

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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645390 (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-SA2D-750-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

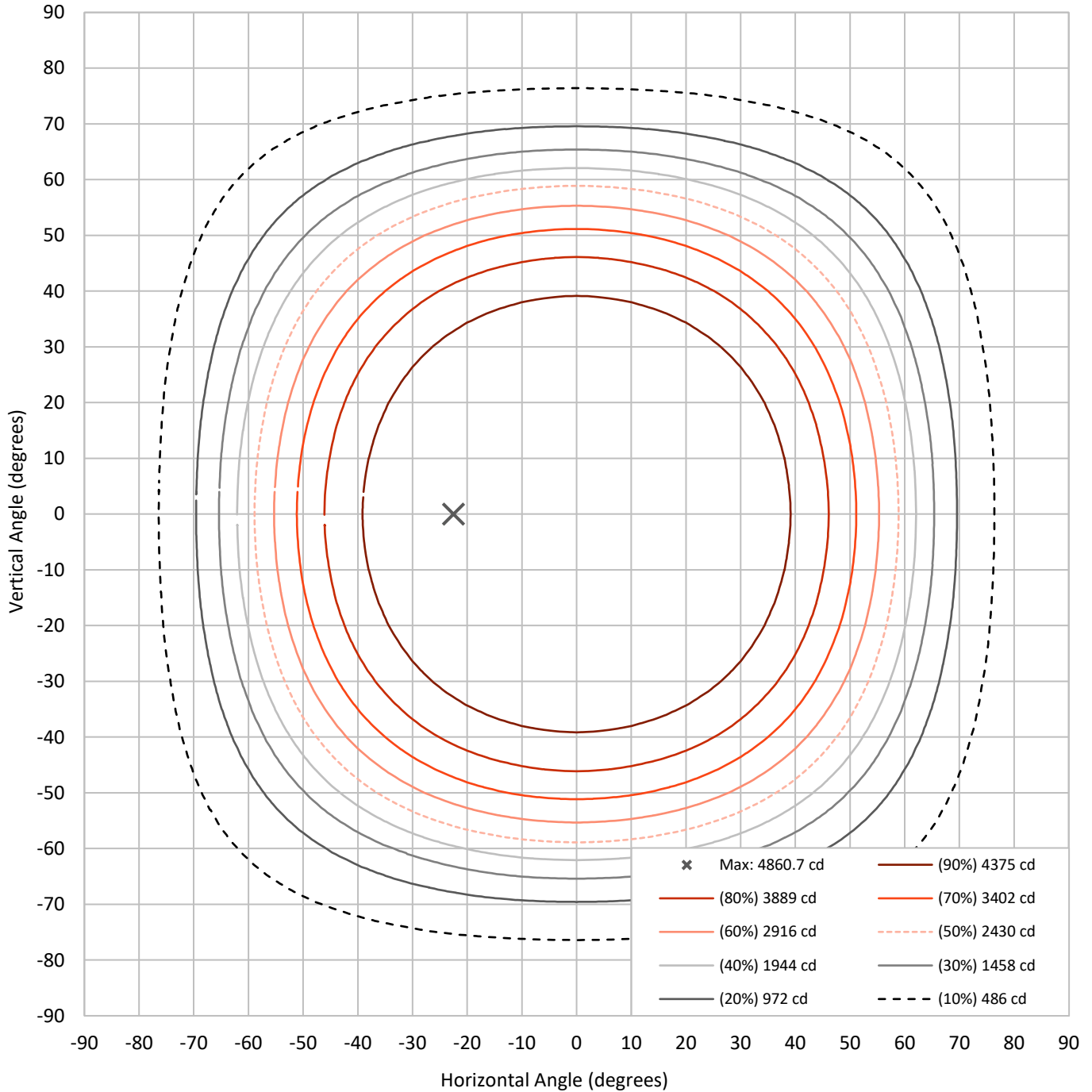
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14869.2 lumens	Max Intensity:	4860.7 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	136.8 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:	12374.5 lumens	Field Lumens:	14576.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-750-U-LAM-XX

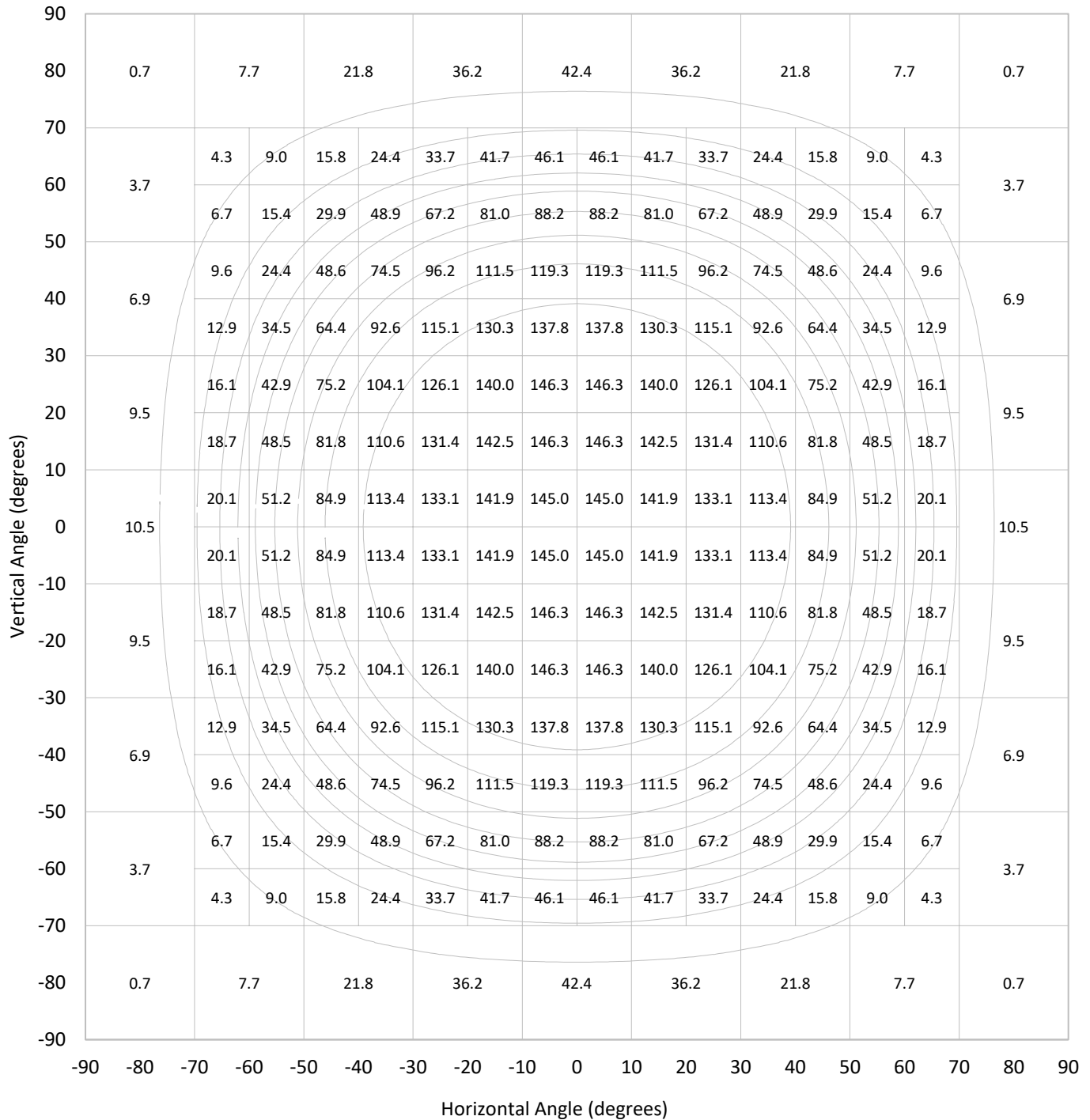
Iso-Candela Plot





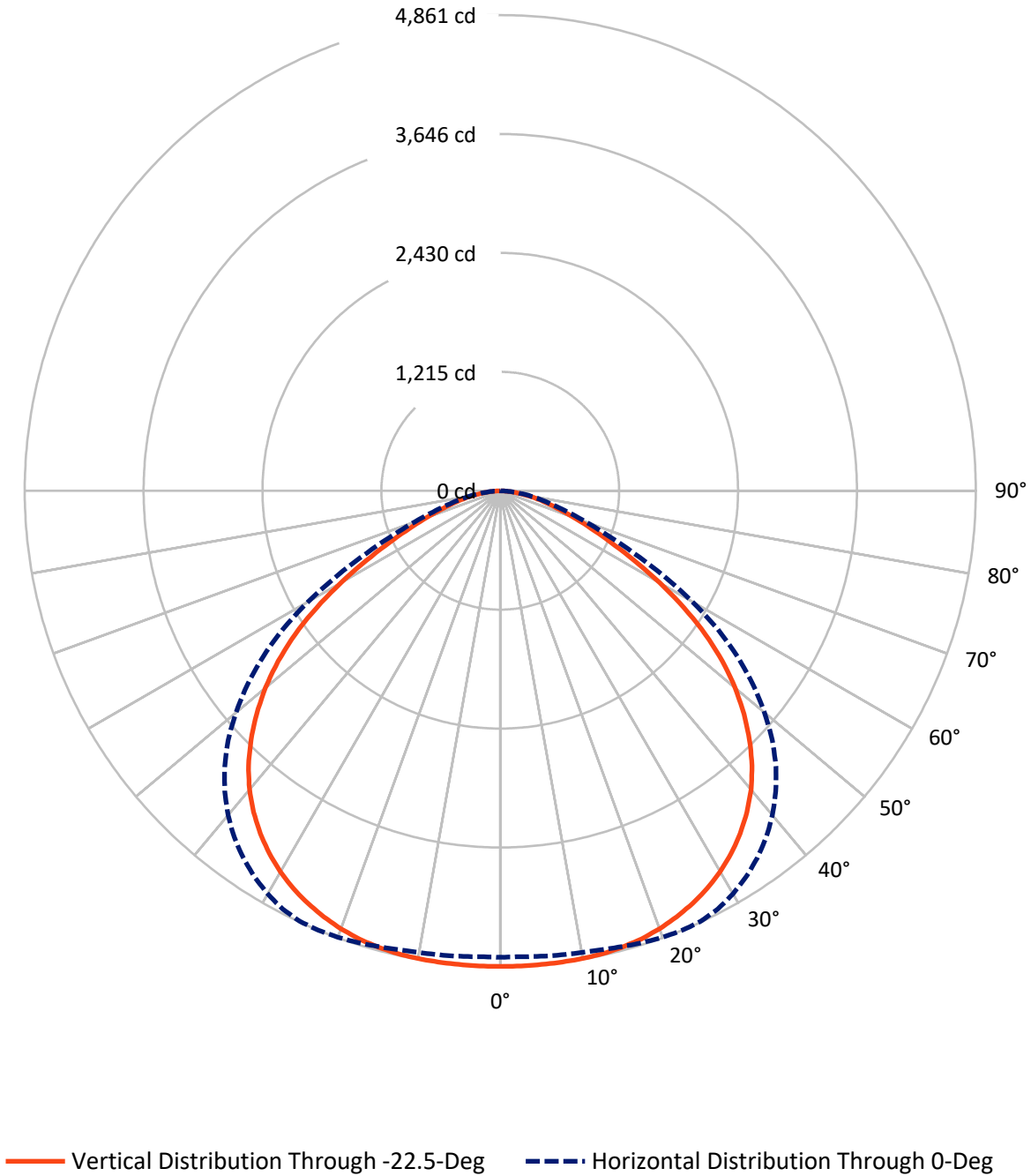
REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-XX

Lumen Table



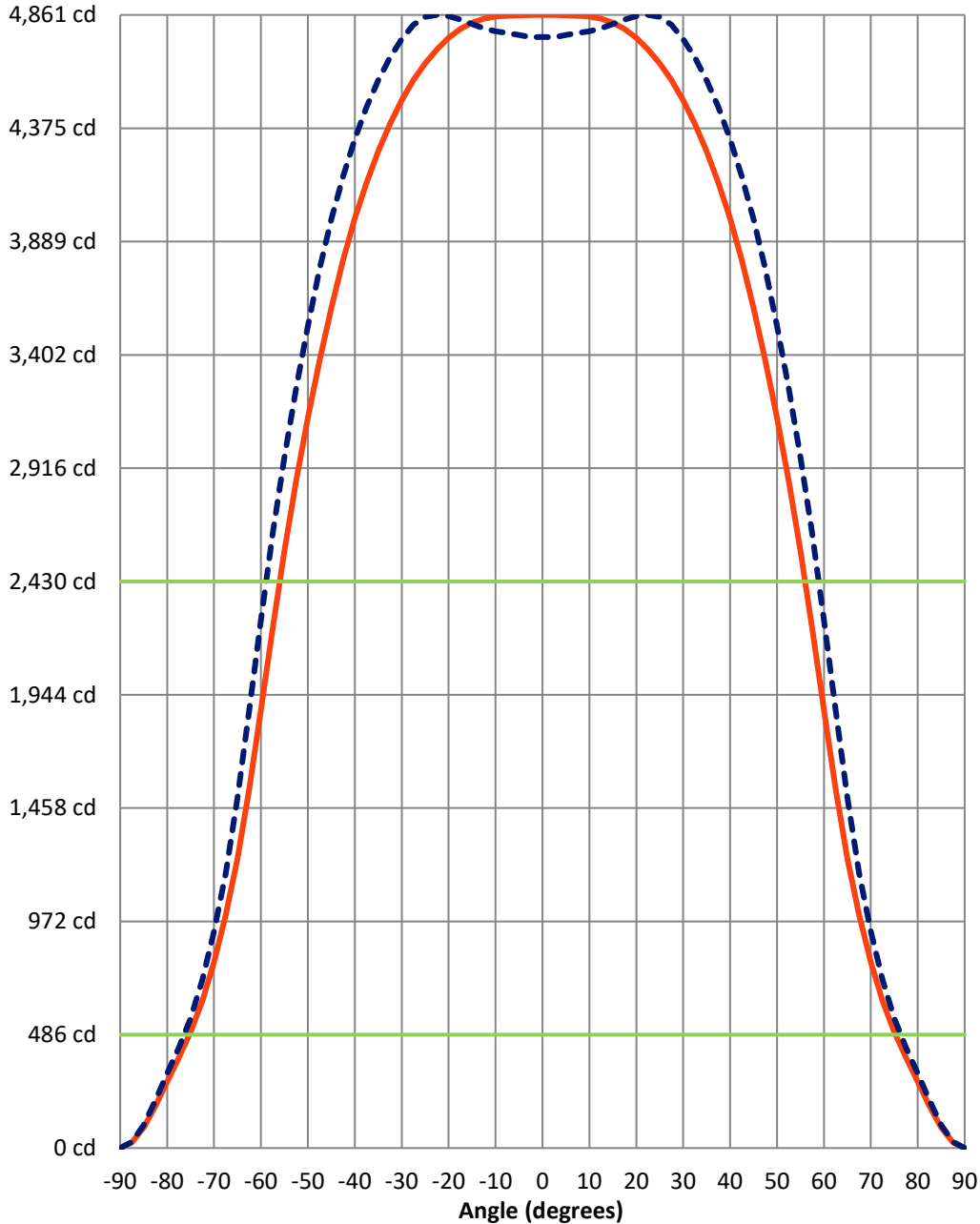
REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-750-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 12374.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 14576.8
 Efficiency: 98.0%

Spill:
 Lumens: 292.4
 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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
85°	0.0	2.3	4.6	6.9	9.2	11.5	13.8	16.0	18.2	20.3	22.5
82.5°	0.0	3.5	6.9	10.4	13.8	17.2	20.6	23.9	28.3	37.1	45.8
80°	0.0	4.6	9.2	13.8	18.4	22.9	28.8	40.9	52.8	64.5	76.0
77.5°	0.0	5.8	11.5	17.2	22.9	32.0	47.2	62.2	77.1	91.7	109.4
75°	0.0	6.9	13.8	20.6	28.8	47.2	65.4	83.4	102.2	127.7	152.8
72.5°	0.0	8.0	16.0	23.9	40.9	62.2	83.4	106.8	136.9	166.6	195.8
70°	0.0	9.1	18.2	28.3	52.8	77.1	102.2	136.9	171.3	205.2	241.8
67.5°	0.0	10.2	20.3	37.1	64.5	91.7	127.7	166.6	205.2	246.9	288.0
65°	0.0	11.2	22.5	45.8	76.0	109.4	152.8	195.8	241.8	288.0	332.9
62.5°	0.0	12.3	24.5	54.2	87.3	129.9	177.4	226.5	277.8	328.0	375.6
60°	0.0	13.3	26.6	62.5	98.3	150.0	201.5	257.4	313.0	365.8	417.5
57.5°	0.0	14.3	31.9	70.6	113.8	169.6	227.1	287.6	346.2	402.7	462.2
55°	0.0	15.3	37.2	78.5	129.1	188.7	252.3	316.9	378.3	439.8	507.5
52.5°	0.0	16.2	42.3	86.1	143.9	207.5	276.8	344.4	409.4	479.6	551.7
50°	0.0	17.1	47.2	93.5	158.2	227.3	300.5	370.8	440.8	518.1	606.6
47.5°	0.0	18.0	51.9	101.4	172.1	246.3	323.2	396.3	474.0	555.5	661.1
45°	0.0	18.8	56.5	111.4	185.4	264.6	344.2	420.9	505.9	602.4	713.7
42.5°	0.0	19.6	60.8	120.9	198.1	282.2	364.4	446.3	536.5	647.8	775.7
40°	0.0	20.4	65.0	130.0	210.9	299.0	383.7	471.9	568.8	691.2	837.0
37.5°	0.0	21.1	69.0	138.7	223.6	314.9	402.0	496.2	605.4	735.6	895.4
35°	0.0	21.8	72.7	146.8	235.6	329.5	419.3	519.2	640.0	785.2	955.0
32.5°	0.0	22.4	76.2	154.5	246.9	343.0	436.2	540.8	672.7	832.0	1017.7
30°	0.0	23.0	79.5	161.7	257.5	355.7	453.5	562.6	703.3	875.8	1076.4
27.5°	0.0	23.6	82.5	168.3	267.3	367.4	469.6	587.3	734.5	916.5	1131.1
25°	0.0	24.1	85.3	174.5	276.3	378.2	484.3	610.0	767.6	958.9	1182.2
22.5°	0.0	24.6	87.9	180.0	284.5	388.1	497.8	630.8	797.9	1000.1	1241.9
20°	0.0	25.0	90.2	185.0	291.9	396.9	509.9	649.5	825.1	1037.1	1295.8
17.5°	0.0	25.4	92.2	189.5	298.4	404.8	520.7	666.1	849.3	1070.1	1343.7
15°	0.0	25.7	94.0	193.4	304.1	411.7	530.1	680.6	870.5	1098.9	1385.6
12.5°	0.0	26.0	95.5	196.7	309.0	417.5	538.0	692.9	888.4	1123.4	1421.2
10°	0.0	26.2	96.7	199.4	313.0	422.3	544.6	703.0	903.2	1143.5	1450.5
7.5°	0.0	26.4	97.7	201.5	316.1	426.0	549.7	710.9	914.7	1159.2	1473.4
5°	0.0	26.5	98.3	203.0	318.3	428.7	553.4	716.6	923.0	1170.5	1489.8
2.5°	0.0	26.6	98.8	203.9	319.7	430.3	555.6	720.0	927.9	1177.2	1499.6
0°	0.0	26.6	98.9	204.2	320.1	430.8	556.3	721.1	929.6	1179.5	1502.9
-2.5°	0.0	26.6	98.8	203.9	319.7	430.3	555.6	720.0	927.9	1177.2	1499.6
-5°	0.0	26.5	98.3	203.0	318.3	428.7	553.4	716.6	923.0	1170.5	1489.8
-7.5°	0.0	26.4	97.7	201.5	316.1	426.0	549.7	710.9	914.7	1159.2	1473.4
-10°	0.0	26.2	96.7	199.4	313.0	422.3	544.6	703.0	903.2	1143.5	1450.5
-12.5°	0.0	26.0	95.5	196.7	309.0	417.5	538.0	692.9	888.4	1123.4	1421.2
-15°	0.0	25.7	94.0	193.4	304.1	411.7	530.1	680.6	870.5	1098.9	1385.6
-17.5°	0.0	25.4	92.2	189.5	298.4	404.8	520.7	666.1	849.3	1070.1	1343.7
-20°	0.0	25.0	90.2	185.0	291.9	396.9	509.9	649.5	825.1	1037.1	1295.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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	24.6	87.9	180.0	284.5	388.1	497.8	630.8	797.9	1000.1	1241.9
-25°	0.0	24.1	85.3	174.5	276.3	378.2	484.3	610.0	767.6	958.9	1182.2
-27.5°	0.0	23.6	82.5	168.3	267.3	367.4	469.6	587.3	734.5	916.5	1131.1
-30°	0.0	23.0	79.5	161.7	257.5	355.7	453.5	562.6	703.3	875.8	1076.4
-32.5°	0.0	22.4	76.2	154.5	246.9	343.0	436.2	540.8	672.7	832.0	1017.7
-35°	0.0	21.8	72.7	146.8	235.6	329.5	419.3	519.2	640.0	785.2	955.0
-37.5°	0.0	21.1	69.0	138.7	223.6	314.9	402.0	496.2	605.4	735.6	895.4
-40°	0.0	20.4	65.0	130.0	210.9	299.0	383.7	471.9	568.8	691.2	837.0
-42.5°	0.0	19.6	60.8	120.9	198.1	282.2	364.4	446.3	536.5	647.8	775.7
-45°	0.0	18.8	56.5	111.4	185.4	264.6	344.2	420.9	505.9	602.4	713.7
-47.5°	0.0	18.0	51.9	101.4	172.1	246.3	323.2	396.3	474.0	555.5	661.1
-50°	0.0	17.1	47.2	93.5	158.2	227.3	300.5	370.8	440.8	518.1	606.6
-52.5°	0.0	16.2	42.3	86.1	143.9	207.5	276.8	344.4	409.4	479.6	551.7
-55°	0.0	15.3	37.2	78.5	129.1	188.7	252.3	316.9	378.3	439.8	507.5
-57.5°	0.0	14.3	31.9	70.6	113.8	169.6	227.1	287.6	346.2	402.7	462.2
-60°	0.0	13.3	26.6	62.5	98.3	150.0	201.5	257.4	313.0	365.8	417.5
-62.5°	0.0	12.3	24.5	54.2	87.3	129.9	177.4	226.5	277.8	328.0	375.6
-65°	0.0	11.2	22.5	45.8	76.0	109.4	152.8	195.8	241.8	288.0	332.9
-67.5°	0.0	10.2	20.3	37.1	64.5	91.7	127.7	166.6	205.2	246.9	288.0
-70°	0.0	9.1	18.2	28.3	52.8	77.1	102.2	136.9	171.3	205.2	241.8
-72.5°	0.0	8.0	16.0	23.9	40.9	62.2	83.4	106.8	136.9	166.6	195.8
-75°	0.0	6.9	13.8	20.6	28.8	47.2	65.4	83.4	102.2	127.7	152.8
-77.5°	0.0	5.8	11.5	17.2	22.9	32.0	47.2	62.2	77.1	91.7	109.4
-80°	0.0	4.6	9.2	13.8	18.4	22.9	28.8	40.9	52.8	64.5	76.0
-82.5°	0.0	3.5	6.9	10.4	13.8	17.2	20.6	23.9	28.3	37.1	45.8
-85°	0.0	2.3	4.6	6.9	9.2	11.5	13.8	16.0	18.2	20.3	22.5
-87.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.1	10.2	11.2
-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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	12.3	13.3	14.3	15.3	16.2	17.1	18.0	18.8	19.6	20.4	21.1
85°	24.5	26.6	31.9	37.2	42.3	47.2	51.9	56.5	60.8	65.0	69.0
82.5°	54.2	62.5	70.6	78.5	86.1	93.5	101.4	111.4	120.9	130.0	138.7
80°	87.3	98.3	113.8	129.1	143.9	158.2	172.1	185.4	198.1	210.9	223.6
77.5°	129.9	150.0	169.6	188.7	207.5	227.3	246.3	264.6	282.2	299.0	314.9
75°	177.4	201.5	227.1	252.3	276.8	300.5	323.2	344.2	364.4	383.7	402.0
72.5°	226.5	257.4	287.6	316.9	344.4	370.8	396.3	420.9	446.3	471.9	496.2
70°	277.8	313.0	346.2	378.3	409.4	440.8	474.0	505.9	536.5	568.8	605.4
67.5°	328.0	365.8	402.7	439.8	479.6	518.1	555.5	602.4	647.8	691.2	735.6
65°	375.6	417.5	462.2	507.5	551.7	606.6	661.1	713.7	775.7	837.0	895.4
62.5°	422.4	473.4	524.4	579.9	643.7	705.7	777.6	850.9	921.6	1001.1	1078.5
60°	473.4	530.1	594.8	666.1	739.5	825.1	908.1	1000.1	1092.7	1182.2	1292.1
57.5°	524.4	594.8	673.6	758.6	853.9	950.0	1058.0	1162.4	1287.8	1413.0	1537.6
55°	579.9	666.1	758.6	863.5	973.2	1093.0	1218.2	1364.2	1505.4	1662.8	1813.4
52.5°	643.7	739.5	853.9	973.2	1104.7	1248.8	1410.4	1577.5	1753.4	1924.3	2091.9
50°	705.7	825.1	950.0	1093.0	1248.8	1425.9	1613.8	1808.3	2000.4	2187.9	2363.4
47.5°	777.6	908.1	1058.0	1218.2	1410.4	1613.8	1826.7	2038.8	2246.0	2438.2	2622.4
45°	850.9	1000.1	1162.4	1364.2	1577.5	1808.3	2038.8	2265.5	2476.0	2674.6	2848.4
42.5°	921.6	1092.7	1287.8	1505.4	1753.4	2000.4	2246.0	2476.0	2691.6	2882.9	3057.5
40°	1001.1	1182.2	1413.0	1662.8	1924.3	2187.9	2438.2	2674.6	2882.9	3073.4	3250.2
37.5°	1078.5	1292.1	1537.6	1813.4	2091.9	2363.4	2622.4	2848.4	3057.5	3250.2	3419.8
35°	1152.0	1396.6	1669.9	1959.5	2251.9	2527.8	2779.9	3010.1	3217.8	3404.8	3578.2
32.5°	1233.7	1495.4	1795.1	2099.9	2397.6	2678.6	2928.5	3153.7	3360.2	3550.1	3722.3
30°	1318.1	1601.8	1914.0	2232.0	2534.4	2809.3	3058.8	3286.8	3491.7	3679.3	3848.0
27.5°	1396.6	1702.3	2027.4	2351.6	2659.5	2931.9	3178.1	3402.5	3608.6	3797.4	3961.0
25°	1469.1	1795.1	2132.4	2461.1	2764.7	3037.8	3286.2	3510.5	3715.4	3896.6	4055.5
22.5°	1540.7	1880.2	2228.7	2561.5	2861.4	3132.5	3378.6	3603.5	3808.5	3988.0	4140.5
20°	1610.3	1959.5	2313.5	2650.6	2949.2	3218.5	3462.7	3687.2	3886.7	4060.5	4212.4
17.5°	1672.3	2030.1	2387.8	2722.5	3021.4	3291.9	3537.2	3762.4	3957.1	4125.9	4274.4
15°	1726.4	2091.9	2452.7	2785.5	3083.4	3353.0	3598.2	3820.9	4014.3	4181.8	4329.3
12.5°	1772.5	2144.5	2508.1	2839.3	3136.5	3405.2	3650.5	3870.1	4060.2	4225.5	4369.8
10°	1810.4	2187.9	2553.8	2883.6	3180.2	3448.3	3693.7	3910.8	4098.3	4261.9	4403.6
7.5°	1840.0	2221.7	2589.5	2918.3	3214.5	3482.1	3727.6	3942.8	4128.3	4290.6	4430.3
5°	1861.3	2246.0	2615.1	2943.2	3239.1	3506.4	3752.0	3965.8	4149.8	4311.2	4449.6
2.5°	1874.0	2260.6	2630.5	2958.2	3254.0	3521.0	3766.7	3979.7	4162.8	4323.7	4461.2
0°	1878.3	2265.5	2635.6	2963.2	3258.9	3525.9	3771.6	3984.3	4167.2	4327.9	4465.1
-2.5°	1874.0	2260.6	2630.5	2958.2	3254.0	3521.0	3766.7	3979.7	4162.8	4323.7	4461.2
-5°	1861.3	2246.0	2615.1	2943.2	3239.1	3506.4	3752.0	3965.8	4149.8	4311.2	4449.6
-7.5°	1840.0	2221.7	2589.5	2918.3	3214.5	3482.1	3727.6	3942.8	4128.3	4290.6	4430.3
-10°	1810.4	2187.9	2553.8	2883.6	3180.2	3448.3	3693.7	3910.8	4098.3	4261.9	4403.6
-12.5°	1772.5	2144.5	2508.1	2839.3	3136.5	3405.2	3650.5	3870.1	4060.2	4225.5	4369.8
-15°	1726.4	2091.9	2452.7	2785.5	3083.4	3353.0	3598.2	3820.9	4014.3	4181.8	4329.3
-17.5°	1672.3	2030.1	2387.8	2722.5	3021.4	3291.9	3537.2	3762.4	3957.1	4125.9	4274.4
-20°	1610.3	1959.5	2313.5	2650.6	2949.2	3218.5	3462.7	3687.2	3886.7	4060.5	4212.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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°	1540.7	1880.2	2228.7	2561.5	2861.4	3132.5	3378.6	3603.5	3808.5	3988.0	4140.5
-25°	1469.1	1795.1	2132.4	2461.1	2764.7	3037.8	3286.2	3510.5	3715.4	3896.6	4055.5
-27.5°	1396.6	1702.3	2027.4	2351.6	2659.5	2931.9	3178.1	3402.5	3608.6	3797.4	3961.0
-30°	1318.1	1601.8	1914.0	2232.0	2534.4	2809.3	3058.8	3286.8	3491.7	3679.3	3848.0
-32.5°	1233.7	1495.4	1795.1	2099.9	2397.6	2678.6	2928.5	3153.7	3360.2	3550.1	3722.3
-35°	1152.0	1396.6	1669.9	1959.5	2251.9	2527.8	2779.9	3010.1	3217.8	3404.8	3578.2
-37.5°	1078.5	1292.1	1537.6	1813.4	2091.9	2363.4	2622.4	2848.4	3057.5	3250.2	3419.8
-40°	1001.1	1182.2	1413.0	1662.8	1924.3	2187.9	2438.2	2674.6	2882.9	3073.4	3250.2
-42.5°	921.6	1092.7	1287.8	1505.4	1753.4	2000.4	2246.0	2476.0	2691.6	2882.9	3057.5
-45°	850.9	1000.1	1162.4	1364.2	1577.5	1808.3	2038.8	2265.5	2476.0	2674.6	2848.4
-47.5°	777.6	908.1	1058.0	1218.2	1410.4	1613.8	1826.7	2038.8	2246.0	2438.2	2622.4
-50°	705.7	825.1	950.0	1093.0	1248.8	1425.9	1613.8	1808.3	2000.4	2187.9	2363.4
-52.5°	643.7	739.5	853.9	973.2	1104.7	1248.8	1410.4	1577.5	1753.4	1924.3	2091.9
-55°	579.9	666.1	758.6	863.5	973.2	1093.0	1218.2	1364.2	1505.4	1662.8	1813.4
-57.5°	524.4	594.8	673.6	758.6	853.9	950.0	1058.0	1162.4	1287.8	1413.0	1537.6
-60°	473.4	530.1	594.8	666.1	739.5	825.1	908.1	1000.1	1092.7	1182.2	1292.1
-62.5°	422.4	473.4	524.4	579.9	643.7	705.7	777.6	850.9	921.6	1001.1	1078.5
-65°	375.6	417.5	462.2	507.5	551.7	606.6	661.1	713.7	775.7	837.0	895.4
-67.5°	328.0	365.8	402.7	439.8	479.6	518.1	555.5	602.4	647.8	691.2	735.6
-70°	277.8	313.0	346.2	378.3	409.4	440.8	474.0	505.9	536.5	568.8	605.4
-72.5°	226.5	257.4	287.6	316.9	344.4	370.8	396.3	420.9	446.3	471.9	496.2
-75°	177.4	201.5	227.1	252.3	276.8	300.5	323.2	344.2	364.4	383.7	402.0
-77.5°	129.9	150.0	169.6	188.7	207.5	227.3	246.3	264.6	282.2	299.0	314.9
-80°	87.3	98.3	113.8	129.1	143.9	158.2	172.1	185.4	198.1	210.9	223.6
-82.5°	54.2	62.5	70.6	78.5	86.1	93.5	101.4	111.4	120.9	130.0	138.7
-85°	24.5	26.6	31.9	37.2	42.3	47.2	51.9	56.5	60.8	65.0	69.0
-87.5°	12.3	13.3	14.3	15.3	16.2	17.1	18.0	18.8	19.6	20.4	21.1
-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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	21.8	22.4	23.0	23.6	24.1	24.6	25.0	25.4	25.7	26.0	26.2
85°	72.7	76.2	79.5	82.5	85.3	87.9	90.2	92.2	94.0	95.5	96.7
82.5°	146.8	154.5	161.7	168.3	174.5	180.0	185.0	189.5	193.4	196.7	199.4
80°	235.6	246.9	257.5	267.3	276.3	284.5	291.9	298.4	304.1	309.0	313.0
77.5°	329.5	343.0	355.7	367.4	378.2	388.1	396.9	404.8	411.7	417.5	422.3
75°	419.3	436.2	453.5	469.6	484.3	497.8	509.9	520.7	530.1	538.0	544.6
72.5°	519.2	540.8	562.6	587.3	610.0	630.8	649.5	666.1	680.6	692.9	703.0
70°	640.0	672.7	703.3	734.5	767.6	797.9	825.1	849.3	870.5	888.4	903.2
67.5°	785.2	832.0	875.8	916.5	958.9	1000.1	1037.1	1070.1	1098.9	1123.4	1143.5
65°	955.0	1017.7	1076.4	1131.1	1182.2	1241.9	1295.8	1343.7	1385.6	1421.2	1450.5
62.5°	1152.0	1233.7	1318.1	1396.6	1469.1	1540.7	1610.3	1672.3	1726.4	1772.5	1810.4
60°	1396.6	1495.4	1601.8	1702.3	1795.1	1880.2	1959.5	2030.1	2091.9	2144.5	2187.9
57.5°	1669.9	1795.1	1914.0	2027.4	2132.4	2228.7	2313.5	2387.8	2452.7	2508.1	2553.8
55°	1959.5	2099.9	2232.0	2351.6	2461.1	2561.5	2650.6	2722.5	2785.5	2839.3	2883.6
52.5°	2251.9	2397.6	2534.4	2659.5	2764.7	2861.4	2949.2	3021.4	3083.4	3136.5	3180.2
50°	2527.8	2678.6	2809.3	2931.9	3037.8	3132.5	3218.5	3291.9	3353.0	3405.2	3448.3
47.5°	2779.9	2928.5	3058.8	3178.1	3286.2	3378.6	3462.7	3537.2	3598.2	3650.5	3693.7
45°	3010.1	3153.7	3286.8	3402.5	3510.5	3603.5	3687.2	3762.4	3820.9	3870.1	3910.8
42.5°	3217.8	3360.2	3491.7	3608.6	3715.4	3808.5	3886.7	3957.1	4014.3	4060.2	4098.3
40°	3404.8	3550.1	3679.3	3797.4	3896.6	3988.0	4060.5	4125.9	4181.8	4225.5	4261.9
37.5°	3578.2	3722.3	3848.0	3961.0	4055.5	4140.5	4212.4	4274.4	4329.3	4369.8	4403.6
35°	3736.7	3873.6	3998.0	4101.5	4195.3	4275.4	4346.1	4403.3	4454.2	4492.9	4523.7
32.5°	3873.6	4009.3	4124.8	4226.7	4318.3	4393.0	4460.8	4513.2	4559.4	4596.6	4625.3
30°	3998.0	4124.8	4237.3	4338.3	4421.8	4494.5	4555.5	4606.7	4649.4	4684.9	4710.1
27.5°	4101.5	4226.7	4338.3	4431.4	4511.2	4581.2	4637.1	4686.4	4723.7	4756.4	4778.0
25°	4195.3	4318.3	4421.8	4511.2	4588.7	4652.7	4705.9	4750.5	4783.5	4811.5	4827.6
22.5°	4275.4	4393.0	4494.5	4581.2	4652.7	4712.4	4762.6	4800.4	4827.4	4844.3	4853.8
20°	4346.1	4460.8	4555.5	4637.1	4705.9	4762.6	4806.1	4834.0	4852.8	4857.5	4860.2
17.5°	4403.3	4513.2	4606.7	4686.4	4750.5	4800.4	4834.0	4853.7	4859.4	4858.3	4855.6
15°	4454.2	4559.4	4649.4	4723.7	4783.5	4827.4	4852.8	4859.4	4857.7	4852.0	4843.3
12.5°	4492.9	4596.6	4684.9	4756.4	4811.5	4844.3	4857.5	4858.3	4852.0	4841.1	4828.7
10°	4523.7	4625.3	4710.1	4778.0	4827.6	4853.8	4860.2	4855.6	4843.3	4828.7	4814.9
7.5°	4548.0	4648.0	4730.1	4795.3	4838.2	4856.8	4858.2	4849.4	4834.6	4818.1	4803.2
5°	4565.7	4664.5	4744.7	4807.9	4845.9	4858.9	4856.7	4844.5	4827.5	4810.2	4796.5
2.5°	4576.3	4674.5	4753.5	4815.6	4850.6	4860.3	4855.7	4841.5	4822.9	4805.1	4792.1
0°	4579.9	4677.8	4756.5	4818.2	4852.2	4860.7	4855.4	4840.5	4821.4	4803.3	4790.5
-2.5°	4576.3	4674.5	4753.5	4815.6	4850.6	4860.3	4855.7	4841.5	4822.9	4805.1	4792.1
-5°	4565.7	4664.5	4744.7	4807.9	4845.9	4858.9	4856.7	4844.5	4827.5	4810.2	4796.5
-7.5°	4548.0	4648.0	4730.1	4795.3	4838.2	4856.8	4858.2	4849.4	4834.6	4818.1	4803.2
-10°	4523.7	4625.3	4710.1	4778.0	4827.6	4853.8	4860.2	4855.6	4843.3	4828.7	4814.9
-12.5°	4492.9	4596.6	4684.9	4756.4	4811.5	4844.3	4857.5	4858.3	4852.0	4841.1	4828.7
-15°	4454.2	4559.4	4649.4	4723.7	4783.5	4827.4	4852.8	4859.4	4857.7	4852.0	4843.3
-17.5°	4403.3	4513.2	4606.7	4686.4	4750.5	4800.4	4834.0	4853.7	4859.4	4858.3	4855.6
-20°	4346.1	4460.8	4555.5	4637.1	4705.9	4762.6	4806.1	4834.0	4852.8	4857.5	4860.2



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	4275.4	4393.0	4494.5	4581.2	4652.7	4712.4	4762.6	4800.4	4827.4	4844.3	4853.8
-25°	4195.3	4318.3	4421.8	4511.2	4588.7	4652.7	4705.9	4750.5	4783.5	4811.5	4827.6
-27.5°	4101.5	4226.7	4338.3	4431.4	4511.2	4581.2	4637.1	4686.4	4723.7	4756.4	4778.0
-30°	3998.0	4124.8	4237.3	4338.3	4421.8	4494.5	4555.5	4606.7	4649.4	4684.9	4710.1
-32.5°	3873.6	4009.3	4124.8	4226.7	4318.3	4393.0	4460.8	4513.2	4559.4	4596.6	4625.3
-35°	3736.7	3873.6	3998.0	4101.5	4195.3	4275.4	4346.1	4403.3	4454.2	4492.9	4523.7
-37.5°	3578.2	3722.3	3848.0	3961.0	4055.5	4140.5	4212.4	4274.4	4329.3	4369.8	4403.6
-40°	3404.8	3550.1	3679.3	3797.4	3896.6	3988.0	4060.5	4125.9	4181.8	4225.5	4261.9
-42.5°	3217.8	3360.2	3491.7	3608.6	3715.4	3808.5	3886.7	3957.1	4014.3	4060.2	4098.3
-45°	3010.1	3153.7	3286.8	3402.5	3510.5	3603.5	3687.2	3762.4	3820.9	3870.1	3910.8
-47.5°	2779.9	2928.5	3058.8	3178.1	3286.2	3378.6	3462.7	3537.2	3598.2	3650.5	3693.7
-50°	2527.8	2678.6	2809.3	2931.9	3037.8	3132.5	3218.5	3291.9	3353.0	3405.2	3448.3
-52.5°	2251.9	2397.6	2534.4	2659.5	2764.7	2861.4	2949.2	3021.4	3083.4	3136.5	3180.2
-55°	1959.5	2099.9	2232.0	2351.6	2461.1	2561.5	2650.6	2722.5	2785.5	2839.3	2883.6
-57.5°	1669.9	1795.1	1914.0	2027.4	2132.4	2228.7	2313.5	2387.8	2452.7	2508.1	2553.8
-60°	1396.6	1495.4	1601.8	1702.3	1795.1	1880.2	1959.5	2030.1	2091.9	2144.5	2187.9
-62.5°	1152.0	1233.7	1318.1	1396.6	1469.1	1540.7	1610.3	1672.3	1726.4	1772.5	1810.4
-65°	955.0	1017.7	1076.4	1131.1	1182.2	1241.9	1295.8	1343.7	1385.6	1421.2	1450.5
-67.5°	785.2	832.0	875.8	916.5	958.9	1000.1	1037.1	1070.1	1098.9	1123.4	1143.5
-70°	640.0	672.7	703.3	734.5	767.6	797.9	825.1	849.3	870.5	888.4	903.2
-72.5°	519.2	540.8	562.6	587.3	610.0	630.8	649.5	666.1	680.6	692.9	703.0
-75°	419.3	436.2	453.5	469.6	484.3	497.8	509.9	520.7	530.1	538.0	544.6
-77.5°	329.5	343.0	355.7	367.4	378.2	388.1	396.9	404.8	411.7	417.5	422.3
-80°	235.6	246.9	257.5	267.3	276.3	284.5	291.9	298.4	304.1	309.0	313.0
-82.5°	146.8	154.5	161.7	168.3	174.5	180.0	185.0	189.5	193.4	196.7	199.4
-85°	72.7	76.2	79.5	82.5	85.3	87.9	90.2	92.2	94.0	95.5	96.7
-87.5°	21.8	22.4	23.0	23.6	24.1	24.6	25.0	25.4	25.7	26.0	26.2
-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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	26.4	26.5	26.6	26.6	26.6	26.5	26.4	26.2	26.0	25.7	25.4
85°	97.7	98.3	98.8	98.9	98.8	98.3	97.7	96.7	95.5	94.0	92.2
82.5°	201.5	203.0	203.9	204.2	203.9	203.0	201.5	199.4	196.7	193.4	189.5
80°	316.1	318.3	319.7	320.1	319.7	318.3	316.1	313.0	309.0	304.1	298.4
77.5°	426.0	428.7	430.3	430.8	430.3	428.7	426.0	422.3	417.5	411.7	404.8
75°	549.7	553.4	555.6	556.3	555.6	553.4	549.7	544.6	538.0	530.1	520.7
72.5°	710.9	716.6	720.0	721.1	720.0	716.6	710.9	703.0	692.9	680.6	666.1
70°	914.7	923.0	927.9	929.6	927.9	923.0	914.7	903.2	888.4	870.5	849.3
67.5°	1159.2	1170.5	1177.2	1179.5	1177.2	1170.5	1159.2	1143.5	1123.4	1098.9	1070.1
65°	1473.4	1489.8	1499.6	1502.9	1499.6	1489.8	1473.4	1450.5	1421.2	1385.6	1343.7
62.5°	1840.0	1861.3	1874.0	1878.3	1874.0	1861.3	1840.0	1810.4	1772.5	1726.4	1672.3
60°	2221.7	2246.0	2260.6	2265.5	2260.6	2246.0	2221.7	2187.9	2144.5	2091.9	2030.1
57.5°	2589.5	2615.1	2630.5	2635.6	2630.5	2615.1	2589.5	2553.8	2508.1	2452.7	2387.8
55°	2918.3	2943.2	2958.2	2963.2	2958.2	2943.2	2918.3	2883.6	2839.3	2785.5	2722.5
52.5°	3214.5	3239.1	3254.0	3258.9	3254.0	3239.1	3214.5	3180.2	3136.5	3083.4	3021.4
50°	3482.1	3506.4	3521.0	3525.9	3521.0	3506.4	3482.1	3448.3	3405.2	3353.0	3291.9
47.5°	3727.6	3752.0	3766.7	3771.6	3766.7	3752.0	3727.6	3693.7	3650.5	3598.2	3537.2
45°	3942.8	3965.8	3979.7	3984.3	3979.7	3965.8	3942.8	3910.8	3870.1	3820.9	3762.4
42.5°	4128.3	4149.8	4162.8	4167.2	4162.8	4149.8	4128.3	4098.3	4060.2	4014.3	3957.1
40°	4290.6	4311.2	4323.7	4327.9	4323.7	4311.2	4290.6	4261.9	4225.5	4181.8	4125.9
37.5°	4430.3	4449.6	4461.2	4465.1	4461.2	4449.6	4430.3	4403.6	4369.8	4329.3	4274.4
35°	4548.0	4565.7	4576.3	4579.9	4576.3	4565.7	4548.0	4523.7	4492.9	4454.2	4403.3
32.5°	4648.0	4664.5	4674.5	4677.8	4674.5	4664.5	4648.0	4625.3	4596.6	4559.4	4513.2
30°	4730.1	4744.7	4753.5	4756.5	4753.5	4744.7	4730.1	4710.1	4684.9	4649.4	4606.7
27.5°	4795.3	4807.9	4815.6	4818.2	4815.6	4807.9	4795.3	4778.0	4756.4	4723.7	4686.4
25°	4838.2	4845.9	4850.6	4852.2	4850.6	4845.9	4838.2	4827.6	4811.5	4783.5	4750.5
22.5°	4856.8	4858.9	4860.3	4860.7	4860.3	4858.9	4856.8	4853.8	4844.3	4827.4	4800.4
20°	4858.2	4856.7	4855.7	4855.4	4855.7	4856.7	4858.2	4860.2	4857.5	4852.8	4834.0
17.5°	4849.4	4844.5	4841.5	4840.5	4841.5	4844.5	4849.4	4855.6	4858.3	4859.4	4853.7
15°	4834.6	4827.5	4822.9	4821.4	4822.9	4827.5	4834.6	4843.3	4852.0	4857.7	4859.4
12.5°	4818.1	4810.2	4805.1	4803.3	4805.1	4810.2	4818.1	4828.7	4841.1	4852.0	4858.3
10°	4803.2	4796.5	4792.1	4790.5	4792.1	4796.5	4803.2	4814.9	4828.7	4843.3	4855.6
7.5°	4793.5	4787.6	4784.3	4783.1	4784.3	4787.6	4793.5	4803.2	4818.1	4834.6	4849.4
5°	4787.6	4781.6	4776.6	4774.6	4776.6	4781.6	4787.6	4796.5	4810.2	4827.5	4844.5
2.5°	4784.3	4776.6	4769.0	4765.0	4769.0	4776.6	4784.3	4792.1	4805.1	4822.9	4841.5
0°	4783.1	4774.6	4765.0	4766.1	4765.0	4774.6	4783.1	4790.5	4803.3	4821.4	4840.5
-2.5°	4784.3	4776.6	4769.0	4765.0	4769.0	4776.6	4784.3	4792.1	4805.1	4822.9	4841.5
-5°	4787.6	4781.6	4776.6	4774.6	4776.6	4781.6	4787.6	4796.5	4810.2	4827.5	4844.5
-7.5°	4793.5	4787.6	4784.3	4783.1	4784.3	4787.6	4793.5	4803.2	4818.1	4834.6	4849.4
-10°	4803.2	4796.5	4792.1	4790.5	4792.1	4796.5	4803.2	4814.9	4828.7	4843.3	4855.6
-12.5°	4818.1	4810.2	4805.1	4803.3	4805.1	4810.2	4818.1	4828.7	4841.1	4852.0	4858.3
-15°	4834.6	4827.5	4822.9	4821.4	4822.9	4827.5	4834.6	4843.3	4852.0	4857.7	4859.4
-17.5°	4849.4	4844.5	4841.5	4840.5	4841.5	4844.5	4849.4	4855.6	4858.3	4859.4	4853.7
-20°	4858.2	4856.7	4855.7	4855.4	4855.7	4856.7	4858.2	4860.2	4857.5	4852.8	4834.0



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	4856.8	4858.9	4860.3	4860.7	4860.3	4858.9	4856.8	4853.8	4844.3	4827.4	4800.4
-25°	4838.2	4845.9	4850.6	4852.2	4850.6	4845.9	4838.2	4827.6	4811.5	4783.5	4750.5
-27.5°	4795.3	4807.9	4815.6	4818.2	4815.6	4807.9	4795.3	4778.0	4756.4	4723.7	4686.4
-30°	4730.1	4744.7	4753.5	4756.5	4753.5	4744.7	4730.1	4710.1	4684.9	4649.4	4606.7
-32.5°	4648.0	4664.5	4674.5	4677.8	4674.5	4664.5	4648.0	4625.3	4596.6	4559.4	4513.2
-35°	4548.0	4565.7	4576.3	4579.9	4576.3	4565.7	4548.0	4523.7	4492.9	4454.2	4403.3
-37.5°	4430.3	4449.6	4461.2	4465.1	4461.2	4449.6	4430.3	4403.6	4369.8	4329.3	4274.4
-40°	4290.6	4311.2	4323.7	4327.9	4323.7	4311.2	4290.6	4261.9	4225.5	4181.8	4125.9
-42.5°	4128.3	4149.8	4162.8	4167.2	4162.8	4149.8	4128.3	4098.3	4060.2	4014.3	3957.1
-45°	3942.8	3965.8	3979.7	3984.3	3979.7	3965.8	3942.8	3910.8	3870.1	3820.9	3762.4
-47.5°	3727.6	3752.0	3766.7	3771.6	3766.7	3752.0	3727.6	3693.7	3650.5	3598.2	3537.2
-50°	3482.1	3506.4	3521.0	3525.9	3521.0	3506.4	3482.1	3448.3	3405.2	3353.0	3291.9
-52.5°	3214.5	3239.1	3254.0	3258.9	3254.0	3239.1	3214.5	3180.2	3136.5	3083.4	3021.4
-55°	2918.3	2943.2	2958.2	2963.2	2958.2	2943.2	2918.3	2883.6	2839.3	2785.5	2722.5
-57.5°	2589.5	2615.1	2630.5	2635.6	2630.5	2615.1	2589.5	2553.8	2508.1	2452.7	2387.8
-60°	2221.7	2246.0	2260.6	2265.5	2260.6	2246.0	2221.7	2187.9	2144.5	2091.9	2030.1
-62.5°	1840.0	1861.3	1874.0	1878.3	1874.0	1861.3	1840.0	1810.4	1772.5	1726.4	1672.3
-65°	1473.4	1489.8	1499.6	1502.9	1499.6	1489.8	1473.4	1450.5	1421.2	1385.6	1343.7
-67.5°	1159.2	1170.5	1177.2	1179.5	1177.2	1170.5	1159.2	1143.5	1123.4	1098.9	1070.1
-70°	914.7	923.0	927.9	929.6	927.9	923.0	914.7	903.2	888.4	870.5	849.3
-72.5°	710.9	716.6	720.0	721.1	720.0	716.6	710.9	703.0	692.9	680.6	666.1
-75°	549.7	553.4	555.6	556.3	555.6	553.4	549.7	544.6	538.0	530.1	520.7
-77.5°	426.0	428.7	430.3	430.8	430.3	428.7	426.0	422.3	417.5	411.7	404.8
-80°	316.1	318.3	319.7	320.1	319.7	318.3	316.1	313.0	309.0	304.1	298.4
-82.5°	201.5	203.0	203.9	204.2	203.9	203.0	201.5	199.4	196.7	193.4	189.5
-85°	97.7	98.3	98.8	98.9	98.8	98.3	97.7	96.7	95.5	94.0	92.2
-87.5°	26.4	26.5	26.6	26.6	26.6	26.5	26.4	26.2	26.0	25.7	25.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	25.0	24.6	24.1	23.6	23.0	22.4	21.8	21.1	20.4	19.6	18.8
85°	90.2	87.9	85.3	82.5	79.5	76.2	72.7	69.0	65.0	60.8	56.5
82.5°	185.0	180.0	174.5	168.3	161.7	154.5	146.8	138.7	130.0	120.9	111.4
80°	291.9	284.5	276.3	267.3	257.5	246.9	235.6	223.6	210.9	198.1	185.4
77.5°	396.9	388.1	378.2	367.4	355.7	343.0	329.5	314.9	299.0	282.2	264.6
75°	509.9	497.8	484.3	469.6	453.5	436.2	419.3	402.0	383.7	364.4	344.2
72.5°	649.5	630.8	610.0	587.3	562.6	540.8	519.2	496.2	471.9	446.3	420.9
70°	825.1	797.9	767.6	734.5	703.3	672.7	640.0	605.4	568.8	536.5	505.9
67.5°	1037.1	1000.1	958.9	916.5	875.8	832.0	785.2	735.6	691.2	647.8	602.4
65°	1295.8	1241.9	1182.2	1131.1	1076.4	1017.7	955.0	895.4	837.0	775.7	713.7
62.5°	1610.3	1540.7	1469.1	1396.6	1318.1	1233.7	1152.0	1078.5	1001.1	921.6	850.9
60°	1959.5	1880.2	1795.1	1702.3	1601.8	1495.4	1396.6	1292.1	1182.2	1092.7	1000.1
57.5°	2313.5	2228.7	2132.4	2027.4	1914.0	1795.1	1669.9	1537.6	1413.0	1287.8	1162.4
55°	2650.6	2561.5	2461.1	2351.6	2232.0	2099.9	1959.5	1813.4	1662.8	1505.4	1364.2
52.5°	2949.2	2861.4	2764.7	2659.5	2534.4	2397.6	2251.9	2091.9	1924.3	1753.4	1577.5
50°	3218.5	3132.5	3037.8	2931.9	2809.3	2678.6	2527.8	2363.4	2187.9	2000.4	1808.3
47.5°	3462.7	3378.6	3286.2	3178.1	3058.8	2928.5	2779.9	2622.4	2438.2	2246.0	2038.8
45°	3687.2	3603.5	3510.5	3402.5	3286.8	3153.7	3010.1	2848.4	2674.6	2476.0	2265.5
42.5°	3886.7	3808.5	3715.4	3608.6	3491.7	3360.2	3217.8	3057.5	2882.9	2691.6	2476.0
40°	4060.5	3988.0	3896.6	3797.4	3679.3	3550.1	3404.8	3250.2	3073.4	2882.9	2674.6
37.5°	4212.4	4140.5	4055.5	3961.0	3848.0	3722.3	3578.2	3419.8	3250.2	3057.5	2848.4
35°	4346.1	4275.4	4195.3	4101.5	3998.0	3873.6	3736.7	3578.2	3404.8	3217.8	3010.1
32.5°	4460.8	4393.0	4318.3	4226.7	4124.8	4009.3	3873.6	3722.3	3550.1	3360.2	3153.7
30°	4555.5	4494.5	4421.8	4338.3	4237.3	4124.8	3998.0	3848.0	3679.3	3491.7	3286.8
27.5°	4637.1	4581.2	4511.2	4431.4	4338.3	4226.7	4101.5	3961.0	3797.4	3608.6	3402.5
25°	4705.9	4652.7	4588.7	4511.2	4421.8	4318.3	4195.3	4055.5	3896.6	3715.4	3510.5
22.5°	4762.6	4712.4	4652.7	4581.2	4494.5	4393.0	4275.4	4140.5	3988.0	3808.5	3603.5
20°	4806.1	4762.6	4705.9	4637.1	4555.5	4460.8	4346.1	4212.4	4060.5	3886.7	3687.2
17.5°	4834.0	4800.4	4750.5	4686.4	4606.7	4513.2	4403.3	4274.4	4125.9	3957.1	3762.4
15°	4852.8	4827.4	4783.5	4723.7	4649.4	4559.4	4454.2	4329.3	4181.8	4014.3	3820.9
12.5°	4857.5	4844.3	4811.5	4756.4	4684.9	4596.6	4492.9	4369.8	4225.5	4060.2	3870.1
10°	4860.2	4853.8	4827.6	4778.0	4710.1	4625.3	4523.7	4403.6	4261.9	4098.3	3910.8
7.5°	4858.2	4856.8	4838.2	4795.3	4730.1	4648.0	4548.0	4430.3	4290.6	4128.3	3942.8
5°	4856.7	4858.9	4845.9	4807.9	4744.7	4664.5	4565.7	4449.6	4311.2	4149.8	3965.8
2.5°	4855.7	4860.3	4850.6	4815.6	4753.5	4674.5	4576.3	4461.2	4323.7	4162.8	3979.7
0°	4855.4	4860.7	4852.2	4818.2	4756.5	4677.8	4579.9	4465.1	4327.9	4167.2	3984.3
-2.5°	4855.7	4860.3	4850.6	4815.6	4753.5	4674.5	4576.3	4461.2	4323.7	4162.8	3979.7
-5°	4856.7	4858.9	4845.9	4807.9	4744.7	4664.5	4565.7	4449.6	4311.2	4149.8	3965.8
-7.5°	4858.2	4856.8	4838.2	4795.3	4730.1	4648.0	4548.0	4430.3	4290.6	4128.3	3942.8
-10°	4860.2	4853.8	4827.6	4778.0	4710.1	4625.3	4523.7	4403.6	4261.9	4098.3	3910.8
-12.5°	4857.5	4844.3	4811.5	4756.4	4684.9	4596.6	4492.9	4369.8	4225.5	4060.2	3870.1
-15°	4852.8	4827.4	4783.5	4723.7	4649.4	4559.4	4454.2	4329.3	4181.8	4014.3	3820.9
-17.5°	4834.0	4800.4	4750.5	4686.4	4606.7	4513.2	4403.3	4274.4	4125.9	3957.1	3762.4
-20°	4806.1	4762.6	4705.9	4637.1	4555.5	4460.8	4346.1	4212.4	4060.5	3886.7	3687.2



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	4762.6	4712.4	4652.7	4581.2	4494.5	4393.0	4275.4	4140.5	3988.0	3808.5	3603.5
-25°	4705.9	4652.7	4588.7	4511.2	4421.8	4318.3	4195.3	4055.5	3896.6	3715.4	3510.5
-27.5°	4637.1	4581.2	4511.2	4431.4	4338.3	4226.7	4101.5	3961.0	3797.4	3608.6	3402.5
-30°	4555.5	4494.5	4421.8	4338.3	4237.3	4124.8	3998.0	3848.0	3679.3	3491.7	3286.8
-32.5°	4460.8	4393.0	4318.3	4226.7	4124.8	4009.3	3873.6	3722.3	3550.1	3360.2	3153.7
-35°	4346.1	4275.4	4195.3	4101.5	3998.0	3873.6	3736.7	3578.2	3404.8	3217.8	3010.1
-37.5°	4212.4	4140.5	4055.5	3961.0	3848.0	3722.3	3578.2	3419.8	3250.2	3057.5	2848.4
-40°	4060.5	3988.0	3896.6	3797.4	3679.3	3550.1	3404.8	3250.2	3073.4	2882.9	2674.6
-42.5°	3886.7	3808.5	3715.4	3608.6	3491.7	3360.2	3217.8	3057.5	2882.9	2691.6	2476.0
-45°	3687.2	3603.5	3510.5	3402.5	3286.8	3153.7	3010.1	2848.4	2674.6	2476.0	2265.5
-47.5°	3462.7	3378.6	3286.2	3178.1	3058.8	2928.5	2779.9	2622.4	2438.2	2246.0	2038.8
-50°	3218.5	3132.5	3037.8	2931.9	2809.3	2678.6	2527.8	2363.4	2187.9	2000.4	1808.3
-52.5°	2949.2	2861.4	2764.7	2659.5	2534.4	2397.6	2251.9	2091.9	1924.3	1753.4	1577.5
-55°	2650.6	2561.5	2461.1	2351.6	2232.0	2099.9	1959.5	1813.4	1662.8	1505.4	1364.2
-57.5°	2313.5	2228.7	2132.4	2027.4	1914.0	1795.1	1669.9	1537.6	1413.0	1287.8	1162.4
-60°	1959.5	1880.2	1795.1	1702.3	1601.8	1495.4	1396.6	1292.1	1182.2	1092.7	1000.1
-62.5°	1610.3	1540.7	1469.1	1396.6	1318.1	1233.7	1152.0	1078.5	1001.1	921.6	850.9
-65°	1295.8	1241.9	1182.2	1131.1	1076.4	1017.7	955.0	895.4	837.0	775.7	713.7
-67.5°	1037.1	1000.1	958.9	916.5	875.8	832.0	785.2	735.6	691.2	647.8	602.4
-70°	825.1	797.9	767.6	734.5	703.3	672.7	640.0	605.4	568.8	536.5	505.9
-72.5°	649.5	630.8	610.0	587.3	562.6	540.8	519.2	496.2	471.9	446.3	420.9
-75°	509.9	497.8	484.3	469.6	453.5	436.2	419.3	402.0	383.7	364.4	344.2
-77.5°	396.9	388.1	378.2	367.4	355.7	343.0	329.5	314.9	299.0	282.2	264.6
-80°	291.9	284.5	276.3	267.3	257.5	246.9	235.6	223.6	210.9	198.1	185.4
-82.5°	185.0	180.0	174.5	168.3	161.7	154.5	146.8	138.7	130.0	120.9	111.4
-85°	90.2	87.9	85.3	82.5	79.5	76.2	72.7	69.0	65.0	60.8	56.5
-87.5°	25.0	24.6	24.1	23.6	23.0	22.4	21.8	21.1	20.4	19.6	18.8
-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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	18.0	17.1	16.2	15.3	14.3	13.3	12.3	11.2	10.2	9.1	8.0
85°	51.9	47.2	42.3	37.2	31.9	26.6	24.5	22.5	20.3	18.2	16.0
82.5°	101.4	93.5	86.1	78.5	70.6	62.5	54.2	45.8	37.1	28.3	23.9
80°	172.1	158.2	143.9	129.1	113.8	98.3	87.3	76.0	64.5	52.8	40.9
77.5°	246.3	227.3	207.5	188.7	169.6	150.0	129.9	109.4	91.7	77.1	62.2
75°	323.2	300.5	276.8	252.3	227.1	201.5	177.4	152.8	127.7	102.2	83.4
72.5°	396.3	370.8	344.4	316.9	287.6	257.4	226.5	195.8	166.6	136.9	106.8
70°	474.0	440.8	409.4	378.3	346.2	313.0	277.8	241.8	205.2	171.3	136.9
67.5°	555.5	518.1	479.6	439.8	402.7	365.8	328.0	288.0	246.9	205.2	166.6
65°	661.1	606.6	551.7	507.5	462.2	417.5	375.6	332.9	288.0	241.8	195.8
62.5°	777.6	705.7	643.7	579.9	524.4	473.4	422.4	375.6	328.0	277.8	226.5
60°	908.1	825.1	739.5	666.1	594.8	530.1	473.4	417.5	365.8	313.0	257.4
57.5°	1058.0	950.0	853.9	758.6	673.6	594.8	524.4	462.2	402.7	346.2	287.6
55°	1218.2	1093.0	973.2	863.5	758.6	666.1	579.9	507.5	439.8	378.3	316.9
52.5°	1410.4	1248.8	1104.7	973.2	853.9	739.5	643.7	551.7	479.6	409.4	344.4
50°	1613.8	1425.9	1248.8	1093.0	950.0	825.1	705.7	606.6	518.1	440.8	370.8
47.5°	1826.7	1613.8	1410.4	1218.2	1058.0	908.1	777.6	661.1	555.5	474.0	396.3
45°	2038.8	1808.3	1577.5	1364.2	1162.4	1000.1	850.9	713.7	602.4	505.9	420.9
42.5°	2246.0	2000.4	1753.4	1505.4	1287.8	1092.7	921.6	775.7	647.8	536.5	446.3
40°	2438.2	2187.9	1924.3	1662.8	1413.0	1182.2	1001.1	837.0	691.2	568.8	471.9
37.5°	2622.4	2363.4	2091.9	1813.4	1537.6	1292.1	1078.5	895.4	735.6	605.4	496.2
35°	2779.9	2527.8	2251.9	1959.5	1669.9	1396.6	1152.0	955.0	785.2	640.0	519.2
32.5°	2928.5	2678.6	2397.6	2099.9	1795.1	1495.4	1233.7	1017.7	832.0	672.7	540.8
30°	3058.8	2809.3	2534.4	2232.0	1914.0	1601.8	1318.1	1076.4	875.8	703.3	562.6
27.5°	3178.1	2931.9	2659.5	2351.6	2027.4	1702.3	1396.6	1131.1	916.5	734.5	587.3
25°	3286.2	3037.8	2764.7	2461.1	2132.4	1795.1	1469.1	1182.2	958.9	767.6	610.0
22.5°	3378.6	3132.5	2861.4	2561.5	2228.7	1880.2	1540.7	1241.9	1000.1	797.9	630.8
20°	3462.7	3218.5	2949.2	2650.6	2313.5	1959.5	1610.3	1295.8	1037.1	825.1	649.5
17.5°	3537.2	3291.9	3021.4	2722.5	2387.8	2030.1	1672.3	1343.7	1070.1	849.3	666.1
15°	3598.2	3353.0	3083.4	2785.5	2452.7	2091.9	1726.4	1385.6	1098.9	870.5	680.6
12.5°	3650.5	3405.2	3136.5	2839.3	2508.1	2144.5	1772.5	1421.2	1123.4	888.4	692.9
10°	3693.7	3448.3	3180.2	2883.6	2553.8	2187.9	1810.4	1450.5	1143.5	903.2	703.0
7.5°	3727.6	3482.1	3214.5	2918.3	2589.5	2221.7	1840.0	1473.4	1159.2	914.7	710.9
5°	3752.0	3506.4	3239.1	2943.2	2615.1	2246.0	1861.3	1489.8	1170.5	923.0	716.6
2.5°	3766.7	3521.0	3254.0	2958.2	2630.5	2260.6	1874.0	1499.6	1177.2	927.9	720.0
0°	3771.6	3525.9	3258.9	2963.2	2635.6	2265.5	1878.3	1502.9	1179.5	929.6	721.1
-2.5°	3766.7	3521.0	3254.0	2958.2	2630.5	2260.6	1874.0	1499.6	1177.2	927.9	720.0
-5°	3752.0	3506.4	3239.1	2943.2	2615.1	2246.0	1861.3	1489.8	1170.5	923.0	716.6
-7.5°	3727.6	3482.1	3214.5	2918.3	2589.5	2221.7	1840.0	1473.4	1159.2	914.7	710.9
-10°	3693.7	3448.3	3180.2	2883.6	2553.8	2187.9	1810.4	1450.5	1143.5	903.2	703.0
-12.5°	3650.5	3405.2	3136.5	2839.3	2508.1	2144.5	1772.5	1421.2	1123.4	888.4	692.9
-15°	3598.2	3353.0	3083.4	2785.5	2452.7	2091.9	1726.4	1385.6	1098.9	870.5	680.6
-17.5°	3537.2	3291.9	3021.4	2722.5	2387.8	2030.1	1672.3	1343.7	1070.1	849.3	666.1
-20°	3462.7	3218.5	2949.2	2650.6	2313.5	1959.5	1610.3	1295.8	1037.1	825.1	649.5



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	3378.6	3132.5	2861.4	2561.5	2228.7	1880.2	1540.7	1241.9	1000.1	797.9	630.8
-25°	3286.2	3037.8	2764.7	2461.1	2132.4	1795.1	1469.1	1182.2	958.9	767.6	610.0
-27.5°	3178.1	2931.9	2659.5	2351.6	2027.4	1702.3	1396.6	1131.1	916.5	734.5	587.3
-30°	3058.8	2809.3	2534.4	2232.0	1914.0	1601.8	1318.1	1076.4	875.8	703.3	562.6
-32.5°	2928.5	2678.6	2397.6	2099.9	1795.1	1495.4	1233.7	1017.7	832.0	672.7	540.8
-35°	2779.9	2527.8	2251.9	1959.5	1669.9	1396.6	1152.0	955.0	785.2	640.0	519.2
-37.5°	2622.4	2363.4	2091.9	1813.4	1537.6	1292.1	1078.5	895.4	735.6	605.4	496.2
-40°	2438.2	2187.9	1924.3	1662.8	1413.0	1182.2	1001.1	837.0	691.2	568.8	471.9
-42.5°	2246.0	2000.4	1753.4	1505.4	1287.8	1092.7	921.6	775.7	647.8	536.5	446.3
-45°	2038.8	1808.3	1577.5	1364.2	1162.4	1000.1	850.9	713.7	602.4	505.9	420.9
-47.5°	1826.7	1613.8	1410.4	1218.2	1058.0	908.1	777.6	661.1	555.5	474.0	396.3
-50°	1613.8	1425.9	1248.8	1093.0	950.0	825.1	705.7	606.6	518.1	440.8	370.8
-52.5°	1410.4	1248.8	1104.7	973.2	853.9	739.5	643.7	551.7	479.6	409.4	344.4
-55°	1218.2	1093.0	973.2	863.5	758.6	666.1	579.9	507.5	439.8	378.3	316.9
-57.5°	1058.0	950.0	853.9	758.6	673.6	594.8	524.4	462.2	402.7	346.2	287.6
-60°	908.1	825.1	739.5	666.1	594.8	530.1	473.4	417.5	365.8	313.0	257.4
-62.5°	777.6	705.7	643.7	579.9	524.4	473.4	422.4	375.6	328.0	277.8	226.5
-65°	661.1	606.6	551.7	507.5	462.2	417.5	375.6	332.9	288.0	241.8	195.8
-67.5°	555.5	518.1	479.6	439.8	402.7	365.8	328.0	288.0	246.9	205.2	166.6
-70°	474.0	440.8	409.4	378.3	346.2	313.0	277.8	241.8	205.2	171.3	136.9
-72.5°	396.3	370.8	344.4	316.9	287.6	257.4	226.5	195.8	166.6	136.9	106.8
-75°	323.2	300.5	276.8	252.3	227.1	201.5	177.4	152.8	127.7	102.2	83.4
-77.5°	246.3	227.3	207.5	188.7	169.6	150.0	129.9	109.4	91.7	77.1	62.2
-80°	172.1	158.2	143.9	129.1	113.8	98.3	87.3	76.0	64.5	52.8	40.9
-82.5°	101.4	93.5	86.1	78.5	70.6	62.5	54.2	45.8	37.1	28.3	23.9
-85°	51.9	47.2	42.3	37.2	31.9	26.6	24.5	22.5	20.3	18.2	16.0
-87.5°	18.0	17.1	16.2	15.3	14.3	13.3	12.3	11.2	10.2	9.1	8.0
-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: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
85°	13.8	11.5	9.2	6.9	4.6	2.3	0.0
82.5°	20.6	17.2	13.8	10.4	6.9	3.5	0.0
80°	28.8	22.9	18.4	13.8	9.2	4.6	0.0
77.5°	47.2	32.0	22.9	17.2	11.5	5.8	0.0
75°	65.4	47.2	28.8	20.6	13.8	6.9	0.0
72.5°	83.4	62.2	40.9	23.9	16.0	8.0	0.0
70°	102.2	77.1	52.8	28.3	18.2	9.1	0.0
67.5°	127.7	91.7	64.5	37.1	20.3	10.2	0.0
65°	152.8	109.4	76.0	45.8	22.5	11.2	0.0
62.5°	177.4	129.9	87.3	54.2	24.5	12.3	0.0
60°	201.5	150.0	98.3	62.5	26.6	13.3	0.0
57.5°	227.1	169.6	113.8	70.6	31.9	14.3	0.0
55°	252.3	188.7	129.1	78.5	37.2	15.3	0.0
52.5°	276.8	207.5	143.9	86.1	42.3	16.2	0.0
50°	300.5	227.3	158.2	93.5	47.2	17.1	0.0
47.5°	323.2	246.3	172.1	101.4	51.9	18.0	0.0
45°	344.2	264.6	185.4	111.4	56.5	18.8	0.0
42.5°	364.4	282.2	198.1	120.9	60.8	19.6	0.0
40°	383.7	299.0	210.9	130.0	65.0	20.4	0.0
37.5°	402.0	314.9	223.6	138.7	69.0	21.1	0.0
35°	419.3	329.5	235.6	146.8	72.7	21.8	0.0
32.5°	436.2	343.0	246.9	154.5	76.2	22.4	0.0
30°	453.5	355.7	257.5	161.7	79.5	23.0	0.0
27.5°	469.6	367.4	267.3	168.3	82.5	23.6	0.0
25°	484.3	378.2	276.3	174.5	85.3	24.1	0.0
22.5°	497.8	388.1	284.5	180.0	87.9	24.6	0.0
20°	509.9	396.9	291.9	185.0	90.2	25.0	0.0
17.5°	520.7	404.8	298.4	189.5	92.2	25.4	0.0
15°	530.1	411.7	304.1	193.4	94.0	25.7	0.0
12.5°	538.0	417.5	309.0	196.7	95.5	26.0	0.0
10°	544.6	422.3	313.0	199.4	96.7	26.2	0.0
7.5°	549.7	426.0	316.1	201.5	97.7	26.4	0.0
5°	553.4	428.7	318.3	203.0	98.3	26.5	0.0
2.5°	555.6	430.3	319.7	203.9	98.8	26.6	0.0
0°	556.3	430.8	320.1	204.2	98.9	26.6	0.0
-2.5°	555.6	430.3	319.7	203.9	98.8	26.6	0.0
-5°	553.4	428.7	318.3	203.0	98.3	26.5	0.0
-7.5°	549.7	426.0	316.1	201.5	97.7	26.4	0.0
-10°	544.6	422.3	313.0	199.4	96.7	26.2	0.0
-12.5°	538.0	417.5	309.0	196.7	95.5	26.0	0.0
-15°	530.1	411.7	304.1	193.4	94.0	25.7	0.0
-17.5°	520.7	404.8	298.4	189.5	92.2	25.4	0.0
-20°	509.9	396.9	291.9	185.0	90.2	25.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	497.8	388.1	284.5	180.0	87.9	24.6	0.0
-25°	484.3	378.2	276.3	174.5	85.3	24.1	0.0
-27.5°	469.6	367.4	267.3	168.3	82.5	23.6	0.0
-30°	453.5	355.7	257.5	161.7	79.5	23.0	0.0
-32.5°	436.2	343.0	246.9	154.5	76.2	22.4	0.0
-35°	419.3	329.5	235.6	146.8	72.7	21.8	0.0
-37.5°	402.0	314.9	223.6	138.7	69.0	21.1	0.0
-40°	383.7	299.0	210.9	130.0	65.0	20.4	0.0
-42.5°	364.4	282.2	198.1	120.9	60.8	19.6	0.0
-45°	344.2	264.6	185.4	111.4	56.5	18.8	0.0
-47.5°	323.2	246.3	172.1	101.4	51.9	18.0	0.0
-50°	300.5	227.3	158.2	93.5	47.2	17.1	0.0
-52.5°	276.8	207.5	143.9	86.1	42.3	16.2	0.0
-55°	252.3	188.7	129.1	78.5	37.2	15.3	0.0
-57.5°	227.1	169.6	113.8	70.6	31.9	14.3	0.0
-60°	201.5	150.0	98.3	62.5	26.6	13.3	0.0
-62.5°	177.4	129.9	87.3	54.2	24.5	12.3	0.0
-65°	152.8	109.4	76.0	45.8	22.5	11.2	0.0
-67.5°	127.7	91.7	64.5	37.1	20.3	10.2	0.0
-70°	102.2	77.1	52.8	28.3	18.2	9.1	0.0
-72.5°	83.4	62.2	40.9	23.9	16.0	8.0	0.0
-75°	65.4	47.2	28.8	20.6	13.8	6.9	0.0
-77.5°	47.2	32.0	22.9	17.2	11.5	5.8	0.0
-80°	28.8	22.9	18.4	13.8	9.2	4.6	0.0
-82.5°	20.6	17.2	13.8	10.4	6.9	3.5	0.0
-85°	13.8	11.5	9.2	6.9	4.6	2.3	0.0
-87.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)