

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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-730-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N143
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

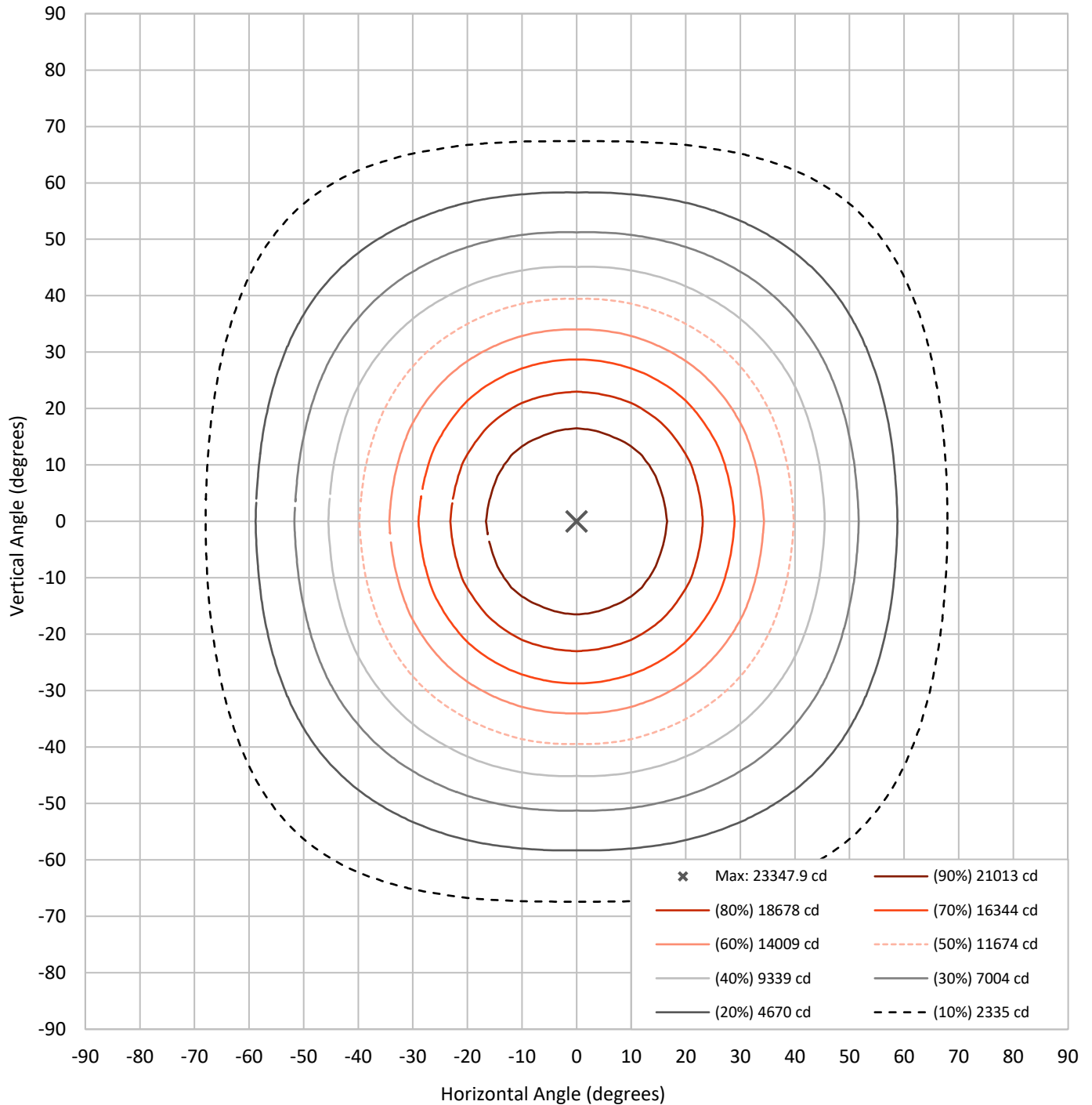
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	42199.2 lumens	Max Intensity:	23347.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	24750.1 lumens	Field Lumens:	40229.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

Iso-Candela Plot





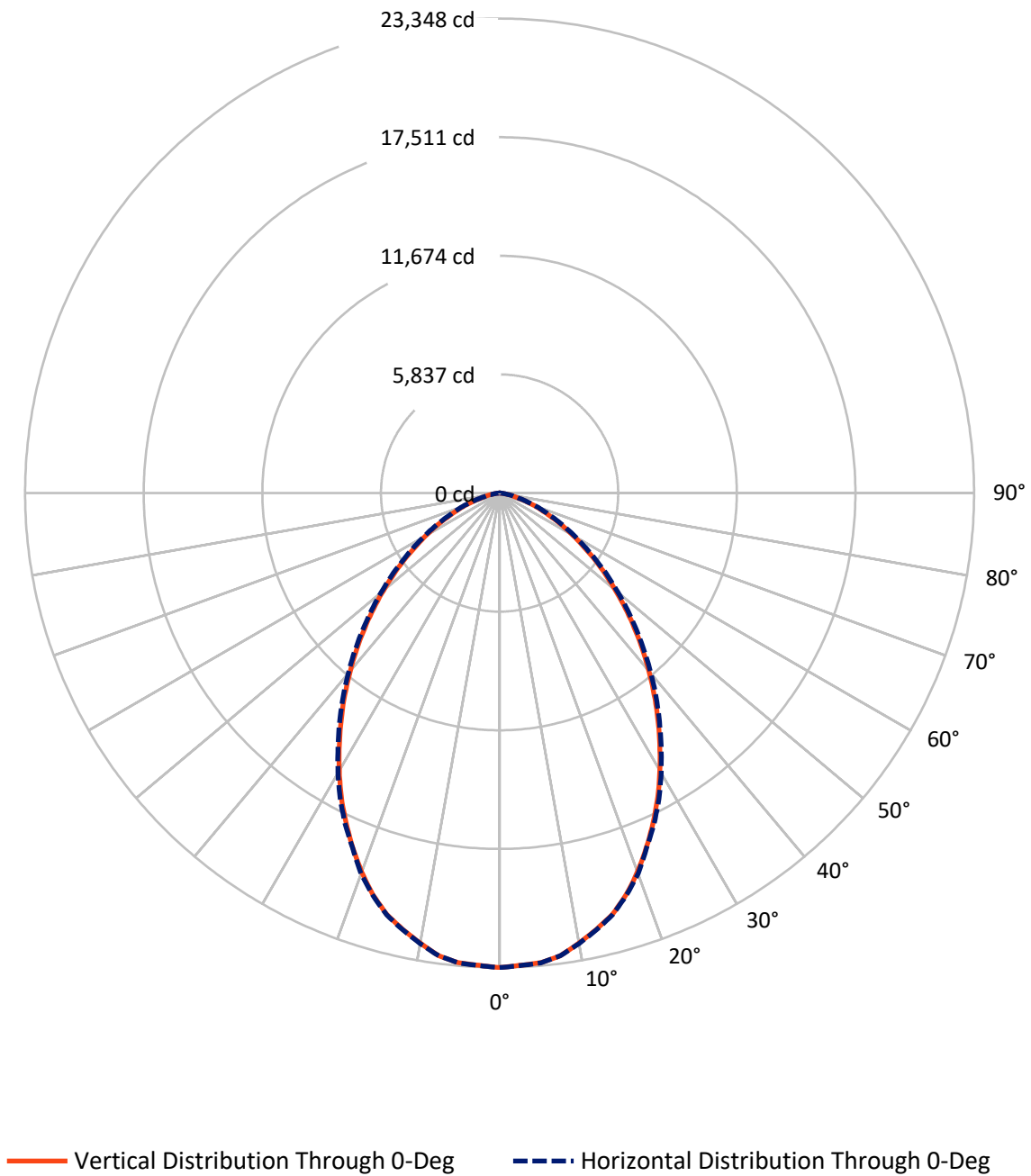
REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

Lumen Table

90																			
80	1.4	17.3	47.1	79.9	75.4	79.9	47.1	17.3	1.4										
70																			
60	7.8	10.8	21.9	37.2	54.5	70.3	82.3	88.0	88.0	82.3	70.3	54.5	37.2	21.9	10.8				7.8
50																			
40	13.8	16.2	35.5	63.3	95.8	130.3	158.6	173.3	173.3	158.6	130.3	95.8	63.3	35.5	16.2				13.8
30																			
20	17.7	21.8	51.3	94.7	150.1	208.1	256.6	283.2	283.2	256.6	208.1	150.1	94.7	51.3	21.8				17.7
10																			
0	19.3	27.6	68.0	130.4	210.1	294.6	366.7	407.7	407.7	366.7	294.6	210.1	130.4	68.0	27.6				19.3
-10																			
-20	17.7	33.0	83.6	164.0	267.5	379.7	477.6	533.9	533.9	477.6	379.7	267.5	164.0	83.6	33.0				17.7
-30																			
-40	13.8	37.2	95.7	189.1	312.3	448.8	569.2	637.7	637.7	569.2	448.8	312.3	189.1	95.7	37.2				13.8
-50																			
-60	7.8	39.5	102.4	203.4	337.2	487.1	618.7	690.7	690.7	618.7	487.1	337.2	203.4	102.4	39.5				7.8
-70																			
-80	1.4	39.5	102.4	203.4	337.2	487.1	618.7	690.7	690.7	618.7	487.1	337.2	203.4	102.4	39.5				1.4
-90																			

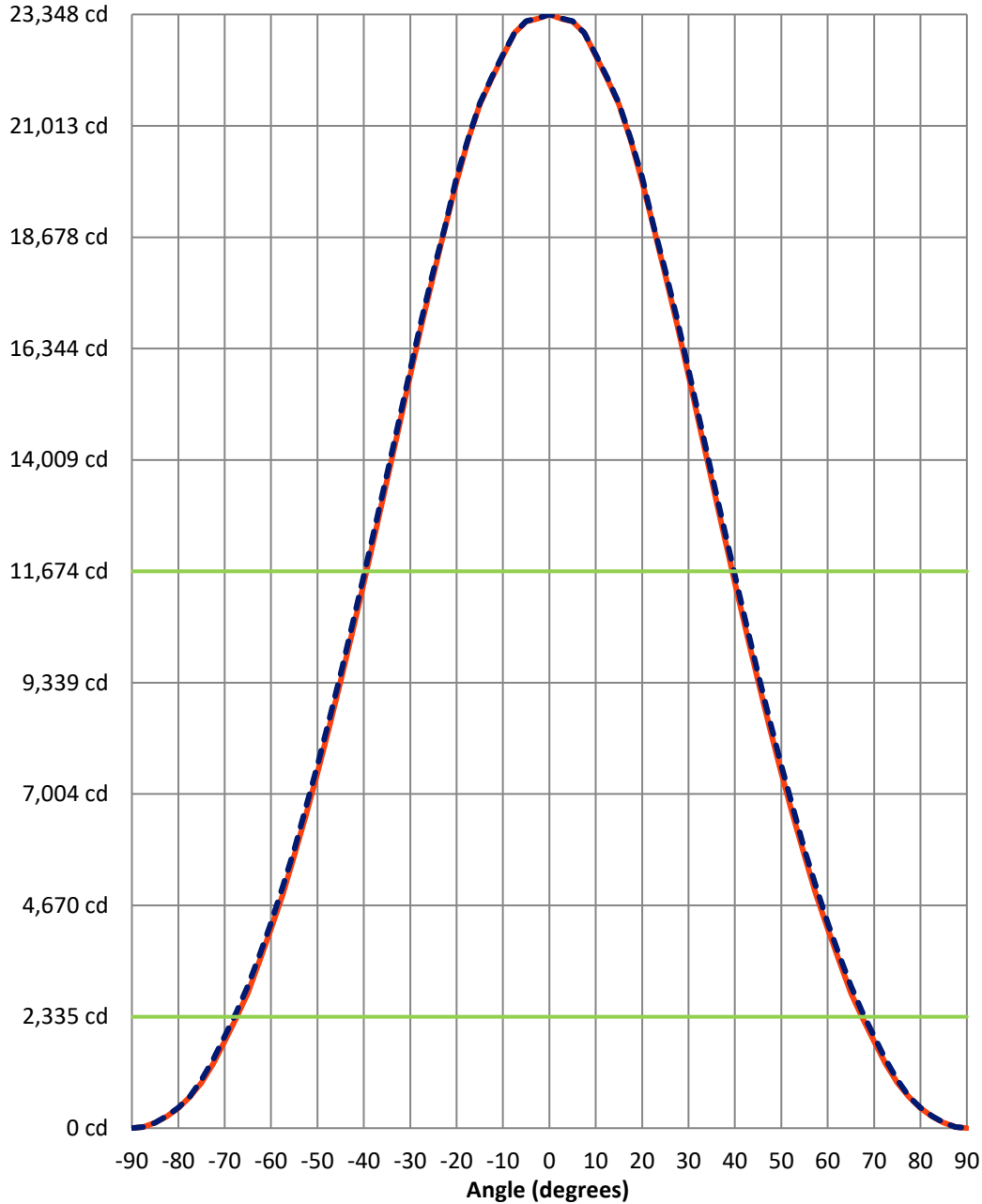
REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 24750.1
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 40229.7
 Efficiency: 95.3%

Spill:
 Lumens: 1969.5
 Efficiency: 4.7%

— Vertical Distribution through 0-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
85°	0.0	2.7	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
82.5°	0.0	4.0	9.1	13.7	18.2	22.7	27.1	31.5	39.4	62.0	83.7
80°	0.0	5.3	12.1	18.2	24.2	30.2	40.8	72.6	103.2	132.6	160.8
77.5°	0.0	6.6	15.0	22.7	30.2	47.3	88.8	128.9	166.6	202.8	247.7
75°	0.0	7.9	17.9	27.1	39.3	81.8	135.7	184.9	232.0	296.8	365.6
72.5°	0.0	9.2	20.8	31.5	62.6	115.3	181.2	245.0	319.0	397.9	481.4
70°	0.0	10.4	23.6	37.7	85.2	147.7	226.6	317.1	404.2	497.1	605.7
67.5°	0.0	11.6	26.3	51.7	106.9	178.7	281.1	387.6	487.6	604.8	729.3
65°	0.0	12.8	28.9	65.1	127.6	213.3	333.3	456.1	577.5	709.4	845.0
62.5°	0.0	13.9	31.4	77.9	147.3	251.4	382.8	527.6	664.5	809.3	948.5
60°	0.0	15.0	33.8	90.0	165.7	287.3	429.5	598.7	748.2	902.9	1050.6
57.5°	0.0	16.1	40.6	101.4	190.3	321.1	478.6	664.9	830.8	994.8	1147.4
55°	0.0	17.1	47.3	112.1	213.8	352.5	525.2	722.0	912.0	1083.6	1240.3
52.5°	0.0	18.1	53.7	121.9	235.5	382.3	568.2	781.5	991.3	1165.3	1330.8
50°	0.0	19.0	59.8	130.8	255.6	414.0	607.7	838.0	1066.6	1244.6	1434.5
47.5°	0.0	19.9	65.6	140.2	273.9	442.9	644.7	890.5	1134.8	1321.3	1536.1
45°	0.0	20.8	71.2	152.3	290.4	468.9	685.8	939.0	1187.9	1408.2	1633.3
42.5°	0.0	21.6	76.5	163.3	305.0	492.1	723.6	983.5	1238.7	1491.2	1747.8
40°	0.0	22.3	81.4	174.6	319.6	512.4	757.8	1025.6	1291.5	1569.1	1859.4
37.5°	0.0	23.0	86.0	185.7	334.1	529.7	788.4	1065.6	1350.7	1642.9	1964.0
35°	0.0	23.6	90.3	196.1	346.6	549.7	815.4	1103.3	1408.4	1728.0	2069.4
32.5°	0.0	24.2	94.3	205.6	357.0	569.7	840.5	1138.5	1464.5	1809.7	2181.0
30°	0.0	24.7	97.9	214.4	365.4	586.8	866.5	1173.7	1518.6	1887.9	2285.4
27.5°	0.0	25.1	101.2	222.3	377.9	600.9	889.8	1214.7	1574.2	1962.1	2382.2
25°	0.0	25.5	104.1	229.4	389.6	612.1	910.4	1252.7	1632.2	2037.5	2471.8
22.5°	0.0	25.8	106.6	235.6	400.0	623.4	928.0	1287.5	1685.7	2109.0	2567.1
20°	0.0	26.1	108.9	241.0	408.9	638.9	942.5	1318.9	1734.2	2172.8	2652.6
17.5°	0.0	26.3	110.7	245.6	416.3	651.6	960.7	1346.4	1777.4	2228.9	2728.0
15°	0.0	26.5	112.2	249.3	422.4	661.4	979.6	1372.7	1814.9	2276.9	2793.0
12.5°	0.0	26.6	113.3	252.1	427.0	668.5	995.0	1397.5	1848.9	2316.8	2847.4
10°	0.0	26.6	114.1	254.1	430.1	673.0	1006.7	1416.5	1878.2	2354.2	2893.3
7.5°	0.0	26.6	114.6	255.3	431.9	674.7	1014.6	1429.8	1900.8	2384.4	2932.9
5°	0.0	26.6	114.7	255.6	432.2	674.0	1018.8	1437.4	1916.3	2406.2	2961.3
2.5°	0.0	26.5	114.4	255.1	431.2	670.7	1018.9	1439.2	1924.5	2419.5	2978.4
0°	0.0	26.3	113.8	253.8	428.8	665.1	1015.1	1435.2	1925.2	2424.0	2984.1
-2.5°	0.0	26.5	114.4	255.1	431.2	670.7	1018.9	1439.2	1924.5	2419.5	2978.4
-5°	0.0	26.6	114.7	255.6	432.2	674.0	1018.8	1437.4	1916.3	2406.2	2961.3
-7.5°	0.0	26.6	114.6	255.3	431.9	674.7	1014.6	1429.8	1900.8	2384.4	2932.9
-10°	0.0	26.6	114.1	254.1	430.1	673.0	1006.7	1416.5	1878.2	2354.2	2893.3
-12.5°	0.0	26.6	113.3	252.1	427.0	668.5	995.0	1397.5	1848.9	2316.8	2847.4
-15°	0.0	26.5	112.2	249.3	422.4	661.4	979.6	1372.7	1814.9	2276.9	2793.0
-17.5°	0.0	26.3	110.7	245.6	416.3	651.6	960.7	1346.4	1777.4	2228.9	2728.0
-20°	0.0	26.1	108.9	241.0	408.9	638.9	942.5	1318.9	1734.2	2172.8	2652.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	25.8	106.6	235.6	400.0	623.4	928.0	1287.5	1685.7	2109.0	2567.1
-25°	0.0	25.5	104.1	229.4	389.6	612.1	910.4	1252.7	1632.2	2037.5	2471.8
-27.5°	0.0	25.1	101.2	222.3	377.9	600.9	889.8	1214.7	1574.2	1962.1	2382.2
-30°	0.0	24.7	97.9	214.4	365.4	586.8	866.5	1173.7	1518.6	1887.9	2285.4
-32.5°	0.0	24.2	94.3	205.6	357.0	569.7	840.5	1138.5	1464.5	1809.7	2181.0
-35°	0.0	23.6	90.3	196.1	346.6	549.7	815.4	1103.3	1408.4	1728.0	2069.4
-37.5°	0.0	23.0	86.0	185.7	334.1	529.7	788.4	1065.6	1350.7	1642.9	1964.0
-40°	0.0	22.3	81.4	174.6	319.6	512.4	757.8	1025.6	1291.5	1569.1	1859.4
-42.5°	0.0	21.6	76.5	163.3	305.0	492.1	723.6	983.5	1238.7	1491.2	1747.8
-45°	0.0	20.8	71.2	152.3	290.4	468.9	685.8	939.0	1187.9	1408.2	1633.3
-47.5°	0.0	19.9	65.6	140.2	273.9	442.9	644.7	890.5	1134.8	1321.3	1536.1
-50°	0.0	19.0	59.8	130.8	255.6	414.0	607.7	838.0	1066.6	1244.6	1434.5
-52.5°	0.0	18.1	53.7	121.9	235.5	382.3	568.2	781.5	991.3	1165.3	1330.8
-55°	0.0	17.1	47.3	112.1	213.8	352.5	525.2	722.0	912.0	1083.6	1240.3
-57.5°	0.0	16.1	40.6	101.4	190.3	321.1	478.6	664.9	830.8	994.8	1147.4
-60°	0.0	15.0	33.8	90.0	165.7	287.3	429.5	598.7	748.2	902.9	1050.6
-62.5°	0.0	13.9	31.4	77.9	147.3	251.4	382.8	527.6	664.5	809.3	948.5
-65°	0.0	12.8	28.9	65.1	127.6	213.3	333.3	456.1	577.5	709.4	845.0
-67.5°	0.0	11.6	26.3	51.7	106.9	178.7	281.1	387.6	487.6	604.8	729.3
-70°	0.0	10.4	23.6	37.7	85.2	147.7	226.6	317.1	404.2	497.1	605.7
-72.5°	0.0	9.2	20.8	31.5	62.6	115.3	181.2	245.0	319.0	397.9	481.4
-75°	0.0	7.9	17.9	27.1	39.3	81.8	135.7	184.9	232.0	296.8	365.6
-77.5°	0.0	6.6	15.0	22.7	30.2	47.3	88.8	128.9	166.6	202.8	247.7
-80°	0.0	5.3	12.1	18.2	24.2	30.2	40.8	72.6	103.2	132.6	160.8
-82.5°	0.0	4.0	9.1	13.7	18.2	22.7	27.1	31.5	39.4	62.0	83.7
-85°	0.0	2.7	6.1	9.1	12.1	15.1	18.1	21.0	23.9	26.8	29.6
-87.5°	0.0	1.3	3.0	4.6	6.1	7.6	9.1	10.5	12.0	13.4	14.8
-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	17.2	19.7	22.3	25.1	25.3	25.3	25.1	24.8	25.8	26.8	27.8
85°	34.2	39.3	54.6	69.3	76.4	80.8	82.7	82.4	95.8	111.4	128.2
82.5°	106.5	128.4	149.4	169.3	174.4	174.6	172.8	173.4	204.9	240.9	277.9
80°	189.6	217.4	254.4	287.1	301.3	308.7	312.1	311.5	351.3	404.4	460.2
77.5°	300.8	347.7	388.4	423.1	441.8	458.3	471.7	482.1	533.3	600.4	666.9
75°	427.5	478.9	530.0	574.5	605.6	628.7	650.3	684.9	751.9	830.2	898.3
72.5°	561.2	626.8	683.7	732.0	775.7	822.2	874.1	931.0	1001.8	1079.9	1151.1
70°	703.9	776.1	835.7	893.9	953.4	1022.9	1100.9	1177.6	1256.5	1342.7	1425.7
67.5°	843.6	913.2	983.4	1056.8	1145.9	1239.0	1331.1	1436.9	1545.0	1640.8	1726.4
65°	964.9	1046.5	1134.3	1234.0	1344.1	1462.3	1585.3	1712.1	1849.3	1964.3	2069.1
62.5°	1080.7	1178.9	1285.6	1409.8	1550.2	1690.2	1847.0	2005.8	2160.2	2295.7	2421.0
60°	1187.5	1306.4	1441.4	1593.7	1757.6	1943.6	2122.2	2302.7	2472.1	2625.5	2783.9
57.5°	1291.4	1441.0	1603.0	1785.8	1993.0	2202.0	2411.9	2606.1	2797.8	2984.8	3163.9
55°	1401.3	1581.6	1774.3	1998.6	2232.1	2479.4	2705.5	2922.2	3133.4	3360.3	3576.0
52.5°	1522.3	1723.6	1964.8	2215.9	2485.7	2751.0	2999.4	3246.3	3501.6	3758.4	4039.2
50°	1639.0	1890.0	2154.4	2446.3	2737.8	3022.0	3306.9	3591.3	3897.2	4212.2	4530.3
47.5°	1775.3	2049.3	2361.6	2674.7	2993.2	3309.5	3626.9	3970.6	4318.1	4683.4	5035.4
45°	1913.4	2221.4	2557.8	2911.9	3256.3	3606.5	3977.7	4357.5	4765.1	5166.8	5590.3
42.5°	2044.1	2392.4	2763.3	3145.5	3528.7	3920.0	4328.1	4771.9	5217.3	5680.6	6145.9
40°	2189.1	2555.0	2963.9	3385.1	3800.8	4234.6	4701.0	5181.7	5685.5	6195.0	6700.3
37.5°	2328.4	2730.6	3160.4	3613.8	4080.3	4557.0	5063.5	5609.1	6155.6	6703.8	7261.0
35°	2458.8	2897.1	3362.7	3844.0	4338.8	4881.0	5447.2	6029.5	6621.7	7214.6	7814.0
32.5°	2593.1	3054.1	3556.0	4071.1	4616.3	5197.8	5817.9	6449.0	7079.6	7712.8	8368.8
30°	2727.6	3218.7	3743.2	4285.8	4882.1	5515.8	6182.2	6850.7	7517.8	8214.5	8913.7
27.5°	2854.7	3375.0	3927.1	4507.7	5137.0	5810.2	6518.0	7234.1	7953.4	8694.1	9439.9
25°	2971.7	3522.9	4097.8	4721.3	5388.2	6093.5	6830.9	7578.1	8366.9	9159.6	9938.4
22.5°	3085.8	3658.8	4255.9	4918.0	5615.9	6356.6	7124.4	7913.5	8737.7	9589.1	10394.9
20°	3195.6	3788.3	4409.8	5096.4	5819.8	6593.5	7391.2	8217.4	9082.3	9956.3	10823.2
17.5°	3293.1	3903.3	4553.0	5263.0	6014.4	6810.0	7631.6	8485.0	9388.3	10294.3	11212.8
15°	3378.0	4003.4	4677.1	5408.5	6186.4	7006.8	7854.7	8732.4	9659.0	10602.3	11557.2
12.5°	3449.8	4088.2	4781.5	5532.1	6332.4	7175.6	8046.4	8954.9	9906.6	10876.3	11858.9
10°	3508.1	4157.3	4866.0	5633.2	6451.6	7315.2	8204.3	9138.4	10118.5	11109.4	12112.6
7.5°	3557.8	4215.0	4933.1	5711.2	6543.4	7424.4	8327.2	9281.6	10287.3	11291.2	12316.4
5°	3593.9	4261.6	4994.7	5776.5	6623.3	7509.8	8420.3	9383.6	10410.8	11420.6	12464.2
2.5°	3615.6	4291.9	5036.6	5818.9	6686.1	7573.7	8503.1	9473.7	10501.3	11523.3	12575.3
0°	3622.9	4305.5	5058.1	5837.0	6720.8	7604.7	8549.8	9521.2	10545.0	11586.4	12645.3
-2.5°	3615.6	4291.9	5036.6	5818.9	6686.1	7573.7	8503.1	9473.7	10501.3	11523.3	12575.3
-5°	3593.9	4261.6	4994.7	5776.5	6623.3	7509.8	8420.3	9383.6	10410.8	11420.6	12464.2
-7.5°	3557.8	4215.0	4933.1	5711.2	6543.4	7424.4	8327.2	9281.6	10287.3	11291.2	12316.4
-10°	3508.1	4157.3	4866.0	5633.2	6451.6	7315.2	8204.3	9138.4	10118.5	11109.4	12112.6
-12.5°	3449.8	4088.2	4781.5	5532.1	6332.4	7175.6	8046.4	8954.9	9906.6	10876.3	11858.9
-15°	3378.0	4003.4	4677.1	5408.5	6186.4	7006.8	7854.7	8732.4	9659.0	10602.3	11557.2
-17.5°	3293.1	3903.3	4553.0	5263.0	6014.4	6810.0	7631.6	8485.0	9388.3	10294.3	11212.8
-20°	3195.6	3788.3	4409.8	5096.4	5819.8	6593.5	7391.2	8217.4	9082.3	9956.3	10823.2



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3085.8	3658.8	4255.9	4918.0	5615.9	6356.6	7124.4	7913.5	8737.7	9589.1	10394.9
-25°	2971.7	3522.9	4097.8	4721.3	5388.2	6093.5	6830.9	7578.1	8366.9	9159.6	9938.4
-27.5°	2854.7	3375.0	3927.1	4507.7	5137.0	5810.2	6518.0	7234.1	7953.4	8694.1	9439.9
-30°	2727.6	3218.7	3743.2	4285.8	4882.1	5515.8	6182.2	6850.7	7517.8	8214.5	8913.7
-32.5°	2593.1	3054.1	3556.0	4071.1	4616.3	5197.8	5817.9	6449.0	7079.6	7712.8	8368.8
-35°	2458.8	2897.1	3362.7	3844.0	4338.8	4881.0	5447.2	6029.5	6621.7	7214.6	7814.0
-37.5°	2328.4	2730.6	3160.4	3613.8	4080.3	4557.0	5063.5	5609.1	6155.6	6703.8	7261.0
-40°	2189.1	2555.0	2963.9	3385.1	3800.8	4234.6	4701.0	5181.7	5685.5	6195.0	6700.3
-42.5°	2044.1	2392.4	2763.3	3145.5	3528.7	3920.0	4328.1	4771.9	5217.3	5680.6	6145.9
-45°	1913.4	2221.4	2557.8	2911.9	3256.3	3606.5	3977.7	4357.5	4765.1	5166.8	5590.3
-47.5°	1775.3	2049.3	2361.6	2674.7	2993.2	3309.5	3626.9	3970.6	4318.1	4683.4	5035.4
-50°	1639.0	1890.0	2154.4	2446.3	2737.8	3022.0	3306.9	3591.3	3897.2	4212.2	4530.3
-52.5°	1522.3	1723.6	1964.8	2215.9	2485.7	2751.0	2999.4	3246.3	3501.6	3758.4	4039.2
-55°	1401.3	1581.6	1774.3	1998.6	2232.1	2479.4	2705.5	2922.2	3133.4	3360.3	3576.0
-57.5°	1291.4	1441.0	1603.0	1785.8	1993.0	2202.0	2411.9	2606.1	2797.8	2984.8	3163.9
-60°	1187.5	1306.4	1441.4	1593.7	1757.6	1943.6	2122.2	2302.7	2472.1	2625.5	2783.9
-62.5°	1080.7	1178.9	1285.6	1409.8	1550.2	1690.2	1847.0	2005.8	2160.2	2295.7	2421.0
-65°	964.9	1046.5	1134.3	1234.0	1344.1	1462.3	1585.3	1712.1	1849.3	1964.3	2069.1
-67.5°	843.6	913.2	983.4	1056.8	1145.9	1239.0	1331.1	1436.9	1545.0	1640.8	1726.4
-70°	703.9	776.1	835.7	893.9	953.4	1022.9	1100.9	1177.6	1256.5	1342.7	1425.7
-72.5°	561.2	626.8	683.7	732.0	775.7	822.2	874.1	931.0	1001.8	1079.9	1151.1
-75°	427.5	478.9	530.0	574.5	605.6	628.7	650.3	684.9	751.9	830.2	898.3
-77.5°	300.8	347.7	388.4	423.1	441.8	458.3	471.7	482.1	533.3	600.4	666.9
-80°	189.6	217.4	254.4	287.1	301.3	308.7	312.1	311.5	351.3	404.4	460.2
-82.5°	106.5	128.4	149.4	169.3	174.4	174.6	172.8	173.4	204.9	240.9	277.9
-85°	34.2	39.3	54.6	69.3	76.4	80.8	82.7	82.4	95.8	111.4	128.2
-87.5°	17.2	19.7	22.3	25.1	25.3	25.3	25.1	24.8	25.8	26.8	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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	32.1	30.2
85°	146.2	156.5	166.2	175.4	184.2	192.5	200.3	207.6	214.3	195.8	175.2
82.5°	315.7	341.0	365.1	389.1	412.8	418.9	420.7	419.9	416.6	383.9	347.8
80°	515.3	558.2	598.6	638.8	678.3	682.8	678.3	670.1	658.5	615.7	567.2
77.5°	733.2	787.2	834.5	877.8	917.2	924.6	923.5	921.5	918.3	874.6	821.8
75°	956.6	1009.4	1060.3	1103.6	1139.8	1156.4	1164.5	1170.2	1173.4	1142.1	1101.0
72.5°	1215.5	1270.5	1315.5	1357.5	1393.1	1418.8	1437.3	1451.3	1460.8	1451.3	1434.5
70°	1496.5	1555.5	1605.1	1652.6	1700.8	1739.6	1768.8	1790.0	1803.5	1812.3	1818.5
67.5°	1813.0	1892.1	1961.2	2020.1	2078.5	2133.2	2178.2	2214.9	2243.3	2267.4	2285.9
65°	2169.5	2270.7	2360.3	2442.7	2518.2	2597.6	2662.7	2717.4	2761.3	2797.7	2826.9
62.5°	2544.3	2668.3	2783.4	2895.1	3004.6	3112.4	3195.2	3270.5	3337.5	3395.2	3441.0
60°	2933.7	3074.6	3229.2	3376.6	3512.4	3636.4	3759.6	3866.3	3957.6	4033.3	4094.4
57.5°	3352.4	3534.8	3715.4	3898.7	4071.8	4233.8	4385.4	4519.2	4632.3	4725.0	4802.9
55°	3804.6	4032.8	4242.3	4473.5	4696.7	4900.1	5079.0	5236.3	5372.4	5486.3	5583.1
52.5°	4301.8	4579.1	4851.3	5114.2	5367.7	5603.6	5817.9	6001.1	6164.0	6303.7	6415.2
50°	4845.9	5163.1	5478.6	5771.1	6062.4	6334.2	6579.8	6792.4	6982.0	7146.2	7275.3
47.5°	5414.9	5776.0	6128.3	6463.1	6785.5	7087.6	7353.6	7595.9	7832.3	8025.1	8177.6
45°	6005.8	6410.9	6799.5	7182.3	7537.3	7875.8	8204.0	8505.7	8748.4	8960.8	9139.2
42.5°	6603.8	7055.7	7490.8	7908.5	8298.8	8690.4	9059.5	9389.4	9666.0	9907.6	10110.3
40°	7209.6	7704.3	8183.8	8639.1	9085.4	9512.3	9911.6	10259.4	10571.4	10858.3	11097.3
37.5°	7812.4	8356.6	8887.8	9398.0	9889.4	10351.8	10783.2	11176.3	11528.4	11855.1	12120.5
35°	8417.8	9015.0	9596.5	10157.8	10694.6	11204.9	11677.2	12124.5	12539.5	12870.4	13141.9
32.5°	9020.9	9662.9	10295.8	10913.8	11501.2	12051.4	12563.2	13057.4	13484.3	13848.0	14160.2
30°	9604.6	10300.0	10989.1	11659.3	12293.8	12890.0	13456.6	13979.3	14438.3	14836.1	15186.2
27.5°	10177.3	10924.4	11663.8	12379.6	13065.7	13713.6	14332.0	14898.7	15399.7	15832.1	16201.2
25°	10718.5	11521.5	12309.7	13068.7	13801.6	14516.2	15183.9	15802.3	16337.4	16812.1	17191.4
22.5°	11235.6	12092.0	12920.2	13718.6	14502.6	15272.8	16003.8	16649.6	17216.7	17712.9	18132.7
20°	11717.4	12635.0	13482.4	14326.8	15152.6	15975.0	16759.8	17441.2	18041.3	18569.6	19032.3
17.5°	12167.7	13109.0	14001.2	14900.2	15770.5	16633.3	17430.6	18161.0	18808.4	19369.4	19854.0
15°	12549.0	13499.6	14473.9	15433.8	16351.5	17225.2	18021.8	18784.6	19503.5	20110.2	20601.6
12.5°	12857.6	13846.3	14862.7	15881.7	16852.3	17724.8	18558.8	19332.7	20087.7	20769.1	21220.9
10°	13120.8	14138.7	15188.1	16227.2	17210.8	18134.1	19040.8	19859.0	20600.9	21211.1	21715.5
7.5°	13348.3	14396.9	15462.6	16503.4	17483.7	18437.7	19371.1	20240.0	20989.0	21563.9	22013.9
5°	13516.0	14589.5	15675.8	16726.3	17720.3	18677.3	19615.0	20473.0	21204.1	21789.1	22279.8
2.5°	13636.0	14719.6	15813.7	16865.7	17881.7	18841.1	19802.2	20669.9	21377.9	21913.8	22383.6
0°	13712.9	14798.1	15900.7	16977.1	17974.7	18902.3	19934.9	20748.8	21483.9	22017.7	22507.8
-2.5°	13636.0	14719.6	15813.7	16865.7	17881.7	18841.1	19802.2	20669.9	21377.9	21913.8	22383.6
-5°	13516.0	14589.5	15675.8	16726.3	17720.3	18677.3	19615.0	20473.0	21204.1	21789.1	22279.8
-7.5°	13348.3	14396.9	15462.6	16503.4	17483.7	18437.7	19371.1	20240.0	20989.0	21563.9	22013.9
-10°	13120.8	14138.7	15188.1	16227.2	17210.8	18134.1	19040.8	19859.0	20600.9	21211.1	21715.5
-12.5°	12857.6	13846.3	14862.7	15881.7	16852.3	17724.8	18558.8	19332.7	20087.7	20769.1	21220.9
-15°	12549.0	13499.6	14473.9	15433.8	16351.5	17225.2	18021.8	18784.6	19503.5	20110.2	20601.6
-17.5°	12167.7	13109.0	14001.2	14900.2	15770.5	16633.3	17430.6	18161.0	18808.4	19369.4	19854.0
-20°	11717.4	12635.0	13482.4	14326.8	15152.6	15975.0	16759.8	17441.2	18041.3	18569.6	19032.3



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11235.6	12092.0	12920.2	13718.6	14502.6	15272.8	16003.8	16649.6	17216.7	17712.9	18132.7
-25°	10718.5	11521.5	12309.7	13068.7	13801.6	14516.2	15183.9	15802.3	16337.4	16812.1	17191.4
-27.5°	10177.3	10924.4	11663.8	12379.6	13065.7	13713.6	14332.0	14898.7	15399.7	15832.1	16201.2
-30°	9604.6	10300.0	10989.1	11659.3	12293.8	12890.0	13456.6	13979.3	14438.3	14836.1	15186.2
-32.5°	9020.9	9662.9	10295.8	10913.8	11501.2	12051.4	12563.2	13057.4	13484.3	13848.0	14160.2
-35°	8417.8	9015.0	9596.5	10157.8	10694.6	11204.9	11677.2	12124.5	12539.5	12870.4	13141.9
-37.5°	7812.4	8356.6	8887.8	9398.0	9889.4	10351.8	10783.2	11176.3	11528.4	11855.1	12120.5
-40°	7209.6	7704.3	8183.8	8639.1	9085.4	9512.3	9911.6	10259.4	10571.4	10858.3	11097.3
-42.5°	6603.8	7055.7	7490.8	7908.5	8298.8	8690.4	9059.5	9389.4	9666.0	9907.6	10110.3
-45°	6005.8	6410.9	6799.5	7182.3	7537.3	7875.8	8204.0	8505.7	8748.4	8960.8	9139.2
-47.5°	5414.9	5776.0	6128.3	6463.1	6785.5	7087.6	7353.6	7595.9	7832.3	8025.1	8177.6
-50°	4845.9	5163.1	5478.6	5771.1	6062.4	6334.2	6579.8	6792.4	6982.0	7146.2	7275.3
-52.5°	4301.8	4579.1	4851.3	5114.2	5367.7	5603.6	5817.9	6001.1	6164.0	6303.7	6415.2
-55°	3804.6	4032.8	4242.3	4473.5	4696.7	4900.1	5079.0	5236.3	5372.4	5486.3	5583.1
-57.5°	3352.4	3534.8	3715.4	3898.7	4071.8	4233.8	4385.4	4519.2	4632.3	4725.0	4802.9
-60°	2933.7	3074.6	3229.2	3376.6	3512.4	3636.4	3759.6	3866.3	3957.6	4033.3	4094.4
-62.5°	2544.3	2668.3	2783.4	2895.1	3004.6	3112.4	3195.2	3270.5	3337.5	3395.2	3441.0
-65°	2169.5	2270.7	2360.3	2442.7	2518.2	2597.6	2662.7	2717.4	2761.3	2797.7	2826.9
-67.5°	1813.0	1892.1	1961.2	2020.1	2078.5	2133.2	2178.2	2214.9	2243.3	2267.4	2285.9
-70°	1496.5	1555.5	1605.1	1652.6	1700.8	1739.6	1768.8	1790.0	1803.5	1812.3	1818.5
-72.5°	1215.5	1270.5	1315.5	1357.5	1393.1	1418.8	1437.3	1451.3	1460.8	1451.3	1434.5
-75°	956.6	1009.4	1060.3	1103.6	1139.8	1156.4	1164.5	1170.2	1173.4	1142.1	1101.0
-77.5°	733.2	787.2	834.5	877.8	917.2	924.6	923.5	921.5	918.3	874.6	821.8
-80°	515.3	558.2	598.6	638.8	678.3	682.8	678.3	670.1	658.5	615.7	567.2
-82.5°	315.7	341.0	365.1	389.1	412.8	418.9	420.7	419.9	416.6	383.9	347.8
-85°	146.2	156.5	166.2	175.4	184.2	192.5	200.3	207.6	214.3	195.8	175.2
-87.5°	28.7	29.5	30.3	31.0	31.7	32.3	32.9	33.4	33.8	32.1	30.2
-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	28.2	26.2	26.3	26.3	26.3	26.2	28.2	30.2	32.1	33.8	33.4
85°	153.4	130.7	122.4	113.8	122.4	130.7	153.4	175.2	195.8	214.3	207.6
82.5°	309.9	270.4	257.9	245.0	257.9	270.4	309.9	347.8	383.9	416.6	419.9
80°	516.1	462.6	441.6	420.1	441.6	462.6	516.1	567.2	615.7	658.5	670.1
77.5°	765.9	707.1	682.0	656.3	682.0	707.1	765.9	821.8	874.6	918.3	921.5
75°	1057.6	1011.6	983.8	953.9	983.8	1011.6	1057.6	1101.0	1142.1	1173.4	1170.2
72.5°	1415.3	1392.8	1372.5	1347.7	1372.5	1392.8	1415.3	1434.5	1451.3	1460.8	1451.3
70°	1820.5	1817.7	1821.3	1820.2	1821.3	1817.7	1820.5	1818.5	1812.3	1803.5	1790.0
67.5°	2295.5	2296.1	2305.9	2310.3	2305.9	2296.1	2295.5	2285.9	2267.4	2243.3	2214.9
65°	2844.9	2851.7	2849.1	2835.3	2849.1	2851.7	2844.9	2826.9	2797.7	2761.3	2717.4
62.5°	3473.6	3492.4	3502.8	3500.4	3502.8	3492.4	3473.6	3441.0	3395.2	3337.5	3270.5
60°	4140.0	4169.6	4184.5	4183.0	4184.5	4169.6	4140.0	4094.4	4033.3	3957.6	3866.3
57.5°	4860.9	4898.8	4907.7	4891.8	4907.7	4898.8	4860.9	4802.9	4725.0	4632.3	4519.2
55°	5656.0	5704.6	5723.3	5714.4	5723.3	5704.6	5656.0	5583.1	5486.3	5372.4	5236.3
52.5°	6496.9	6549.3	6568.0	6554.6	6568.0	6549.3	6496.9	6415.2	6303.7	6164.0	6001.1
50°	7370.1	7433.7	7459.4	7447.2	7459.4	7433.7	7370.1	7275.3	7146.2	6982.0	6792.4
47.5°	8297.1	8381.7	8414.7	8392.3	8414.7	8381.7	8297.1	8177.6	8025.1	7832.3	7595.9
45°	9272.5	9360.3	9394.3	9372.4	9394.3	9360.3	9272.5	9139.2	8960.8	8748.4	8505.7
42.5°	10265.3	10379.4	10427.6	10387.5	10427.6	10379.4	10265.3	10110.3	9907.6	9666.0	9389.4
40°	11275.7	11399.5	11456.6	11428.9	11456.6	11399.5	11275.7	11097.3	10858.3	10571.4	10259.4
37.5°	12312.0	12435.2	12495.7	12496.5	12495.7	12435.2	12312.0	12120.5	11855.1	11528.4	11176.3
35°	13352.2	13501.3	13585.7	13581.7	13585.7	13501.3	13352.2	13141.9	12870.4	12539.5	12124.5
32.5°	14406.9	14568.4	14654.6	14666.8	14654.6	14568.4	14406.9	14160.2	13848.0	13484.3	13057.4
30°	15459.8	15637.4	15737.3	15778.2	15737.3	15637.4	15459.8	15186.2	14836.1	14438.3	13979.3
27.5°	16480.9	16699.4	16850.2	16863.3	16850.2	16699.4	16480.9	16201.2	15832.1	15399.7	14898.7
25°	17469.8	17692.3	17846.9	17878.4	17846.9	17692.3	17469.8	17191.4	16812.1	16337.4	15802.3
22.5°	18444.6	18677.1	18819.8	18876.1	18819.8	18677.1	18444.6	18132.7	17712.9	17216.7	16649.6
20°	19375.0	19627.1	19778.4	19838.7	19778.4	19627.1	19375.0	19032.3	18569.6	18041.3	17441.2
17.5°	20216.7	20483.1	20670.0	20722.5	20670.0	20483.1	20216.7	19854.0	19369.4	18808.4	18161.0
15°	20957.6	21210.1	21387.6	21457.6	21387.6	21210.1	20957.6	20601.6	20110.2	19503.5	18784.6
12.5°	21560.5	21786.4	21925.5	21991.4	21925.5	21786.4	21560.5	21220.9	20769.1	20087.7	19332.7
10°	22031.6	22258.2	22390.9	22481.5	22390.9	22258.2	22031.6	21715.5	21211.1	20600.9	19859.0
7.5°	22440.4	22672.7	22835.1	22962.8	22835.1	22672.7	22440.4	22013.9	21563.9	20989.0	20240.0
5°	22666.1	23053.9	23112.3	23199.1	23112.3	23053.9	22666.1	22279.8	21789.1	21204.1	20473.0
2.5°	22838.3	23113.3	23278.5	23260.3	23278.5	23113.3	22838.3	22383.6	21913.8	21377.9	20669.9
0°	22962.8	23207.8	23269.1	23347.9	23269.1	23207.8	22962.8	22507.8	22017.7	21483.9	20748.8
-2.5°	22838.3	23113.3	23278.5	23260.3	23278.5	23113.3	22838.3	22383.6	21913.8	21377.9	20669.9
-5°	22666.1	23053.9	23112.3	23199.1	23112.3	23053.9	22666.1	22279.8	21789.1	21204.1	20473.0
-7.5°	22440.4	22672.7	22835.1	22962.8	22835.1	22672.7	22440.4	22013.9	21563.9	20989.0	20240.0
-10°	22031.6	22258.2	22390.9	22481.5	22390.9	22258.2	22031.6	21715.5	21211.1	20600.9	19859.0
-12.5°	21560.5	21786.4	21925.5	21991.4	21925.5	21786.4	21560.5	21220.9	20769.1	20087.7	19332.7
-15°	20957.6	21210.1	21387.6	21457.6	21387.6	21210.1	20957.6	20601.6	20110.2	19503.5	18784.6
-17.5°	20216.7	20483.1	20670.0	20722.5	20670.0	20483.1	20216.7	19854.0	19369.4	18808.4	18161.0
-20°	19375.0	19627.1	19778.4	19838.7	19778.4	19627.1	19375.0	19032.3	18569.6	18041.3	17441.2



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18444.6	18677.1	18819.8	18876.1	18819.8	18677.1	18444.6	18132.7	17712.9	17216.7	16649.6
-25°	17469.8	17692.3	17846.9	17878.4	17846.9	17692.3	17469.8	17191.4	16812.1	16337.4	15802.3
-27.5°	16480.9	16699.4	16850.2	16863.3	16850.2	16699.4	16480.9	16201.2	15832.1	15399.7	14898.7
-30°	15459.8	15637.4	15737.3	15778.2	15737.3	15637.4	15459.8	15186.2	14836.1	14438.3	13979.3
-32.5°	14406.9	14568.4	14654.6	14666.8	14654.6	14568.4	14406.9	14160.2	13848.0	13484.3	13057.4
-35°	13352.2	13501.3	13585.7	13581.7	13585.7	13501.3	13352.2	13141.9	12870.4	12539.5	12124.5
-37.5°	12312.0	12435.2	12495.7	12496.5	12495.7	12435.2	12312.0	12120.5	11855.1	11528.4	11176.3
-40°	11275.7	11399.5	11456.6	11428.9	11456.6	11399.5	11275.7	11097.3	10858.3	10571.4	10259.4
-42.5°	10265.3	10379.4	10427.6	10387.5	10427.6	10379.4	10265.3	10110.3	9907.6	9666.0	9389.4
-45°	9272.5	9360.3	9394.3	9372.4	9394.3	9360.3	9272.5	9139.2	8960.8	8748.4	8505.7
-47.5°	8297.1	8381.7	8414.7	8392.3	8414.7	8381.7	8297.1	8177.6	8025.1	7832.3	7595.9
-50°	7370.1	7433.7	7459.4	7447.2	7459.4	7433.7	7370.1	7275.3	7146.2	6982.0	6792.4
-52.5°	6496.9	6549.3	6568.0	6554.6	6568.0	6549.3	6496.9	6415.2	6303.7	6164.0	6001.1
-55°	5656.0	5704.6	5723.3	5714.4	5723.3	5704.6	5656.0	5583.1	5486.3	5372.4	5236.3
-57.5°	4860.9	4898.8	4907.7	4891.8	4907.7	4898.8	4860.9	4802.9	4725.0	4632.3	4519.2
-60°	4140.0	4169.6	4184.5	4183.0	4184.5	4169.6	4140.0	4094.4	4033.3	3957.6	3866.3
-62.5°	3473.6	3492.4	3502.8	3500.4	3502.8	3492.4	3473.6	3441.0	3395.2	3337.5	3270.5
-65°	2844.9	2851.7	2849.1	2835.3	2849.1	2851.7	2844.9	2826.9	2797.7	2761.3	2717.4
-67.5°	2295.5	2296.1	2305.9	2310.3	2305.9	2296.1	2295.5	2285.9	2267.4	2243.3	2214.9
-70°	1820.5	1817.7	1821.3	1820.2	1821.3	1817.7	1820.5	1818.5	1812.3	1803.5	1790.0
-72.5°	1415.3	1392.8	1372.5	1347.7	1372.5	1392.8	1415.3	1434.5	1451.3	1460.8	1451.3
-75°	1057.6	1011.6	983.8	953.9	983.8	1011.6	1057.6	1101.0	1142.1	1173.4	1170.2
-77.5°	765.9	707.1	682.0	656.3	682.0	707.1	765.9	821.8	874.6	918.3	921.5
-80°	516.1	462.6	441.6	420.1	441.6	462.6	516.1	567.2	615.7	658.5	670.1
-82.5°	309.9	270.4	257.9	245.0	257.9	270.4	309.9	347.8	383.9	416.6	419.9
-85°	153.4	130.7	122.4	113.8	122.4	130.7	153.4	175.2	195.8	214.3	207.6
-87.5°	28.2	26.2	26.3	26.3	26.3	26.2	28.2	30.2	32.1	33.8	33.4
-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.8
85°	200.3	192.5	184.2	175.4	166.2	156.5	146.2	128.2	111.4	95.8	82.4
82.5°	420.7	418.9	412.8	389.1	365.1	341.0	315.7	277.9	240.9	204.9	173.4
80°	678.3	682.8	678.3	638.8	598.6	558.2	515.3	460.2	404.4	351.3	311.5
77.5°	923.5	924.6	917.2	877.8	834.5	787.2	733.2	666.9	600.4	533.3	482.1
75°	1164.5	1156.4	1139.8	1103.6	1060.3	1009.4	956.6	898.3	830.2	751.9	684.9
72.5°	1437.3	1418.8	1393.1	1357.5	1315.5	1270.5	1215.5	1151.1	1079.9	1001.8	931.0
70°	1768.8	1739.6	1700.8	1652.6	1605.1	1555.5	1496.5	1425.7	1342.7	1256.5	1177.6
67.5°	2178.2	2133.2	2078.5	2020.1	1961.2	1892.1	1813.0	1726.4	1640.8	1545.0	1436.9
65°	2662.7	2597.6	2518.2	2442.7	2360.3	2270.7	2169.5	2069.1	1964.3	1849.3	1712.1
62.5°	3195.2	3112.4	3004.6	2895.1	2783.4	2668.3	2544.3	2421.0	2295.7	2160.2	2005.8
60°	3759.6	3636.4	3512.4	3376.6	3229.2	3074.6	2933.7	2783.9	2625.5	2472.1	2302.7
57.5°	4385.4	4233.8	4071.8	3898.7	3715.4	3534.8	3352.4	3163.9	2984.8	2797.8	2606.1
55°	5079.0	4900.1	4696.7	4473.5	4242.3	4032.8	3804.6	3576.0	3360.3	3133.4	2922.2
52.5°	5817.9	5603.6	5367.7	5114.2	4851.3	4579.1	4301.8	4039.2	3758.4	3501.6	3246.3
50°	6579.8	6334.2	6062.4	5771.1	5478.6	5163.1	4845.9	4530.3	4212.2	3897.2	3591.3
47.5°	7353.6	7087.6	6785.5	6463.1	6128.3	5776.0	5414.9	5035.4	4683.4	4318.1	3970.6
45°	8204.0	7875.8	7537.3	7182.3	6799.5	6410.9	6005.8	5590.3	5166.8	4765.1	4357.5
42.5°	9059.5	8690.4	8298.8	7908.5	7490.8	7055.7	6603.8	6145.9	5680.6	5217.3	4771.9
40°	9911.6	9512.3	9085.4	8639.1	8183.8	7704.3	7209.6	6700.3	6195.0	5685.5	5181.7
37.5°	10783.2	10351.8	9889.4	9398.0	8887.8	8356.6	7812.4	7261.0	6703.8	6155.6	5609.1
35°	11677.2	11204.9	10694.6	10157.8	9596.5	9015.0	8417.8	7814.0	7214.6	6621.7	6029.5
32.5°	12563.2	12051.4	11501.2	10913.8	10295.8	9662.9	9020.9	8368.8	7712.8	7079.6	6449.0
30°	13456.6	12890.0	12293.8	11659.3	10989.1	10300.0	9604.6	8913.7	8214.5	7517.8	6850.7
27.5°	14332.0	13713.6	13065.7	12379.6	11663.8	10924.4	10177.3	9439.9	8694.1	7953.4	7234.1
25°	15183.9	14516.2	13801.6	13068.7	12309.7	11521.5	10718.5	9938.4	9159.6	8366.9	7578.1
22.5°	16003.8	15272.8	14502.6	13718.6	12920.2	12092.0	11235.6	10394.9	9589.1	8737.7	7913.5
20°	16759.8	15975.0	15152.6	14326.8	13482.4	12635.0	11717.4	10823.2	9956.3	9082.3	8217.4
17.5°	17430.6	16633.3	15770.5	14900.2	14001.2	13109.0	12167.7	11212.8	10294.3	9388.3	8485.0
15°	18021.8	17225.2	16351.5	15433.8	14473.9	13499.6	12549.0	11557.2	10602.3	9659.0	8732.4
12.5°	18558.8	17724.8	16852.3	15881.7	14862.7	13846.3	12857.6	11858.9	10876.3	9906.6	8954.9
10°	19040.8	18134.1	17210.8	16227.2	15188.1	14138.7	13120.8	12112.6	11109.4	10118.5	9138.4
7.5°	19371.1	18437.7	17483.7	16503.4	15462.6	14396.9	13348.3	12316.4	11291.2	10287.3	9281.6
5°	19615.0	18677.3	17720.3	16726.3	15675.8	14589.5	13516.0	12464.2	11420.6	10410.8	9383.6
2.5°	19802.2	18841.1	17881.7	16865.7	15813.7	14719.6	13636.0	12575.3	11523.3	10501.3	9473.7
0°	19934.9	18902.3	17974.7	16977.1	15900.7	14798.1	13712.9	12645.3	11586.4	10545.0	9521.2
-2.5°	19802.2	18841.1	17881.7	16865.7	15813.7	14719.6	13636.0	12575.3	11523.3	10501.3	9473.7
-5°	19615.0	18677.3	17720.3	16726.3	15675.8	14589.5	13516.0	12464.2	11420.6	10410.8	9383.6
-7.5°	19371.1	18437.7	17483.7	16503.4	15462.6	14396.9	13348.3	12316.4	11291.2	10287.3	9281.6
-10°	19040.8	18134.1	17210.8	16227.2	15188.1	14138.7	13120.8	12112.6	11109.4	10118.5	9138.4
-12.5°	18558.8	17724.8	16852.3	15881.7	14862.7	13846.3	12857.6	11858.9	10876.3	9906.6	8954.9
-15°	18021.8	17225.2	16351.5	15433.8	14473.9	13499.6	12549.0	11557.2	10602.3	9659.0	8732.4
-17.5°	17430.6	16633.3	15770.5	14900.2	14001.2	13109.0	12167.7	11212.8	10294.3	9388.3	8485.0
-20°	16759.8	15975.0	15152.6	14326.8	13482.4	12635.0	11717.4	10823.2	9956.3	9082.3	8217.4



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16003.8	15272.8	14502.6	13718.6	12920.2	12092.0	11235.6	10394.9	9589.1	8737.7	7913.5
-25°	15183.9	14516.2	13801.6	13068.7	12309.7	11521.5	10718.5	9938.4	9159.6	8366.9	7578.1
-27.5°	14332.0	13713.6	13065.7	12379.6	11663.8	10924.4	10177.3	9439.9	8694.1	7953.4	7234.1
-30°	13456.6	12890.0	12293.8	11659.3	10989.1	10300.0	9604.6	8913.7	8214.5	7517.8	6850.7
-32.5°	12563.2	12051.4	11501.2	10913.8	10295.8	9662.9	9020.9	8368.8	7712.8	7079.6	6449.0
-35°	11677.2	11204.9	10694.6	10157.8	9596.5	9015.0	8417.8	7814.0	7214.6	6621.7	6029.5
-37.5°	10783.2	10351.8	9889.4	9398.0	8887.8	8356.6	7812.4	7261.0	6703.8	6155.6	5609.1
-40°	9911.6	9512.3	9085.4	8639.1	8183.8	7704.3	7209.6	6700.3	6195.0	5685.5	5181.7
-42.5°	9059.5	8690.4	8298.8	7908.5	7490.8	7055.7	6603.8	6145.9	5680.6	5217.3	4771.9
-45°	8204.0	7875.8	7537.3	7182.3	6799.5	6410.9	6005.8	5590.3	5166.8	4765.1	4357.5
-47.5°	7353.6	7087.6	6785.5	6463.1	6128.3	5776.0	5414.9	5035.4	4683.4	4318.1	3970.6
-50°	6579.8	6334.2	6062.4	5771.1	5478.6	5163.1	4845.9	4530.3	4212.2	3897.2	3591.3
-52.5°	5817.9	5603.6	5367.7	5114.2	4851.3	4579.1	4301.8	4039.2	3758.4	3501.6	3246.3
-55°	5079.0	4900.1	4696.7	4473.5	4242.3	4032.8	3804.6	3576.0	3360.3	3133.4	2922.2
-57.5°	4385.4	4233.8	4071.8	3898.7	3715.4	3534.8	3352.4	3163.9	2984.8	2797.8	2606.1
-60°	3759.6	3636.4	3512.4	3376.6	3229.2	3074.6	2933.7	2783.9	2625.5	2472.1	2302.7
-62.5°	3195.2	3112.4	3004.6	2895.1	2783.4	2668.3	2544.3	2421.0	2295.7	2160.2	2005.8
-65°	2662.7	2597.6	2518.2	2442.7	2360.3	2270.7	2169.5	2069.1	1964.3	1849.3	1712.1
-67.5°	2178.2	2133.2	2078.5	2020.1	1961.2	1892.1	1813.0	1726.4	1640.8	1545.0	1436.9
-70°	1768.8	1739.6	1700.8	1652.6	1605.1	1555.5	1496.5	1425.7	1342.7	1256.5	1177.6
-72.5°	1437.3	1418.8	1393.1	1357.5	1315.5	1270.5	1215.5	1151.1	1079.9	1001.8	931.0
-75°	1164.5	1156.4	1139.8	1103.6	1060.3	1009.4	956.6	898.3	830.2	751.9	684.9
-77.5°	923.5	924.6	917.2	877.8	834.5	787.2	733.2	666.9	600.4	533.3	482.1
-80°	678.3	682.8	678.3	638.8	598.6	558.2	515.3	460.2	404.4	351.3	311.5
-82.5°	420.7	418.9	412.8	389.1	365.1	341.0	315.7	277.9	240.9	204.9	173.4
-85°	200.3	192.5	184.2	175.4	166.2	156.5	146.2	128.2	111.4	95.8	82.4
-87.5°	32.9	32.3	31.7	31.0	30.3	29.5	28.7	27.8	26.8	25.8	24.8
-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	25.1	25.3	25.3	25.1	22.3	19.7	17.2	14.8	13.4	12.0	10.5
85°	82.7	80.8	76.4	69.3	54.6	39.3	34.2	29.6	26.8	23.9	21.0
82.5°	172.8	174.6	174.4	169.3	149.4	128.4	106.5	83.7	62.0	39.4	31.5
80°	312.1	308.7	301.3	287.1	254.4	217.4	189.6	160.8	132.6	103.2	72.6
77.5°	471.7	458.3	441.8	423.1	388.4	347.7	300.8	247.7	202.8	166.6	128.9
75°	650.3	628.7	605.6	574.5	530.0	478.9	427.5	365.6	296.8	232.0	184.9
72.5°	874.1	822.2	775.7	732.0	683.7	626.8	561.2	481.4	397.9	319.0	245.0
70°	1100.9	1022.9	953.4	893.9	835.7	776.1	703.9	605.7	497.1	404.2	317.1
67.5°	1331.1	1239.0	1145.9	1056.8	983.4	913.2	843.6	729.3	604.8	487.6	387.6
65°	1585.3	1462.3	1344.1	1234.0	1134.3	1046.5	964.9	845.0	709.4	577.5	456.1
62.5°	1847.0	1690.2	1550.2	1409.8	1285.6	1178.9	1080.7	948.5	809.3	664.5	527.6
60°	2122.2	1943.6	1757.6	1593.7	1441.4	1306.4	1187.5	1050.6	902.9	748.2	598.7
57.5°	2411.9	2202.0	1993.0	1785.8	1603.0	1441.0	1291.4	1147.4	994.8	830.8	664.9
55°	2705.5	2479.4	2232.1	1998.6	1774.3	1581.6	1401.3	1240.3	1083.6	912.0	722.0
52.5°	2999.4	2751.0	2485.7	2215.9	1964.8	1723.6	1522.3	1330.8	1165.3	991.3	781.5
50°	3306.9	3022.0	2737.8	2446.3	2154.4	1890.0	1639.0	1434.5	1244.6	1066.6	838.0
47.5°	3626.9	3309.5	2993.2	2674.7	2361.6	2049.3	1775.3	1536.1	1321.3	1134.8	890.5
45°	3977.7	3606.5	3256.3	2911.9	2557.8	2221.4	1913.4	1633.3	1408.2	1187.9	939.0
42.5°	4328.1	3920.0	3528.7	3145.5	2763.3	2392.4	2044.1	1747.8	1491.2	1238.7	983.5
40°	4701.0	4234.6	3800.8	3385.1	2963.9	2555.0	2189.1	1859.4	1569.1	1291.5	1025.6
37.5°	5063.5	4557.0	4080.3	3613.8	3160.4	2730.6	2328.4	1964.0	1642.9	1350.7	1065.6
35°	5447.2	4881.0	4338.8	3844.0	3362.7	2897.1	2458.8	2069.4	1728.0	1408.4	1103.3
32.5°	5817.9	5197.8	4616.3	4071.1	3556.0	3054.1	2593.1	2181.0	1809.7	1464.5	1138.5
30°	6182.2	5515.8	4882.1	4285.8	3743.2	3218.7	2727.6	2285.4	1887.9	1518.6	1173.7
27.5°	6518.0	5810.2	5137.0	4507.7	3927.1	3375.0	2854.7	2382.2	1962.1	1574.2	1214.7
25°	6830.9	6093.5	5388.2	4721.3	4097.8	3522.9	2971.7	2471.8	2037.5	1632.2	1252.7
22.5°	7124.4	6356.6	5615.9	4918.0	4255.9	3658.8	3085.8	2567.1	2109.0	1685.7	1287.5
20°	7391.2	6593.5	5819.8	5096.4	4409.8	3788.3	3195.6	2652.6	2172.8	1734.2	1318.9
17.5°	7631.6	6810.0	6014.4	5263.0	4553.0	3903.3	3293.1	2728.0	2228.9	1777.4	1346.4
15°	7854.7	7006.8	6186.4	5408.5	4677.1	4003.4	3378.0	2793.0	2276.9	1814.9	1372.7
12.5°	8046.4	7175.6	6332.4	5532.1	4781.5	4088.2	3449.8	2847.4	2316.8	1848.9	1397.5
10°	8204.3	7315.2	6451.6	5633.2	4866.0	4157.3	3508.1	2893.3	2354.2	1878.2	1416.5
7.5°	8327.2	7424.4	6543.4	5711.2	4933.1	4215.0	3557.8	2932.9	2384.4	1900.8	1429.8
5°	8420.3	7509.8	6623.3	5776.5	4994.7	4261.6	3593.9	2961.3	2406.2	1916.3	1437.4
2.5°	8503.1	7573.7	6686.1	5818.9	5036.6	4291.9	3615.6	2978.4	2419.5	1924.5	1439.2
0°	8549.8	7604.7	6720.8	5837.0	5058.1	4305.5	3622.9	2984.1	2424.0	1925.2	1435.2
-2.5°	8503.1	7573.7	6686.1	5818.9	5036.6	4291.9	3615.6	2978.4	2419.5	1924.5	1439.2
-5°	8420.3	7509.8	6623.3	5776.5	4994.7	4261.6	3593.9	2961.3	2406.2	1916.3	1437.4
-7.5°	8327.2	7424.4	6543.4	5711.2	4933.1	4215.0	3557.8	2932.9	2384.4	1900.8	1429.8
-10°	8204.3	7315.2	6451.6	5633.2	4866.0	4157.3	3508.1	2893.3	2354.2	1878.2	1416.5
-12.5°	8046.4	7175.6	6332.4	5532.1	4781.5	4088.2	3449.8	2847.4	2316.8	1848.9	1397.5
-15°	7854.7	7006.8	6186.4	5408.5	4677.1	4003.4	3378.0	2793.0	2276.9	1814.9	1372.7
-17.5°	7631.6	6810.0	6014.4	5263.0	4553.0	3903.3	3293.1	2728.0	2228.9	1777.4	1346.4
-20°	7391.2	6593.5	5819.8	5096.4	4409.8	3788.3	3195.6	2652.6	2172.8	1734.2	1318.9



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	7124.4	6356.6	5615.9	4918.0	4255.9	3658.8	3085.8	2567.1	2109.0	1685.7	1287.5
-25°	6830.9	6093.5	5388.2	4721.3	4097.8	3522.9	2971.7	2471.8	2037.5	1632.2	1252.7
-27.5°	6518.0	5810.2	5137.0	4507.7	3927.1	3375.0	2854.7	2382.2	1962.1	1574.2	1214.7
-30°	6182.2	5515.8	4882.1	4285.8	3743.2	3218.7	2727.6	2285.4	1887.9	1518.6	1173.7
-32.5°	5817.9	5197.8	4616.3	4071.1	3556.0	3054.1	2593.1	2181.0	1809.7	1464.5	1138.5
-35°	5447.2	4881.0	4338.8	3844.0	3362.7	2897.1	2458.8	2069.4	1728.0	1408.4	1103.3
-37.5°	5063.5	4557.0	4080.3	3613.8	3160.4	2730.6	2328.4	1964.0	1642.9	1350.7	1065.6
-40°	4701.0	4234.6	3800.8	3385.1	2963.9	2555.0	2189.1	1859.4	1569.1	1291.5	1025.6
-42.5°	4328.1	3920.0	3528.7	3145.5	2763.3	2392.4	2044.1	1747.8	1491.2	1238.7	983.5
-45°	3977.7	3606.5	3256.3	2911.9	2557.8	2221.4	1913.4	1633.3	1408.2	1187.9	939.0
-47.5°	3626.9	3309.5	2993.2	2674.7	2361.6	2049.3	1775.3	1536.1	1321.3	1134.8	890.5
-50°	3306.9	3022.0	2737.8	2446.3	2154.4	1890.0	1639.0	1434.5	1244.6	1066.6	838.0
-52.5°	2999.4	2751.0	2485.7	2215.9	1964.8	1723.6	1522.3	1330.8	1165.3	991.3	781.5
-55°	2705.5	2479.4	2232.1	1998.6	1774.3	1581.6	1401.3	1240.3	1083.6	912.0	722.0
-57.5°	2411.9	2202.0	1993.0	1785.8	1603.0	1441.0	1291.4	1147.4	994.8	830.8	664.9
-60°	2122.2	1943.6	1757.6	1593.7	1441.4	1306.4	1187.5	1050.6	902.9	748.2	598.7
-62.5°	1847.0	1690.2	1550.2	1409.8	1285.6	1178.9	1080.7	948.5	809.3	664.5	527.6
-65°	1585.3	1462.3	1344.1	1234.0	1134.3	1046.5	964.9	845.0	709.4	577.5	456.1
-67.5°	1331.1	1239.0	1145.9	1056.8	983.4	913.2	843.6	729.3	604.8	487.6	387.6
-70°	1100.9	1022.9	953.4	893.9	835.7	776.1	703.9	605.7	497.1	404.2	317.1
-72.5°	874.1	822.2	775.7	732.0	683.7	626.8	561.2	481.4	397.9	319.0	245.0
-75°	650.3	628.7	605.6	574.5	530.0	478.9	427.5	365.6	296.8	232.0	184.9
-77.5°	471.7	458.3	441.8	423.1	388.4	347.7	300.8	247.7	202.8	166.6	128.9
-80°	312.1	308.7	301.3	287.1	254.4	217.4	189.6	160.8	132.6	103.2	72.6
-82.5°	172.8	174.6	174.4	169.3	149.4	128.4	106.5	83.7	62.0	39.4	31.5
-85°	82.7	80.8	76.4	69.3	54.6	39.3	34.2	29.6	26.8	23.9	21.0
-87.5°	25.1	25.3	25.3	25.1	22.3	19.7	17.2	14.8	13.4	12.0	10.5
-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: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-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°	9.1	7.6	6.1	4.6	3.0	1.3	0.0
85°	18.1	15.1	12.1	9.1	6.1	2.7	0.0
82.5°	27.1	22.7	18.2	13.7	9.1	4.0	0.0
80°	40.8	30.2	24.2	18.2	12.1	5.3	0.0
77.5°	88.8	47.3	30.2	22.7	15.0	6.6	0.0
75°	135.7	81.8	39.3	27.1	17.9	7.9	0.0
72.5°	181.2	115.3	62.6	31.5	20.8	9.2	0.0
70°	226.6	147.7	85.2	37.7	23.6	10.4	0.0
67.5°	281.1	178.7	106.9	51.7	26.3	11.6	0.0
65°	333.3	213.3	127.6	65.1	28.9	12.8	0.0
62.5°	382.8	251.4	147.3	77.9	31.4	13.9	0.0
60°	429.5	287.3	165.7	90.0	33.8	15.0	0.0
57.5°	478.6	321.1	190.3	101.4	40.6	16.1	0.0
55°	525.2	352.5	213.8	112.1	47.3	17.1	0.0
52.5°	568.2	382.3	235.5	121.9	53.7	18.1	0.0
50°	607.7	414.0	255.6	130.8	59.8	19.0	0.0
47.5°	644.7	442.9	273.9	140.2	65.6	19.9	0.0
45°	685.8	468.9	290.4	152.3	71.2	20.8	0.0
42.5°	723.6	492.1	305.0	163.3	76.5	21.6	0.0
40°	757.8	512.4	319.6	174.6	81.4	22.3	0.0
37.5°	788.4	529.7	334.1	185.7	86.0	23.0	0.0
35°	815.4	549.7	346.6	196.1	90.3	23.6	0.0
32.5°	840.5	569.7	357.0	205.6	94.3	24.2	0.0
30°	866.5	586.8	365.4	214.4	97.9	24.7	0.0
27.5°	889.8	600.9	377.9	222.3	101.2	25.1	0.0
25°	910.4	612.1	389.6	229.4	104.1	25.5	0.0
22.5°	928.0	623.4	400.0	235.6	106.6	25.8	0.0
20°	942.5	638.9	408.9	241.0	108.9	26.1	0.0
17.5°	960.7	651.6	416.3	245.6	110.7	26.3	0.0
15°	979.6	661.4	422.4	249.3	112.2	26.5	0.0
12.5°	995.0	668.5	427.0	252.1	113.3	26.6	0.0
10°	1006.7	673.0	430.1	254.1	114.1	26.6	0.0
7.5°	1014.6	674.7	431.9	255.3	114.6	26.6	0.0
5°	1018.8	674.0	432.2	255.6	114.7	26.6	0.0
2.5°	1018.9	670.7	431.2	255.1	114.4	26.5	0.0
0°	1015.1	665.1	428.8	253.8	113.8	26.3	0.0
-2.5°	1018.9	670.7	431.2	255.1	114.4	26.5	0.0
-5°	1018.8	674.0	432.2	255.6	114.7	26.6	0.0
-7.5°	1014.6	674.7	431.9	255.3	114.6	26.6	0.0
-10°	1006.7	673.0	430.1	254.1	114.1	26.6	0.0
-12.5°	995.0	668.5	427.0	252.1	113.3	26.6	0.0
-15°	979.6	661.4	422.4	249.3	112.2	26.5	0.0
-17.5°	960.7	651.6	416.3	245.6	110.7	26.3	0.0
-20°	942.5	638.9	408.9	241.0	108.9	26.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627931 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	928.0	623.4	400.0	235.6	106.6	25.8	0.0
-25°	910.4	612.1	389.6	229.4	104.1	25.5	0.0
-27.5°	889.8	600.9	377.9	222.3	101.2	25.1	0.0
-30°	866.5	586.8	365.4	214.4	97.9	24.7	0.0
-32.5°	840.5	569.7	357.0	205.6	94.3	24.2	0.0
-35°	815.4	549.7	346.6	196.1	90.3	23.6	0.0
-37.5°	788.4	529.7	334.1	185.7	86.0	23.0	0.0
-40°	757.8	512.4	319.6	174.6	81.4	22.3	0.0
-42.5°	723.6	492.1	305.0	163.3	76.5	21.6	0.0
-45°	685.8	468.9	290.4	152.3	71.2	20.8	0.0
-47.5°	644.7	442.9	273.9	140.2	65.6	19.9	0.0
-50°	607.7	414.0	255.6	130.8	59.8	19.0	0.0
-52.5°	568.2	382.3	235.5	121.9	53.7	18.1	0.0
-55°	525.2	352.5	213.8	112.1	47.3	17.1	0.0
-57.5°	478.6	321.1	190.3	101.4	40.6	16.1	0.0
-60°	429.5	287.3	165.7	90.0	33.8	15.0	0.0
-62.5°	382.8	251.4	147.3	77.9	31.4	13.9	0.0
-65°	333.3	213.3	127.6	65.1	28.9	12.8	0.0
-67.5°	281.1	178.7	106.9	51.7	26.3	11.6	0.0
-70°	226.6	147.7	85.2	37.7	23.6	10.4	0.0
-72.5°	181.2	115.3	62.6	31.5	20.8	9.2	0.0
-75°	135.7	81.8	39.3	27.1	17.9	7.9	0.0
-77.5°	88.8	47.3	30.2	22.7	15.0	6.6	0.0
-80°	40.8	30.2	24.2	18.2	12.1	5.3	0.0
-82.5°	27.1	22.7	18.2	13.7	9.1	4.0	0.0
-85°	18.1	15.1	12.1	9.1	6.1	2.7	0.0
-87.5°	9.1	7.6	6.1	4.6	3.0	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)