

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645402 (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: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-750-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

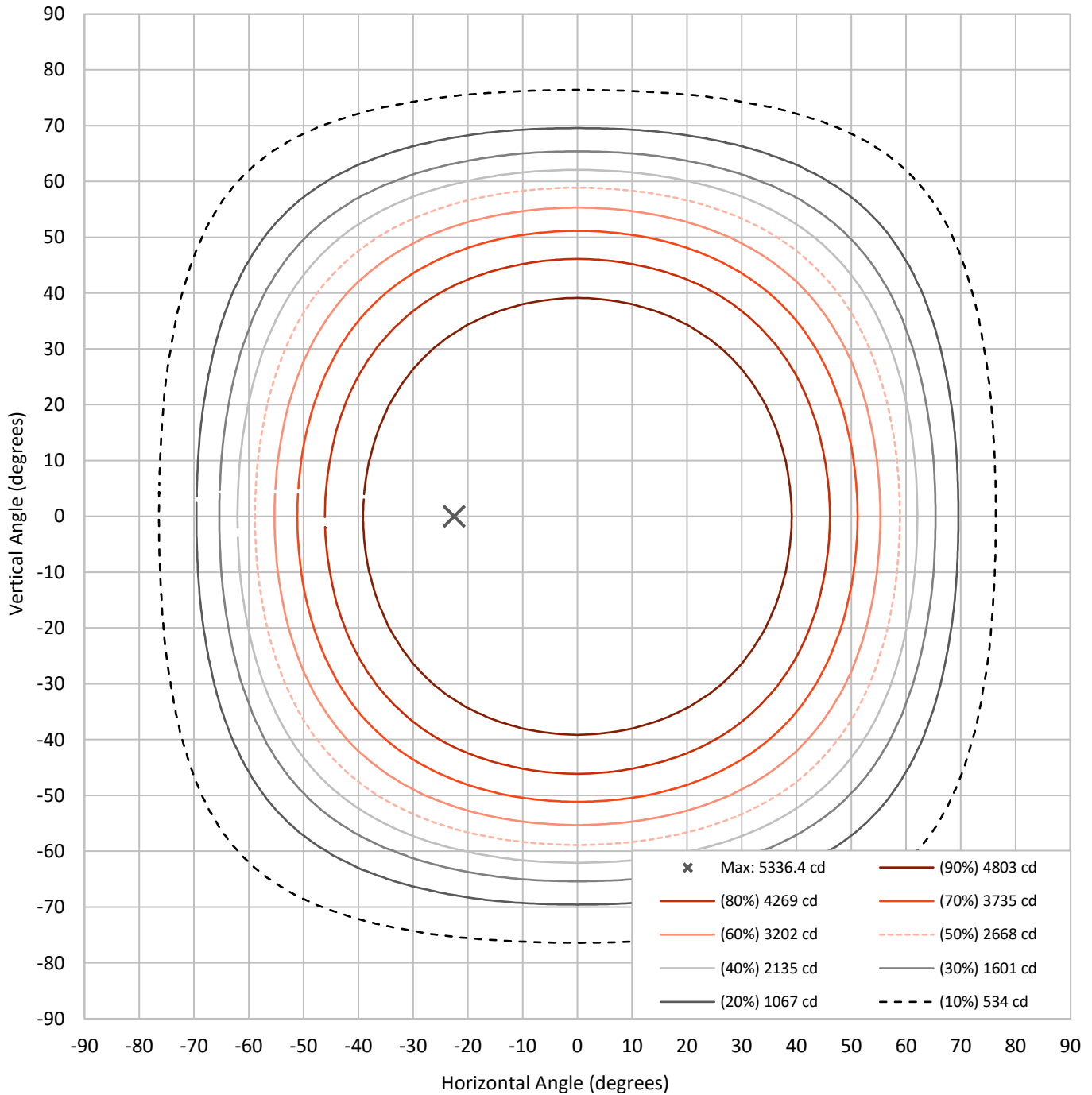
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	16324.5 lumens	Max Intensity:	5336.4 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	129.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	13585.6 lumens	Field Lumens:	16003.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

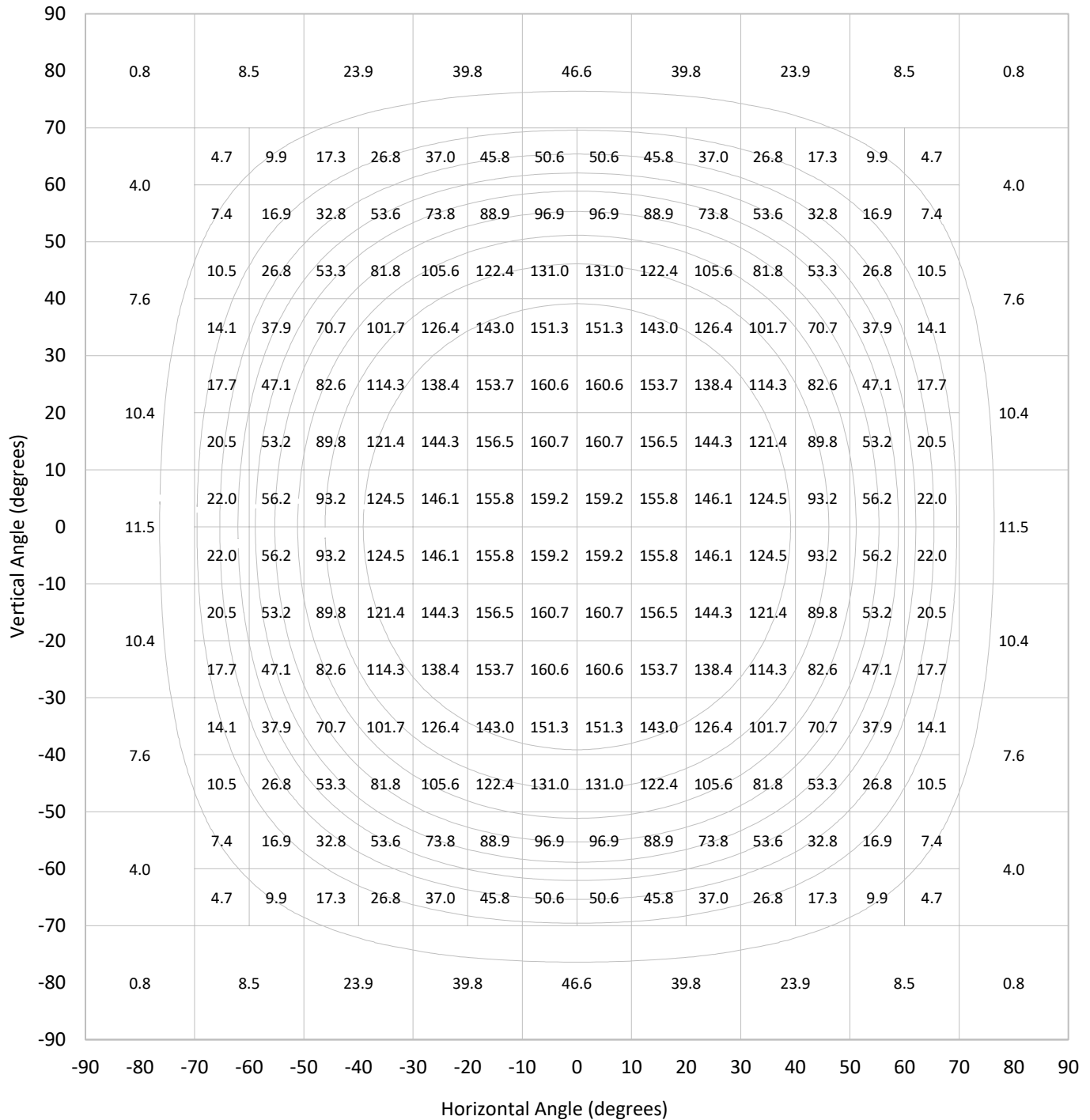
Iso-Candela Plot





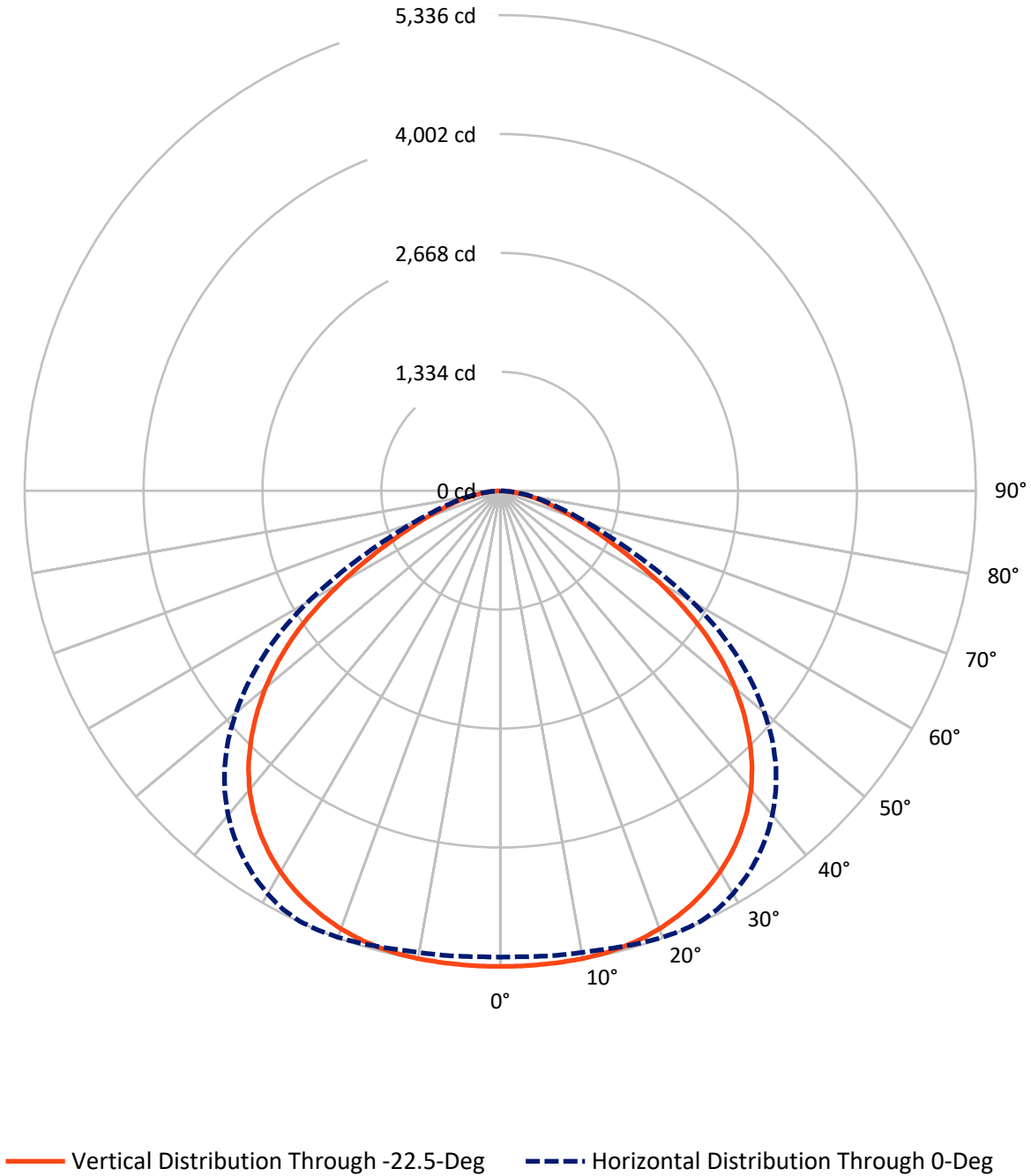
REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

Lumen Table



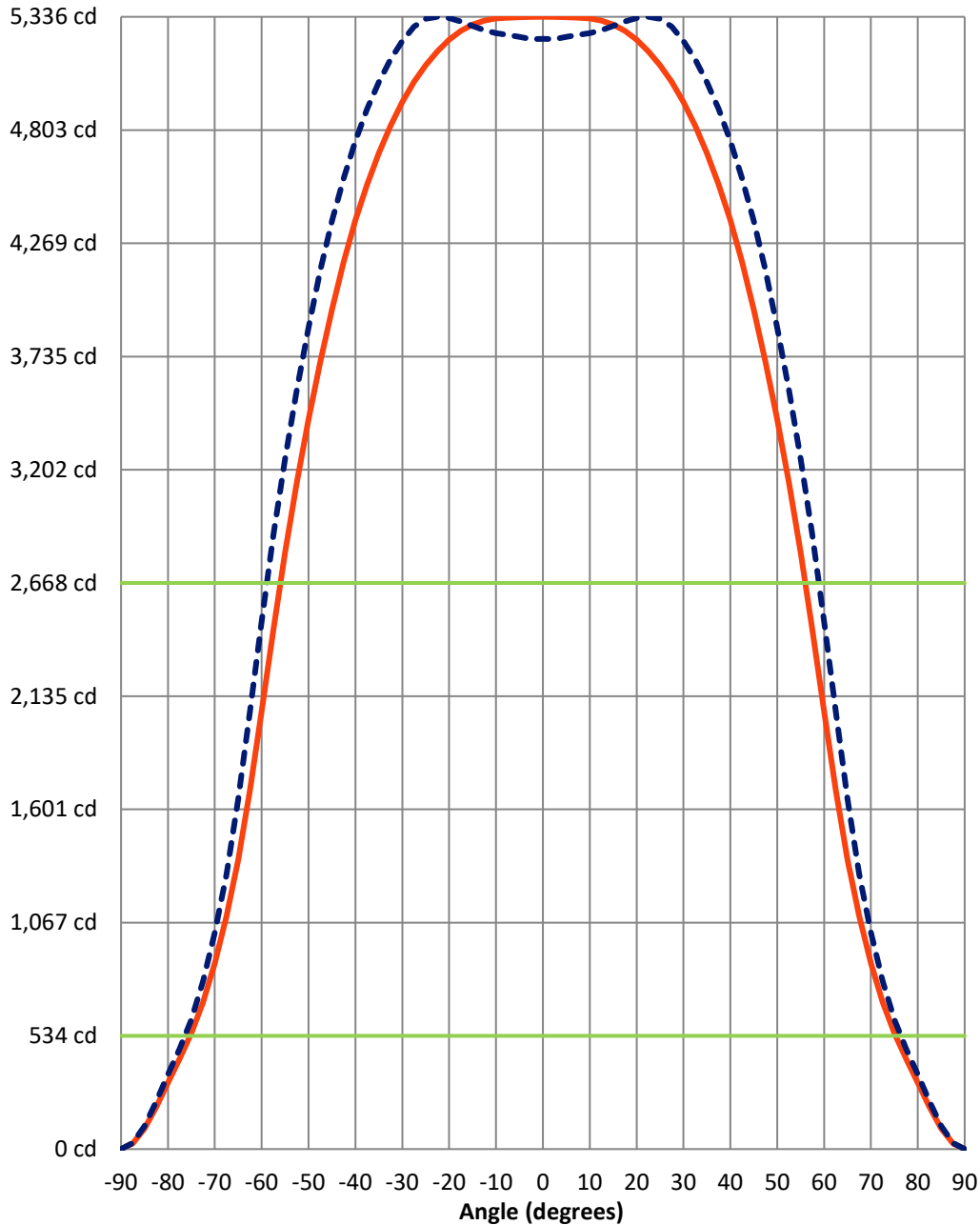
REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 13585.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 16003.5
 Efficiency: 98.0%

Spill:
 Lumens: 321.1
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

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	1.3	2.5	3.8	5.1	6.3	7.6	8.8	10.0	11.2	12.3
85°	0.0	2.5	5.1	7.6	10.1	12.6	15.1	17.5	20.0	22.3	24.7
82.5°	0.0	3.8	7.6	11.4	15.2	18.9	22.6	26.3	31.1	40.7	50.2
80°	0.0	5.1	10.1	15.2	20.2	25.2	31.6	44.9	57.9	70.8	83.5
77.5°	0.0	6.3	12.6	18.9	25.2	35.1	51.8	68.3	84.6	100.7	120.1
75°	0.0	7.6	15.1	22.6	31.6	51.8	71.8	91.6	112.2	140.2	167.8
72.5°	0.0	8.8	17.5	26.3	44.9	68.3	91.6	117.3	150.4	183.0	215.0
70°	0.0	10.0	20.0	31.1	57.9	84.6	112.2	150.4	188.0	225.3	265.5
67.5°	0.0	11.2	22.3	40.7	70.8	100.7	140.2	183.0	225.3	271.1	316.2
65°	0.0	12.3	24.7	50.2	83.5	120.1	167.8	215.0	265.5	316.2	365.5
62.5°	0.0	13.5	26.9	59.5	95.9	142.6	194.8	248.7	305.0	360.1	412.4
60°	0.0	14.6	29.2	68.6	108.0	164.7	221.2	282.6	343.7	401.6	458.3
57.5°	0.0	15.7	35.0	77.5	124.9	186.2	249.3	315.8	380.1	442.1	507.3
55°	0.0	16.7	40.8	86.2	141.7	207.2	277.0	348.0	415.3	482.8	557.1
52.5°	0.0	17.8	46.4	94.5	158.0	227.8	303.9	378.1	449.5	526.5	605.6
50°	0.0	18.8	51.8	102.7	173.7	249.5	329.9	407.1	483.9	568.8	665.9
47.5°	0.0	19.7	57.0	111.3	188.9	270.4	354.9	435.1	520.3	609.8	725.8
45°	0.0	20.6	62.0	122.3	203.5	290.6	378.0	462.1	555.3	661.4	783.6
42.5°	0.0	21.5	66.8	132.8	217.5	309.9	400.1	489.9	589.0	711.2	851.7
40°	0.0	22.4	71.4	142.7	231.5	328.3	421.2	518.0	624.4	758.9	918.9
37.5°	0.0	23.2	75.7	152.2	245.5	345.8	441.3	544.7	664.6	807.6	983.1
35°	0.0	23.9	79.8	161.2	258.7	361.8	460.3	569.9	702.7	862.1	1048.5
32.5°	0.0	24.6	83.7	169.6	271.1	376.7	478.9	593.7	738.5	913.4	1117.3
30°	0.0	25.3	87.3	177.5	282.7	390.5	497.8	617.6	772.1	961.5	1181.8
27.5°	0.0	25.9	90.6	184.8	293.5	403.4	515.5	644.7	806.4	1006.2	1241.9
25°	0.0	26.5	93.7	191.5	303.4	415.2	531.7	669.7	842.8	1052.8	1298.0
22.5°	0.0	27.0	96.5	197.7	312.4	426.0	546.5	692.5	876.0	1098.0	1363.5
20°	0.0	27.4	99.0	203.2	320.5	435.8	559.8	713.1	905.9	1138.7	1422.7
17.5°	0.0	27.8	101.2	208.1	327.7	444.4	571.6	731.3	932.5	1174.9	1475.3
15°	0.0	28.2	103.2	212.3	334.0	451.9	581.9	747.2	955.7	1206.5	1521.2
12.5°	0.0	28.5	104.8	215.9	339.3	458.3	590.7	760.7	975.4	1233.4	1560.3
10°	0.0	28.8	106.2	218.9	343.7	463.5	597.9	771.8	991.6	1255.5	1592.5
7.5°	0.0	29.0	107.2	221.2	347.1	467.6	603.5	780.5	1004.3	1272.7	1617.6
5°	0.0	29.1	108.0	222.9	349.5	470.6	607.5	786.7	1013.3	1285.1	1635.6
2.5°	0.0	29.2	108.4	223.9	351.0	472.3	609.9	790.5	1018.8	1292.5	1646.4
0°	0.0	29.2	108.6	224.2	351.5	472.9	610.7	791.7	1020.6	1295.0	1650.0
-2.5°	0.0	29.2	108.4	223.9	351.0	472.3	609.9	790.5	1018.8	1292.5	1646.4
-5°	0.0	29.1	108.0	222.9	349.5	470.6	607.5	786.7	1013.3	1285.1	1635.6
-7.5°	0.0	29.0	107.2	221.2	347.1	467.6	603.5	780.5	1004.3	1272.7	1617.6
-10°	0.0	28.8	106.2	218.9	343.7	463.5	597.9	771.8	991.6	1255.5	1592.5
-12.5°	0.0	28.5	104.8	215.9	339.3	458.3	590.7	760.7	975.4	1233.4	1560.3
-15°	0.0	28.2	103.2	212.3	334.0	451.9	581.9	747.2	955.7	1206.5	1521.2
-17.5°	0.0	27.8	101.2	208.1	327.7	444.4	571.6	731.3	932.5	1174.9	1475.3
-20°	0.0	27.4	99.0	203.2	320.5	435.8	559.8	713.1	905.9	1138.7	1422.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-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	27.0	96.5	197.7	312.4	426.0	546.5	692.5	876.0	1098.0	1363.5
-25°	0.0	26.5	93.7	191.5	303.4	415.2	531.7	669.7	842.8	1052.8	1298.0
-27.5°	0.0	25.9	90.6	184.8	293.5	403.4	515.5	644.7	806.4	1006.2	1241.9
-30°	0.0	25.3	87.3	177.5	282.7	390.5	497.8	617.6	772.1	961.5	1181.8
-32.5°	0.0	24.6	83.7	169.6	271.1	376.7	478.9	593.7	738.5	913.4	1117.3
-35°	0.0	23.9	79.8	161.2	258.7	361.8	460.3	569.9	702.7	862.1	1048.5
-37.5°	0.0	23.2	75.7	152.2	245.5	345.8	441.3	544.7	664.6	807.6	983.1
-40°	0.0	22.4	71.4	142.7	231.5	328.3	421.2	518.0	624.4	758.9	918.9
-42.5°	0.0	21.5	66.8	132.8	217.5	309.9	400.1	489.9	589.0	711.2	851.7
-45°	0.0	20.6	62.0	122.3	203.5	290.6	378.0	462.1	555.3	661.4	783.6
-47.5°	0.0	19.7	57.0	111.3	188.9	270.4	354.9	435.1	520.3	609.8	725.8
-50°	0.0	18.8	51.8	102.7	173.7	249.5	329.9	407.1	483.9	568.8	665.9
-52.5°	0.0	17.8	46.4	94.5	158.0	227.8	303.9	378.1	449.5	526.5	605.6
-55°	0.0	16.7	40.8	86.2	141.7	207.2	277.0	348.0	415.3	482.8	557.1
-57.5°	0.0	15.7	35.0	77.5	124.9	186.2	249.3	315.8	380.1	442.1	507.3
-60°	0.0	14.6	29.2	68.6	108.0	164.7	221.2	282.6	343.7	401.6	458.3
-62.5°	0.0	13.5	26.9	59.5	95.9	142.6	194.8	248.7	305.0	360.1	412.4
-65°	0.0	12.3	24.7	50.2	83.5	120.1	167.8	215.0	265.5	316.2	365.5
-67.5°	0.0	11.2	22.3	40.7	70.8	100.7	140.2	183.0	225.3	271.1	316.2
-70°	0.0	10.0	20.0	31.1	57.9	84.6	112.2	150.4	188.0	225.3	265.5
-72.5°	0.0	8.8	17.5	26.3	44.9	68.3	91.6	117.3	150.4	183.0	215.0
-75°	0.0	7.6	15.1	22.6	31.6	51.8	71.8	91.6	112.2	140.2	167.8
-77.5°	0.0	6.3	12.6	18.9	25.2	35.1	51.8	68.3	84.6	100.7	120.1
-80°	0.0	5.1	10.1	15.2	20.2	25.2	31.6	44.9	57.9	70.8	83.5
-82.5°	0.0	3.8	7.6	11.4	15.2	18.9	22.6	26.3	31.1	40.7	50.2
-85°	0.0	2.5	5.1	7.6	10.1	12.6	15.1	17.5	20.0	22.3	24.7
-87.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	8.8	10.0	11.2	12.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	13.5	14.6	15.7	16.7	17.8	18.8	19.7	20.6	21.5	22.4	23.2
85°	26.9	29.2	35.0	40.8	46.4	51.8	57.0	62.0	66.8	71.4	75.7
82.5°	59.5	68.6	77.5	86.2	94.5	102.7	111.3	122.3	132.8	142.7	152.2
80°	95.9	108.0	124.9	141.7	158.0	173.7	188.9	203.5	217.5	231.5	245.5
77.5°	142.6	164.7	186.2	207.2	227.8	249.5	270.4	290.6	309.9	328.3	345.8
75°	194.8	221.2	249.3	277.0	303.9	329.9	354.9	378.0	400.1	421.2	441.3
72.5°	248.7	282.6	315.8	348.0	378.1	407.1	435.1	462.1	489.9	518.0	544.7
70°	305.0	343.7	380.1	415.3	449.5	483.9	520.3	555.3	589.0	624.4	664.6
67.5°	360.1	401.6	442.1	482.8	526.5	568.8	609.8	661.4	711.2	758.9	807.6
65°	412.4	458.3	507.3	557.1	605.6	665.9	725.8	783.6	851.7	918.9	983.1
62.5°	463.7	519.7	575.7	636.6	706.7	774.7	853.7	934.2	1011.8	1099.1	1184.1
60°	519.7	581.9	653.0	731.3	811.9	905.9	997.0	1098.0	1199.7	1298.0	1418.6
57.5°	575.7	653.0	739.5	832.9	937.5	1043.0	1161.6	1276.3	1413.9	1551.3	1688.1
55°	636.6	731.3	832.9	948.0	1068.5	1200.0	1337.5	1497.7	1652.8	1825.5	1991.0
52.5°	706.7	811.9	937.5	1068.5	1212.9	1371.1	1548.4	1731.9	1925.1	2112.7	2296.6
50°	774.7	905.9	1043.0	1200.0	1371.1	1565.4	1771.7	1985.4	2196.3	2402.0	2594.7
47.5°	853.7	997.0	1161.6	1337.5	1548.4	1771.7	2005.6	2238.4	2465.8	2676.9	2879.1
45°	934.2	1098.0	1276.3	1497.7	1731.9	1985.4	2238.4	2487.2	2718.3	2936.4	3127.2
42.5°	1011.8	1199.7	1413.9	1652.8	1925.1	2196.3	2465.8	2718.3	2955.1	3165.1	3356.8
40°	1099.1	1298.0	1551.3	1825.5	2112.7	2402.0	2676.9	2936.4	3165.1	3374.2	3568.4
37.5°	1184.1	1418.6	1688.1	1991.0	2296.6	2594.7	2879.1	3127.2	3356.8	3568.4	3754.5
35°	1264.8	1533.3	1833.4	2151.3	2472.2	2775.3	3052.0	3304.7	3532.8	3738.1	3928.4
32.5°	1354.5	1641.7	1970.9	2305.4	2632.2	2940.8	3215.1	3462.3	3689.1	3897.6	4086.6
30°	1447.1	1758.6	2101.4	2450.5	2782.5	3084.3	3358.2	3608.5	3833.5	4039.4	4224.6
27.5°	1533.3	1868.9	2225.9	2581.8	2919.8	3218.9	3489.1	3735.6	3961.8	4169.1	4348.6
25°	1612.9	1970.9	2341.2	2702.0	3035.3	3335.2	3607.9	3854.1	4079.0	4277.9	4452.5
22.5°	1691.5	2064.3	2446.8	2812.3	3141.5	3439.1	3709.3	3956.2	4181.2	4378.3	4545.8
20°	1768.0	2151.3	2539.9	2910.1	3237.8	3533.6	3801.7	4048.0	4267.1	4457.9	4624.7
17.5°	1836.0	2228.9	2621.5	2989.0	3317.1	3614.2	3883.4	4130.6	4344.4	4529.8	4692.8
15°	1895.4	2296.6	2692.8	3058.2	3385.2	3681.2	3950.4	4194.8	4407.2	4591.1	4752.9
12.5°	1946.0	2354.4	2753.6	3117.2	3443.5	3738.5	4007.7	4248.8	4457.6	4639.1	4797.5
10°	1987.6	2402.0	2803.7	3165.9	3491.5	3785.8	4055.2	4293.5	4499.4	4679.0	4834.6
7.5°	2020.2	2439.2	2842.9	3203.9	3529.2	3822.9	4092.4	4328.6	4532.3	4710.5	4863.9
5°	2043.5	2465.8	2871.0	3231.3	3556.2	3849.6	4119.2	4353.9	4556.0	4733.1	4885.0
2.5°	2057.5	2481.8	2888.0	3247.7	3572.5	3865.6	4135.3	4369.1	4570.3	4746.8	4897.8
0°	2062.2	2487.2	2893.6	3253.2	3577.9	3871.0	4140.7	4374.2	4575.1	4751.4	4902.1
-2.5°	2057.5	2481.8	2888.0	3247.7	3572.5	3865.6	4135.3	4369.1	4570.3	4746.8	4897.8
-5°	2043.5	2465.8	2871.0	3231.3	3556.2	3849.6	4119.2	4353.9	4556.0	4733.1	4885.0
-7.5°	2020.2	2439.2	2842.9	3203.9	3529.2	3822.9	4092.4	4328.6	4532.3	4710.5	4863.9
-10°	1987.6	2402.0	2803.7	3165.9	3491.5	3785.8	4055.2	4293.5	4499.4	4679.0	4834.6
-12.5°	1946.0	2354.4	2753.6	3117.2	3443.5	3738.5	4007.7	4248.8	4457.6	4639.1	4797.5
-15°	1895.4	2296.6	2692.8	3058.2	3385.2	3681.2	3950.4	4194.8	4407.2	4591.1	4752.9
-17.5°	1836.0	2228.9	2621.5	2989.0	3317.1	3614.2	3883.4	4130.6	4344.4	4529.8	4692.8
-20°	1768.0	2151.3	2539.9	2910.1	3237.8	3533.6	3801.7	4048.0	4267.1	4457.9	4624.7



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	1691.5	2064.3	2446.8	2812.3	3141.5	3439.1	3709.3	3956.2	4181.2	4378.3	4545.8
-25°	1612.9	1970.9	2341.2	2702.0	3035.3	3335.2	3607.9	3854.1	4079.0	4277.9	4452.5
-27.5°	1533.3	1868.9	2225.9	2581.8	2919.8	3218.9	3489.1	3735.6	3961.8	4169.1	4348.6
-30°	1447.1	1758.6	2101.4	2450.5	2782.5	3084.3	3358.2	3608.5	3833.5	4039.4	4224.6
-32.5°	1354.5	1641.7	1970.9	2305.4	2632.2	2940.8	3215.1	3462.3	3689.1	3897.6	4086.6
-35°	1264.8	1533.3	1833.4	2151.3	2472.2	2775.3	3052.0	3304.7	3532.8	3738.1	3928.4
-37.5°	1184.1	1418.6	1688.1	1991.0	2296.6	2594.7	2879.1	3127.2	3356.8	3568.4	3754.5
-40°	1099.1	1298.0	1551.3	1825.5	2112.7	2402.0	2676.9	2936.4	3165.1	3374.2	3568.4
-42.5°	1011.8	1199.7	1413.9	1652.8	1925.1	2196.3	2465.8	2718.3	2955.1	3165.1	3356.8
-45°	934.2	1098.0	1276.3	1497.7	1731.9	1985.4	2238.4	2487.2	2718.3	2936.4	3127.2
-47.5°	853.7	997.0	1161.6	1337.5	1548.4	1771.7	2005.6	2238.4	2465.8	2676.9	2879.1
-50°	774.7	905.9	1043.0	1200.0	1371.1	1565.4	1771.7	1985.4	2196.3	2402.0	2594.7
-52.5°	706.7	811.9	937.5	1068.5	1212.9	1371.1	1548.4	1731.9	1925.1	2112.7	2296.6
-55°	636.6	731.3	832.9	948.0	1068.5	1200.0	1337.5	1497.7	1652.8	1825.5	1991.0
-57.5°	575.7	653.0	739.5	832.9	937.5	1043.0	1161.6	1276.3	1413.9	1551.3	1688.1
-60°	519.7	581.9	653.0	731.3	811.9	905.9	997.0	1098.0	1199.7	1298.0	1418.6
-62.5°	463.7	519.7	575.7	636.6	706.7	774.7	853.7	934.2	1011.8	1099.1	1184.1
-65°	412.4	458.3	507.3	557.1	605.6	665.9	725.8	783.6	851.7	918.9	983.1
-67.5°	360.1	401.6	442.1	482.8	526.5	568.8	609.8	661.4	711.2	758.9	807.6
-70°	305.0	343.7	380.1	415.3	449.5	483.9	520.3	555.3	589.0	624.4	664.6
-72.5°	248.7	282.6	315.8	348.0	378.1	407.1	435.1	462.1	489.9	518.0	544.7
-75°	194.8	221.2	249.3	277.0	303.9	329.9	354.9	378.0	400.1	421.2	441.3
-77.5°	142.6	164.7	186.2	207.2	227.8	249.5	270.4	290.6	309.9	328.3	345.8
-80°	95.9	108.0	124.9	141.7	158.0	173.7	188.9	203.5	217.5	231.5	245.5
-82.5°	59.5	68.6	77.5	86.2	94.5	102.7	111.3	122.3	132.8	142.7	152.2
-85°	26.9	29.2	35.0	40.8	46.4	51.8	57.0	62.0	66.8	71.4	75.7
-87.5°	13.5	14.6	15.7	16.7	17.8	18.8	19.7	20.6	21.5	22.4	23.2
-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: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	23.9	24.6	25.3	25.9	26.5	27.0	27.4	27.8	28.2	28.5	28.8
85°	79.8	83.7	87.3	90.6	93.7	96.5	99.0	101.2	103.2	104.8	106.2
82.5°	161.2	169.6	177.5	184.8	191.5	197.7	203.2	208.1	212.3	215.9	218.9
80°	258.7	271.1	282.7	293.5	303.4	312.4	320.5	327.7	334.0	339.3	343.7
77.5°	361.8	376.7	390.5	403.4	415.2	426.0	435.8	444.4	451.9	458.3	463.5
75°	460.3	478.9	497.8	515.5	531.7	546.5	559.8	571.6	581.9	590.7	597.9
72.5°	569.9	593.7	617.6	644.7	669.7	692.5	713.1	731.3	747.2	760.7	771.8
70°	702.7	738.5	772.1	806.4	842.8	876.0	905.9	932.5	955.7	975.4	991.6
67.5°	862.1	913.4	961.5	1006.2	1052.8	1098.0	1138.7	1174.9	1206.5	1233.4	1255.5
65°	1048.5	1117.3	1181.8	1241.9	1298.0	1363.5	1422.7	1475.3	1521.2	1560.3	1592.5
62.5°	1264.8	1354.5	1447.1	1533.3	1612.9	1691.5	1768.0	1836.0	1895.4	1946.0	1987.6
60°	1533.3	1641.7	1758.6	1868.9	1970.9	2064.3	2151.3	2228.9	2296.6	2354.4	2402.0
57.5°	1833.4	1970.9	2101.4	2225.9	2341.2	2446.8	2539.9	2621.5	2692.8	2753.6	2803.7
55°	2151.3	2305.4	2450.5	2581.8	2702.0	2812.3	2910.1	2989.0	3058.2	3117.2	3165.9
52.5°	2472.2	2632.2	2782.5	2919.8	3035.3	3141.5	3237.8	3317.1	3385.2	3443.5	3491.5
50°	2775.3	2940.8	3084.3	3218.9	3335.2	3439.1	3533.6	3614.2	3681.2	3738.5	3785.8
47.5°	3052.0	3215.1	3358.2	3489.1	3607.9	3709.3	3801.7	3883.4	3950.4	4007.7	4055.2
45°	3304.7	3462.3	3608.5	3735.6	3854.1	3956.2	4048.0	4130.6	4194.8	4248.8	4293.5
42.5°	3532.8	3689.1	3833.5	3961.8	4079.0	4181.2	4267.1	4344.4	4407.2	4457.6	4499.4
40°	3738.1	3897.6	4039.4	4169.1	4277.9	4378.3	4457.9	4529.8	4591.1	4639.1	4679.0
37.5°	3928.4	4086.6	4224.6	4348.6	4452.5	4545.8	4624.7	4692.8	4752.9	4797.5	4834.6
35°	4102.4	4252.7	4389.2	4502.9	4605.9	4693.8	4771.4	4834.2	4890.1	4932.6	4966.4
32.5°	4252.7	4401.6	4528.5	4640.4	4740.9	4822.9	4897.4	4955.0	5005.7	5046.5	5078.0
30°	4389.2	4528.5	4652.0	4762.9	4854.5	4934.4	5001.4	5057.6	5104.4	5143.4	5171.0
27.5°	4502.9	4640.4	4762.9	4865.1	4952.8	5029.7	5091.0	5145.1	5186.0	5221.8	5245.6
25°	4605.9	4740.9	4854.5	4952.8	5037.8	5108.0	5166.4	5215.4	5251.7	5282.4	5300.1
22.5°	4693.8	4822.9	4934.4	5029.7	5108.0	5173.6	5228.7	5270.1	5299.8	5318.4	5328.9
20°	4771.4	4897.4	5001.4	5091.0	5166.4	5228.7	5276.4	5307.1	5327.8	5332.9	5335.9
17.5°	4834.2	4955.0	5057.6	5145.1	5215.4	5270.1	5307.1	5328.8	5334.9	5333.8	5330.8
15°	4890.1	5005.7	5104.4	5186.0	5251.7	5299.8	5327.8	5334.9	5333.1	5326.9	5317.3
12.5°	4932.6	5046.5	5143.4	5221.8	5282.4	5318.4	5332.9	5333.8	5326.9	5315.0	5301.3
10°	4966.4	5078.0	5171.0	5245.6	5300.1	5328.9	5335.9	5330.8	5317.3	5301.3	5286.1
7.5°	4993.2	5102.9	5193.0	5264.6	5311.7	5332.1	5333.6	5324.0	5307.8	5289.6	5273.3
5°	5012.6	5121.0	5209.0	5278.4	5320.2	5334.5	5332.0	5318.7	5299.9	5280.9	5265.9
2.5°	5024.3	5131.9	5218.7	5286.9	5325.4	5335.9	5330.9	5315.4	5294.9	5275.3	5261.1
0°	5028.2	5135.6	5222.0	5289.7	5327.1	5336.4	5330.6	5314.3	5293.2	5273.4	5259.4
-2.5°	5024.3	5131.9	5218.7	5286.9	5325.4	5335.9	5330.9	5315.4	5294.9	5275.3	5261.1
-5°	5012.6	5121.0	5209.0	5278.4	5320.2	5334.5	5332.0	5318.7	5299.9	5280.9	5265.9
-7.5°	4993.2	5102.9	5193.0	5264.6	5311.7	5332.1	5333.6	5324.0	5307.8	5289.6	5273.3
-10°	4966.4	5078.0	5171.0	5245.6	5300.1	5328.9	5335.9	5330.8	5317.3	5301.3	5286.1
-12.5°	4932.6	5046.5	5143.4	5221.8	5282.4	5318.4	5332.9	5333.8	5326.9	5315.0	5301.3
-15°	4890.1	5005.7	5104.4	5186.0	5251.7	5299.8	5327.8	5334.9	5333.1	5326.9	5317.3
-17.5°	4834.2	4955.0	5057.6	5145.1	5215.4	5270.1	5307.1	5328.8	5334.9	5333.8	5330.8
-20°	4771.4	4897.4	5001.4	5091.0	5166.4	5228.7	5276.4	5307.1	5327.8	5332.9	5335.9



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4693.8	4822.9	4934.4	5029.7	5108.0	5173.6	5228.7	5270.1	5299.8	5318.4	5328.9
-25°	4605.9	4740.9	4854.5	4952.8	5037.8	5108.0	5166.4	5215.4	5251.7	5282.4	5300.1
-27.5°	4502.9	4640.4	4762.9	4865.1	4952.8	5029.7	5091.0	5145.1	5186.0	5221.8	5245.6
-30°	4389.2	4528.5	4652.0	4762.9	4854.5	4934.4	5001.4	5057.6	5104.4	5143.4	5171.0
-32.5°	4252.7	4401.6	4528.5	4640.4	4740.9	4822.9	4897.4	4955.0	5005.7	5046.5	5078.0
-35°	4102.4	4252.7	4389.2	4502.9	4605.9	4693.8	4771.4	4834.2	4890.1	4932.6	4966.4
-37.5°	3928.4	4086.6	4224.6	4348.6	4452.5	4545.8	4624.7	4692.8	4752.9	4797.5	4834.6
-40°	3738.1	3897.6	4039.4	4169.1	4277.9	4378.3	4457.9	4529.8	4591.1	4639.1	4679.0
-42.5°	3532.8	3689.1	3833.5	3961.8	4079.0	4181.2	4267.1	4344.4	4407.2	4457.6	4499.4
-45°	3304.7	3462.3	3608.5	3735.6	3854.1	3956.2	4048.0	4130.6	4194.8	4248.8	4293.5
-47.5°	3052.0	3215.1	3358.2	3489.1	3607.9	3709.3	3801.7	3883.4	3950.4	4007.7	4055.2
-50°	2775.3	2940.8	3084.3	3218.9	3335.2	3439.1	3533.6	3614.2	3681.2	3738.5	3785.8
-52.5°	2472.2	2632.2	2782.5	2919.8	3035.3	3141.5	3237.8	3317.1	3385.2	3443.5	3491.5
-55°	2151.3	2305.4	2450.5	2581.8	2702.0	2812.3	2910.1	2989.0	3058.2	3117.2	3165.9
-57.5°	1833.4	1970.9	2101.4	2225.9	2341.2	2446.8	2539.9	2621.5	2692.8	2753.6	2803.7
-60°	1533.3	1641.7	1758.6	1868.9	1970.9	2064.3	2151.3	2228.9	2296.6	2354.4	2402.0
-62.5°	1264.8	1354.5	1447.1	1533.3	1612.9	1691.5	1768.0	1836.0	1895.4	1946.0	1987.6
-65°	1048.5	1117.3	1181.8	1241.9	1298.0	1363.5	1422.7	1475.3	1521.2	1560.3	1592.5
-67.5°	862.1	913.4	961.5	1006.2	1052.8	1098.0	1138.7	1174.9	1206.5	1233.4	1255.5
-70°	702.7	738.5	772.1	806.4	842.8	876.0	905.9	932.5	955.7	975.4	991.6
-72.5°	569.9	593.7	617.6	644.7	669.7	692.5	713.1	731.3	747.2	760.7	771.8
-75°	460.3	478.9	497.8	515.5	531.7	546.5	559.8	571.6	581.9	590.7	597.9
-77.5°	361.8	376.7	390.5	403.4	415.2	426.0	435.8	444.4	451.9	458.3	463.5
-80°	258.7	271.1	282.7	293.5	303.4	312.4	320.5	327.7	334.0	339.3	343.7
-82.5°	161.2	169.6	177.5	184.8	191.5	197.7	203.2	208.1	212.3	215.9	218.9
-85°	79.8	83.7	87.3	90.6	93.7	96.5	99.0	101.2	103.2	104.8	106.2
-87.5°	23.9	24.6	25.3	25.9	26.5	27.0	27.4	27.8	28.2	28.5	28.8
-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: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	29.0	29.1	29.2	29.2	29.2	29.1	29.0	28.8	28.5	28.2	27.8
85°	107.2	108.0	108.4	108.6	108.4	108.0	107.2	106.2	104.8	103.2	101.2
82.5°	221.2	222.9	223.9	224.2	223.9	222.9	221.2	218.9	215.9	212.3	208.1
80°	347.1	349.5	351.0	351.5	351.0	349.5	347.1	343.7	339.3	334.0	327.7
77.5°	467.6	470.6	472.3	472.9	472.3	470.6	467.6	463.5	458.3	451.9	444.4
75°	603.5	607.5	609.9	610.7	609.9	607.5	603.5	597.9	590.7	581.9	571.6
72.5°	780.5	786.7	790.5	791.7	790.5	786.7	780.5	771.8	760.7	747.2	731.3
70°	1004.3	1013.3	1018.8	1020.6	1018.8	1013.3	1004.3	991.6	975.4	955.7	932.5
67.5°	1272.7	1285.1	1292.5	1295.0	1292.5	1285.1	1272.7	1255.5	1233.4	1206.5	1174.9
65°	1617.6	1635.6	1646.4	1650.0	1646.4	1635.6	1617.6	1592.5	1560.3	1521.2	1475.3
62.5°	2020.2	2043.5	2057.5	2062.2	2057.5	2043.5	2020.2	1987.6	1946.0	1895.4	1836.0
60°	2439.2	2465.8	2481.8	2487.2	2481.8	2465.8	2439.2	2402.0	2354.4	2296.6	2228.9
57.5°	2842.9	2871.0	2888.0	2893.6	2888.0	2871.0	2842.9	2803.7	2753.6	2692.8	2621.5
55°	3203.9	3231.3	3247.7	3253.2	3247.7	3231.3	3203.9	3165.9	3117.2	3058.2	2989.0
52.5°	3529.2	3556.2	3572.5	3577.9	3572.5	3556.2	3529.2	3491.5	3443.5	3385.2	3317.1
50°	3822.9	3849.6	3865.6	3871.0	3865.6	3849.6	3822.9	3785.8	3738.5	3681.2	3614.2
47.5°	4092.4	4119.2	4135.3	4140.7	4135.3	4119.2	4092.4	4055.2	4007.7	3950.4	3883.4
45°	4328.6	4353.9	4369.1	4374.2	4369.1	4353.9	4328.6	4293.5	4248.8	4194.8	4130.6
42.5°	4532.3	4556.0	4570.3	4575.1	4570.3	4556.0	4532.3	4499.4	4457.6	4407.2	4344.4
40°	4710.5	4733.1	4746.8	4751.4	4746.8	4733.1	4710.5	4679.0	4639.1	4591.1	4529.8
37.5°	4863.9	4885.0	4897.8	4902.1	4897.8	4885.0	4863.9	4834.6	4797.5	4752.9	4692.8
35°	4993.2	5012.6	5024.3	5028.2	5024.3	5012.6	4993.2	4966.4	4932.6	4890.1	4834.2
32.5°	5102.9	5121.0	5131.9	5135.6	5131.9	5121.0	5102.9	5078.0	5046.5	5005.7	4955.0
30°	5193.0	5209.0	5218.7	5222.0	5218.7	5209.0	5193.0	5171.0	5143.4	5104.4	5057.6
27.5°	5264.6	5278.4	5286.9	5289.7	5286.9	5278.4	5264.6	5245.6	5221.8	5186.0	5145.1
25°	5311.7	5320.2	5325.4	5327.1	5325.4	5320.2	5311.7	5300.1	5282.4	5251.7	5215.4
22.5°	5332.1	5334.5	5335.9	5336.4	5335.9	5334.5	5332.1	5328.9	5318.4	5299.8	5270.1
20°	5333.6	5332.0	5330.9	5330.6	5330.9	5332.0	5333.6	5335.9	5332.9	5327.8	5307.1
17.5°	5324.0	5318.7	5315.4	5314.3	5315.4	5318.7	5324.0	5330.8	5333.8	5334.9	5328.8
15°	5307.8	5299.9	5294.9	5293.2	5294.9	5299.9	5307.8	5317.3	5326.9	5333.1	5334.9
12.5°	5289.6	5280.9	5275.3	5273.4	5275.3	5280.9	5289.6	5301.3	5315.0	5326.9	5333.8
10°	5273.3	5265.9	5261.1	5259.4	5261.1	5265.9	5273.3	5286.1	5301.3	5317.3	5330.8
7.5°	5262.7	5256.1	5252.5	5251.2	5252.5	5256.1	5262.7	5273.3	5289.6	5307.8	5324.0
5°	5256.1	5249.6	5244.1	5241.9	5244.1	5249.6	5256.1	5265.9	5280.9	5299.9	5318.7
2.5°	5252.5	5244.1	5235.7	5231.3	5235.7	5244.1	5252.5	5261.1	5275.3	5294.9	5315.4
0°	5251.2	5241.9	5231.3	5232.5	5231.3	5241.9	5251.2	5259.4	5273.4	5293.2	5314.3
-2.5°	5252.5	5244.1	5235.7	5231.3	5235.7	5244.1	5252.5	5261.1	5275.3	5294.9	5315.4
-5°	5256.1	5249.6	5244.1	5241.9	5244.1	5249.6	5256.1	5265.9	5280.9	5299.9	5318.7
-7.5°	5262.7	5256.1	5252.5	5251.2	5252.5	5256.1	5262.7	5273.3	5289.6	5307.8	5324.0
-10°	5273.3	5265.9	5261.1	5259.4	5261.1	5265.9	5273.3	5286.1	5301.3	5317.3	5330.8
-12.5°	5289.6	5280.9	5275.3	5273.4	5275.3	5280.9	5289.6	5301.3	5315.0	5326.9	5333.8
-15°	5307.8	5299.9	5294.9	5293.2	5294.9	5299.9	5307.8	5317.3	5326.9	5333.1	5334.9
-17.5°	5324.0	5318.7	5315.4	5314.3	5315.4	5318.7	5324.0	5330.8	5333.8	5334.9	5328.8
-20°	5333.6	5332.0	5330.9	5330.6	5330.9	5332.0	5333.6	5335.9	5332.9	5327.8	5307.1



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	5332.1	5334.5	5335.9	5336.4	5335.9	5334.5	5332.1	5328.9	5318.4	5299.8	5270.1
-25°	5311.7	5320.2	5325.4	5327.1	5325.4	5320.2	5311.7	5300.1	5282.4	5251.7	5215.4
-27.5°	5264.6	5278.4	5286.9	5289.7	5286.9	5278.4	5264.6	5245.6	5221.8	5186.0	5145.1
-30°	5193.0	5209.0	5218.7	5222.0	5218.7	5209.0	5193.0	5171.0	5143.4	5104.4	5057.6
-32.5°	5102.9	5121.0	5131.9	5135.6	5131.9	5121.0	5102.9	5078.0	5046.5	5005.7	4955.0
-35°	4993.2	5012.6	5024.3	5028.2	5024.3	5012.6	4993.2	4966.4	4932.6	4890.1	4834.2
-37.5°	4863.9	4885.0	4897.8	4902.1	4897.8	4885.0	4863.9	4834.6	4797.5	4752.9	4692.8
-40°	4710.5	4733.1	4746.8	4751.4	4746.8	4733.1	4710.5	4679.0	4639.1	4591.1	4529.8
-42.5°	4532.3	4556.0	4570.3	4575.1	4570.3	4556.0	4532.3	4499.4	4457.6	4407.2	4344.4
-45°	4328.6	4353.9	4369.1	4374.2	4369.1	4353.9	4328.6	4293.5	4248.8	4194.8	4130.6
-47.5°	4092.4	4119.2	4135.3	4140.7	4135.3	4119.2	4092.4	4055.2	4007.7	3950.4	3883.4
-50°	3822.9	3849.6	3865.6	3871.0	3865.6	3849.6	3822.9	3785.8	3738.5	3681.2	3614.2
-52.5°	3529.2	3556.2	3572.5	3577.9	3572.5	3556.2	3529.2	3491.5	3443.5	3385.2	3317.1
-55°	3203.9	3231.3	3247.7	3253.2	3247.7	3231.3	3203.9	3165.9	3117.2	3058.2	2989.0
-57.5°	2842.9	2871.0	2888.0	2893.6	2888.0	2871.0	2842.9	2803.7	2753.6	2692.8	2621.5
-60°	2439.2	2465.8	2481.8	2487.2	2481.8	2465.8	2439.2	2402.0	2354.4	2296.6	2228.9
-62.5°	2020.2	2043.5	2057.5	2062.2	2057.5	2043.5	2020.2	1987.6	1946.0	1895.4	1836.0
-65°	1617.6	1635.6	1646.4	1650.0	1646.4	1635.6	1617.6	1592.5	1560.3	1521.2	1475.3
-67.5°	1272.7	1285.1	1292.5	1295.0	1292.5	1285.1	1272.7	1255.5	1233.4	1206.5	1174.9
-70°	1004.3	1013.3	1018.8	1020.6	1018.8	1013.3	1004.3	991.6	975.4	955.7	932.5
-72.5°	780.5	786.7	790.5	791.7	790.5	786.7	780.5	771.8	760.7	747.2	731.3
-75°	603.5	607.5	609.9	610.7	609.9	607.5	603.5	597.9	590.7	581.9	571.6
-77.5°	467.6	470.6	472.3	472.9	472.3	470.6	467.6	463.5	458.3	451.9	444.4
-80°	347.1	349.5	351.0	351.5	351.0	349.5	347.1	343.7	339.3	334.0	327.7
-82.5°	221.2	222.9	223.9	224.2	223.9	222.9	221.2	218.9	215.9	212.3	208.1
-85°	107.2	108.0	108.4	108.6	108.4	108.0	107.2	106.2	104.8	103.2	101.2
-87.5°	29.0	29.1	29.2	29.2	29.2	29.1	29.0	28.8	28.5	28.2	27.8
-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: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	27.4	27.0	26.5	25.9	25.3	24.6	23.9	23.2	22.4	21.5	20.6
85°	99.0	96.5	93.7	90.6	87.3	83.7	79.8	75.7	71.4	66.8	62.0
82.5°	203.2	197.7	191.5	184.8	177.5	169.6	161.2	152.2	142.7	132.8	122.3
80°	320.5	312.4	303.4	293.5	282.7	271.1	258.7	245.5	231.5	217.5	203.5
77.5°	435.8	426.0	415.2	403.4	390.5	376.7	361.8	345.8	328.3	309.9	290.6
75°	559.8	546.5	531.7	515.5	497.8	478.9	460.3	441.3	421.2	400.1	378.0
72.5°	713.1	692.5	669.7	644.7	617.6	593.7	569.9	544.7	518.0	489.9	462.1
70°	905.9	876.0	842.8	806.4	772.1	738.5	702.7	664.6	624.4	589.0	555.3
67.5°	1138.7	1098.0	1052.8	1006.2	961.5	913.4	862.1	807.6	758.9	711.2	661.4
65°	1422.7	1363.5	1298.0	1241.9	1181.8	1117.3	1048.5	983.1	918.9	851.7	783.6
62.5°	1768.0	1691.5	1612.9	1533.3	1447.1	1354.5	1264.8	1184.1	1099.1	1011.8	934.2
60°	2151.3	2064.3	1970.9	1868.9	1758.6	1641.7	1533.3	1418.6	1298.0	1199.7	1098.0
57.5°	2539.9	2446.8	2341.2	2225.9	2101.4	1970.9	1833.4	1688.1	1551.3	1413.9	1276.3
55°	2910.1	2812.3	2702.0	2581.8	2450.5	2305.4	2151.3	1991.0	1825.5	1652.8	1497.7
52.5°	3237.8	3141.5	3035.3	2919.8	2782.5	2632.2	2472.2	2296.6	2112.7	1925.1	1731.9
50°	3533.6	3439.1	3335.2	3218.9	3084.3	2940.8	2775.3	2594.7	2402.0	2196.3	1985.4
47.5°	3801.7	3709.3	3607.9	3489.1	3358.2	3215.1	3052.0	2879.1	2676.9	2465.8	2238.4
45°	4048.0	3956.2	3854.1	3735.6	3608.5	3462.3	3304.7	3127.2	2936.4	2718.3	2487.2
42.5°	4267.1	4181.2	4079.0	3961.8	3833.5	3689.1	3532.8	3356.8	3165.1	2955.1	2718.3
40°	4457.9	4378.3	4277.9	4169.1	4039.4	3897.6	3738.1	3568.4	3374.2	3165.1	2936.4
37.5°	4624.7	4545.8	4452.5	4348.6	4224.6	4086.6	3928.4	3754.5	3568.4	3356.8	3127.2
35°	4771.4	4693.8	4605.9	4502.9	4389.2	4252.7	4102.4	3928.4	3738.1	3532.8	3304.7
32.5°	4897.4	4822.9	4740.9	4640.4	4528.5	4401.6	4252.7	4086.6	3897.6	3689.1	3462.3
30°	5001.4	4934.4	4854.5	4762.9	4652.0	4528.5	4389.2	4224.6	4039.4	3833.5	3608.5
27.5°	5091.0	5029.7	4952.8	4865.1	4762.9	4640.4	4502.9	4348.6	4169.1	3961.8	3735.6
25°	5166.4	5108.0	5037.8	4952.8	4854.5	4740.9	4605.9	4452.5	4277.9	4079.0	3854.1
22.5°	5228.7	5173.6	5108.0	5029.7	4934.4	4822.9	4693.8	4545.8	4378.3	4181.2	3956.2
20°	5276.4	5228.7	5166.4	5091.0	5001.4	4897.4	4771.4	4624.7	4457.9	4267.1	4048.0
17.5°	5307.1	5270.1	5215.4	5145.1	5057.6	4955.0	4834.2	4692.8	4529.8	4344.4	4130.6
15°	5327.8	5299.8	5251.7	5186.0	5104.4	5005.7	4890.1	4752.9	4591.1	4407.2	4194.8
12.5°	5332.9	5318.4	5282.4	5221.8	5143.4	5046.5	4932.6	4797.5	4639.1	4457.6	4248.8
10°	5335.9	5328.9	5300.1	5245.6	5171.0	5078.0	4966.4	4834.6	4679.0	4499.4	4293.5
7.5°	5333.6	5332.1	5311.7	5264.6	5193.0	5102.9	4993.2	4863.9	4710.5	4532.3	4328.6
5°	5332.0	5334.5	5320.2	5278.4	5209.0	5121.0	5012.6	4885.0	4733.1	4556.0	4353.9
2.5°	5330.9	5335.9	5325.4	5286.9	5218.7	5131.9	5024.3	4897.8	4746.8	4570.3	4369.1
0°	5330.6	5336.4	5327.1	5289.7	5222.0	5135.6	5028.2	4902.1	4751.4	4575.1	4374.2
-2.5°	5330.9	5335.9	5325.4	5286.9	5218.7	5131.9	5024.3	4897.8	4746.8	4570.3	4369.1
-5°	5332.0	5334.5	5320.2	5278.4	5209.0	5121.0	5012.6	4885.0	4733.1	4556.0	4353.9
-7.5°	5333.6	5332.1	5311.7	5264.6	5193.0	5102.9	4993.2	4863.9	4710.5	4532.3	4328.6
-10°	5335.9	5328.9	5300.1	5245.6	5171.0	5078.0	4966.4	4834.6	4679.0	4499.4	4293.5
-12.5°	5332.9	5318.4	5282.4	5221.8	5143.4	5046.5	4932.6	4797.5	4639.1	4457.6	4248.8
-15°	5327.8	5299.8	5251.7	5186.0	5104.4	5005.7	4890.1	4752.9	4591.1	4407.2	4194.8
-17.5°	5307.1	5270.1	5215.4	5145.1	5057.6	4955.0	4834.2	4692.8	4529.8	4344.4	4130.6
-20°	5276.4	5228.7	5166.4	5091.0	5001.4	4897.4	4771.4	4624.7	4457.9	4267.1	4048.0



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5228.7	5173.6	5108.0	5029.7	4934.4	4822.9	4693.8	4545.8	4378.3	4181.2	3956.2
-25°	5166.4	5108.0	5037.8	4952.8	4854.5	4740.9	4605.9	4452.5	4277.9	4079.0	3854.1
-27.5°	5091.0	5029.7	4952.8	4865.1	4762.9	4640.4	4502.9	4348.6	4169.1	3961.8	3735.6
-30°	5001.4	4934.4	4854.5	4762.9	4652.0	4528.5	4389.2	4224.6	4039.4	3833.5	3608.5
-32.5°	4897.4	4822.9	4740.9	4640.4	4528.5	4401.6	4252.7	4086.6	3897.6	3689.1	3462.3
-35°	4771.4	4693.8	4605.9	4502.9	4389.2	4252.7	4102.4	3928.4	3738.1	3532.8	3304.7
-37.5°	4624.7	4545.8	4452.5	4348.6	4224.6	4086.6	3928.4	3754.5	3568.4	3356.8	3127.2
-40°	4457.9	4378.3	4277.9	4169.1	4039.4	3897.6	3738.1	3568.4	3374.2	3165.1	2936.4
-42.5°	4267.1	4181.2	4079.0	3961.8	3833.5	3689.1	3532.8	3356.8	3165.1	2955.1	2718.3
-45°	4048.0	3956.2	3854.1	3735.6	3608.5	3462.3	3304.7	3127.2	2936.4	2718.3	2487.2
-47.5°	3801.7	3709.3	3607.9	3489.1	3358.2	3215.1	3052.0	2879.1	2676.9	2465.8	2238.4
-50°	3533.6	3439.1	3335.2	3218.9	3084.3	2940.8	2775.3	2594.7	2402.0	2196.3	1985.4
-52.5°	3237.8	3141.5	3035.3	2919.8	2782.5	2632.2	2472.2	2296.6	2112.7	1925.1	1731.9
-55°	2910.1	2812.3	2702.0	2581.8	2450.5	2305.4	2151.3	1991.0	1825.5	1652.8	1497.7
-57.5°	2539.9	2446.8	2341.2	2225.9	2101.4	1970.9	1833.4	1688.1	1551.3	1413.9	1276.3
-60°	2151.3	2064.3	1970.9	1868.9	1758.6	1641.7	1533.3	1418.6	1298.0	1199.7	1098.0
-62.5°	1768.0	1691.5	1612.9	1533.3	1447.1	1354.5	1264.8	1184.1	1099.1	1011.8	934.2
-65°	1422.7	1363.5	1298.0	1241.9	1181.8	1117.3	1048.5	983.1	918.9	851.7	783.6
-67.5°	1138.7	1098.0	1052.8	1006.2	961.5	913.4	862.1	807.6	758.9	711.2	661.4
-70°	905.9	876.0	842.8	806.4	772.1	738.5	702.7	664.6	624.4	589.0	555.3
-72.5°	713.1	692.5	669.7	644.7	617.6	593.7	569.9	544.7	518.0	489.9	462.1
-75°	559.8	546.5	531.7	515.5	497.8	478.9	460.3	441.3	421.2	400.1	378.0
-77.5°	435.8	426.0	415.2	403.4	390.5	376.7	361.8	345.8	328.3	309.9	290.6
-80°	320.5	312.4	303.4	293.5	282.7	271.1	258.7	245.5	231.5	217.5	203.5
-82.5°	203.2	197.7	191.5	184.8	177.5	169.6	161.2	152.2	142.7	132.8	122.3
-85°	99.0	96.5	93.7	90.6	87.3	83.7	79.8	75.7	71.4	66.8	62.0
-87.5°	27.4	27.0	26.5	25.9	25.3	24.6	23.9	23.2	22.4	21.5	20.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-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°	19.7	18.8	17.8	16.7	15.7	14.6	13.5	12.3	11.2	10.0	8.8
85°	57.0	51.8	46.4	40.8	35.0	29.2	26.9	24.7	22.3	20.0	17.5
82.5°	111.3	102.7	94.5	86.2	77.5	68.6	59.5	50.2	40.7	31.1	26.3
80°	188.9	173.7	158.0	141.7	124.9	108.0	95.9	83.5	70.8	57.9	44.9
77.5°	270.4	249.5	227.8	207.2	186.2	164.7	142.6	120.1	100.7	84.6	68.3
75°	354.9	329.9	303.9	277.0	249.3	221.2	194.8	167.8	140.2	112.2	91.6
72.5°	435.1	407.1	378.1	348.0	315.8	282.6	248.7	215.0	183.0	150.4	117.3
70°	520.3	483.9	449.5	415.3	380.1	343.7	305.0	265.5	225.3	188.0	150.4
67.5°	609.8	568.8	526.5	482.8	442.1	401.6	360.1	316.2	271.1	225.3	183.0
65°	725.8	665.9	605.6	557.1	507.3	458.3	412.4	365.5	316.2	265.5	215.0
62.5°	853.7	774.7	706.7	636.6	575.7	519.7	463.7	412.4	360.1	305.0	248.7
60°	997.0	905.9	811.9	731.3	653.0	581.9	519.7	458.3	401.6	343.7	282.6
57.5°	1161.6	1043.0	937.5	832.9	739.5	653.0	575.7	507.3	442.1	380.1	315.8
55°	1337.5	1200.0	1068.5	948.0	832.9	731.3	636.6	557.1	482.8	415.3	348.0
52.5°	1548.4	1371.1	1212.9	1068.5	937.5	811.9	706.7	605.6	526.5	449.5	378.1
50°	1771.7	1565.4	1371.1	1200.0	1043.0	905.9	774.7	665.9	568.8	483.9	407.1
47.5°	2005.6	1771.7	1548.4	1337.5	1161.6	997.0	853.7	725.8	609.8	520.3	435.1
45°	2238.4	1985.4	1731.9	1497.7	1276.3	1098.0	934.2	783.6	661.4	555.3	462.1
42.5°	2465.8	2196.3	1925.1	1652.8	1413.9	1199.7	1011.8	851.7	711.2	589.0	489.9
40°	2676.9	2402.0	2112.7	1825.5	1551.3	1298.0	1099.1	918.9	758.9	624.4	518.0
37.5°	2879.1	2594.7	2296.6	1991.0	1688.1	1418.6	1184.1	983.1	807.6	664.6	544.7
35°	3052.0	2775.3	2472.2	2151.3	1833.4	1533.3	1264.8	1048.5	862.1	702.7	569.9
32.5°	3215.1	2940.8	2632.2	2305.4	1970.9	1641.7	1354.5	1117.3	913.4	738.5	593.7
30°	3358.2	3084.3	2782.5	2450.5	2101.4	1758.6	1447.1	1181.8	961.5	772.1	617.6
27.5°	3489.1	3218.9	2919.8	2581.8	2225.9	1868.9	1533.3	1241.9	1006.2	806.4	644.7
25°	3607.9	3335.2	3035.3	2702.0	2341.2	1970.9	1612.9	1298.0	1052.8	842.8	669.7
22.5°	3709.3	3439.1	3141.5	2812.3	2446.8	2064.3	1691.5	1363.5	1098.0	876.0	692.5
20°	3801.7	3533.6	3237.8	2910.1	2539.9	2151.3	1768.0	1422.7	1138.7	905.9	713.1
17.5°	3883.4	3614.2	3317.1	2989.0	2621.5	2228.9	1836.0	1475.3	1174.9	932.5	731.3
15°	3950.4	3681.2	3385.2	3058.2	2692.8	2296.6	1895.4	1521.2	1206.5	955.7	747.2
12.5°	4007.7	3738.5	3443.5	3117.2	2753.6	2354.4	1946.0	1560.3	1233.4	975.4	760.7
10°	4055.2	3785.8	3491.5	3165.9	2803.7	2402.0	1987.6	1592.5	1255.5	991.6	771.8
7.5°	4092.4	3822.9	3529.2	3203.9	2842.9	2439.2	2020.2	1617.6	1272.7	1004.3	780.5
5°	4119.2	3849.6	3556.2	3231.3	2871.0	2465.8	2043.5	1635.6	1285.1	1013.3	786.7
2.5°	4135.3	3865.6	3572.5	3247.7	2888.0	2481.8	2057.5	1646.4	1292.5	1018.8	790.5
0°	4140.7	3871.0	3577.9	3253.2	2893.6	2487.2	2062.2	1650.0	1295.0	1020.6	791.7
-2.5°	4135.3	3865.6	3572.5	3247.7	2888.0	2481.8	2057.5	1646.4	1292.5	1018.8	790.5
-5°	4119.2	3849.6	3556.2	3231.3	2871.0	2465.8	2043.5	1635.6	1285.1	1013.3	786.7
-7.5°	4092.4	3822.9	3529.2	3203.9	2842.9	2439.2	2020.2	1617.6	1272.7	1004.3	780.5
-10°	4055.2	3785.8	3491.5	3165.9	2803.7	2402.0	1987.6	1592.5	1255.5	991.6	771.8
-12.5°	4007.7	3738.5	3443.5	3117.2	2753.6	2354.4	1946.0	1560.3	1233.4	975.4	760.7
-15°	3950.4	3681.2	3385.2	3058.2	2692.8	2296.6	1895.4	1521.2	1206.5	955.7	747.2
-17.5°	3883.4	3614.2	3317.1	2989.0	2621.5	2228.9	1836.0	1475.3	1174.9	932.5	731.3
-20°	3801.7	3533.6	3237.8	2910.1	2539.9	2151.3	1768.0	1422.7	1138.7	905.9	713.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-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°	3709.3	3439.1	3141.5	2812.3	2446.8	2064.3	1691.5	1363.5	1098.0	876.0	692.5
-25°	3607.9	3335.2	3035.3	2702.0	2341.2	1970.9	1612.9	1298.0	1052.8	842.8	669.7
-27.5°	3489.1	3218.9	2919.8	2581.8	2225.9	1868.9	1533.3	1241.9	1006.2	806.4	644.7
-30°	3358.2	3084.3	2782.5	2450.5	2101.4	1758.6	1447.1	1181.8	961.5	772.1	617.6
-32.5°	3215.1	2940.8	2632.2	2305.4	1970.9	1641.7	1354.5	1117.3	913.4	738.5	593.7
-35°	3052.0	2775.3	2472.2	2151.3	1833.4	1533.3	1264.8	1048.5	862.1	702.7	569.9
-37.5°	2879.1	2594.7	2296.6	1991.0	1688.1	1418.6	1184.1	983.1	807.6	664.6	544.7
-40°	2676.9	2402.0	2112.7	1825.5	1551.3	1298.0	1099.1	918.9	758.9	624.4	518.0
-42.5°	2465.8	2196.3	1925.1	1652.8	1413.9	1199.7	1011.8	851.7	711.2	589.0	489.9
-45°	2238.4	1985.4	1731.9	1497.7	1276.3	1098.0	934.2	783.6	661.4	555.3	462.1
-47.5°	2005.6	1771.7	1548.4	1337.5	1161.6	997.0	853.7	725.8	609.8	520.3	435.1
-50°	1771.7	1565.4	1371.1	1200.0	1043.0	905.9	774.7	665.9	568.8	483.9	407.1
-52.5°	1548.4	1371.1	1212.9	1068.5	937.5	811.9	706.7	605.6	526.5	449.5	378.1
-55°	1337.5	1200.0	1068.5	948.0	832.9	731.3	636.6	557.1	482.8	415.3	348.0
-57.5°	1161.6	1043.0	937.5	832.9	739.5	653.0	575.7	507.3	442.1	380.1	315.8
-60°	997.0	905.9	811.9	731.3	653.0	581.9	519.7	458.3	401.6	343.7	282.6
-62.5°	853.7	774.7	706.7	636.6	575.7	519.7	463.7	412.4	360.1	305.0	248.7
-65°	725.8	665.9	605.6	557.1	507.3	458.3	412.4	365.5	316.2	265.5	215.0
-67.5°	609.8	568.8	526.5	482.8	442.1	401.6	360.1	316.2	271.1	225.3	183.0
-70°	520.3	483.9	449.5	415.3	380.1	343.7	305.0	265.5	225.3	188.0	150.4
-72.5°	435.1	407.1	378.1	348.0	315.8	282.6	248.7	215.0	183.0	150.4	117.3
-75°	354.9	329.9	303.9	277.0	249.3	221.2	194.8	167.8	140.2	112.2	91.6
-77.5°	270.4	249.5	227.8	207.2	186.2	164.7	142.6	120.1	100.7	84.6	68.3
-80°	188.9	173.7	158.0	141.7	124.9	108.0	95.9	83.5	70.8	57.9	44.9
-82.5°	111.3	102.7	94.5	86.2	77.5	68.6	59.5	50.2	40.7	31.1	26.3
-85°	57.0	51.8	46.4	40.8	35.0	29.2	26.9	24.7	22.3	20.0	17.5
-87.5°	19.7	18.8	17.8	16.7	15.7	14.6	13.5	12.3	11.2	10.0	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-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°	7.6	6.3	5.1	3.8	2.5	1.3	0.0
85°	15.1	12.6	10.1	7.6	5.1	2.5	0.0
82.5°	22.6	18.9	15.2	11.4	7.6	3.8	0.0
80°	31.6	25.2	20.2	15.2	10.1	5.1	0.0
77.5°	51.8	35.1	25.2	18.9	12.6	6.3	0.0
75°	71.8	51.8	31.6	22.6	15.1	7.6	0.0
72.5°	91.6	68.3	44.9	26.3	17.5	8.8	0.0
70°	112.2	84.6	57.9	31.1	20.0	10.0	0.0
67.5°	140.2	100.7	70.8	40.7	22.3	11.2	0.0
65°	167.8	120.1	83.5	50.2	24.7	12.3	0.0
62.5°	194.8	142.6	95.9	59.5	26.9	13.5	0.0
60°	221.2	164.7	108.0	68.6	29.2	14.6	0.0
57.5°	249.3	186.2	124.9	77.5	35.0	15.7	0.0
55°	277.0	207.2	141.7	86.2	40.8	16.7	0.0
52.5°	303.9	227.8	158.0	94.5	46.4	17.8	0.0
50°	329.9	249.5	173.7	102.7	51.8	18.8	0.0
47.5°	354.9	270.4	188.9	111.3	57.0	19.7	0.0
45°	378.0	290.6	203.5	122.3	62.0	20.6	0.0
42.5°	400.1	309.9	217.5	132.8	66.8	21.5	0.0
40°	421.2	328.3	231.5	142.7	71.4	22.4	0.0
37.5°	441.3	345.8	245.5	152.2	75.7	23.2	0.0
35°	460.3	361.8	258.7	161.2	79.8	23.9	0.0
32.5°	478.9	376.7	271.1	169.6	83.7	24.6	0.0
30°	497.8	390.5	282.7	177.5	87.3	25.3	0.0
27.5°	515.5	403.4	293.5	184.8	90.6	25.9	0.0
25°	531.7	415.2	303.4	191.5	93.7	26.5	0.0
22.5°	546.5	426.0	312.4	197.7	96.5	27.0	0.0
20°	559.8	435.8	320.5	203.2	99.0	27.4	0.0
17.5°	571.6	444.4	327.7	208.1	101.2	27.8	0.0
15°	581.9	451.9	334.0	212.3	103.2	28.2	0.0
12.5°	590.7	458.3	339.3	215.9	104.8	28.5	0.0
10°	597.9	463.5	343.7	218.9	106.2	28.8	0.0
7.5°	603.5	467.6	347.1	221.2	107.2	29.0	0.0
5°	607.5	470.6	349.5	222.9	108.0	29.1	0.0
2.5°	609.9	472.3	351.0	223.9	108.4	29.2	0.0
0°	610.7	472.9	351.5	224.2	108.6	29.2	0.0
-2.5°	609.9	472.3	351.0	223.9	108.4	29.2	0.0
-5°	607.5	470.6	349.5	222.9	108.0	29.1	0.0
-7.5°	603.5	467.6	347.1	221.2	107.2	29.0	0.0
-10°	597.9	463.5	343.7	218.9	106.2	28.8	0.0
-12.5°	590.7	458.3	339.3	215.9	104.8	28.5	0.0
-15°	581.9	451.9	334.0	212.3	103.2	28.2	0.0
-17.5°	571.6	444.4	327.7	208.1	101.2	27.8	0.0
-20°	559.8	435.8	320.5	203.2	99.0	27.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645402 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	546.5	426.0	312.4	197.7	96.5	27.0	0.0
-25°	531.7	415.2	303.4	191.5	93.7	26.5	0.0
-27.5°	515.5	403.4	293.5	184.8	90.6	25.9	0.0
-30°	497.8	390.5	282.7	177.5	87.3	25.3	0.0
-32.5°	478.9	376.7	271.1	169.6	83.7	24.6	0.0
-35°	460.3	361.8	258.7	161.2	79.8	23.9	0.0
-37.5°	441.3	345.8	245.5	152.2	75.7	23.2	0.0
-40°	421.2	328.3	231.5	142.7	71.4	22.4	0.0
-42.5°	400.1	309.9	217.5	132.8	66.8	21.5	0.0
-45°	378.0	290.6	203.5	122.3	62.0	20.6	0.0
-47.5°	354.9	270.4	188.9	111.3	57.0	19.7	0.0
-50°	329.9	249.5	173.7	102.7	51.8	18.8	0.0
-52.5°	303.9	227.8	158.0	94.5	46.4	17.8	0.0
-55°	277.0	207.2	141.7	86.2	40.8	16.7	0.0
-57.5°	249.3	186.2	124.9	77.5	35.0	15.7	0.0
-60°	221.2	164.7	108.0	68.6	29.2	14.6	0.0
-62.5°	194.8	142.6	95.9	59.5	26.9	13.5	0.0
-65°	167.8	120.1	83.5	50.2	24.7	12.3	0.0
-67.5°	140.2	100.7	70.8	40.7	22.3	11.2	0.0
-70°	112.2	84.6	57.9	31.1	20.0	10.0	0.0
-72.5°	91.6	68.3	44.9	26.3	17.5	8.8	0.0
-75°	71.8	51.8	31.6	22.6	15.1	7.6	0.0
-77.5°	51.8	35.1	25.2	18.9	12.6	6.3	0.0
-80°	31.6	25.2	20.2	15.2	10.1	5.1	0.0
-82.5°	22.6	18.9	15.2	11.4	7.6	3.8	0.0
-85°	15.1	12.6	10.1	7.6	5.1	2.5	0.0
-87.5°	7.6	6.3	5.1	3.8	2.5	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)