

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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628021 (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-SA6E-750-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N156
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

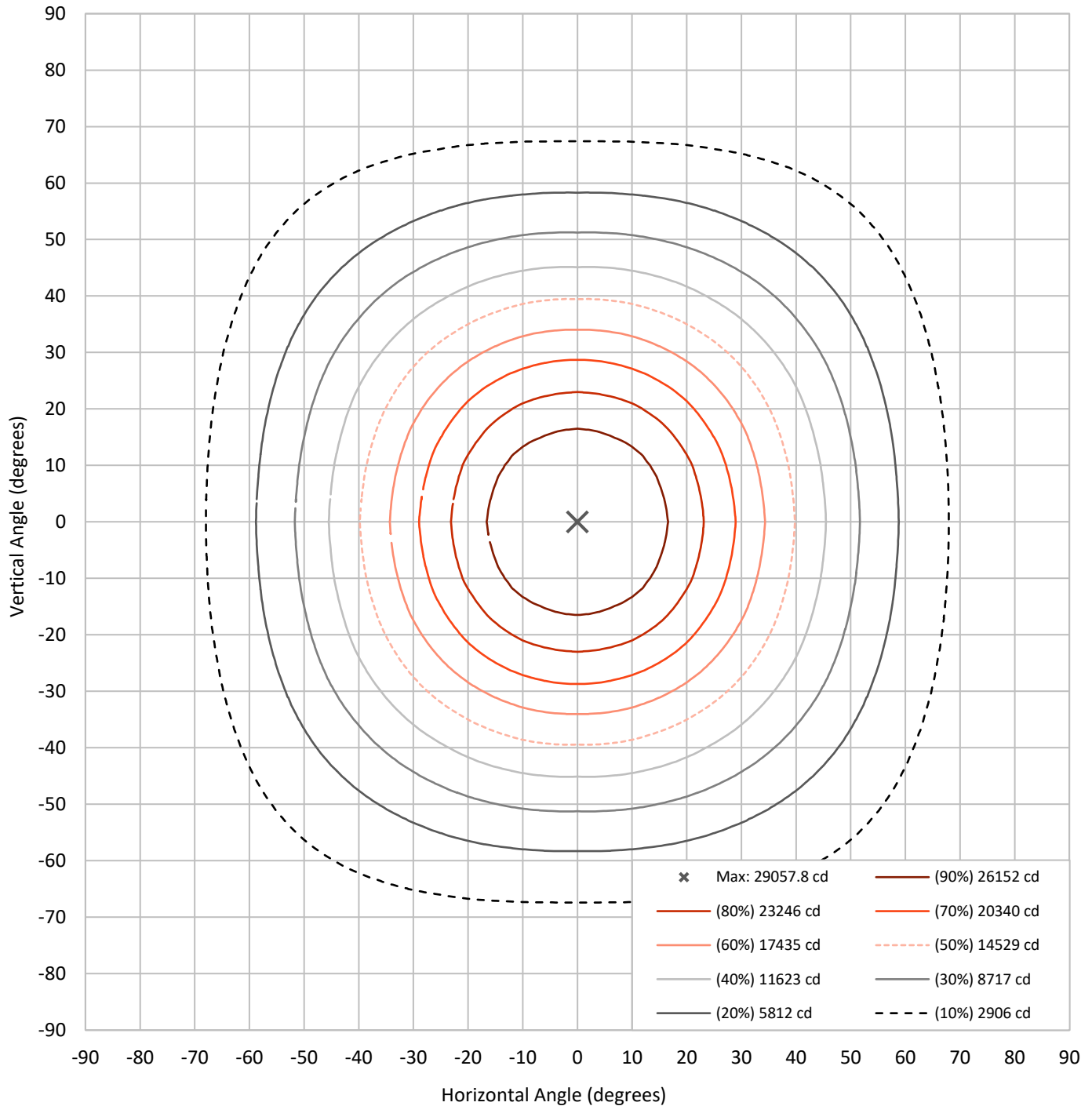
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	52519.5 lumens	Max Intensity:	29057.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.4 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:	30802.9 lumens	Field Lumens:	50068.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	376.7		
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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





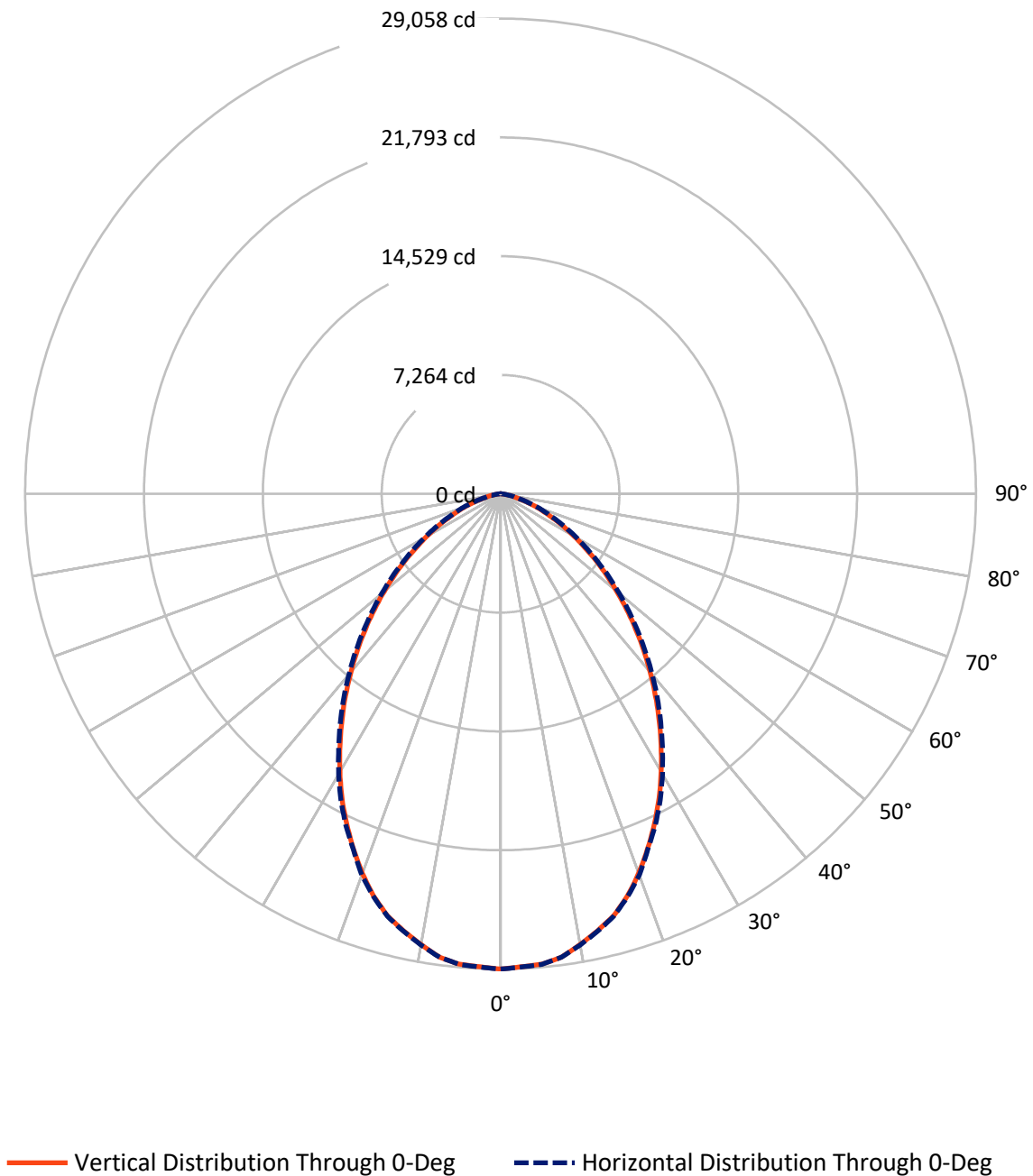
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Lumen Table

Vertical Angle (degrees)	Horizontal Angle (degrees)																		
	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	1.8	21.5	58.6	99.5	93.8	99.5	58.6	21.5	1.8										
80	1.8	21.5	58.6	99.5	93.8	99.5	58.6	21.5	1.8										
70	9.7	13.5	27.2	46.3	67.8	87.5	102.4	109.5	109.5	102.4	87.5	67.8	46.3	27.2	13.5	9.7			
60		20.2	44.2	78.8	119.3	162.1	197.3	215.7	215.7	197.3	162.1	119.3	78.8	44.2	20.2				
50	17.1	27.1	63.9	117.9	186.8	258.9	319.4	352.4	352.4	319.4	258.9	186.8	117.9	63.9	27.1	17.1			
40		34.3	84.6	162.3	261.5	366.6	456.4	507.5	507.5	456.4	366.6	261.5	162.3	84.6	34.3				
30	22.1	41.1	104.1	204.1	332.9	472.6	594.5	664.4	664.4	594.5	472.6	332.9	204.1	104.1	41.1	22.1			
20		46.3	119.1	235.3	388.7	558.6	708.4	793.6	793.6	708.4	558.6	388.7	235.3	119.1	46.3				
10	24.0	49.2	127.5	253.1	419.7	606.2	770.0	859.6	859.6	770.0	606.2	419.7	253.1	127.5	49.2	24.0			
0		49.2	127.5	253.1	419.7	606.2	770.0	859.6	859.6	770.0	606.2	419.7	253.1	127.5	49.2				
-10	22.1	46.3	119.1	235.3	388.7	558.6	708.4	793.6	793.6	708.4	558.6	388.7	235.3	119.1	46.3	22.1			
-20		41.1	104.1	204.1	332.9	472.6	594.5	664.4	664.4	594.5	472.6	332.9	204.1	104.1	41.1				
-30	17.1	34.3	84.6	162.3	261.5	366.6	456.4	507.5	507.5	456.4	366.6	261.5	162.3	84.6	34.3	17.1			
-40		27.1	63.9	117.9	186.8	258.9	319.4	352.4	352.4	319.4	258.9	186.8	117.9	63.9	27.1				
-50	9.7	20.2	44.2	78.8	119.3	162.1	197.3	215.7	215.7	197.3	162.1	119.3	78.8	44.2	20.2	9.7			
-60		13.5	27.2	46.3	67.8	87.5	102.4	109.5	109.5	102.4	87.5	67.8	46.3	27.2	13.5				
-70	1.8	21.5	58.6	99.5	93.8	99.5	58.6	21.5	1.8										
-80		1.8	21.5	58.6	99.5	93.8	99.5	58.6	21.5	1.8									
-90	1.8	21.5	58.6	99.5	93.8	99.5	58.6	21.5	1.8										

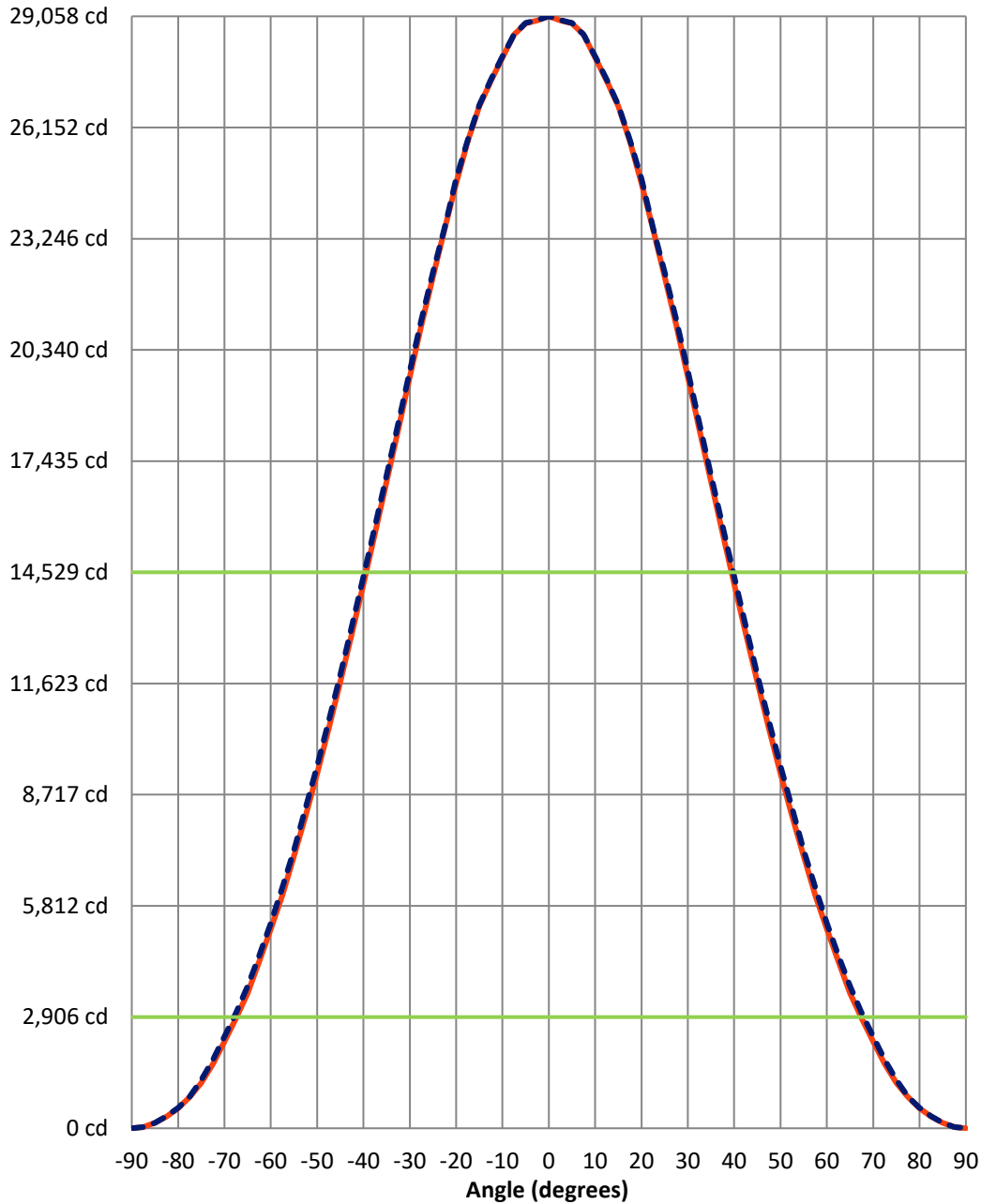
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 30802.9
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 50068.3
 Efficiency: 95.3%

Spill:
 Lumens: 2451.2
 Efficiency: 4.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.7	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
85°	0.0	3.3	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
82.5°	0.0	5.0	11.3	17.0	22.7	28.2	33.8	39.2	49.1	77.2	104.2
80°	0.0	6.6	15.1	22.7	30.1	37.6	50.8	90.4	128.5	165.1	200.1
77.5°	0.0	8.2	18.7	28.2	37.6	58.9	110.6	160.5	207.4	252.5	308.3
75°	0.0	9.8	22.4	33.8	48.9	101.8	169.0	230.1	288.8	369.4	455.0
72.5°	0.0	11.4	25.9	39.2	78.0	143.6	225.5	304.9	397.0	495.1	599.1
70°	0.0	12.9	29.3	47.0	106.1	183.8	282.1	394.7	503.0	618.6	753.7
67.5°	0.0	14.4	32.7	64.4	133.1	222.4	349.9	482.3	606.7	752.7	907.7
65°	0.0	15.9	36.0	81.1	158.9	265.6	414.8	567.6	718.7	882.9	1051.7
62.5°	0.0	17.3	39.1	97.0	183.3	312.8	476.4	656.6	827.0	1007.3	1180.5
60°	0.0	18.7	42.1	112.1	206.3	357.6	534.4	745.1	931.2	1123.7	1307.5
57.5°	0.0	20.0	50.6	126.3	236.9	399.6	595.6	827.5	1034.0	1238.1	1428.0
55°	0.0	21.3	58.9	139.5	266.0	438.7	653.6	898.7	1135.0	1348.6	1543.6
52.5°	0.0	22.5	66.8	151.7	293.2	475.8	707.2	972.7	1233.7	1450.3	1656.2
50°	0.0	23.7	74.4	162.8	318.1	515.2	756.3	1043.0	1327.5	1548.9	1785.3
47.5°	0.0	24.8	81.7	174.4	340.9	551.2	802.4	1108.4	1412.4	1644.4	1911.7
45°	0.0	25.8	88.6	189.6	361.4	583.6	853.6	1168.6	1478.4	1752.5	2032.8
42.5°	0.0	26.8	95.2	203.3	379.5	612.5	900.6	1224.0	1541.6	1855.9	2175.3
40°	0.0	27.7	101.3	217.3	397.8	637.7	943.2	1276.5	1607.3	1952.8	2314.1
37.5°	0.0	28.6	107.1	231.1	415.8	659.2	981.3	1326.2	1681.0	2044.8	2444.3
35°	0.0	29.3	112.4	244.0	431.4	684.1	1014.9	1373.1	1752.9	2150.6	2575.5
32.5°	0.0	30.0	117.3	255.9	444.3	709.0	1046.1	1416.9	1822.6	2252.4	2714.4
30°	0.0	30.7	121.8	266.8	454.7	730.3	1078.4	1460.7	1889.9	2349.6	2844.3
27.5°	0.0	31.2	125.9	276.6	470.3	747.9	1107.5	1511.7	1959.2	2442.0	2964.8
25°	0.0	31.7	129.5	285.5	484.9	761.9	1133.0	1559.0	2031.5	2535.9	3076.3
22.5°	0.0	32.1	132.7	293.2	497.8	775.9	1154.9	1602.4	2098.0	2624.8	3194.9
20°	0.0	32.5	135.5	300.0	508.9	795.2	1173.0	1641.4	2158.3	2704.3	3301.3
17.5°	0.0	32.7	137.8	305.6	518.2	811.0	1195.6	1675.7	2212.1	2774.0	3395.2
15°	0.0	32.9	139.6	310.2	525.7	823.2	1219.1	1708.4	2258.9	2833.8	3476.1
12.5°	0.0	33.1	141.0	313.8	531.4	832.1	1238.3	1739.2	2301.1	2883.5	3543.8
10°	0.0	33.1	142.0	316.3	535.4	837.5	1252.8	1762.9	2337.6	2930.1	3600.9
7.5°	0.0	33.1	142.6	317.7	537.5	839.7	1262.8	1779.5	2365.7	2967.6	3650.2
5°	0.0	33.0	142.7	318.1	538.0	838.8	1267.9	1789.0	2385.0	2994.8	3685.6
2.5°	0.0	32.9	142.3	317.4	536.7	834.7	1268.2	1791.2	2395.3	3011.3	3706.8
0°	0.0	32.7	141.6	315.8	533.7	827.7	1263.4	1786.2	2396.1	3016.9	3713.9
-2.5°	0.0	32.9	142.3	317.4	536.7	834.7	1268.2	1791.2	2395.3	3011.3	3706.8
-5°	0.0	33.0	142.7	318.1	538.0	838.8	1267.9	1789.0	2385.0	2994.8	3685.6
-7.5°	0.0	33.1	142.6	317.7	537.5	839.7	1262.8	1779.5	2365.7	2967.6	3650.2
-10°	0.0	33.1	142.0	316.3	535.4	837.5	1252.8	1762.9	2337.6	2930.1	3600.9
-12.5°	0.0	33.1	141.0	313.8	531.4	832.1	1238.3	1739.2	2301.1	2883.5	3543.8
-15°	0.0	32.9	139.6	310.2	525.7	823.2	1219.1	1708.4	2258.9	2833.8	3476.1
-17.5°	0.0	32.7	137.8	305.6	518.2	811.0	1195.6	1675.7	2212.1	2774.0	3395.2
-20°	0.0	32.5	135.5	300.0	508.9	795.2	1173.0	1641.4	2158.3	2704.3	3301.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-750-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	32.1	132.7	293.2	497.8	775.9	1154.9	1602.4	2098.0	2624.8	3194.9
-25°	0.0	31.7	129.5	285.5	484.9	761.9	1133.0	1559.0	2031.5	2535.9	3076.3
-27.5°	0.0	31.2	125.9	276.6	470.3	747.9	1107.5	1511.7	1959.2	2442.0	2964.8
-30°	0.0	30.7	121.8	266.8	454.7	730.3	1078.4	1460.7	1889.9	2349.6	2844.3
-32.5°	0.0	30.0	117.3	255.9	444.3	709.0	1046.1	1416.9	1822.6	2252.4	2714.4
-35°	0.0	29.3	112.4	244.0	431.4	684.1	1014.9	1373.1	1752.9	2150.6	2575.5
-37.5°	0.0	28.6	107.1	231.1	415.8	659.2	981.3	1326.2	1681.0	2044.8	2444.3
-40°	0.0	27.7	101.3	217.3	397.8	637.7	943.2	1276.5	1607.3	1952.8	2314.1
-42.5°	0.0	26.8	95.2	203.3	379.5	612.5	900.6	1224.0	1541.6	1855.9	2175.3
-45°	0.0	25.8	88.6	189.6	361.4	583.6	853.6	1168.6	1478.4	1752.5	2032.8
-47.5°	0.0	24.8	81.7	174.4	340.9	551.2	802.4	1108.4	1412.4	1644.4	1911.7
-50°	0.0	23.7	74.4	162.8	318.1	515.2	756.3	1043.0	1327.5	1548.9	1785.3
-52.5°	0.0	22.5	66.8	151.7	293.2	475.8	707.2	972.7	1233.7	1450.3	1656.2
-55°	0.0	21.3	58.9	139.5	266.0	438.7	653.6	898.7	1135.0	1348.6	1543.6
-57.5°	0.0	20.0	50.6	126.3	236.9	399.6	595.6	827.5	1034.0	1238.1	1428.0
-60°	0.0	18.7	42.1	112.1	206.3	357.6	534.4	745.1	931.2	1123.7	1307.5
-62.5°	0.0	17.3	39.1	97.0	183.3	312.8	476.4	656.6	827.0	1007.3	1180.5
-65°	0.0	15.9	36.0	81.1	158.9	265.6	414.8	567.6	718.7	882.9	1051.7
-67.5°	0.0	14.4	32.7	64.4	133.1	222.4	349.9	482.3	606.7	752.7	907.7
-70°	0.0	12.9	29.3	47.0	106.1	183.8	282.1	394.7	503.0	618.6	753.7
-72.5°	0.0	11.4	25.9	39.2	78.0	143.6	225.5	304.9	397.0	495.1	599.1
-75°	0.0	9.8	22.4	33.8	48.9	101.8	169.0	230.1	288.8	369.4	455.0
-77.5°	0.0	8.2	18.7	28.2	37.6	58.9	110.6	160.5	207.4	252.5	308.3
-80°	0.0	6.6	15.1	22.7	30.1	37.6	50.8	90.4	128.5	165.1	200.1
-82.5°	0.0	5.0	11.3	17.0	22.7	28.2	33.8	39.2	49.1	77.2	104.2
-85°	0.0	3.3	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
-87.5°	0.0	1.7	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	21.4	24.5	27.8	31.2	31.5	31.5	31.3	30.8	32.1	33.4	34.6
85°	42.6	48.9	67.9	86.2	95.1	100.5	103.0	102.6	119.3	138.6	159.6
82.5°	132.5	159.8	185.9	210.7	217.1	217.3	215.1	215.8	255.0	299.9	345.9
80°	236.0	270.6	316.6	357.3	375.0	384.2	388.4	387.7	437.3	503.3	572.7
77.5°	374.3	432.7	483.4	526.5	549.8	570.4	587.1	600.0	663.7	747.2	829.9
75°	532.0	596.0	659.6	715.0	753.8	782.5	809.3	852.3	935.8	1033.2	1117.9
72.5°	698.4	780.1	850.9	911.1	965.5	1023.3	1087.9	1158.6	1246.7	1343.9	1432.6
70°	876.1	965.9	1040.1	1112.6	1186.6	1273.1	1370.1	1465.5	1563.7	1671.1	1774.4
67.5°	1049.9	1136.5	1223.9	1315.3	1426.2	1542.0	1656.6	1788.2	1922.9	2042.1	2148.7
65°	1200.8	1302.4	1411.7	1535.8	1672.8	1819.9	1973.0	2130.8	2301.6	2444.6	2575.1
62.5°	1345.0	1467.2	1600.0	1754.6	1929.3	2103.6	2298.7	2496.3	2688.5	2857.2	3013.0
60°	1477.9	1625.8	1793.8	1983.4	2187.4	2418.9	2641.1	2865.9	3076.7	3267.7	3464.7
57.5°	1607.2	1793.3	1994.9	2222.5	2480.3	2740.5	3001.7	3243.5	3482.1	3714.8	3937.7
55°	1744.0	1968.3	2208.2	2487.3	2778.0	3085.7	3367.1	3636.9	3899.8	4182.2	4450.6
52.5°	1894.5	2145.1	2445.3	2757.8	3093.6	3423.8	3733.0	4040.3	4358.0	4677.6	5027.1
50°	2039.8	2352.3	2681.3	3044.6	3407.3	3761.2	4115.7	4469.6	4850.3	5242.3	5638.3
47.5°	2209.5	2550.5	2939.1	3328.8	3725.2	4119.0	4513.9	4941.6	5374.2	5828.8	6266.8
45°	2381.3	2764.6	3183.4	3624.0	4052.7	4488.6	4950.4	5423.2	5930.5	6430.4	6957.4
42.5°	2544.1	2977.4	3439.0	3914.9	4391.7	4878.7	5386.6	5939.0	6493.2	7069.9	7649.0
40°	2724.4	3179.8	3688.7	4213.0	4730.3	5270.2	5850.6	6448.9	7076.0	7710.1	8339.0
37.5°	2897.8	3398.3	3933.4	4497.6	5078.2	5671.5	6301.8	6980.8	7661.0	8343.3	9036.8
35°	3060.1	3605.6	4185.1	4784.1	5399.8	6074.7	6779.3	7504.1	8241.1	8979.0	9725.0
32.5°	3227.2	3800.9	4425.6	5066.7	5745.2	6469.0	7240.7	8026.1	8811.0	9599.0	10415.5
30°	3394.6	4005.9	4658.6	5333.9	6076.1	6864.7	7694.1	8526.1	9356.3	10223.5	11093.7
27.5°	3552.7	4200.3	4887.5	5610.1	6393.2	7231.1	8112.0	9003.2	9898.4	10820.3	11748.5
25°	3698.4	4384.5	5100.0	5875.9	6705.9	7583.7	8501.4	9431.4	10413.1	11399.7	12368.9
22.5°	3840.4	4553.6	5296.8	6120.8	6989.3	7911.1	8866.7	9848.8	10874.6	11934.1	12937.1
20°	3977.1	4714.8	5488.3	6342.7	7243.0	8206.0	9198.8	10227.1	11303.4	12391.2	13470.0
17.5°	4098.5	4857.9	5666.5	6550.1	7485.3	8475.4	9497.9	10560.1	11684.3	12811.9	13955.0
15°	4204.1	4982.5	5820.9	6731.2	7699.4	8720.4	9775.6	10868.0	12021.2	13195.2	14383.6
12.5°	4293.5	5088.1	5950.9	6885.1	7881.0	8930.5	10014.3	11145.0	12329.3	13536.2	14759.1
10°	4366.1	5174.0	6056.1	7010.9	8029.4	9104.1	10210.7	11373.3	12593.1	13826.3	15074.9
7.5°	4427.9	5245.8	6139.5	7107.9	8143.7	9240.1	10363.7	11551.5	12803.2	14052.5	15328.5
5°	4472.9	5303.8	6216.2	7189.2	8243.2	9346.3	10479.6	11678.4	12957.0	14213.6	15512.5
2.5°	4500.0	5341.6	6268.3	7241.9	8321.3	9425.9	10582.6	11790.6	13069.6	14341.4	15650.8
0°	4509.0	5358.5	6295.1	7264.4	8364.5	9464.5	10640.7	11849.7	13123.9	14420.0	15737.8
-2.5°	4500.0	5341.6	6268.3	7241.9	8321.3	9425.9	10582.6	11790.6	13069.6	14341.4	15650.8
-5°	4472.9	5303.8	6216.2	7189.2	8243.2	9346.3	10479.6	11678.4	12957.0	14213.6	15512.5
-7.5°	4427.9	5245.8	6139.5	7107.9	8143.7	9240.1	10363.7	11551.5	12803.2	14052.5	15328.5
-10°	4366.1	5174.0	6056.1	7010.9	8029.4	9104.1	10210.7	11373.3	12593.1	13826.3	15074.9
-12.5°	4293.5	5088.1	5950.9	6885.1	7881.0	8930.5	10014.3	11145.0	12329.3	13536.2	14759.1
-15°	4204.1	4982.5	5820.9	6731.2	7699.4	8720.4	9775.6	10868.0	12021.2	13195.2	14383.6
-17.5°	4098.5	4857.9	5666.5	6550.1	7485.3	8475.4	9497.9	10560.1	11684.3	12811.9	13955.0
-20°	3977.1	4714.8	5488.3	6342.7	7243.0	8206.0	9198.8	10227.1	11303.4	12391.2	13470.0

Classified

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

Scaled Data Report



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	3840.4	4553.6	5296.8	6120.8	6989.3	7911.1	8866.7	9848.8	10874.6	11934.1	12937.1
-25°	3698.4	4384.5	5100.0	5875.9	6705.9	7583.7	8501.4	9431.4	10413.1	11399.7	12368.9
-27.5°	3552.7	4200.3	4887.5	5610.1	6393.2	7231.1	8112.0	9003.2	9898.4	10820.3	11748.5
-30°	3394.6	4005.9	4658.6	5333.9	6076.1	6864.7	7694.1	8526.1	9356.3	10223.5	11093.7
-32.5°	3227.2	3800.9	4425.6	5066.7	5745.2	6469.0	7240.7	8026.1	8811.0	9599.0	10415.5
-35°	3060.1	3605.6	4185.1	4784.1	5399.8	6074.7	6779.3	7504.1	8241.1	8979.0	9725.0
-37.5°	2897.8	3398.3	3933.4	4497.6	5078.2	5671.5	6301.8	6980.8	7661.0	8343.3	9036.8
-40°	2724.4	3179.8	3688.7	4213.0	4730.3	5270.2	5850.6	6448.9	7076.0	7710.1	8339.0
-42.5°	2544.1	2977.4	3439.0	3914.9	4391.7	4878.7	5386.6	5939.0	6493.2	7069.9	7649.0
-45°	2381.3	2764.6	3183.4	3624.0	4052.7	4488.6	4950.4	5423.2	5930.5	6430.4	6957.4
-47.5°	2209.5	2550.5	2939.1	3328.8	3725.2	4119.0	4513.9	4941.6	5374.2	5828.8	6266.8
-50°	2039.8	2352.3	2681.3	3044.6	3407.3	3761.2	4115.7	4469.6	4850.3	5242.3	5638.3
-52.5°	1894.5	2145.1	2445.3	2757.8	3093.6	3423.8	3733.0	4040.3	4358.0	4677.6	5027.1
-55°	1744.0	1968.3	2208.2	2487.3	2778.0	3085.7	3367.1	3636.9	3899.8	4182.2	4450.6
-57.5°	1607.2	1793.3	1994.9	2222.5	2480.3	2740.5	3001.7	3243.5	3482.1	3714.8	3937.7
-60°	1477.9	1625.8	1793.8	1983.4	2187.4	2418.9	2641.1	2865.9	3076.7	3267.7	3464.7
-62.5°	1345.0	1467.2	1600.0	1754.6	1929.3	2103.6	2298.7	2496.3	2688.5	2857.2	3013.0
-65°	1200.8	1302.4	1411.7	1535.8	1672.8	1819.9	1973.0	2130.8	2301.6	2444.6	2575.1
-67.5°	1049.9	1136.5	1223.9	1315.3	1426.2	1542.0	1656.6	1788.2	1922.9	2042.1	2148.7
-70°	876.1	965.9	1040.1	1112.6	1186.6	1273.1	1370.1	1465.5	1563.7	1671.1	1774.4
-72.5°	698.4	780.1	850.9	911.1	965.5	1023.3	1087.9	1158.6	1246.7	1343.9	1432.6
-75°	532.0	596.0	659.6	715.0	753.8	782.5	809.3	852.3	935.8	1033.2	1117.9
-77.5°	374.3	432.7	483.4	526.5	549.8	570.4	587.1	600.0	663.7	747.2	829.9
-80°	236.0	270.6	316.6	357.3	375.0	384.2	388.4	387.7	437.3	503.3	572.7
-82.5°	132.5	159.8	185.9	210.7	217.1	217.3	215.1	215.8	255.0	299.9	345.9
-85°	42.6	48.9	67.9	86.2	95.1	100.5	103.0	102.6	119.3	138.6	159.6
-87.5°	21.4	24.5	27.8	31.2	31.5	31.5	31.3	30.8	32.1	33.4	34.6
-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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	39.9	37.6
85°	182.0	194.8	206.8	218.3	229.3	239.6	249.4	258.4	266.8	243.7	218.1
82.5°	392.9	424.4	454.4	484.2	513.7	521.3	523.6	522.6	518.4	477.8	432.8
80°	641.4	694.7	745.1	795.0	844.2	849.8	844.1	834.0	819.6	766.3	706.0
77.5°	912.5	979.7	1038.6	1092.5	1141.5	1150.8	1149.4	1146.9	1142.9	1088.6	1022.8
75°	1190.5	1256.3	1319.6	1373.6	1418.6	1439.2	1449.4	1456.5	1460.5	1421.4	1370.3
72.5°	1512.8	1581.2	1637.1	1689.5	1733.8	1765.8	1788.9	1806.3	1818.1	1806.3	1785.4
70°	1862.5	1935.9	1997.6	2056.7	2116.8	2165.0	2201.4	2227.8	2244.5	2255.5	2263.2
67.5°	2256.3	2354.8	2440.8	2514.1	2586.8	2654.9	2710.9	2756.6	2791.9	2821.9	2845.0
65°	2700.0	2825.9	2937.5	3040.0	3134.0	3232.8	3313.9	3381.9	3436.6	3481.9	3518.2
62.5°	3166.5	3320.8	3464.1	3603.1	3739.4	3873.6	3976.6	4070.4	4153.8	4225.5	4282.5
60°	3651.2	3826.5	4018.9	4202.4	4371.4	4525.8	4679.1	4811.8	4925.4	5019.7	5095.7
57.5°	4172.3	4399.3	4624.1	4852.1	5067.6	5269.2	5457.9	5624.4	5765.1	5880.5	5977.4
55°	4735.1	5019.1	5279.8	5567.5	5845.3	6098.4	6321.1	6516.9	6686.2	6828.1	6948.4
52.5°	5353.8	5698.9	6037.7	6364.9	6680.4	6973.9	7240.7	7468.7	7671.5	7845.3	7984.0
50°	6031.0	6425.8	6818.4	7182.4	7545.0	7883.2	8188.9	8453.5	8689.5	8893.8	9054.6
47.5°	6739.2	7188.6	7627.0	8043.7	8444.9	8820.9	9151.9	9453.5	9747.7	9987.7	10177.4
45°	7474.5	7978.7	8462.4	8938.8	9380.7	9802.0	10210.4	10585.9	10887.9	11152.2	11374.3
42.5°	8218.9	8781.3	9322.9	9842.6	10328.4	10815.7	11275.1	11685.7	12030.0	12330.6	12582.9
40°	8972.9	9588.5	10185.2	10751.9	11307.3	11838.7	12335.6	12768.5	13156.8	13513.8	13811.2
37.5°	9723.1	10400.4	11061.5	11696.4	12307.9	12883.4	13420.3	13909.5	14347.8	14754.4	15084.6
35°	10476.5	11219.7	11943.4	12642.0	13310.0	13945.2	14533.0	15089.6	15606.1	16017.9	16355.8
32.5°	11227.1	12026.0	12813.7	13582.8	14313.9	14998.7	15635.6	16250.7	16781.9	17234.6	17623.1
30°	11953.4	12818.9	13676.6	14510.6	15300.3	16042.4	16747.6	17398.0	17969.3	18464.4	18900.1
27.5°	12666.1	13596.0	14516.3	15407.2	16261.1	17067.4	17837.0	18542.3	19165.8	19703.9	20163.3
25°	13339.8	14339.2	15320.1	16264.7	17176.9	18066.3	18897.3	19667.0	20332.9	20923.6	21395.7
22.5°	13983.4	15049.2	16079.9	17073.6	18049.3	19007.9	19917.7	20721.4	21427.2	22044.7	22567.2
20°	14583.0	15725.1	16779.6	17830.6	18858.2	19881.9	20858.6	21706.6	22453.4	23110.9	23686.8
17.5°	15143.5	16315.0	17425.3	18544.2	19627.3	20701.1	21693.5	22602.5	23408.2	24106.3	24709.5
15°	15618.0	16801.0	18013.7	19208.3	20350.5	21437.8	22429.3	23378.6	24273.3	25028.3	25639.9
12.5°	16002.1	17232.5	18497.5	19765.7	20973.7	22059.6	23097.6	24060.6	25000.3	25848.4	26410.6
10°	16329.6	17596.4	18902.4	20195.8	21419.9	22568.9	23697.4	24715.6	25639.0	26398.5	27026.3
7.5°	16612.7	17917.7	19244.1	20539.5	21759.6	22946.8	24108.5	25189.9	26122.1	26837.6	27397.6
5°	16821.4	18157.5	19509.5	20816.9	22054.0	23245.0	24412.0	25479.8	26389.8	27117.8	27728.5
2.5°	16970.9	18319.4	19681.1	20990.4	22254.8	23448.9	24645.0	25724.9	26606.0	27273.1	27857.8
0°	17066.6	18417.1	19789.4	21129.0	22370.6	23525.1	24810.2	25823.1	26738.0	27402.3	28012.2
-2.5°	16970.9	18319.4	19681.1	20990.4	22254.8	23448.9	24645.0	25724.9	26606.0	27273.1	27857.8
-5°	16821.4	18157.5	19509.5	20816.9	22054.0	23245.0	24412.0	25479.8	26389.8	27117.8	27728.5
-7.5°	16612.7	17917.7	19244.1	20539.5	21759.6	22946.8	24108.5	25189.9	26122.1	26837.6	27397.6
-10°	16329.6	17596.4	18902.4	20195.8	21419.9	22568.9	23697.4	24715.6	25639.0	26398.5	27026.3
-12.5°	16002.1	17232.5	18497.5	19765.7	20973.7	22059.6	23097.6	24060.6	25000.3	25848.4	26410.6
-15°	15618.0	16801.0	18013.7	19208.3	20350.5	21437.8	22429.3	23378.6	24273.3	25028.3	25639.9
-17.5°	15143.5	16315.0	17425.3	18544.2	19627.3	20701.1	21693.5	22602.5	23408.2	24106.3	24709.5
-20°	14583.0	15725.1	16779.6	17830.6	18858.2	19881.9	20858.6	21706.6	22453.4	23110.9	23686.8



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13983.4	15049.2	16079.9	17073.6	18049.3	19007.9	19917.7	20721.4	21427.2	22044.7	22567.2
-25°	13339.8	14339.2	15320.1	16264.7	17176.9	18066.3	18897.3	19667.0	20332.9	20923.6	21395.7
-27.5°	12666.1	13596.0	14516.3	15407.2	16261.1	17067.4	17837.0	18542.3	19165.8	19703.9	20163.3
-30°	11953.4	12818.9	13676.6	14510.6	15300.3	16042.4	16747.6	17398.0	17969.3	18464.4	18900.1
-32.5°	11227.1	12026.0	12813.7	13582.8	14313.9	14998.7	15635.6	16250.7	16781.9	17234.6	17623.1
-35°	10476.5	11219.7	11943.4	12642.0	13310.0	13945.2	14533.0	15089.6	15606.1	16017.9	16355.8
-37.5°	9723.1	10400.4	11061.5	11696.4	12307.9	12883.4	13420.3	13909.5	14347.8	14754.4	15084.6
-40°	8972.9	9588.5	10185.2	10751.9	11307.3	11838.7	12335.6	12768.5	13156.8	13513.8	13811.2
-42.5°	8218.9	8781.3	9322.9	9842.6	10328.4	10815.7	11275.1	11685.7	12030.0	12330.6	12582.9
-45°	7474.5	7978.7	8462.4	8938.8	9380.7	9802.0	10210.4	10585.9	10887.9	11152.2	11374.3
-47.5°	6739.2	7188.6	7627.0	8043.7	8444.9	8820.9	9151.9	9453.5	9747.7	9987.7	10177.4
-50°	6031.0	6425.8	6818.4	7182.4	7545.0	7883.2	8188.9	8453.5	8689.5	8893.8	9054.6
-52.5°	5353.8	5698.9	6037.7	6364.9	6680.4	6973.9	7240.7	7468.7	7671.5	7845.3	7984.0
-55°	4735.1	5019.1	5279.8	5567.5	5845.3	6098.4	6321.1	6516.9	6686.2	6828.1	6948.4
-57.5°	4172.3	4399.3	4624.1	4852.1	5067.6	5269.2	5457.9	5624.4	5765.1	5880.5	5977.4
-60°	3651.2	3826.5	4018.9	4202.4	4371.4	4525.8	4679.1	4811.8	4925.4	5019.7	5095.7
-62.5°	3166.5	3320.8	3464.1	3603.1	3739.4	3873.6	3976.6	4070.4	4153.8	4225.5	4282.5
-65°	2700.0	2825.9	2937.5	3040.0	3134.0	3232.8	3313.9	3381.9	3436.6	3481.9	3518.2
-67.5°	2256.3	2354.8	2440.8	2514.1	2586.8	2654.9	2710.9	2756.6	2791.9	2821.9	2845.0
-70°	1862.5	1935.9	1997.6	2056.7	2116.8	2165.0	2201.4	2227.8	2244.5	2255.5	2263.2
-72.5°	1512.8	1581.2	1637.1	1689.5	1733.8	1765.8	1788.9	1806.3	1818.1	1806.3	1785.4
-75°	1190.5	1256.3	1319.6	1373.6	1418.6	1439.2	1449.4	1456.5	1460.5	1421.4	1370.3
-77.5°	912.5	979.7	1038.6	1092.5	1141.5	1150.8	1149.4	1146.9	1142.9	1088.6	1022.8
-80°	641.4	694.7	745.1	795.0	844.2	849.8	844.1	834.0	819.6	766.3	706.0
-82.5°	392.9	424.4	454.4	484.2	513.7	521.3	523.6	522.6	518.4	477.8	432.8
-85°	182.0	194.8	206.8	218.3	229.3	239.6	249.4	258.4	266.8	243.7	218.1
-87.5°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	39.9	37.6
-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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	35.1	32.6	32.7	32.7	32.7	32.6	35.1	37.6	39.9	42.1	41.6
85°	191.0	162.6	152.3	141.6	152.3	162.6	191.0	218.1	243.7	266.8	258.4
82.5°	385.6	336.5	321.0	305.0	321.0	336.5	385.6	432.8	477.8	518.4	522.6
80°	642.3	575.7	549.5	522.8	549.5	575.7	642.3	706.0	766.3	819.6	834.0
77.5°	953.2	880.1	848.8	816.8	848.8	880.1	953.2	1022.8	1088.6	1142.9	1146.9
75°	1316.4	1259.1	1224.4	1187.1	1224.4	1259.1	1316.4	1370.3	1421.4	1460.5	1456.5
72.5°	1761.4	1733.4	1708.2	1677.2	1708.2	1733.4	1761.4	1785.4	1806.3	1818.1	1806.3
70°	2265.8	2262.2	2266.8	2265.4	2266.8	2262.2	2265.8	2263.2	2255.5	2244.5	2227.8
67.5°	2856.9	2857.7	2869.8	2875.3	2869.8	2857.7	2856.9	2845.0	2821.9	2791.9	2756.6
65°	3540.6	3549.0	3545.9	3528.8	3545.9	3549.0	3540.6	3518.2	3481.9	3436.6	3381.9
62.5°	4323.1	4346.6	4359.5	4356.5	4359.5	4346.6	4323.1	4282.5	4225.5	4153.8	4070.4
60°	5152.5	5189.3	5207.9	5206.0	5207.9	5189.3	5152.5	5095.7	5019.7	4925.4	4811.8
57.5°	6049.7	6096.9	6108.0	6088.2	6108.0	6096.9	6049.7	5977.4	5880.5	5765.1	5624.4
55°	7039.2	7099.7	7123.0	7112.0	7123.0	7099.7	7039.2	6948.4	6828.1	6686.2	6516.9
52.5°	8085.7	8151.0	8174.2	8157.5	8174.2	8151.0	8085.7	7984.0	7845.3	7671.5	7468.7
50°	9172.6	9251.7	9283.6	9268.4	9283.6	9251.7	9172.6	9054.6	8893.8	8689.5	8453.5
47.5°	10326.2	10431.6	10472.6	10444.7	10472.6	10431.6	10326.2	10177.4	9987.7	9747.7	9453.5
45°	11540.1	11649.4	11691.8	11664.5	11691.8	11649.4	11540.1	11374.3	11152.2	10887.9	10585.9
42.5°	12775.8	12917.8	12977.8	12927.9	12977.8	12917.8	12775.8	12582.9	12330.6	12030.0	11685.7
40°	14033.2	14187.4	14258.4	14223.9	14258.4	14187.4	14033.2	13811.2	13513.8	13156.8	12768.5
37.5°	15323.0	15476.4	15551.7	15552.7	15551.7	15476.4	15323.0	15084.6	14754.4	14347.8	13909.5
35°	16617.6	16803.2	16908.2	16903.2	16908.2	16803.2	16617.6	16355.8	16017.9	15606.1	15089.6
32.5°	17930.2	18131.2	18238.6	18253.7	18238.6	18131.2	17930.2	17623.1	17234.6	16781.9	16250.7
30°	19240.6	19461.6	19585.9	19636.9	19585.9	19461.6	19240.6	18900.1	18464.4	17969.3	17398.0
27.5°	20511.4	20783.4	20971.1	20987.4	20971.1	20783.4	20511.4	20163.3	19703.9	19165.8	18542.3
25°	21742.2	22019.1	22211.7	22250.8	22211.7	22019.1	21742.2	21395.7	20923.6	20332.9	19667.0
22.5°	22955.3	23244.8	23422.4	23492.4	23422.4	23244.8	22955.3	22567.2	22044.7	21427.2	20721.4
20°	24113.3	24427.0	24615.4	24690.4	24615.4	24427.0	24113.3	23686.8	23110.9	22453.4	21706.6
17.5°	25160.9	25492.4	25725.0	25790.4	25725.0	25492.4	25160.9	24709.5	24106.3	23408.2	22602.5
15°	26082.9	26397.2	26618.1	26705.3	26618.1	26397.2	26082.9	25639.9	25028.3	24273.3	23378.6
12.5°	26833.3	27114.5	27287.5	27369.7	27287.5	27114.5	26833.3	26410.6	25848.4	25000.3	24060.6
10°	27419.6	27701.7	27866.9	27979.6	27866.9	27701.7	27419.6	27026.3	26398.5	25639.0	24715.6
7.5°	27928.5	28217.5	28419.6	28578.6	28419.6	28217.5	27928.5	27397.6	26837.6	26122.1	25189.9
5°	28209.3	28691.9	28764.6	28872.6	28764.6	28691.9	28209.3	27728.5	27117.8	26389.8	25479.8
2.5°	28423.6	28765.8	28971.5	28948.9	28971.5	28765.8	28423.6	27857.8	27273.1	26606.0	25724.9
0°	28578.6	28883.5	28959.8	29057.8	28959.8	28883.5	28578.6	28012.2	27402.3	26738.0	25823.1
-2.5°	28423.6	28765.8	28971.5	28948.9	28971.5	28765.8	28423.6	27857.8	27273.1	26606.0	25724.9
-5°	28209.3	28691.9	28764.6	28872.6	28764.6	28691.9	28209.3	27728.5	27117.8	26389.8	25479.8
-7.5°	27928.5	28217.5	28419.6	28578.6	28419.6	28217.5	27928.5	27397.6	26837.6	26122.1	25189.9
-10°	27419.6	27701.7	27866.9	27979.6	27866.9	27701.7	27419.6	27026.3	26398.5	25639.0	24715.6
-12.5°	26833.3	27114.5	27287.5	27369.7	27287.5	27114.5	26833.3	26410.6	25848.4	25000.3	24060.6
-15°	26082.9	26397.2	26618.1	26705.3	26618.1	26397.2	26082.9	25639.9	25028.3	24273.3	23378.6
-17.5°	25160.9	25492.4	25725.0	25790.4	25725.0	25492.4	25160.9	24709.5	24106.3	23408.2	22602.5
-20°	24113.3	24427.0	24615.4	24690.4	24615.4	24427.0	24113.3	23686.8	23110.9	22453.4	21706.6



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	22955.3	23244.8	23422.4	23492.4	23422.4	23244.8	22955.3	22567.2	22044.7	21427.2	20721.4
-25°	21742.2	22019.1	22211.7	22250.8	22211.7	22019.1	21742.2	21395.7	20923.6	20332.9	19667.0
-27.5°	20511.4	20783.4	20971.1	20987.4	20971.1	20783.4	20511.4	20163.3	19703.9	19165.8	18542.3
-30°	19240.6	19461.6	19585.9	19636.9	19585.9	19461.6	19240.6	18900.1	18464.4	17969.3	17398.0
-32.5°	17930.2	18131.2	18238.6	18253.7	18238.6	18131.2	17930.2	17623.1	17234.6	16781.9	16250.7
-35°	16617.6	16803.2	16908.2	16903.2	16908.2	16803.2	16617.6	16355.8	16017.9	15606.1	15089.6
-37.5°	15323.0	15476.4	15551.7	15552.7	15551.7	15476.4	15323.0	15084.6	14754.4	14347.8	13909.5
-40°	14033.2	14187.4	14258.4	14223.9	14258.4	14187.4	14033.2	13811.2	13513.8	13156.8	12768.5
-42.5°	12775.8	12917.8	12977.8	12927.9	12977.8	12917.8	12775.8	12582.9	12330.6	12030.0	11685.7
-45°	11540.1	11649.4	11691.8	11664.5	11691.8	11649.4	11540.1	11374.3	11152.2	10887.9	10585.9
-47.5°	10326.2	10431.6	10472.6	10444.7	10472.6	10431.6	10326.2	10177.4	9987.7	9747.7	9453.5
-50°	9172.6	9251.7	9283.6	9268.4	9283.6	9251.7	9172.6	9054.6	8893.8	8689.5	8453.5
-52.5°	8085.7	8151.0	8174.2	8157.5	8174.2	8151.0	8085.7	7984.0	7845.3	7671.5	7468.7
-55°	7039.2	7099.7	7123.0	7112.0	7123.0	7099.7	7039.2	6948.4	6828.1	6686.2	6516.9
-57.5°	6049.7	6096.9	6108.0	6088.2	6108.0	6096.9	6049.7	5977.4	5880.5	5765.1	5624.4
-60°	5152.5	5189.3	5207.9	5206.0	5207.9	5189.3	5152.5	5095.7	5019.7	4925.4	4811.8
-62.5°	4323.1	4346.6	4359.5	4356.5	4359.5	4346.6	4323.1	4282.5	4225.5	4153.8	4070.4
-65°	3540.6	3549.0	3545.9	3528.8	3545.9	3549.0	3540.6	3518.2	3481.9	3436.6	3381.9
-67.5°	2856.9	2857.7	2869.8	2875.3	2869.8	2857.7	2856.9	2845.0	2821.9	2791.9	2756.6
-70°	2265.8	2262.2	2266.8	2265.4	2266.8	2262.2	2265.8	2263.2	2255.5	2244.5	2227.8
-72.5°	1761.4	1733.4	1708.2	1677.2	1708.2	1733.4	1761.4	1785.4	1806.3	1818.1	1806.3
-75°	1316.4	1259.1	1224.4	1187.1	1224.4	1259.1	1316.4	1370.3	1421.4	1460.5	1456.5
-77.5°	953.2	880.1	848.8	816.8	848.8	880.1	953.2	1022.8	1088.6	1142.9	1146.9
-80°	642.3	575.7	549.5	522.8	549.5	575.7	642.3	706.0	766.3	819.6	834.0
-82.5°	385.6	336.5	321.0	305.0	321.0	336.5	385.6	432.8	477.8	518.4	522.6
-85°	191.0	162.6	152.3	141.6	152.3	162.6	191.0	218.1	243.7	266.8	258.4
-87.5°	35.1	32.6	32.7	32.7	32.7	32.6	35.1	37.6	39.9	42.1	41.6
-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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
85°	249.4	239.6	229.3	218.3	206.8	194.8	182.0	159.6	138.6	119.3	102.6
82.5°	523.6	521.3	513.7	484.2	454.4	424.4	392.9	345.9	299.9	255.0	215.8
80°	844.1	849.8	844.2	795.0	745.1	694.7	641.4	572.7	503.3	437.3	387.7
77.5°	1149.4	1150.8	1141.5	1092.5	1038.6	979.7	912.5	829.9	747.2	663.7	600.0
75°	1449.4	1439.2	1418.6	1373.6	1319.6	1256.3	1190.5	1117.9	1033.2	935.8	852.3
72.5°	1788.9	1765.8	1733.8	1689.5	1637.1	1581.2	1512.8	1432.6	1343.9	1246.7	1158.6
70°	2201.4	2165.0	2116.8	2056.7	1997.6	1935.9	1862.5	1774.4	1671.1	1563.7	1465.5
67.5°	2710.9	2654.9	2586.8	2514.1	2440.8	2354.8	2256.3	2148.7	2042.1	1922.9	1788.2
65°	3313.9	3232.8	3134.0	3040.0	2937.5	2825.9	2700.0	2575.1	2444.6	2301.6	2130.8
62.5°	3976.6	3873.6	3739.4	3603.1	3464.1	3320.8	3166.5	3013.0	2857.2	2688.5	2496.3
60°	4679.1	4525.8	4371.4	4202.4	4018.9	3826.5	3651.2	3464.7	3267.7	3076.7	2865.9
57.5°	5457.9	5269.2	5067.6	4852.1	4624.1	4399.3	4172.3	3937.7	3714.8	3482.1	3243.5
55°	6321.1	6098.4	5845.3	5567.5	5279.8	5019.1	4735.1	4450.6	4182.2	3899.8	3636.9
52.5°	7240.7	6973.9	6680.4	6364.9	6037.7	5698.9	5353.8	5027.1	4677.6	4358.0	4040.3
50°	8188.9	7883.2	7545.0	7182.4	6818.4	6425.8	6031.0	5638.3	5242.3	4850.3	4469.6
47.5°	9151.9	8820.9	8444.9	8043.7	7627.0	7188.6	6739.2	6266.8	5828.8	5374.2	4941.6
45°	10210.4	9802.0	9380.7	8938.8	8462.4	7978.7	7474.5	6957.4	6430.4	5930.5	5423.2
42.5°	11275.1	10815.7	10328.4	9842.6	9322.9	8781.3	8218.9	7649.0	7069.9	6493.2	5939.0
40°	12335.6	11838.7	11307.3	10751.9	10185.2	9588.5	8972.9	8339.0	7710.1	7076.0	6448.9
37.5°	13420.3	12883.4	12307.9	11696.4	11061.5	10400.4	9723.1	9036.8	8343.3	7661.0	6980.8
35°	14533.0	13945.2	13310.0	12642.0	11943.4	11219.7	10476.5	9725.0	8979.0	8241.1	7504.1
32.5°	15635.6	14998.7	14313.9	13582.8	12813.7	12026.0	11227.1	10415.5	9599.0	8811.0	8026.1
30°	16747.6	16042.4	15300.3	14510.6	13676.6	12818.9	11953.4	11093.7	10223.5	9356.3	8526.1
27.5°	17837.0	17067.4	16261.1	15407.2	14516.3	13596.0	12666.1	11748.5	10820.3	9898.4	9003.2
25°	18897.3	18066.3	17176.9	16264.7	15320.1	14339.2	13339.8	12368.9	11399.7	10413.1	9431.4
22.5°	19917.7	19007.9	18049.3	17073.6	16079.9	15049.2	13983.4	12937.1	11934.1	10874.6	9848.8
20°	20858.6	19881.9	18858.2	17830.6	16779.6	15725.1	14583.0	13470.0	12391.2	11303.4	10227.1
17.5°	21693.5	20701.1	19627.3	18544.2	17425.3	16315.0	15143.5	13955.0	12811.9	11684.3	10560.1
15°	22429.3	21437.8	20350.5	19208.3	18013.7	16801.0	15618.0	14383.6	13195.2	12021.2	10868.0
12.5°	23097.6	22059.6	20973.7	19765.7	18497.5	17232.5	16002.1	14759.1	13536.2	12329.3	11145.0
10°	23697.4	22568.9	21419.9	20195.8	18902.4	17596.4	16329.6	15074.9	13826.3	12593.1	11373.3
7.5°	24108.5	22946.8	21759.6	20539.5	19244.1	17917.7	16612.7	15328.5	14052.5	12803.2	11551.5
5°	24412.0	23245.0	22054.0	20816.9	19509.5	18157.5	16821.4	15512.5	14213.6	12957.0	11678.4
2.5°	24645.0	23448.9	22254.8	20990.4	19681.1	18319.4	16970.9	15650.8	14341.4	13069.6	11790.6
0°	24810.2	23525.1	22370.6	21129.0	19789.4	18417.1	17066.6	15737.8	14420.0	13123.9	11849.7
-2.5°	24645.0	23448.9	22254.8	20990.4	19681.1	18319.4	16970.9	15650.8	14341.4	13069.6	11790.6
-5°	24412.0	23245.0	22054.0	20816.9	19509.5	18157.5	16821.4	15512.5	14213.6	12957.0	11678.4
-7.5°	24108.5	22946.8	21759.6	20539.5	19244.1	17917.7	16612.7	15328.5	14052.5	12803.2	11551.5
-10°	23697.4	22568.9	21419.9	20195.8	18902.4	17596.4	16329.6	15074.9	13826.3	12593.1	11373.3
-12.5°	23097.6	22059.6	20973.7	19765.7	18497.5	17232.5	16002.1	14759.1	13536.2	12329.3	11145.0
-15°	22429.3	21437.8	20350.5	19208.3	18013.7	16801.0	15618.0	14383.6	13195.2	12021.2	10868.0
-17.5°	21693.5	20701.1	19627.3	18544.2	17425.3	16315.0	15143.5	13955.0	12811.9	11684.3	10560.1
-20°	20858.6	19881.9	18858.2	17830.6	16779.6	15725.1	14583.0	13470.0	12391.2	11303.4	10227.1



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19917.7	19007.9	18049.3	17073.6	16079.9	15049.2	13983.4	12937.1	11934.1	10874.6	9848.8
-25°	18897.3	18066.3	17176.9	16264.7	15320.1	14339.2	13339.8	12368.9	11399.7	10413.1	9431.4
-27.5°	17837.0	17067.4	16261.1	15407.2	14516.3	13596.0	12666.1	11748.5	10820.3	9898.4	9003.2
-30°	16747.6	16042.4	15300.3	14510.6	13676.6	12818.9	11953.4	11093.7	10223.5	9356.3	8526.1
-32.5°	15635.6	14998.7	14313.9	13582.8	12813.7	12026.0	11227.1	10415.5	9599.0	8811.0	8026.1
-35°	14533.0	13945.2	13310.0	12642.0	11943.4	11219.7	10476.5	9725.0	8979.0	8241.1	7504.1
-37.5°	13420.3	12883.4	12307.9	11696.4	11061.5	10400.4	9723.1	9036.8	8343.3	7661.0	6980.8
-40°	12335.6	11838.7	11307.3	10751.9	10185.2	9588.5	8972.9	8339.0	7710.1	7076.0	6448.9
-42.5°	11275.1	10815.7	10328.4	9842.6	9322.9	8781.3	8218.9	7649.0	7069.9	6493.2	5939.0
-45°	10210.4	9802.0	9380.7	8938.8	8462.4	7978.7	7474.5	6957.4	6430.4	5930.5	5423.2
-47.5°	9151.9	8820.9	8444.9	8043.7	7627.0	7188.6	6739.2	6266.8	5828.8	5374.2	4941.6
-50°	8188.9	7883.2	7545.0	7182.4	6818.4	6425.8	6031.0	5638.3	5242.3	4850.3	4469.6
-52.5°	7240.7	6973.9	6680.4	6364.9	6037.7	5698.9	5353.8	5027.1	4677.6	4358.0	4040.3
-55°	6321.1	6098.4	5845.3	5567.5	5279.8	5019.1	4735.1	4450.6	4182.2	3899.8	3636.9
-57.5°	5457.9	5269.2	5067.6	4852.1	4624.1	4399.3	4172.3	3937.7	3714.8	3482.1	3243.5
-60°	4679.1	4525.8	4371.4	4202.4	4018.9	3826.5	3651.2	3464.7	3267.7	3076.7	2865.9
-62.5°	3976.6	3873.6	3739.4	3603.1	3464.1	3320.8	3166.5	3013.0	2857.2	2688.5	2496.3
-65°	3313.9	3232.8	3134.0	3040.0	2937.5	2825.9	2700.0	2575.1	2444.6	2301.6	2130.8
-67.5°	2710.9	2654.9	2586.8	2514.1	2440.8	2354.8	2256.3	2148.7	2042.1	1922.9	1788.2
-70°	2201.4	2165.0	2116.8	2056.7	1997.6	1935.9	1862.5	1774.4	1671.1	1563.7	1465.5
-72.5°	1788.9	1765.8	1733.8	1689.5	1637.1	1581.2	1512.8	1432.6	1343.9	1246.7	1158.6
-75°	1449.4	1439.2	1418.6	1373.6	1319.6	1256.3	1190.5	1117.9	1033.2	935.8	852.3
-77.5°	1149.4	1150.8	1141.5	1092.5	1038.6	979.7	912.5	829.9	747.2	663.7	600.0
-80°	844.1	849.8	844.2	795.0	745.1	694.7	641.4	572.7	503.3	437.3	387.7
-82.5°	523.6	521.3	513.7	484.2	454.4	424.4	392.9	345.9	299.9	255.0	215.8
-85°	249.4	239.6	229.3	218.3	206.8	194.8	182.0	159.6	138.6	119.3	102.6
-87.5°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	31.3	31.5	31.5	31.2	27.8	24.5	21.4	18.4	16.7	14.9	13.1
85°	103.0	100.5	95.1	86.2	67.9	48.9	42.6	36.8	33.3	29.8	26.2
82.5°	215.1	217.3	217.1	210.7	185.9	159.8	132.5	104.2	77.2	49.1	39.2
80°	388.4	384.2	375.0	357.3	316.6	270.6	236.0	200.1	165.1	128.5	90.4
77.5°	587.1	570.4	549.8	526.5	483.4	432.7	374.3	308.3	252.5	207.4	160.5
75°	809.3	782.5	753.8	715.0	659.6	596.0	532.0	455.0	369.4	288.8	230.1
72.5°	1087.9	1023.3	965.5	911.1	850.9	780.1	698.4	599.1	495.1	397.0	304.9
70°	1370.1	1273.1	1186.6	1112.6	1040.1	965.9	876.1	753.7	618.6	503.0	394.7
67.5°	1656.6	1542.0	1426.2	1315.3	1223.9	1136.5	1049.9	907.7	752.7	606.7	482.3
65°	1973.0	1819.9	1672.8	1535.8	1411.7	1302.4	1200.8	1051.7	882.9	718.7	567.6
62.5°	2298.7	2103.6	1929.3	1754.6	1600.0	1467.2	1345.0	1180.5	1007.3	827.0	656.6
60°	2641.1	2418.9	2187.4	1983.4	1793.8	1625.8	1477.9	1307.5	1123.7	931.2	745.1
57.5°	3001.7	2740.5	2480.3	2222.5	1994.9	1793.3	1607.2	1428.0	1238.1	1034.0	827.5
55°	3367.1	3085.7	2778.0	2487.3	2208.2	1968.3	1744.0	1543.6	1348.6	1135.0	898.7
52.5°	3733.0	3423.8	3093.6	2757.8	2445.3	2145.1	1894.5	1656.2	1450.3	1233.7	972.7
50°	4115.7	3761.2	3407.3	3044.6	2681.3	2352.3	2039.8	1785.3	1548.9	1327.5	1043.0
47.5°	4513.9	4119.0	3725.2	3328.8	2939.1	2550.5	2209.5	1911.7	1644.4	1412.4	1108.4
45°	4950.4	4488.6	4052.7	3624.0	3183.4	2764.6	2381.3	2032.8	1752.5	1478.4	1168.6
42.5°	5386.6	4878.7	4391.7	3914.9	3439.0	2977.4	2544.1	2175.3	1855.9	1541.6	1224.0
40°	5850.6	5270.2	4730.3	4213.0	3688.7	3179.8	2724.4	2314.1	1952.8	1607.3	1276.5
37.5°	6301.8	5671.5	5078.2	4497.6	3933.4	3398.3	2897.8	2444.3	2044.8	1681.0	1326.2
35°	6779.3	6074.7	5399.8	4784.1	4185.1	3605.6	3060.1	2575.5	2150.6	1752.9	1373.1
32.5°	7240.7	6469.0	5745.2	5066.7	4425.6	3800.9	3227.2	2714.4	2252.4	1822.6	1416.9
30°	7694.1	6864.7	6076.1	5333.9	4658.6	4005.9	3394.6	2844.3	2349.6	1889.9	1460.7
27.5°	8112.0	7231.1	6393.2	5610.1	4887.5	4200.3	3552.7	2964.8	2442.0	1959.2	1511.7
25°	8501.4	7583.7	6705.9	5875.9	5100.0	4384.5	3698.4	3076.3	2535.9	2031.5	1559.0
22.5°	8866.7	7911.1	6989.3	6120.8	5296.8	4553.6	3840.4	3194.9	2624.8	2098.0	1602.4
20°	9198.8	8206.0	7243.0	6342.7	5488.3	4714.8	3977.1	3301.3	2704.3	2158.3	1641.4
17.5°	9497.9	8475.4	7485.3	6550.1	5666.5	4857.9	4098.5	3395.2	2774.0	2212.1	1675.7
15°	9775.6	8720.4	7699.4	6731.2	5820.9	4982.5	4204.1	3476.1	2833.8	2258.9	1708.4
12.5°	10014.3	8930.5	7881.0	6885.1	5950.9	5088.1	4293.5	3543.8	2883.5	2301.1	1739.2
10°	10210.7	9104.1	8029.4	7010.9	6056.1	5174.0	4366.1	3600.9	2930.1	2337.6	1762.9
7.5°	10363.7	9240.1	8143.7	7107.9	6139.5	5245.8	4427.9	3650.2	2967.6	2365.7	1779.5
5°	10479.6	9346.3	8243.2	7189.2	6216.2	5303.8	4472.9	3685.6	2994.8	2385.0	1789.0
2.5°	10582.6	9425.9	8321.3	7241.9	6268.3	5341.6	4500.0	3706.8	3011.3	2395.3	1791.2
0°	10640.7	9464.5	8364.5	7264.4	6295.1	5358.5	4509.0	3713.9	3016.9	2396.1	1786.2
-2.5°	10582.6	9425.9	8321.3	7241.9	6268.3	5341.6	4500.0	3706.8	3011.3	2395.3	1791.2
-5°	10479.6	9346.3	8243.2	7189.2	6216.2	5303.8	4472.9	3685.6	2994.8	2385.0	1789.0
-7.5°	10363.7	9240.1	8143.7	7107.9	6139.5	5245.8	4427.9	3650.2	2967.6	2365.7	1779.5
-10°	10210.7	9104.1	8029.4	7010.9	6056.1	5174.0	4366.1	3600.9	2930.1	2337.6	1762.9
-12.5°	10014.3	8930.5	7881.0	6885.1	5950.9	5088.1	4293.5	3543.8	2883.5	2301.1	1739.2
-15°	9775.6	8720.4	7699.4	6731.2	5820.9	4982.5	4204.1	3476.1	2833.8	2258.9	1708.4
-17.5°	9497.9	8475.4	7485.3	6550.1	5666.5	4857.9	4098.5	3395.2	2774.0	2212.1	1675.7
-20°	9198.8	8206.0	7243.0	6342.7	5488.3	4714.8	3977.1	3301.3	2704.3	2158.3	1641.4



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	8866.7	7911.1	6989.3	6120.8	5296.8	4553.6	3840.4	3194.9	2624.8	2098.0	1602.4
-25°	8501.4	7583.7	6705.9	5875.9	5100.0	4384.5	3698.4	3076.3	2535.9	2031.5	1559.0
-27.5°	8112.0	7231.1	6393.2	5610.1	4887.5	4200.3	3552.7	2964.8	2442.0	1959.2	1511.7
-30°	7694.1	6864.7	6076.1	5333.9	4658.6	4005.9	3394.6	2844.3	2349.6	1889.9	1460.7
-32.5°	7240.7	6469.0	5745.2	5066.7	4425.6	3800.9	3227.2	2714.4	2252.4	1822.6	1416.9
-35°	6779.3	6074.7	5399.8	4784.1	4185.1	3605.6	3060.1	2575.5	2150.6	1752.9	1373.1
-37.5°	6301.8	5671.5	5078.2	4497.6	3933.4	3398.3	2897.8	2444.3	2044.8	1681.0	1326.2
-40°	5850.6	5270.2	4730.3	4213.0	3688.7	3179.8	2724.4	2314.1	1952.8	1607.3	1276.5
-42.5°	5386.6	4878.7	4391.7	3914.9	3439.0	2977.4	2544.1	2175.3	1855.9	1541.6	1224.0
-45°	4950.4	4488.6	4052.7	3624.0	3183.4	2764.6	2381.3	2032.8	1752.5	1478.4	1168.6
-47.5°	4513.9	4119.0	3725.2	3328.8	2939.1	2550.5	2209.5	1911.7	1644.4	1412.4	1108.4
-50°	4115.7	3761.2	3407.3	3044.6	2681.3	2352.3	2039.8	1785.3	1548.9	1327.5	1043.0
-52.5°	3733.0	3423.8	3093.6	2757.8	2445.3	2145.1	1894.5	1656.2	1450.3	1233.7	972.7
-55°	3367.1	3085.7	2778.0	2487.3	2208.2	1968.3	1744.0	1543.6	1348.6	1135.0	898.7
-57.5°	3001.7	2740.5	2480.3	2222.5	1994.9	1793.3	1607.2	1428.0	1238.1	1034.0	827.5
-60°	2641.1	2418.9	2187.4	1983.4	1793.8	1625.8	1477.9	1307.5	1123.7	931.2	745.1
-62.5°	2298.7	2103.6	1929.3	1754.6	1600.0	1467.2	1345.0	1180.5	1007.3	827.0	656.6
-65°	1973.0	1819.9	1672.8	1535.8	1411.7	1302.4	1200.8	1051.7	882.9	718.7	567.6
-67.5°	1656.6	1542.0	1426.2	1315.3	1223.9	1136.5	1049.9	907.7	752.7	606.7	482.3
-70°	1370.1	1273.1	1186.6	1112.6	1040.1	965.9	876.1	753.7	618.6	503.0	394.7
-72.5°	1087.9	1023.3	965.5	911.1	850.9	780.1	698.4	599.1	495.1	397.0	304.9
-75°	809.3	782.5	753.8	715.0	659.6	596.0	532.0	455.0	369.4	288.8	230.1
-77.5°	587.1	570.4	549.8	526.5	483.4	432.7	374.3	308.3	252.5	207.4	160.5
-80°	388.4	384.2	375.0	357.3	316.6	270.6	236.0	200.1	165.1	128.5	90.4
-82.5°	215.1	217.3	217.1	210.7	185.9	159.8	132.5	104.2	77.2	49.1	39.2
-85°	103.0	100.5	95.1	86.2	67.9	48.9	42.6	36.8	33.3	29.8	26.2
-87.5°	31.3	31.5	31.5	31.2	27.8	24.5	21.4	18.4	16.7	14.9	13.1
-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: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	11.3	9.4	7.6	5.7	3.8	1.7	0.0
85°	22.5	18.9	15.1	11.4	7.6	3.3	0.0
82.5°	33.8	28.2	22.7	17.0	11.3	5.0	0.0
80°	50.8	37.6	30.1	22.7	15.1	6.6	0.0
77.5°	110.6	58.9	37.6	28.2	18.7	8.2	0.0
75°	169.0	101.8	48.9	33.8	22.4	9.8	0.0
72.5°	225.5	143.6	78.0	39.2	25.9	11.4	0.0
70°	282.1	183.8	106.1	47.0	29.3	12.9	0.0
67.5°	349.9	222.4	133.1	64.4	32.7	14.4	0.0
65°	414.8	265.6	158.9	81.1	36.0	15.9	0.0
62.5°	476.4	312.8	183.3	97.0	39.1	17.3	0.0
60°	534.4	357.6	206.3	112.1	42.1	18.7	0.0
57.5°	595.6	399.6	236.9	126.3	50.6	20.0	0.0
55°	653.6	438.7	266.0	139.5	58.9	21.3	0.0
52.5°	707.2	475.8	293.2	151.7	66.8	22.5	0.0
50°	756.3	515.2	318.1	162.8	74.4	23.7	0.0
47.5°	802.4	551.2	340.9	174.4	81.7	24.8	0.0
45°	853.6	583.6	361.4	189.6	88.6	25.8	0.0
42.5°	900.6	612.5	379.5	203.3	95.2	26.8	0.0
40°	943.2	637.7	397.8	217.3	101.3	27.7	0.0
37.5°	981.3	659.2	415.8	231.1	107.1	28.6	0.0
35°	1014.9	684.1	431.4	244.0	112.4	29.3	0.0
32.5°	1046.1	709.0	444.3	255.9	117.3	30.0	0.0
30°	1078.4	730.3	454.7	266.8	121.8	30.7	0.0
27.5°	1107.5	747.9	470.3	276.6	125.9	31.2	0.0
25°	1133.0	761.9	484.9	285.5	129.5	31.7	0.0
22.5°	1154.9	775.9	497.8	293.2	132.7	32.1	0.0
20°	1173.0	795.2	508.9	300.0	135.5	32.5	0.0
17.5°	1195.6	811.0	518.2	305.6	137.8	32.7	0.0
15°	1219.1	823.2	525.7	310.2	139.6	32.9	0.0
12.5°	1238.3	832.1	531.4	313.8	141.0	33.1	0.0
10°	1252.8	837.5	535.4	316.3	142.0	33.1	0.0
7.5°	1262.8	839.7	537.5	317.7	142.6	33.1	0.0
5°	1267.9	838.8	538.0	318.1	142.7	33.0	0.0
2.5°	1268.2	834.7	536.7	317.4	142.3	32.9	0.0
0°	1263.4	827.7	533.7	315.8	141.6	32.7	0.0
-2.5°	1268.2	834.7	536.7	317.4	142.3	32.9	0.0
-5°	1267.9	838.8	538.0	318.1	142.7	33.0	0.0
-7.5°	1262.8	839.7	537.5	317.7	142.6	33.1	0.0
-10°	1252.8	837.5	535.4	316.3	142.0	33.1	0.0
-12.5°	1238.3	832.1	531.4	313.8	141.0	33.1	0.0
-15°	1219.1	823.2	525.7	310.2	139.6	32.9	0.0
-17.5°	1195.6	811.0	518.2	305.6	137.8	32.7	0.0
-20°	1173.0	795.2	508.9	300.0	135.5	32.5	0.0

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Scaled Data Report



REPORT NUMBER: P628021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1154.9	775.9	497.8	293.2	132.7	32.1	0.0
-25°	1133.0	761.9	484.9	285.5	129.5	31.7	0.0
-27.5°	1107.5	747.9	470.3	276.6	125.9	31.2	0.0
-30°	1078.4	730.3	454.7	266.8	121.8	30.7	0.0
-32.5°	1046.1	709.0	444.3	255.9	117.3	30.0	0.0
-35°	1014.9	684.1	431.4	244.0	112.4	29.3	0.0
-37.5°	981.3	659.2	415.8	231.1	107.1	28.6	0.0
-40°	943.2	637.7	397.8	217.3	101.3	27.7	0.0
-42.5°	900.6	612.5	379.5	203.3	95.2	26.8	0.0
-45°	853.6	583.6	361.4	189.6	88.6	25.8	0.0
-47.5°	802.4	551.2	340.9	174.4	81.7	24.8	0.0
-50°	756.3	515.2	318.1	162.8	74.4	23.7	0.0
-52.5°	707.2	475.8	293.2	151.7	66.8	22.5	0.0
-55°	653.6	438.7	266.0	139.5	58.9	21.3	0.0
-57.5°	595.6	399.6	236.9	126.3	50.6	20.0	0.0
-60°	534.4	357.6	206.3	112.1	42.1	18.7	0.0
-62.5°	476.4	312.8	183.3	97.0	39.1	17.3	0.0
-65°	414.8	265.6	158.9	81.1	36.0	15.9	0.0
-67.5°	349.9	222.4	133.1	64.4	32.7	14.4	0.0
-70°	282.1	183.8	106.1	47.0	29.3	12.9	0.0
-72.5°	225.5	143.6	78.0	39.2	25.9	11.4	0.0
-75°	169.0	101.8	48.9	33.8	22.4	9.8	0.0
-77.5°	110.6	58.9	37.6	28.2	18.7	8.2	0.0
-80°	50.8	37.6	30.1	22.7	15.1	6.6	0.0
-82.5°	33.8	28.2	22.7	17.0	11.3	5.0	0.0
-85°	22.5	18.9	15.1	11.4	7.6	3.3	0.0
-87.5°	11.3	9.4	7.6	5.7	3.8	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)