

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N43
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

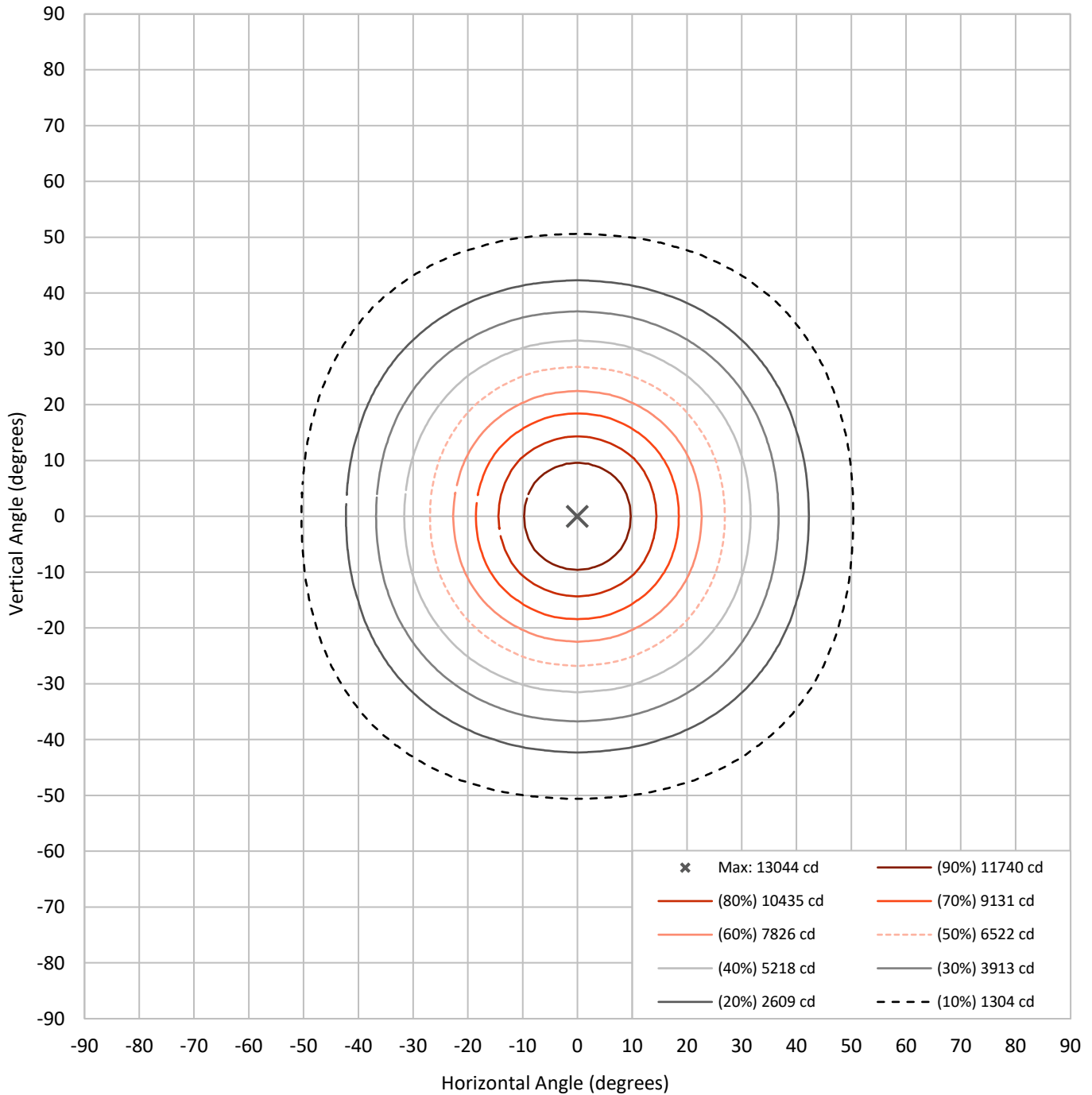
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13275.7 lumens	Max Intensity:	13044 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	6347.6 lumens	Field Lumens:	11716.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	125.71		
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





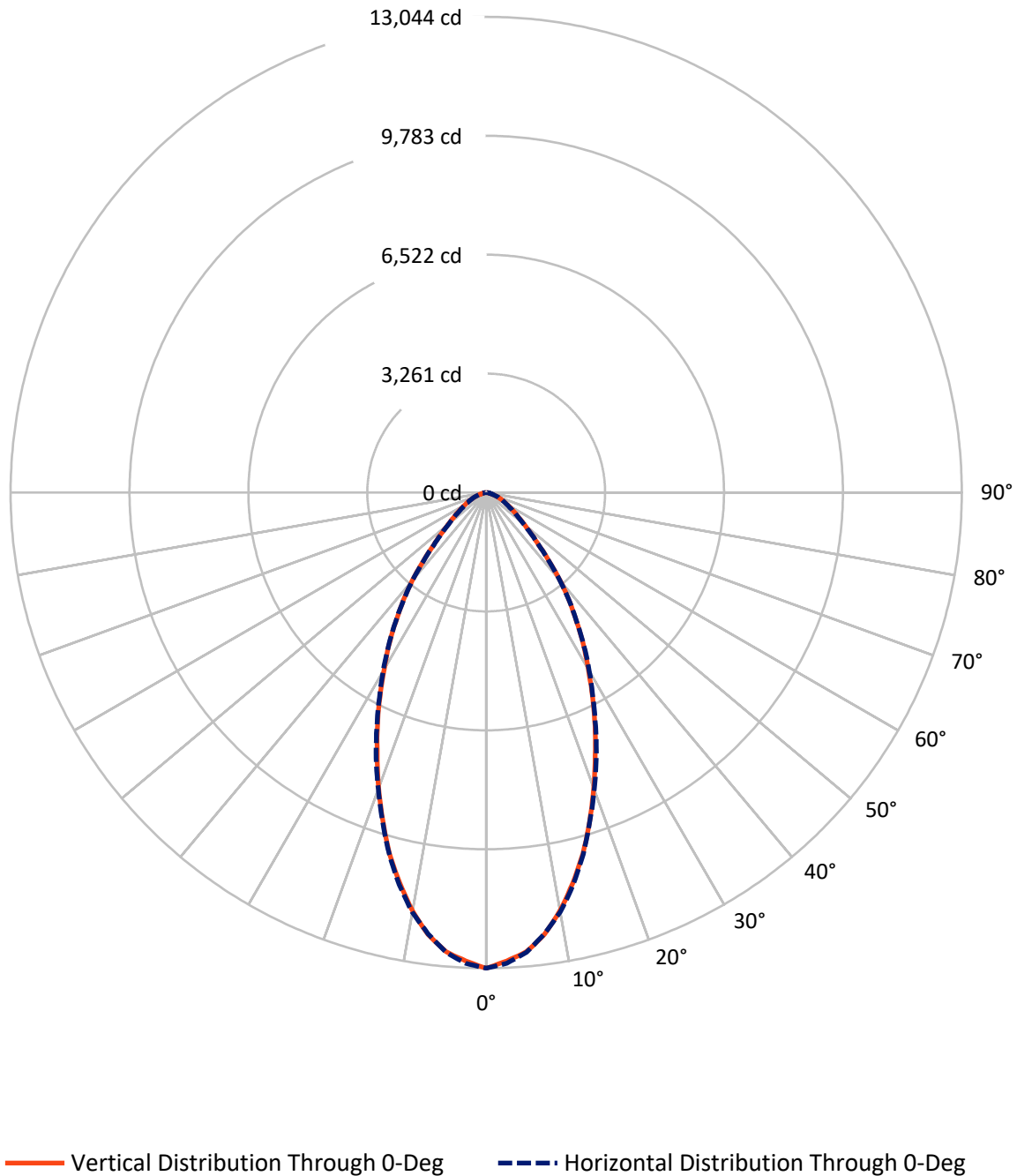
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Lumen Table

90																			
80	0.5	3.7		8.3		13.9		11.9		13.9		8.3		3.7		0.5			
70																			
60	1.7	2.0	3.8	6.1	8.8	11.5	13.5	14.4	14.4	13.5	11.5	8.8	6.1	3.8	2.0	1.7			
50		2.9	5.8	10.0	15.3	21.0	26.2	29.2	29.2	26.2	21.0	15.3	10.0	5.8	2.9				
40	2.5	3.7	7.9	14.9	25.1	38.5	53.1	62.9	62.9	53.1	38.5	25.1	14.9	7.9	3.7	2.5			
30		4.4	10.4	21.6	42.1	74.7	108.6	128.8	128.8	108.6	74.7	42.1	21.6	10.4	4.4				
20	3.0	5.2	13.0	30.3	68.0	122.3	175.0	209.1	209.1	175.0	122.3	68.0	30.3	13.0	5.2	3.0			
10		5.8	15.2	39.2	92.8	165.1	243.8	299.9	299.9	243.8	165.1	92.8	39.2	15.2	5.8				
0	3.2	6.1	16.5	45.1	106.9	192.0	292.1	367.3	367.3	292.1	192.0	106.9	45.1	16.5	6.1	3.2			
-10		6.1	16.5	45.1	106.9	192.0	292.1	367.3	367.3	292.1	192.0	106.9	45.1	16.5	6.1				
-20	3.0	5.8	15.2	39.2	92.8	165.1	243.8	299.9	299.9	243.8	165.1	92.8	39.2	15.2	5.8	3.0			
-30		5.2	13.0	30.3	68.0	122.3	175.0	209.1	209.1	175.0	122.3	68.0	30.3	13.0	5.2				
-40	2.5	4.4	10.4	21.6	42.1	74.7	108.6	128.8	128.8	108.6	74.7	42.1	21.6	10.4	4.4	2.5			
-50		3.7	7.9	14.9	25.1	38.5	53.1	62.9	62.9	53.1	38.5	25.1	14.9	7.9	3.7				
-60	1.7	2.9	5.8	10.0	15.3	21.0	26.2	29.2	29.2	26.2	21.0	15.3	10.0	5.8	2.9	1.7			
-70		2.0	3.8	6.1	8.8	11.5	13.5	14.4	14.4	13.5	11.5	8.8	6.1	3.8	2.0				
-80																			
-90	0.5	3.7		8.3		13.9		11.9		13.9		8.3		3.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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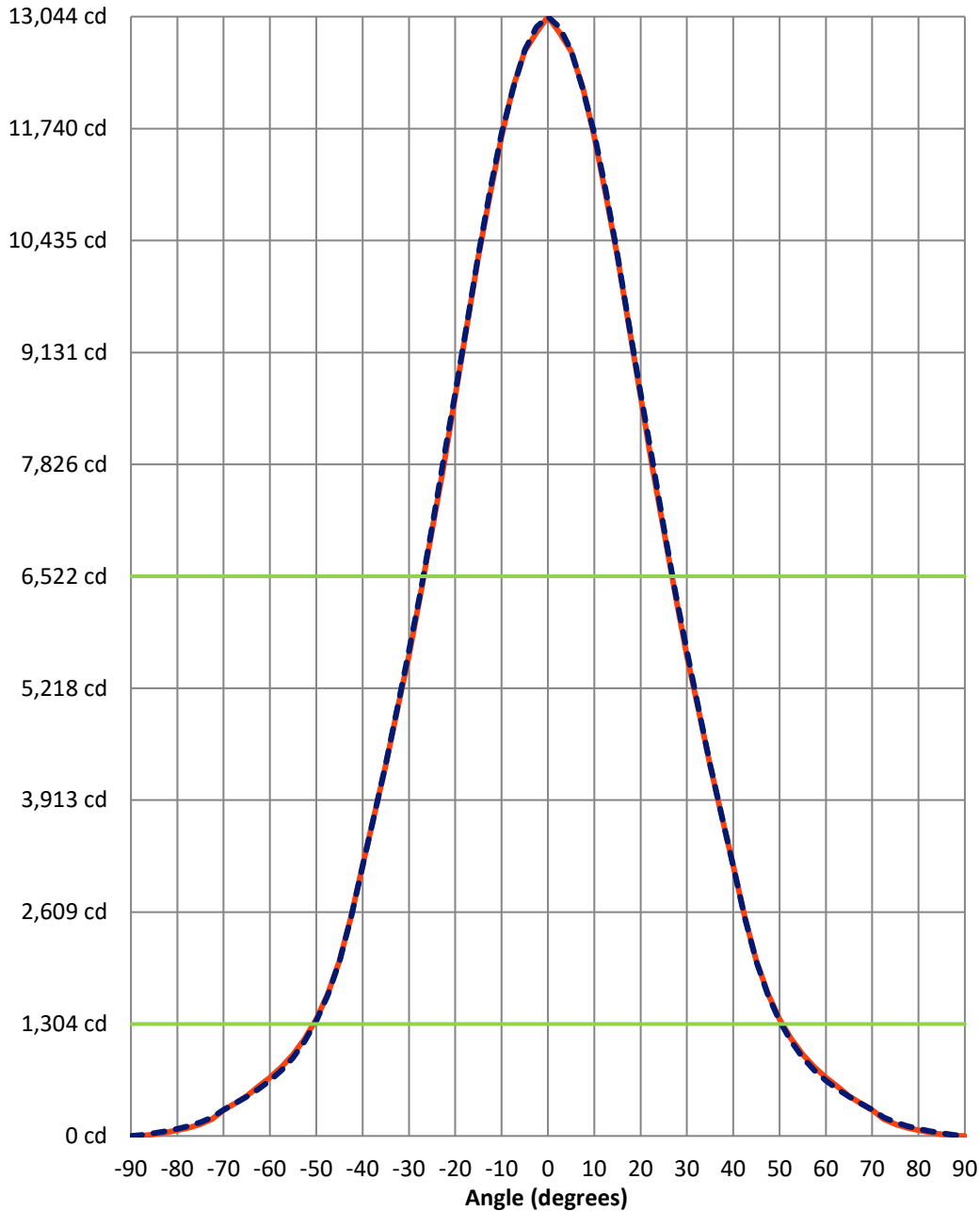
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6347.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 11716.3
 Efficiency: 88.3%

Spill:
 Lumens: 1559.4
 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	0.7	1.5	2.5	3.6	4.8	6.2	6.9	7.4	7.9	8.2
85°	0.0	1.3	3.0	5.0	7.2	9.7	12.4	13.7	14.8	15.7	16.4
82.5°	0.0	2.0	4.6	7.5	10.8	14.4	18.5	20.6	22.7	26.3	29.5
80°	0.0	2.6	6.0	9.9	14.3	19.2	25.2	31.3	36.6	41.3	45.5
77.5°	0.0	3.3	7.5	12.3	17.7	24.9	35.9	43.8	50.4	56.3	62.2
75°	0.0	3.9	9.0	14.7	21.5	32.6	46.3	56.3	64.2	72.2	80.8
72.5°	0.0	4.5	10.4	17.0	26.6	40.0	56.4	68.5	78.1	88.3	99.1
70°	0.0	5.1	11.8	19.4	31.6	47.1	66.0	80.1	91.7	104.1	118.6
67.5°	0.0	5.7	13.1	22.5	36.3	53.9	74.3	91.4	105.0	120.4	137.9
65°	0.0	6.3	14.4	25.3	40.8	60.2	82.2	102.5	118.2	136.2	156.1
62.5°	0.0	6.9	15.7	28.1	45.0	65.9	89.7	113.0	130.9	151.3	173.1
60°	0.0	7.4	16.9	30.7	49.0	71.3	96.7	123.0	142.9	165.9	189.5
57.5°	0.0	8.0	18.3	33.1	52.7	76.3	103.0	132.0	155.2	180.0	204.7
55°	0.0	8.5	19.7	35.3	56.1	80.9	108.9	139.1	167.1	193.5	219.2
52.5°	0.0	9.0	21.1	37.3	59.3	85.1	114.2	146.9	178.6	206.5	233.4
50°	0.0	9.4	22.4	39.2	62.2	89.0	119.0	154.2	189.6	219.1	248.9
47.5°	0.0	9.9	23.6	40.8	64.7	92.5	123.5	160.9	200.6	231.3	264.2
45°	0.0	10.3	24.8	42.5	67.0	95.6	128.6	166.9	208.4	244.5	278.9
42.5°	0.0	10.7	25.9	44.0	68.9	98.3	133.1	172.8	215.6	257.3	294.2
40°	0.0	11.0	27.0	45.6	70.7	100.6	137.1	178.5	222.7	269.1	309.0
37.5°	0.0	11.3	27.9	47.2	72.2	102.4	140.5	183.6	230.4	278.5	323.1
35°	0.0	11.6	28.8	48.8	73.5	104.5	143.3	188.2	237.9	288.8	337.4
32.5°	0.0	11.9	29.6	50.1	74.5	106.5	145.9	192.2	245.0	299.2	352.1
30°	0.0	12.2	30.4	51.4	75.2	108.1	148.8	196.1	251.7	309.8	365.9
27.5°	0.0	12.4	31.1	52.5	76.8	109.2	151.1	201.0	258.6	320.4	378.9
25°	0.0	12.6	31.6	53.4	78.3	109.8	152.9	205.4	266.5	330.8	391.0
22.5°	0.0	12.7	32.2	54.2	79.7	110.7	154.2	209.2	273.9	340.3	404.2
20°	0.0	12.9	32.6	54.9	80.8	112.7	155.0	212.4	280.9	348.9	416.1
17.5°	0.0	13.0	32.9	55.5	81.8	114.4	156.7	215.0	287.4	356.4	426.5
15°	0.0	13.0	33.2	55.8	82.6	115.7	158.8	217.5	293.2	362.9	435.4
12.5°	0.0	13.1	33.4	56.1	83.2	116.6	160.3	219.7	298.1	368.3	442.9
10°	0.0	13.1	33.5	56.2	83.6	117.2	161.2	220.9	302.0	372.9	448.9
7.5°	0.0	13.1	33.6	56.2	83.7	117.5	161.6	221.2	304.6	376.4	453.6
5°	0.0	13.1	33.5	56.0	83.7	117.4	161.4	220.5	306.1	378.7	456.7
2.5°	0.0	13.0	33.4	55.7	83.5	117.0	160.7	219.0	306.3	379.9	458.3
0°	0.0	12.9	33.2	55.3	83.0	116.2	159.5	216.6	305.1	379.8	458.2
-2.5°	0.0	13.0	33.4	55.7	83.5	117.0	160.7	219.0	306.3	379.9	458.3
-5°	0.0	13.1	33.5	56.0	83.7	117.4	161.4	220.5	306.1	378.7	456.7
-7.5°	0.0	13.1	33.6	56.2	83.7	117.5	161.6	221.2	304.6	376.4	453.6
-10°	0.0	13.1	33.5	56.2	83.6	117.2	161.2	220.9	302.0	372.9	448.9
-12.5°	0.0	13.1	33.4	56.1	83.2	116.6	160.3	219.7	298.1	368.3	442.9
-15°	0.0	13.0	33.2	55.8	82.6	115.7	158.8	217.5	293.2	362.9	435.4
-17.5°	0.0	13.0	32.9	55.5	81.8	114.4	156.7	215.0	287.4	356.4	426.5
-20°	0.0	12.9	32.6	54.9	80.8	112.7	155.0	212.4	280.9	348.9	416.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	32.2	54.2	79.7	110.7	154.2	209.2	273.9	340.3	404.2
-25°	0.0	12.6	31.6	53.4	78.3	109.8	152.9	205.4	266.5	330.8	391.0
-27.5°	0.0	12.4	31.1	52.5	76.8	109.2	151.1	201.0	258.6	320.4	378.9
-30°	0.0	12.2	30.4	51.4	75.2	108.1	148.8	196.1	251.7	309.8	365.9
-32.5°	0.0	11.9	29.6	50.1	74.5	106.5	145.9	192.2	245.0	299.2	352.1
-35°	0.0	11.6	28.8	48.8	73.5	104.5	143.3	188.2	237.9	288.8	337.4
-37.5°	0.0	11.3	27.9	47.2	72.2	102.4	140.5	183.6	230.4	278.5	323.1
-40°	0.0	11.0	27.0	45.6	70.7	100.6	137.1	178.5	222.7	269.1	309.0
-42.5°	0.0	10.7	25.9	44.0	68.9	98.3	133.1	172.8	215.6	257.3	294.2
-45°	0.0	10.3	24.8	42.5	67.0	95.6	128.6	166.9	208.4	244.5	278.9
-47.5°	0.0	9.9	23.6	40.8	64.7	92.5	123.5	160.9	200.6	231.3	264.2
-50°	0.0	9.4	22.4	39.2	62.2	89.0	119.0	154.2	189.6	219.1	248.9
-52.5°	0.0	9.0	21.1	37.3	59.3	85.1	114.2	146.9	178.6	206.5	233.4
-55°	0.0	8.5	19.7	35.3	56.1	80.9	108.9	139.1	167.1	193.5	219.2
-57.5°	0.0	8.0	18.3	33.1	52.7	76.3	103.0	132.0	155.2	180.0	204.7
-60°	0.0	7.4	16.9	30.7	49.0	71.3	96.7	123.0	142.9	165.9	189.5
-62.5°	0.0	6.9	15.7	28.1	45.0	65.9	89.7	113.0	130.9	151.3	173.1
-65°	0.0	6.3	14.4	25.3	40.8	60.2	82.2	102.5	118.2	136.2	156.1
-67.5°	0.0	5.7	13.1	22.5	36.3	53.9	74.3	91.4	105.0	120.4	137.9
-70°	0.0	5.1	11.8	19.4	31.6	47.1	66.0	80.1	91.7	104.1	118.6
-72.5°	0.0	4.5	10.4	17.0	26.6	40.0	56.4	68.5	78.1	88.3	99.1
-75°	0.0	3.9	9.0	14.7	21.5	32.6	46.3	56.3	64.2	72.2	80.8
-77.5°	0.0	3.3	7.5	12.3	17.7	24.9	35.9	43.8	50.4	56.3	62.2
-80°	0.0	2.6	6.0	9.9	14.3	19.2	25.2	31.3	36.6	41.3	45.5
-82.5°	0.0	2.0	4.6	7.5	10.8	14.4	18.5	20.6	22.7	26.3	29.5
-85°	0.0	1.3	3.0	5.0	7.2	9.7	12.4	13.7	14.8	15.7	16.4
-87.5°	0.0	0.7	1.5	2.5	3.6	4.8	6.2	6.9	7.4	7.9	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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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°	8.3	8.3	8.2	7.9	7.6	7.1	6.5	5.9	6.1	6.4	6.6
85°	16.7	16.6	18.0	19.3	19.9	19.9	19.6	18.7	21.1	23.9	26.9
82.5°	32.5	35.3	37.9	40.4	40.7	40.0	38.8	37.4	42.3	48.3	54.5
80°	49.8	53.9	58.7	63.1	64.2	63.7	62.4	60.1	66.6	75.8	85.7
77.5°	69.1	75.6	81.8	87.4	89.0	88.8	87.8	85.9	94.2	106.9	120.2
75°	89.4	97.3	105.3	112.2	115.2	115.4	115.1	117.1	127.9	142.8	156.0
72.5°	110.6	120.7	129.6	137.3	142.1	145.8	150.6	156.5	167.5	182.2	195.0
70°	133.0	144.3	153.7	162.2	169.5	177.5	187.7	197.8	209.4	224.0	237.4
67.5°	155.1	166.6	177.2	187.7	201.0	213.7	226.4	239.6	254.2	269.6	283.1
65°	175.6	188.6	201.5	216.7	234.0	248.5	264.1	281.3	300.5	317.7	333.5
62.5°	195.3	209.9	226.0	244.3	263.0	281.1	302.1	324.2	346.6	368.3	389.8
60°	212.0	230.1	249.6	270.2	291.9	316.5	341.2	367.5	394.2	420.3	446.9
57.5°	228.0	250.4	272.8	296.9	323.9	352.0	381.6	411.3	443.2	474.8	504.9
55°	244.6	271.0	296.5	325.0	356.0	389.1	422.5	458.4	493.7	533.4	570.0
52.5°	262.3	291.0	321.0	353.7	389.8	427.1	466.3	507.5	551.4	595.5	640.3
50°	279.5	312.0	345.4	384.4	424.8	467.5	512.7	560.6	611.7	662.9	717.1
47.5°	297.6	332.3	373.0	415.4	461.7	510.3	561.4	618.5	675.3	739.7	801.9
45°	315.5	355.3	399.5	448.8	499.6	554.2	615.1	677.8	750.3	823.1	904.8
42.5°	332.6	378.5	428.4	481.1	538.9	601.7	669.1	747.9	829.7	919.7	1015.6
40°	352.3	400.7	456.9	515.8	578.4	650.3	731.4	818.8	918.5	1025.2	1134.1
37.5°	371.3	425.7	485.0	548.9	621.6	702.5	792.0	899.2	1014.3	1135.5	1283.8
35°	389.2	449.5	513.9	583.9	662.7	756.4	863.5	981.9	1114.5	1271.0	1443.9
32.5°	408.2	472.1	541.2	619.8	709.0	811.3	933.0	1072.4	1229.3	1407.4	1623.8
30°	427.3	495.3	568.4	653.4	752.6	871.1	1009.2	1163.3	1343.9	1567.2	1821.3
27.5°	445.0	517.0	597.1	689.0	795.0	926.1	1082.6	1263.2	1475.9	1728.3	2025.1
25°	461.3	536.7	623.4	722.9	841.8	985.6	1155.2	1355.2	1608.0	1909.0	2274.0
22.5°	476.8	554.7	647.2	753.4	884.0	1043.2	1234.1	1462.9	1742.3	2080.1	2517.9
20°	491.3	574.2	670.9	782.6	921.6	1095.1	1306.5	1563.4	1881.4	2281.2	2757.0
17.5°	504.1	591.4	693.3	814.1	963.6	1147.9	1374.9	1652.2	2005.2	2460.9	2977.7
15°	515.1	606.2	712.7	841.4	1001.4	1200.4	1446.6	1749.5	2134.3	2624.3	3171.5
12.5°	524.2	618.6	728.9	864.3	1033.1	1244.8	1507.9	1836.3	2260.1	2778.2	3341.6
10°	531.5	628.5	742.0	882.9	1058.8	1280.8	1558.4	1907.2	2364.8	2910.1	3485.5
7.5°	537.6	636.3	752.1	897.0	1078.1	1308.4	1597.7	1962.0	2446.6	3014.5	3596.0
5°	541.9	641.8	759.7	906.8	1092.3	1327.5	1625.2	2000.3	2504.8	3090.2	3671.5
2.5°	544.3	644.8	764.1	912.0	1101.1	1338.4	1639.7	2024.4	2536.8	3133.4	3717.1
0°	544.8	645.3	765.2	912.7	1103.5	1340.4	1641.9	2031.9	2543.5	3144.6	3733.7
-2.5°	544.3	644.8	764.1	912.0	1101.1	1338.4	1639.7	2024.4	2536.8	3133.4	3717.1
-5°	541.9	641.8	759.7	906.8	1092.3	1327.5	1625.2	2000.3	2504.8	3090.2	3671.5
-7.5°	537.6	636.3	752.1	897.0	1078.1	1308.4	1597.7	1962.0	2446.6	3014.5	3596.0
-10°	531.5	628.5	742.0	882.9	1058.8	1280.8	1558.4	1907.2	2364.8	2910.1	3485.5
-12.5°	524.2	618.6	728.9	864.3	1033.1	1244.8	1507.9	1836.3	2260.1	2778.2	3341.6
-15°	515.1	606.2	712.7	841.4	1001.4	1200.4	1446.6	1749.5	2134.3	2624.3	3171.5
-17.5°	504.1	591.4	693.3	814.1	963.6	1147.9	1374.9	1652.2	2005.2	2460.9	2977.7
-20°	491.3	574.2	670.9	782.6	921.6	1095.1	1306.5	1563.4	1881.4	2281.2	2757.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	476.8	554.7	647.2	753.4	884.0	1043.2	1234.1	1462.9	1742.3	2080.1	2517.9
-25°	461.3	536.7	623.4	722.9	841.8	985.6	1155.2	1355.2	1608.0	1909.0	2274.0
-27.5°	445.0	517.0	597.1	689.0	795.0	926.1	1082.6	1263.2	1475.9	1728.3	2025.1
-30°	427.3	495.3	568.4	653.4	752.6	871.1	1009.2	1163.3	1343.9	1567.2	1821.3
-32.5°	408.2	472.1	541.2	619.8	709.0	811.3	933.0	1072.4	1229.3	1407.4	1623.8
-35°	389.2	449.5	513.9	583.9	662.7	756.4	863.5	981.9	1114.5	1271.0	1443.9
-37.5°	371.3	425.7	485.0	548.9	621.6	702.5	792.0	899.2	1014.3	1135.5	1283.8
-40°	352.3	400.7	456.9	515.8	578.4	650.3	731.4	818.8	918.5	1025.2	1134.1
-42.5°	332.6	378.5	428.4	481.1	538.9	601.7	669.1	747.9	829.7	919.7	1015.6
-45°	315.5	355.3	399.5	448.8	499.6	554.2	615.1	677.8	750.3	823.1	904.8
-47.5°	297.6	332.3	373.0	415.4	461.7	510.3	561.4	618.5	675.3	739.7	801.9
-50°	279.5	312.0	345.4	384.4	424.8	467.5	512.7	560.6	611.7	662.9	717.1
-52.5°	262.3	291.0	321.0	353.7	389.8	427.1	466.3	507.5	551.4	595.5	640.3
-55°	244.6	271.0	296.5	325.0	356.0	389.1	422.5	458.4	493.7	533.4	570.0
-57.5°	228.0	250.4	272.8	296.9	323.9	352.0	381.6	411.3	443.2	474.8	504.9
-60°	212.0	230.1	249.6	270.2	291.9	316.5	341.2	367.5	394.2	420.3	446.9
-62.5°	195.3	209.9	226.0	244.3	263.0	281.1	302.1	324.2	346.6	368.3	389.8
-65°	175.6	188.6	201.5	216.7	234.0	248.5	264.1	281.3	300.5	317.7	333.5
-67.5°	155.1	166.6	177.2	187.7	201.0	213.7	226.4	239.6	254.2	269.6	283.1
-70°	133.0	144.3	153.7	162.2	169.5	177.5	187.7	197.8	209.4	224.0	237.4
-72.5°	110.6	120.7	129.6	137.3	142.1	145.8	150.6	156.5	167.5	182.2	195.0
-75°	89.4	97.3	105.3	112.2	115.2	115.4	115.1	117.1	127.9	142.8	156.0
-77.5°	69.1	75.6	81.8	87.4	89.0	88.8	87.8	85.9	94.2	106.9	120.2
-80°	49.8	53.9	58.7	63.1	64.2	63.7	62.4	60.1	66.6	75.8	85.7
-82.5°	32.5	35.3	37.9	40.4	40.7	40.0	38.8	37.4	42.3	48.3	54.5
-85°	16.7	16.6	18.0	19.3	19.9	19.9	19.6	18.7	21.1	23.9	26.9
-87.5°	8.3	8.3	8.2	7.9	7.6	7.1	6.5	5.9	6.1	6.4	6.6
-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: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.6	6.4	6.2	5.9	5.8	5.6	5.5	5.3	4.9	4.5
85°	30.0	30.7	31.0	31.2	31.2	32.2	33.2	34.0	34.8	31.5	27.9
82.5°	61.0	63.8	66.3	68.8	71.3	73.0	74.3	75.2	75.8	68.6	60.5
80°	96.0	102.0	106.9	111.7	116.2	117.4	117.4	116.7	115.5	105.7	94.5
77.5°	133.4	141.3	147.5	153.7	159.8	162.1	163.2	164.0	164.6	152.4	137.4
75°	167.5	176.8	185.6	193.7	201.2	205.2	207.5	209.4	210.9	198.7	182.6
72.5°	206.3	216.2	225.7	234.6	242.6	247.8	251.3	254.1	256.3	249.4	239.3
70°	248.9	259.2	269.2	278.5	287.5	294.6	300.1	304.9	308.9	309.7	309.3
67.5°	296.2	308.4	320.3	330.5	341.1	351.1	359.9	367.2	373.0	376.9	379.0
65°	349.4	367.6	383.9	397.6	409.2	422.5	434.3	443.2	449.6	454.3	458.5
62.5°	412.0	434.1	452.7	471.1	490.0	508.4	519.9	531.4	542.7	553.4	562.5
60°	472.3	496.5	521.7	545.1	566.8	586.8	607.4	625.7	641.7	655.1	665.1
57.5°	536.6	566.1	594.7	624.4	652.4	678.6	704.0	727.6	747.9	765.0	779.0
55°	606.3	642.4	676.4	714.2	750.8	784.1	814.8	846.3	874.7	899.7	919.5
52.5°	681.5	728.4	773.4	817.8	865.2	908.0	946.3	990.0	1028.7	1060.7	1085.6
50°	771.3	826.4	885.8	940.7	1000.6	1059.5	1113.9	1166.5	1218.0	1262.5	1298.5
47.5°	873.5	941.3	1014.9	1087.7	1162.0	1242.6	1314.5	1381.3	1453.3	1515.8	1565.9
45°	987.1	1073.6	1162.4	1264.8	1359.2	1462.7	1558.5	1644.5	1746.6	1836.5	1908.9
42.5°	1113.1	1228.3	1345.2	1474.2	1599.3	1730.8	1870.4	1994.2	2129.6	2258.7	2363.0
40°	1269.3	1407.1	1563.6	1719.7	1899.4	2068.2	2271.5	2456.3	2624.1	2778.0	2904.2
37.5°	1442.9	1620.3	1816.9	2020.3	2266.1	2507.1	2745.1	2969.8	3168.2	3336.6	3477.9
35°	1639.9	1865.3	2103.5	2400.4	2688.5	2977.1	3245.9	3491.5	3707.3	3897.3	4058.9
32.5°	1866.6	2137.2	2470.6	2804.1	3132.7	3450.4	3745.5	4013.4	4250.1	4463.5	4649.3
30°	2105.0	2474.1	2848.3	3214.2	3573.0	3921.0	4245.0	4540.1	4807.5	5045.0	5259.1
27.5°	2407.8	2816.9	3224.9	3619.3	4014.1	4395.1	4746.1	5073.9	5380.7	5649.2	5893.9
25°	2700.8	3152.6	3586.4	4016.5	4446.2	4855.2	5247.7	5617.9	5969.4	6277.5	6550.7
22.5°	2993.6	3466.6	3930.1	4392.6	4854.2	5310.1	5750.8	6175.1	6568.0	6918.9	7226.4
20°	3264.9	3759.4	4255.1	4753.6	5253.9	5752.9	6248.0	6725.4	7163.1	7568.3	7924.3
17.5°	3508.1	4034.0	4559.5	5092.7	5635.1	6177.0	6726.9	7262.0	7762.5	8223.4	8636.4
15°	3723.5	4272.2	4836.6	5412.0	5994.5	6582.9	7183.0	7781.7	8345.1	8868.6	9329.6
12.5°	3911.8	4482.2	5073.8	5685.2	6317.4	6958.4	7613.3	8269.5	8893.2	9497.7	9995.5
10°	4067.1	4660.9	5279.2	5921.6	6588.3	7278.2	7980.7	8687.2	9374.4	10015.6	10584.8
7.5°	4187.1	4803.1	5440.3	6108.4	6807.8	7535.3	8279.6	9029.3	9762.6	10453.5	11083.4
5°	4271.8	4906.7	5551.8	6246.8	6970.5	7724.5	8498.0	9279.3	10045.9	10772.3	11425.1
2.5°	4321.0	4968.8	5616.8	6330.9	7067.3	7838.9	8633.4	9427.5	10214.4	10967.8	11638.6
0°	4333.9	4987.5	5654.0	6339.9	7097.7	7892.4	8658.5	9455.0	10272.8	11015.8	11684.2
-2.5°	4321.0	4968.8	5616.8	6330.9	7067.3	7838.9	8633.4	9427.5	10214.4	10967.8	11638.6
-5°	4271.8	4906.7	5551.8	6246.8	6970.5	7724.5	8498.0	9279.3	10045.9	10772.3	11425.1
-7.5°	4187.1	4803.1	5440.3	6108.4	6807.8	7535.3	8279.6	9029.3	9762.6	10453.5	11083.4
-10°	4067.1	4660.9	5279.2	5921.6	6588.3	7278.2	7980.7	8687.2	9374.4	10015.6	10584.8
-12.5°	3911.8	4482.2	5073.8	5685.2	6317.4	6958.4	7613.3	8269.5	8893.2	9497.7	9995.5
-15°	3723.5	4272.2	4836.6	5412.0	5994.5	6582.9	7183.0	7781.7	8345.1	8868.6	9329.6
-17.5°	3508.1	4034.0	4559.5	5092.7	5635.1	6177.0	6726.9	7262.0	7762.5	8223.4	8636.4
-20°	3264.9	3759.4	4255.1	4753.6	5253.9	5752.9	6248.0	6725.4	7163.1	7568.3	7924.3



REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2993.6	3466.6	3930.1	4392.6	4854.2	5310.1	5750.8	6175.1	6568.0	6918.9	7226.4
-25°	2700.8	3152.6	3586.4	4016.5	4446.2	4855.2	5247.7	5617.9	5969.4	6277.5	6550.7
-27.5°	2407.8	2816.9	3224.9	3619.3	4014.1	4395.1	4746.1	5073.9	5380.7	5649.2	5893.9
-30°	2105.0	2474.1	2848.3	3214.2	3573.0	3921.0	4245.0	4540.1	4807.5	5045.0	5259.1
-32.5°	1866.6	2137.2	2470.6	2804.1	3132.7	3450.4	3745.5	4013.4	4250.1	4463.5	4649.3
-35°	1639.9	1865.3	2103.5	2400.4	2688.5	2977.1	3245.9	3491.5	3707.3	3897.3	4058.9
-37.5°	1442.9	1620.3	1816.9	2020.3	2266.1	2507.1	2745.1	2969.8	3168.2	3336.6	3477.9
-40°	1269.3	1407.1	1563.6	1719.7	1899.4	2068.2	2271.5	2456.3	2624.1	2778.0	2904.2
-42.5°	1113.1	1228.3	1345.2	1474.2	1599.3	1730.8	1870.4	1994.2	2129.6	2258.7	2363.0
-45°	987.1	1073.6	1162.4	1264.8	1359.2	1462.7	1558.5	1644.5	1746.6	1836.5	1908.9
-47.5°	873.5	941.3	1014.9	1087.7	1162.0	1242.6	1314.5	1381.3	1453.3	1515.8	1565.9
-50°	771.3	826.4	885.8	940.7	1000.6	1059.5	1113.9	1166.5	1218.0	1262.5	1298.5
-52.5°	681.5	728.4	773.4	817.8	865.2	908.0	946.3	990.0	1028.7	1060.7	1085.6
-55°	606.3	642.4	676.4	714.2	750.8	784.1	814.8	846.3	874.7	899.7	919.5
-57.5°	536.6	566.1	594.7	624.4	652.4	678.6	704.0	727.6	747.9	765.0	779.0
-60°	472.3	496.5	521.7	545.1	566.8	586.8	607.4	625.7	641.7	655.1	665.1
-62.5°	412.0	434.1	452.7	471.1	490.0	508.4	519.9	531.4	542.7	553.4	562.5
-65°	349.4	367.6	383.9	397.6	409.2	422.5	434.3	443.2	449.6	454.3	458.5
-67.5°	296.2	308.4	320.3	330.5	341.1	351.1	359.9	367.2	373.0	376.9	379.0
-70°	248.9	259.2	269.2	278.5	287.5	294.6	300.1	304.9	308.9	309.7	309.3
-72.5°	206.3	216.2	225.7	234.6	242.6	247.8	251.3	254.1	256.3	249.4	239.3
-75°	167.5	176.8	185.6	193.7	201.2	205.2	207.5	209.4	210.9	198.7	182.6
-77.5°	133.4	141.3	147.5	153.7	159.8	162.1	163.2	164.0	164.6	152.4	137.4
-80°	96.0	102.0	106.9	111.7	116.2	117.4	117.4	116.7	115.5	105.7	94.5
-82.5°	61.0	63.8	66.3	68.8	71.3	73.0	74.3	75.2	75.8	68.6	60.5
-85°	30.0	30.7	31.0	31.2	31.2	32.2	33.2	34.0	34.8	31.5	27.9
-87.5°	6.8	6.6	6.4	6.2	5.9	5.8	5.6	5.5	5.3	4.9	4.5
-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: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.7	3.2	2.8	3.2	3.7	4.1	4.5	4.9	5.3	5.5
85°	24.1	20.2	19.8	19.4	19.8	20.2	24.1	27.9	31.5	34.8	34.0
82.5°	52.0	43.2	41.9	40.6	41.9	43.2	52.0	60.5	68.6	75.8	75.2
80°	82.9	71.0	68.6	66.4	68.6	71.0	82.9	94.5	105.7	115.5	116.7
77.5°	121.7	105.3	100.5	95.9	100.5	105.3	121.7	137.4	152.4	164.6	164.0
75°	165.9	148.6	142.8	137.4	142.8	148.6	165.9	182.6	198.7	210.9	209.4
72.5°	229.2	218.6	208.0	196.4	208.0	218.6	229.2	239.3	249.4	256.3	254.1
70°	309.0	308.3	305.6	301.5	305.6	308.3	309.0	309.3	309.7	308.9	304.9
67.5°	380.0	379.7	380.6	380.7	380.6	379.7	380.0	379.0	376.9	373.0	367.2
65°	461.0	461.8	463.8	464.6	463.8	461.8	461.0	458.5	454.3	449.6	443.2
62.5°	569.5	574.2	576.5	576.2	576.5	574.2	569.5	562.5	553.4	542.7	531.4
60°	672.5	677.4	680.5	681.3	680.5	677.4	672.5	665.1	655.1	641.7	625.7
57.5°	790.1	798.1	802.4	803.0	802.4	798.1	790.1	779.0	765.0	747.9	727.6
55°	934.7	945.4	950.1	949.6	950.1	945.4	934.7	919.5	899.7	874.7	846.3
52.5°	1104.5	1117.4	1127.1	1133.0	1127.1	1117.4	1104.5	1085.6	1060.7	1028.7	990.0
50°	1325.6	1344.1	1355.9	1360.7	1355.9	1344.1	1325.6	1298.5	1262.5	1218.0	1166.5
47.5°	1602.1	1626.7	1644.9	1657.6	1644.9	1626.7	1602.1	1565.9	1515.8	1453.3	1381.3
45°	1962.4	1999.8	2025.3	2040.2	2025.3	1999.8	1962.4	1908.9	1836.5	1746.6	1644.5
42.5°	2444.4	2502.6	2538.2	2551.8	2538.2	2502.6	2444.4	2363.0	2258.7	2129.6	1994.2
40°	3003.8	3073.6	3119.4	3151.1	3119.4	3073.6	3003.8	2904.2	2778.0	2624.1	2456.3
37.5°	3586.4	3659.7	3704.3	3734.6	3704.3	3659.7	3586.4	3477.9	3336.6	3168.2	2969.8
35°	4180.8	4257.6	4299.4	4322.8	4299.4	4257.6	4180.8	4058.9	3897.3	3707.3	3491.5
32.5°	4791.0	4875.6	4921.1	4968.1	4921.1	4875.6	4791.0	4649.3	4463.5	4250.1	4013.4
30°	5428.3	5525.4	5573.0	5595.9	5573.0	5525.4	5428.3	5259.1	5045.0	4807.5	4540.1
27.5°	6091.5	6212.5	6272.1	6311.3	6272.1	6212.5	6091.5	5893.9	5649.2	5380.7	5073.9
25°	6781.5	6931.5	6999.8	7060.8	6999.8	6931.5	6781.5	6550.7	6277.5	5969.4	5617.9
22.5°	7497.4	7684.2	7763.3	7806.7	7763.3	7684.2	7497.4	7226.4	6918.9	6568.0	6175.1
20°	8232.0	8455.2	8565.1	8621.6	8565.1	8455.2	8232.0	7924.3	7568.3	7163.1	6725.4
17.5°	8983.3	9260.8	9403.0	9435.7	9403.0	9260.8	8983.3	8636.4	8223.4	7762.5	7262.0
15°	9720.8	10021.0	10189.0	10250.6	10189.0	10021.0	9720.8	9329.6	8868.6	8345.1	7781.7
12.5°	10419.1	10730.3	10931.2	10966.9	10931.2	10730.3	10419.1	9995.5	9497.7	8893.2	8269.5
10°	11052.6	11374.9	11596.8	11647.3	11596.8	11374.9	11052.6	10584.8	10015.6	9374.4	8687.2
7.5°	11582.1	11935.8	12180.9	12223.5	12180.9	11935.8	11582.1	11083.4	10453.5	9762.6	9029.3
5°	11969.5	12389.5	12590.6	12641.1	12590.6	12389.5	11969.5	11425.1	10772.3	10045.9	9279.3
2.5°	12182.1	12609.5	12889.1	12856.8	12889.1	12609.5	12182.1	11638.6	10967.8	10214.4	9427.5
0°	12206.0	12653.1	12920.5	13044.0	12920.5	12653.1	12206.0	11684.2	11015.8	10272.8	9455.0
-2.5°	12182.1	12609.5	12889.1	12856.8	12889.1	12609.5	12182.1	11638.6	10967.8	10214.4	9427.5
-5°	11969.5	12389.5	12590.6	12641.1	12590.6	12389.5	11969.5	11425.1	10772.3	10045.9	9279.3
-7.5°	11582.1	11935.8	12180.9	12223.5	12180.9	11935.8	11582.1	11083.4	10453.5	9762.6	9029.3
-10°	11052.6	11374.9	11596.8	11647.3	11596.8	11374.9	11052.6	10584.8	10015.6	9374.4	8687.2
-12.5°	10419.1	10730.3	10931.2	10966.9	10931.2	10730.3	10419.1	9995.5	9497.7	8893.2	8269.5
-15°	9720.8	10021.0	10189.0	10250.6	10189.0	10021.0	9720.8	9329.6	8868.6	8345.1	7781.7
-17.5°	8983.3	9260.8	9403.0	9435.7	9403.0	9260.8	8983.3	8636.4	8223.4	7762.5	7262.0
-20°	8232.0	8455.2	8565.1	8621.6	8565.1	8455.2	8232.0	7924.3	7568.3	7163.1	6725.4



REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7497.4	7684.2	7763.3	7806.7	7763.3	7684.2	7497.4	7226.4	6918.9	6568.0	6175.1
-25°	6781.5	6931.5	6999.8	7060.8	6999.8	6931.5	6781.5	6550.7	6277.5	5969.4	5617.9
-27.5°	6091.5	6212.5	6272.1	6311.3	6272.1	6212.5	6091.5	5893.9	5649.2	5380.7	5073.9
-30°	5428.3	5525.4	5573.0	5595.9	5573.0	5525.4	5428.3	5259.1	5045.0	4807.5	4540.1
-32.5°	4791.0	4875.6	4921.1	4968.1	4921.1	4875.6	4791.0	4649.3	4463.5	4250.1	4013.4
-35°	4180.8	4257.6	4299.4	4322.8	4299.4	4257.6	4180.8	4058.9	3897.3	3707.3	3491.5
-37.5°	3586.4	3659.7	3704.3	3734.6	3704.3	3659.7	3586.4	3477.9	3336.6	3168.2	2969.8
-40°	3003.8	3073.6	3119.4	3151.1	3119.4	3073.6	3003.8	2904.2	2778.0	2624.1	2456.3
-42.5°	2444.4	2502.6	2538.2	2551.8	2538.2	2502.6	2444.4	2363.0	2258.7	2129.6	1994.2
-45°	1962.4	1999.8	2025.3	2040.2	2025.3	1999.8	1962.4	1908.9	1836.5	1746.6	1644.5
-47.5°	1602.1	1626.7	1644.9	1657.6	1644.9	1626.7	1602.1	1565.9	1515.8	1453.3	1381.3
-50°	1325.6	1344.1	1355.9	1360.7	1355.9	1344.1	1325.6	1298.5	1262.5	1218.0	1166.5
-52.5°	1104.5	1117.4	1127.1	1133.0	1127.1	1117.4	1104.5	1085.6	1060.7	1028.7	990.0
-55°	934.7	945.4	950.1	949.6	950.1	945.4	934.7	919.5	899.7	874.7	846.3
-57.5°	790.1	798.1	802.4	803.0	802.4	798.1	790.1	779.0	765.0	747.9	727.6
-60°	672.5	677.4	680.5	681.3	680.5	677.4	672.5	665.1	655.1	641.7	625.7
-62.5°	569.5	574.2	576.5	576.2	576.5	574.2	569.5	562.5	553.4	542.7	531.4
-65°	461.0	461.8	463.8	464.6	463.8	461.8	461.0	458.5	454.3	449.6	443.2
-67.5°	380.0	379.7	380.6	380.7	380.6	379.7	380.0	379.0	376.9	373.0	367.2
-70°	309.0	308.3	305.6	301.5	305.6	308.3	309.0	309.3	309.7	308.9	304.9
-72.5°	229.2	218.6	208.0	196.4	208.0	218.6	229.2	239.3	249.4	256.3	254.1
-75°	165.9	148.6	142.8	137.4	142.8	148.6	165.9	182.6	198.7	210.9	209.4
-77.5°	121.7	105.3	100.5	95.9	100.5	105.3	121.7	137.4	152.4	164.6	164.0
-80°	82.9	71.0	68.6	66.4	68.6	71.0	82.9	94.5	105.7	115.5	116.7
-82.5°	52.0	43.2	41.9	40.6	41.9	43.2	52.0	60.5	68.6	75.8	75.2
-85°	24.1	20.2	19.8	19.4	19.8	20.2	24.1	27.9	31.5	34.8	34.0
-87.5°	4.1	3.7	3.2	2.8	3.2	3.7	4.1	4.5	4.9	5.3	5.5
-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: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	5.8	5.9	6.2	6.4	6.6	6.8	6.6	6.4	6.1	5.9
85°	33.2	32.2	31.2	31.2	31.0	30.7	30.0	26.9	23.9	21.1	18.7
82.5°	74.3	73.0	71.3	68.8	66.3	63.8	61.0	54.5	48.3	42.3	37.4
80°	117.4	117.4	116.2	111.7	106.9	102.0	96.0	85.7	75.8	66.6	60.1
77.5°	163.2	162.1	159.8	153.7	147.5	141.3	133.4	120.2	106.9	94.2	85.9
75°	207.5	205.2	201.2	193.7	185.6	176.8	167.5	156.0	142.8	127.9	117.1
72.5°	251.3	247.8	242.6	234.6	225.7	216.2	206.3	195.0	182.2	167.5	156.5
70°	300.1	294.6	287.5	278.5	269.2	259.2	248.9	237.4	224.0	209.4	197.8
67.5°	359.9	351.1	341.1	330.5	320.3	308.4	296.2	283.1	269.6	254.2	239.6
65°	434.3	422.5	409.2	397.6	383.9	367.6	349.4	333.5	317.7	300.5	281.3
62.5°	519.9	508.4	490.0	471.1	452.7	434.1	412.0	389.8	368.3	346.6	324.2
60°	607.4	586.8	566.8	545.1	521.7	496.5	472.3	446.9	420.3	394.2	367.5
57.5°	704.0	678.6	652.4	624.4	594.7	566.1	536.6	504.9	474.8	443.2	411.3
55°	814.8	784.1	750.8	714.2	676.4	642.4	606.3	570.0	533.4	493.7	458.4
52.5°	946.3	908.0	865.2	817.8	773.4	728.4	681.5	640.3	595.5	551.4	507.5
50°	1113.9	1059.5	1000.6	940.7	885.8	826.4	771.3	717.1	662.9	611.7	560.6
47.5°	1314.5	1242.6	1162.0	1087.7	1014.9	941.3	873.5	801.9	739.7	675.3	618.5
45°	1558.5	1462.7	1359.2	1264.8	1162.4	1073.6	987.1	904.8	823.1	750.3	677.8
42.5°	1870.4	1730.8	1599.3	1474.2	1345.2	1228.3	1113.1	1015.6	919.7	829.7	747.9
40°	2271.5	2068.2	1899.4	1719.7	1563.6	1407.1	1269.3	1134.1	1025.2	918.5	818.8
37.5°	2745.1	2507.1	2266.1	2020.3	1816.9	1620.3	1442.9	1283.8	1135.5	1014.3	899.2
35°	3245.9	2977.1	2688.5	2400.4	2103.5	1865.3	1639.9	1443.9	1271.0	1114.5	981.9
32.5°	3745.5	3450.4	3132.7	2804.1	2470.6	2137.2	1866.6	1623.8	1407.4	1229.3	1072.4
30°	4245.0	3921.0	3573.0	3214.2	2848.3	2474.1	2105.0	1821.3	1567.2	1343.9	1163.3
27.5°	4746.1	4395.1	4014.1	3619.3	3224.9	2816.9	2407.8	2025.1	1728.3	1475.9	1263.2
25°	5247.7	4855.2	4446.2	4016.5	3586.4	3152.6	2700.8	2274.0	1909.0	1608.0	1355.2
22.5°	5750.8	5310.1	4854.2	4392.6	3930.1	3466.6	2993.6	2517.9	2080.1	1742.3	1462.9
20°	6248.0	5752.9	5253.9	4753.6	4255.1	3759.4	3264.9	2757.0	2281.2	1881.4	1563.4
17.5°	6726.9	6177.0	5635.1	5092.7	4559.5	4034.0	3508.1	2977.7	2460.9	2005.2	1652.2
15°	7183.0	6582.9	5994.5	5412.0	4836.6	4272.2	3723.5	3171.5	2624.3	2134.3	1749.5
12.5°	7613.3	6958.4	6317.4	5685.2	5073.8	4482.2	3911.8	3341.6	2778.2	2260.1	1836.3
10°	7980.7	7278.2	6588.3	5921.6	5279.2	4660.9	4067.1	3485.5	2910.1	2364.8	1907.2
7.5°	8279.6	7535.3	6807.8	6108.4	5440.3	4803.1	4187.1	3596.0	3014.5	2446.6	1962.0
5°	8498.0	7724.5	6970.5	6246.8	5551.8	4906.7	4271.8	3671.5	3090.2	2504.8	2000.3
2.5°	8633.4	7838.9	7067.3	6330.9	5616.8	4968.8	4321.0	3717.1	3133.4	2536.8	2024.4
0°	8658.5	7892.4	7097.7	6339.9	5654.0	4987.5	4333.9	3733.7	3144.6	2543.5	2031.9
-2.5°	8633.4	7838.9	7067.3	6330.9	5616.8	4968.8	4321.0	3717.1	3133.4	2536.8	2024.4
-5°	8498.0	7724.5	6970.5	6246.8	5551.8	4906.7	4271.8	3671.5	3090.2	2504.8	2000.3
-7.5°	8279.6	7535.3	6807.8	6108.4	5440.3	4803.1	4187.1	3596.0	3014.5	2446.6	1962.0
-10°	7980.7	7278.2	6588.3	5921.6	5279.2	4660.9	4067.1	3485.5	2910.1	2364.8	1907.2
-12.5°	7613.3	6958.4	6317.4	5685.2	5073.8	4482.2	3911.8	3341.6	2778.2	2260.1	1836.3
-15°	7183.0	6582.9	5994.5	5412.0	4836.6	4272.2	3723.5	3171.5	2624.3	2134.3	1749.5
-17.5°	6726.9	6177.0	5635.1	5092.7	4559.5	4034.0	3508.1	2977.7	2460.9	2005.2	1652.2
-20°	6248.0	5752.9	5253.9	4753.6	4255.1	3759.4	3264.9	2757.0	2281.2	1881.4	1563.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5750.8	5310.1	4854.2	4392.6	3930.1	3466.6	2993.6	2517.9	2080.1	1742.3	1462.9
-25°	5247.7	4855.2	4446.2	4016.5	3586.4	3152.6	2700.8	2274.0	1909.0	1608.0	1355.2
-27.5°	4746.1	4395.1	4014.1	3619.3	3224.9	2816.9	2407.8	2025.1	1728.3	1475.9	1263.2
-30°	4245.0	3921.0	3573.0	3214.2	2848.3	2474.1	2105.0	1821.3	1567.2	1343.9	1163.3
-32.5°	3745.5	3450.4	3132.7	2804.1	2470.6	2137.2	1866.6	1623.8	1407.4	1229.3	1072.4
-35°	3245.9	2977.1	2688.5	2400.4	2103.5	1865.3	1639.9	1443.9	1271.0	1114.5	981.9
-37.5°	2745.1	2507.1	2266.1	2020.3	1816.9	1620.3	1442.9	1283.8	1135.5	1014.3	899.2
-40°	2271.5	2068.2	1899.4	1719.7	1563.6	1407.1	1269.3	1134.1	1025.2	918.5	818.8
-42.5°	1870.4	1730.8	1599.3	1474.2	1345.2	1228.3	1113.1	1015.6	919.7	829.7	747.9
-45°	1558.5	1462.7	1359.2	1264.8	1162.4	1073.6	987.1	904.8	823.1	750.3	677.8
-47.5°	1314.5	1242.6	1162.0	1087.7	1014.9	941.3	873.5	801.9	739.7	675.3	618.5
-50°	1113.9	1059.5	1000.6	940.7	885.8	826.4	771.3	717.1	662.9	611.7	560.6
-52.5°	946.3	908.0	865.2	817.8	773.4	728.4	681.5	640.3	595.5	551.4	507.5
-55°	814.8	784.1	750.8	714.2	676.4	642.4	606.3	570.0	533.4	493.7	458.4
-57.5°	704.0	678.6	652.4	624.4	594.7	566.1	536.6	504.9	474.8	443.2	411.3
-60°	607.4	586.8	566.8	545.1	521.7	496.5	472.3	446.9	420.3	394.2	367.5
-62.5°	519.9	508.4	490.0	471.1	452.7	434.1	412.0	389.8	368.3	346.6	324.2
-65°	434.3	422.5	409.2	397.6	383.9	367.6	349.4	333.5	317.7	300.5	281.3
-67.5°	359.9	351.1	341.1	330.5	320.3	308.4	296.2	283.1	269.6	254.2	239.6
-70°	300.1	294.6	287.5	278.5	269.2	259.2	248.9	237.4	224.0	209.4	197.8
-72.5°	251.3	247.8	242.6	234.6	225.7	216.2	206.3	195.0	182.2	167.5	156.5
-75°	207.5	205.2	201.2	193.7	185.6	176.8	167.5	156.0	142.8	127.9	117.1
-77.5°	163.2	162.1	159.8	153.7	147.5	141.3	133.4	120.2	106.9	94.2	85.9
-80°	117.4	117.4	116.2	111.7	106.9	102.0	96.0	85.7	75.8	66.6	60.1
-82.5°	74.3	73.0	71.3	68.8	66.3	63.8	61.0	54.5	48.3	42.3	37.4
-85°	33.2	32.2	31.2	31.2	31.0	30.7	30.0	26.9	23.9	21.1	18.7
-87.5°	5.6	5.8	5.9	6.2	6.4	6.6	6.8	6.6	6.4	6.1	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	7.1	7.6	7.9	8.2	8.3	8.3	8.2	7.9	7.4	6.9
85°	19.6	19.9	19.9	19.3	18.0	16.6	16.7	16.4	15.7	14.8	13.7
82.5°	38.8	40.0	40.7	40.4	37.9	35.3	32.5	29.5	26.3	22.7	20.6
80°	62.4	63.7	64.2	63.1	58.7	53.9	49.8	45.5	41.3	36.6	31.3
77.5°	87.8	88.8	89.0	87.4	81.8	75.6	69.1	62.2	56.3	50.4	43.8
75°	115.1	115.4	115.2	112.2	105.3	97.3	89.4	80.8	72.2	64.2	56.3
72.5°	150.6	145.8	142.1	137.3	129.6	120.7	110.6	99.1	88.3	78.1	68.5
70°	187.7	177.5	169.5	162.2	153.7	144.3	133.0	118.6	104.1	91.7	80.1
67.5°	226.4	213.7	201.0	187.7	177.2	166.6	155.1	137.9	120.4	105.0	91.4
65°	264.1	248.5	234.0	216.7	201.5	188.6	175.6	156.1	136.2	118.2	102.5
62.5°	302.1	281.1	263.0	244.3	226.0	209.9	195.3	173.1	151.3	130.9	113.0
60°	341.2	316.5	291.9	270.2	249.6	230.1	212.0	189.5	165.9	142.9	123.0
57.5°	381.6	352.0	323.9	296.9	272.8	250.4	228.0	204.7	180.0	155.2	132.0
55°	422.5	389.1	356.0	325.0	296.5	271.0	244.6	219.2	193.5	167.1	139.1
52.5°	466.3	427.1	389.8	353.7	321.0	291.0	262.3	233.4	206.5	178.6	146.9
50°	512.7	467.5	424.8	384.4	345.4	312.0	279.5	248.9	219.1	189.6	154.2
47.5°	561.4	510.3	461.7	415.4	373.0	332.3	297.6	264.2	231.3	200.6	160.9
45°	615.1	554.2	499.6	448.8	399.5	355.3	315.5	278.9	244.5	208.4	166.9
42.5°	669.1	601.7	538.9	481.1	428.4	378.5	332.6	294.2	257.3	215.6	172.8
40°	731.4	650.3	578.4	515.8	456.9	400.7	352.3	309.0	269.1	222.7	178.5
37.5°	792.0	702.5	621.6	548.9	485.0	425.7	371.3	323.1	278.5	230.4	183.6
35°	863.5	756.4	662.7	583.9	513.9	449.5	389.2	337.4	288.8	237.9	188.2
32.5°	933.0	811.3	709.0	619.8	541.2	472.1	408.2	352.1	299.2	245.0	192.2
30°	1009.2	871.1	752.6	653.4	568.4	495.3	427.3	365.9	309.8	251.7	196.1
27.5°	1082.6	926.1	795.0	689.0	597.1	517.0	445.0	378.9	320.4	258.6	201.0
25°	1155.2	985.6	841.8	722.9	623.4	536.7	461.3	391.0	330.8	266.5	205.4
22.5°	1234.1	1043.2	884.0	753.4	647.2	554.7	476.8	404.2	340.3	273.9	209.2
20°	1306.5	1095.1	921.6	782.6	670.9	574.2	491.3	416.1	348.9	280.9	212.4
17.5°	1374.9	1147.9	963.6	814.1	693.3	591.4	504.1	426.5	356.4	287.4	215.0
15°	1446.6	1200.4	1001.4	841.4	712.7	606.2	515.1	435.4	362.9	293.2	217.5
12.5°	1507.9	1244.8	1033.1	864.3	728.9	618.6	524.2	442.9	368.3	298.1	219.7
10°	1558.4	1280.8	1058.8	882.9	742.0	628.5	531.5	448.9	372.9	302.0	220.9
7.5°	1597.7	1308.4	1078.1	897.0	752.1	636.3	537.6	453.6	376.4	304.6	221.2
5°	1625.2	1327.5	1092.3	906.8	759.7	641.8	541.9	456.7	378.7	306.1	220.5
2.5°	1639.7	1338.4	1101.1	912.0	764.1	644.8	544.3	458.3	379.9	306.3	219.0
0°	1641.9	1340.4	1103.5	912.7	765.2	645.3	544.8	458.2	379.8	305.1	216.6
-2.5°	1639.7	1338.4	1101.1	912.0	764.1	644.8	544.3	458.3	379.9	306.3	219.0
-5°	1625.2	1327.5	1092.3	906.8	759.7	641.8	541.9	456.7	378.7	306.1	220.5
-7.5°	1597.7	1308.4	1078.1	897.0	752.1	636.3	537.6	453.6	376.4	304.6	221.2
-10°	1558.4	1280.8	1058.8	882.9	742.0	628.5	531.5	448.9	372.9	302.0	220.9
-12.5°	1507.9	1244.8	1033.1	864.3	728.9	618.6	524.2	442.9	368.3	298.1	219.7
-15°	1446.6	1200.4	1001.4	841.4	712.7	606.2	515.1	435.4	362.9	293.2	217.5
-17.5°	1374.9	1147.9	963.6	814.1	693.3	591.4	504.1	426.5	356.4	287.4	215.0
-20°	1306.5	1095.1	921.6	782.6	670.9	574.2	491.3	416.1	348.9	280.9	212.4

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1234.1	1043.2	884.0	753.4	647.2	554.7	476.8	404.2	340.3	273.9	209.2
-25°	1155.2	985.6	841.8	722.9	623.4	536.7	461.3	391.0	330.8	266.5	205.4
-27.5°	1082.6	926.1	795.0	689.0	597.1	517.0	445.0	378.9	320.4	258.6	201.0
-30°	1009.2	871.1	752.6	653.4	568.4	495.3	427.3	365.9	309.8	251.7	196.1
-32.5°	933.0	811.3	709.0	619.8	541.2	472.1	408.2	352.1	299.2	245.0	192.2
-35°	863.5	756.4	662.7	583.9	513.9	449.5	389.2	337.4	288.8	237.9	188.2
-37.5°	792.0	702.5	621.6	548.9	485.0	425.7	371.3	323.1	278.5	230.4	183.6
-40°	731.4	650.3	578.4	515.8	456.9	400.7	352.3	309.0	269.1	222.7	178.5
-42.5°	669.1	601.7	538.9	481.1	428.4	378.5	332.6	294.2	257.3	215.6	172.8
-45°	615.1	554.2	499.6	448.8	399.5	355.3	315.5	278.9	244.5	208.4	166.9
-47.5°	561.4	510.3	461.7	415.4	373.0	332.3	297.6	264.2	231.3	200.6	160.9
-50°	512.7	467.5	424.8	384.4	345.4	312.0	279.5	248.9	219.1	189.6	154.2
-52.5°	466.3	427.1	389.8	353.7	321.0	291.0	262.3	233.4	206.5	178.6	146.9
-55°	422.5	389.1	356.0	325.0	296.5	271.0	244.6	219.2	193.5	167.1	139.1
-57.5°	381.6	352.0	323.9	296.9	272.8	250.4	228.0	204.7	180.0	155.2	132.0
-60°	341.2	316.5	291.9	270.2	249.6	230.1	212.0	189.5	165.9	142.9	123.0
-62.5°	302.1	281.1	263.0	244.3	226.0	209.9	195.3	173.1	151.3	130.9	113.0
-65°	264.1	248.5	234.0	216.7	201.5	188.6	175.6	156.1	136.2	118.2	102.5
-67.5°	226.4	213.7	201.0	187.7	177.2	166.6	155.1	137.9	120.4	105.0	91.4
-70°	187.7	177.5	169.5	162.2	153.7	144.3	133.0	118.6	104.1	91.7	80.1
-72.5°	150.6	145.8	142.1	137.3	129.6	120.7	110.6	99.1	88.3	78.1	68.5
-75°	115.1	115.4	115.2	112.2	105.3	97.3	89.4	80.8	72.2	64.2	56.3
-77.5°	87.8	88.8	89.0	87.4	81.8	75.6	69.1	62.2	56.3	50.4	43.8
-80°	62.4	63.7	64.2	63.1	58.7	53.9	49.8	45.5	41.3	36.6	31.3
-82.5°	38.8	40.0	40.7	40.4	37.9	35.3	32.5	29.5	26.3	22.7	20.6
-85°	19.6	19.9	19.9	19.3	18.0	16.6	16.7	16.4	15.7	14.8	13.7
-87.5°	6.5	7.1	7.6	7.9	8.2	8.3	8.3	8.2	7.9	7.4	6.9
-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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REPORT NUMBER: P627023 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
85°	12.4	9.7	7.2	5.0	3.0	1.3	0.0
82.5°	18.5	14.4	10.8	7.5	4.6	2.0	0.0
80°	25.2	19.2	14.3	9.9	6.0	2.6	0.0
77.5°	35.9	24.9	17.7	12.3	7.5	3.3	0.0
75°	46.3	32.6	21.5	14.7	9.0	3.9	0.0
72.5°	56.4	40.0	26.6	17.0	10.4	4.5	0.0
70°	66.0	47.1	31.6	19.4	11.8	5.1	0.0
67.5°	74.3	53.9	36.3	22.5	13.1	5.7	0.0
65°	82.2	60.2	40.8	25.3	14.4	6.3	0.0
62.5°	89.7	65.9	45.0	28.1	15.7	6.9	0.0
60°	96.7	71.3	49.0	30.7	16.9	7.4	0.0
57.5°	103.0	76.3	52.7	33.1	18.3	8.0	0.0
55°	108.9	80.9	56.1	35.3	19.7	8.5	0.0
52.5°	114.2	85.1	59.3	37.3	21.1	9.0	0.0
50°	119.0	89.0	62.2	39.2	22.4	9.4	0.0
47.5°	123.5	92.5	64.7	40.8	23.6	9.9	0.0
45°	128.6	95.6	67.0	42.5	24.8	10.3	0.0
42.5°	133.1	98.3	68.9	44.0	25.9	10.7	0.0
40°	137.1	100.6	70.7	45.6	27.0	11.0	0.0
37.5°	140.5	102.4	72.2	47.2	27.9	11.3	0.0
35°	143.3	104.5	73.5	48.8	28.8	11.6	0.0
32.5°	145.9	106.5	74.5	50.1	29.6	11.9	0.0
30°	148.8	108.1	75.2	51.4	30.4	12.2	0.0
27.5°	151.1	109.2	76.8	52.5	31.1	12.4	0.0
25°	152.9	109.8	78.3	53.4	31.6	12.6	0.0
22.5°	154.2	110.7	79.7	54.2	32.2	12.7	0.0
20°	155.0	112.7	80.8	54.9	32.6	12.9	0.0
17.5°	156.7	114.4	81.8	55.5	32.9	13.0	0.0
15°	158.8	115.7	82.6	55.8	33.2	13.0	0.0
12.5°	160.3	116.6	83.2	56.1	33.4	13.1	0.0
10°	161.2	117.2	83.6	56.2	33.5	13.1	0.0
7.5°	161.6	117.5	83.7	56.2	33.6	13.1	0.0
5°	161.4	117.4	83.7	56.0	33.5	13.1	0.0
2.5°	160.7	117.0	83.5	55.7	33.4	13.0	0.0
0°	159.5	116.2	83.0	55.3	33.2	12.9	0.0
-2.5°	160.7	117.0	83.5	55.7	33.4	13.0	0.0
-5°	161.4	117.4	83.7	56.0	33.5	13.1	0.0
-7.5°	161.6	117.5	83.7	56.2	33.6	13.1	0.0
-10°	161.2	117.2	83.6	56.2	33.5	13.1	0.0
-12.5°	160.3	116.6	83.2	56.1	33.4	13.1	0.0
-15°	158.8	115.7	82.6	55.8	33.2	13.0	0.0
-17.5°	156.7	114.4	81.8	55.5	32.9	13.0	0.0
-20°	155.0	112.7	80.8	54.9	32.6	12.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	154.2	110.7	79.7	54.2	32.2	12.7	0.0
-25°	152.9	109.8	78.3	53.4	31.6	12.6	0.0
-27.5°	151.1	109.2	76.8	52.5	31.1	12.4	0.0
-30°	148.8	108.1	75.2	51.4	30.4	12.2	0.0
-32.5°	145.9	106.5	74.5	50.1	29.6	11.9	0.0
-35°	143.3	104.5	73.5	48.8	28.8	11.6	0.0
-37.5°	140.5	102.4	72.2	47.2	27.9	11.3	0.0
-40°	137.1	100.6	70.7	45.6	27.0	11.0	0.0
-42.5°	133.1	98.3	68.9	44.0	25.9	10.7	0.0
-45°	128.6	95.6	67.0	42.5	24.8	10.3	0.0
-47.5°	123.5	92.5	64.7	40.8	23.6	9.9	0.0
-50°	119.0	89.0	62.2	39.2	22.4	9.4	0.0
-52.5°	114.2	85.1	59.3	37.3	21.1	9.0	0.0
-55°	108.9	80.9	56.1	35.3	19.7	8.5	0.0
-57.5°	103.0	76.3	52.7	33.1	18.3	8.0	0.0
-60°	96.7	71.3	49.0	30.7	16.9	7.4	0.0
-62.5°	89.7	65.9	45.0	28.1	15.7	6.9	0.0
-65°	82.2	60.2	40.8	25.3	14.4	6.3	0.0
-67.5°	74.3	53.9	36.3	22.5	13.1	5.7	0.0
-70°	66.0	47.1	31.6	19.4	11.8	5.1	0.0
-72.5°	56.4	40.0	26.6	17.0	10.4	4.5	0.0
-75°	46.3	32.6	21.5	14.7	9.0	3.9	0.0
-77.5°	35.9	24.9	17.7	12.3	7.5	3.3	0.0
-80°	25.2	19.2	14.3	9.9	6.0	2.6	0.0
-82.5°	18.5	14.4	10.8	7.5	4.6	2.0	0.0
-85°	12.4	9.7	7.2	5.0	3.0	1.3	0.0
-87.5°	6.2	4.8	3.6	2.5	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)