687.5	6791.8	6879.1	6952.3	7007.4	7046.8	7071.6	7085.5
-25°	6124.2	6303.7	6454.7	6585.3	6698.4	6791.8	6869.5	6934.7	6982.8	7023.7	7047.2
-27.5°	5987.3	6170.0	6332.9	6468.8	6585.3	6687.5	6769.2	6841.1	6895.5	6943.2	6974.8
-30°	5836.1	6021.2	6185.5	6332.9	6454.7	6560.9	6650.0	6724.7	6787.0	6838.9	6875.6
-32.5°	5654.5	5852.7	6021.2	6170.0	6303.7	6412.8	6511.8	6588.3	6655.6	6710.0	6751.8
-35°	5454.7	5654.5	5836.1	5987.3	6124.2	6241.0	6344.3	6427.8	6502.1	6558.5	6603.5
-37.5°	5223.4	5433.6	5617.2	5782.1	5920.2	6044.3	6149.1	6239.7	6319.7	6378.9	6428.2
-40°	4970.3	5182.3	5370.9	5543.3	5688.1	5821.6	5927.5	6022.9	6104.4	6168.3	6221.4
-42.5°	4697.3	4905.2	5097.1	5267.8	5423.6	5559.5	5673.7	5776.5	5860.0	5927.1	5982.6
-45°	4394.0	4603.6	4798.0	4966.9	5124.5	5260.2	5382.4	5492.1	5577.6	5649.4	5708.9
-47.5°	4058.1	4275.0	4465.2	4639.3	4797.1	4932.0	5054.8	5163.5	5252.5	5328.8	5391.9
-50°	3690.1	3910.2	4101.0	4280.0	4434.6	4572.8	4698.3	4805.5	4894.6	4970.8	5033.7
-52.5°	3287.2	3499.9	3699.7	3882.2	4035.9	4177.1	4305.2	4410.5	4501.1	4578.6	4642.5
-55°	2860.5	3065.4	3258.3	3432.8	3592.7	3739.3	3869.3	3974.3	4066.2	4144.7	4209.4
-57.5°	2437.7	2620.6	2794.1	2959.7	3112.9	3253.3	3377.2	3485.6	3580.4	3661.3	3727.9
-60°	2038.7	2182.9	2338.4	2485.0	2620.6	2744.8	2860.5	2963.6	3053.7	3130.5	3193.8
-62.5°	1681.7	1801.1	1924.1	2038.7	2144.6	2249.1	2350.8	2441.2	2520.2	2587.5	2642.9
-65°	1394.1	1485.6	1571.4	1651.3	1725.9	1813.0	1891.6	1961.6	2022.6	2074.6	2117.4
-67.5°	1146.3	1214.5	1278.4	1337.9	1399.8	1459.9	1514.0	1562.2	1604.2	1640.0	1669.3
-70°	934.3	982.0	1026.6	1072.2	1120.6	1164.7	1204.5	1239.9	1270.7	1296.9	1318.5
-72.5°	757.8	789.4	821.1	857.2	890.5	920.8	948.1	972.4	993.5	1011.5	1026.3
-75°	612.0	636.7	662.0	685.4	706.9	726.6	744.3	760.0	773.7	785.4	794.9
-77.5°	481.0	500.8	519.2	536.3	552.1	566.5	579.4	590.9	600.9	609.4	616.3
-80°	344.0	360.5	375.9	390.2	403.3	415.3	426.1	435.7	444.0	451.1	456.9
-82.5°	214.4	225.6	236.0	245.8	254.7	262.8	270.1	276.6	282.3	287.1	291.1
-85°	106.1	111.3	116.0	120.5	124.6	128.3	131.6	134.6	137.2	139.4	141.2
-87.5°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	37.9	38.2
-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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	38.5	38.7	38.8	38.8	38.8	38.7	38.5	38.2	37.9	37.5	37.0
85°	142.6	143.6	144.2	144.4	144.2	143.6	142.6	141.2	139.4	137.2	134.6
82.5°	294.1	296.3	297.7	298.1	297.7	296.3	294.1	291.1	287.1	282.3	276.6
80°	461.5	464.7	466.6	467.3	466.6	464.7	461.5	456.9	451.1	444.0	435.7
77.5°	621.8	625.7	628.0	628.8	628.0	625.7	621.8	616.3	609.4	600.9	590.9
75°	802.4	807.7	810.9	812.0	810.9	807.7	802.4	794.9	785.4	773.7	760.0
72.5°	1037.8	1046.1	1051.0	1052.7	1051.0	1046.1	1037.8	1026.3	1011.5	993.5	972.4
70°	1335.3	1347.3	1354.6	1357.0	1354.6	1347.3	1335.3	1318.5	1296.9	1270.7	1239.9
67.5°	1692.3	1708.7	1718.6	1721.9	1718.6	1708.7	1692.3	1669.3	1640.0	1604.2	1562.2
65°	2150.8	2174.7	2189.1	2193.9	2189.1	2174.7	2150.8	2117.4	2074.6	2022.6	1961.6
62.5°	2686.1	2717.1	2735.8	2742.0	2735.8	2717.1	2686.1	2642.9	2587.5	2520.2	2441.2
60°	3243.2	3278.7	3300.0	3307.1	3300.0	3278.7	3243.2	3193.8	3130.5	3053.7	2963.6
57.5°	3780.0	3817.4	3839.9	3847.4	3839.9	3817.4	3780.0	3727.9	3661.3	3580.4	3485.6
55°	4260.1	4296.4	4318.3	4325.6	4318.3	4296.4	4260.1	4209.4	4144.7	4066.2	3974.3
52.5°	4692.5	4728.4	4750.1	4757.3	4750.1	4728.4	4692.5	4642.5	4578.6	4501.1	4410.5
50°	5083.1	5118.5	5139.9	5147.0	5139.9	5118.5	5083.1	5033.7	4970.8	4894.6	4805.5
47.5°	5441.4	5477.0	5498.4	5505.6	5498.4	5477.0	5441.4	5391.9	5328.8	5252.5	5163.5
45°	5755.6	5789.2	5809.4	5816.2	5809.4	5789.2	5755.6	5708.9	5649.4	5577.6	5492.1
42.5°	6026.4	6057.8	6076.8	6083.2	6076.8	6057.8	6026.4	5982.6	5927.1	5860.0	5776.5
40°	6263.2	6293.4	6311.6	6317.7	6311.6	6293.4	6263.2	6221.4	6168.3	6104.4	6022.9
37.5°	6467.2	6495.3	6512.3	6518.0	6512.3	6495.3	6467.2	6428.2	6378.9	6319.7	6239.7
35°	6639.1	6664.8	6680.4	6685.6	6680.4	6664.8	6639.1	6603.5	6558.5	6502.1	6427.8
32.5°	6785.0	6809.0	6823.6	6828.5	6823.6	6809.0	6785.0	6751.8	6710.0	6655.6	6588.3
30°	6904.9	6926.1	6939.1	6943.4	6939.1	6926.1	6904.9	6875.6	6838.9	6787.0	6724.7
27.5°	7000.0	7018.4	7029.6	7033.4	7029.6	7018.4	7000.0	6974.8	6943.2	6895.5	6841.1
25°	7062.6	7073.9	7080.8	7083.1	7080.8	7073.9	7062.6	7047.2	7023.7	6982.8	6934.7
22.5°	7089.8	7092.9	7094.8	7095.5	7094.8	7092.9	7089.8	7085.5	7071.6	7046.8	7007.4
20°	7091.8	7089.6	7088.3	7087.8	7088.3	7089.6	7091.8	7094.8	7090.8	7084.0	7056.5
17.5°	7079.0	7071.9	7067.5	7066.0	7067.5	7071.9	7079.0	7088.0	7092.1	7093.5	7085.3
15°	7057.4	7047.0	7040.4	7038.1	7040.4	7047.0	7057.4	7070.0	7082.9	7091.2	7093.5
12.5°	7033.3	7021.7	7014.3	7011.7	7014.3	7021.7	7033.3	7048.8	7066.9	7082.9	7092.1
10°	7011.5	7001.8	6995.4	6993.1	6995.4	7001.8	7011.5	7028.7	7048.8	7070.0	7088.0
7.5°	6997.5	6988.8	6984.0	6982.2	6984.0	6988.8	6997.5	7011.5	7033.3	7057.4	7079.0
5°	6988.8	6980.1	6972.7	6969.8	6972.7	6980.1	6988.8	7001.8	7021.7	7047.0	7071.9
2.5°	6984.0	6972.7	6961.6	6955.8	6961.6	6972.7	6984.0	6995.4	7014.3	7040.4	7067.5
0°	6982.2	6969.8	6955.8	6957.4	6955.8	6969.8	6982.2	6993.1	7011.7	7038.1	7066.0
-2.5°	6984.0	6972.7	6961.6	6955.8	6961.6	6972.7	6984.0	6995.4	7014.3	7040.4	7067.5
-5°	6988.8	6980.1	6972.7	6969.8	6972.7	6980.1	6988.8	7001.8	7021.7	7047.0	7071.9
-7.5°	6997.5	6988.8	6984.0	6982.2	6984.0	6988.8	6997.5	7011.5	7033.3	7057.4	7079.0
-10°	7011.5	7001.8	6995.4	6993.1	6995.4	7001.8	7011.5	7028.7	7048.8	7070.0	7088.0
-12.5°	7033.3	7021.7	7014.3	7011.7	7014.3	7021.7	7033.3	7048.8	7066.9	7082.9	7092.1
-15°	7057.4	7047.0	7040.4	7038.1	7040.4	7047.0	7057.4	7070.0	7082.9	7091.2	7093.5
-17.5°	7079.0	7071.9	7067.5	7066.0	7067.5	7071.9	7079.0	7088.0	7092.1	7093.5	7085.3
-20°	7091.8	7089.6	7088.3	7087.8	7088.3	7089.6	7091.8	7094.8	7090.8	7084.0	7056.5



REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7089.8	7092.9	7094.8	7095.5	7094.8	7092.9	7089.8	7085.5	7071.6	7046.8	7007.4
-25°	7062.6	7073.9	7080.8	7083.1	7080.8	7073.9	7062.6	7047.2	7023.7	6982.8	6934.7
-27.5°	7000.0	7018.4	7029.6	7033.4	7029.6	7018.4	7000.0	6974.8	6943.2	6895.5	6841.1
-30°	6904.9	6926.1	6939.1	6943.4	6939.1	6926.1	6904.9	6875.6	6838.9	6787.0	6724.7
-32.5°	6785.0	6809.0	6823.6	6828.5	6823.6	6809.0	6785.0	6751.8	6710.0	6655.6	6588.3
-35°	6639.1	6664.8	6680.4	6685.6	6680.4	6664.8	6639.1	6603.5	6558.5	6502.1	6427.8
-37.5°	6467.2	6495.3	6512.3	6518.0	6512.3	6495.3	6467.2	6428.2	6378.9	6319.7	6239.7
-40°	6263.2	6293.4	6311.6	6317.7	6311.6	6293.4	6263.2	6221.4	6168.3	6104.4	6022.9
-42.5°	6026.4	6057.8	6076.8	6083.2	6076.8	6057.8	6026.4	5982.6	5927.1	5860.0	5776.5
-45°	5755.6	5789.2	5809.4	5816.2	5809.4	5789.2	5755.6	5708.9	5649.4	5577.6	5492.1
-47.5°	5441.4	5477.0	5498.4	5505.6	5498.4	5477.0	5441.4	5391.9	5328.8	5252.5	5163.5
-50°	5083.1	5118.5	5139.9	5147.0	5139.9	5118.5	5083.1	5033.7	4970.8	4894.6	4805.5
-52.5°	4692.5	4728.4	4750.1	4757.3	4750.1	4728.4	4692.5	4642.5	4578.6	4501.1	4410.5
-55°	4260.1	4296.4	4318.3	4325.6	4318.3	4296.4	4260.1	4209.4	4144.7	4066.2	3974.3
-57.5°	3780.0	3817.4	3839.9	3847.4	3839.9	3817.4	3780.0	3727.9	3661.3	3580.4	3485.6
-60°	3243.2	3278.7	3300.0	3307.1	3300.0	3278.7	3243.2	3193.8	3130.5	3053.7	2963.6
-62.5°	2686.1	2717.1	2735.8	2742.0	2735.8	2717.1	2686.1	2642.9	2587.5	2520.2	2441.2
-65°	2150.8	2174.7	2189.1	2193.9	2189.1	2174.7	2150.8	2117.4	2074.6	2022.6	1961.6
-67.5°	1692.3	1708.7	1718.6	1721.9	1718.6	1708.7	1692.3	1669.3	1640.0	1604.2	1562.2
-70°	1335.3	1347.3	1354.6	1357.0	1354.6	1347.3	1335.3	1318.5	1296.9	1270.7	1239.9
-72.5°	1037.8	1046.1	1051.0	1052.7	1051.0	1046.1	1037.8	1026.3	1011.5	993.5	972.4
-75°	802.4	807.7	810.9	812.0	810.9	807.7	802.4	794.9	785.4	773.7	760.0
-77.5°	621.8	625.7	628.0	628.8	628.0	625.7	621.8	616.3	609.4	600.9	590.9
-80°	461.5	464.7	466.6	467.3	466.6	464.7	461.5	456.9	451.1	444.0	435.7
-82.5°	294.1	296.3	297.7	298.1	297.7	296.3	294.1	291.1	287.1	282.3	276.6
-85°	142.6	143.6	144.2	144.4	144.2	143.6	142.6	141.2	139.4	137.2	134.6
-87.5°	38.5	38.7	38.8	38.8	38.8	38.7	38.5	38.2	37.9	37.5	37.0
-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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
85°	131.6	128.3	124.6	120.5	116.0	111.3	106.1	100.7	94.9	88.8	82.4
82.5°	270.1	262.8	254.7	245.8	236.0	225.6	214.4	202.4	189.8	176.5	162.6
80°	426.1	415.3	403.3	390.2	375.9	360.5	344.0	326.4	307.9	289.2	270.6
77.5°	579.4	566.5	552.1	536.3	519.2	500.8	481.0	459.7	436.4	412.0	386.3
75°	744.3	726.6	706.9	685.4	662.0	636.7	612.0	586.8	560.0	531.9	502.5
72.5°	948.1	920.8	890.5	857.2	821.1	789.4	757.8	724.2	688.7	651.5	614.4
70°	1204.5	1164.7	1120.6	1072.2	1026.6	982.0	934.3	883.7	830.2	783.1	738.4
67.5°	1514.0	1459.9	1399.8	1337.9	1278.4	1214.5	1146.3	1073.9	1009.1	945.7	879.4
65°	1891.6	1813.0	1725.9	1651.3	1571.4	1485.6	1394.1	1307.1	1221.8	1132.4	1041.9
62.5°	2350.8	2249.1	2144.6	2038.7	1924.1	1801.1	1681.7	1574.4	1461.4	1345.3	1242.2
60°	2860.5	2744.8	2620.6	2485.0	2338.4	2182.9	2038.7	1886.3	1725.9	1595.2	1459.9
57.5°	3377.2	3253.3	3112.9	2959.7	2794.1	2620.6	2437.7	2244.5	2062.7	1879.9	1697.0
55°	3869.3	3739.3	3592.7	3432.8	3258.3	3065.4	2860.5	2647.3	2427.3	2197.6	1991.4
52.5°	4305.2	4177.1	4035.9	3882.2	3699.7	3499.9	3287.2	3053.7	2809.1	2559.7	2302.8
50°	4698.3	4572.8	4434.6	4280.0	4101.0	3910.2	3690.1	3450.0	3193.8	2920.3	2639.8
47.5°	5054.8	4932.0	4797.1	4639.3	4465.2	4275.0	4058.1	3828.1	3559.3	3278.7	2976.2
45°	5382.4	5260.2	5124.5	4966.9	4798.0	4603.6	4394.0	4158.0	3904.4	3614.4	3307.1
42.5°	5673.7	5559.5	5423.6	5267.8	5097.1	4905.2	4697.3	4463.3	4208.4	3929.2	3614.4
40°	5927.5	5821.6	5688.1	5543.3	5370.9	5182.3	4970.3	4744.6	4486.5	4208.4	3904.4
37.5°	6149.1	6044.3	5920.2	5782.1	5617.2	5433.6	5223.4	4992.1	4744.6	4463.3	4158.0
35°	6344.3	6241.0	6124.2	5987.3	5836.1	5654.5	5454.7	5223.4	4970.3	4697.3	4394.0
32.5°	6511.8	6412.8	6303.7	6170.0	6021.2	5852.7	5654.5	5433.6	5182.3	4905.2	4603.6
30°	6650.0	6560.9	6454.7	6332.9	6185.5	6021.2	5836.1	5617.2	5370.9	5097.1	4798.0
27.5°	6769.2	6687.5	6585.3	6468.8	6332.9	6170.0	5987.3	5782.1	5543.3	5267.8	4966.9
25°	6869.5	6791.8	6698.4	6585.3	6454.7	6303.7	6124.2	5920.2	5688.1	5423.6	5124.5
22.5°	6952.3	6879.1	6791.8	6687.5	6560.9	6412.8	6241.0	6044.3	5821.6	5559.5	5260.2
20°	7015.7	6952.3	6869.5	6769.2	6650.0	6511.8	6344.3	6149.1	5927.5	5673.7	5382.4
17.5°	7056.5	7007.4	6934.7	6841.1	6724.7	6588.3	6427.8	6239.7	6022.9	5776.5	5492.1
15°	7084.0	7046.8	6982.8	6895.5	6787.0	6655.6	6502.1	6319.7	6104.4	5860.0	5577.6
12.5°	7090.8	7071.6	7023.7	6943.2	6838.9	6710.0	6558.5	6378.9	6168.3	5927.1	5649.4
10°	7094.8	7085.5	7047.2	6974.8	6875.6	6751.8	6603.5	6428.2	6221.4	5982.6	5708.9
7.5°	7091.8	7089.8	7062.6	7000.0	6904.9	6785.0	6639.1	6467.2	6263.2	6026.4	5755.6
5°	7089.6	7092.9	7073.9	7018.4	6926.1	6809.0	6664.8	6495.3	6293.4	6057.8	5789.2
2.5°	7088.3	7094.8	7080.8	7029.6	6939.1	6823.6	6680.4	6512.3	6311.6	6076.8	5809.4
0°	7087.8	7095.5	7083.1	7033.4	6943.4	6828.5	6685.6	6518.0	6317.7	6083.2	5816.2
-2.5°	7088.3	7094.8	7080.8	7029.6	6939.1	6823.6	6680.4	6512.3	6311.6	6076.8	5809.4
-5°	7089.6	7092.9	7073.9	7018.4	6926.1	6809.0	6664.8	6495.3	6293.4	6057.8	5789.2
-7.5°	7091.8	7089.8	7062.6	7000.0	6904.9	6785.0	6639.1	6467.2	6263.2	6026.4	5755.6
-10°	7094.8	7085.5	7047.2	6974.8	6875.6	6751.8	6603.5	6428.2	6221.4	5982.6	5708.9
-12.5°	7090.8	7071.6	7023.7	6943.2	6838.9	6710.0	6558.5	6378.9	6168.3	5927.1	5649.4
-15°	7084.0	7046.8	6982.8	6895.5	6787.0	6655.6	6502.1	6319.7	6104.4	5860.0	5577.6
-17.5°	7056.5	7007.4	6934.7	6841.1	6724.7	6588.3	6427.8	6239.7	6022.9	5776.5	5492.1
-20°	7015.7	6952.3	6869.5	6769.2	6650.0	6511.8	6344.3	6149.1	5927.5	5673.7	5382.4



REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6952.3	6879.1	6791.8	6687.5	6560.9	6412.8	6241.0	6044.3	5821.6	5559.5	5260.2
-25°	6869.5	6791.8	6698.4	6585.3	6454.7	6303.7	6124.2	5920.2	5688.1	5423.6	5124.5
-27.5°	6769.2	6687.5	6585.3	6468.8	6332.9	6170.0	5987.3	5782.1	5543.3	5267.8	4966.9
-30°	6650.0	6560.9	6454.7	6332.9	6185.5	6021.2	5836.1	5617.2	5370.9	5097.1	4798.0
-32.5°	6511.8	6412.8	6303.7	6170.0	6021.2	5852.7	5654.5	5433.6	5182.3	4905.2	4603.6
-35°	6344.3	6241.0	6124.2	5987.3	5836.1	5654.5	5454.7	5223.4	4970.3	4697.3	4394.0
-37.5°	6149.1	6044.3	5920.2	5782.1	5617.2	5433.6	5223.4	4992.1	4744.6	4463.3	4158.0
-40°	5927.5	5821.6	5688.1	5543.3	5370.9	5182.3	4970.3	4744.6	4486.5	4208.4	3904.4
-42.5°	5673.7	5559.5	5423.6	5267.8	5097.1	4905.2	4697.3	4463.3	4208.4	3929.2	3614.4
-45°	5382.4	5260.2	5124.5	4966.9	4798.0	4603.6	4394.0	4158.0	3904.4	3614.4	3307.1
-47.5°	5054.8	4932.0	4797.1	4639.3	4465.2	4275.0	4058.1	3828.1	3559.3	3278.7	2976.2
-50°	4698.3	4572.8	4434.6	4280.0	4101.0	3910.2	3690.1	3450.0	3193.8	2920.3	2639.8
-52.5°	4305.2	4177.1	4035.9	3882.2	3699.7	3499.9	3287.2	3053.7	2809.1	2559.7	2302.8
-55°	3869.3	3739.3	3592.7	3432.8	3258.3	3065.4	2860.5	2647.3	2427.3	2197.6	1991.4
-57.5°	3377.2	3253.3	3112.9	2959.7	2794.1	2620.6	2437.7	2244.5	2062.7	1879.9	1697.0
-60°	2860.5	2744.8	2620.6	2485.0	2338.4	2182.9	2038.7	1886.3	1725.9	1595.2	1459.9
-62.5°	2350.8	2249.1	2144.6	2038.7	1924.1	1801.1	1681.7	1574.4	1461.4	1345.3	1242.2
-65°	1891.6	1813.0	1725.9	1651.3	1571.4	1485.6	1394.1	1307.1	1221.8	1132.4	1041.9
-67.5°	1514.0	1459.9	1399.8	1337.9	1278.4	1214.5	1146.3	1073.9	1009.1	945.7	879.4
-70°	1204.5	1164.7	1120.6	1072.2	1026.6	982.0	934.3	883.7	830.2	783.1	738.4
-72.5°	948.1	920.8	890.5	857.2	821.1	789.4	757.8	724.2	688.7	651.5	614.4
-75°	744.3	726.6	706.9	685.4	662.0	636.7	612.0	586.8	560.0	531.9	502.5
-77.5°	579.4	566.5	552.1	536.3	519.2	500.8	481.0	459.7	436.4	412.0	386.3
-80°	426.1	415.3	403.3	390.2	375.9	360.5	344.0	326.4	307.9	289.2	270.6
-82.5°	270.1	262.8	254.7	245.8	236.0	225.6	214.4	202.4	189.8	176.5	162.6
-85°	131.6	128.3	124.6	120.5	116.0	111.3	106.1	100.7	94.9	88.8	82.4
-87.5°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
-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: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	11.7
85°	75.8	68.9	61.7	54.2	46.6	38.8	35.8	32.8	29.7	26.5	23.3
82.5°	148.0	136.5	125.7	114.6	103.1	91.3	79.2	66.8	54.1	41.3	34.9
80°	251.2	231.0	210.1	188.4	166.1	143.6	127.5	111.0	94.1	77.0	59.6
77.5°	359.6	331.8	302.9	275.4	247.6	219.0	189.6	159.7	133.9	112.5	90.8
75°	471.8	438.6	404.0	368.3	331.5	294.1	259.0	223.1	186.5	149.2	121.7
72.5°	578.5	541.3	502.7	462.7	419.8	375.8	330.7	285.9	243.3	199.9	156.0
70°	691.8	643.5	597.6	552.1	505.4	456.9	405.5	353.0	299.5	250.0	199.9
67.5°	810.8	756.3	700.0	642.0	587.8	533.9	478.8	420.4	360.4	299.5	243.3
65°	965.1	885.4	805.3	740.8	674.6	609.4	548.3	485.9	420.4	353.0	285.9
62.5°	1135.1	1030.2	939.6	846.5	765.5	691.0	616.6	548.3	478.8	405.5	330.7
60°	1325.7	1204.5	1079.6	972.4	868.2	773.7	691.0	609.4	533.9	456.9	375.8
57.5°	1544.4	1386.8	1246.5	1107.4	983.3	868.2	765.5	674.6	587.8	505.4	419.8
55°	1778.4	1595.6	1420.7	1260.5	1107.4	972.4	846.5	740.8	642.0	552.1	462.7
52.5°	2058.9	1823.0	1612.7	1420.7	1246.5	1079.6	939.6	805.3	700.0	597.6	502.7
50°	2355.8	2081.5	1823.0	1595.6	1386.8	1204.5	1030.2	885.4	756.3	643.5	541.3
47.5°	2666.7	2355.8	2058.9	1778.4	1544.4	1325.7	1135.1	965.1	810.8	691.8	578.5
45°	2976.2	2639.8	2302.8	1991.4	1697.0	1459.9	1242.2	1041.9	879.4	738.4	614.4
42.5°	3278.7	2920.3	2559.7	2197.6	1879.9	1595.2	1345.3	1132.4	945.7	783.1	651.5
40°	3559.3	3193.8	2809.1	2427.3	2062.7	1725.9	1461.4	1221.8	1009.1	830.2	688.7
37.5°	3828.1	3450.0	3053.7	2647.3	2244.5	1886.3	1574.4	1307.1	1073.9	883.7	724.2
35°	4058.1	3690.1	3287.2	2860.5	2437.7	2038.7	1681.7	1394.1	1146.3	934.3	757.8
32.5°	4275.0	3910.2	3499.9	3065.4	2620.6	2182.9	1801.1	1485.6	1214.5	982.0	789.4
30°	4465.2	4101.0	3699.7	3258.3	2794.1	2338.4	1924.1	1571.4	1278.4	1026.6	821.1
27.5°	4639.3	4280.0	3882.2	3432.8	2959.7	2485.0	2038.7	1651.3	1337.9	1072.2	857.2
25°	4797.1	4434.6	4035.9	3592.7	3112.9	2620.6	2144.6	1725.9	1399.8	1120.6	890.5
22.5°	4932.0	4572.8	4177.1	3739.3	3253.3	2744.8	2249.1	1813.0	1459.9	1164.7	920.8
20°	5054.8	4698.3	4305.2	3869.3	3377.2	2860.5	2350.8	1891.6	1514.0	1204.5	948.1
17.5°	5163.5	4805.5	4410.5	3974.3	3485.6	2963.6	2441.2	1961.6	1562.2	1239.9	972.4
15°	5252.5	4894.6	4501.1	4066.2	3580.4	3053.7	2520.2	2022.6	1604.2	1270.7	993.5
12.5°	5328.8	4970.8	4578.6	4144.7	3661.3	3130.5	2587.5	2074.6	1640.0	1296.9	1011.5
10°	5391.9	5033.7	4642.5	4209.4	3727.9	3193.8	2642.9	2117.4	1669.3	1318.5	1026.3
7.5°	5441.4	5083.1	4692.5	4260.1	3780.0	3243.2	2686.1	2150.8	1692.3	1335.3	1037.8
5°	5477.0	5118.5	4728.4	4296.4	3817.4	3278.7	2717.1	2174.7	1708.7	1347.3	1046.1
2.5°	5498.4	5139.9	4750.1	4318.3	3839.9	3300.0	2735.8	2189.1	1718.6	1354.6	1051.0
0°	5505.6	5147.0	4757.3	4325.6	3847.4	3307.1	2742.0	2193.9	1721.9	1357.0	1052.7
-2.5°	5498.4	5139.9	4750.1	4318.3	3839.9	3300.0	2735.8	2189.1	1718.6	1354.6	1051.0
-5°	5477.0	5118.5	4728.4	4296.4	3817.4	3278.7	2717.1	2174.7	1708.7	1347.3	1046.1
-7.5°	5441.4	5083.1	4692.5	4260.1	3780.0	3243.2	2686.1	2150.8	1692.3	1335.3	1037.8
-10°	5391.9	5033.7	4642.5	4209.4	3727.9	3193.8	2642.9	2117.4	1669.3	1318.5	1026.3
-12.5°	5328.8	4970.8	4578.6	4144.7	3661.3	3130.5	2587.5	2074.6	1640.0	1296.9	1011.5
-15°	5252.5	4894.6	4501.1	4066.2	3580.4	3053.7	2520.2	2022.6	1604.2	1270.7	993.5
-17.5°	5163.5	4805.5	4410.5	3974.3	3485.6	2963.6	2441.2	1961.6	1562.2	1239.9	972.4
-20°	5054.8	4698.3	4305.2	3869.3	3377.2	2860.5	2350.8	1891.6	1514.0	1204.5	948.1

Classified

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



REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4932.0	4572.8	4177.1	3739.3	3253.3	2744.8	2249.1	1813.0	1459.9	1164.7	920.8
-25°	4797.1	4434.6	4035.9	3592.7	3112.9	2620.6	2144.6	1725.9	1399.8	1120.6	890.5
-27.5°	4639.3	4280.0	3882.2	3432.8	2959.7	2485.0	2038.7	1651.3	1337.9	1072.2	857.2
-30°	4465.2	4101.0	3699.7	3258.3	2794.1	2338.4	1924.1	1571.4	1278.4	1026.6	821.1
-32.5°	4275.0	3910.2	3499.9	3065.4	2620.6	2182.9	1801.1	1485.6	1214.5	982.0	789.4
-35°	4058.1	3690.1	3287.2	2860.5	2437.7	2038.7	1681.7	1394.1	1146.3	934.3	757.8
-37.5°	3828.1	3450.0	3053.7	2647.3	2244.5	1886.3	1574.4	1307.1	1073.9	883.7	724.2
-40°	3559.3	3193.8	2809.1	2427.3	2062.7	1725.9	1461.4	1221.8	1009.1	830.2	688.7
-42.5°	3278.7	2920.3	2559.7	2197.6	1879.9	1595.2	1345.3	1132.4	945.7	783.1	651.5
-45°	2976.2	2639.8	2302.8	1991.4	1697.0	1459.9	1242.2	1041.9	879.4	738.4	614.4
-47.5°	2666.7	2355.8	2058.9	1778.4	1544.4	1325.7	1135.1	965.1	810.8	691.8	578.5
-50°	2355.8	2081.5	1823.0	1595.6	1386.8	1204.5	1030.2	885.4	756.3	643.5	541.3
-52.5°	2058.9	1823.0	1612.7	1420.7	1246.5	1079.6	939.6	805.3	700.0	597.6	502.7
-55°	1778.4	1595.6	1420.7	1260.5	1107.4	972.4	846.5	740.8	642.0	552.1	462.7
-57.5°	1544.4	1386.8	1246.5	1107.4	983.3	868.2	765.5	674.6	587.8	505.4	419.8
-60°	1325.7	1204.5	1079.6	972.4	868.2	773.7	691.0	609.4	533.9	456.9	375.8
-62.5°	1135.1	1030.2	939.6	846.5	765.5	691.0	616.6	548.3	478.8	405.5	330.7
-65°	965.1	885.4	805.3	740.8	674.6	609.4	548.3	485.9	420.4	353.0	285.9
-67.5°	810.8	756.3	700.0	642.0	587.8	533.9	478.8	420.4	360.4	299.5	243.3
-70°	691.8	643.5	597.6	552.1	505.4	456.9	405.5	353.0	299.5	250.0	199.9
-72.5°	578.5	541.3	502.7	462.7	419.8	375.8	330.7	285.9	243.3	199.9	156.0
-75°	471.8	438.6	404.0	368.3	331.5	294.1	259.0	223.1	186.5	149.2	121.7
-77.5°	359.6	331.8	302.9	275.4	247.6	219.0	189.6	159.7	133.9	112.5	90.8
-80°	251.2	231.0	210.1	188.4	166.1	143.6	127.5	111.0	94.1	77.0	59.6
-82.5°	148.0	136.5	125.7	114.6	103.1	91.3	79.2	66.8	54.1	41.3	34.9
-85°	75.8	68.9	61.7	54.2	46.6	38.8	35.8	32.8	29.7	26.5	23.3
-87.5°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	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

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REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-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°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
85°	20.1	16.8	13.5	10.1	6.8	3.4	0.0
82.5°	30.0	25.1	20.2	15.2	10.1	5.1	0.0
80°	42.0	33.4	26.8	20.2	13.5	6.7	0.0
77.5°	68.8	46.6	33.4	25.1	16.8	8.4	0.0
75°	95.4	68.8	42.0	30.0	20.1	10.0	0.0
72.5°	121.7	90.8	59.6	34.9	23.3	11.7	0.0
70°	149.2	112.5	77.0	41.3	26.5	13.3	0.0
67.5°	186.5	133.9	94.1	54.1	29.7	14.8	0.0
65°	223.1	159.7	111.0	66.8	32.8	16.4	0.0
62.5°	259.0	189.6	127.5	79.2	35.8	17.9	0.0
60°	294.1	219.0	143.6	91.3	38.8	19.4	0.0
57.5°	331.5	247.6	166.1	103.1	46.6	20.8	0.0
55°	368.3	275.4	188.4	114.6	54.2	22.3	0.0
52.5°	404.0	302.9	210.1	125.7	61.7	23.6	0.0
50°	438.6	331.8	231.0	136.5	68.9	24.9	0.0
47.5°	471.8	359.6	251.2	148.0	75.8	26.2	0.0
45°	502.5	386.3	270.6	162.6	82.4	27.4	0.0
42.5°	531.9	412.0	289.2	176.5	88.8	28.6	0.0
40°	560.0	436.4	307.9	189.8	94.9	29.7	0.0
37.5°	586.8	459.7	326.4	202.4	100.7	30.8	0.0
35°	612.0	481.0	344.0	214.4	106.1	31.8	0.0
32.5°	636.7	500.8	360.5	225.6	111.3	32.7	0.0
30°	662.0	519.2	375.9	236.0	116.0	33.6	0.0
27.5°	685.4	536.3	390.2	245.8	120.5	34.4	0.0
25°	706.9	552.1	403.3	254.7	124.6	35.2	0.0
22.5°	726.6	566.5	415.3	262.8	128.3	35.8	0.0
20°	744.3	579.4	426.1	270.1	131.6	36.5	0.0
17.5°	760.0	590.9	435.7	276.6	134.6	37.0	0.0
15°	773.7	600.9	444.0	282.3	137.2	37.5	0.0
12.5°	785.4	609.4	451.1	287.1	139.4	37.9	0.0
10°	794.9	616.3	456.9	291.1	141.2	38.2	0.0
7.5°	802.4	621.8	461.5	294.1	142.6	38.5	0.0
5°	807.7	625.7	464.7	296.3	143.6	38.7	0.0
2.5°	810.9	628.0	466.6	297.7	144.2	38.8	0.0
0°	812.0	628.8	467.3	298.1	144.4	38.8	0.0
-2.5°	810.9	628.0	466.6	297.7	144.2	38.8	0.0
-5°	807.7	625.7	464.7	296.3	143.6	38.7	0.0
-7.5°	802.4	621.8	461.5	294.1	142.6	38.5	0.0
-10°	794.9	616.3	456.9	291.1	141.2	38.2	0.0
-12.5°	785.4	609.4	451.1	287.1	139.4	37.9	0.0
-15°	773.7	600.9	444.0	282.3	137.2	37.5	0.0
-17.5°	760.0	590.9	435.7	276.6	134.6	37.0	0.0
-20°	744.3	579.4	426.1	270.1	131.6	36.5	0.0

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REPORT NUMBER: P645548 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	726.6	566.5	415.3	262.8	128.3	35.8	0.0
-25°	706.9	552.1	403.3	254.7	124.6	35.2	0.0
-27.5°	685.4	536.3	390.2	245.8	120.5	34.4	0.0
-30°	662.0	519.2	375.9	236.0	116.0	33.6	0.0
-32.5°	636.7	500.8	360.5	225.6	111.3	32.7	0.0
-35°	612.0	481.0	344.0	214.4	106.1	31.8	0.0
-37.5°	586.8	459.7	326.4	202.4	100.7	30.8	0.0
-40°	560.0	436.4	307.9	189.8	94.9	29.7	0.0
-42.5°	531.9	412.0	289.2	176.5	88.8	28.6	0.0
-45°	502.5	386.3	270.6	162.6	82.4	27.4	0.0
-47.5°	471.8	359.6	251.2	148.0	75.8	26.2	0.0
-50°	438.6	331.8	231.0	136.5	68.9	24.9	0.0
-52.5°	404.0	302.9	210.1	125.7	61.7	23.6	0.0
-55°	368.3	275.4	188.4	114.6	54.2	22.3	0.0
-57.5°	331.5	247.6	166.1	103.1	46.6	20.8	0.0
-60°	294.1	219.0	143.6	91.3	38.8	19.4	0.0
-62.5°	259.0	189.6	127.5	79.2	35.8	17.9	0.0
-65°	223.1	159.7	111.0	66.8	32.8	16.4	0.0
-67.5°	186.5	133.9	94.1	54.1	29.7	14.8	0.0
-70°	149.2	112.5	77.0	41.3	26.5	13.3	0.0
-72.5°	121.7	90.8	59.6	34.9	23.3	11.7	0.0
-75°	95.4	68.8	42.0	30.0	20.1	10.0	0.0
-77.5°	68.8	46.6	33.4	25.1	16.8	8.4	0.0
-80°	42.0	33.4	26.8	20.2	13.5	6.7	0.0
-82.5°	30.0	25.1	20.2	15.2	10.1	5.1	0.0
-85°	20.1	16.8	13.5	10.1	6.8	3.4	0.0
-87.5°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)