

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: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627723 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5D-750-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N130  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

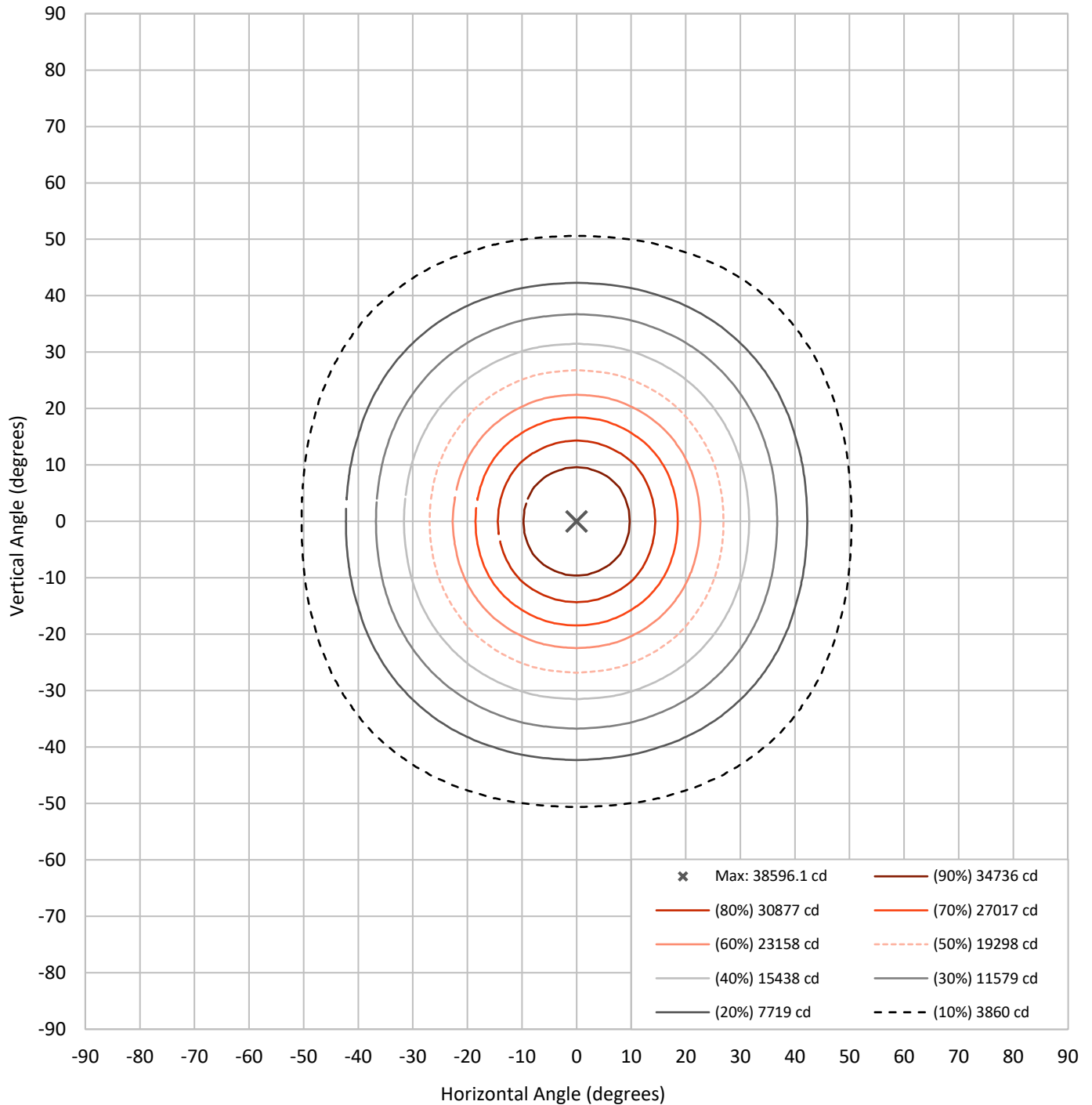
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	39281.8 lumens	Max Intensity:	38596.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	18782.2 lumens	Field Lumens:	34667.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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		



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### Iso-Candela Plot





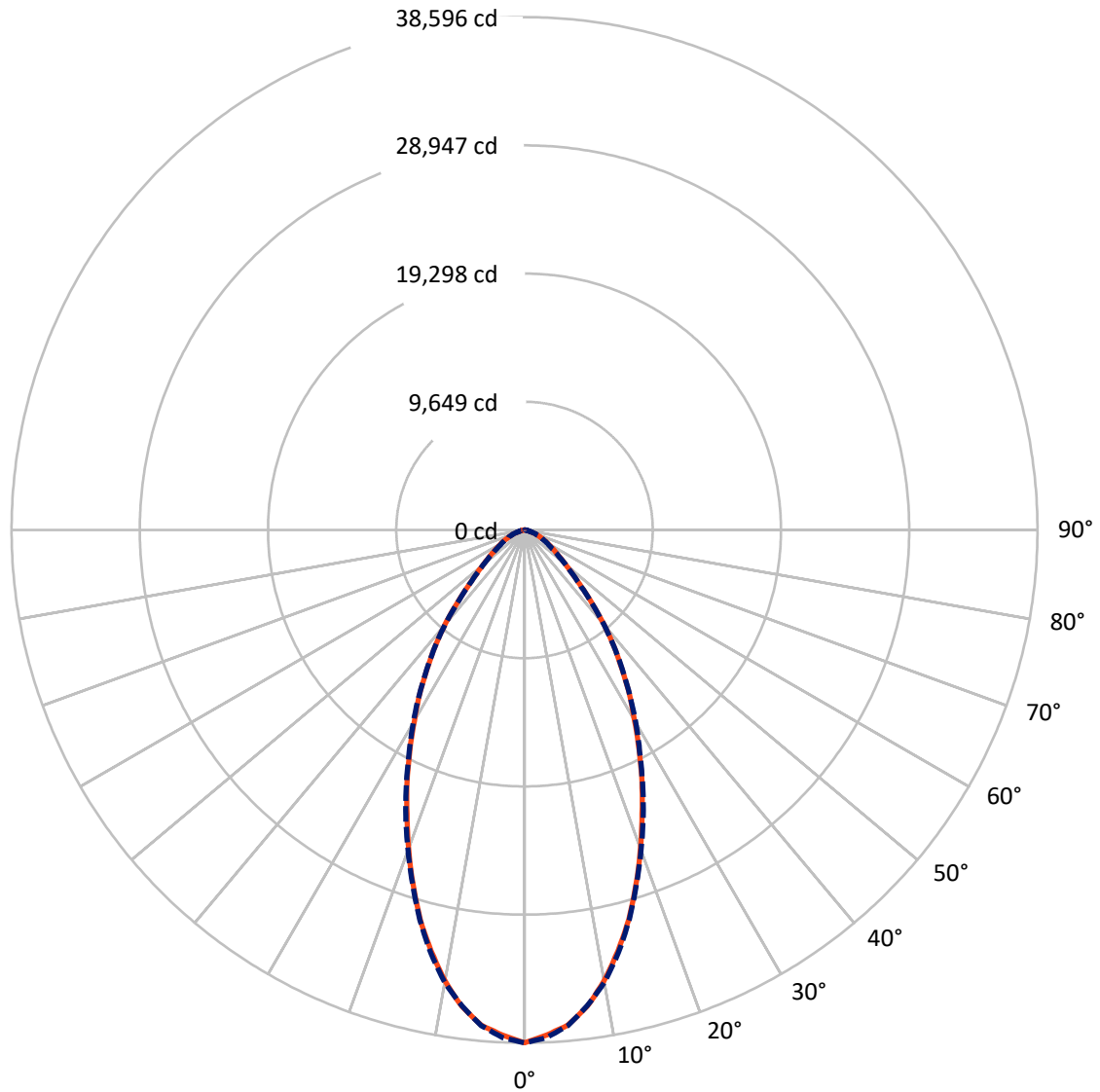
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### Lumen Table

90																			
80	1.5	10.8		24.7		41.1		35.2		41.1		24.7		10.8		1.5			
70																			
60	5.1	6.0	11.3	18.1	26.2	34.0	39.9	42.7	42.7	39.9	34.0	26.2	18.1	11.3	6.0	5.1			
50		8.4	17.0	29.5	45.2	62.2	77.6	86.5	86.5	77.6	62.2	45.2	29.5	17.0	8.4				
40	7.5	10.8	23.5	44.0	74.2	114.0	157.2	186.0	186.0	157.2	114.0	74.2	44.0	23.5	10.8	7.5			
30		13.2	30.8	64.0	124.5	221.1	321.2	381.0	381.0	321.2	221.1	124.5	64.0	30.8	13.2				
20	8.9	15.4	38.4	89.5	201.3	361.8	517.7	618.8	618.8	517.7	361.8	201.3	89.5	38.4	15.4	8.9			
10		17.1	45.1	116.1	274.7	488.5	721.3	887.3	887.3	721.3	488.5	274.7	116.1	45.1	17.1				
0	9.3	17.9	48.8	133.3	316.3	568.0	864.3	1086.9	1086.9	864.3	568.0	316.3	133.3	48.8	17.9	9.3			
-10		17.9	48.8	133.3	316.3	568.0	864.3	1086.9	1086.9	864.3	568.0	316.3	133.3	48.8	17.9				
-20	8.9	17.1	45.1	116.1	274.7	488.5	721.3	887.3	887.3	721.3	488.5	274.7	116.1	45.1	17.1	8.9			
-30		15.4	38.4	89.5	201.3	361.8	517.7	618.8	618.8	517.7	361.8	201.3	89.5	38.4	15.4				
-40	7.5	13.2	30.8	64.0	124.5	221.1	321.2	381.0	381.0	321.2	221.1	124.5	64.0	30.8	13.2	7.5			
-50		10.8	23.5	44.0	74.2	114.0	157.2	186.0	186.0	157.2	114.0	74.2	44.0	23.5	10.8				
-60	5.1	8.4	17.0	29.5	45.2	62.2	77.6	86.5	86.5	77.6	62.2	45.2	29.5	17.0	8.4	5.1			
-70		6.0	11.3	18.1	26.2	34.0	39.9	42.7	42.7	39.9	34.0	26.2	18.1	11.3	6.0				
-80	1.5	10.8		24.7		41.1		35.2		41.1		24.7		10.8		1.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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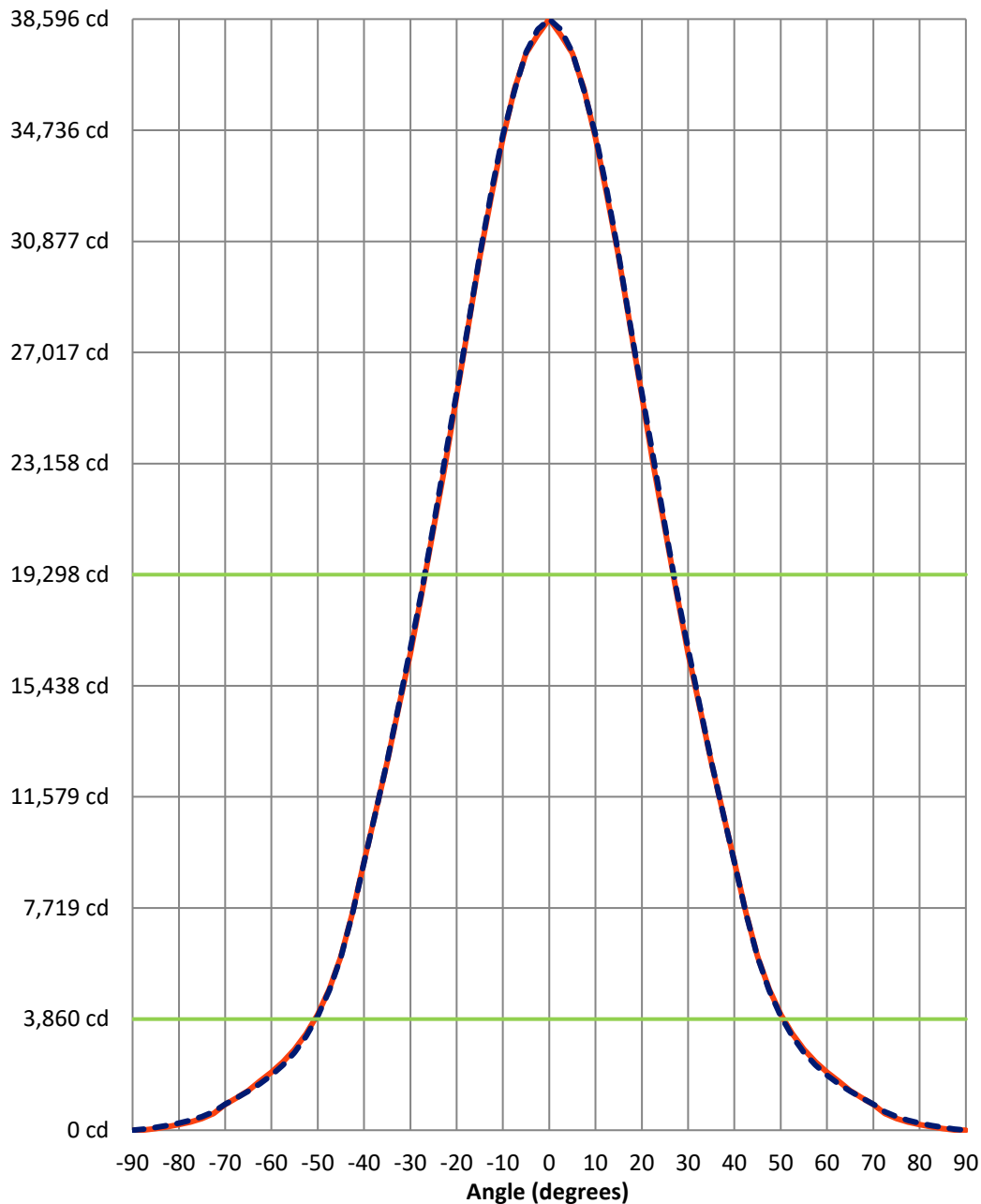
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 18782.2  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 34667.6  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 4614.2  
 Efficiency: 11.7%

- 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	2.0	4.5	7.4	10.6	14.3	18.3	20.3	21.9	23.2	24.2
85°	0.0	3.9	9.0	14.7	21.3	28.6	36.6	40.6	43.9	46.5	48.5
82.5°	0.0	5.9	13.5	22.0	31.8	42.7	54.7	60.9	67.1	77.8	87.3
80°	0.0	7.8	17.9	29.3	42.2	56.7	74.3	92.4	108.1	122.1	134.5
77.5°	0.0	9.7	22.3	36.4	52.5	73.7	106.1	129.5	149.0	166.4	183.8
75°	0.0	11.6	26.5	43.4	63.5	96.4	137.0	166.5	189.9	213.6	239.1
72.5°	0.0	13.4	30.7	50.3	78.7	118.3	166.9	202.8	230.9	261.2	293.4
70°	0.0	15.2	34.8	57.5	93.4	139.5	195.3	237.0	271.3	308.0	351.1
67.5°	0.0	17.0	38.8	66.5	107.4	159.6	219.9	270.6	310.8	356.4	408.1
65°	0.0	18.7	42.7	75.0	120.7	178.1	243.3	303.4	349.9	403.0	462.0
62.5°	0.0	20.4	46.4	83.1	133.3	195.1	265.4	334.5	387.3	447.6	512.2
60°	0.0	22.0	49.9	90.8	145.1	211.0	286.1	364.0	423.0	490.9	560.9
57.5°	0.0	23.6	54.3	97.9	156.0	225.8	304.9	390.5	459.1	532.7	605.7
55°	0.0	25.1	58.5	104.5	166.1	239.5	322.1	411.7	494.5	572.7	648.5
52.5°	0.0	26.5	62.5	110.5	175.5	252.0	337.9	434.7	528.4	610.9	690.5
50°	0.0	27.9	66.3	115.9	183.9	263.5	352.3	456.4	561.1	648.1	736.5
47.5°	0.0	29.2	70.0	120.9	191.5	273.8	365.6	476.1	593.4	684.3	781.7
45°	0.0	30.4	73.4	125.8	198.2	283.0	380.6	493.8	616.6	723.5	825.4
42.5°	0.0	31.5	76.7	130.2	203.9	290.9	393.9	511.1	637.8	761.2	870.6
40°	0.0	32.6	79.8	135.0	209.1	297.7	405.6	528.0	658.7	796.3	914.4
37.5°	0.0	33.6	82.7	139.8	213.8	303.2	415.6	543.2	681.7	824.0	955.9
35°	0.0	34.5	85.3	144.3	217.5	309.4	424.0	556.8	703.8	854.5	998.3
32.5°	0.0	35.3	87.7	148.4	220.4	315.3	431.6	568.7	724.8	885.4	1041.8
30°	0.0	36.0	89.9	152.0	222.4	319.8	440.1	580.2	744.6	916.7	1082.7
27.5°	0.0	36.7	91.9	155.3	227.1	323.1	447.0	594.6	765.3	948.0	1121.0
25°	0.0	37.2	93.7	158.1	231.7	325.0	452.4	607.5	788.4	978.7	1156.8
22.5°	0.0	37.7	95.2	160.5	235.8	327.6	456.2	618.8	810.5	1006.9	1196.0
20°	0.0	38.1	96.5	162.5	239.2	333.5	458.4	628.4	831.2	1032.2	1231.1
17.5°	0.0	38.4	97.5	164.1	242.1	338.4	463.5	636.1	850.4	1054.6	1261.9
15°	0.0	38.6	98.3	165.3	244.4	342.2	469.7	643.5	867.5	1073.8	1288.3
12.5°	0.0	38.7	98.9	166.0	246.1	345.0	474.2	650.0	882.1	1089.9	1310.4
10°	0.0	38.8	99.2	166.3	247.2	346.8	477.0	653.7	893.4	1103.3	1328.2
7.5°	0.0	38.8	99.3	166.3	247.7	347.5	478.1	654.5	901.4	1113.7	1342.1
5°	0.0	38.6	99.2	165.8	247.6	347.2	477.6	652.5	905.7	1120.7	1351.4
2.5°	0.0	38.5	98.8	164.9	246.9	345.9	475.5	648.0	906.3	1124.2	1355.9
0°	0.0	38.2	98.2	163.7	245.5	343.7	471.9	641.0	902.9	1123.9	1355.7
-2.5°	0.0	38.5	98.8	164.9	246.9	345.9	475.5	648.0	906.3	1124.2	1355.9
-5°	0.0	38.6	99.2	165.8	247.6	347.2	477.6	652.5	905.7	1120.7	1351.4
-7.5°	0.0	38.8	99.3	166.3	247.7	347.5	478.1	654.5	901.4	1113.7	1342.1
-10°	0.0	38.8	99.2	166.3	247.2	346.8	477.0	653.7	893.4	1103.3	1328.2
-12.5°	0.0	38.7	98.9	166.0	246.1	345.0	474.2	650.0	882.1	1089.9	1310.4
-15°	0.0	38.6	98.3	165.3	244.4	342.2	469.7	643.5	867.5	1073.8	1288.3
-17.5°	0.0	38.4	97.5	164.1	242.1	338.4	463.5	636.1	850.4	1054.6	1261.9
-20°	0.0	38.1	96.5	162.5	239.2	333.5	458.4	628.4	831.2	1032.2	1231.1

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Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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	37.7	95.2	160.5	235.8	327.6	456.2	618.8	810.5	1006.9	1196.0
-25°	0.0	37.2	93.7	158.1	231.7	325.0	452.4	607.5	788.4	978.7	1156.8
-27.5°	0.0	36.7	91.9	155.3	227.1	323.1	447.0	594.6	765.3	948.0	1121.0
-30°	0.0	36.0	89.9	152.0	222.4	319.8	440.1	580.2	744.6	916.7	1082.7
-32.5°	0.0	35.3	87.7	148.4	220.4	315.3	431.6	568.7	724.8	885.4	1041.8
-35°	0.0	34.5	85.3	144.3	217.5	309.4	424.0	556.8	703.8	854.5	998.3
-37.5°	0.0	33.6	82.7	139.8	213.8	303.2	415.6	543.2	681.7	824.0	955.9
-40°	0.0	32.6	79.8	135.0	209.1	297.7	405.6	528.0	658.7	796.3	914.4
-42.5°	0.0	31.5	76.7	130.2	203.9	290.9	393.9	511.1	637.8	761.2	870.6
-45°	0.0	30.4	73.4	125.8	198.2	283.0	380.6	493.8	616.6	723.5	825.4
-47.5°	0.0	29.2	70.0	120.9	191.5	273.8	365.6	476.1	593.4	684.3	781.7
-50°	0.0	27.9	66.3	115.9	183.9	263.5	352.3	456.4	561.1	648.1	736.5
-52.5°	0.0	26.5	62.5	110.5	175.5	252.0	337.9	434.7	528.4	610.9	690.5
-55°	0.0	25.1	58.5	104.5	166.1	239.5	322.1	411.7	494.5	572.7	648.5
-57.5°	0.0	23.6	54.3	97.9	156.0	225.8	304.9	390.5	459.1	532.7	605.7
-60°	0.0	22.0	49.9	90.8	145.1	211.0	286.1	364.0	423.0	490.9	560.9
-62.5°	0.0	20.4	46.4	83.1	133.3	195.1	265.4	334.5	387.3	447.6	512.2
-65°	0.0	18.7	42.7	75.0	120.7	178.1	243.3	303.4	349.9	403.0	462.0
-67.5°	0.0	17.0	38.8	66.5	107.4	159.6	219.9	270.6	310.8	356.4	408.1
-70°	0.0	15.2	34.8	57.5	93.4	139.5	195.3	237.0	271.3	308.0	351.1
-72.5°	0.0	13.4	30.7	50.3	78.7	118.3	166.9	202.8	230.9	261.2	293.4
-75°	0.0	11.6	26.5	43.4	63.5	96.4	137.0	166.5	189.9	213.6	239.1
-77.5°	0.0	9.7	22.3	36.4	52.5	73.7	106.1	129.5	149.0	166.4	183.8
-80°	0.0	7.8	17.9	29.3	42.2	56.7	74.3	92.4	108.1	122.1	134.5
-82.5°	0.0	5.9	13.5	22.0	31.8	42.7	54.7	60.9	67.1	77.8	87.3
-85°	0.0	3.9	9.0	14.7	21.3	28.6	36.6	40.6	43.9	46.5	48.5
-87.5°	0.0	2.0	4.5	7.4	10.6	14.3	18.3	20.3	21.9	23.2	24.2
-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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CATALOG NUMBER: GFLD-SA5D-750-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°	24.6	24.6	24.2	23.5	22.4	21.1	19.4	17.4	18.1	18.8	19.5
85°	49.2	49.2	53.2	57.0	58.8	59.0	57.9	55.4	62.6	70.8	79.6
82.5°	96.0	104.3	112.2	119.6	120.4	118.5	114.8	110.5	125.1	142.8	161.2
80°	147.2	159.4	173.6	186.8	189.9	188.6	184.5	177.8	197.0	224.2	253.6
77.5°	204.3	223.8	241.9	258.7	263.5	262.8	259.7	254.3	278.8	316.5	355.7
75°	264.5	288.1	311.5	332.1	340.9	341.6	340.6	346.4	378.6	422.7	461.6
72.5°	327.3	357.3	383.7	406.3	420.5	431.3	445.6	463.1	495.6	538.9	577.1
70°	393.6	427.0	454.8	479.9	501.6	525.1	555.3	585.3	619.5	662.8	702.4
67.5°	459.1	492.9	524.3	555.2	594.6	632.4	670.0	709.1	752.3	797.7	837.8
65°	519.8	558.0	596.3	641.2	692.4	735.2	781.6	832.4	889.0	940.2	986.7
62.5°	578.0	621.1	668.6	722.7	778.3	831.9	894.0	959.4	1025.5	1089.7	1153.2
60°	627.2	680.9	738.5	799.7	863.8	936.7	1009.6	1087.3	1166.4	1243.6	1322.2
57.5°	674.5	740.9	807.3	878.5	958.4	1041.8	1129.2	1216.9	1311.4	1404.8	1494.1
55°	723.6	801.8	877.4	961.8	1053.3	1151.2	1250.0	1356.3	1460.6	1578.2	1686.7
52.5°	776.1	861.2	949.9	1046.5	1153.4	1263.8	1379.7	1501.5	1631.4	1762.1	1894.7
50°	827.2	923.1	1021.9	1137.5	1257.0	1383.2	1517.0	1658.9	1810.2	1961.5	2121.9
47.5°	880.6	983.0	1103.6	1229.2	1366.1	1509.8	1661.3	1830.0	1998.2	2188.7	2372.7
45°	933.4	1051.1	1182.0	1327.9	1478.3	1640.0	1820.2	2005.6	2220.1	2435.3	2677.1
42.5°	984.0	1119.9	1267.6	1423.5	1594.6	1780.5	1979.9	2212.9	2454.8	2721.2	3005.0
40°	1042.3	1185.5	1351.9	1526.2	1711.6	1924.1	2164.0	2422.7	2717.9	3033.4	3355.8
37.5°	1098.6	1259.6	1435.1	1624.1	1839.3	2078.7	2343.6	2660.7	3001.2	3360.0	3798.6
35°	1151.6	1330.1	1520.8	1727.9	1960.9	2238.2	2555.1	2905.5	3298.0	3760.6	4272.4
32.5°	1207.8	1396.9	1601.6	1834.0	2097.8	2400.7	2760.6	3173.1	3637.5	4164.4	4804.7
30°	1264.4	1465.5	1681.9	1933.4	2226.9	2577.4	2986.4	3442.3	3976.5	4637.3	5389.1
27.5°	1316.8	1529.7	1766.8	2038.7	2352.4	2740.3	3203.3	3737.7	4367.0	5113.9	5992.0
25°	1364.9	1588.2	1844.8	2139.0	2490.8	2916.3	3418.3	4010.0	4757.9	5648.4	6728.6
22.5°	1410.8	1641.5	1915.2	2229.2	2615.5	3086.6	3651.5	4328.7	5155.4	6154.8	7450.3
20°	1453.8	1699.1	1985.3	2315.5	2726.8	3240.3	3866.0	4626.2	5566.9	6750.0	8157.9
17.5°	1491.6	1749.8	2051.5	2408.8	2851.1	3396.6	4068.3	4888.8	5933.2	7281.6	8810.9
15°	1524.1	1793.6	2108.8	2489.5	2962.9	3551.9	4280.6	5176.8	6315.3	7765.0	9384.2
12.5°	1551.1	1830.3	2156.9	2557.5	3056.9	3683.2	4461.9	5433.5	6687.5	8220.4	9887.5
10°	1572.7	1859.7	2195.7	2612.4	3132.7	3789.8	4611.3	5643.4	6997.2	8610.7	10313.4
7.5°	1590.7	1882.7	2225.4	2654.0	3190.0	3871.2	4727.5	5805.5	7239.3	8919.8	10640.1
5°	1603.5	1899.2	2248.0	2683.1	3232.1	3928.0	4808.9	5918.8	7411.5	9143.8	10863.5
2.5°	1610.7	1908.1	2260.9	2698.6	3257.9	3960.2	4851.6	5989.9	7506.1	9271.6	10998.6
0°	1612.2	1909.5	2264.1	2700.6	3265.2	3966.3	4858.3	6012.2	7526.1	9304.6	11047.7
-2.5°	1610.7	1908.1	2260.9	2698.6	3257.9	3960.2	4851.6	5989.9	7506.1	9271.6	10998.6
-5°	1603.5	1899.2	2248.0	2683.1	3232.1	3928.0	4808.9	5918.8	7411.5	9143.8	10863.5
-7.5°	1590.7	1882.7	2225.4	2654.0	3190.0	3871.2	4727.5	5805.5	7239.3	8919.8	10640.1
-10°	1572.7	1859.7	2195.7	2612.4	3132.7	3789.8	4611.3	5643.4	6997.2	8610.7	10313.4
-12.5°	1551.1	1830.3	2156.9	2557.5	3056.9	3683.2	4461.9	5433.5	6687.5	8220.4	9887.5
-15°	1524.1	1793.6	2108.8	2489.5	2962.9	3551.9	4280.6	5176.8	6315.3	7765.0	9384.2
-17.5°	1491.6	1749.8	2051.5	2408.8	2851.1	3396.6	4068.3	4888.8	5933.2	7281.6	8810.9
-20°	1453.8	1699.1	1985.3	2315.5	2726.8	3240.3	3866.0	4626.2	5566.9	6750.0	8157.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	1410.8	1641.5	1915.2	2229.2	2615.5	3086.6	3651.5	4328.7	5155.4	6154.8	7450.3
-25°	1364.9	1588.2	1844.8	2139.0	2490.8	2916.3	3418.3	4010.0	4757.9	5648.4	6728.6
-27.5°	1316.8	1529.7	1766.8	2038.7	2352.4	2740.3	3203.3	3737.7	4367.0	5113.9	5992.0
-30°	1264.4	1465.5	1681.9	1933.4	2226.9	2577.4	2986.4	3442.3	3976.5	4637.3	5389.1
-32.5°	1207.8	1396.9	1601.6	1834.0	2097.8	2400.7	2760.6	3173.1	3637.5	4164.4	4804.7
-35°	1151.6	1330.1	1520.8	1727.9	1960.9	2238.2	2555.1	2905.5	3298.0	3760.6	4272.4
-37.5°	1098.6	1259.6	1435.1	1624.1	1839.3	2078.7	2343.6	2660.7	3001.2	3360.0	3798.6
-40°	1042.3	1185.5	1351.9	1526.2	1711.6	1924.1	2164.0	2422.7	2717.9	3033.4	3355.8
-42.5°	984.0	1119.9	1267.6	1423.5	1594.6	1780.5	1979.9	2212.9	2454.8	2721.2	3005.0
-45°	933.4	1051.1	1182.0	1327.9	1478.3	1640.0	1820.2	2005.6	2220.1	2435.3	2677.1
-47.5°	880.6	983.0	1103.6	1229.2	1366.1	1509.8	1661.3	1830.0	1998.2	2188.7	2372.7
-50°	827.2	923.1	1021.9	1137.5	1257.0	1383.2	1517.0	1658.9	1810.2	1961.5	2121.9
-52.5°	776.1	861.2	949.9	1046.5	1153.4	1263.8	1379.7	1501.5	1631.4	1762.1	1894.7
-55°	723.6	801.8	877.4	961.8	1053.3	1151.2	1250.0	1356.3	1460.6	1578.2	1686.7
-57.5°	674.5	740.9	807.3	878.5	958.4	1041.8	1129.2	1216.9	1311.4	1404.8	1494.1
-60°	627.2	680.9	738.5	799.7	863.8	936.7	1009.6	1087.3	1166.4	1243.6	1322.2
-62.5°	578.0	621.1	668.6	722.7	778.3	831.9	894.0	959.4	1025.5	1089.7	1153.2
-65°	519.8	558.0	596.3	641.2	692.4	735.2	781.6	832.4	889.0	940.2	986.7
-67.5°	459.1	492.9	524.3	555.2	594.6	632.4	670.0	709.1	752.3	797.7	837.8
-70°	393.6	427.0	454.8	479.9	501.6	525.1	555.3	585.3	619.5	662.8	702.4
-72.5°	327.3	357.3	383.7	406.3	420.5	431.3	445.6	463.1	495.6	538.9	577.1
-75°	264.5	288.1	311.5	332.1	340.9	341.6	340.6	346.4	378.6	422.7	461.6
-77.5°	204.3	223.8	241.9	258.7	263.5	262.8	259.7	254.3	278.8	316.5	355.7
-80°	147.2	159.4	173.6	186.8	189.9	188.6	184.5	177.8	197.0	224.2	253.6
-82.5°	96.0	104.3	112.2	119.6	120.4	118.5	114.8	110.5	125.1	142.8	161.2
-85°	49.2	49.2	53.2	57.0	58.8	59.0	57.9	55.4	62.6	70.8	79.6
-87.5°	24.6	24.6	24.2	23.5	22.4	21.1	19.4	17.4	18.1	18.8	19.5
-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: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	20.1	19.6	18.9	18.2	17.3	17.0	16.7	16.3	15.8	14.7	13.4
85°	88.8	90.7	91.8	92.3	92.3	95.3	98.1	100.6	102.8	93.2	82.6
82.5°	180.4	188.9	196.3	203.7	211.0	216.0	219.8	222.5	224.3	203.0	179.1
80°	283.9	301.7	316.4	330.6	344.0	347.4	347.3	345.4	341.7	312.6	279.6
77.5°	394.9	418.2	436.7	455.0	473.0	479.6	482.8	485.3	486.9	451.0	406.7
75°	495.5	523.2	549.2	573.2	595.3	607.1	614.0	619.7	624.1	588.0	540.4
72.5°	610.3	639.7	667.7	694.3	717.8	733.3	743.5	751.9	758.4	737.8	708.1
70°	736.5	766.9	796.5	824.1	850.7	871.6	888.1	902.3	914.1	916.3	915.3
67.5°	876.6	912.5	947.7	977.8	1009.4	1038.9	1064.9	1086.5	1103.7	1115.1	1121.5
65°	1033.8	1087.8	1135.9	1176.6	1210.7	1250.1	1284.9	1311.5	1330.2	1344.4	1356.6
62.5°	1219.2	1284.6	1339.6	1393.9	1449.9	1504.3	1538.4	1572.5	1605.8	1637.3	1664.3
60°	1397.6	1469.4	1543.7	1613.1	1677.2	1736.2	1797.3	1851.5	1898.8	1938.5	1968.0
57.5°	1587.7	1675.0	1759.6	1847.6	1930.5	2007.7	2083.2	2152.8	2213.0	2263.6	2305.1
55°	1794.0	1900.8	2001.3	2113.1	2221.4	2320.2	2411.1	2504.3	2588.3	2662.2	2720.9
52.5°	2016.4	2155.3	2288.5	2419.7	2560.0	2686.7	2800.2	2929.4	3043.9	3138.6	3212.4
50°	2282.0	2445.2	2620.9	2783.5	2960.6	3135.0	3295.8	3451.6	3603.9	3735.7	3842.2
47.5°	2584.4	2785.2	3002.9	3218.5	3438.3	3676.8	3889.5	4087.2	4300.2	4485.1	4633.4
45°	2920.5	3176.6	3439.6	3742.5	4021.8	4328.0	4611.5	4866.1	5168.1	5434.2	5648.4
42.5°	3293.5	3634.6	3980.4	4362.1	4732.3	5121.2	5534.3	5900.6	6301.2	6683.1	6991.8
40°	3755.7	4163.5	4626.6	5088.5	5620.1	6119.5	6721.1	7267.9	7764.5	8219.9	8593.1
37.5°	4269.3	4794.2	5376.1	5977.8	6705.2	7418.1	8122.5	8787.4	9374.4	9872.8	10290.9
35°	4852.5	5519.5	6224.2	7102.6	7954.8	8808.8	9604.3	10331.0	10969.5	11531.8	12010.0
32.5°	5523.3	6323.7	7310.2	8297.1	9269.3	10209.4	11082.8	11875.4	12575.7	13207.0	13756.9
30°	6228.5	7320.6	8427.9	9510.6	10572.3	11602.1	12560.6	13433.7	14224.9	14927.8	15561.3
27.5°	7124.5	8334.9	9542.3	10709.4	11877.5	13004.5	14043.4	15013.2	15921.1	16715.6	17439.7
25°	7991.3	9328.5	10612.0	11884.5	13156.0	14366.1	15527.6	16623.1	17662.9	18574.6	19383.1
22.5°	8857.9	10257.5	11629.0	12997.4	14363.2	15712.2	17016.4	18271.5	19434.3	20472.5	21382.6
20°	9660.6	11123.7	12590.4	14065.5	15546.0	17022.6	18487.4	19899.8	21195.2	22393.9	23447.2
17.5°	10380.2	11936.2	13491.2	15069.1	16674.0	18277.1	19904.3	21487.6	22968.7	24332.5	25554.4
15°	11017.4	12641.1	14311.2	16013.8	17737.2	19478.2	21253.8	23025.3	24692.4	26241.5	27605.7
12.5°	11574.6	13262.6	15013.0	16822.2	18692.6	20589.3	22527.1	24468.9	26314.5	28102.9	29575.9
10°	12034.3	13791.3	15620.8	17521.7	19494.2	21535.6	23614.4	25704.7	27738.1	29635.2	31319.7
7.5°	12389.4	14212.1	16097.4	18074.3	20143.9	22296.5	24498.7	26717.0	28886.9	30931.2	32794.9
5°	12639.9	14518.4	16427.4	18483.9	20625.3	22856.1	25144.9	27456.5	29724.9	31874.3	33805.9
2.5°	12785.3	14702.4	16619.6	18732.8	20911.6	23194.7	25545.6	27895.2	30223.4	32452.7	34437.7
0°	12823.6	14757.6	16729.8	18759.3	21001.6	23353.0	25619.8	27976.7	30396.3	32594.9	34572.6
-2.5°	12785.3	14702.4	16619.6	18732.8	20911.6	23194.7	25545.6	27895.2	30223.4	32452.7	34437.7
-5°	12639.9	14518.4	16427.4	18483.9	20625.3	22856.1	25144.9	27456.5	29724.9	31874.3	33805.9
-7.5°	12389.4	14212.1	16097.4	18074.3	20143.9	22296.5	24498.7	26717.0	28886.9	30931.2	32794.9
-10°	12034.3	13791.3	15620.8	17521.7	19494.2	21535.6	23614.4	25704.7	27738.1	29635.2	31319.7
-12.5°	11574.6	13262.6	15013.0	16822.2	18692.6	20589.3	22527.1	24468.9	26314.5	28102.9	29575.9
-15°	11017.4	12641.1	14311.2	16013.8	17737.2	19478.2	21253.8	23025.3	24692.4	26241.5	27605.7
-17.5°	10380.2	11936.2	13491.2	15069.1	16674.0	18277.1	19904.3	21487.6	22968.7	24332.5	25554.4
-20°	9660.6	11123.7	12590.4	14065.5	15546.0	17022.6	18487.4	19899.8	21195.2	22393.9	23447.2

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8857.9	10257.5	11629.0	12997.4	14363.2	15712.2	17016.4	18271.5	19434.3	20472.5	21382.6
-25°	7991.3	9328.5	10612.0	11884.5	13156.0	14366.1	15527.6	16623.1	17662.9	18574.6	19383.1
-27.5°	7124.5	8334.9	9542.3	10709.4	11877.5	13004.5	14043.4	15013.2	15921.1	16715.6	17439.7
-30°	6228.5	7320.6	8427.9	9510.6	10572.3	11602.1	12560.6	13433.7	14224.9	14927.8	15561.3
-32.5°	5523.3	6323.7	7310.2	8297.1	9269.3	10209.4	11082.8	11875.4	12575.7	13207.0	13756.9
-35°	4852.5	5519.5	6224.2	7102.6	7954.8	8808.8	9604.3	10331.0	10969.5	11531.8	12010.0
-37.5°	4269.3	4794.2	5376.1	5977.8	6705.2	7418.1	8122.5	8787.4	9374.4	9872.8	10290.9
-40°	3755.7	4163.5	4626.6	5088.5	5620.1	6119.5	6721.1	7267.9	7764.5	8219.9	8593.1
-42.5°	3293.5	3634.6	3980.4	4362.1	4732.3	5121.2	5534.3	5900.6	6301.2	6683.1	6991.8
-45°	2920.5	3176.6	3439.6	3742.5	4021.8	4328.0	4611.5	4866.1	5168.1	5434.2	5648.4
-47.5°	2584.4	2785.2	3002.9	3218.5	3438.3	3676.8	3889.5	4087.2	4300.2	4485.1	4633.4
-50°	2282.0	2445.2	2620.9	2783.5	2960.6	3135.0	3295.8	3451.6	3603.9	3735.7	3842.2
-52.5°	2016.4	2155.3	2288.5	2419.7	2560.0	2686.7	2800.2	2929.4	3043.9	3138.6	3212.4
-55°	1794.0	1900.8	2001.3	2113.1	2221.4	2320.2	2411.1	2504.3	2588.3	2662.2	2720.9
-57.5°	1587.7	1675.0	1759.6	1847.6	1930.5	2007.7	2083.2	2152.8	2213.0	2263.6	2305.1
-60°	1397.6	1469.4	1543.7	1613.1	1677.2	1736.2	1797.3	1851.5	1898.8	1938.5	1968.0
-62.5°	1219.2	1284.6	1339.6	1393.9	1449.9	1504.3	1538.4	1572.5	1605.8	1637.3	1664.3
-65°	1033.8	1087.8	1135.9	1176.6	1210.7	1250.1	1284.9	1311.5	1330.2	1344.4	1356.6
-67.5°	876.6	912.5	947.7	977.8	1009.4	1038.9	1064.9	1086.5	1103.7	1115.1	1121.5
-70°	736.5	766.9	796.5	824.1	850.7	871.6	888.1	902.3	914.1	916.3	915.3
-72.5°	610.3	639.7	667.7	694.3	717.8	733.3	743.5	751.9	758.4	737.8	708.1
-75°	495.5	523.2	549.2	573.2	595.3	607.1	614.0	619.7	624.1	588.0	540.4
-77.5°	394.9	418.2	436.7	455.0	473.0	479.6	482.8	485.3	486.9	451.0	406.7
-80°	283.9	301.7	316.4	330.6	344.0	347.4	347.3	345.4	341.7	312.6	279.6
-82.5°	180.4	188.9	196.3	203.7	211.0	216.0	219.8	222.5	224.3	203.0	179.1
-85°	88.8	90.7	91.8	92.3	92.3	95.3	98.1	100.6	102.8	93.2	82.6
-87.5°	20.1	19.6	18.9	18.2	17.3	17.0	16.7	16.3	15.8	14.7	13.4
-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: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	12.2	10.9	9.5	8.2	9.5	10.9	12.2	13.4	14.7	15.8	16.3
85°	71.4	59.7	58.6	57.3	58.6	59.7	71.4	82.6	93.2	102.8	100.6
82.5°	154.0	127.9	123.9	120.0	123.9	127.9	154.0	179.1	203.0	224.3	222.5
80°	245.3	209.9	203.0	196.4	203.0	209.9	245.3	279.6	312.6	341.7	345.4
77.5°	360.1	311.5	297.2	283.7	297.2	311.5	360.1	406.7	451.0	486.9	485.3
75°	491.1	439.9	422.6	406.4	422.6	439.9	491.1	540.4	588.0	624.1	619.7
72.5°	678.1	646.9	615.4	581.0	615.4	646.9	678.1	708.1	737.8	758.4	751.9
70°	914.3	912.1	904.2	892.0	904.2	912.1	914.3	915.3	916.3	914.1	902.3
67.5°	1124.2	1123.3	1126.1	1126.6	1126.1	1123.3	1124.2	1121.5	1115.1	1103.7	1086.5
65°	1364.0	1366.7	1372.3	1374.8	1372.3	1366.7	1364.0	1356.6	1344.4	1330.2	1311.5
62.5°	1684.9	1698.8	1705.7	1704.9	1705.7	1698.8	1684.9	1664.3	1637.3	1605.8	1572.5
60°	1990.0	2004.5	2013.6	2015.9	2013.6	2004.5	1990.0	1968.0	1938.5	1898.8	1851.5
57.5°	2337.9	2361.6	2374.1	2375.9	2374.1	2361.6	2337.9	2305.1	2263.6	2213.0	2152.8
55°	2765.8	2797.2	2811.3	2809.7	2811.3	2797.2	2765.8	2720.9	2662.2	2588.3	2504.3
52.5°	3268.2	3306.5	3335.1	3352.5	3335.1	3306.5	3268.2	3212.4	3138.6	3043.9	2929.4
50°	3922.3	3977.2	4012.1	4026.3	4012.1	3977.2	3922.3	3842.2	3735.7	3603.9	3451.6
47.5°	4740.6	4813.3	4867.1	4904.6	4867.1	4813.3	4740.6	4633.4	4485.1	4300.2	4087.2
45°	5806.6	5917.5	5992.7	6036.7	5992.7	5917.5	5806.6	5648.4	5434.2	5168.1	4866.1
42.5°	7232.8	7404.8	7510.2	7550.6	7510.2	7404.8	7232.8	6991.8	6683.1	6301.2	5900.6
40°	8887.8	9094.5	9230.1	9323.7	9230.1	9094.5	8887.8	8593.1	8219.9	7764.5	7267.9
37.5°	10611.8	10828.9	10960.8	11050.5	10960.8	10828.9	10611.8	10290.9	9872.8	9374.4	8787.4
35°	12370.5	12597.7	12721.6	12790.8	12721.6	12597.7	12370.5	12010.0	11531.8	10969.5	10331.0
32.5°	14176.0	14426.4	14561.1	14700.3	14561.1	14426.4	14176.0	13756.9	13207.0	12575.7	11875.4
30°	16061.9	16349.1	16490.0	16558.0	16490.0	16349.1	16061.9	15561.3	14927.8	14224.9	13433.7
27.5°	18024.1	18382.2	18558.6	18674.8	18558.6	18382.2	18024.1	17439.7	16715.6	15921.1	15013.2
25°	20065.9	20509.7	20711.6	20892.5	20711.6	20509.7	20065.9	19383.1	18574.6	17662.9	16623.1
22.5°	22184.3	22736.9	22970.9	23099.3	22970.9	22736.9	22184.3	21382.6	20472.5	19434.3	18271.5
20°	24358.0	25018.3	25343.4	25510.7	25343.4	25018.3	24358.0	23447.2	22393.9	21195.2	19899.8
17.5°	26580.8	27402.1	27822.8	27919.4	27822.8	27402.1	26580.8	25554.4	24332.5	22968.7	21487.6
15°	28762.9	29651.3	30148.6	30330.8	30148.6	29651.3	28762.9	27605.7	26241.5	24692.4	23025.3
12.5°	30829.5	31750.3	32344.5	32450.3	32344.5	31750.3	30829.5	29575.9	28102.9	26314.5	24468.9
10°	32703.6	33657.6	34313.9	34463.5	34313.9	33657.6	32703.6	31319.7	29635.2	27738.1	25704.7
7.5°	34270.5	35317.1	36042.2	36168.4	36042.2	35317.1	34270.5	32794.9	30931.2	28886.9	26717.0
5°	35416.9	36659.5	37254.7	37404.1	37254.7	36659.5	35416.9	33805.9	31874.3	29724.9	27456.5
2.5°	36045.7	37310.7	38137.9	38042.4	38137.9	37310.7	36045.7	34437.7	32452.7	30223.4	27895.2
0°	36116.5	37439.5	38230.6	38596.1	38230.6	37439.5	36116.5	34572.6	32594.9	30396.3	27976.7
-2.5°	36045.7	37310.7	38137.9	38042.4	38137.9	37310.7	36045.7	34437.7	32452.7	30223.4	27895.2
-5°	35416.9	36659.5	37254.7	37404.1	37254.7	36659.5	35416.9	33805.9	31874.3	29724.9	27456.5
-7.5°	34270.5	35317.1	36042.2	36168.4	36042.2	35317.1	34270.5	32794.9	30931.2	28886.9	26717.0
-10°	32703.6	33657.6	34313.9	34463.5	34313.9	33657.6	32703.6	31319.7	29635.2	27738.1	25704.7
-12.5°	30829.5	31750.3	32344.5	32450.3	32344.5	31750.3	30829.5	29575.9	28102.9	26314.5	24468.9
-15°	28762.9	29651.3	30148.6	30330.8	30148.6	29651.3	28762.9	27605.7	26241.5	24692.4	23025.3
-17.5°	26580.8	27402.1	27822.8	27919.4	27822.8	27402.1	26580.8	25554.4	24332.5	22968.7	21487.6
-20°	24358.0	25018.3	25343.4	25510.7	25343.4	25018.3	24358.0	23447.2	22393.9	21195.2	19899.8



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-750-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°	22184.3	22736.9	22970.9	23099.3	22970.9	22736.9	22184.3	21382.6	20472.5	19434.3	18271.5
-25°	20065.9	20509.7	20711.6	20892.5	20711.6	20509.7	20065.9	19383.1	18574.6	17662.9	16623.1
-27.5°	18024.1	18382.2	18558.6	18674.8	18558.6	18382.2	18024.1	17439.7	16715.6	15921.1	15013.2
-30°	16061.9	16349.1	16490.0	16558.0	16490.0	16349.1	16061.9	15561.3	14927.8	14224.9	13433.7
-32.5°	14176.0	14426.4	14561.1	14700.3	14561.1	14426.4	14176.0	13756.9	13207.0	12575.7	11875.4
-35°	12370.5	12597.7	12721.6	12790.8	12721.6	12597.7	12370.5	12010.0	11531.8	10969.5	10331.0
-37.5°	10611.8	10828.9	10960.8	11050.5	10960.8	10828.9	10611.8	10290.9	9872.8	9374.4	8787.4
-40°	8887.8	9094.5	9230.1	9323.7	9230.1	9094.5	8887.8	8593.1	8219.9	7764.5	7267.9
-42.5°	7232.8	7404.8	7510.2	7550.6	7510.2	7404.8	7232.8	6991.8	6683.1	6301.2	5900.6
-45°	5806.6	5917.5	5992.7	6036.7	5992.7	5917.5	5806.6	5648.4	5434.2	5168.1	4866.1
-47.5°	4740.6	4813.3	4867.1	4904.6	4867.1	4813.3	4740.6	4633.4	4485.1	4300.2	4087.2
-50°	3922.3	3977.2	4012.1	4026.3	4012.1	3977.2	3922.3	3842.2	3735.7	3603.9	3451.6
-52.5°	3268.2	3306.5	3335.1	3352.5	3335.1	3306.5	3268.2	3212.4	3138.6	3043.9	2929.4
-55°	2765.8	2797.2	2811.3	2809.7	2811.3	2797.2	2765.8	2720.9	2662.2	2588.3	2504.3
-57.5°	2337.9	2361.6	2374.1	2375.9	2374.1	2361.6	2337.9	2305.1	2263.6	2213.0	2152.8
-60°	1990.0	2004.5	2013.6	2015.9	2013.6	2004.5	1990.0	1968.0	1938.5	1898.8	1851.5
-62.5°	1684.9	1698.8	1705.7	1704.9	1705.7	1698.8	1684.9	1664.3	1637.3	1605.8	1572.5
-65°	1364.0	1366.7	1372.3	1374.8	1372.3	1366.7	1364.0	1356.6	1344.4	1330.2	1311.5
-67.5°	1124.2	1123.3	1126.1	1126.6	1126.1	1123.3	1124.2	1121.5	1115.1	1103.7	1086.5
-70°	914.3	912.1	904.2	892.0	904.2	912.1	914.3	915.3	916.3	914.1	902.3
-72.5°	678.1	646.9	615.4	581.0	615.4	646.9	678.1	708.1	737.8	758.4	751.9
-75°	491.1	439.9	422.6	406.4	422.6	439.9	491.1	540.4	588.0	624.1	619.7
-77.5°	360.1	311.5	297.2	283.7	297.2	311.5	360.1	406.7	451.0	486.9	485.3
-80°	245.3	209.9	203.0	196.4	203.0	209.9	245.3	279.6	312.6	341.7	345.4
-82.5°	154.0	127.9	123.9	120.0	123.9	127.9	154.0	179.1	203.0	224.3	222.5
-85°	71.4	59.7	58.6	57.3	58.6	59.7	71.4	82.6	93.2	102.8	100.6
-87.5°	12.2	10.9	9.5	8.2	9.5	10.9	12.2	13.4	14.7	15.8	16.3
-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: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	16.7	17.0	17.3	18.2	18.9	19.6	20.1	19.5	18.8	18.1	17.4
85°	98.1	95.3	92.3	92.3	91.8	90.7	88.8	79.6	70.8	62.6	55.4
82.5°	219.8	216.0	211.0	203.7	196.3	188.9	180.4	161.2	142.8	125.1	110.5
80°	347.3	347.4	344.0	330.6	316.4	301.7	283.9	253.6	224.2	197.0	177.8
77.5°	482.8	479.6	473.0	455.0	436.7	418.2	394.9	355.7	316.5	278.8	254.3
75°	614.0	607.1	595.3	573.2	549.2	523.2	495.5	461.6	422.7	378.6	346.4
72.5°	743.5	733.3	717.8	694.3	667.7	639.7	610.3	577.1	538.9	495.6	463.1
70°	888.1	871.6	850.7	824.1	796.5	766.9	736.5	702.4	662.8	619.5	585.3
67.5°	1064.9	1038.9	1009.4	977.8	947.7	912.5	876.6	837.8	797.7	752.3	709.1
65°	1284.9	1250.1	1210.7	1176.6	1135.9	1087.8	1033.8	986.7	940.2	889.0	832.4
62.5°	1538.4	1504.3	1449.9	1393.9	1339.6	1284.6	1219.2	1153.2	1089.7	1025.5	959.4
60°	1797.3	1736.2	1677.2	1613.1	1543.7	1469.4	1397.6	1322.2	1243.6	1166.4	1087.3
57.5°	2083.2	2007.7	1930.5	1847.6	1759.6	1675.0	1587.7	1494.1	1404.8	1311.4	1216.9
55°	2411.1	2320.2	2221.4	2113.1	2001.3	1900.8	1794.0	1686.7	1578.2	1460.6	1356.3
52.5°	2800.2	2686.7	2560.0	2419.7	2288.5	2155.3	2016.4	1894.7	1762.1	1631.4	1501.5
50°	3295.8	3135.0	2960.6	2783.5	2620.9	2445.2	2282.0	2121.9	1961.5	1810.2	1658.9
47.5°	3889.5	3676.8	3438.3	3218.5	3002.9	2785.2	2584.4	2372.7	2188.7	1998.2	1830.0
45°	4611.5	4328.0	4021.8	3742.5	3439.6	3176.6	2920.5	2677.1	2435.3	2220.1	2005.6
42.5°	5534.3	5121.2	4732.3	4362.1	3980.4	3634.6	3293.5	3005.0	2721.2	2454.8	2212.9
40°	6721.1	6119.5	5620.1	5088.5	4626.6	4163.5	3755.7	3355.8	3033.4	2717.9	2422.7
37.5°	8122.5	7418.1	6705.2	5977.8	5376.1	4794.2	4269.3	3798.6	3360.0	3001.2	2660.7
35°	9604.3	8808.8	7954.8	7102.6	6224.2	5519.5	4852.5	4272.4	3760.6	3298.0	2905.5
32.5°	11082.8	10209.4	9269.3	8297.1	7310.2	6323.7	5523.3	4804.7	4164.4	3637.5	3173.1
30°	12560.6	11602.1	10572.3	9510.6	8427.9	7320.6	6228.5	5389.1	4637.3	3976.5	3442.3
27.5°	14043.4	13004.5	11877.5	10709.4	9542.3	8334.9	7124.5	5992.0	5113.9	4367.0	3737.7
25°	15527.6	14366.1	13156.0	11884.5	10612.0	9328.5	7991.3	6728.6	5648.4	4757.9	4010.0
22.5°	17016.4	15712.2	14363.2	12997.4	11629.0	10257.5	8857.9	7450.3	6154.8	5155.4	4328.7
20°	18487.4	17022.6	15546.0	14065.5	12590.4	11123.7	9660.6	8157.9	6750.0	5566.9	4626.2
17.5°	19904.3	18277.1	16674.0	15069.1	13491.2	11936.2	10380.2	8810.9	7281.6	5933.2	4888.8
15°	21253.8	19478.2	17737.2	16013.8	14311.2	12641.1	11017.4	9384.2	7765.0	6315.3	5176.8
12.5°	22527.1	20589.3	18692.6	16822.2	15013.0	13262.6	11574.6	9887.5	8220.4	6687.5	5433.5
10°	23614.4	21535.6	19494.2	17521.7	15620.8	13791.3	12034.3	10313.4	8610.7	6997.2	5643.4
7.5°	24498.7	22296.5	20143.9	18074.3	16097.4	14212.1	12389.4	10640.1	8919.8	7239.3	5805.5
5°	25144.9	22856.1	20625.3	18483.9	16427.4	14518.4	12639.9	10863.5	9143.8	7411.5	5918.8
2.5°	25545.6	23194.7	20911.6	18732.8	16619.6	14702.4	12785.3	10998.6	9271.6	7506.1	5989.9
0°	25619.8	23353.0	21001.6	18759.3	16729.8	14757.6	12823.6	11047.7	9304.6	7526.1	6012.2
-2.5°	25545.6	23194.7	20911.6	18732.8	16619.6	14702.4	12785.3	10998.6	9271.6	7506.1	5989.9
-5°	25144.9	22856.1	20625.3	18483.9	16427.4	14518.4	12639.9	10863.5	9143.8	7411.5	5918.8
-7.5°	24498.7	22296.5	20143.9	18074.3	16097.4	14212.1	12389.4	10640.1	8919.8	7239.3	5805.5
-10°	23614.4	21535.6	19494.2	17521.7	15620.8	13791.3	12034.3	10313.4	8610.7	6997.2	5643.4
-12.5°	22527.1	20589.3	18692.6	16822.2	15013.0	13262.6	11574.6	9887.5	8220.4	6687.5	5433.5
-15°	21253.8	19478.2	17737.2	16013.8	14311.2	12641.1	11017.4	9384.2	7765.0	6315.3	5176.8
-17.5°	19904.3	18277.1	16674.0	15069.1	13491.2	11936.2	10380.2	8810.9	7281.6	5933.2	4888.8
-20°	18487.4	17022.6	15546.0	14065.5	12590.4	11123.7	9660.6	8157.9	6750.0	5566.9	4626.2



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17016.4	15712.2	14363.2	12997.4	11629.0	10257.5	8857.9	7450.3	6154.8	5155.4	4328.7
-25°	15527.6	14366.1	13156.0	11884.5	10612.0	9328.5	7991.3	6728.6	5648.4	4757.9	4010.0
-27.5°	14043.4	13004.5	11877.5	10709.4	9542.3	8334.9	7124.5	5992.0	5113.9	4367.0	3737.7
-30°	12560.6	11602.1	10572.3	9510.6	8427.9	7320.6	6228.5	5389.1	4637.3	3976.5	3442.3
-32.5°	11082.8	10209.4	9269.3	8297.1	7310.2	6323.7	5523.3	4804.7	4164.4	3637.5	3173.1
-35°	9604.3	8808.8	7954.8	7102.6	6224.2	5519.5	4852.5	4272.4	3760.6	3298.0	2905.5
-37.5°	8122.5	7418.1	6705.2	5977.8	5376.1	4794.2	4269.3	3798.6	3360.0	3001.2	2660.7
-40°	6721.1	6119.5	5620.1	5088.5	4626.6	4163.5	3755.7	3355.8	3033.4	2717.9	2422.7
-42.5°	5534.3	5121.2	4732.3	4362.1	3980.4	3634.6	3293.5	3005.0	2721.2	2454.8	2212.9
-45°	4611.5	4328.0	4021.8	3742.5	3439.6	3176.6	2920.5	2677.1	2435.3	2220.1	2005.6
-47.5°	3889.5	3676.8	3438.3	3218.5	3002.9	2785.2	2584.4	2372.7	2188.7	1998.2	1830.0
-50°	3295.8	3135.0	2960.6	2783.5	2620.9	2445.2	2282.0	2121.9	1961.5	1810.2	1658.9
-52.5°	2800.2	2686.7	2560.0	2419.7	2288.5	2155.3	2016.4	1894.7	1762.1	1631.4	1501.5
-55°	2411.1	2320.2	2221.4	2113.1	2001.3	1900.8	1794.0	1686.7	1578.2	1460.6	1356.3
-57.5°	2083.2	2007.7	1930.5	1847.6	1759.6	1675.0	1587.7	1494.1	1404.8	1311.4	1216.9
-60°	1797.3	1736.2	1677.2	1613.1	1543.7	1469.4	1397.6	1322.2	1243.6	1166.4	1087.3
-62.5°	1538.4	1504.3	1449.9	1393.9	1339.6	1284.6	1219.2	1153.2	1089.7	1025.5	959.4
-65°	1284.9	1250.1	1210.7	1176.6	1135.9	1087.8	1033.8	986.7	940.2	889.0	832.4
-67.5°	1064.9	1038.9	1009.4	977.8	947.7	912.5	876.6	837.8	797.7	752.3	709.1
-70°	888.1	871.6	850.7	824.1	796.5	766.9	736.5	702.4	662.8	619.5	585.3
-72.5°	743.5	733.3	717.8	694.3	667.7	639.7	610.3	577.1	538.9	495.6	463.1
-75°	614.0	607.1	595.3	573.2	549.2	523.2	495.5	461.6	422.7	378.6	346.4
-77.5°	482.8	479.6	473.0	455.0	436.7	418.2	394.9	355.7	316.5	278.8	254.3
-80°	347.3	347.4	344.0	330.6	316.4	301.7	283.9	253.6	224.2	197.0	177.8
-82.5°	219.8	216.0	211.0	203.7	196.3	188.9	180.4	161.2	142.8	125.1	110.5
-85°	98.1	95.3	92.3	92.3	91.8	90.7	88.8	79.6	70.8	62.6	55.4
-87.5°	16.7	17.0	17.3	18.2	18.9	19.6	20.1	19.5	18.8	18.1	17.4
-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: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	19.4	21.1	22.4	23.5	24.2	24.6	24.6	24.2	23.2	21.9	20.3
85°	57.9	59.0	58.8	57.0	53.2	49.2	49.2	48.5	46.5	43.9	40.6
82.5°	114.8	118.5	120.4	119.6	112.2	104.3	96.0	87.3	77.8	67.1	60.9
80°	184.5	188.6	189.9	186.8	173.6	159.4	147.2	134.5	122.1	108.1	92.4
77.5°	259.7	262.8	263.5	258.7	241.9	223.8	204.3	183.8	166.4	149.0	129.5
75°	340.6	341.6	340.9	332.1	311.5	288.1	264.5	239.1	213.6	189.9	166.5
72.5°	445.6	431.3	420.5	406.3	383.7	357.3	327.3	293.4	261.2	230.9	202.8
70°	555.3	525.1	501.6	479.9	454.8	427.0	393.6	351.1	308.0	271.3	237.0
67.5°	670.0	632.4	594.6	555.2	524.3	492.9	459.1	408.1	356.4	310.8	270.6
65°	781.6	735.2	692.4	641.2	596.3	558.0	519.8	462.0	403.0	349.9	303.4
62.5°	894.0	831.9	778.3	722.7	668.6	621.1	578.0	512.2	447.6	387.3	334.5
60°	1009.6	936.7	863.8	799.7	738.5	680.9	627.2	560.9	490.9	423.0	364.0
57.5°	1129.2	1041.8	958.4	878.5	807.3	740.9	674.5	605.7	532.7	459.1	390.5
55°	1250.0	1151.2	1053.3	961.8	877.4	801.8	723.6	648.5	572.7	494.5	411.7
52.5°	1379.7	1263.8	1153.4	1046.5	949.9	861.2	776.1	690.5	610.9	528.4	434.7
50°	1517.0	1383.2	1257.0	1137.5	1021.9	923.1	827.2	736.5	648.1	561.1	456.4
47.5°	1661.3	1509.8	1366.1	1229.2	1103.6	983.0	880.6	781.7	684.3	593.4	476.1
45°	1820.2	1640.0	1478.3	1327.9	1182.0	1051.1	933.4	825.4	723.5	616.6	493.8
42.5°	1979.9	1780.5	1594.6	1423.5	1267.6	1119.9	984.0	870.6	761.2	637.8	511.1
40°	2164.0	1924.1	1711.6	1526.2	1351.9	1185.5	1042.3	914.4	796.3	658.7	528.0
37.5°	2343.6	2078.7	1839.3	1624.1	1435.1	1259.6	1098.6	955.9	824.0	681.7	543.2
35°	2555.1	2238.2	1960.9	1727.9	1520.8	1330.1	1151.6	998.3	854.5	703.8	556.8
32.5°	2760.6	2400.7	2097.8	1834.0	1601.6	1396.9	1207.8	1041.8	885.4	724.8	568.7
30°	2986.4	2577.4	2226.9	1933.4	1681.9	1465.5	1264.4	1082.7	916.7	744.6	580.2
27.5°	3203.3	2740.3	2352.4	2038.7	1766.8	1529.7	1316.8	1121.0	948.0	765.3	594.6
25°	3418.3	2916.3	2490.8	2139.0	1844.8	1588.2	1364.9	1156.8	978.7	788.4	607.5
22.5°	3651.5	3086.6	2615.5	2229.2	1915.2	1641.5	1410.8	1196.0	1006.9	810.5	618.8
20°	3866.0	3240.3	2726.8	2315.5	1985.3	1699.1	1453.8	1231.1	1032.2	831.2	628.4
17.5°	4068.3	3396.6	2851.1	2408.8	2051.5	1749.8	1491.6	1261.9	1054.6	850.4	636.1
15°	4280.6	3551.9	2962.9	2489.5	2108.8	1793.6	1524.1	1288.3	1073.8	867.5	643.5
12.5°	4461.9	3683.2	3056.9	2557.5	2156.9	1830.3	1551.1	1310.4	1089.9	882.1	650.0
10°	4611.3	3789.8	3132.7	2612.4	2195.7	1859.7	1572.7	1328.2	1103.3	893.4	653.7
7.5°	4727.5	3871.2	3190.0	2654.0	2225.4	1882.7	1590.7	1342.1	1113.7	901.4	654.5
5°	4808.9	3928.0	3232.1	2683.1	2248.0	1899.2	1603.5	1351.4	1120.7	905.7	652.5
2.5°	4851.6	3960.2	3257.9	2698.6	2260.9	1908.1	1610.7	1355.9	1124.2	906.3	648.0
0°	4858.3	3966.3	3265.2	2700.6	2264.1	1909.5	1612.2	1355.7	1123.9	902.9	641.0
-2.5°	4851.6	3960.2	3257.9	2698.6	2260.9	1908.1	1610.7	1355.9	1124.2	906.3	648.0
-5°	4808.9	3928.0	3232.1	2683.1	2248.0	1899.2	1603.5	1351.4	1120.7	905.7	652.5
-7.5°	4727.5	3871.2	3190.0	2654.0	2225.4	1882.7	1590.7	1342.1	1113.7	901.4	654.5
-10°	4611.3	3789.8	3132.7	2612.4	2195.7	1859.7	1572.7	1328.2	1103.3	893.4	653.7
-12.5°	4461.9	3683.2	3056.9	2557.5	2156.9	1830.3	1551.1	1310.4	1089.9	882.1	650.0
-15°	4280.6	3551.9	2962.9	2489.5	2108.8	1793.6	1524.1	1288.3	1073.8	867.5	643.5
-17.5°	4068.3	3396.6	2851.1	2408.8	2051.5	1749.8	1491.6	1261.9	1054.6	850.4	636.1
-20°	3866.0	3240.3	2726.8	2315.5	1985.3	1699.1	1453.8	1231.1	1032.2	831.2	628.4

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

Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	3651.5	3086.6	2615.5	2229.2	1915.2	1641.5	1410.8	1196.0	1006.9	810.5	618.8
-25°	3418.3	2916.3	2490.8	2139.0	1844.8	1588.2	1364.9	1156.8	978.7	788.4	607.5
-27.5°	3203.3	2740.3	2352.4	2038.7	1766.8	1529.7	1316.8	1121.0	948.0	765.3	594.6
-30°	2986.4	2577.4	2226.9	1933.4	1681.9	1465.5	1264.4	1082.7	916.7	744.6	580.2
-32.5°	2760.6	2400.7	2097.8	1834.0	1601.6	1396.9	1207.8	1041.8	885.4	724.8	568.7
-35°	2555.1	2238.2	1960.9	1727.9	1520.8	1330.1	1151.6	998.3	854.5	703.8	556.8
-37.5°	2343.6	2078.7	1839.3	1624.1	1435.1	1259.6	1098.6	955.9	824.0	681.7	543.2
-40°	2164.0	1924.1	1711.6	1526.2	1351.9	1185.5	1042.3	914.4	796.3	658.7	528.0
-42.5°	1979.9	1780.5	1594.6	1423.5	1267.6	1119.9	984.0	870.6	761.2	637.8	511.1
-45°	1820.2	1640.0	1478.3	1327.9	1182.0	1051.1	933.4	825.4	723.5	616.6	493.8
-47.5°	1661.3	1509.8	1366.1	1229.2	1103.6	983.0	880.6	781.7	684.3	593.4	476.1
-50°	1517.0	1383.2	1257.0	1137.5	1021.9	923.1	827.2	736.5	648.1	561.1	456.4
-52.5°	1379.7	1263.8	1153.4	1046.5	949.9	861.2	776.1	690.5	610.9	528.4	434.7
-55°	1250.0	1151.2	1053.3	961.8	877.4	801.8	723.6	648.5	572.7	494.5	411.7
-57.5°	1129.2	1041.8	958.4	878.5	807.3	740.9	674.5	605.7	532.7	459.1	390.5
-60°	1009.6	936.7	863.8	799.7	738.5	680.9	627.2	560.9	490.9	423.0	364.0
-62.5°	894.0	831.9	778.3	722.7	668.6	621.1	578.0	512.2	447.6	387.3	334.5
-65°	781.6	735.2	692.4	641.2	596.3	558.0	519.8	462.0	403.0	349.9	303.4
-67.5°	670.0	632.4	594.6	555.2	524.3	492.9	459.1	408.1	356.4	310.8	270.6
-70°	555.3	525.1	501.6	479.9	454.8	427.0	393.6	351.1	308.0	271.3	237.0
-72.5°	445.6	431.3	420.5	406.3	383.7	357.3	327.3	293.4	261.2	230.9	202.8
-75°	340.6	341.6	340.9	332.1	311.5	288.1	264.5	239.1	213.6	189.9	166.5
-77.5°	259.7	262.8	263.5	258.7	241.9	223.8	204.3	183.8	166.4	149.0	129.5
-80°	184.5	188.6	189.9	186.8	173.6	159.4	147.2	134.5	122.1	108.1	92.4
-82.5°	114.8	118.5	120.4	119.6	112.2	104.3	96.0	87.3	77.8	67.1	60.9
-85°	57.9	59.0	58.8	57.0	53.2	49.2	49.2	48.5	46.5	43.9	40.6
-87.5°	19.4	21.1	22.4	23.5	24.2	24.6	24.6	24.2	23.2	21.9	20.3
-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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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	18.3	14.3	10.6	7.4	4.5	2.0	0.0
85°	36.6	28.6	21.3	14.7	9.0	3.9	0.0
82.5°	54.7	42.7	31.8	22.0	13.5	5.9	0.0
80°	74.3	56.7	42.2	29.3	17.9	7.8	0.0
77.5°	106.1	73.7	52.5	36.4	22.3	9.7	0.0
75°	137.0	96.4	63.5	43.4	26.5	11.6	0.0
72.5°	166.9	118.3	78.7	50.3	30.7	13.4	0.0
70°	195.3	139.5	93.4	57.5	34.8	15.2	0.0
67.5°	219.9	159.6	107.4	66.5	38.8	17.0	0.0
65°	243.3	178.1	120.7	75.0	42.7	18.7	0.0
62.5°	265.4	195.1	133.3	83.1	46.4	20.4	0.0
60°	286.1	211.0	145.1	90.8	49.9	22.0	0.0
57.5°	304.9	225.8	156.0	97.9	54.3	23.6	0.0
55°	322.1	239.5	166.1	104.5	58.5	25.1	0.0
52.5°	337.9	252.0	175.5	110.5	62.5	26.5	0.0
50°	352.3	263.5	183.9	115.9	66.3	27.9	0.0
47.5°	365.6	273.8	191.5	120.9	70.0	29.2	0.0
45°	380.6	283.0	198.2	125.8	73.4	30.4	0.0
42.5°	393.9	290.9	203.9	130.2	76.7	31.5	0.0
40°	405.6	297.7	209.1	135.0	79.8	32.6	0.0
37.5°	415.6	303.2	213.8	139.8	82.7	33.6	0.0
35°	424.0	309.4	217.5	144.3	85.3	34.5	0.0
32.5°	431.6	315.3	220.4	148.4	87.7	35.3	0.0
30°	440.1	319.8	222.4	152.0	89.9	36.0	0.0
27.5°	447.0	323.1	227.1	155.3	91.9	36.7	0.0
25°	452.4	325.0	231.7	158.1	93.7	37.2	0.0
22.5°	456.2	327.6	235.8	160.5	95.2	37.7	0.0
20°	458.4	333.5	239.2	162.5	96.5	38.1	0.0
17.5°	463.5	338.4	242.1	164.1	97.5	38.4	0.0
15°	469.7	342.2	244.4	165.3	98.3	38.6	0.0
12.5°	474.2	345.0	246.1	166.0	98.9	38.7	0.0
10°	477.0	346.8	247.2	166.3	99.2	38.8	0.0
7.5°	478.1	347.5	247.7	166.3	99.3	38.8	0.0
5°	477.6	347.2	247.6	165.8	99.2	38.6	0.0
2.5°	475.5	345.9	246.9	164.9	98.8	38.5	0.0
0°	471.9	343.7	245.5	163.7	98.2	38.2	0.0
-2.5°	475.5	345.9	246.9	164.9	98.8	38.5	0.0
-5°	477.6	347.2	247.6	165.8	99.2	38.6	0.0
-7.5°	478.1	347.5	247.7	166.3	99.3	38.8	0.0
-10°	477.0	346.8	247.2	166.3	99.2	38.8	0.0
-12.5°	474.2	345.0	246.1	166.0	98.9	38.7	0.0
-15°	469.7	342.2	244.4	165.3	98.3	38.6	0.0
-17.5°	463.5	338.4	242.1	164.1	97.5	38.4	0.0
-20°	458.4	333.5	239.2	162.5	96.5	38.1	0.0

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Scaled Data Report



REPORT NUMBER: P627723 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	456.2	327.6	235.8	160.5	95.2	37.7	0.0
-25°	452.4	325.0	231.7	158.1	93.7	37.2	0.0
-27.5°	447.0	323.1	227.1	155.3	91.9	36.7	0.0
-30°	440.1	319.8	222.4	152.0	89.9	36.0	0.0
-32.5°	431.6	315.3	220.4	148.4	87.7	35.3	0.0
-35°	424.0	309.4	217.5	144.3	85.3	34.5	0.0
-37.5°	415.6	303.2	213.8	139.8	82.7	33.6	0.0
-40°	405.6	297.7	209.1	135.0	79.8	32.6	0.0
-42.5°	393.9	290.9	203.9	130.2	76.7	31.5	0.0
-45°	380.6	283.0	198.2	125.8	73.4	30.4	0.0
-47.5°	365.6	273.8	191.5	120.9	70.0	29.2	0.0
-50°	352.3	263.5	183.9	115.9	66.3	27.9	0.0
-52.5°	337.9	252.0	175.5	110.5	62.5	26.5	0.0
-55°	322.1	239.5	166.1	104.5	58.5	25.1	0.0
-57.5°	304.9	225.8	156.0	97.9	54.3	23.6	0.0
-60°	286.1	211.0	145.1	90.8	49.9	22.0	0.0
-62.5°	265.4	195.1	133.3	83.1	46.4	20.4	0.0
-65°	243.3	178.1	120.7	75.0	42.7	18.7	0.0
-67.5°	219.9	159.6	107.4	66.5	38.8	17.0	0.0
-70°	195.3	139.5	93.4	57.5	34.8	15.2	0.0
-72.5°	166.9	118.3	78.7	50.3	30.7	13.4	0.0
-75°	137.0	96.4	63.5	43.4	26.5	11.6	0.0
-77.5°	106.1	73.7	52.5	36.4	22.3	9.7	0.0
-80°	74.3	56.7	42.2	29.3	17.9	7.8	0.0
-82.5°	54.7	42.7	31.8	22.0	13.5	5.9	0.0
-85°	36.6	28.6	21.3	14.7	9.0	3.9	0.0
-87.5°	18.3	14.3	10.6	7.4	4.5	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)