

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: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-750-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N127  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

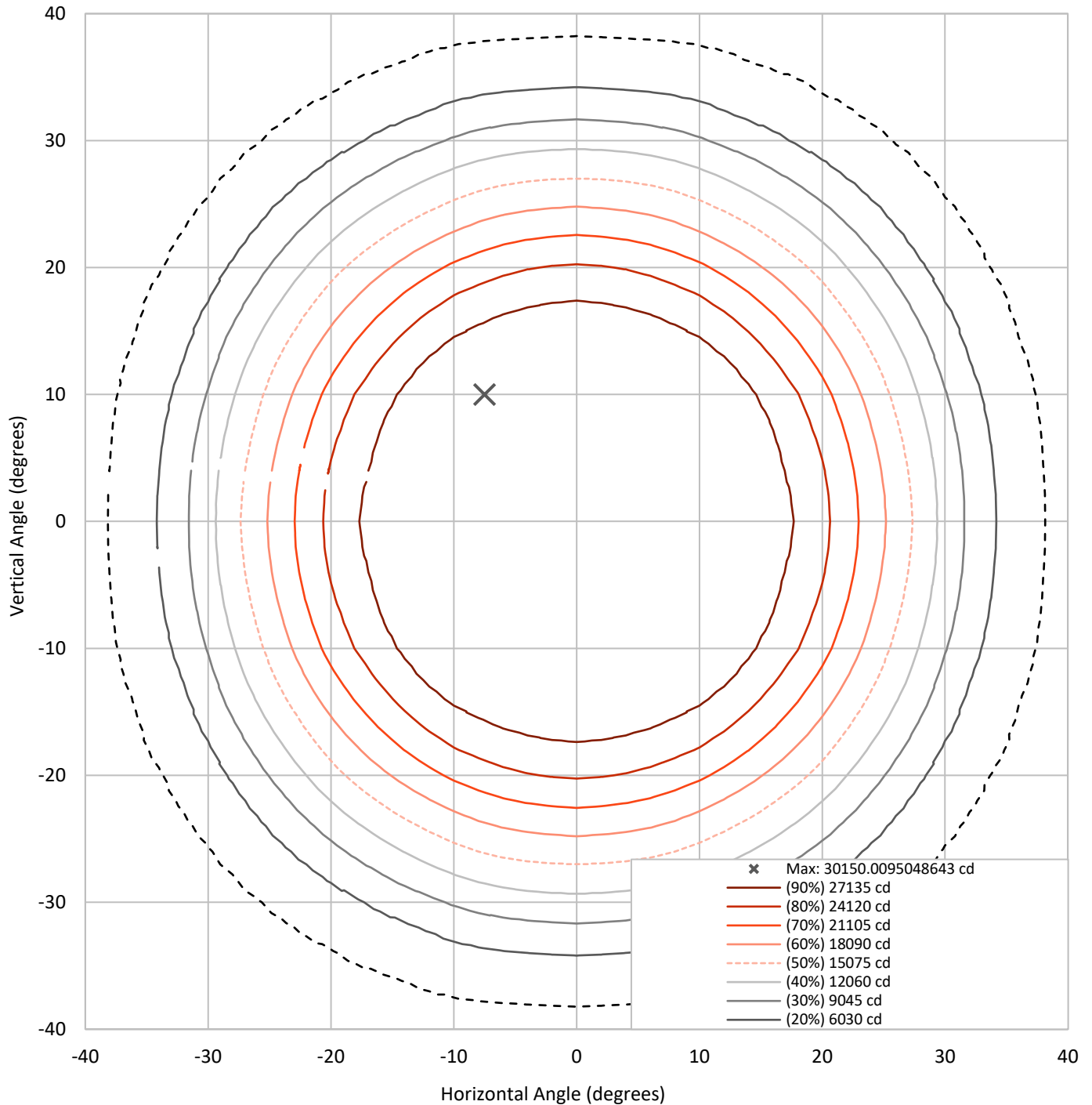
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25660.5 lumens	Max Intensity:	30150 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	161.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	17031.9 lumens	Field Lumens:	22146.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
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		



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CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

### Iso-Candela Plot





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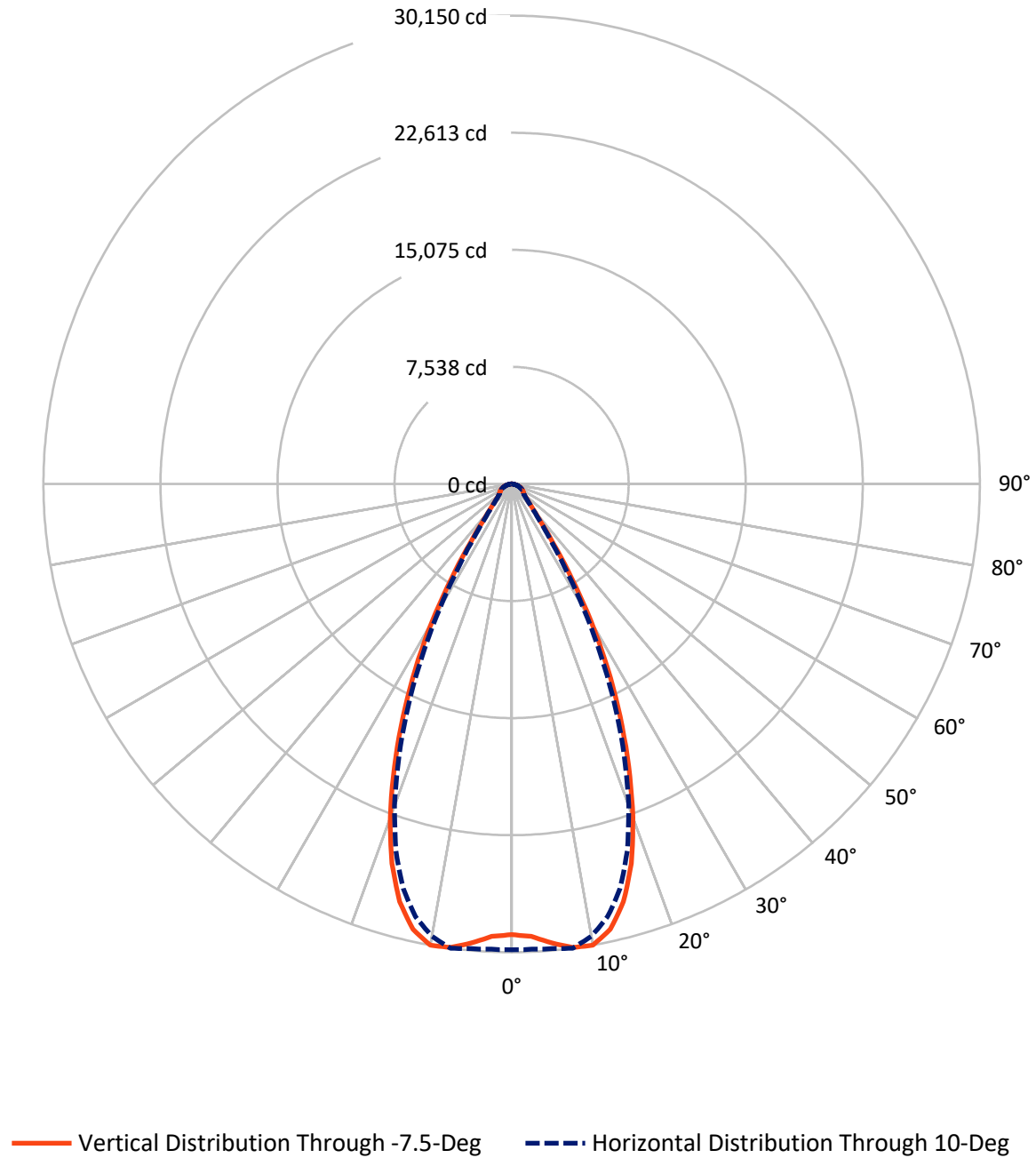
CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

### Lumen Table

90																			
80	0.7	6.0		16.1		25.5		28.5		25.5		16.1		6.0		0.7			
70																			
60	2.7	3.1	6.3	10.3	14.4	17.4	19.7	20.9	20.9	19.7	17.4	14.4	10.3	6.3	3.1	2.7			
50		4.6	9.3	14.8	19.8	24.0	26.8	28.0	28.0	26.8	24.0	19.8	14.8	9.3	4.6				
40	4.8	6.0	11.7	18.0	24.1	31.3	39.4	45.2	45.2	39.4	31.3	24.1	18.0	11.7	6.0	4.8			
30		7.1	13.6	20.7	32.0	58.3	111.6	165.5	165.5	111.6	58.3	32.0	20.7	13.6	7.1				
20	6.2	7.9	14.8	24.1	52.6	164.7	369.6	516.1	516.1	369.6	164.7	52.6	24.1	14.8	7.9	6.2			
10		8.4	15.6	28.6	95.0	351.2	670.6	839.3	839.3	670.6	351.2	95.0	28.6	15.6	8.4				
0	6.7	8.7	16.0	32.2	136.8	480.6	813.6	885.2	885.2	813.6	480.6	136.8	32.2	16.0	8.7	6.7			
-10		8.7	16.0	32.2	136.8	480.6	813.6	885.2	885.2	813.6	480.6	136.8	32.2	16.0	8.7				
-20	6.2	8.4	15.6	28.6	95.0	351.2	670.6	839.3	839.3	670.6	351.2	95.0	28.6	15.6	8.4	6.2			
-30		7.9	14.8	24.1	52.6	164.7	369.6	516.1	516.1	369.6	164.7	52.6	24.1	14.8	7.9				
-40	4.8	7.1	13.6	20.7	32.0	58.3	111.6	165.5	165.5	111.6	58.3	32.0	20.7	13.6	7.1	4.8			
-50		6.0	11.7	18.0	24.1	31.3	39.4	45.2	45.2	39.4	31.3	24.1	18.0	11.7	6.0				
-60	2.7	4.6	9.3	14.8	19.8	24.0	26.8	28.0	28.0	26.8	24.0	19.8	14.8	9.3	4.6	2.7			
-70		3.1	6.3	10.3	14.4	17.4	19.7	20.9	20.9	19.7	17.4	14.4	10.3	6.3	3.1				
-80																			
-90	0.7	6.0		16.1		25.5		28.5		25.5		16.1		6.0		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

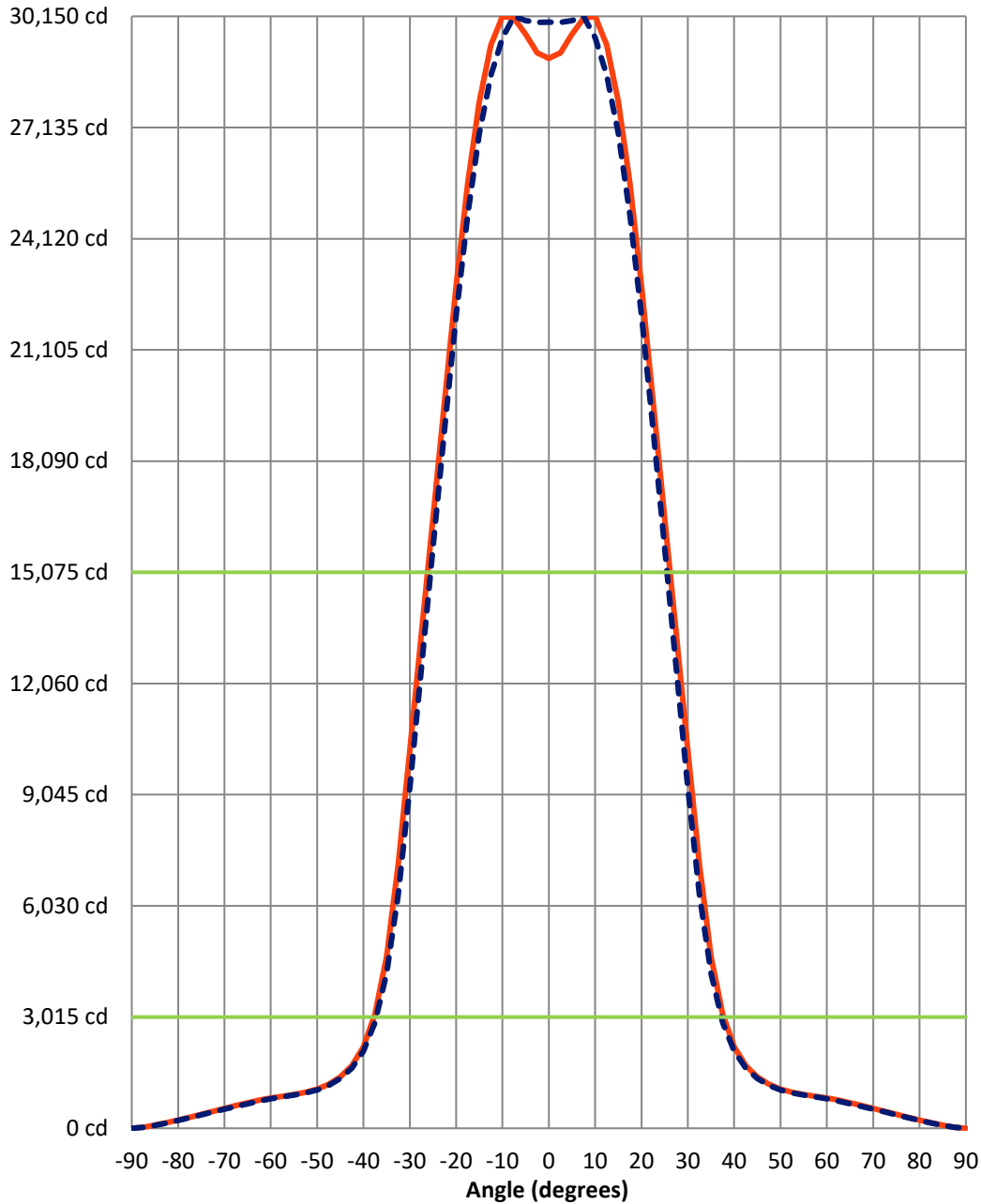
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 17031.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 22146.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 3514.1  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	1.2	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	13.4
85°	0.0	2.3	4.6	6.9	9.2	11.4	13.6	16.6	19.8	23.2	26.7
82.5°	0.0	3.4	6.9	10.3	13.7	17.1	20.4	24.9	30.3	38.1	45.6
80°	0.0	4.6	9.2	13.7	18.2	22.7	28.2	38.8	49.0	58.6	67.7
77.5°	0.0	5.7	11.4	17.1	22.7	30.7	42.9	55.5	67.6	79.0	91.2
75°	0.0	6.8	13.6	20.4	28.2	42.9	57.5	72.2	86.6	103.2	119.5
72.5°	0.0	7.9	15.9	23.8	37.8	55.0	72.0	89.6	109.2	128.5	147.5
70°	0.0	9.0	18.0	27.8	47.4	66.9	86.5	109.2	131.5	153.6	176.7
67.5°	0.0	10.1	20.2	34.8	56.8	78.6	103.0	128.5	153.6	179.4	205.8
65°	0.0	11.2	22.3	41.8	66.0	91.0	119.1	147.5	175.8	204.7	235.4
62.5°	0.0	12.2	24.4	48.6	75.1	104.0	134.9	166.3	197.5	230.2	267.2
60°	0.0	13.2	26.4	55.2	84.0	116.6	150.2	184.6	218.6	257.8	298.2
57.5°	0.0	14.2	30.6	61.7	93.6	128.9	165.6	202.3	241.6	284.6	327.4
55°	0.0	15.1	34.7	68.0	103.0	140.8	180.6	219.7	264.5	310.4	355.4
52.5°	0.0	16.1	38.7	74.1	112.1	152.4	195.4	238.8	286.6	334.9	382.6
50°	0.0	17.0	42.6	80.1	120.9	164.4	209.7	257.5	307.7	358.6	409.0
47.5°	0.0	17.8	46.2	85.9	129.3	176.0	223.8	275.4	328.0	381.5	434.4
45°	0.0	18.7	49.7	91.9	137.3	187.2	238.4	292.5	347.6	403.5	459.0
42.5°	0.0	19.5	53.1	97.6	144.9	198.0	252.3	308.8	366.3	424.5	482.1
40°	0.0	20.2	56.2	102.9	152.7	208.4	265.5	324.2	384.0	444.7	504.3
37.5°	0.0	20.9	59.2	107.9	160.6	218.3	277.9	338.7	401.2	464.1	525.7
35°	0.0	21.6	61.9	112.5	168.0	228.0	289.6	352.2	417.6	482.3	545.7
32.5°	0.0	22.3	64.5	116.8	175.1	237.1	300.5	364.8	433.1	499.2	563.3
30°	0.0	22.9	66.9	120.8	181.7	245.6	310.5	376.7	447.8	514.7	579.6
27.5°	0.0	23.4	69.1	124.5	187.6	253.4	319.7	388.4	461.1	528.9	594.8
25°	0.0	23.9	71.0	127.9	192.9	260.5	328.1	399.2	472.7	541.5	608.6
22.5°	0.0	24.4	72.8	131.0	197.7	266.8	335.6	409.1	483.1	552.7	621.2
20°	0.0	24.8	74.3	133.7	202.0	272.2	342.3	418.0	492.3	562.7	632.4
17.5°	0.0	25.2	75.7	136.0	205.7	276.9	348.3	425.9	500.3	571.4	642.2
15°	0.0	25.5	76.8	138.0	208.9	280.9	353.7	433.1	507.0	578.9	650.6
12.5°	0.0	25.8	77.7	139.7	211.5	284.2	358.4	439.4	513.0	585.0	657.5
10°	0.0	26.0	78.4	141.0	213.6	286.8	362.3	444.5	518.3	590.9	663.4
7.5°	0.0	26.2	78.9	141.9	215.1	288.7	365.4	448.6	522.3	595.5	668.6
5°	0.0	26.3	79.2	142.5	216.1	289.9	367.6	451.5	525.3	598.8	672.4
2.5°	0.0	26.4	79.2	142.7	216.5	290.4	368.9	453.2	527.0	600.8	674.6
0°	0.0	26.4	79.1	142.5	216.3	290.2	369.4	453.8	527.6	601.5	675.4
-2.5°	0.0	26.4	79.2	142.7	216.5	290.4	368.9	453.2	527.0	600.8	674.6
-5°	0.0	26.3	79.2	142.5	216.1	289.9	367.6	451.5	525.3	598.8	672.4
-7.5°	0.0	26.2	78.9	141.9	215.1	288.7	365.4	448.6	522.3	595.5	668.6
-10°	0.0	26.0	78.4	141.0	213.6	286.8	362.3	444.5	518.3	590.9	663.4
-12.5°	0.0	25.8	77.7	139.7	211.5	284.2	358.4	439.4	513.0	585.0	657.5
-15°	0.0	25.5	76.8	138.0	208.9	280.9	353.7	433.1	507.0	578.9	650.6
-17.5°	0.0	25.2	75.7	136.0	205.7	276.9	348.3	425.9	500.3	571.4	642.2
-20°	0.0	24.8	74.3	133.7	202.0	272.2	342.3	418.0	492.3	562.7	632.4

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CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.4	72.8	131.0	197.7	266.8	335.6	409.1	483.1	552.7	621.2
-25°	0.0	23.9	71.0	127.9	192.9	260.5	328.1	399.2	472.7	541.5	608.6
-27.5°	0.0	23.4	69.1	124.5	187.6	253.4	319.7	388.4	461.1	528.9	594.8
-30°	0.0	22.9	66.9	120.8	181.7	245.6	310.5	376.7	447.8	514.7	579.6
-32.5°	0.0	22.3	64.5	116.8	175.1	237.1	300.5	364.8	433.1	499.2	563.3
-35°	0.0	21.6	61.9	112.5	168.0	228.0	289.6	352.2	417.6	482.3	545.7
-37.5°	0.0	20.9	59.2	107.9	160.6	218.3	277.9	338.7	401.2	464.1	525.7
-40°	0.0	20.2	56.2	102.9	152.7	208.4	265.5	324.2	384.0	444.7	504.3
-42.5°	0.0	19.5	53.1	97.6	144.9	198.0	252.3	308.8	366.3	424.5	482.1
-45°	0.0	18.7	49.7	91.9	137.3	187.2	238.4	292.5	347.6	403.5	459.0
-47.5°	0.0	17.8	46.2	85.9	129.3	176.0	223.8	275.4	328.0	381.5	434.4
-50°	0.0	17.0	42.6	80.1	120.9	164.4	209.7	257.5	307.7	358.6	409.0
-52.5°	0.0	16.1	38.7	74.1	112.1	152.4	195.4	238.8	286.6	334.9	382.6
-55°	0.0	15.1	34.7	68.0	103.0	140.8	180.6	219.7	264.5	310.4	355.4
-57.5°	0.0	14.2	30.6	61.7	93.6	128.9	165.6	202.3	241.6	284.6	327.4
-60°	0.0	13.2	26.4	55.2	84.0	116.6	150.2	184.6	218.6	257.8	298.2
-62.5°	0.0	12.2	24.4	48.6	75.1	104.0	134.9	166.3	197.5	230.2	267.2
-65°	0.0	11.2	22.3	41.8	66.0	91.0	119.1	147.5	175.8	204.7	235.4
-67.5°	0.0	10.1	20.2	34.8	56.8	78.6	103.0	128.5	153.6	179.4	205.8
-70°	0.0	9.0	18.0	27.8	47.4	66.9	86.5	109.2	131.5	153.6	176.7
-72.5°	0.0	7.9	15.9	23.8	37.8	55.0	72.0	89.6	109.2	128.5	147.5
-75°	0.0	6.8	13.6	20.4	28.2	42.9	57.5	72.2	86.6	103.2	119.5
-77.5°	0.0	5.7	11.4	17.1	22.7	30.7	42.9	55.5	67.6	79.0	91.2
-80°	0.0	4.6	9.2	13.7	18.2	22.7	28.2	38.8	49.0	58.6	67.7
-82.5°	0.0	3.4	6.9	10.3	13.7	17.1	20.4	24.9	30.3	38.1	45.6
-85°	0.0	2.3	4.6	6.9	9.2	11.4	13.6	16.6	19.8	23.2	26.7
-87.5°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	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





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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°	14.6	15.8	17.0	18.2	19.3	20.4	21.4	22.4	23.4	24.3	25.1
85°	29.2	31.7	35.9	40.2	44.3	48.2	52.0	55.7	59.2	62.5	65.7
82.5°	52.3	59.1	66.1	73.2	79.4	85.4	91.2	97.2	103.2	109.1	115.1
80°	76.9	86.4	97.3	107.7	116.7	125.4	133.7	141.7	150.4	159.7	169.1
77.5°	105.3	118.9	131.6	143.6	155.1	167.7	179.8	191.5	203.7	215.7	227.2
75°	135.8	151.3	167.6	183.7	199.3	214.4	229.1	244.2	259.4	274.5	288.9
72.5°	167.2	186.9	206.1	224.9	244.2	263.1	281.4	298.9	317.1	335.6	353.2
70°	199.9	222.4	246.1	268.9	290.7	312.8	335.1	356.5	377.5	399.0	420.2
67.5°	232.9	261.0	287.7	313.1	338.8	364.8	389.9	415.6	440.4	465.4	489.2
65°	269.1	299.9	329.1	358.2	387.4	417.9	447.5	476.2	505.0	532.8	557.9
62.5°	304.7	337.4	369.8	402.9	437.6	471.8	504.2	537.1	570.5	599.7	625.1
60°	337.4	373.8	409.9	447.6	486.0	522.8	559.1	594.8	630.8	664.4	685.1
57.5°	369.0	409.2	449.3	489.8	530.3	571.4	609.5	648.8	682.3	710.6	734.6
55°	399.8	443.4	486.1	528.7	572.4	615.3	656.8	694.1	726.9	750.4	773.6
52.5°	429.7	475.7	519.8	565.9	612.3	657.8	701.2	735.9	762.6	786.7	808.4
50°	458.8	505.6	552.1	602.0	651.1	699.2	740.1	770.3	797.6	821.1	843.8
47.5°	486.0	534.8	584.5	636.9	688.6	735.2	772.7	804.4	832.2	857.6	884.4
45°	512.1	563.9	616.4	670.7	723.4	768.4	804.5	838.7	864.7	893.3	924.1
42.5°	537.6	591.9	647.0	703.0	756.3	798.3	834.4	865.7	896.3	930.3	967.5
40°	561.7	618.4	675.9	734.1	787.2	824.5	859.9	893.0	930.3	970.6	1013.6
37.5°	584.4	643.2	702.9	763.4	810.0	848.4	884.6	921.6	964.9	1011.6	1070.0
35°	605.6	666.3	728.0	786.1	830.5	871.2	908.6	949.9	1000.4	1061.4	1136.3
32.5°	625.2	687.7	751.2	804.5	849.3	891.5	930.0	981.5	1042.2	1114.8	1220.9
30°	643.3	707.3	771.0	822.6	866.2	908.7	955.6	1013.5	1084.6	1190.6	1326.2
27.5°	660.1	725.1	786.6	837.6	881.4	925.2	980.0	1050.3	1143.8	1270.3	1439.0
25°	675.5	742.1	801.4	850.2	895.5	944.0	1003.6	1082.6	1205.6	1368.9	1596.8
22.5°	689.4	757.4	815.7	861.1	908.7	961.2	1030.7	1129.6	1271.4	1462.1	1756.1
20°	701.9	769.1	826.4	871.4	920.8	975.5	1054.9	1174.2	1345.1	1592.1	1967.3
17.5°	712.8	779.2	834.4	881.3	932.7	991.6	1078.5	1212.8	1410.6	1705.5	2180.9
15°	722.2	787.9	841.2	889.8	943.0	1010.1	1111.3	1263.2	1486.7	1823.5	2367.1
12.5°	730.0	795.1	846.7	896.7	951.5	1025.6	1139.4	1310.8	1565.7	1968.5	2641.4
10°	736.1	800.7	851.0	902.0	958.2	1038.0	1162.1	1349.7	1631.2	2094.0	2875.4
7.5°	741.8	804.8	853.9	905.8	962.9	1047.2	1179.4	1379.7	1681.4	2192.6	3060.6
5°	745.9	807.3	855.5	908.0	966.9	1053.2	1191.2	1400.5	1716.1	2263.0	3190.8
2.5°	748.5	808.1	855.8	908.6	969.9	1055.9	1197.3	1412.0	1743.4	2296.4	3260.9
0°	749.3	807.3	854.8	907.6	970.9	1055.3	1197.8	1414.1	1757.1	2295.3	3271.4
-2.5°	748.5	808.1	855.8	908.6	969.9	1055.9	1197.3	1412.0	1743.4	2296.4	3260.9
-5°	745.9	807.3	855.5	908.0	966.9	1053.2	1191.2	1400.5	1716.1	2263.0	3190.8
-7.5°	741.8	804.8	853.9	905.8	962.9	1047.2	1179.4	1379.7	1681.4	2192.6	3060.6
-10°	736.1	800.7	851.0	902.0	958.2	1038.0	1162.1	1349.7	1631.2	2094.0	2875.4
-12.5°	730.0	795.1	846.7	896.7	951.5	1025.6	1139.4	1310.8	1565.7	1968.5	2641.4
-15°	722.2	787.9	841.2	889.8	943.0	1010.1	1111.3	1263.2	1486.7	1823.5	2367.1
-17.5°	712.8	779.2	834.4	881.3	932.7	991.6	1078.5	1212.8	1410.6	1705.5	2180.9
-20°	701.9	769.1	826.4	871.4	920.8	975.5	1054.9	1174.2	1345.1	1592.1	1967.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	689.4	757.4	815.7	861.1	908.7	961.2	1030.7	1129.6	1271.4	1462.1	1756.1
-25°	675.5	742.1	801.4	850.2	895.5	944.0	1003.6	1082.6	1205.6	1368.9	1596.8
-27.5°	660.1	725.1	786.6	837.6	881.4	925.2	980.0	1050.3	1143.8	1270.3	1439.0
-30°	643.3	707.3	771.0	822.6	866.2	908.7	955.6	1013.5	1084.6	1190.6	1326.2
-32.5°	625.2	687.7	751.2	804.5	849.3	891.5	930.0	981.5	1042.2	1114.8	1220.9
-35°	605.6	666.3	728.0	786.1	830.5	871.2	908.6	949.9	1000.4	1061.4	1136.3
-37.5°	584.4	643.2	702.9	763.4	810.0	848.4	884.6	921.6	964.9	1011.6	1070.0
-40°	561.7	618.4	675.9	734.1	787.2	824.5	859.9	893.0	930.3	970.6	1013.6
-42.5°	537.6	591.9	647.0	703.0	756.3	798.3	834.4	865.7	896.3	930.3	967.5
-45°	512.1	563.9	616.4	670.7	723.4	768.4	804.5	838.7	864.7	893.3	924.1
-47.5°	486.0	534.8	584.5	636.9	688.6	735.2	772.7	804.4	832.2	857.6	884.4
-50°	458.8	505.6	552.1	602.0	651.1	699.2	740.1	770.3	797.6	821.1	843.8
-52.5°	429.7	475.7	519.8	565.9	612.3	657.8	701.2	735.9	762.6	786.7	808.4
-55°	399.8	443.4	486.1	528.7	572.4	615.3	656.8	694.1	726.9	750.4	773.6
-57.5°	369.0	409.2	449.3	489.8	530.3	571.4	609.5	648.8	682.3	710.6	734.6
-60°	337.4	373.8	409.9	447.6	486.0	522.8	559.1	594.8	630.8	664.4	685.1
-62.5°	304.7	337.4	369.8	402.9	437.6	471.8	504.2	537.1	570.5	599.7	625.1
-65°	269.1	299.9	329.1	358.2	387.4	417.9	447.5	476.2	505.0	532.8	557.9
-67.5°	232.9	261.0	287.7	313.1	338.8	364.8	389.9	415.6	440.4	465.4	489.2
-70°	199.9	222.4	246.1	268.9	290.7	312.8	335.1	356.5	377.5	399.0	420.2
-72.5°	167.2	186.9	206.1	224.9	244.2	263.1	281.4	298.9	317.1	335.6	353.2
-75°	135.8	151.3	167.6	183.7	199.3	214.4	229.1	244.2	259.4	274.5	288.9
-77.5°	105.3	118.9	131.6	143.6	155.1	167.7	179.8	191.5	203.7	215.7	227.2
-80°	76.9	86.4	97.3	107.7	116.7	125.4	133.7	141.7	150.4	159.7	169.1
-82.5°	52.3	59.1	66.1	73.2	79.4	85.4	91.2	97.2	103.2	109.1	115.1
-85°	29.2	31.7	35.9	40.2	44.3	48.2	52.0	55.7	59.2	62.5	65.7
-87.5°	14.6	15.8	17.0	18.2	19.3	20.4	21.4	22.4	23.4	24.3	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-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°	26.0	25.6	25.2	24.6	23.9	25.6	27.3	29.0	30.6	29.7	28.6
85°	68.7	70.2	71.5	72.6	73.6	76.8	80.0	83.0	85.7	85.6	85.3
82.5°	120.9	124.7	128.1	131.1	133.7	137.5	141.0	144.0	146.5	148.4	150.0
80°	178.1	184.4	189.8	194.7	199.1	204.2	208.9	213.1	216.7	218.7	220.0
77.5°	238.6	247.8	256.0	263.9	271.3	278.7	285.5	291.5	296.7	297.9	297.6
75°	302.6	315.0	326.6	337.4	347.3	355.9	363.1	369.2	374.2	376.6	378.0
72.5°	370.0	385.3	399.0	411.3	421.9	430.7	438.3	444.9	450.5	454.1	456.2
70°	440.4	458.4	472.5	484.1	493.2	501.9	511.7	521.1	529.9	534.8	536.7
67.5°	511.0	529.7	542.6	553.1	561.4	570.1	582.4	593.5	603.4	610.2	614.4
65°	580.0	599.7	612.7	622.8	630.4	639.0	652.8	663.9	672.3	679.0	685.0
62.5°	648.3	668.1	682.5	694.5	705.6	715.1	726.4	735.7	743.0	749.6	757.0
60°	707.4	730.9	746.0	758.2	771.9	786.8	795.1	802.1	808.1	813.5	818.0
57.5°	755.7	776.7	796.1	810.7	825.0	838.7	848.6	855.2	860.5	864.5	866.0
55°	796.1	817.8	839.4	855.3	869.3	882.2	893.0	901.6	908.6	914.1	915.4
52.5°	832.3	856.6	877.9	896.2	914.8	930.0	941.9	953.4	963.5	971.7	975.2
50°	871.7	897.2	923.7	948.2	968.0	985.3	999.8	1016.1	1033.4	1047.6	1056.6
47.5°	913.1	942.5	974.5	1004.7	1028.1	1053.8	1077.8	1102.1	1134.1	1161.0	1181.0
45°	956.5	994.2	1030.7	1069.1	1101.5	1150.0	1195.0	1233.6	1284.9	1331.5	1368.6
42.5°	1007.7	1054.6	1099.4	1161.0	1225.4	1291.6	1363.1	1424.1	1504.4	1586.2	1652.2
40°	1068.3	1128.3	1207.3	1289.9	1391.5	1482.6	1606.1	1716.1	1839.3	1995.1	2123.8
37.5°	1141.2	1233.7	1343.6	1458.7	1617.3	1768.7	1972.8	2187.9	2383.1	2682.8	2934.9
35°	1236.1	1365.4	1510.0	1713.7	1938.1	2222.0	2540.4	2955.9	3312.2	3817.7	4300.6
32.5°	1358.2	1524.4	1760.5	2075.1	2406.8	2922.1	3427.4	4148.9	4817.0	5618.1	6482.6
30°	1494.2	1747.1	2107.9	2539.4	3158.1	3916.2	4807.0	5915.1	7127.7	8253.6	9363.1
27.5°	1691.2	2053.6	2527.6	3223.8	4188.1	5248.8	6809.4	8313.5	9882.8	11277.8	12441.2
25°	1921.2	2400.1	3133.0	4158.3	5462.4	7278.7	9146.9	11003.2	12690.9	14151.3	15436.8
22.5°	2218.2	2907.0	3884.1	5212.1	7242.8	9419.8	11610.5	13658.1	15458.4	17084.6	18476.1
20°	2541.3	3403.2	4798.6	6778.8	9101.1	11581.3	14054.9	16236.0	18218.2	20062.1	21630.4
17.5°	2950.7	4157.8	5924.9	8300.4	10985.3	13702.7	16301.3	18668.3	20917.1	22868.3	24506.9
15°	3299.7	4822.4	7128.7	9914.6	12818.8	15685.3	18428.7	20999.7	23337.8	25339.7	26880.2
12.5°	3765.1	5567.2	8197.5	11302.3	14449.5	17465.7	20355.4	23012.7	25392.1	27372.0	28571.2
10°	4205.1	6338.3	9230.5	12468.4	15738.0	18951.7	22037.1	24762.4	26971.6	28546.6	29568.5
7.5°	4579.2	7001.0	10070.8	13411.0	16761.8	20121.7	23244.9	25896.6	27933.6	29248.9	29960.3
5°	4858.5	7496.5	10694.5	14176.9	17615.3	21034.2	24133.1	26622.3	28382.9	29359.9	29717.1
2.5°	5036.5	7787.4	11056.4	14679.4	18186.5	21611.5	24742.2	27192.5	28686.2	29333.8	29395.3
0°	5107.6	7825.0	11112.2	14943.0	18330.5	21776.0	24915.5	27427.1	28799.0	29331.9	29321.4
-2.5°	5036.5	7787.4	11056.4	14679.4	18186.5	21611.5	24742.2	27192.5	28686.2	29333.8	29395.3
-5°	4858.5	7496.5	10694.5	14176.9	17615.3	21034.2	24133.1	26622.3	28382.9	29359.9	29717.1
-7.5°	4579.2	7001.0	10070.8	13411.0	16761.8	20121.7	23244.9	25896.6	27933.6	29248.9	29960.3
-10°	4205.1	6338.3	9230.5	12468.4	15738.0	18951.7	22037.1	24762.4	26971.6	28546.6	29568.5
-12.5°	3765.1	5567.2	8197.5	11302.3	14449.5	17465.7	20355.4	23012.7	25392.1	27372.0	28571.2
-15°	3299.7	4822.4	7128.7	9914.6	12818.8	15685.3	18428.7	20999.7	23337.8	25339.7	26880.2
-17.5°	2950.7	4157.8	5924.9	8300.4	10985.3	13702.7	16301.3	18668.3	20917.1	22868.3	24506.9
-20°	2541.3	3403.2	4798.6	6778.8	9101.1	11581.3	14054.9	16236.0	18218.2	20062.1	21630.4



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2218.2	2907.0	3884.1	5212.1	7242.8	9419.8	11610.5	13658.1	15458.4	17084.6	18476.1
-25°	1921.2	2400.1	3133.0	4158.3	5462.4	7278.7	9146.9	11003.2	12690.9	14151.3	15436.8
-27.5°	1691.2	2053.6	2527.6	3223.8	4188.1	5248.8	6809.4	8313.5	9882.8	11277.8	12441.2
-30°	1494.2	1747.1	2107.9	2539.4	3158.1	3916.2	4807.0	5915.1	7127.7	8253.6	9363.1
-32.5°	1358.2	1524.4	1760.5	2075.1	2406.8	2922.1	3427.4	4148.9	4817.0	5618.1	6482.6
-35°	1236.1	1365.4	1510.0	1713.7	1938.1	2222.0	2540.4	2955.9	3312.2	3817.7	4300.6
-37.5°	1141.2	1233.7	1343.6	1458.7	1617.3	1768.7	1972.8	2187.9	2383.1	2682.8	2934.9
-40°	1068.3	1128.3	1207.3	1289.9	1391.5	1482.6	1606.1	1716.1	1839.3	1995.1	2123.8
-42.5°	1007.7	1054.6	1099.4	1161.0	1225.4	1291.6	1363.1	1424.1	1504.4	1586.2	1652.2
-45°	956.5	994.2	1030.7	1069.1	1101.5	1150.0	1195.0	1233.6	1284.9	1331.5	1368.6
-47.5°	913.1	942.5	974.5	1004.7	1028.1	1053.8	1077.8	1102.1	1134.1	1161.0	1181.0
-50°	871.7	897.2	923.7	948.2	968.0	985.3	999.8	1016.1	1033.4	1047.6	1056.6
-52.5°	832.3	856.6	877.9	896.2	914.8	930.0	941.9	953.4	963.5	971.7	975.2
-55°	796.1	817.8	839.4	855.3	869.3	882.2	893.0	901.6	908.6	914.1	915.4
-57.5°	755.7	776.7	796.1	810.7	825.0	838.7	848.6	855.2	860.5	864.5	866.0
-60°	707.4	730.9	746.0	758.2	771.9	786.8	795.1	802.1	808.1	813.5	818.0
-62.5°	648.3	668.1	682.5	694.5	705.6	715.1	726.4	735.7	743.0	749.6	757.0
-65°	580.0	599.7	612.7	622.8	630.4	639.0	652.8	663.9	672.3	679.0	685.0
-67.5°	511.0	529.7	542.6	553.1	561.4	570.1	582.4	593.5	603.4	610.2	614.4
-70°	440.4	458.4	472.5	484.1	493.2	501.9	511.7	521.1	529.9	534.8	536.7
-72.5°	370.0	385.3	399.0	411.3	421.9	430.7	438.3	444.9	450.5	454.1	456.2
-75°	302.6	315.0	326.6	337.4	347.3	355.9	363.1	369.2	374.2	376.6	378.0
-77.5°	238.6	247.8	256.0	263.9	271.3	278.7	285.5	291.5	296.7	297.9	297.6
-80°	178.1	184.4	189.8	194.7	199.1	204.2	208.9	213.1	216.7	218.7	220.0
-82.5°	120.9	124.7	128.1	131.1	133.7	137.5	141.0	144.0	146.5	148.4	150.0
-85°	68.7	70.2	71.5	72.6	73.6	76.8	80.0	83.0	85.7	85.6	85.3
-87.5°	26.0	25.6	25.2	24.6	23.9	25.6	27.3	29.0	30.6	29.7	28.6
-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: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-U-MWR-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°	27.5	26.3	26.4	26.4	26.4	26.3	27.5	28.6	29.7	30.6	29.0
85°	84.7	84.0	81.7	79.1	81.7	84.0	84.7	85.3	85.6	85.7	83.0
82.5°	151.3	152.2	150.2	147.7	150.2	152.2	151.3	150.0	148.4	146.5	144.0
80°	220.6	220.6	218.7	216.3	218.7	220.6	220.6	220.0	218.7	216.7	213.1
77.5°	296.4	294.3	295.1	295.5	295.1	294.3	296.4	297.6	297.9	296.7	291.5
75°	378.5	378.1	376.9	374.6	376.9	378.1	378.5	378.0	376.6	374.2	369.2
72.5°	457.2	457.2	456.0	453.8	456.0	457.2	457.2	456.2	454.1	450.5	444.9
70°	537.1	536.2	537.6	538.2	537.6	536.2	537.1	536.7	534.8	529.9	521.1
67.5°	617.7	619.8	619.4	617.3	619.4	619.8	617.7	614.4	610.2	603.4	593.5
65°	689.9	693.5	695.7	696.5	695.7	693.5	689.9	685.0	679.0	672.3	663.9
62.5°	762.9	767.0	767.3	765.1	767.3	767.0	762.9	757.0	749.6	743.0	735.7
60°	820.6	821.2	820.2	817.9	820.2	821.2	820.6	818.0	813.5	808.1	802.1
57.5°	865.9	864.4	862.6	860.1	862.6	864.4	865.9	866.0	864.5	860.5	855.2
55°	914.7	912.2	910.0	907.6	910.0	912.2	914.7	915.4	914.1	908.6	901.6
52.5°	976.0	974.6	973.1	970.9	973.1	974.6	976.0	975.2	971.7	963.5	953.4
50°	1061.2	1062.5	1062.4	1060.6	1062.4	1062.5	1061.2	1056.6	1047.6	1033.4	1016.1
47.5°	1193.6	1200.7	1205.4	1208.3	1205.4	1200.7	1193.6	1181.0	1161.0	1134.1	1102.1
45°	1392.3	1406.4	1416.3	1424.6	1416.3	1406.4	1392.3	1368.6	1331.5	1284.9	1233.6
42.5°	1698.6	1730.2	1745.1	1741.2	1745.1	1730.2	1698.6	1652.2	1586.2	1504.4	1424.1
40°	2209.5	2260.4	2288.6	2311.1	2288.6	2260.4	2209.5	2123.8	1995.1	1839.3	1716.1
37.5°	3106.9	3205.8	3257.9	3303.1	3257.9	3205.8	3106.9	2934.9	2682.8	2383.1	2187.9
35°	4661.5	4883.8	5002.9	5044.3	5002.9	4883.8	4661.5	4300.6	3817.7	3312.2	2955.9
32.5°	7155.3	7565.4	7792.2	7967.5	7792.2	7565.4	7155.3	6482.6	5618.1	4817.0	4148.9
30°	10241.7	10781.9	11081.8	11228.3	11081.8	10781.9	10241.7	9363.1	8253.6	7127.7	5915.1
27.5°	13405.6	14019.7	14343.1	14325.6	14343.1	14019.7	13405.6	12441.2	11277.8	9882.8	8313.5
25°	16538.8	17250.1	17572.4	17860.9	17572.4	17250.1	16538.8	15436.8	14151.3	12690.9	11003.2
22.5°	19707.8	20539.5	20993.4	21206.1	20993.4	20539.5	19707.8	18476.1	17084.6	15458.4	13658.1
20°	22839.0	23764.9	24246.7	24456.4	24246.7	23764.9	22839.0	21630.4	20062.1	18218.2	16236.0
17.5°	25616.1	26520.0	26979.2	27173.8	26979.2	26520.0	25616.1	24506.9	22868.3	20917.1	18668.3
15°	27833.5	28500.2	28890.8	28994.2	28890.8	28500.2	27833.5	26880.2	25339.7	23337.8	20999.7
12.5°	29366.4	29624.6	29812.5	29870.1	29812.5	29624.6	29366.4	28571.2	27372.0	25392.1	23012.7
10°	30150.0	30033.5	29985.3	29991.5	29985.3	30033.5	30150.0	29568.5	28546.6	26971.6	24762.4
7.5°	30096.1	29923.6	29577.0	29521.9	29577.0	29923.6	30096.1	29960.3	29248.9	27933.6	25896.6
5°	29663.7	29349.6	28774.4	28609.0	28774.4	29349.6	29663.7	29717.1	29359.9	28382.9	26622.3
2.5°	29159.8	28593.4	28063.5	27722.6	28063.5	28593.4	29159.8	29395.3	29333.8	28686.2	27192.5
0°	29010.0	28355.8	27669.8	27448.2	27669.8	28355.8	29010.0	29321.4	29331.9	28799.0	27427.1
-2.5°	29159.8	28593.4	28063.5	27722.6	28063.5	28593.4	29159.8	29395.3	29333.8	28686.2	27192.5
-5°	29663.7	29349.6	28774.4	28609.0	28774.4	29349.6	29663.7	29717.1	29359.9	28382.9	26622.3
-7.5°	30096.1	29923.6	29577.0	29521.9	29577.0	29923.6	30096.1	29960.3	29248.9	27933.6	25896.6
-10°	30150.0	30033.5	29985.3	29991.5	29985.3	30033.5	30150.0	29568.5	28546.6	26971.6	24762.4
-12.5°	29366.4	29624.6	29812.5	29870.1	29812.5	29624.6	29366.4	28571.2	27372.0	25392.1	23012.7
-15°	27833.5	28500.2	28890.8	28994.2	28890.8	28500.2	27833.5	26880.2	25339.7	23337.8	20999.7
-17.5°	25616.1	26520.0	26979.2	27173.8	26979.2	26520.0	25616.1	24506.9	22868.3	20917.1	18668.3
-20°	22839.0	23764.9	24246.7	24456.4	24246.7	23764.9	22839.0	21630.4	20062.1	18218.2	16236.0



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19707.8	20539.5	20993.4	21206.1	20993.4	20539.5	19707.8	18476.1	17084.6	15458.4	13658.1
-25°	16538.8	17250.1	17572.4	17860.9	17572.4	17250.1	16538.8	15436.8	14151.3	12690.9	11003.2
-27.5°	13405.6	14019.7	14343.1	14325.6	14343.1	14019.7	13405.6	12441.2	11277.8	9882.8	8313.5
-30°	10241.7	10781.9	11081.8	11228.3	11081.8	10781.9	10241.7	9363.1	8253.6	7127.7	5915.1
-32.5°	7155.3	7565.4	7792.2	7967.5	7792.2	7565.4	7155.3	6482.6	5618.1	4817.0	4148.9
-35°	4661.5	4883.8	5002.9	5044.3	5002.9	4883.8	4661.5	4300.6	3817.7	3312.2	2955.9
-37.5°	3106.9	3205.8	3257.9	3303.1	3257.9	3205.8	3106.9	2934.9	2682.8	2383.1	2187.9
-40°	2209.5	2260.4	2288.6	2311.1	2288.6	2260.4	2209.5	2123.8	1995.1	1839.3	1716.1
-42.5°	1698.6	1730.2	1745.1	1741.2	1745.1	1730.2	1698.6	1652.2	1586.2	1504.4	1424.1
-45°	1392.3	1406.4	1416.3	1424.6	1416.3	1406.4	1392.3	1368.6	1331.5	1284.9	1233.6
-47.5°	1193.6	1200.7	1205.4	1208.3	1205.4	1200.7	1193.6	1181.0	1161.0	1134.1	1102.1
-50°	1061.2	1062.5	1062.4	1060.6	1062.4	1062.5	1061.2	1056.6	1047.6	1033.4	1016.1
-52.5°	976.0	974.6	973.1	970.9	973.1	974.6	976.0	975.2	971.7	963.5	953.4
-55°	914.7	912.2	910.0	907.6	910.0	912.2	914.7	915.4	914.1	908.6	901.6
-57.5°	865.9	864.4	862.6	860.1	862.6	864.4	865.9	866.0	864.5	860.5	855.2
-60°	820.6	821.2	820.2	817.9	820.2	821.2	820.6	818.0	813.5	808.1	802.1
-62.5°	762.9	767.0	767.3	765.1	767.3	767.0	762.9	757.0	749.6	743.0	735.7
-65°	689.9	693.5	695.7	696.5	695.7	693.5	689.9	685.0	679.0	672.3	663.9
-67.5°	617.7	619.8	619.4	617.3	619.4	619.8	617.7	614.4	610.2	603.4	593.5
-70°	537.1	536.2	537.6	538.2	537.6	536.2	537.1	536.7	534.8	529.9	521.1
-72.5°	457.2	457.2	456.0	453.8	456.0	457.2	457.2	456.2	454.1	450.5	444.9
-75°	378.5	378.1	376.9	374.6	376.9	378.1	378.5	378.0	376.6	374.2	369.2
-77.5°	296.4	294.3	295.1	295.5	295.1	294.3	296.4	297.6	297.9	296.7	291.5
-80°	220.6	220.6	218.7	216.3	218.7	220.6	220.6	220.0	218.7	216.7	213.1
-82.5°	151.3	152.2	150.2	147.7	150.2	152.2	151.3	150.0	148.4	146.5	144.0
-85°	84.7	84.0	81.7	79.1	81.7	84.0	84.7	85.3	85.6	85.7	83.0
-87.5°	27.5	26.3	26.4	26.4	26.4	26.3	27.5	28.6	29.7	30.6	29.0
-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: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-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°	27.3	25.6	23.9	24.6	25.2	25.6	26.0	25.1	24.3	23.4	22.4
85°	80.0	76.8	73.6	72.6	71.5	70.2	68.7	65.7	62.5	59.2	55.7
82.5°	141.0	137.5	133.7	131.1	128.1	124.7	120.9	115.1	109.1	103.2	97.2
80°	208.9	204.2	199.1	194.7	189.8	184.4	178.1	169.1	159.7	150.4	141.7
77.5°	285.5	278.7	271.3	263.9	256.0	247.8	238.6	227.2	215.7	203.7	191.5
75°	363.1	355.9	347.3	337.4	326.6	315.0	302.6	288.9	274.5	259.4	244.2
72.5°	438.3	430.7	421.9	411.3	399.0	385.3	370.0	353.2	335.6	317.1	298.9
70°	511.7	501.9	493.2	484.1	472.5	458.4	440.4	420.2	399.0	377.5	356.5
67.5°	582.4	570.1	561.4	553.1	542.6	529.7	511.0	489.2	465.4	440.4	415.6
65°	652.8	639.0	630.4	622.8	612.7	599.7	580.0	557.9	532.8	505.0	476.2
62.5°	726.4	715.1	705.6	694.5	682.5	668.1	648.3	625.1	599.7	570.5	537.1
60°	795.1	786.8	771.9	758.2	746.0	730.9	707.4	685.1	664.4	630.8	594.8
57.5°	848.6	838.7	825.0	810.7	796.1	776.7	755.7	734.6	710.6	682.3	648.8
55°	893.0	882.2	869.3	855.3	839.4	817.8	796.1	773.6	750.4	726.9	694.1
52.5°	941.9	930.0	914.8	896.2	877.9	856.6	832.3	808.4	786.7	762.6	735.9
50°	999.8	985.3	968.0	948.2	923.7	897.2	871.7	843.8	821.1	797.6	770.3
47.5°	1077.8	1053.8	1028.1	1004.7	974.5	942.5	913.1	884.4	857.6	832.2	804.4
45°	1195.0	1150.0	1101.5	1069.1	1030.7	994.2	956.5	924.1	893.3	864.7	838.7
42.5°	1363.1	1291.6	1225.4	1161.0	1099.4	1054.6	1007.7	967.5	930.3	896.3	865.7
40°	1606.1	1482.6	1391.5	1289.9	1207.3	1128.3	1068.3	1013.6	970.6	930.3	893.0
37.5°	1972.8	1768.7	1617.3	1458.7	1343.6	1233.7	1141.2	1070.0	1011.6	964.9	921.6
35°	2540.4	2222.0	1938.1	1713.7	1510.0	1365.4	1236.1	1136.3	1061.4	1000.4	949.9
32.5°	3427.4	2922.1	2406.8	2075.1	1760.5	1524.4	1358.2	1220.9	1114.8	1042.2	981.5
30°	4807.0	3916.2	3158.1	2539.4	2107.9	1747.1	1494.2	1326.2	1190.6	1084.6	1013.5
27.5°	6809.4	5248.8	4188.1	3223.8	2527.6	2053.6	1691.2	1439.0	1270.3	1143.8	1050.3
25°	9146.9	7278.7	5462.4	4158.3	3133.0	2400.1	1921.2	1596.8	1368.9	1205.6	1082.6
22.5°	11610.5	9419.8	7242.8	5212.1	3884.1	2907.0	2218.2	1756.1	1462.1	1271.4	1129.6
20°	14054.9	11581.3	9101.1	6778.8	4798.6	3403.2	2541.3	1967.3	1592.1	1345.1	1174.2
17.5°	16301.3	13702.7	10985.3	8300.4	5924.9	4157.8	2950.7	2180.9	1705.5	1410.6	1212.8
15°	18428.7	15685.3	12818.8	9914.6	7128.7	4822.4	3299.7	2367.1	1823.5	1486.7	1263.2
12.5°	20355.4	17465.7	14449.5	11302.3	8197.5	5567.2	3765.1	2641.4	1968.5	1565.7	1310.8
10°	22037.1	18951.7	15738.0	12468.4	9230.5	6338.3	4205.1	2875.4	2094.0	1631.2	1349.7
7.5°	23244.9	20121.7	16761.8	13411.0	10070.8	7001.0	4579.2	3060.6	2192.6	1681.4	1379.7
5°	24133.1	21034.2	17615.3	14176.9	10694.5	7496.5	4858.5	3190.8	2263.0	1716.1	1400.5
2.5°	24742.2	21611.5	18186.5	14679.4	11056.4	7787.4	5036.5	3260.9	2296.4	1743.4	1412.0
0°	24915.5	21776.0	18330.5	14943.0	11112.2	7825.0	5107.6	3271.4	2295.3	1757.1	1414.1
-2.5°	24742.2	21611.5	18186.5	14679.4	11056.4	7787.4	5036.5	3260.9	2296.4	1743.4	1412.0
-5°	24133.1	21034.2	17615.3	14176.9	10694.5	7496.5	4858.5	3190.8	2263.0	1716.1	1400.5
-7.5°	23244.9	20121.7	16761.8	13411.0	10070.8	7001.0	4579.2	3060.6	2192.6	1681.4	1379.7
-10°	22037.1	18951.7	15738.0	12468.4	9230.5	6338.3	4205.1	2875.4	2094.0	1631.2	1349.7
-12.5°	20355.4	17465.7	14449.5	11302.3	8197.5	5567.2	3765.1	2641.4	1968.5	1565.7	1310.8
-15°	18428.7	15685.3	12818.8	9914.6	7128.7	4822.4	3299.7	2367.1	1823.5	1486.7	1263.2
-17.5°	16301.3	13702.7	10985.3	8300.4	5924.9	4157.8	2950.7	2180.9	1705.5	1410.6	1212.8
-20°	14054.9	11581.3	9101.1	6778.8	4798.6	3403.2	2541.3	1967.3	1592.1	1345.1	1174.2



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11610.5	9419.8	7242.8	5212.1	3884.1	2907.0	2218.2	1756.1	1462.1	1271.4	1129.6
-25°	9146.9	7278.7	5462.4	4158.3	3133.0	2400.1	1921.2	1596.8	1368.9	1205.6	1082.6
-27.5°	6809.4	5248.8	4188.1	3223.8	2527.6	2053.6	1691.2	1439.0	1270.3	1143.8	1050.3
-30°	4807.0	3916.2	3158.1	2539.4	2107.9	1747.1	1494.2	1326.2	1190.6	1084.6	1013.5
-32.5°	3427.4	2922.1	2406.8	2075.1	1760.5	1524.4	1358.2	1220.9	1114.8	1042.2	981.5
-35°	2540.4	2222.0	1938.1	1713.7	1510.0	1365.4	1236.1	1136.3	1061.4	1000.4	949.9
-37.5°	1972.8	1768.7	1617.3	1458.7	1343.6	1233.7	1141.2	1070.0	1011.6	964.9	921.6
-40°	1606.1	1482.6	1391.5	1289.9	1207.3	1128.3	1068.3	1013.6	970.6	930.3	893.0
-42.5°	1363.1	1291.6	1225.4	1161.0	1099.4	1054.6	1007.7	967.5	930.3	896.3	865.7
-45°	1195.0	1150.0	1101.5	1069.1	1030.7	994.2	956.5	924.1	893.3	864.7	838.7
-47.5°	1077.8	1053.8	1028.1	1004.7	974.5	942.5	913.1	884.4	857.6	832.2	804.4
-50°	999.8	985.3	968.0	948.2	923.7	897.2	871.7	843.8	821.1	797.6	770.3
-52.5°	941.9	930.0	914.8	896.2	877.9	856.6	832.3	808.4	786.7	762.6	735.9
-55°	893.0	882.2	869.3	855.3	839.4	817.8	796.1	773.6	750.4	726.9	694.1
-57.5°	848.6	838.7	825.0	810.7	796.1	776.7	755.7	734.6	710.6	682.3	648.8
-60°	795.1	786.8	771.9	758.2	746.0	730.9	707.4	685.1	664.4	630.8	594.8
-62.5°	726.4	715.1	705.6	694.5	682.5	668.1	648.3	625.1	599.7	570.5	537.1
-65°	652.8	639.0	630.4	622.8	612.7	599.7	580.0	557.9	532.8	505.0	476.2
-67.5°	582.4	570.1	561.4	553.1	542.6	529.7	511.0	489.2	465.4	440.4	415.6
-70°	511.7	501.9	493.2	484.1	472.5	458.4	440.4	420.2	399.0	377.5	356.5
-72.5°	438.3	430.7	421.9	411.3	399.0	385.3	370.0	353.2	335.6	317.1	298.9
-75°	363.1	355.9	347.3	337.4	326.6	315.0	302.6	288.9	274.5	259.4	244.2
-77.5°	285.5	278.7	271.3	263.9	256.0	247.8	238.6	227.2	215.7	203.7	191.5
-80°	208.9	204.2	199.1	194.7	189.8	184.4	178.1	169.1	159.7	150.4	141.7
-82.5°	141.0	137.5	133.7	131.1	128.1	124.7	120.9	115.1	109.1	103.2	97.2
-85°	80.0	76.8	73.6	72.6	71.5	70.2	68.7	65.7	62.5	59.2	55.7
-87.5°	27.3	25.6	23.9	24.6	25.2	25.6	26.0	25.1	24.3	23.4	22.4
-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: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-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°	21.4	20.4	19.3	18.2	17.0	15.8	14.6	13.4	11.6	9.9	8.3
85°	52.0	48.2	44.3	40.2	35.9	31.7	29.2	26.7	23.2	19.8	16.6
82.5°	91.2	85.4	79.4	73.2	66.1	59.1	52.3	45.6	38.1	30.3	24.9
80°	133.7	125.4	116.7	107.7	97.3	86.4	76.9	67.7	58.6	49.0	38.8
77.5°	179.8	167.7	155.1	143.6	131.6	118.9	105.3	91.2	79.0	67.6	55.5
75°	229.1	214.4	199.3	183.7	167.6	151.3	135.8	119.5	103.2	86.6	72.2
72.5°	281.4	263.1	244.2	224.9	206.1	186.9	167.2	147.5	128.5	109.2	89.6
70°	335.1	312.8	290.7	268.9	246.1	222.4	199.9	176.7	153.6	131.5	109.2
67.5°	389.9	364.8	338.8	313.1	287.7	261.0	232.9	205.8	179.4	153.6	128.5
65°	447.5	417.9	387.4	358.2	329.1	299.9	269.1	235.4	204.7	175.8	147.5
62.5°	504.2	471.8	437.6	402.9	369.8	337.4	304.7	267.2	230.2	197.5	166.3
60°	559.1	522.8	486.0	447.6	409.9	373.8	337.4	298.2	257.8	218.6	184.6
57.5°	609.5	571.4	530.3	489.8	449.3	409.2	369.0	327.4	284.6	241.6	202.3
55°	656.8	615.3	572.4	528.7	486.1	443.4	399.8	355.4	310.4	264.5	219.7
52.5°	701.2	657.8	612.3	565.9	519.8	475.7	429.7	382.6	334.9	286.6	238.8
50°	740.1	699.2	651.1	602.0	552.1	505.6	458.8	409.0	358.6	307.7	257.5
47.5°	772.7	735.2	688.6	636.9	584.5	534.8	486.0	434.4	381.5	328.0	275.4
45°	804.5	768.4	723.4	670.7	616.4	563.9	512.1	459.0	403.5	347.6	292.5
42.5°	834.4	798.3	756.3	703.0	647.0	591.9	537.6	482.1	424.5	366.3	308.8
40°	859.9	824.5	787.2	734.1	675.9	618.4	561.7	504.3	444.7	384.0	324.2
37.5°	884.6	848.4	810.0	763.4	702.9	643.2	584.4	525.7	464.1	401.2	338.7
35°	908.6	871.2	830.5	786.1	728.0	666.3	605.6	545.7	482.3	417.6	352.2
32.5°	930.0	891.5	849.3	804.5	751.2	687.7	625.2	563.3	499.2	433.1	364.8
30°	955.6	908.7	866.2	822.6	771.0	707.3	643.3	579.6	514.7	447.8	376.7
27.5°	980.0	925.2	881.4	837.6	786.6	725.1	660.1	594.8	528.9	461.1	388.4
25°	1003.6	944.0	895.5	850.2	801.4	742.1	675.5	608.6	541.5	472.7	399.2
22.5°	1030.7	961.2	908.7	861.1	815.7	757.4	689.4	621.2	552.7	483.1	409.1
20°	1054.9	975.5	920.8	871.4	826.4	769.1	701.9	632.4	562.7	492.3	418.0
17.5°	1078.5	991.6	932.7	881.3	834.4	779.2	712.8	642.2	571.4	500.3	425.9
15°	1111.3	1010.1	943.0	889.8	841.2	787.9	722.2	650.6	578.9	507.0	433.1
12.5°	1139.4	1025.6	951.5	896.7	846.7	795.1	730.0	657.5	585.0	513.0	439.4
10°	1162.1	1038.0	958.2	902.0	851.0	800.7	736.1	663.4	590.9	518.3	444.5
7.5°	1179.4	1047.2	962.9	905.8	853.9	804.8	741.8	668.6	595.5	522.3	448.6
5°	1191.2	1053.2	966.9	908.0	855.5	807.3	745.9	672.4	598.8	525.3	451.5
2.5°	1197.3	1055.9	969.9	908.6	855.8	808.1	748.5	674.6	600.8	527.0	453.2
0°	1197.8	1055.3	970.9	907.6	854.8	807.3	749.3	675.4	601.5	527.6	453.8
-2.5°	1197.3	1055.9	969.9	908.6	855.8	808.1	748.5	674.6	600.8	527.0	453.2
-5°	1191.2	1053.2	966.9	908.0	855.5	807.3	745.9	672.4	598.8	525.3	451.5
-7.5°	1179.4	1047.2	962.9	905.8	853.9	804.8	741.8	668.6	595.5	522.3	448.6
-10°	1162.1	1038.0	958.2	902.0	851.0	800.7	736.1	663.4	590.9	518.3	444.5
-12.5°	1139.4	1025.6	951.5	896.7	846.7	795.1	730.0	657.5	585.0	513.0	439.4
-15°	1111.3	1010.1	943.0	889.8	841.2	787.9	722.2	650.6	578.9	507.0	433.1
-17.5°	1078.5	991.6	932.7	881.3	834.4	779.2	712.8	642.2	571.4	500.3	425.9
-20°	1054.9	975.5	920.8	871.4	826.4	769.1	701.9	632.4	562.7	492.3	418.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1030.7	961.2	908.7	861.1	815.7	757.4	689.4	621.2	552.7	483.1	409.1
-25°	1003.6	944.0	895.5	850.2	801.4	742.1	675.5	608.6	541.5	472.7	399.2
-27.5°	980.0	925.2	881.4	837.6	786.6	725.1	660.1	594.8	528.9	461.1	388.4
-30°	955.6	908.7	866.2	822.6	771.0	707.3	643.3	579.6	514.7	447.8	376.7
-32.5°	930.0	891.5	849.3	804.5	751.2	687.7	625.2	563.3	499.2	433.1	364.8
-35°	908.6	871.2	830.5	786.1	728.0	666.3	605.6	545.7	482.3	417.6	352.2
-37.5°	884.6	848.4	810.0	763.4	702.9	643.2	584.4	525.7	464.1	401.2	338.7
-40°	859.9	824.5	787.2	734.1	675.9	618.4	561.7	504.3	444.7	384.0	324.2
-42.5°	834.4	798.3	756.3	703.0	647.0	591.9	537.6	482.1	424.5	366.3	308.8
-45°	804.5	768.4	723.4	670.7	616.4	563.9	512.1	459.0	403.5	347.6	292.5
-47.5°	772.7	735.2	688.6	636.9	584.5	534.8	486.0	434.4	381.5	328.0	275.4
-50°	740.1	699.2	651.1	602.0	552.1	505.6	458.8	409.0	358.6	307.7	257.5
-52.5°	701.2	657.8	612.3	565.9	519.8	475.7	429.7	382.6	334.9	286.6	238.8
-55°	656.8	615.3	572.4	528.7	486.1	443.4	399.8	355.4	310.4	264.5	219.7
-57.5°	609.5	571.4	530.3	489.8	449.3	409.2	369.0	327.4	284.6	241.6	202.3
-60°	559.1	522.8	486.0	447.6	409.9	373.8	337.4	298.2	257.8	218.6	184.6
-62.5°	504.2	471.8	437.6	402.9	369.8	337.4	304.7	267.2	230.2	197.5	166.3
-65°	447.5	417.9	387.4	358.2	329.1	299.9	269.1	235.4	204.7	175.8	147.5
-67.5°	389.9	364.8	338.8	313.1	287.7	261.0	232.9	205.8	179.4	153.6	128.5
-70°	335.1	312.8	290.7	268.9	246.1	222.4	199.9	176.7	153.6	131.5	109.2
-72.5°	281.4	263.1	244.2	224.9	206.1	186.9	167.2	147.5	128.5	109.2	89.6
-75°	229.1	214.4	199.3	183.7	167.6	151.3	135.8	119.5	103.2	86.6	72.2
-77.5°	179.8	167.7	155.1	143.6	131.6	118.9	105.3	91.2	79.0	67.6	55.5
-80°	133.7	125.4	116.7	107.7	97.3	86.4	76.9	67.7	58.6	49.0	38.8
-82.5°	91.2	85.4	79.4	73.2	66.1	59.1	52.3	45.6	38.1	30.3	24.9
-85°	52.0	48.2	44.3	40.2	35.9	31.7	29.2	26.7	23.2	19.8	16.6
-87.5°	21.4	20.4	19.3	18.2	17.0	15.8	14.6	13.4	11.6	9.9	8.3
-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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Scaled Data Report



REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
85°	13.6	11.4	9.2	6.9	4.6	2.3	0.0
82.5°	20.4	17.1	13.7	10.3	6.9	3.4	0.0
80°	28.2	22.7	18.2	13.7	9.2	4.6	0.0
77.5°	42.9	30.7	22.7	17.1	11.4	5.7	0.0
75°	57.5	42.9	28.2	20.4	13.6	6.8	0.0
72.5°	72.0	55.0	37.8	23.8	15.9	7.9	0.0
70°	86.5	66.9	47.4	27.8	18.0	9.0	0.0
67.5°	103.0	78.6	56.8	34.8	20.2	10.1	0.0
65°	119.1	91.0	66.0	41.8	22.3	11.2	0.0
62.5°	134.9	104.0	75.1	48.6	24.4	12.2	0.0
60°	150.2	116.6	84.0	55.2	26.4	13.2	0.0
57.5°	165.6	128.9	93.6	61.7	30.6	14.2	0.0
55°	180.6	140.8	103.0	68.0	34.7	15.1	0.0
52.5°	195.4	152.4	112.1	74.1	38.7	16.1	0.0
50°	209.7	164.4	120.9	80.1	42.6	17.0	0.0
47.5°	223.8	176.0	129.3	85.9	46.2	17.8	0.0
45°	238.4	187.2	137.3	91.9	49.7	18.7	0.0
42.5°	252.3	198.0	144.9	97.6	53.1	19.5	0.0
40°	265.5	208.4	152.7	102.9	56.2	20.2	0.0
37.5°	277.9	218.3	160.6	107.9	59.2	20.9	0.0
35°	289.6	228.0	168.0	112.5	61.9	21.6	0.0
32.5°	300.5	237.1	175.1	116.8	64.5	22.3	0.0
30°	310.5	245.6	181.7	120.8	66.9	22.9	0.0
27.5°	319.7	253.4	187.6	124.5	69.1	23.4	0.0
25°	328.1	260.5	192.9	127.9	71.0	23.9	0.0
22.5°	335.6	266.8	197.7	131.0	72.8	24.4	0.0
20°	342.3	272.2	202.0	133.7	74.3	24.8	0.0
17.5°	348.3	276.9	205.7	136.0	75.7	25.2	0.0
15°	353.7	280.9	208.9	138.0	76.8	25.5	0.0
12.5°	358.4	284.2	211.5	139.7	77.7	25.8	0.0
10°	362.3	286.8	213.6	141.0	78.4	26.0	0.0
7.5°	365.4	288.7	215.1	141.9	78.9	26.2	0.0
5°	367.6	289.9	216.1	142.5	79.2	26.3	0.0
2.5°	368.9	290.4	216.5	142.7	79.2	26.4	0.0
0°	369.4	290.2	216.3	142.5	79.1	26.4	0.0
-2.5°	368.9	290.4	216.5	142.7	79.2	26.4	0.0
-5°	367.6	289.9	216.1	142.5	79.2	26.3	0.0
-7.5°	365.4	288.7	215.1	141.9	78.9	26.2	0.0
-10°	362.3	286.8	213.6	141.0	78.4	26.0	0.0
-12.5°	358.4	284.2	211.5	139.7	77.7	25.8	0.0
-15°	353.7	280.9	208.9	138.0	76.8	25.5	0.0
-17.5°	348.3	276.9	205.7	136.0	75.7	25.2	0.0
-20°	342.3	272.2	202.0	133.7	74.3	24.8	0.0

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REPORT NUMBER: P627597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	335.6	266.8	197.7	131.0	72.8	24.4	0.0
-25°	328.1	260.5	192.9	127.9	71.0	23.9	0.0
-27.5°	319.7	253.4	187.6	124.5	69.1	23.4	0.0
-30°	310.5	245.6	181.7	120.8	66.9	22.9	0.0
-32.5°	300.5	237.1	175.1	116.8	64.5	22.3	0.0
-35°	289.6	228.0	168.0	112.5	61.9	21.6	0.0
-37.5°	277.9	218.3	160.6	107.9	59.2	20.9	0.0
-40°	265.5	208.4	152.7	102.9	56.2	20.2	0.0
-42.5°	252.3	198.0	144.9	97.6	53.1	19.5	0.0
-45°	238.4	187.2	137.3	91.9	49.7	18.7	0.0
-47.5°	223.8	176.0	129.3	85.9	46.2	17.8	0.0
-50°	209.7	164.4	120.9	80.1	42.6	17.0	0.0
-52.5°	195.4	152.4	112.1	74.1	38.7	16.1	0.0
-55°	180.6	140.8	103.0	68.0	34.7	15.1	0.0
-57.5°	165.6	128.9	93.6	61.7	30.6	14.2	0.0
-60°	150.2	116.6	84.0	55.2	26.4	13.2	0.0
-62.5°	134.9	104.0	75.1	48.6	24.4	12.2	0.0
-65°	119.1	91.0	66.0	41.8	22.3	11.2	0.0
-67.5°	103.0	78.6	56.8	34.8	20.2	10.1	0.0
-70°	86.5	66.9	47.4	27.8	18.0	9.0	0.0
-72.5°	72.0	55.0	37.8	23.8	15.9	7.9	0.0
-75°	57.5	42.9	28.2	20.4	13.6	6.8	0.0
-77.5°	42.9	30.7	22.7	17.1	11.4	5.7	0.0
-80°	28.2	22.7	18.2	13.7	9.2	4.6	0.0
-82.5°	20.4	17.1	13.7	10.3	6.9	3.4	0.0
-85°	13.6	11.4	9.2	6.9	4.6	2.3	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)