

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: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627397 (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-SA4C-735-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N96  
Light Source: (64) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

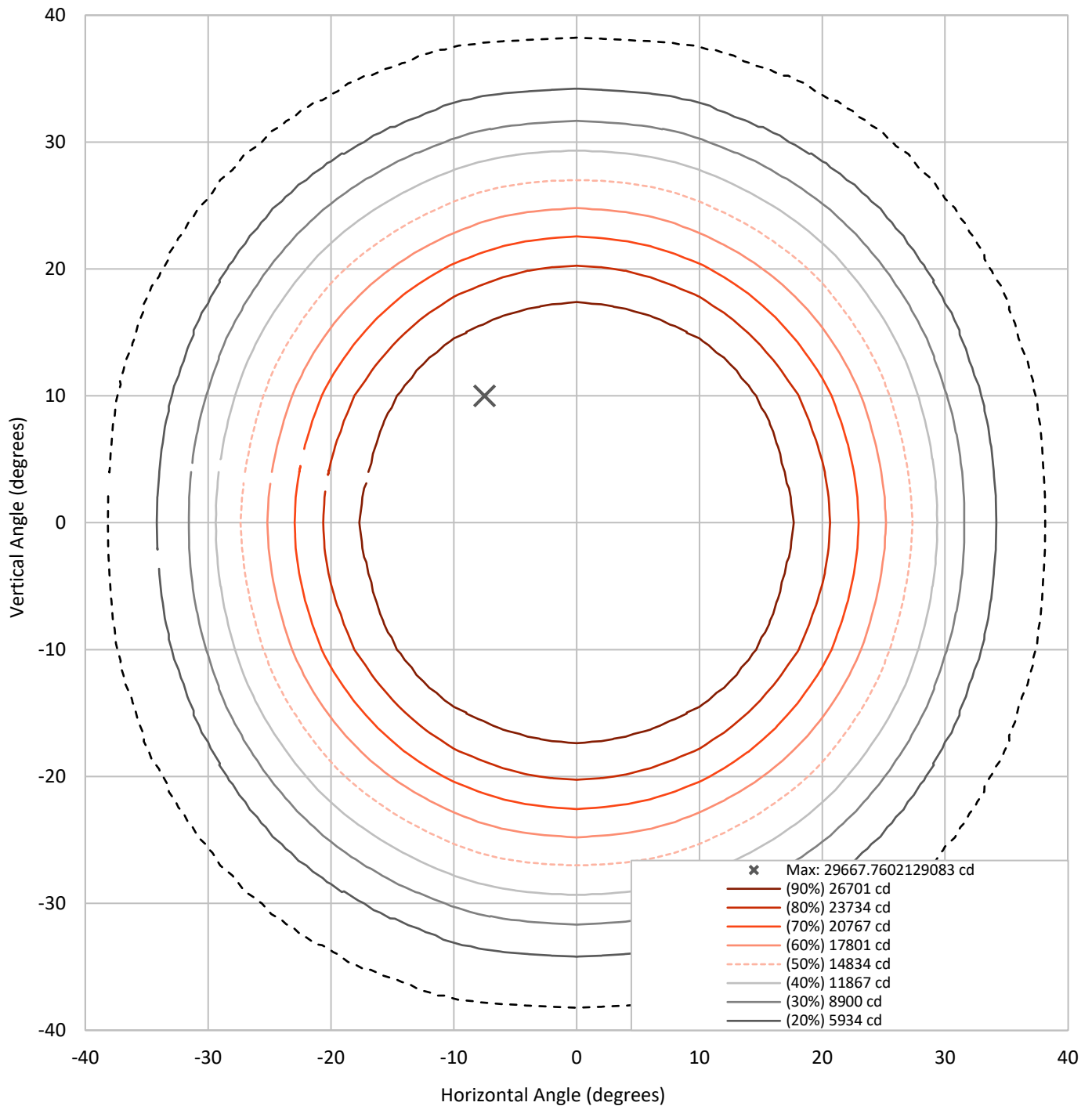
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25250.1 lumens	Max Intensity:	29667.8 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	150.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	16759.5 lumens	Field Lumens:	21792.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	168.2		
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





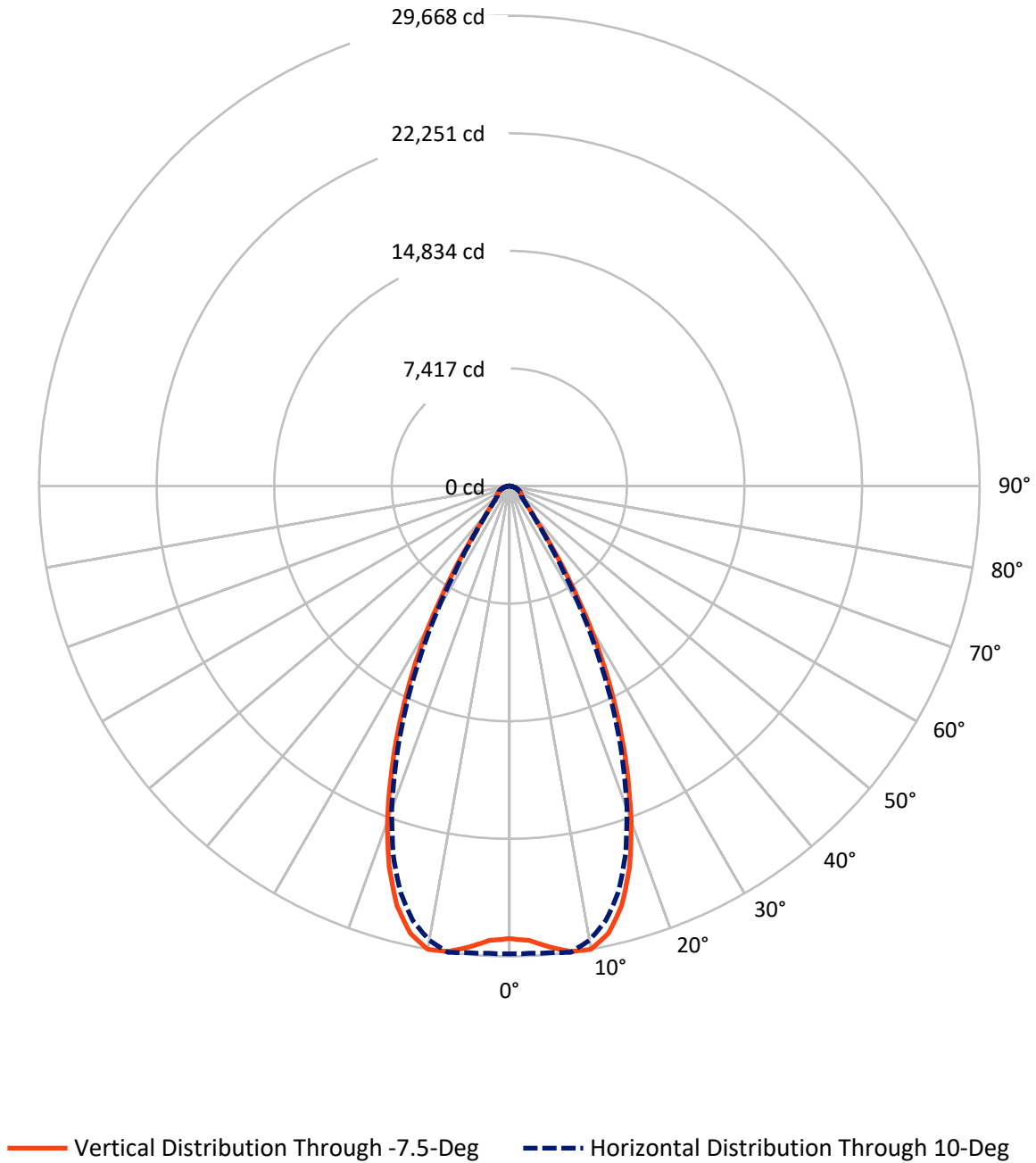
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### Lumen Table

90																
80	0.7	5.9		15.9		25.1		28.0		25.1		15.9		5.9		0.7
70																
60	2.7	3.0	6.2	10.1	14.1	17.2	19.4	20.5	20.5	19.4	17.2	14.1	10.1	6.2	3.0	2.7
50		4.5	9.1	14.6	19.5	23.6	26.4	27.5	27.5	26.4	23.6	19.5	14.6	9.1	4.5	
40	4.7	5.9	11.5	17.7	23.7	30.8	38.8	44.5	44.5	38.8	30.8	23.7	17.7	11.5	5.9	4.7
30		7.0	13.4	20.3	31.5	57.4	109.8	162.8	162.8	109.8	57.4	31.5	20.3	13.4	7.0	
20	6.1	7.8	14.6	23.7	51.7	162.1	363.7	507.8	507.8	363.7	162.1	51.7	23.7	14.6	7.8	6.1
10		8.3	15.4	28.2	93.5	345.6	659.9	825.9	825.9	659.9	345.6	93.5	28.2	15.4	8.3	
0	6.6	8.6	15.8	31.7	134.6	472.9	800.6	871.1	871.1	800.6	472.9	134.6	31.7	15.8	8.6	6.6
-10		8.6	15.8	31.7	134.6	472.9	800.6	871.1	871.1	800.6	472.9	134.6	31.7	15.8	8.6	
-20	6.1	8.3	15.4	28.2	93.5	345.6	659.9	825.9	825.9	659.9	345.6	93.5	28.2	15.4	8.3	6.1
-30		7.8	14.6	23.7	51.7	162.1	363.7	507.8	507.8	363.7	162.1	51.7	23.7	14.6	7.8	
-40	4.7	7.0	13.4	20.3	31.5	57.4	109.8	162.8	162.8	109.8	57.4	31.5	20.3	13.4	7.0	4.7
-50		5.9	11.5	17.7	23.7	30.8	38.8	44.5	44.5	38.8	30.8	23.7	17.7	11.5	5.9	
-60	2.7	4.5	9.1	14.6	19.5	23.6	26.4	27.5	27.5	26.4	23.6	19.5	14.6	9.1	4.5	2.7
-70		3.0	6.2	10.1	14.1	17.2	19.4	20.5	20.5	19.4	17.2	14.1	10.1	6.2	3.0	
-80																
-90	0.7	5.9		15.9		25.1		28.0		25.1		15.9		5.9		0.7
Horizontal Angle (degrees)																

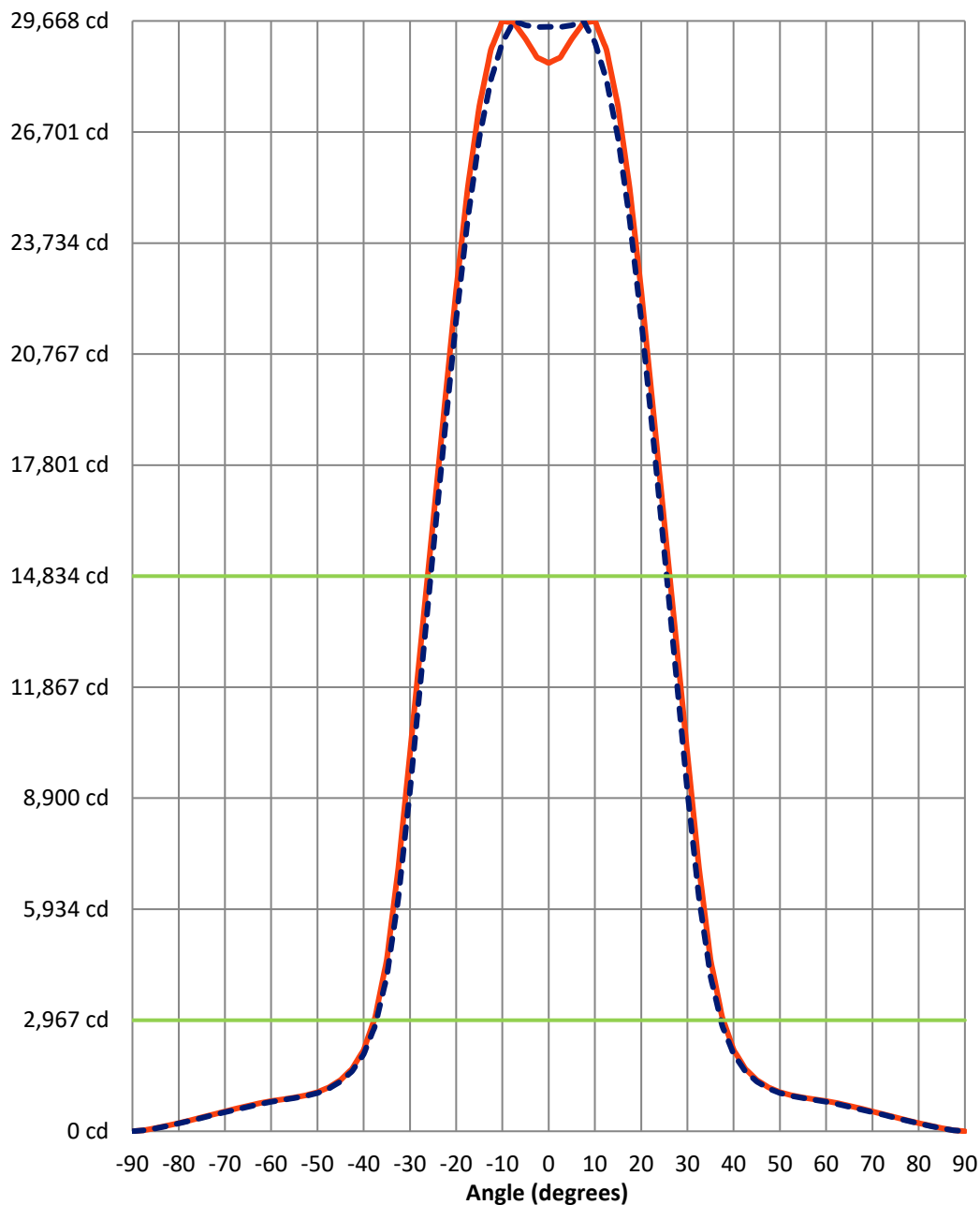
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 16759.5  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 21792.1  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 3458  
 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	1.1	2.3	3.4	4.5	5.6	6.7	8.2	9.8	11.4	13.2
85°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	16.4	19.5	22.8	26.3
82.5°	0.0	3.4	6.8	10.2	13.5	16.8	20.1	24.5	29.8	37.6	44.9
80°	0.0	4.5	9.0	13.5	18.0	22.4	27.7	38.2	48.2	57.7	66.6
77.5°	0.0	5.6	11.2	16.8	22.4	30.2	42.2	54.7	66.6	77.8	89.8
75°	0.0	6.7	13.4	20.1	27.7	42.2	56.6	71.1	85.2	101.6	117.7
72.5°	0.0	7.8	15.6	23.4	37.3	54.1	70.9	88.2	107.5	126.5	145.2
70°	0.0	8.9	17.8	27.3	46.7	65.9	85.2	107.5	129.5	151.2	174.0
67.5°	0.0	9.9	19.9	34.3	55.9	77.4	101.4	126.5	151.2	176.6	202.5
65°	0.0	11.0	22.0	41.1	65.0	89.6	117.3	145.2	173.0	201.5	231.7
62.5°	0.0	12.0	24.0	47.8	73.9	102.4	132.8	163.7	194.4	226.5	262.9
60°	0.0	13.0	26.0	54.4	82.7	114.8	147.9	181.6	215.2	253.7	293.4
57.5°	0.0	14.0	30.1	60.8	92.2	126.9	163.0	199.1	237.8	280.0	322.1
55°	0.0	14.9	34.2	67.0	101.4	138.6	177.8	216.3	260.2	305.4	349.7
52.5°	0.0	15.8	38.1	73.0	110.4	150.0	192.3	235.0	281.9	329.5	376.5
50°	0.0	16.7	41.9	78.8	119.0	161.8	206.4	253.4	302.7	352.8	402.4
47.5°	0.0	17.6	45.5	84.6	127.3	173.2	220.2	271.0	322.7	375.3	427.5
45°	0.0	18.4	49.0	90.5	135.2	184.3	234.6	287.8	342.0	397.0	451.6
42.5°	0.0	19.2	52.3	96.1	142.7	194.9	248.3	303.8	360.4	417.7	474.4
40°	0.0	19.9	55.4	101.3	150.3	205.1	261.2	319.0	377.9	437.5	496.3
37.5°	0.0	20.6	58.3	106.2	158.1	214.9	273.5	333.2	394.8	456.7	517.3
35°	0.0	21.3	61.0	110.7	165.4	224.4	285.0	346.6	410.9	474.5	537.0
32.5°	0.0	21.9	63.5	115.0	172.3	233.4	295.6	358.9	426.2	491.2	554.3
30°	0.0	22.5	65.9	119.0	178.8	241.7	305.5	370.6	440.6	506.5	570.4
27.5°	0.0	23.1	68.0	122.6	184.6	249.4	314.6	382.1	453.7	520.5	585.3
25°	0.0	23.6	69.9	125.9	189.8	256.4	322.8	392.7	465.1	532.9	598.9
22.5°	0.0	24.0	71.7	128.9	194.6	262.6	330.2	402.5	475.3	543.9	611.3
20°	0.0	24.4	73.2	131.6	198.8	267.9	336.8	411.3	484.4	553.7	622.3
17.5°	0.0	24.8	74.5	133.9	202.5	272.5	342.7	419.1	492.3	562.3	631.9
15°	0.0	25.1	75.6	135.8	205.6	276.4	348.0	426.1	498.9	569.6	640.2
12.5°	0.0	25.4	76.5	137.4	208.2	279.7	352.6	432.3	504.8	575.7	647.0
10°	0.0	25.6	77.2	138.7	210.3	282.3	356.4	437.4	510.0	581.4	652.8
7.5°	0.0	25.8	77.7	139.6	211.8	284.2	359.4	441.4	514.0	586.0	658.0
5°	0.0	25.9	78.0	140.2	212.7	285.3	361.6	444.2	516.9	589.3	661.6
2.5°	0.0	26.0	78.0	140.4	213.1	285.8	362.9	445.9	518.6	591.2	663.9
0°	0.0	26.0	77.9	140.2	212.9	285.6	363.4	446.5	519.2	591.9	664.6
-2.5°	0.0	26.0	78.0	140.4	213.1	285.8	362.9	445.9	518.6	591.2	663.9
-5°	0.0	25.9	78.0	140.2	212.7	285.3	361.6	444.2	516.9	589.3	661.6
-7.5°	0.0	25.8	77.7	139.6	211.8	284.2	359.4	441.4	514.0	586.0	658.0
-10°	0.0	25.6	77.2	138.7	210.3	282.3	356.4	437.4	510.0	581.4	652.8
-12.5°	0.0	25.4	76.5	137.4	208.2	279.7	352.6	432.3	504.8	575.7	647.0
-15°	0.0	25.1	75.6	135.8	205.6	276.4	348.0	426.1	498.9	569.6	640.2
-17.5°	0.0	24.8	74.5	133.9	202.5	272.5	342.7	419.1	492.3	562.3	631.9
-20°	0.0	24.4	73.2	131.6	198.8	267.9	336.8	411.3	484.4	553.7	622.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4C-735-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	24.0	71.7	128.9	194.6	262.6	330.2	402.5	475.3	543.9	611.3
-25°	0.0	23.6	69.9	125.9	189.8	256.4	322.8	392.7	465.1	532.9	598.9
-27.5°	0.0	23.1	68.0	122.6	184.6	249.4	314.6	382.1	453.7	520.5	585.3
-30°	0.0	22.5	65.9	119.0	178.8	241.7	305.5	370.6	440.6	506.5	570.4
-32.5°	0.0	21.9	63.5	115.0	172.3	233.4	295.6	358.9	426.2	491.2	554.3
-35°	0.0	21.3	61.0	110.7	165.4	224.4	285.0	346.6	410.9	474.5	537.0
-37.5°	0.0	20.6	58.3	106.2	158.1	214.9	273.5	333.2	394.8	456.7	517.3
-40°	0.0	19.9	55.4	101.3	150.3	205.1	261.2	319.0	377.9	437.5	496.3
-42.5°	0.0	19.2	52.3	96.1	142.7	194.9	248.3	303.8	360.4	417.7	474.4
-45°	0.0	18.4	49.0	90.5	135.2	184.3	234.6	287.8	342.0	397.0	451.6
-47.5°	0.0	17.6	45.5	84.6	127.3	173.2	220.2	271.0	322.7	375.3	427.5
-50°	0.0	16.7	41.9	78.8	119.0	161.8	206.4	253.4	302.7	352.8	402.4
-52.5°	0.0	15.8	38.1	73.0	110.4	150.0	192.3	235.0	281.9	329.5	376.5
-55°	0.0	14.9	34.2	67.0	101.4	138.6	177.8	216.3	260.2	305.4	349.7
-57.5°	0.0	14.0	30.1	60.8	92.2	126.9	163.0	199.1	237.8	280.0	322.1
-60°	0.0	13.0	26.0	54.4	82.7	114.8	147.9	181.6	215.2	253.7	293.4
-62.5°	0.0	12.0	24.0	47.8	73.9	102.4	132.8	163.7	194.4	226.5	262.9
-65°	0.0	11.0	22.0	41.1	65.0	89.6	117.3	145.2	173.0	201.5	231.7
-67.5°	0.0	9.9	19.9	34.3	55.9	77.4	101.4	126.5	151.2	176.6	202.5
-70°	0.0	8.9	17.8	27.3	46.7	65.9	85.2	107.5	129.5	151.2	174.0
-72.5°	0.0	7.8	15.6	23.4	37.3	54.1	70.9	88.2	107.5	126.5	145.2
-75°	0.0	6.7	13.4	20.1	27.7	42.2	56.6	71.1	85.2	101.6	117.7
-77.5°	0.0	5.6	11.2	16.8	22.4	30.2	42.2	54.7	66.6	77.8	89.8
-80°	0.0	4.5	9.0	13.5	18.0	22.4	27.7	38.2	48.2	57.7	66.6
-82.5°	0.0	3.4	6.8	10.2	13.5	16.8	20.1	24.5	29.8	37.6	44.9
-85°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	16.4	19.5	22.8	26.3
-87.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	8.2	9.8	11.4	13.2
-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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**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°	14.4	15.6	16.8	17.9	19.0	20.1	21.1	22.1	23.0	23.9	24.7
85°	28.8	31.2	35.3	39.5	43.6	47.5	51.2	54.8	58.2	61.5	64.7
82.5°	51.5	58.2	65.1	72.1	78.2	84.0	89.8	95.7	101.6	107.4	113.2
80°	75.7	85.1	95.8	106.0	114.9	123.4	131.6	139.5	148.0	157.2	166.4
77.5°	103.7	117.0	129.6	141.4	152.7	165.1	177.0	188.5	200.5	212.3	223.6
75°	133.6	148.9	165.0	180.8	196.1	211.0	225.5	240.3	255.2	270.1	284.2
72.5°	164.6	184.0	202.9	221.3	240.4	258.9	276.9	294.1	312.0	330.2	347.6
70°	196.7	218.8	242.1	264.6	286.1	307.7	329.7	350.8	371.5	392.6	413.5
67.5°	229.2	256.9	283.1	308.1	333.4	358.9	383.6	408.9	433.4	457.9	481.4
65°	264.8	295.1	323.8	352.4	381.2	411.1	440.3	468.5	496.9	524.3	548.9
62.5°	299.8	332.0	363.8	396.4	430.6	464.2	496.1	528.5	561.4	590.1	615.1
60°	332.0	367.7	403.3	440.4	478.3	514.5	550.2	585.3	620.8	653.8	674.2
57.5°	363.1	402.6	442.1	482.0	521.9	562.3	599.8	638.4	671.4	699.2	722.8
55°	393.4	436.3	478.3	520.2	563.3	605.4	646.3	683.0	715.2	738.4	761.2
52.5°	422.8	468.1	511.5	556.8	602.5	647.3	690.0	724.1	750.4	774.2	795.5
50°	451.4	497.5	543.3	592.4	640.7	688.0	728.2	758.0	784.8	808.0	830.3
47.5°	478.2	526.2	575.1	626.8	677.6	723.4	760.3	791.5	818.9	843.9	870.3
45°	503.9	554.9	606.6	659.9	711.8	756.1	791.6	825.2	850.9	879.1	909.4
42.5°	529.0	582.5	636.7	691.7	744.1	785.5	821.0	851.9	882.1	915.4	952.0
40°	552.7	608.5	665.0	722.3	774.6	811.3	846.1	878.8	915.4	955.0	997.4
37.5°	575.1	632.9	691.6	751.2	797.0	834.8	870.5	906.9	949.5	995.4	1052.9
35°	595.9	655.7	716.4	773.5	817.1	857.3	894.1	934.7	984.5	1044.4	1118.1
32.5°	615.2	676.7	739.2	791.6	835.7	877.3	915.2	965.9	1025.6	1097.0	1201.3
30°	633.0	696.0	758.7	809.4	852.4	894.2	940.3	997.4	1067.2	1171.5	1305.0
27.5°	649.6	713.5	774.0	824.2	867.3	910.4	964.3	1033.5	1125.5	1249.9	1415.9
25°	664.7	730.3	788.7	836.6	881.2	928.9	987.6	1065.4	1186.3	1347.0	1571.3
22.5°	678.4	745.4	802.7	847.4	894.1	945.9	1014.3	1111.6	1251.0	1438.7	1728.0
20°	690.7	756.8	813.2	857.5	906.1	959.9	1038.1	1155.4	1323.6	1566.6	1935.9
17.5°	701.5	766.8	821.1	867.2	917.7	975.8	1061.3	1193.4	1388.0	1678.3	2146.1
15°	710.7	775.3	827.8	875.5	927.9	994.0	1093.5	1243.0	1462.9	1794.4	2329.2
12.5°	718.3	782.3	833.2	882.3	936.3	1009.2	1121.2	1289.8	1540.7	1937.0	2599.1
10°	724.3	787.9	837.3	887.6	942.8	1021.4	1143.6	1328.1	1605.2	2060.5	2829.4
7.5°	729.9	791.9	840.2	891.3	947.5	1030.4	1160.6	1357.6	1654.6	2157.5	3011.6
5°	734.0	794.4	841.8	893.5	951.4	1036.4	1172.2	1378.1	1688.7	2226.9	3139.8
2.5°	736.5	795.2	842.1	894.0	954.3	1039.0	1178.2	1389.5	1715.5	2259.7	3208.7
0°	737.3	794.4	841.1	893.0	955.3	1038.4	1178.6	1391.5	1729.0	2258.5	3219.1
-2.5°	736.5	795.2	842.1	894.0	954.3	1039.0	1178.2	1389.5	1715.5	2259.7	3208.7
-5°	734.0	794.4	841.8	893.5	951.4	1036.4	1172.2	1378.1	1688.7	2226.9	3139.8
-7.5°	729.9	791.9	840.2	891.3	947.5	1030.4	1160.6	1357.6	1654.6	2157.5	3011.6
-10°	724.3	787.9	837.3	887.6	942.8	1021.4	1143.6	1328.1	1605.2	2060.5	2829.4
-12.5°	718.3	782.3	833.2	882.3	936.3	1009.2	1121.2	1289.8	1540.7	1937.0	2599.1
-15°	710.7	775.3	827.8	875.5	927.9	994.0	1093.5	1243.0	1462.9	1794.4	2329.2
-17.5°	701.5	766.8	821.1	867.2	917.7	975.8	1061.3	1193.4	1388.0	1678.3	2146.1
-20°	690.7	756.8	813.2	857.5	906.1	959.9	1038.1	1155.4	1323.6	1566.6	1935.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	678.4	745.4	802.7	847.4	894.1	945.9	1014.3	1111.6	1251.0	1438.7	1728.0
-25°	664.7	730.3	788.7	836.6	881.2	928.9	987.6	1065.4	1186.3	1347.0	1571.3
-27.5°	649.6	713.5	774.0	824.2	867.3	910.4	964.3	1033.5	1125.5	1249.9	1415.9
-30°	633.0	696.0	758.7	809.4	852.4	894.2	940.3	997.4	1067.2	1171.5	1305.0
-32.5°	615.2	676.7	739.2	791.6	835.7	877.3	915.2	965.9	1025.6	1097.0	1201.3
-35°	595.9	655.7	716.4	773.5	817.1	857.3	894.1	934.7	984.5	1044.4	1118.1
-37.5°	575.1	632.9	691.6	751.2	797.0	834.8	870.5	906.9	949.5	995.4	1052.9
-40°	552.7	608.5	665.0	722.3	774.6	811.3	846.1	878.8	915.4	955.0	997.4
-42.5°	529.0	582.5	636.7	691.7	744.1	785.5	821.0	851.9	882.1	915.4	952.0
-45°	503.9	554.9	606.6	659.9	711.8	756.1	791.6	825.2	850.9	879.1	909.4
-47.5°	478.2	526.2	575.1	626.8	677.6	723.4	760.3	791.5	818.9	843.9	870.3
-50°	451.4	497.5	543.3	592.4	640.7	688.0	728.2	758.0	784.8	808.0	830.3
-52.5°	422.8	468.1	511.5	556.8	602.5	647.3	690.0	724.1	750.4	774.2	795.5
-55°	393.4	436.3	478.3	520.2	563.3	605.4	646.3	683.0	715.2	738.4	761.2
-57.5°	363.1	402.6	442.1	482.0	521.9	562.3	599.8	638.4	671.4	699.2	722.8
-60°	332.0	367.7	403.3	440.4	478.3	514.5	550.2	585.3	620.8	653.8	674.2
-62.5°	299.8	332.0	363.8	396.4	430.6	464.2	496.1	528.5	561.4	590.1	615.1
-65°	264.8	295.1	323.8	352.4	381.2	411.1	440.3	468.5	496.9	524.3	548.9
-67.5°	229.2	256.9	283.1	308.1	333.4	358.9	383.6	408.9	433.4	457.9	481.4
-70°	196.7	218.8	242.1	264.6	286.1	307.7	329.7	350.8	371.5	392.6	413.5
-72.5°	164.6	184.0	202.9	221.3	240.4	258.9	276.9	294.1	312.0	330.2	347.6
-75°	133.6	148.9	165.0	180.8	196.1	211.0	225.5	240.3	255.2	270.1	284.2
-77.5°	103.7	117.0	129.6	141.4	152.7	165.1	177.0	188.5	200.5	212.3	223.6
-80°	75.7	85.1	95.8	106.0	114.9	123.4	131.6	139.5	148.0	157.2	166.4
-82.5°	51.5	58.2	65.1	72.1	78.2	84.0	89.8	95.7	101.6	107.4	113.2
-85°	28.8	31.2	35.3	39.5	43.6	47.5	51.2	54.8	58.2	61.5	64.7
-87.5°	14.4	15.6	16.8	17.9	19.0	20.1	21.1	22.1	23.0	23.9	24.7
-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: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	25.6	25.2	24.8	24.2	23.6	25.2	26.9	28.5	30.1	29.2	28.2
85°	67.6	69.1	70.4	71.5	72.4	75.6	78.8	81.7	84.4	84.3	84.0
82.5°	119.0	122.8	126.1	129.0	131.6	135.4	138.8	141.7	144.2	146.1	147.6
80°	175.3	181.5	186.8	191.6	196.0	201.0	205.6	209.7	213.3	215.3	216.5
77.5°	234.8	243.8	252.0	259.7	267.0	274.3	280.9	286.8	291.9	293.2	292.9
75°	297.7	309.9	321.3	332.0	341.7	350.2	357.3	363.2	368.1	370.6	371.9
72.5°	364.1	379.1	392.6	404.7	415.2	423.8	431.3	437.8	443.3	446.8	448.8
70°	433.4	451.1	465.0	476.4	485.3	493.9	503.6	512.8	521.4	526.3	528.1
67.5°	502.8	521.2	533.9	544.3	552.4	560.9	573.1	584.1	593.8	600.4	604.6
65°	570.7	590.1	602.8	612.8	620.3	628.8	642.4	653.3	661.6	668.2	674.1
62.5°	637.9	657.4	671.6	683.4	694.3	703.6	714.8	724.0	731.1	737.5	744.9
60°	696.1	719.2	734.1	746.1	759.6	774.2	782.4	789.2	795.2	800.4	804.9
57.5°	743.6	764.2	783.3	797.7	811.8	825.3	835.1	841.5	846.7	850.6	852.1
55°	783.3	804.7	825.9	841.6	855.4	868.1	878.8	887.2	894.1	899.5	900.8
52.5°	819.0	843.0	863.9	881.9	900.2	915.1	926.8	938.2	948.1	956.1	959.6
50°	857.8	882.9	908.9	933.1	952.5	969.6	983.8	999.9	1016.8	1030.9	1039.7
47.5°	898.6	927.5	959.0	988.7	1011.7	1037.0	1060.5	1084.4	1116.0	1142.5	1162.1
45°	941.2	978.3	1014.2	1052.0	1083.8	1131.5	1175.8	1213.8	1264.4	1310.2	1346.6
42.5°	991.5	1037.8	1081.8	1142.4	1205.8	1270.9	1341.3	1401.3	1480.3	1560.7	1625.7
40°	1051.2	1110.2	1187.9	1269.2	1369.3	1458.9	1580.4	1688.6	1809.8	1963.1	2089.7
37.5°	1123.0	1214.0	1322.1	1435.4	1591.4	1740.4	1941.3	2153.0	2345.0	2639.8	2887.9
35°	1216.3	1343.5	1485.8	1686.3	1907.1	2186.5	2499.8	2908.6	3259.2	3756.6	4231.9
32.5°	1336.5	1500.0	1732.4	2041.9	2368.3	2875.5	3372.6	4082.6	4739.9	5528.2	6378.9
30°	1470.3	1719.2	2074.2	2498.7	3107.6	3853.6	4730.1	5820.4	7013.7	8121.6	9213.3
27.5°	1664.1	2020.7	2487.1	3172.3	4121.1	5164.8	6700.5	8180.6	9724.8	11097.4	12242.2
25°	1890.5	2361.7	3082.9	4091.7	5375.0	7162.3	9000.6	10827.3	12487.9	13924.9	15189.8
22.5°	2182.7	2860.5	3822.0	5128.7	7126.9	9269.1	11424.7	13439.6	15211.0	16811.2	18180.4
20°	2500.6	3348.7	4721.8	6670.3	8955.5	11396.0	13830.0	15976.2	17926.7	19741.1	21284.4
17.5°	2903.5	4091.2	5830.1	8167.6	10809.5	13483.5	16040.5	18369.7	20582.5	22502.5	24114.9
15°	3246.9	4745.2	7014.7	9756.0	12613.7	15434.4	18133.9	20663.8	22964.5	24934.4	26450.2
12.5°	3704.9	5478.1	8066.3	11121.5	14218.3	17186.3	20029.8	22644.6	24985.9	26934.2	28114.2
10°	4137.8	6236.9	9082.8	12269.0	15486.3	18648.5	21684.6	24366.3	26540.1	28089.9	29095.5
7.5°	4505.9	6889.0	9909.7	13196.5	16493.7	19799.8	22873.1	25482.4	27486.7	28781.0	29481.0
5°	4780.8	7376.5	10523.4	13950.1	17333.5	20697.7	23747.0	26196.5	27928.8	28890.3	29241.8
2.5°	4955.9	7662.8	10879.6	14444.5	17895.6	21265.8	24346.4	26757.5	28227.3	28864.6	28925.1
0°	5025.9	7699.8	10934.5	14703.9	18037.2	21427.7	24516.9	26988.4	28338.3	28862.7	28852.3
-2.5°	4955.9	7662.8	10879.6	14444.5	17895.6	21265.8	24346.4	26757.5	28227.3	28864.6	28925.1
-5°	4780.8	7376.5	10523.4	13950.1	17333.5	20697.7	23747.0	26196.5	27928.8	28890.3	29241.8
-7.5°	4505.9	6889.0	9909.7	13196.5	16493.7	19799.8	22873.1	25482.4	27486.7	28781.0	29481.0
-10°	4137.8	6236.9	9082.8	12269.0	15486.3	18648.5	21684.6	24366.3	26540.1	28089.9	29095.5
-12.5°	3704.9	5478.1	8066.3	11121.5	14218.3	17186.3	20029.8	22644.6	24985.9	26934.2	28114.2
-15°	3246.9	4745.2	7014.7	9756.0	12613.7	15434.4	18133.9	20663.8	22964.5	24934.4	26450.2
-17.5°	2903.5	4091.2	5830.1	8167.6	10809.5	13483.5	16040.5	18369.7	20582.5	22502.5	24114.9
-20°	2500.6	3348.7	4721.8	6670.3	8955.5	11396.0	13830.0	15976.2	17926.7	19741.1	21284.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2182.7	2860.5	3822.0	5128.7	7126.9	9269.1	11424.7	13439.6	15211.0	16811.2	18180.4
-25°	1890.5	2361.7	3082.9	4091.7	5375.0	7162.3	9000.6	10827.3	12487.9	13924.9	15189.8
-27.5°	1664.1	2020.7	2487.1	3172.3	4121.1	5164.8	6700.5	8180.6	9724.8	11097.4	12242.2
-30°	1470.3	1719.2	2074.2	2498.7	3107.6	3853.6	4730.1	5820.4	7013.7	8121.6	9213.3
-32.5°	1336.5	1500.0	1732.4	2041.9	2368.3	2875.5	3372.6	4082.6	4739.9	5528.2	6378.9
-35°	1216.3	1343.5	1485.8	1686.3	1907.1	2186.5	2499.8	2908.6	3259.2	3756.6	4231.9
-37.5°	1123.0	1214.0	1322.1	1435.4	1591.4	1740.4	1941.3	2153.0	2345.0	2639.8	2887.9
-40°	1051.2	1110.2	1187.9	1269.2	1369.3	1458.9	1580.4	1688.6	1809.8	1963.1	2089.7
-42.5°	991.5	1037.8	1081.8	1142.4	1205.8	1270.9	1341.3	1401.3	1480.3	1560.7	1625.7
-45°	941.2	978.3	1014.2	1052.0	1083.8	1131.5	1175.8	1213.8	1264.4	1310.2	1346.6
-47.5°	898.6	927.5	959.0	988.7	1011.7	1037.0	1060.5	1084.4	1116.0	1142.5	1162.1
-50°	857.8	882.9	908.9	933.1	952.5	969.6	983.8	999.9	1016.8	1030.9	1039.7
-52.5°	819.0	843.0	863.9	881.9	900.2	915.1	926.8	938.2	948.1	956.1	959.6
-55°	783.3	804.7	825.9	841.6	855.4	868.1	878.8	887.2	894.1	899.5	900.8
-57.5°	743.6	764.2	783.3	797.7	811.8	825.3	835.1	841.5	846.7	850.6	852.1
-60°	696.1	719.2	734.1	746.1	759.6	774.2	782.4	789.2	795.2	800.4	804.9
-62.5°	637.9	657.4	671.6	683.4	694.3	703.6	714.8	724.0	731.1	737.5	744.9
-65°	570.7	590.1	602.8	612.8	620.3	628.8	642.4	653.3	661.6	668.2	674.1
-67.5°	502.8	521.2	533.9	544.3	552.4	560.9	573.1	584.1	593.8	600.4	604.6
-70°	433.4	451.1	465.0	476.4	485.3	493.9	503.6	512.8	521.4	526.3	528.1
-72.5°	364.1	379.1	392.6	404.7	415.2	423.8	431.3	437.8	443.3	446.8	448.8
-75°	297.7	309.9	321.3	332.0	341.7	350.2	357.3	363.2	368.1	370.6	371.9
-77.5°	234.8	243.8	252.0	259.7	267.0	274.3	280.9	286.8	291.9	293.2	292.9
-80°	175.3	181.5	186.8	191.6	196.0	201.0	205.6	209.7	213.3	215.3	216.5
-82.5°	119.0	122.8	126.1	129.0	131.6	135.4	138.8	141.7	144.2	146.1	147.6
-85°	67.6	69.1	70.4	71.5	72.4	75.6	78.8	81.7	84.4	84.3	84.0
-87.5°	25.6	25.2	24.8	24.2	23.6	25.2	26.9	28.5	30.1	29.2	28.2
-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: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	27.1	25.9	26.0	26.0	26.0	25.9	27.1	28.2	29.2	30.1	28.5
85°	83.4	82.7	80.4	77.9	80.4	82.7	83.4	84.0	84.3	84.4	81.7
82.5°	148.9	149.8	147.8	145.4	147.8	149.8	148.9	147.6	146.1	144.2	141.7
80°	217.1	217.1	215.3	212.9	215.3	217.1	217.1	216.5	215.3	213.3	209.7
77.5°	291.7	289.6	290.4	290.8	290.4	289.6	291.7	292.9	293.2	291.9	286.8
75°	372.4	372.0	370.8	368.6	370.8	372.0	372.4	371.9	370.6	368.1	363.2
72.5°	449.9	449.8	448.7	446.5	448.7	449.8	449.9	448.8	446.8	443.3	437.8
70°	528.6	527.6	529.0	529.6	529.0	527.6	528.6	528.1	526.3	521.4	512.8
67.5°	607.8	609.9	609.6	607.5	609.6	609.9	607.8	604.6	600.4	593.8	584.1
65°	678.9	682.5	684.6	685.4	684.6	682.5	678.9	674.1	668.2	661.6	653.3
62.5°	750.6	754.7	754.9	752.8	754.9	754.7	750.6	744.9	737.5	731.1	724.0
60°	807.5	808.1	807.1	804.8	807.1	808.1	807.5	804.9	800.4	795.2	789.2
57.5°	852.1	850.6	848.8	846.3	848.8	850.6	852.1	852.1	850.6	846.7	841.5
55°	900.1	897.6	895.5	893.0	895.5	897.6	900.1	900.8	899.5	894.1	887.2
52.5°	960.3	959.0	957.5	955.3	957.5	959.0	960.3	959.6	956.1	948.1	938.2
50°	1044.2	1045.5	1045.4	1043.6	1045.4	1045.5	1044.2	1039.7	1030.9	1016.8	999.9
47.5°	1174.6	1181.5	1186.2	1189.0	1186.2	1181.5	1174.6	1162.1	1142.5	1116.0	1084.4
45°	1370.0	1383.8	1393.7	1401.9	1393.7	1383.8	1370.0	1346.6	1310.2	1264.4	1213.8
42.5°	1671.4	1702.5	1717.2	1713.4	1717.2	1702.5	1671.4	1625.7	1560.7	1480.3	1401.3
40°	2174.1	2224.2	2252.0	2274.1	2252.0	2224.2	2174.1	2089.7	1963.1	1809.8	1688.6
37.5°	3057.3	3154.5	3205.7	3250.2	3205.7	3154.5	3057.3	2887.9	2639.8	2345.0	2153.0
35°	4587.0	4805.7	4922.9	4963.6	4922.9	4805.7	4587.0	4231.9	3756.6	3259.2	2908.6
32.5°	7040.9	7444.4	7667.6	7840.0	7667.6	7444.4	7040.9	6378.9	5528.2	4739.9	4082.6
30°	10077.8	10609.4	10904.5	11048.7	10904.5	10609.4	10077.8	9213.3	8121.6	7013.7	5820.4
27.5°	13191.1	13795.4	14113.6	14096.5	14113.6	13795.4	13191.1	12242.2	11097.4	9724.8	8180.6
25°	16274.2	16974.1	17291.3	17575.1	17291.3	16974.1	16274.2	15189.8	13924.9	12487.9	10827.3
22.5°	19392.5	20210.9	20657.5	20866.9	20657.5	20210.9	19392.5	18180.4	16811.2	15211.0	13439.6
20°	22473.6	23384.7	23858.8	24065.2	23858.8	23384.7	22473.6	21284.4	19741.1	17926.7	15976.2
17.5°	25206.3	26095.7	26547.6	26739.1	26547.6	26095.7	25206.3	24114.9	22502.5	20582.5	18369.7
15°	27388.3	28044.4	28428.6	28530.4	28428.6	28044.4	27388.3	26450.2	24934.4	22964.5	20663.8
12.5°	28896.6	29150.7	29335.5	29392.3	29335.5	29150.7	28896.6	28114.2	26934.2	24985.9	22644.6
10°	29667.8	29553.0	29505.7	29511.7	29505.7	29553.0	29667.8	29095.5	28089.9	26540.1	24366.3
7.5°	29614.7	29444.9	29103.9	29049.6	29103.9	29444.9	29614.7	29481.0	28781.0	27486.7	25482.4
5°	29189.2	28880.1	28314.1	28151.4	28314.1	28880.1	29189.2	29241.8	28890.3	27928.8	26196.5
2.5°	28693.3	28136.0	27614.6	27279.1	27614.6	28136.0	28693.3	28925.1	28864.6	28227.3	26757.5
0°	28546.0	27902.2	27227.2	27009.1	27227.2	27902.2	28546.0	28852.3	28862.7	28338.3	26988.4
-2.5°	28693.3	28136.0	27614.6	27279.1	27614.6	28136.0	28693.3	28925.1	28864.6	28227.3	26757.5
-5°	29189.2	28880.1	28314.1	28151.4	28314.1	28880.1	29189.2	29241.8	28890.3	27928.8	26196.5
-7.5°	29614.7	29444.9	29103.9	29049.6	29103.9	29444.9	29614.7	29481.0	28781.0	27486.7	25482.4
-10°	29667.8	29553.0	29505.7	29511.7	29505.7	29553.0	29667.8	29095.5	28089.9	26540.1	24366.3
-12.5°	28896.6	29150.7	29335.5	29392.3	29335.5	29150.7	28896.6	28114.2	26934.2	24985.9	22644.6
-15°	27388.3	28044.4	28428.6	28530.4	28428.6	28044.4	27388.3	26450.2	24934.4	22964.5	20663.8
-17.5°	25206.3	26095.7	26547.6	26739.1	26547.6	26095.7	25206.3	24114.9	22502.5	20582.5	18369.7
-20°	22473.6	23384.7	23858.8	24065.2	23858.8	23384.7	22473.6	21284.4	19741.1	17926.7	15976.2



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	19392.5	20210.9	20657.5	20866.9	20657.5	20210.9	19392.5	18180.4	16811.2	15211.0	13439.6
-25°	16274.2	16974.1	17291.3	17575.1	17291.3	16974.1	16274.2	15189.8	13924.9	12487.9	10827.3
-27.5°	13191.1	13795.4	14113.6	14096.5	14113.6	13795.4	13191.1	12242.2	11097.4	9724.8	8180.6
-30°	10077.8	10609.4	10904.5	11048.7	10904.5	10609.4	10077.8	9213.3	8121.6	7013.7	5820.4
-32.5°	7040.9	7444.4	7667.6	7840.0	7667.6	7444.4	7040.9	6378.9	5528.2	4739.9	4082.6
-35°	4587.0	4805.7	4922.9	4963.6	4922.9	4805.7	4587.0	4231.9	3756.6	3259.2	2908.6
-37.5°	3057.3	3154.5	3205.7	3250.2	3205.7	3154.5	3057.3	2887.9	2639.8	2345.0	2153.0
-40°	2174.1	2224.2	2252.0	2274.1	2252.0	2224.2	2174.1	2089.7	1963.1	1809.8	1688.6
-42.5°	1671.4	1702.5	1717.2	1713.4	1717.2	1702.5	1671.4	1625.7	1560.7	1480.3	1401.3
-45°	1370.0	1383.8	1393.7	1401.9	1393.7	1383.8	1370.0	1346.6	1310.2	1264.4	1213.8
-47.5°	1174.6	1181.5	1186.2	1189.0	1186.2	1181.5	1174.6	1162.1	1142.5	1116.0	1084.4
-50°	1044.2	1045.5	1045.4	1043.6	1045.4	1045.5	1044.2	1039.7	1030.9	1016.8	999.9
-52.5°	960.3	959.0	957.5	955.3	957.5	959.0	960.3	959.6	956.1	948.1	938.2
-55°	900.1	897.6	895.5	893.0	895.5	897.6	900.1	900.8	899.5	894.1	887.2
-57.5°	852.1	850.6	848.8	846.3	848.8	850.6	852.1	852.1	850.6	846.7	841.5
-60°	807.5	808.1	807.1	804.8	807.1	808.1	807.5	804.9	800.4	795.2	789.2
-62.5°	750.6	754.7	754.9	752.8	754.9	754.7	750.6	744.9	737.5	731.1	724.0
-65°	678.9	682.5	684.6	685.4	684.6	682.5	678.9	674.1	668.2	661.6	653.3
-67.5°	607.8	609.9	609.6	607.5	609.6	609.9	607.8	604.6	600.4	593.8	584.1
-70°	528.6	527.6	529.0	529.6	529.0	527.6	528.6	528.1	526.3	521.4	512.8
-72.5°	449.9	449.8	448.7	446.5	448.7	449.8	449.9	448.8	446.8	443.3	437.8
-75°	372.4	372.0	370.8	368.6	370.8	372.0	372.4	371.9	370.6	368.1	363.2
-77.5°	291.7	289.6	290.4	290.8	290.4	289.6	291.7	292.9	293.2	291.9	286.8
-80°	217.1	217.1	215.3	212.9	215.3	217.1	217.1	216.5	215.3	213.3	209.7
-82.5°	148.9	149.8	147.8	145.4	147.8	149.8	148.9	147.6	146.1	144.2	141.7
-85°	83.4	82.7	80.4	77.9	80.4	82.7	83.4	84.0	84.3	84.4	81.7
-87.5°	27.1	25.9	26.0	26.0	26.0	25.9	27.1	28.2	29.2	30.1	28.5
-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: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-735-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°	26.9	25.2	23.6	24.2	24.8	25.2	25.6	24.7	23.9	23.0	22.1
85°	78.8	75.6	72.4	71.5	70.4	69.1	67.6	64.7	61.5	58.2	54.8
82.5°	138.8	135.4	131.6	129.0	126.1	122.8	119.0	113.2	107.4	101.6	95.7
80°	205.6	201.0	196.0	191.6	186.8	181.5	175.3	166.4	157.2	148.0	139.5
77.5°	280.9	274.3	267.0	259.7	252.0	243.8	234.8	223.6	212.3	200.5	188.5
75°	357.3	350.2	341.7	332.0	321.3	309.9	297.7	284.2	270.1	255.2	240.3
72.5°	431.3	423.8	415.2	404.7	392.6	379.1	364.1	347.6	330.2	312.0	294.1
70°	503.6	493.9	485.3	476.4	465.0	451.1	433.4	413.5	392.6	371.5	350.8
67.5°	573.1	560.9	552.4	544.3	533.9	521.2	502.8	481.4	457.9	433.4	408.9
65°	642.4	628.8	620.3	612.8	602.8	590.1	570.7	548.9	524.3	496.9	468.5
62.5°	714.8	703.6	694.3	683.4	671.6	657.4	637.9	615.1	590.1	561.4	528.5
60°	782.4	774.2	759.6	746.1	734.1	719.2	696.1	674.2	653.8	620.8	585.3
57.5°	835.1	825.3	811.8	797.7	783.3	764.2	743.6	722.8	699.2	671.4	638.4
55°	878.8	868.1	855.4	841.6	825.9	804.7	783.3	761.2	738.4	715.2	683.0
52.5°	926.8	915.1	900.2	881.9	863.9	843.0	819.0	795.5	774.2	750.4	724.1
50°	983.8	969.6	952.5	933.1	908.9	882.9	857.8	830.3	808.0	784.8	758.0
47.5°	1060.5	1037.0	1011.7	988.7	959.0	927.5	898.6	870.3	843.9	818.9	791.5
45°	1175.8	1131.5	1083.8	1052.0	1014.2	978.3	941.2	909.4	879.1	850.9	825.2
42.5°	1341.3	1270.9	1205.8	1142.4	1081.8	1037.8	991.5	952.0	915.4	882.1	851.9
40°	1580.4	1458.9	1369.3	1269.2	1187.9	1110.2	1051.2	997.4	955.0	915.4	878.8
37.5°	1941.3	1740.4	1591.4	1435.4	1322.1	1214.0	1123.0	1052.9	995.4	949.5	906.9
35°	2499.8	2186.5	1907.1	1686.3	1485.8	1343.5	1216.3	1118.1	1044.4	984.5	934.7
32.5°	3372.6	2875.5	2368.3	2041.9	1732.4	1500.0	1336.5	1201.3	1097.0	1025.6	965.9
30°	4730.1	3853.6	3107.6	2498.7	2074.2	1719.2	1470.3	1305.0	1171.5	1067.2	997.4
27.5°	6700.5	5164.8	4121.1	3172.3	2487.1	2020.7	1664.1	1415.9	1249.9	1125.5	1033.5
25°	9000.6	7162.3	5375.0	4091.7	3082.9	2361.7	1890.5	1571.3	1347.0	1186.3	1065.4
22.5°	11424.7	9269.1	7126.9	5128.7	3822.0	2860.5	2182.7	1728.0	1438.7	1251.0	1111.6
20°	13830.0	11396.0	8955.5	6670.3	4721.8	3348.7	2500.6	1935.9	1566.6	1323.6	1155.4
17.5°	16040.5	13483.5	10809.5	8167.6	5830.1	4091.2	2903.5	2146.1	1678.3	1388.0	1193.4
15°	18133.9	15434.4	12613.7	9756.0	7014.7	4745.2	3246.9	2329.2	1794.4	1462.9	1243.0
12.5°	20029.8	17186.3	14218.3	11121.5	8066.3	5478.1	3704.9	2599.1	1937.0	1540.7	1289.8
10°	21684.6	18648.5	15486.3	12269.0	9082.8	6236.9	4137.8	2829.4	2060.5	1605.2	1328.1
7.5°	22873.1	19799.8	16493.7	13196.5	9909.7	6889.0	4505.9	3011.6	2157.5	1654.6	1357.6
5°	23747.0	20697.7	17333.5	13950.1	10523.4	7376.5	4780.8	3139.8	2226.9	1688.7	1378.1
2.5°	24346.4	21265.8	17895.6	14444.5	10879.6	7662.8	4955.9	3208.7	2259.7	1715.5	1389.5
0°	24516.9	21427.7	18037.2	14703.9	10934.5	7699.8	5025.9	3219.1	2258.5	1729.0	1391.5
-2.5°	24346.4	21265.8	17895.6	14444.5	10879.6	7662.8	4955.9	3208.7	2259.7	1715.5	1389.5
-5°	23747.0	20697.7	17333.5	13950.1	10523.4	7376.5	4780.8	3139.8	2226.9	1688.7	1378.1
-7.5°	22873.1	19799.8	16493.7	13196.5	9909.7	6889.0	4505.9	3011.6	2157.5	1654.6	1357.6
-10°	21684.6	18648.5	15486.3	12269.0	9082.8	6236.9	4137.8	2829.4	2060.5	1605.2	1328.1
-12.5°	20029.8	17186.3	14218.3	11121.5	8066.3	5478.1	3704.9	2599.1	1937.0	1540.7	1289.8
-15°	18133.9	15434.4	12613.7	9756.0	7014.7	4745.2	3246.9	2329.2	1794.4	1462.9	1243.0
-17.5°	16040.5	13483.5	10809.5	8167.6	5830.1	4091.2	2903.5	2146.1	1678.3	1388.0	1193.4
-20°	13830.0	11396.0	8955.5	6670.3	4721.8	3348.7	2500.6	1935.9	1566.6	1323.6	1155.4



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11424.7	9269.1	7126.9	5128.7	3822.0	2860.5	2182.7	1728.0	1438.7	1251.0	1111.6
-25°	9000.6	7162.3	5375.0	4091.7	3082.9	2361.7	1890.5	1571.3	1347.0	1186.3	1065.4
-27.5°	6700.5	5164.8	4121.1	3172.3	2487.1	2020.7	1664.1	1415.9	1249.9	1125.5	1033.5
-30°	4730.1	3853.6	3107.6	2498.7	2074.2	1719.2	1470.3	1305.0	1171.5	1067.2	997.4
-32.5°	3372.6	2875.5	2368.3	2041.9	1732.4	1500.0	1336.5	1201.3	1097.0	1025.6	965.9
-35°	2499.8	2186.5	1907.1	1686.3	1485.8	1343.5	1216.3	1118.1	1044.4	984.5	934.7
-37.5°	1941.3	1740.4	1591.4	1435.4	1322.1	1214.0	1123.0	1052.9	995.4	949.5	906.9
-40°	1580.4	1458.9	1369.3	1269.2	1187.9	1110.2	1051.2	997.4	955.0	915.4	878.8
-42.5°	1341.3	1270.9	1205.8	1142.4	1081.8	1037.8	991.5	952.0	915.4	882.1	851.9
-45°	1175.8	1131.5	1083.8	1052.0	1014.2	978.3	941.2	909.4	879.1	850.9	825.2
-47.5°	1060.5	1037.0	1011.7	988.7	959.0	927.5	898.6	870.3	843.9	818.9	791.5
-50°	983.8	969.6	952.5	933.1	908.9	882.9	857.8	830.3	808.0	784.8	758.0
-52.5°	926.8	915.1	900.2	881.9	863.9	843.0	819.0	795.5	774.2	750.4	724.1
-55°	878.8	868.1	855.4	841.6	825.9	804.7	783.3	761.2	738.4	715.2	683.0
-57.5°	835.1	825.3	811.8	797.7	783.3	764.2	743.6	722.8	699.2	671.4	638.4
-60°	782.4	774.2	759.6	746.1	734.1	719.2	696.1	674.2	653.8	620.8	585.3
-62.5°	714.8	703.6	694.3	683.4	671.6	657.4	637.9	615.1	590.1	561.4	528.5
-65°	642.4	628.8	620.3	612.8	602.8	590.1	570.7	548.9	524.3	496.9	468.5
-67.5°	573.1	560.9	552.4	544.3	533.9	521.2	502.8	481.4	457.9	433.4	408.9
-70°	503.6	493.9	485.3	476.4	465.0	451.1	433.4	413.5	392.6	371.5	350.8
-72.5°	431.3	423.8	415.2	404.7	392.6	379.1	364.1	347.6	330.2	312.0	294.1
-75°	357.3	350.2	341.7	332.0	321.3	309.9	297.7	284.2	270.1	255.2	240.3
-77.5°	280.9	274.3	267.0	259.7	252.0	243.8	234.8	223.6	212.3	200.5	188.5
-80°	205.6	201.0	196.0	191.6	186.8	181.5	175.3	166.4	157.2	148.0	139.5
-82.5°	138.8	135.4	131.6	129.0	126.1	122.8	119.0	113.2	107.4	101.6	95.7
-85°	78.8	75.6	72.4	71.5	70.4	69.1	67.6	64.7	61.5	58.2	54.8
-87.5°	26.9	25.2	23.6	24.2	24.8	25.2	25.6	24.7	23.9	23.0	22.1
-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: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	21.1	20.1	19.0	17.9	16.8	15.6	14.4	13.2	11.4	9.8	8.2
85°	51.2	47.5	43.6	39.5	35.3	31.2	28.8	26.3	22.8	19.5	16.4
82.5°	89.8	84.0	78.2	72.1	65.1	58.2	51.5	44.9	37.6	29.8	24.5
80°	131.6	123.4	114.9	106.0	95.8	85.1	75.7	66.6	57.7	48.2	38.2
77.5°	177.0	165.1	152.7	141.4	129.6	117.0	103.7	89.8	77.8	66.6	54.7
75°	225.5	211.0	196.1	180.8	165.0	148.9	133.6	117.7	101.6	85.2	71.1
72.5°	276.9	258.9	240.4	221.3	202.9	184.0	164.6	145.2	126.5	107.5	88.2
70°	329.7	307.7	286.1	264.6	242.1	218.8	196.7	174.0	151.2	129.5	107.5
67.5°	383.6	358.9	333.4	308.1	283.1	256.9	229.2	202.5	176.6	151.2	126.5
65°	440.3	411.1	381.2	352.4	323.8	295.1	264.8	231.7	201.5	173.0	145.2
62.5°	496.1	464.2	430.6	396.4	363.8	332.0	299.8	262.9	226.5	194.4	163.7
60°	550.2	514.5	478.3	440.4	403.3	367.7	332.0	293.4	253.7	215.2	181.6
57.5°	599.8	562.3	521.9	482.0	442.1	402.6	363.1	322.1	280.0	237.8	199.1
55°	646.3	605.4	563.3	520.2	478.3	436.3	393.4	349.7	305.4	260.2	216.3
52.5°	690.0	647.3	602.5	556.8	511.5	468.1	422.8	376.5	329.5	281.9	235.0
50°	728.2	688.0	640.7	592.4	543.3	497.5	451.4	402.4	352.8	302.7	253.4
47.5°	760.3	723.4	677.6	626.8	575.1	526.2	478.2	427.5	375.3	322.7	271.0
45°	791.6	756.1	711.8	659.9	606.6	554.9	503.9	451.6	397.0	342.0	287.8
42.5°	821.0	785.5	744.1	691.7	636.7	582.5	529.0	474.4	417.7	360.4	303.8
40°	846.1	811.3	774.6	722.3	665.0	608.5	552.7	496.3	437.5	377.9	319.0
37.5°	870.5	834.8	797.0	751.2	691.6	632.9	575.1	517.3	456.7	394.8	333.2
35°	894.1	857.3	817.1	773.5	716.4	655.7	595.9	537.0	474.5	410.9	346.6
32.5°	915.2	877.3	835.7	791.6	739.2	676.7	615.2	554.3	491.2	426.2	358.9
30°	940.3	894.2	852.4	809.4	758.7	696.0	633.0	570.4	506.5	440.6	370.6
27.5°	964.3	910.4	867.3	824.2	774.0	713.5	649.6	585.3	520.5	453.7	382.1
25°	987.6	928.9	881.2	836.6	788.7	730.3	664.7	598.9	532.9	465.1	392.7
22.5°	1014.3	945.9	894.1	847.4	802.7	745.4	678.4	611.3	543.9	475.3	402.5
20°	1038.1	959.9	906.1	857.5	813.2	756.8	690.7	622.3	553.7	484.4	411.3
17.5°	1061.3	975.8	917.7	867.2	821.1	766.8	701.5	631.9	562.3	492.3	419.1
15°	1093.5	994.0	927.9	875.5	827.8	775.3	710.7	640.2	569.6	498.9	426.1
12.5°	1121.2	1009.2	936.3	882.3	833.2	782.3	718.3	647.0	575.7	504.8	432.3
10°	1143.6	1021.4	942.8	887.6	837.3	787.9	724.3	652.8	581.4	510.0	437.4
7.5°	1160.6	1030.4	947.5	891.3	840.2	791.9	729.9	658.0	586.0	514.0	441.4
5°	1172.2	1036.4	951.4	893.5	841.8	794.4	734.0	661.6	589.3	516.9	444.2
2.5°	1178.2	1039.0	954.3	894.0	842.1	795.2	736.5	663.9	591.2	518.6	445.9
0°	1178.6	1038.4	955.3	893.0	841.1	794.4	737.3	664.6	591.9	519.2	446.5
-2.5°	1178.2	1039.0	954.3	894.0	842.1	795.2	736.5	663.9	591.2	518.6	445.9
-5°	1172.2	1036.4	951.4	893.5	841.8	794.4	734.0	661.6	589.3	516.9	444.2
-7.5°	1160.6	1030.4	947.5	891.3	840.2	791.9	729.9	658.0	586.0	514.0	441.4
-10°	1143.6	1021.4	942.8	887.6	837.3	787.9	724.3	652.8	581.4	510.0	437.4
-12.5°	1121.2	1009.2	936.3	882.3	833.2	782.3	718.3	647.0	575.7	504.8	432.3
-15°	1093.5	994.0	927.9	875.5	827.8	775.3	710.7	640.2	569.6	498.9	426.1
-17.5°	1061.3	975.8	917.7	867.2	821.1	766.8	701.5	631.9	562.3	492.3	419.1
-20°	1038.1	959.9	906.1	857.5	813.2	756.8	690.7	622.3	553.7	484.4	411.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	1014.3	945.9	894.1	847.4	802.7	745.4	678.4	611.3	543.9	475.3	402.5
-25°	987.6	928.9	881.2	836.6	788.7	730.3	664.7	598.9	532.9	465.1	392.7
-27.5°	964.3	910.4	867.3	824.2	774.0	713.5	649.6	585.3	520.5	453.7	382.1
-30°	940.3	894.2	852.4	809.4	758.7	696.0	633.0	570.4	506.5	440.6	370.6
-32.5°	915.2	877.3	835.7	791.6	739.2	676.7	615.2	554.3	491.2	426.2	358.9
-35°	894.1	857.3	817.1	773.5	716.4	655.7	595.9	537.0	474.5	410.9	346.6
-37.5°	870.5	834.8	797.0	751.2	691.6	632.9	575.1	517.3	456.7	394.8	333.2
-40°	846.1	811.3	774.6	722.3	665.0	608.5	552.7	496.3	437.5	377.9	319.0
-42.5°	821.0	785.5	744.1	691.7	636.7	582.5	529.0	474.4	417.7	360.4	303.8
-45°	791.6	756.1	711.8	659.9	606.6	554.9	503.9	451.6	397.0	342.0	287.8
-47.5°	760.3	723.4	677.6	626.8	575.1	526.2	478.2	427.5	375.3	322.7	271.0
-50°	728.2	688.0	640.7	592.4	543.3	497.5	451.4	402.4	352.8	302.7	253.4
-52.5°	690.0	647.3	602.5	556.8	511.5	468.1	422.8	376.5	329.5	281.9	235.0
-55°	646.3	605.4	563.3	520.2	478.3	436.3	393.4	349.7	305.4	260.2	216.3
-57.5°	599.8	562.3	521.9	482.0	442.1	402.6	363.1	322.1	280.0	237.8	199.1
-60°	550.2	514.5	478.3	440.4	403.3	367.7	332.0	293.4	253.7	215.2	181.6
-62.5°	496.1	464.2	430.6	396.4	363.8	332.0	299.8	262.9	226.5	194.4	163.7
-65°	440.3	411.1	381.2	352.4	323.8	295.1	264.8	231.7	201.5	173.0	145.2
-67.5°	383.6	358.9	333.4	308.1	283.1	256.9	229.2	202.5	176.6	151.2	126.5
-70°	329.7	307.7	286.1	264.6	242.1	218.8	196.7	174.0	151.2	129.5	107.5
-72.5°	276.9	258.9	240.4	221.3	202.9	184.0	164.6	145.2	126.5	107.5	88.2
-75°	225.5	211.0	196.1	180.8	165.0	148.9	133.6	117.7	101.6	85.2	71.1
-77.5°	177.0	165.1	152.7	141.4	129.6	117.0	103.7	89.8	77.8	66.6	54.7
-80°	131.6	123.4	114.9	106.0	95.8	85.1	75.7	66.6	57.7	48.2	38.2
-82.5°	89.8	84.0	78.2	72.1	65.1	58.2	51.5	44.9	37.6	29.8	24.5
-85°	51.2	47.5	43.6	39.5	35.3	31.2	28.8	26.3	22.8	19.5	16.4
-87.5°	21.1	20.1	19.0	17.9	16.8	15.6	14.4	13.2	11.4	9.8	8.2
-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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Scaled Data Report



REPORT NUMBER: P627397 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-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°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
85°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
82.5°	20.1	16.8	13.5	10.2	6.8	3.4	0.0
80°	27.7	22.4	18.0	13.5	9.0	4.5	0.0
77.5°	42.2	30.2	22.4	16.8	11.2	5.6	0.0
75°	56.6	42.2	27.7	20.1	13.4	6.7	0.0
72.5°	70.9	54.1	37.3	23.4	15.6	7.8	0.0
70°	85.2	65.9	46.7	27.3	17.8	8.9	0.0
67.5°	101.4	77.4	55.9	34.3	19.9	9.9	0.0
65°	117.3	89.6	65.0	41.1	22.0	11.0	0.0
62.5°	132.8	102.4	73.9	47.8	24.0	12.0	0.0
60°	147.9	114.8	82.7	54.4	26.0	13.0	0.0
57.5°	163.0	126.9	92.2	60.8	30.1	14.0	0.0
55°	177.8	138.6	101.4	67.0	34.2	14.9	0.0
52.5°	192.3	150.0	110.4	73.0	38.1	15.8	0.0
50°	206.4	161.8	119.0	78.8	41.9	16.7	0.0
47.5°	220.2	173.2	127.3	84.6	45.5	17.6	0.0
45°	234.6	184.3	135.2	90.5	49.0	18.4	0.0
42.5°	248.3	194.9	142.7	96.1	52.3	19.2	0.0
40°	261.2	205.1	150.3	101.3	55.4	19.9	0.0
37.5°	273.5	214.9	158.1	106.2	58.3	20.6	0.0
35°	285.0	224.4	165.4	110.7	61.0	21.3	0.0
32.5°	295.6	233.4	172.3	115.0	63.5	21.9	0.0
30°	305.5	241.7	178.8	119.0	65.9	22.5	0.0
27.5°	314.6	249.4	184.6	122.6	68.0	23.1	0.0
25°	322.8	256.4	189.8	125.9	69.9	23.6	0.0
22.5°	330.2	262.6	194.6	128.9	71.7	24.0	0.0
20°	336.8	267.9	198.8	131.6	73.2	24.4	0.0
17.5°	342.7	272.5	202.5	133.9	74.5	24.8	0.0
15°	348.0	276.4	205.6	135.8	75.6	25.1	0.0
12.5°	352.6	279.7	208.2	137.4	76.5	25.4	0.0
10°	356.4	282.3	210.3	138.7	77.2	25.6	0.0
7.5°	359.4	284.2	211.8	139.6	77.7	25.8	0.0
5°	361.6	285.3	212.7	140.2	78.0	25.9	0.0
2.5°	362.9	285.8	213.1	140.4	78.0	26.0	0.0
0°	363.4	285.6	212.9	140.2	77.9	26.0	0.0
-2.5°	362.9	285.8	213.1	140.4	78.0	26.0	0.0
-5°	361.6	285.3	212.7	140.2	78.0	25.9	0.0
-7.5°	359.4	284.2	211.8	139.6	77.7	25.8	0.0
-10°	356.4	282.3	210.3	138.7	77.2	25.6	0.0
-12.5°	352.6	279.7	208.2	137.4	76.5	25.4	0.0
-15°	348.0	276.4	205.6	135.8	75.6	25.1	0.0
-17.5°	342.7	272.5	202.5	133.9	74.5	24.8	0.0
-20°	336.8	267.9	198.8	131.6	73.2	24.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	330.2	262.6	194.6	128.9	71.7	24.0	0.0
-25°	322.8	256.4	189.8	125.9	69.9	23.6	0.0
-27.5°	314.6	249.4	184.6	122.6	68.0	23.1	0.0
-30°	305.5	241.7	178.8	119.0	65.9	22.5	0.0
-32.5°	295.6	233.4	172.3	115.0	63.5	21.9	0.0
-35°	285.0	224.4	165.4	110.7	61.0	21.3	0.0
-37.5°	273.5	214.9	158.1	106.2	58.3	20.6	0.0
-40°	261.2	205.1	150.3	101.3	55.4	19.9	0.0
-42.5°	248.3	194.9	142.7	96.1	52.3	19.2	0.0
-45°	234.6	184.3	135.2	90.5	49.0	18.4	0.0
-47.5°	220.2	173.2	127.3	84.6	45.5	17.6	0.0
-50°	206.4	161.8	119.0	78.8	41.9	16.7	0.0
-52.5°	192.3	150.0	110.4	73.0	38.1	15.8	0.0
-55°	177.8	138.6	101.4	67.0	34.2	14.9	0.0
-57.5°	163.0	126.9	92.2	60.8	30.1	14.0	0.0
-60°	147.9	114.8	82.7	54.4	26.0	13.0	0.0
-62.5°	132.8	102.4	73.9	47.8	24.0	12.0	0.0
-65°	117.3	89.6	65.0	41.1	22.0	11.0	0.0
-67.5°	101.4	77.4	55.9	34.3	19.9	9.9	0.0
-70°	85.2	65.9	46.7	27.3	17.8	8.9	0.0
-72.5°	70.9	54.1	37.3	23.4	15.6	7.8	0.0
-75°	56.6	42.2	27.7	20.1	13.4	6.7	0.0
-77.5°	42.2	30.2	22.4	16.8	11.2	5.6	0.0
-80°	27.7	22.4	18.0	13.5	9.0	4.5	0.0
-82.5°	20.1	16.8	13.5	10.2	6.8	3.4	0.0
-85°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
-87.5°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)