

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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-WR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5D-727-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N114  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 32115.6 lumens  
Efficiency: N/A  
Efficacy: 118.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

Beam Angle (50%): 53.8°H x 53.6°V  
Beam Lumens: 15355.7 lumens  
Beam Efficiency: 47.8%

Field Angle (10%): 100.8°H x 101.2°V  
Field Lumens: 28343.2 lumens  
Field Efficiency: 88.3%

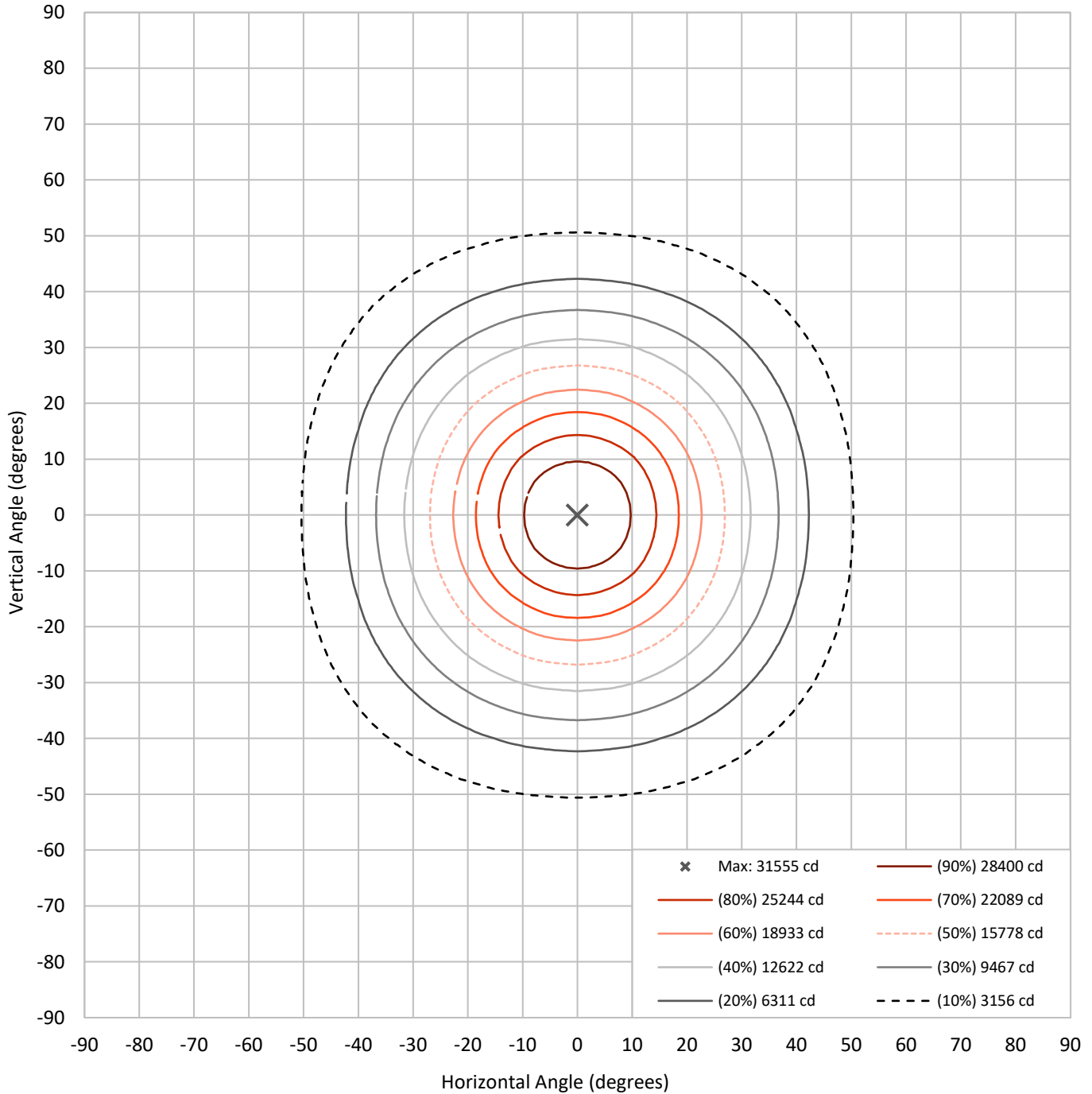
NEMA Type: 6H x 6V  
Max Intensity: 31555 candela  
Max Intensity Angle: 0°H x 0°V

Input Watts (W): 271.3  
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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

### Iso-Candela Plot





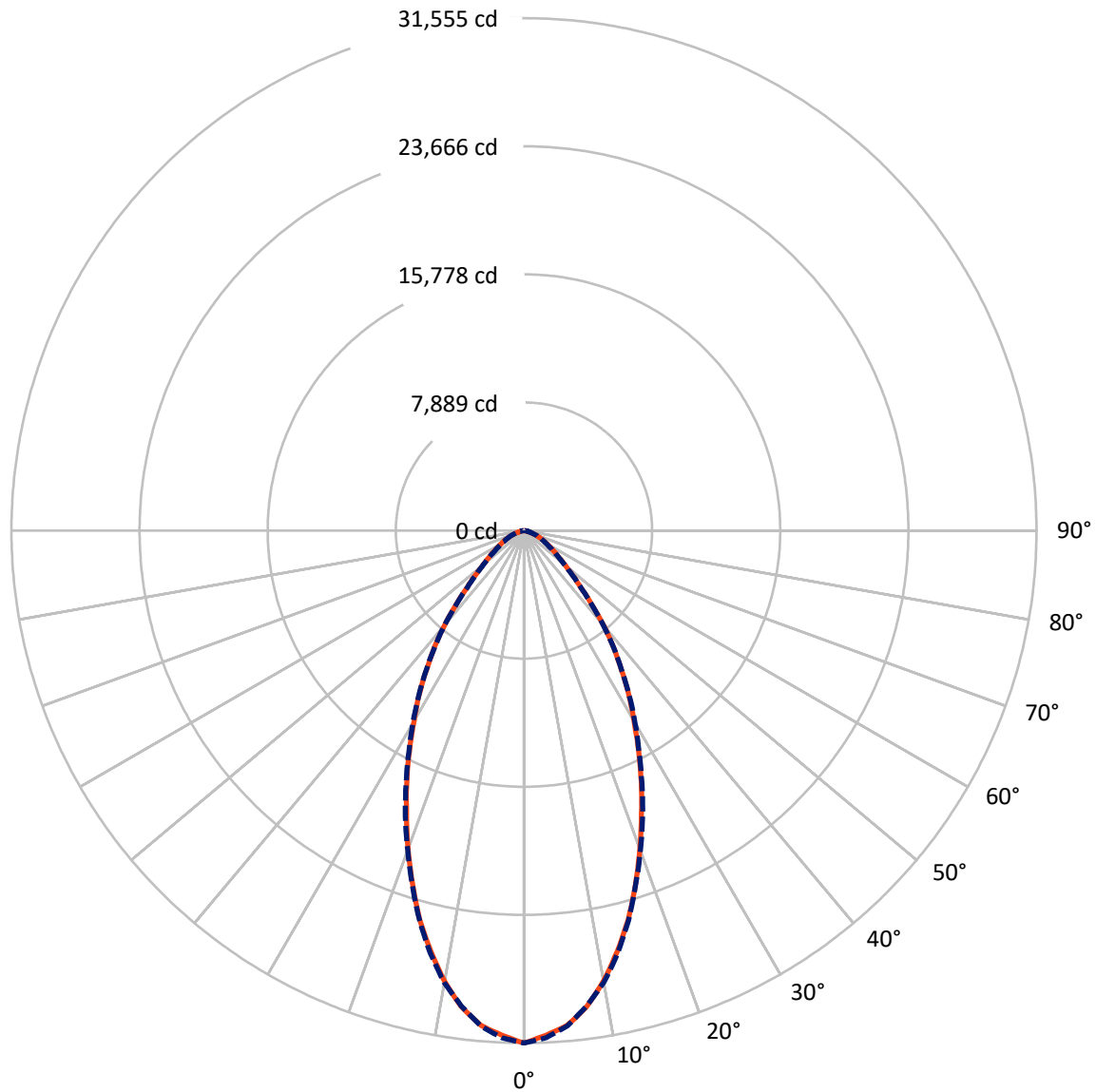
REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

### Lumen Table

90																			
80	1.2	8.9		20.2		33.6		28.8		33.6		20.2		8.9		1.2			
70																			
60	4.2	4.9	9.2	14.8	21.4	27.8	32.6	34.9	34.9	32.6	27.8	21.4	14.8	9.2	4.9	4.2			
		6.9	13.9	24.1	37.0	50.8	63.4	70.7	70.7	63.4	50.8	37.0	24.1	13.9	6.9				
50																			
40	6.1	8.8	19.2	36.0	60.6	93.2	128.5	152.1	152.1	128.5	93.2	60.6	36.0	19.2	8.8	6.1			
		10.8	25.2	52.3	101.8	180.7	262.6	311.5	311.5	262.6	180.7	101.8	52.3	25.2	10.8				
30																			
20	7.3	12.6	31.4	73.2	164.6	295.8	423.2	505.9	505.9	423.2	295.8	164.6	73.2	31.4	12.6	7.3			
		14.0	36.8	94.9	224.6	399.4	589.7	725.5	725.5	589.7	399.4	224.6	94.9	36.8	14.0				
10																			
0	7.6	14.7	39.9	109.0	258.6	464.4	706.6	888.7	888.7	706.6	464.4	258.6	109.0	39.9	14.7	7.6			
		14.7	39.9	109.0	258.6	464.4	706.6	888.7	888.7	706.6	464.4	258.6	109.0	39.9	14.7				
-10																			
-20	7.3	14.0	36.8	94.9	224.6	399.4	589.7	725.5	725.5	589.7	399.4	224.6	94.9	36.8	14.0	7.3			
		12.6	31.4	73.2	164.6	295.8	423.2	505.9	505.9	423.2	295.8	164.6	73.2	31.4	12.6				
-30																			
-40	6.1	10.8	25.2	52.3	101.8	180.7	262.6	311.5	311.5	262.6	180.7	101.8	52.3	25.2	10.8	6.1			
		8.8	19.2	36.0	60.6	93.2	128.5	152.1	152.1	128.5	93.2	60.6	36.0	19.2	8.8				
-50																			
-60	4.2	6.9	13.9	24.1	37.0	50.8	63.4	70.7	70.7	63.4	50.8	37.0	24.1	13.9	6.9	4.2			
		4.9	9.2	14.8	21.4	27.8	32.6	34.9	34.9	32.6	27.8	21.4	14.8	9.2	4.9				
-70																			
-80	1.2	8.9		20.2		33.6		28.8		33.6		20.2		8.9		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

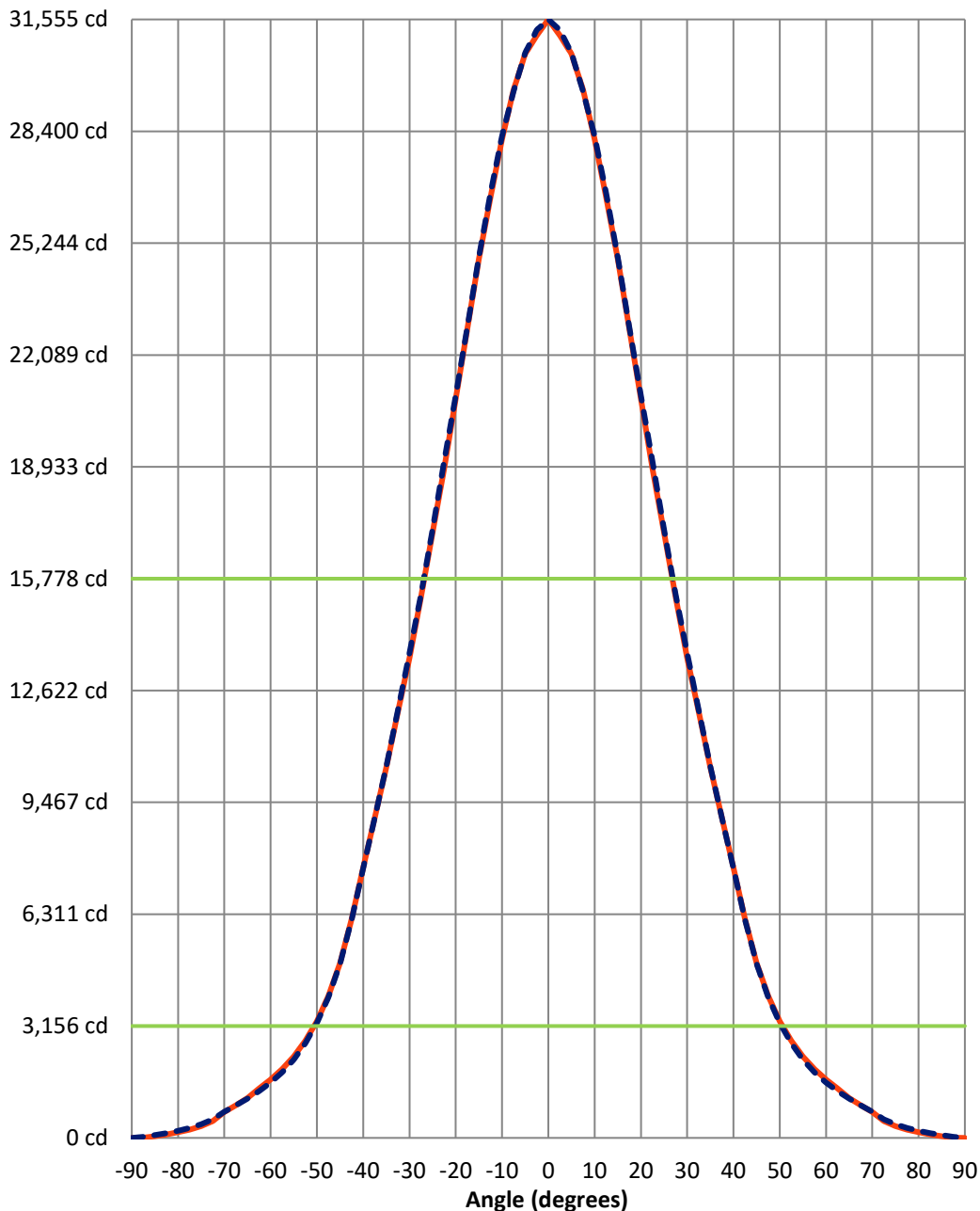
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 15355.7  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 28343.2  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3772.5  
 Efficiency: 11.7%

— 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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-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	1.6	3.7	6.0	8.7	11.7	15.0	16.6	17.9	19.0	19.8
85°	0.0	3.2	7.4	12.1	17.4	23.4	29.9	33.2	35.9	38.0	39.6
82.5°	0.0	4.8	11.0	18.0	26.0	34.9	44.8	49.8	54.9	63.6	71.3
80°	0.0	6.4	14.6	24.0	34.5	46.4	60.8	75.6	88.4	99.9	110.0
77.5°	0.0	7.9	18.2	29.8	42.9	60.3	86.8	105.9	121.8	136.1	150.4
75°	0.0	9.5	21.7	35.5	52.0	78.8	112.0	136.1	155.3	174.7	195.5
72.5°	0.0	11.0	25.2	41.2	64.4	96.8	136.5	165.8	188.8	213.6	239.9
70°	0.0	12.5	28.5	47.1	76.4	114.0	159.7	193.8	221.8	251.8	287.1
67.5°	0.0	13.9	31.8	54.4	87.8	130.5	179.8	221.3	254.1	291.4	333.6
65°	0.0	15.3	34.9	61.4	98.7	145.7	199.0	248.1	286.1	329.5	377.7
62.5°	0.0	16.7	38.0	68.0	109.0	159.5	217.0	273.5	316.7	366.0	418.8
60°	0.0	18.0	40.9	74.2	118.6	172.5	234.0	297.6	345.8	401.4	458.5
57.5°	0.0	19.3	44.4	80.1	127.5	184.7	249.3	319.3	375.4	435.5	495.2
55°	0.0	20.5	47.8	85.4	135.8	195.8	263.4	336.6	404.3	468.2	530.3
52.5°	0.0	21.7	51.1	90.4	143.5	206.0	276.3	355.4	432.0	499.5	564.6
50°	0.0	22.8	54.2	94.8	150.4	215.4	288.0	373.1	458.8	529.9	602.2
47.5°	0.0	23.9	57.2	98.9	156.6	223.9	298.9	389.2	485.2	559.5	639.1
45°	0.0	24.9	60.1	102.9	162.1	231.4	311.1	403.7	504.1	591.5	674.8
42.5°	0.0	25.8	62.7	106.5	166.8	237.9	322.1	417.9	521.4	622.3	711.8
40°	0.0	26.7	65.2	110.4	171.0	243.4	331.6	431.7	538.6	651.0	747.5
37.5°	0.0	27.5	67.6	114.3	174.8	247.9	339.8	444.1	557.4	673.7	781.5
35°	0.0	28.2	69.7	118.0	177.9	252.9	346.6	455.2	575.4	698.6	816.2
32.5°	0.0	28.8	71.7	121.3	180.2	257.7	352.9	465.0	592.5	723.9	851.7
30°	0.0	29.4	73.5	124.3	181.8	261.5	359.8	474.4	608.8	749.4	885.2
27.5°	0.0	30.0	75.2	127.0	185.7	264.1	365.5	486.2	625.7	775.0	916.5
25°	0.0	30.4	76.6	129.3	189.4	265.7	369.9	496.7	644.6	800.1	945.8
22.5°	0.0	30.8	77.8	131.2	192.7	267.8	373.0	506.0	662.6	823.2	977.8
20°	0.0	31.1	78.9	132.9	195.6	272.7	374.8	513.8	679.6	843.9	1006.5
17.5°	0.0	31.4	79.7	134.2	197.9	276.7	379.0	520.1	695.2	862.2	1031.7
15°	0.0	31.5	80.4	135.1	199.8	279.8	384.1	526.1	709.3	877.9	1053.3
12.5°	0.0	31.6	80.9	135.7	201.2	282.1	387.7	531.5	721.2	891.1	1071.3
10°	0.0	31.7	81.1	136.0	202.1	283.5	390.0	534.4	730.5	902.0	1085.9
7.5°	0.0	31.7	81.2	135.9	202.5	284.1	390.9	535.1	737.0	910.5	1097.3
5°	0.0	31.6	81.1	135.5	202.4	283.9	390.5	533.5	740.5	916.2	1104.8
2.5°	0.0	31.4	80.8	134.8	201.8	282.8	388.8	529.8	741.0	919.1	1108.5
0°	0.0	31.2	80.3	133.8	200.7	281.0	385.8	524.1	738.2	918.8	1108.4
-2.5°	0.0	31.4	80.8	134.8	201.8	282.8	388.8	529.8	741.0	919.1	1108.5
-5°	0.0	31.6	81.1	135.5	202.4	283.9	390.5	533.5	740.5	916.2	1104.8
-7.5°	0.0	31.7	81.2	135.9	202.5	284.1	390.9	535.1	737.0	910.5	1097.3
-10°	0.0	31.7	81.1	136.0	202.1	283.5	390.0	534.4	730.5	902.0	1085.9
-12.5°	0.0	31.6	80.9	135.7	201.2	282.1	387.7	531.5	721.2	891.1	1071.3
-15°	0.0	31.5	80.4	135.1	199.8	279.8	384.1	526.1	709.3	877.9	1053.3
-17.5°	0.0	31.4	79.7	134.2	197.9	276.7	379.0	520.1	695.2	862.2	1031.7
-20°	0.0	31.1	78.9	132.9	195.6	272.7	374.8	513.8	679.6	843.9	1006.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	30.8	77.8	131.2	192.7	267.8	373.0	506.0	662.6	823.2	977.8
-25°	0.0	30.4	76.6	129.3	189.4	265.7	369.9	496.7	644.6	800.1	945.8
-27.5°	0.0	30.0	75.2	127.0	185.7	264.1	365.5	486.2	625.7	775.0	916.5
-30°	0.0	29.4	73.5	124.3	181.8	261.5	359.8	474.4	608.8	749.4	885.2
-32.5°	0.0	28.8	71.7	121.3	180.2	257.7	352.9	465.0	592.5	723.9	851.7
-35°	0.0	28.2	69.7	118.0	177.9	252.9	346.6	455.2	575.4	698.6	816.2
-37.5°	0.0	27.5	67.6	114.3	174.8	247.9	339.8	444.1	557.4	673.7	781.5
-40°	0.0	26.7	65.2	110.4	171.0	243.4	331.6	431.7	538.6	651.0	747.5
-42.5°	0.0	25.8	62.7	106.5	166.8	237.9	322.1	417.9	521.4	622.3	711.8
-45°	0.0	24.9	60.1	102.9	162.1	231.4	311.1	403.7	504.1	591.5	674.8
-47.5°	0.0	23.9	57.2	98.9	156.6	223.9	298.9	389.2	485.2	559.5	639.1
-50°	0.0	22.8	54.2	94.8	150.4	215.4	288.0	373.1	458.8	529.9	602.2
-52.5°	0.0	21.7	51.1	90.4	143.5	206.0	276.3	355.4	432.0	499.5	564.6
-55°	0.0	20.5	47.8	85.4	135.8	195.8	263.4	336.6	404.3	468.2	530.3
-57.5°	0.0	19.3	44.4	80.1	127.5	184.7	249.3	319.3	375.4	435.5	495.2
-60°	0.0	18.0	40.9	74.2	118.6	172.5	234.0	297.6	345.8	401.4	458.5
-62.5°	0.0	16.7	38.0	68.0	109.0	159.5	217.0	273.5	316.7	366.0	418.8
-65°	0.0	15.3	34.9	61.4	98.7	145.7	199.0	248.1	286.1	329.5	377.7
-67.5°	0.0	13.9	31.8	54.4	87.8	130.5	179.8	221.3	254.1	291.4	333.6
-70°	0.0	12.5	28.5	47.1	76.4	114.0	159.7	193.8	221.8	251.8	287.1
-72.5°	0.0	11.0	25.2	41.2	64.4	96.8	136.5	165.8	188.8	213.6	239.9
-75°	0.0	9.5	21.7	35.5	52.0	78.8	112.0	136.1	155.3	174.7	195.5
-77.5°	0.0	7.9	18.2	29.8	42.9	60.3	86.8	105.9	121.8	136.1	150.4
-80°	0.0	6.4	14.6	24.0	34.5	46.4	60.8	75.6	88.4	99.9	110.0
-82.5°	0.0	4.8	11.0	18.0	26.0	34.9	44.8	49.8	54.9	63.6	71.3
-85°	0.0	3.2	7.4	12.1	17.4	23.4	29.9	33.2	35.9	38.0	39.6
-87.5°	0.0	1.6	3.7	6.0	8.7	11.7	15.0	16.6	17.9	19.0	19.8
-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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	20.1	20.1	19.8	19.2	18.4	17.2	15.9	14.2	14.8	15.4	15.9
85°	40.2	40.2	43.6	46.7	48.1	48.3	47.3	45.3	51.1	57.9	65.0
82.5°	78.5	85.3	91.8	97.8	98.5	96.9	93.9	90.4	102.3	116.7	131.8
80°	120.4	130.4	142.0	152.8	155.3	154.2	150.9	145.4	161.1	183.3	207.3
77.5°	167.1	183.0	197.8	211.5	215.4	214.8	212.3	207.9	227.9	258.7	290.8
75°	216.3	235.6	254.7	271.5	278.7	279.3	278.4	283.2	309.5	345.6	377.4
72.5°	267.6	292.2	313.7	332.3	343.8	352.6	364.3	378.6	405.2	440.6	471.8
70°	321.8	349.1	371.9	392.4	410.1	429.3	454.0	478.5	506.5	541.9	574.3
67.5°	375.4	403.0	428.7	453.9	486.2	517.0	547.7	579.8	615.1	652.2	685.0
65°	425.0	456.2	487.6	524.2	566.1	601.1	639.0	680.6	726.9	768.7	806.7
62.5°	472.6	507.8	546.6	590.9	636.3	680.1	730.9	784.4	838.4	890.9	942.8
60°	512.8	556.7	603.8	653.8	706.2	765.8	825.4	889.0	953.6	1016.7	1081.0
57.5°	551.5	605.8	660.0	718.3	783.6	851.8	923.2	994.8	1072.1	1148.4	1221.4
55°	591.6	655.6	717.3	786.3	861.2	941.2	1022.0	1108.8	1194.1	1290.3	1379.0
52.5°	634.5	704.0	776.6	855.6	943.0	1033.3	1128.0	1227.5	1333.8	1440.7	1549.0
50°	676.3	754.7	835.5	930.0	1027.7	1130.8	1240.2	1356.3	1479.9	1603.6	1734.8
47.5°	720.0	803.7	902.4	1005.0	1116.9	1234.4	1358.2	1496.2	1633.6	1789.4	1939.8
45°	763.1	859.4	966.5	1085.7	1208.6	1340.8	1488.2	1639.7	1815.1	1991.0	2188.7
42.5°	804.5	915.6	1036.4	1163.8	1303.7	1455.7	1618.7	1809.2	2007.0	2224.8	2456.8
40°	852.1	969.2	1105.3	1247.7	1399.3	1573.1	1769.3	1980.8	2222.0	2480.0	2743.6
37.5°	898.2	1029.8	1173.3	1327.8	1503.8	1699.5	1916.0	2175.3	2453.7	2747.0	3105.6
35°	941.5	1087.4	1243.3	1412.6	1603.2	1829.9	2089.0	2375.5	2696.3	3074.6	3493.0
32.5°	987.4	1142.0	1309.4	1499.4	1715.1	1962.7	2257.0	2594.3	2973.9	3404.7	3928.2
30°	1033.7	1198.2	1375.1	1580.7	1820.6	2107.2	2441.6	2814.3	3251.0	3791.4	4405.9
27.5°	1076.5	1250.7	1444.4	1666.8	1923.2	2240.4	2618.9	3055.8	3570.4	4181.0	4898.8
25°	1115.9	1298.4	1508.2	1748.8	2036.4	2384.3	2794.7	3278.5	3889.9	4618.0	5501.1
22.5°	1153.4	1342.0	1565.9	1822.5	2138.3	2523.5	2985.4	3539.0	4214.9	5032.0	6091.1
20°	1188.5	1389.1	1623.1	1893.1	2229.4	2649.2	3160.7	3782.2	4551.3	5518.6	6669.6
17.5°	1219.5	1430.6	1677.2	1969.3	2331.0	2777.0	3326.1	3997.0	4850.8	5953.2	7203.5
15°	1246.0	1466.4	1724.1	2035.4	2422.4	2903.9	3499.7	4232.4	5163.2	6348.5	7672.3
12.5°	1268.2	1496.4	1763.4	2090.9	2499.2	3011.3	3647.9	4442.3	5467.5	6720.8	8083.8
10°	1285.8	1520.4	1795.1	2135.8	2561.2	3098.5	3770.0	4613.9	5720.7	7039.9	8431.9
7.5°	1300.5	1539.2	1819.4	2169.8	2608.1	3165.0	3865.1	4746.4	5918.6	7292.5	8699.0
5°	1310.9	1552.7	1837.9	2193.6	2642.4	3211.5	3931.6	4839.0	6059.3	7475.6	8881.7
2.5°	1316.8	1560.0	1848.5	2206.3	2663.5	3237.8	3966.5	4897.2	6136.7	7580.1	8992.1
0°	1318.0	1561.1	1851.1	2207.9	2669.5	3242.7	3972.0	4915.3	6153.1	7607.2	9032.3
-2.5°	1316.8	1560.0	1848.5	2206.3	2663.5	3237.8	3966.5	4897.2	6136.7	7580.1	8992.1
-5°	1310.9	1552.7	1837.9	2193.6	2642.4	3211.5	3931.6	4839.0	6059.3	7475.6	8881.7
-7.5°	1300.5	1539.2	1819.4	2169.8	2608.1	3165.0	3865.1	4746.4	5918.6	7292.5	8699.0
-10°	1285.8	1520.4	1795.1	2135.8	2561.2	3098.5	3770.0	4613.9	5720.7	7039.9	8431.9
-12.5°	1268.2	1496.4	1763.4	2090.9	2499.2	3011.3	3647.9	4442.3	5467.5	6720.8	8083.8
-15°	1246.0	1466.4	1724.1	2035.4	2422.4	2903.9	3499.7	4232.4	5163.2	6348.5	7672.3
-17.5°	1219.5	1430.6	1677.2	1969.3	2331.0	2777.0	3326.1	3997.0	4850.8	5953.2	7203.5
-20°	1188.5	1389.1	1623.1	1893.1	2229.4	2649.2	3160.7	3782.2	4551.3	5518.6	6669.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1153.4	1342.0	1565.9	1822.5	2138.3	2523.5	2985.4	3539.0	4214.9	5032.0	6091.1
-25°	1115.9	1298.4	1508.2	1748.8	2036.4	2384.3	2794.7	3278.5	3889.9	4618.0	5501.1
-27.5°	1076.5	1250.7	1444.4	1666.8	1923.2	2240.4	2618.9	3055.8	3570.4	4181.0	4898.8
-30°	1033.7	1198.2	1375.1	1580.7	1820.6	2107.2	2441.6	2814.3	3251.0	3791.4	4405.9
-32.5°	987.4	1142.0	1309.4	1499.4	1715.1	1962.7	2257.0	2594.3	2973.9	3404.7	3928.2
-35°	941.5	1087.4	1243.3	1412.6	1603.2	1829.9	2089.0	2375.5	2696.3	3074.6	3493.0
-37.5°	898.2	1029.8	1173.3	1327.8	1503.8	1699.5	1916.0	2175.3	2453.7	2747.0	3105.6
-40°	852.1	969.2	1105.3	1247.7	1399.3	1573.1	1769.3	1980.8	2222.0	2480.0	2743.6
-42.5°	804.5	915.6	1036.4	1163.8	1303.7	1455.7	1618.7	1809.2	2007.0	2224.8	2456.8
-45°	763.1	859.4	966.5	1085.7	1208.6	1340.8	1488.2	1639.7	1815.1	1991.0	2188.7
-47.5°	720.0	803.7	902.4	1005.0	1116.9	1234.4	1358.2	1496.2	1633.6	1789.4	1939.8
-50°	676.3	754.7	835.5	930.0	1027.7	1130.8	1240.2	1356.3	1479.9	1603.6	1734.8
-52.5°	634.5	704.0	776.6	855.6	943.0	1033.3	1128.0	1227.5	1333.8	1440.7	1549.0
-55°	591.6	655.6	717.3	786.3	861.2	941.2	1022.0	1108.8	1194.1	1290.3	1379.0
-57.5°	551.5	605.8	660.0	718.3	783.6	851.8	923.2	994.8	1072.1	1148.4	1221.4
-60°	512.8	556.7	603.8	653.8	706.2	765.8	825.4	889.0	953.6	1016.7	1081.0
-62.5°	472.6	507.8	546.6	590.9	636.3	680.1	730.9	784.4	838.4	890.9	942.8
-65°	425.0	456.2	487.6	524.2	566.1	601.1	639.0	680.6	726.9	768.7	806.7
-67.5°	375.4	403.0	428.7	453.9	486.2	517.0	547.7	579.8	615.1	652.2	685.0
-70°	321.8	349.1	371.9	392.4	410.1	429.3	454.0	478.5	506.5	541.9	574.3
-72.5°	267.6	292.2	313.7	332.3	343.8	352.6	364.3	378.6	405.2	440.6	471.8
-75°	216.3	235.6	254.7	271.5	278.7	279.3	278.4	283.2	309.5	345.6	377.4
-77.5°	167.1	183.0	197.8	211.5	215.4	214.8	212.3	207.9	227.9	258.7	290.8
-80°	120.4	130.4	142.0	152.8	155.3	154.2	150.9	145.4	161.1	183.3	207.3
-82.5°	78.5	85.3	91.8	97.8	98.5	96.9	93.9	90.4	102.3	116.7	131.8
-85°	40.2	40.2	43.6	46.7	48.1	48.3	47.3	45.3	51.1	57.9	65.0
-87.5°	20.1	20.1	19.8	19.2	18.4	17.2	15.9	14.2	14.8	15.4	15.9
-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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	16.5	16.0	15.5	14.8	14.1	13.9	13.6	13.3	12.9	12.0	11.0
85°	72.6	74.2	75.0	75.5	75.5	77.9	80.2	82.2	84.0	76.2	67.5
82.5°	147.5	154.4	160.5	166.5	172.5	176.6	179.7	181.9	183.4	166.0	146.5
80°	232.1	246.6	258.7	270.2	281.2	284.0	284.0	282.4	279.4	255.6	228.7
77.5°	322.9	341.9	357.0	372.0	386.7	392.2	394.8	396.8	398.2	368.8	332.5
75°	405.1	427.8	449.0	468.6	486.7	496.4	502.0	506.6	510.2	480.7	441.8
72.5°	498.9	523.0	545.9	567.6	586.8	599.6	607.9	614.7	620.1	603.2	578.9
70°	602.1	627.0	651.2	673.8	695.5	712.6	726.1	737.6	747.3	749.1	748.3
67.5°	716.7	746.0	774.8	799.4	825.2	849.4	870.6	888.3	902.4	911.7	916.9
65°	845.2	889.4	928.7	962.0	989.9	1022.1	1050.5	1072.2	1087.5	1099.1	1109.1
62.5°	996.8	1050.3	1095.2	1139.6	1185.4	1229.9	1257.7	1285.6	1312.9	1338.6	1360.6
60°	1142.6	1201.2	1262.1	1318.8	1371.2	1419.5	1469.4	1513.7	1552.4	1584.8	1608.9
57.5°	1298.0	1369.4	1438.6	1510.6	1578.3	1641.5	1703.2	1760.1	1809.3	1850.7	1884.6
55°	1466.7	1554.0	1636.2	1727.6	1816.1	1896.9	1971.2	2047.4	2116.1	2176.5	2224.5
52.5°	1648.5	1762.1	1870.9	1978.2	2093.0	2196.6	2289.3	2394.9	2488.6	2566.0	2626.4
50°	1865.7	1999.1	2142.8	2275.8	2420.5	2563.1	2694.6	2821.9	2946.4	3054.2	3141.3
47.5°	2112.9	2277.1	2455.2	2631.4	2811.1	3006.0	3179.9	3341.6	3515.7	3666.9	3788.2
45°	2387.8	2597.1	2812.2	3059.8	3288.1	3538.5	3770.2	3978.4	4225.3	4442.8	4618.0
42.5°	2692.7	2971.6	3254.2	3566.3	3869.0	4187.0	4524.6	4824.1	5151.7	5463.9	5716.3
40°	3070.6	3403.9	3782.5	4160.3	4594.9	5003.1	5495.0	5942.0	6348.0	6720.4	7025.5
37.5°	3490.5	3919.6	4395.3	4887.3	5482.0	6064.8	6640.7	7184.3	7664.3	8071.8	8413.6
35°	3967.3	4512.5	5088.7	5806.9	6503.7	7201.8	7852.1	8446.3	8968.4	9428.1	9819.1
32.5°	4515.6	5170.1	5976.7	6783.5	7578.3	8346.9	9061.0	9709.0	10281.5	10797.6	11247.2
30°	5092.1	5985.2	6890.4	7775.6	8643.6	9485.5	10269.2	10983.0	11629.9	12204.5	12722.4
27.5°	5824.8	6814.4	7801.5	8755.7	9710.7	10632.2	11481.4	12274.3	13016.6	13666.1	14258.1
25°	6533.4	7626.7	8676.0	9716.4	10756.0	11745.3	12694.9	13590.4	14440.6	15186.1	15847.0
22.5°	7242.0	8386.3	9507.6	10626.2	11742.9	12845.8	13912.1	14938.2	15888.9	16737.7	17481.7
20°	7898.2	9094.4	10293.5	11499.5	12710.0	13917.2	15114.7	16269.5	17328.6	18308.6	19169.8
17.5°	8486.5	9758.7	11030.0	12320.0	13632.2	14942.8	16273.1	17567.6	18778.5	19893.5	20892.5
15°	9007.5	10335.0	11700.4	13092.4	14501.4	15924.8	17376.4	18824.8	20187.8	21454.2	22569.5
12.5°	9463.1	10843.2	12274.2	13753.2	15282.5	16833.2	18417.5	20005.0	21513.9	22976.1	24180.3
10°	9838.9	11275.3	12771.1	14325.2	15937.8	17606.8	19306.5	21015.4	22677.8	24228.9	25606.0
7.5°	10129.2	11619.4	13160.7	14777.0	16469.0	18229.0	20029.5	21843.0	23617.0	25288.4	26812.2
5°	10334.0	11869.8	13430.6	15111.9	16862.6	18686.4	20557.7	22447.6	24302.2	26059.5	27638.7
2.5°	10452.8	12020.3	13587.6	15315.4	17096.7	18963.2	20885.3	22806.3	24709.7	26532.4	28155.2
0°	10484.1	12065.4	13677.8	15337.0	17170.3	19092.7	20946.0	22872.9	24851.1	26648.6	28265.5
-2.5°	10452.8	12020.3	13587.6	15315.4	17096.7	18963.2	20885.3	22806.3	24709.7	26532.4	28155.2
-5°	10334.0	11869.8	13430.6	15111.9	16862.6	18686.4	20557.7	22447.6	24302.2	26059.5	27638.7
-7.5°	10129.2	11619.4	13160.7	14777.0	16469.0	18229.0	20029.5	21843.0	23617.0	25288.4	26812.2
-10°	9838.9	11275.3	12771.1	14325.2	15937.8	17606.8	19306.5	21015.4	22677.8	24228.9	25606.0
-12.5°	9463.1	10843.2	12274.2	13753.2	15282.5	16833.2	18417.5	20005.0	21513.9	22976.1	24180.3
-15°	9007.5	10335.0	11700.4	13092.4	14501.4	15924.8	17376.4	18824.8	20187.8	21454.2	22569.5
-17.5°	8486.5	9758.7	11030.0	12320.0	13632.2	14942.8	16273.1	17567.6	18778.5	19893.5	20892.5
-20°	7898.2	9094.4	10293.5	11499.5	12710.0	13917.2	15114.7	16269.5	17328.6	18308.6	19169.8



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7242.0	8386.3	9507.6	10626.2	11742.9	12845.8	13912.1	14938.2	15888.9	16737.7	17481.7
-25°	6533.4	7626.7	8676.0	9716.4	10756.0	11745.3	12694.9	13590.4	14440.6	15186.1	15847.0
-27.5°	5824.8	6814.4	7801.5	8755.7	9710.7	10632.2	11481.4	12274.3	13016.6	13666.1	14258.1
-30°	5092.1	5985.2	6890.4	7775.6	8643.6	9485.5	10269.2	10983.0	11629.9	12204.5	12722.4
-32.5°	4515.6	5170.1	5976.7	6783.5	7578.3	8346.9	9061.0	9709.0	10281.5	10797.6	11247.2
-35°	3967.3	4512.5	5088.7	5806.9	6503.7	7201.8	7852.1	8446.3	8968.4	9428.1	9819.1
-37.5°	3490.5	3919.6	4395.3	4887.3	5482.0	6064.8	6640.7	7184.3	7664.3	8071.8	8413.6
-40°	3070.6	3403.9	3782.5	4160.3	4594.9	5003.1	5495.0	5942.0	6348.0	6720.4	7025.5
-42.5°	2692.7	2971.6	3254.2	3566.3	3869.0	4187.0	4524.6	4824.1	5151.7	5463.9	5716.3
-45°	2387.8	2597.1	2812.2	3059.8	3288.1	3538.5	3770.2	3978.4	4225.3	4442.8	4618.0
-47.5°	2112.9	2277.1	2455.2	2631.4	2811.1	3006.0	3179.9	3341.6	3515.7	3666.9	3788.2
-50°	1865.7	1999.1	2142.8	2275.8	2420.5	2563.1	2694.6	2821.9	2946.4	3054.2	3141.3
-52.5°	1648.5	1762.1	1870.9	1978.2	2093.0	2196.6	2289.3	2394.9	2488.6	2566.0	2626.4
-55°	1466.7	1554.0	1636.2	1727.6	1816.1	1896.9	1971.2	2047.4	2116.1	2176.5	2224.5
-57.5°	1298.0	1369.4	1438.6	1510.6	1578.3	1641.5	1703.2	1760.1	1809.3	1850.7	1884.6
-60°	1142.6	1201.2	1262.1	1318.8	1371.2	1419.5	1469.4	1513.7	1552.4	1584.8	1608.9
-62.5°	996.8	1050.3	1095.2	1139.6	1185.4	1229.9	1257.7	1285.6	1312.9	1338.6	1360.6
-65°	845.2	889.4	928.7	962.0	989.9	1022.1	1050.5	1072.2	1087.5	1099.1	1109.1
-67.5°	716.7	746.0	774.8	799.4	825.2	849.4	870.6	888.3	902.4	911.7	916.9
-70°	602.1	627.0	651.2	673.8	695.5	712.6	726.1	737.6	747.3	749.1	748.3
-72.5°	498.9	523.0	545.9	567.6	586.8	599.6	607.9	614.7	620.1	603.2	578.9
-75°	405.1	427.8	449.0	468.6	486.7	496.4	502.0	506.6	510.2	480.7	441.8
-77.5°	322.9	341.9	357.0	372.0	386.7	392.2	394.8	396.8	398.2	368.8	332.5
-80°	232.1	246.6	258.7	270.2	281.2	284.0	284.0	282.4	279.4	255.6	228.7
-82.5°	147.5	154.4	160.5	166.5	172.5	176.6	179.7	181.9	183.4	166.0	146.5
-85°	72.6	74.2	75.0	75.5	75.5	77.9	80.2	82.2	84.0	76.2	67.5
-87.5°	16.5	16.0	15.5	14.8	14.1	13.9	13.6	13.3	12.9	12.0	11.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	9.9	8.9	7.8	6.7	7.8	8.9	9.9	11.0	12.0	12.9	13.3
85°	58.4	48.9	47.9	46.8	47.9	48.9	58.4	67.5	76.2	84.0	82.2
82.5°	125.9	104.5	101.3	98.1	101.3	104.5	125.9	146.5	166.0	183.4	181.9
80°	200.6	171.6	166.0	160.6	166.0	171.6	200.6	228.7	255.6	279.4	282.4
77.5°	294.3	254.6	242.9	231.9	242.9	254.6	294.3	332.5	368.8	398.2	396.8
75°	401.5	359.7	345.6	332.3	345.6	359.7	401.5	441.8	480.7	510.2	506.6
72.5°	554.4	528.9	503.2	475.0	503.2	528.9	554.4	578.9	603.2	620.1	614.7
70°	747.5	745.7	739.3	729.3	739.3	745.7	747.5	748.3	749.1	747.3	737.6
67.5°	919.1	918.4	920.7	921.1	920.7	918.4	919.1	916.9	911.7	902.4	888.3
65°	1115.2	1117.3	1121.9	1124.0	1121.9	1117.3	1115.2	1109.1	1099.1	1087.5	1072.2
62.5°	1377.5	1388.9	1394.6	1393.9	1394.6	1388.9	1377.5	1360.6	1338.6	1312.9	1285.6
60°	1627.0	1638.8	1646.2	1648.1	1646.2	1638.8	1627.0	1608.9	1584.8	1552.4	1513.7
57.5°	1911.4	1930.8	1941.1	1942.5	1941.1	1930.8	1911.4	1884.6	1850.7	1809.3	1760.1
55°	2261.3	2287.0	2298.5	2297.1	2298.5	2287.0	2261.3	2224.5	2176.5	2116.1	2047.4
52.5°	2672.0	2703.3	2726.7	2740.9	2726.7	2703.3	2672.0	2626.4	2566.0	2488.6	2394.9
50°	3206.7	3251.6	3280.1	3291.8	3280.1	3251.6	3206.7	3141.3	3054.2	2946.4	2821.9
47.5°	3875.8	3935.2	3979.2	4009.9	3979.2	3935.2	3875.8	3788.2	3666.9	3515.7	3341.6
45°	4747.3	4837.9	4899.4	4935.4	4899.4	4837.9	4747.3	4618.0	4442.8	4225.3	3978.4
42.5°	5913.3	6053.9	6140.1	6173.2	6140.1	6053.9	5913.3	5716.3	5463.9	5151.7	4824.1
40°	7266.4	7435.4	7546.2	7622.8	7546.2	7435.4	7266.4	7025.5	6720.4	6348.0	5942.0
37.5°	8675.9	8853.3	8961.2	9034.5	8961.2	8853.3	8675.9	8413.6	8071.8	7664.3	7184.3
35°	10113.8	10299.5	10400.7	10457.4	10400.7	10299.5	10113.8	9819.1	9428.1	8968.4	8446.3
32.5°	11589.9	11794.6	11904.7	12018.5	11904.7	11794.6	11589.9	11247.2	10797.6	10281.5	9709.0
30°	13131.7	13366.5	13481.7	13537.3	13481.7	13366.5	13131.7	12722.4	12204.5	11629.9	10983.0
27.5°	14735.9	15028.7	15172.9	15267.9	15172.9	15028.7	14735.9	14258.1	13666.1	13016.6	12274.3
25°	16405.2	16768.0	16933.2	17081.1	16933.2	16768.0	16405.2	15847.0	15186.1	14440.6	13590.4
22.5°	18137.2	18589.0	18780.3	18885.3	18780.3	18589.0	18137.2	17481.7	16737.7	15888.9	14938.2
20°	19914.4	20454.2	20720.0	20856.8	20720.0	20454.2	19914.4	19169.8	18308.6	17328.6	16269.5
17.5°	21731.7	22403.1	22747.1	22826.0	22747.1	22403.1	21731.7	20892.5	19893.5	18778.5	17567.6
15°	23515.7	24242.0	24648.5	24797.5	24648.5	24242.0	23515.7	22569.5	21454.2	20187.8	18824.8
12.5°	25205.2	25958.0	26443.8	26530.4	26443.8	25958.0	25205.2	24180.3	22976.1	21513.9	20005.0
10°	26737.5	27517.4	28054.0	28176.3	28054.0	27517.4	26737.5	25606.0	24228.9	22677.8	21015.4
7.5°	28018.5	28874.2	29467.0	29570.2	29467.0	28874.2	28018.5	26812.2	25288.4	23617.0	21843.0
5°	28955.7	29971.7	30458.3	30580.4	30458.3	29971.7	28955.7	27638.7	26059.5	24302.2	22447.6
2.5°	29469.9	30504.1	31180.4	31102.3	31180.4	30504.1	29469.9	28155.2	26532.4	24709.7	22806.3
0°	29527.8	30609.4	31256.2	31555.0	31256.2	30609.4	29527.8	28265.5	26648.6	24851.1	22872.9
-2.5°	29469.9	30504.1	31180.4	31102.3	31180.4	30504.1	29469.9	28155.2	26532.4	24709.7	22806.3
-5°	28955.7	29971.7	30458.3	30580.4	30458.3	29971.7	28955.7	27638.7	26059.5	24302.2	22447.6
-7.5°	28018.5	28874.2	29467.0	29570.2	29467.0	28874.2	28018.5	26812.2	25288.4	23617.0	21843.0
-10°	26737.5	27517.4	28054.0	28176.3	28054.0	27517.4	26737.5	25606.0	24228.9	22677.8	21015.4
-12.5°	25205.2	25958.0	26443.8	26530.4	26443.8	25958.0	25205.2	24180.3	22976.1	21513.9	20005.0
-15°	23515.7	24242.0	24648.5	24797.5	24648.5	24242.0	23515.7	22569.5	21454.2	20187.8	18824.8
-17.5°	21731.7	22403.1	22747.1	22826.0	22747.1	22403.1	21731.7	20892.5	19893.5	18778.5	17567.6
-20°	19914.4	20454.2	20720.0	20856.8	20720.0	20454.2	19914.4	19169.8	18308.6	17328.6	16269.5



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18137.2	18589.0	18780.3	18885.3	18780.3	18589.0	18137.2	17481.7	16737.7	15888.9	14938.2
-25°	16405.2	16768.0	16933.2	17081.1	16933.2	16768.0	16405.2	15847.0	15186.1	14440.6	13590.4
-27.5°	14735.9	15028.7	15172.9	15267.9	15172.9	15028.7	14735.9	14258.1	13666.1	13016.6	12274.3
-30°	13131.7	13366.5	13481.7	13537.3	13481.7	13366.5	13131.7	12722.4	12204.5	11629.9	10983.0
-32.5°	11589.9	11794.6	11904.7	12018.5	11904.7	11794.6	11589.9	11247.2	10797.6	10281.5	9709.0
-35°	10113.8	10299.5	10400.7	10457.4	10400.7	10299.5	10113.8	9819.1	9428.1	8968.4	8446.3
-37.5°	8675.9	8853.3	8961.2	9034.5	8961.2	8853.3	8675.9	8413.6	8071.8	7664.3	7184.3
-40°	7266.4	7435.4	7546.2	7622.8	7546.2	7435.4	7266.4	7025.5	6720.4	6348.0	5942.0
-42.5°	5913.3	6053.9	6140.1	6173.2	6140.1	6053.9	5913.3	5716.3	5463.9	5151.7	4824.1
-45°	4747.3	4837.9	4899.4	4935.4	4899.4	4837.9	4747.3	4618.0	4442.8	4225.3	3978.4
-47.5°	3875.8	3935.2	3979.2	4009.9	3979.2	3935.2	3875.8	3788.2	3666.9	3515.7	3341.6
-50°	3206.7	3251.6	3280.1	3291.8	3280.1	3251.6	3206.7	3141.3	3054.2	2946.4	2821.9
-52.5°	2672.0	2703.3	2726.7	2740.9	2726.7	2703.3	2672.0	2626.4	2566.0	2488.6	2394.9
-55°	2261.3	2287.0	2298.5	2297.1	2298.5	2287.0	2261.3	2224.5	2176.5	2116.1	2047.4
-57.5°	1911.4	1930.8	1941.1	1942.5	1941.1	1930.8	1911.4	1884.6	1850.7	1809.3	1760.1
-60°	1627.0	1638.8	1646.2	1648.1	1646.2	1638.8	1627.0	1608.9	1584.8	1552.4	1513.7
-62.5°	1377.5	1388.9	1394.6	1393.9	1394.6	1388.9	1377.5	1360.6	1338.6	1312.9	1285.6
-65°	1115.2	1117.3	1121.9	1124.0	1121.9	1117.3	1115.2	1109.1	1099.1	1087.5	1072.2
-67.5°	919.1	918.4	920.7	921.1	920.7	918.4	919.1	916.9	911.7	902.4	888.3
-70°	747.5	745.7	739.3	729.3	739.3	745.7	747.5	748.3	749.1	747.3	737.6
-72.5°	554.4	528.9	503.2	475.0	503.2	528.9	554.4	578.9	603.2	620.1	614.7
-75°	401.5	359.7	345.6	332.3	345.6	359.7	401.5	441.8	480.7	510.2	506.6
-77.5°	294.3	254.6	242.9	231.9	242.9	254.6	294.3	332.5	368.8	398.2	396.8
-80°	200.6	171.6	166.0	160.6	166.0	171.6	200.6	228.7	255.6	279.4	282.4
-82.5°	125.9	104.5	101.3	98.1	101.3	104.5	125.9	146.5	166.0	183.4	181.9
-85°	58.4	48.9	47.9	46.8	47.9	48.9	58.4	67.5	76.2	84.0	82.2
-87.5°	9.9	8.9	7.8	6.7	7.8	8.9	9.9	11.0	12.0	12.9	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	13.6	13.9	14.1	14.8	15.5	16.0	16.5	15.9	15.4	14.8	14.2
85°	80.2	77.9	75.5	75.5	75.0	74.2	72.6	65.0	57.9	51.1	45.3
82.5°	179.7	176.6	172.5	166.5	160.5	154.4	147.5	131.8	116.7	102.3	90.4
80°	284.0	284.0	281.2	270.2	258.7	246.6	232.1	207.3	183.3	161.1	145.4
77.5°	394.8	392.2	386.7	372.0	357.0	341.9	322.9	290.8	258.7	227.9	207.9
75°	502.0	496.4	486.7	468.6	449.0	427.8	405.1	377.4	345.6	309.5	283.2
72.5°	607.9	599.6	586.8	567.6	545.9	523.0	498.9	471.8	440.6	405.2	378.6
70°	726.1	712.6	695.5	673.8	651.2	627.0	602.1	574.3	541.9	506.5	478.5
67.5°	870.6	849.4	825.2	799.4	774.8	746.0	716.7	685.0	652.2	615.1	579.8
65°	1050.5	1022.1	989.9	962.0	928.7	889.4	845.2	806.7	768.7	726.9	680.6
62.5°	1257.7	1229.9	1185.4	1139.6	1095.2	1050.3	996.8	942.8	890.9	838.4	784.4
60°	1469.4	1419.5	1371.2	1318.8	1262.1	1201.2	1142.6	1081.0	1016.7	953.6	889.0
57.5°	1703.2	1641.5	1578.3	1510.6	1438.6	1369.4	1298.0	1221.4	1148.4	1072.1	994.8
55°	1971.2	1896.9	1816.1	1727.6	1636.2	1554.0	1466.7	1379.0	1290.3	1194.1	1108.8
52.5°	2289.3	2196.6	2093.0	1978.2	1870.9	1762.1	1648.5	1549.0	1440.7	1333.8	1227.5
50°	2694.6	2563.1	2420.5	2275.8	2142.8	1999.1	1865.7	1734.8	1603.6	1479.9	1356.3
47.5°	3179.9	3006.0	2811.1	2631.4	2455.2	2277.1	2112.9	1939.8	1789.4	1633.6	1496.2
45°	3770.2	3538.5	3288.1	3059.8	2812.2	2597.1	2387.8	2188.7	1991.0	1815.1	1639.7
42.5°	4524.6	4187.0	3869.0	3566.3	3254.2	2971.6	2692.7	2456.8	2224.8	2007.0	1809.2
40°	5495.0	5003.1	4594.9	4160.3	3782.5	3403.9	3070.6	2743.6	2480.0	2222.0	1980.8
37.5°	6640.7	6064.8	5482.0	4887.3	4395.3	3919.6	3490.5	3105.6	2747.0	2453.7	2175.3
35°	7852.1	7201.8	6503.7	5806.9	5088.7	4512.5	3967.3	3493.0	3074.6	2696.3	2375.5
32.5°	9061.0	8346.9	7578.3	6783.5	5976.7	5170.1	4515.6	3928.2	3404.7	2973.9	2594.3
30°	10269.2	9485.5	8643.6	7775.6	6890.4	5985.2	5092.1	4405.9	3791.4	3251.0	2814.3
27.5°	11481.4	10632.2	9710.7	8755.7	7801.5	6814.4	5824.8	4898.8	4181.0	3570.4	3055.8
25°	12694.9	11745.3	10756.0	9716.4	8676.0	7626.7	6533.4	5501.1	4618.0	3889.9	3278.5
22.5°	13912.1	12845.8	11742.9	10626.2	9507.6	8386.3	7242.0	6091.1	5032.0	4214.9	3539.0
20°	15114.7	13917.2	12710.0	11499.5	10293.5	9094.4	7898.2	6669.6	5518.6	4551.3	3782.2
17.5°	16273.1	14942.8	13632.2	12320.0	11030.0	9758.7	8486.5	7203.5	5953.2	4850.8	3997.0
15°	17376.4	15924.8	14501.4	13092.4	11700.4	10335.0	9007.5	7672.3	6348.5	5163.2	4232.4
12.5°	18417.5	16833.2	15282.5	13753.2	12274.2	10843.2	9463.1	8083.8	6720.8	5467.5	4442.3
10°	19306.5	17606.8	15937.8	14325.2	12771.1	11275.3	9838.9	8431.9	7039.9	5720.7	4613.9
7.5°	20029.5	18229.0	16469.0	14777.0	13160.7	11619.4	10129.2	8699.0	7292.5	5918.6	4746.4
5°	20557.7	18686.4	16862.6	15111.9	13430.6	11869.8	10334.0	8881.7	7475.6	6059.3	4839.0
2.5°	20885.3	18963.2	17096.7	15315.4	13587.6	12020.3	10452.8	8992.1	7580.1	6136.7	4897.2
0°	20946.0	19092.7	17170.3	15337.0	13677.8	12065.4	10484.1	9032.3	7607.2	6153.1	4915.3
-2.5°	20885.3	18963.2	17096.7	15315.4	13587.6	12020.3	10452.8	8992.1	7580.1	6136.7	4897.2
-5°	20557.7	18686.4	16862.6	15111.9	13430.6	11869.8	10334.0	8881.7	7475.6	6059.3	4839.0
-7.5°	20029.5	18229.0	16469.0	14777.0	13160.7	11619.4	10129.2	8699.0	7292.5	5918.6	4746.4
-10°	19306.5	17606.8	15937.8	14325.2	12771.1	11275.3	9838.9	8431.9	7039.9	5720.7	4613.9
-12.5°	18417.5	16833.2	15282.5	13753.2	12274.2	10843.2	9463.1	8083.8	6720.8	5467.5	4442.3
-15°	17376.4	15924.8	14501.4	13092.4	11700.4	10335.0	9007.5	7672.3	6348.5	5163.2	4232.4
-17.5°	16273.1	14942.8	13632.2	12320.0	11030.0	9758.7	8486.5	7203.5	5953.2	4850.8	3997.0
-20°	15114.7	13917.2	12710.0	11499.5	10293.5	9094.4	7898.2	6669.6	5518.6	4551.3	3782.2



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13912.1	12845.8	11742.9	10626.2	9507.6	8386.3	7242.0	6091.1	5032.0	4214.9	3539.0
-25°	12694.9	11745.3	10756.0	9716.4	8676.0	7626.7	6533.4	5501.1	4618.0	3889.9	3278.5
-27.5°	11481.4	10632.2	9710.7	8755.7	7801.5	6814.4	5824.8	4898.8	4181.0	3570.4	3055.8
-30°	10269.2	9485.5	8643.6	7775.6	6890.4	5985.2	5092.1	4405.9	3791.4	3251.0	2814.3
-32.5°	9061.0	8346.9	7578.3	6783.5	5976.7	5170.1	4515.6	3928.2	3404.7	2973.9	2594.3
-35°	7852.1	7201.8	6503.7	5806.9	5088.7	4512.5	3967.3	3493.0	3074.6	2696.3	2375.5
-37.5°	6640.7	6064.8	5482.0	4887.3	4395.3	3919.6	3490.5	3105.6	2747.0	2453.7	2175.3
-40°	5495.0	5003.1	4594.9	4160.3	3782.5	3403.9	3070.6	2743.6	2480.0	2222.0	1980.8
-42.5°	4524.6	4187.0	3869.0	3566.3	3254.2	2971.6	2692.7	2456.8	2224.8	2007.0	1809.2
-45°	3770.2	3538.5	3288.1	3059.8	2812.2	2597.1	2387.8	2188.7	1991.0	1815.1	1639.7
-47.5°	3179.9	3006.0	2811.1	2631.4	2455.2	2277.1	2112.9	1939.8	1789.4	1633.6	1496.2
-50°	2694.6	2563.1	2420.5	2275.8	2142.8	1999.1	1865.7	1734.8	1603.6	1479.9	1356.3
-52.5°	2289.3	2196.6	2093.0	1978.2	1870.9	1762.1	1648.5	1549.0	1440.7	1333.8	1227.5
-55°	1971.2	1896.9	1816.1	1727.6	1636.2	1554.0	1466.7	1379.0	1290.3	1194.1	1108.8
-57.5°	1703.2	1641.5	1578.3	1510.6	1438.6	1369.4	1298.0	1221.4	1148.4	1072.1	994.8
-60°	1469.4	1419.5	1371.2	1318.8	1262.1	1201.2	1142.6	1081.0	1016.7	953.6	889.0
-62.5°	1257.7	1229.9	1185.4	1139.6	1095.2	1050.3	996.8	942.8	890.9	838.4	784.4
-65°	1050.5	1022.1	989.9	962.0	928.7	889.4	845.2	806.7	768.7	726.9	680.6
-67.5°	870.6	849.4	825.2	799.4	774.8	746.0	716.7	685.0	652.2	615.1	579.8
-70°	726.1	712.6	695.5	673.8	651.2	627.0	602.1	574.3	541.9	506.5	478.5
-72.5°	607.9	599.6	586.8	567.6	545.9	523.0	498.9	471.8	440.6	405.2	378.6
-75°	502.0	496.4	486.7	468.6	449.0	427.8	405.1	377.4	345.6	309.5	283.2
-77.5°	394.8	392.2	386.7	372.0	357.0	341.9	322.9	290.8	258.7	227.9	207.9
-80°	284.0	284.0	281.2	270.2	258.7	246.6	232.1	207.3	183.3	161.1	145.4
-82.5°	179.7	176.6	172.5	166.5	160.5	154.4	147.5	131.8	116.7	102.3	90.4
-85°	80.2	77.9	75.5	75.5	75.0	74.2	72.6	65.0	57.9	51.1	45.3
-87.5°	13.6	13.9	14.1	14.8	15.5	16.0	16.5	15.9	15.4	14.8	14.2
-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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	15.9	17.2	18.4	19.2	19.8	20.1	20.1	19.8	19.0	17.9	16.6
85°	47.3	48.3	48.1	46.7	43.6	40.2	40.2	39.6	38.0	35.9	33.2
82.5°	93.9	96.9	98.5	97.8	91.8	85.3	78.5	71.3	63.6	54.9	49.8
80°	150.9	154.2	155.3	152.8	142.0	130.4	120.4	110.0	99.9	88.4	75.6
77.5°	212.3	214.8	215.4	211.5	197.8	183.0	167.1	150.4	136.1	121.8	105.9
75°	278.4	279.3	278.7	271.5	254.7	235.6	216.3	195.5	174.7	155.3	136.1
72.5°	364.3	352.6	343.8	332.3	313.7	292.2	267.6	239.9	213.6	188.8	165.8
70°	454.0	429.3	410.1	392.4	371.9	349.1	321.8	287.1	251.8	221.8	193.8
67.5°	547.7	517.0	486.2	453.9	428.7	403.0	375.4	333.6	291.4	254.1	221.3
65°	639.0	601.1	566.1	524.2	487.6	456.2	425.0	377.7	329.5	286.1	248.1
62.5°	730.9	680.1	636.3	590.9	546.6	507.8	472.6	418.8	366.0	316.7	273.5
60°	825.4	765.8	706.2	653.8	603.8	556.7	512.8	458.5	401.4	345.8	297.6
57.5°	923.2	851.8	783.6	718.3	660.0	605.8	551.5	495.2	435.5	375.4	319.3
55°	1022.0	941.2	861.2	786.3	717.3	655.6	591.6	530.3	468.2	404.3	336.6
52.5°	1128.0	1033.3	943.0	855.6	776.6	704.0	634.5	564.6	499.5	432.0	355.4
50°	1240.2	1130.8	1027.7	930.0	835.5	754.7	676.3	602.2	529.9	458.8	373.1
47.5°	1358.2	1234.4	1116.9	1005.0	902.4	803.7	720.0	639.1	559.5	485.2	389.2
45°	1488.2	1340.8	1208.6	1085.7	966.5	859.4	763.1	674.8	591.5	504.1	403.7
42.5°	1618.7	1455.7	1303.7	1163.8	1036.4	915.6	804.5	711.8	622.3	521.4	417.9
40°	1769.3	1573.1	1399.3	1247.7	1105.3	969.2	852.1	747.5	651.0	538.6	431.7
37.5°	1916.0	1699.5	1503.8	1327.8	1173.3	1029.8	898.2	781.5	673.7	557.4	444.1
35°	2089.0	1829.9	1603.2	1412.6	1243.3	1087.4	941.5	816.2	698.6	575.4	455.2
32.5°	2257.0	1962.7	1715.1	1499.4	1309.4	1142.0	987.4	851.7	723.9	592.5	465.0
30°	2441.6	2107.2	1820.6	1580.7	1375.1	1198.2	1033.7	885.2	749.4	608.8	474.4
27.5°	2618.9	2240.4	1923.2	1666.8	1444.4	1250.7	1076.5	916.5	775.0	625.7	486.2
25°	2794.7	2384.3	2036.4	1748.8	1508.2	1298.4	1115.9	945.8	800.1	644.6	496.7
22.5°	2985.4	2523.5	2138.3	1822.5	1565.9	1342.0	1153.4	977.8	823.2	662.6	506.0
20°	3160.7	2649.2	2229.4	1893.1	1623.1	1389.1	1188.5	1006.5	843.9	679.6	513.8
17.5°	3326.1	2777.0	2331.0	1969.3	1677.2	1430.6	1219.5	1031.7	862.2	695.2	520.1
15°	3499.7	2903.9	2422.4	2035.4	1724.1	1466.4	1246.0	1053.3	877.9	709.3	526.1
12.5°	3647.9	3011.3	2499.2	2090.9	1763.4	1496.4	1268.2	1071.3	891.1	721.2	531.5
10°	3770.0	3098.5	2561.2	2135.8	1795.1	1520.4	1285.8	1085.9	902.0	730.5	534.4
7.5°	3865.1	3165.0	2608.1	2169.8	1819.4	1539.2	1300.5	1097.3	910.5	737.0	535.1
5°	3931.6	3211.5	2642.4	2193.6	1837.9	1552.7	1310.9	1104.8	916.2	740.5	533.5
2.5°	3966.5	3237.8	2663.5	2206.3	1848.5	1560.0	1316.8	1108.5	919.1	741.0	529.8
0°	3972.0	3242.7	2669.5	2207.9	1851.1	1561.1	1318.0	1108.4	918.8	738.2	524.1
-2.5°	3966.5	3237.8	2663.5	2206.3	1848.5	1560.0	1316.8	1108.5	919.1	741.0	529.8
-5°	3931.6	3211.5	2642.4	2193.6	1837.9	1552.7	1310.9	1104.8	916.2	740.5	533.5
-7.5°	3865.1	3165.0	2608.1	2169.8	1819.4	1539.2	1300.5	1097.3	910.5	737.0	535.1
-10°	3770.0	3098.5	2561.2	2135.8	1795.1	1520.4	1285.8	1085.9	902.0	730.5	534.4
-12.5°	3647.9	3011.3	2499.2	2090.9	1763.4	1496.4	1268.2	1071.3	891.1	721.2	531.5
-15°	3499.7	2903.9	2422.4	2035.4	1724.1	1466.4	1246.0	1053.3	877.9	709.3	526.1
-17.5°	3326.1	2777.0	2331.0	1969.3	1677.2	1430.6	1219.5	1031.7	862.2	695.2	520.1
-20°	3160.7	2649.2	2229.4	1893.1	1623.1	1389.1	1188.5	1006.5	843.9	679.6	513.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2985.4	2523.5	2138.3	1822.5	1565.9	1342.0	1153.4	977.8	823.2	662.6	506.0
-25°	2794.7	2384.3	2036.4	1748.8	1508.2	1298.4	1115.9	945.8	800.1	644.6	496.7
-27.5°	2618.9	2240.4	1923.2	1666.8	1444.4	1250.7	1076.5	916.5	775.0	625.7	486.2
-30°	2441.6	2107.2	1820.6	1580.7	1375.1	1198.2	1033.7	885.2	749.4	608.8	474.4
-32.5°	2257.0	1962.7	1715.1	1499.4	1309.4	1142.0	987.4	851.7	723.9	592.5	465.0
-35°	2089.0	1829.9	1603.2	1412.6	1243.3	1087.4	941.5	816.2	698.6	575.4	455.2
-37.5°	1916.0	1699.5	1503.8	1327.8	1173.3	1029.8	898.2	781.5	673.7	557.4	444.1
-40°	1769.3	1573.1	1399.3	1247.7	1105.3	969.2	852.1	747.5	651.0	538.6	431.7
-42.5°	1618.7	1455.7	1303.7	1163.8	1036.4	915.6	804.5	711.8	622.3	521.4	417.9
-45°	1488.2	1340.8	1208.6	1085.7	966.5	859.4	763.1	674.8	591.5	504.1	403.7
-47.5°	1358.2	1234.4	1116.9	1005.0	902.4	803.7	720.0	639.1	559.5	485.2	389.2
-50°	1240.2	1130.8	1027.7	930.0	835.5	754.7	676.3	602.2	529.9	458.8	373.1
-52.5°	1128.0	1033.3	943.0	855.6	776.6	704.0	634.5	564.6	499.5	432.0	355.4
-55°	1022.0	941.2	861.2	786.3	717.3	655.6	591.6	530.3	468.2	404.3	336.6
-57.5°	923.2	851.8	783.6	718.3	660.0	605.8	551.5	495.2	435.5	375.4	319.3
-60°	825.4	765.8	706.2	653.8	603.8	556.7	512.8	458.5	401.4	345.8	297.6
-62.5°	730.9	680.1	636.3	590.9	546.6	507.8	472.6	418.8	366.0	316.7	273.5
-65°	639.0	601.1	566.1	524.2	487.6	456.2	425.0	377.7	329.5	286.1	248.1
-67.5°	547.7	517.0	486.2	453.9	428.7	403.0	375.4	333.6	291.4	254.1	221.3
-70°	454.0	429.3	410.1	392.4	371.9	349.1	321.8	287.1	251.8	221.8	193.8
-72.5°	364.3	352.6	343.8	332.3	313.7	292.2	267.6	239.9	213.6	188.8	165.8
-75°	278.4	279.3	278.7	271.5	254.7	235.6	216.3	195.5	174.7	155.3	136.1
-77.5°	212.3	214.8	215.4	211.5	197.8	183.0	167.1	150.4	136.1	121.8	105.9
-80°	150.9	154.2	155.3	152.8	142.0	130.4	120.4	110.0	99.9	88.4	75.6
-82.5°	93.9	96.9	98.5	97.8	91.8	85.3	78.5	71.3	63.6	54.9	49.8
-85°	47.3	48.3	48.1	46.7	43.6	40.2	40.2	39.6	38.0	35.9	33.2
-87.5°	15.9	17.2	18.4	19.2	19.8	20.1	20.1	19.8	19.0	17.9	16.6
-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: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-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°	15.0	11.7	8.7	6.0	3.7	1.6	0.0
85°	29.9	23.4	17.4	12.1	7.4	3.2	0.0
82.5°	44.8	34.9	26.0	18.0	11.0	4.8	0.0
80°	60.8	46.4	34.5	24.0	14.6	6.4	0.0
77.5°	86.8	60.3	42.9	29.8	18.2	7.9	0.0
75°	112.0	78.8	52.0	35.5	21.7	9.5	0.0
72.5°	136.5	96.8	64.4	41.2	25.2	11.0	0.0
70°	159.7	114.0	76.4	47.1	28.5	12.5	0.0
67.5°	179.8	130.5	87.8	54.4	31.8	13.9	0.0
65°	199.0	145.7	98.7	61.4	34.9	15.3	0.0
62.5°	217.0	159.5	109.0	68.0	38.0	16.7	0.0
60°	234.0	172.5	118.6	74.2	40.9	18.0	0.0
57.5°	249.3	184.7	127.5	80.1	44.4	19.3	0.0
55°	263.4	195.8	135.8	85.4	47.8	20.5	0.0
52.5°	276.3	206.0	143.5	90.4	51.1	21.7	0.0
50°	288.0	215.4	150.4	94.8	54.2	22.8	0.0
47.5°	298.9	223.9	156.6	98.9	57.2	23.9	0.0
45°	311.1	231.4	162.1	102.9	60.1	24.9	0.0
42.5°	322.1	237.9	166.8	106.5	62.7	25.8	0.0
40°	331.6	243.4	171.0	110.4	65.2	26.7	0.0
37.5°	339.8	247.9	174.8	114.3	67.6	27.5	0.0
35°	346.6	252.9	177.9	118.0	69.7	28.2	0.0
32.5°	352.9	257.7	180.2	121.3	71.7	28.8	0.0
30°	359.8	261.5	181.8	124.3	73.5	29.4	0.0
27.5°	365.5	264.1	185.7	127.0	75.2	30.0	0.0
25°	369.9	265.7	189.4	129.3	76.6	30.4	0.0
22.5°	373.0	267.8	192.7	131.2	77.8	30.8	0.0
20°	374.8	272.7	195.6	132.9	78.9	31.1	0.0
17.5°	379.0	276.7	197.9	134.2	79.7	31.4	0.0
15°	384.1	279.8	199.8	135.1	80.4	31.5	0.0
12.5°	387.7	282.1	201.2	135.7	80.9	31.6	0.0
10°	390.0	283.5	202.1	136.0	81.1	31.7	0.0
7.5°	390.9	284.1	202.5	135.9	81.2	31.7	0.0
5°	390.5	283.9	202.4	135.5	81.1	31.6	0.0
2.5°	388.8	282.8	201.8	134.8	80.8	31.4	0.0
0°	385.8	281.0	200.7	133.8	80.3	31.2	0.0
-2.5°	388.8	282.8	201.8	134.8	80.8	31.4	0.0
-5°	390.5	283.9	202.4	135.5	81.1	31.6	0.0
-7.5°	390.9	284.1	202.5	135.9	81.2	31.7	0.0
-10°	390.0	283.5	202.1	136.0	81.1	31.7	0.0
-12.5°	387.7	282.1	201.2	135.7	80.9	31.6	0.0
-15°	384.1	279.8	199.8	135.1	80.4	31.5	0.0
-17.5°	379.0	276.7	197.9	134.2	79.7	31.4	0.0
-20°	374.8	272.7	195.6	132.9	78.9	31.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627683 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5D-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	373.0	267.8	192.7	131.2	77.8	30.8	0.0
-25°	369.9	265.7	189.4	129.3	76.6	30.4	0.0
-27.5°	365.5	264.1	185.7	127.0	75.2	30.0	0.0
-30°	359.8	261.5	181.8	124.3	73.5	29.4	0.0
-32.5°	352.9	257.7	180.2	121.3	71.7	28.8	0.0
-35°	346.6	252.9	177.9	118.0	69.7	28.2	0.0
-37.5°	339.8	247.9	174.8	114.3	67.6	27.5	0.0
-40°	331.6	243.4	171.0	110.4	65.2	26.7	0.0
-42.5°	322.1	237.9	166.8	106.5	62.7	25.8	0.0
-45°	311.1	231.4	162.1	102.9	60.1	24.9	0.0
-47.5°	298.9	223.9	156.6	98.9	57.2	23.9	0.0
-50°	288.0	215.4	150.4	94.8	54.2	22.8	0.0
-52.5°	276.3	206.0	143.5	90.4	51.1	21.7	0.0
-55°	263.4	195.8	135.8	85.4	47.8	20.5	0.0
-57.5°	249.3	184.7	127.5	80.1	44.4	19.3	0.0
-60°	234.0	172.5	118.6	74.2	40.9	18.0	0.0
-62.5°	217.0	159.5	109.0	68.0	38.0	16.7	0.0
-65°	199.0	145.7	98.7	61.4	34.9	15.3	0.0
-67.5°	179.8	130.5	87.8	54.4	31.8	13.9	0.0
-70°	159.7	114.0	76.4	47.1	28.5	12.5	0.0
-72.5°	136.5	96.8	64.4	41.2	25.2	11.0	0.0
-75°	112.0	78.8	52.0	35.5	21.7	9.5	0.0
-77.5°	86.8	60.3	42.9	29.8	18.2	7.9	0.0
-80°	60.8	46.4	34.5	24.0	14.6	6.4	0.0
-82.5°	44.8	34.9	26.0	18.0	11.0	4.8	0.0
-85°	29.9	23.4	17.4	12.1	7.4	3.2	0.0
-87.5°	15.0	11.7	8.7	6.0	3.7	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)