

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: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627797 (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-SA6B-727-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N135
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

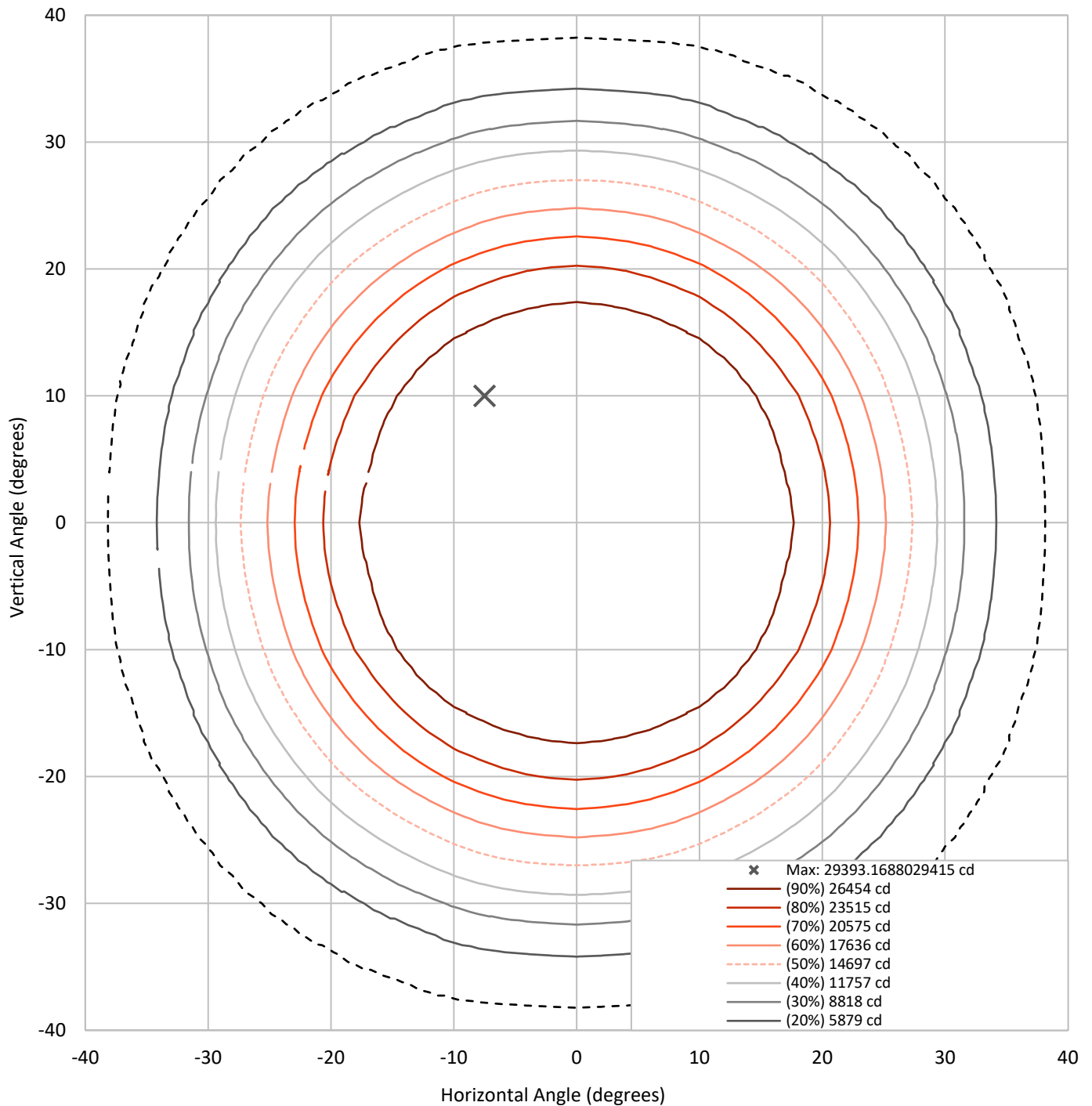
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25016.3 lumens	Max Intensity:	29393.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	131.3 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:	16604.4 lumens	Field Lumens:	21590.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	190.6		
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





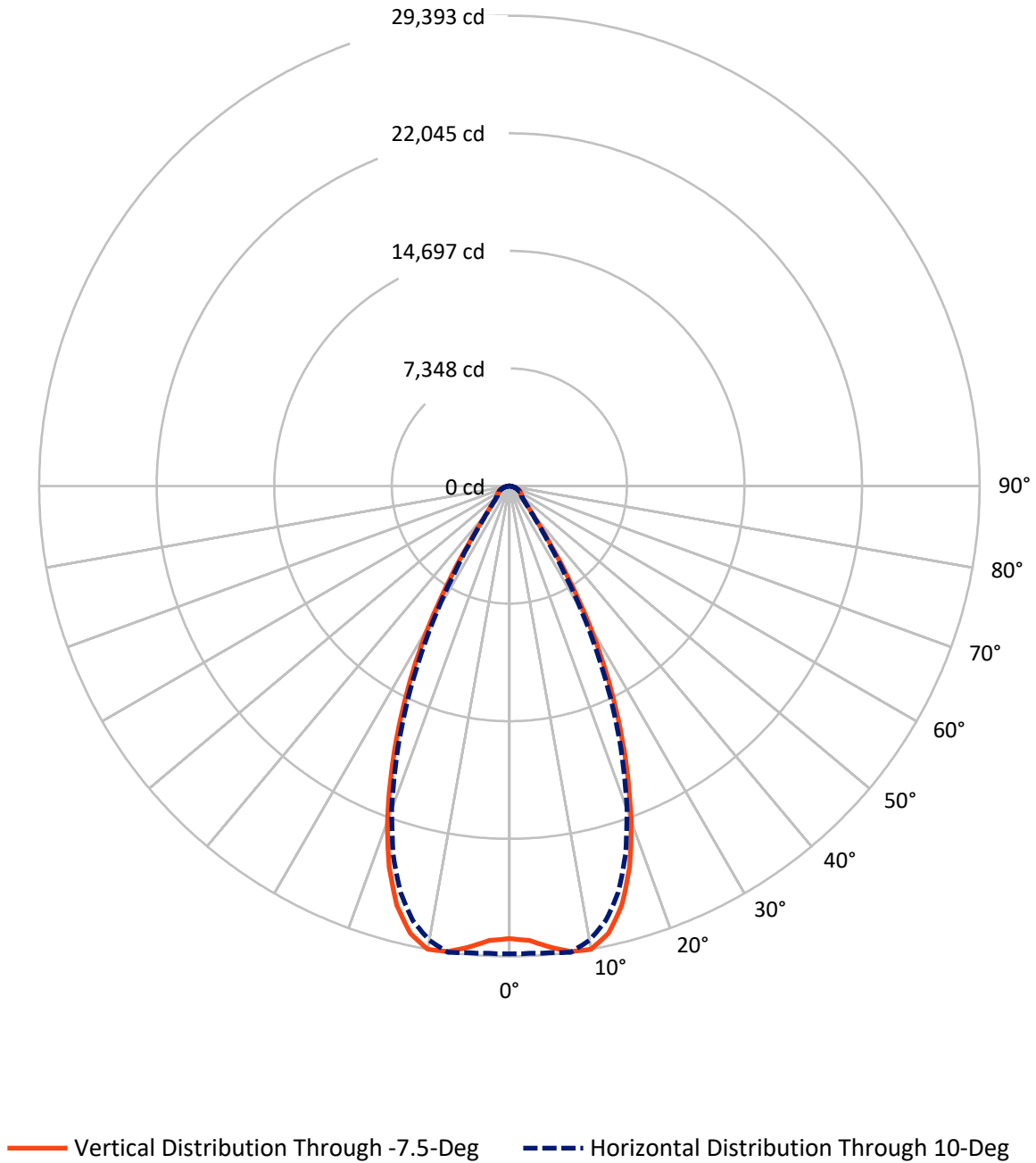
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Lumen Table

90															90				
80	0.6	5.9		15.7		24.8		27.7		24.8		15.7		5.9		0.6			
70															70				
60	2.7	3.0	6.1	10.0	14.0	17.0	19.2	20.3	20.3	19.2	17.0	14.0	10.0	6.1	3.0	2.7			
		4.5	9.0	14.4	19.3	23.4	26.1	27.3	27.3	26.1	23.4	19.3	14.4	9.0	4.5				
50	4.7	5.8	11.4	17.5	23.5	30.6	38.4	44.1	44.1	38.4	30.6	23.5	17.5	11.4	5.8	4.7			
		6.9	13.3	20.1	31.2	56.9	108.8	161.3	161.3	108.8	56.9	31.2	20.1	13.3	6.9				
30	6.1	7.7	14.5	23.5	51.2	160.6	360.3	503.1	503.1	360.3	160.6	51.2	23.5	14.5	7.7	6.1			
		8.2	15.2	27.9	92.6	342.4	653.8	818.3	818.3	653.8	342.4	92.6	27.9	15.2	8.2				
10	6.6	8.5	15.6	31.4	133.3	468.5	793.2	863.0	863.0	793.2	468.5	133.3	31.4	15.6	8.5	6.6			
		8.5	15.6	31.4	133.3	468.5	793.2	863.0	863.0	793.2	468.5	133.3	31.4	15.6	8.5				
-10	6.1	8.2	15.2	27.9	92.6	342.4	653.8	818.3	818.3	653.8	342.4	92.6	27.9	15.2	8.2	6.1			
		7.7	14.5	23.5	51.2	160.6	360.3	503.1	503.1	360.3	160.6	51.2	23.5	14.5	7.7				
-30	4.7	6.9	13.3	20.1	31.2	56.9	108.8	161.3	161.3	108.8	56.9	31.2	20.1	13.3	6.9	4.7			
		5.8	11.4	17.5	23.5	30.6	38.4	44.1	44.1	38.4	30.6	23.5	17.5	11.4	5.8				
-50	2.7	4.5	9.0	14.4	19.3	23.4	26.1	27.3	27.3	26.1	23.4	19.3	14.4	9.0	4.5	2.7			
		3.0	6.1	10.0	14.0	17.0	19.2	20.3	20.3	19.2	17.0	14.0	10.0	6.1	3.0				
-70	0.6															0.6			
-80															-80				
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

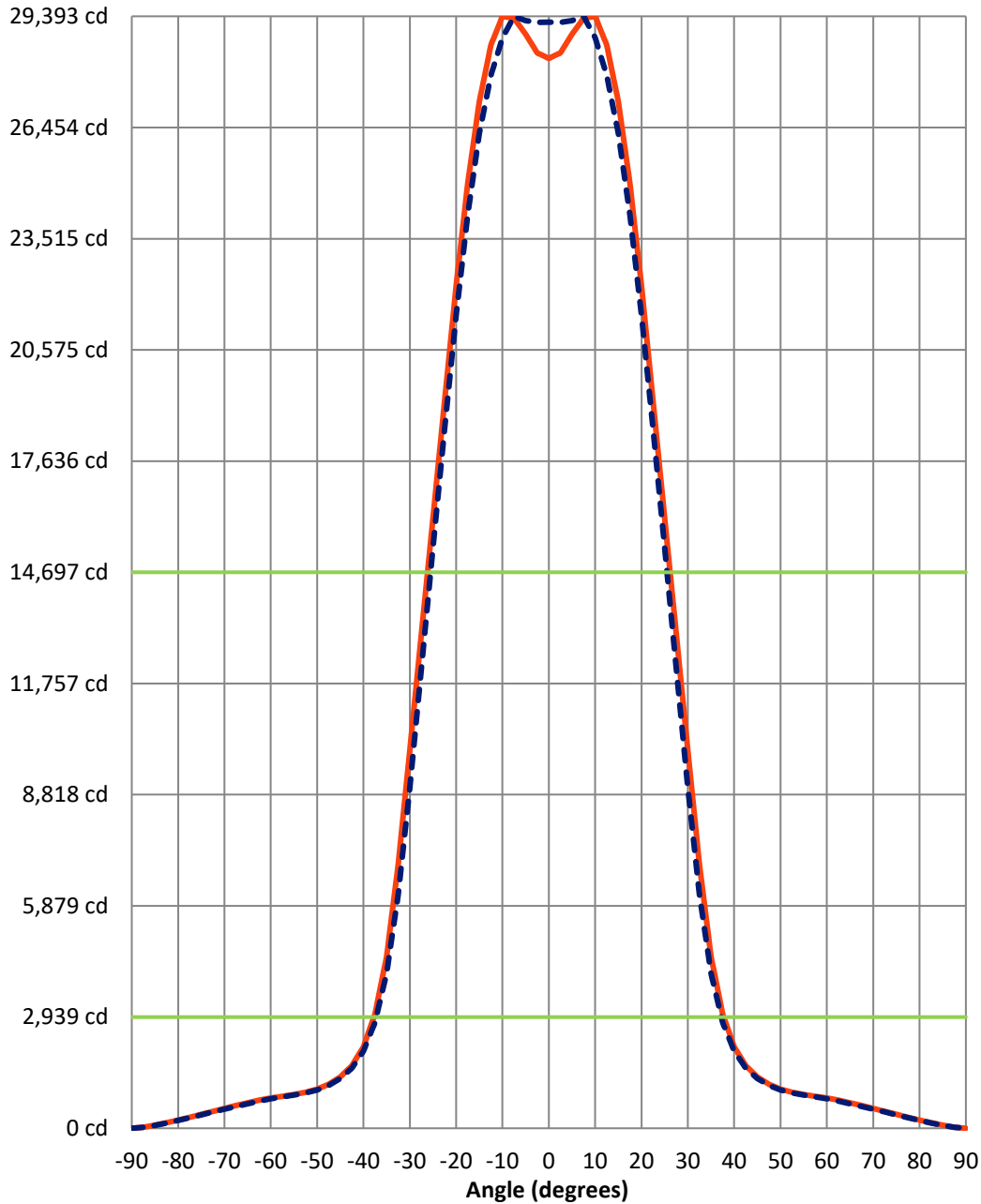
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16604.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 21590.4
 Efficiency: 86.3%

Spill:
 Lumens: 3425.9
 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	2.2	3.4	4.5	5.6	6.6	8.1	9.7	11.3	13.1
85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	16.2	19.3	22.6	26.1
82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.2	29.5	37.2	44.4
80°	0.0	4.5	8.9	13.4	17.8	22.1	27.4	37.8	47.8	57.1	66.0
77.5°	0.0	5.6	11.1	16.6	22.1	29.9	41.8	54.1	65.9	77.0	88.9
75°	0.0	6.6	13.3	19.9	27.4	41.8	56.1	70.4	84.4	100.6	116.5
72.5°	0.0	7.7	15.4	23.1	36.9	53.6	70.2	87.3	106.5	125.3	143.9
70°	0.0	8.8	17.6	27.0	46.2	65.2	84.4	106.5	128.3	149.8	172.3
67.5°	0.0	9.8	19.6	33.9	55.4	76.7	100.5	125.3	149.8	174.9	200.6
65°	0.0	10.9	21.7	40.7	64.4	88.8	116.2	143.9	171.4	199.6	229.5
62.5°	0.0	11.9	23.7	47.3	73.2	101.4	131.5	162.1	192.5	224.4	260.5
60°	0.0	12.8	25.7	53.8	81.9	113.7	146.5	179.9	213.1	251.3	290.7
57.5°	0.0	13.8	29.8	60.1	91.3	125.7	161.4	197.2	235.5	277.4	319.2
55°	0.0	14.7	33.8	66.3	100.5	137.2	176.1	214.2	257.8	302.6	346.5
52.5°	0.0	15.6	37.7	72.3	109.3	148.6	190.4	232.8	279.3	326.5	373.0
50°	0.0	16.5	41.5	78.1	117.9	160.3	204.4	251.0	300.0	349.6	398.7
47.5°	0.0	17.4	45.1	83.8	126.0	171.6	218.1	268.5	319.8	371.9	423.5
45°	0.0	18.2	48.5	89.6	133.9	182.5	232.4	285.2	338.9	393.3	447.4
42.5°	0.0	18.9	51.7	95.2	141.3	193.0	245.9	301.0	357.1	413.9	469.9
40°	0.0	19.7	54.8	100.4	148.9	203.2	258.8	316.0	374.4	433.5	491.7
37.5°	0.0	20.4	57.7	105.2	156.5	212.8	270.9	330.2	391.2	452.4	512.5
35°	0.0	21.1	60.4	109.7	163.8	222.2	282.3	343.4	407.1	470.1	532.0
32.5°	0.0	21.7	62.9	113.9	170.7	231.1	292.9	355.7	422.2	486.6	549.1
30°	0.0	22.3	65.2	117.8	177.1	239.4	302.7	367.2	436.5	501.8	565.1
27.5°	0.0	22.8	67.4	121.4	182.8	247.0	311.7	378.6	449.5	515.7	579.8
25°	0.0	23.3	69.3	124.7	188.0	253.9	319.9	389.2	460.8	527.9	593.3
22.5°	0.0	23.7	71.0	127.7	192.7	260.1	327.2	398.8	471.0	538.8	605.6
20°	0.0	24.1	72.5	130.3	196.9	265.4	333.7	407.5	479.9	548.5	616.5
17.5°	0.0	24.5	73.8	132.6	200.5	269.9	339.6	415.2	487.7	557.1	626.0
15°	0.0	24.8	74.9	134.5	203.7	273.8	344.8	422.2	494.3	564.3	634.2
12.5°	0.0	25.1	75.8	136.2	206.2	277.1	349.4	428.3	500.2	570.4	641.0
10°	0.0	25.3	76.5	137.4	208.3	279.6	353.2	433.4	505.3	576.0	646.7
7.5°	0.0	25.5	77.0	138.3	209.8	281.5	356.2	437.3	509.3	580.6	651.8
5°	0.0	25.6	77.2	138.9	210.7	282.7	358.3	440.1	512.1	583.8	655.5
2.5°	0.0	25.7	77.3	139.1	211.1	283.1	359.7	441.8	513.8	585.7	657.7
0°	0.0	25.7	77.2	138.9	210.9	282.9	360.1	442.4	514.4	586.4	658.4
-2.5°	0.0	25.7	77.3	139.1	211.1	283.1	359.7	441.8	513.8	585.7	657.7
-5°	0.0	25.6	77.2	138.9	210.7	282.7	358.3	440.1	512.1	583.8	655.5
-7.5°	0.0	25.5	77.0	138.3	209.8	281.5	356.2	437.3	509.3	580.6	651.8
-10°	0.0	25.3	76.5	137.4	208.3	279.6	353.2	433.4	505.3	576.0	646.7
-12.5°	0.0	25.1	75.8	136.2	206.2	277.1	349.4	428.3	500.2	570.4	641.0
-15°	0.0	24.8	74.9	134.5	203.7	273.8	344.8	422.2	494.3	564.3	634.2
-17.5°	0.0	24.5	73.8	132.6	200.5	269.9	339.6	415.2	487.7	557.1	626.0
-20°	0.0	24.1	72.5	130.3	196.9	265.4	333.7	407.5	479.9	548.5	616.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.7	71.0	127.7	192.7	260.1	327.2	398.8	471.0	538.8	605.6
-25°	0.0	23.3	69.3	124.7	188.0	253.9	319.9	389.2	460.8	527.9	593.3
-27.5°	0.0	22.8	67.4	121.4	182.8	247.0	311.7	378.6	449.5	515.7	579.8
-30°	0.0	22.3	65.2	117.8	177.1	239.4	302.7	367.2	436.5	501.8	565.1
-32.5°	0.0	21.7	62.9	113.9	170.7	231.1	292.9	355.7	422.2	486.6	549.1
-35°	0.0	21.1	60.4	109.7	163.8	222.2	282.3	343.4	407.1	470.1	532.0
-37.5°	0.0	20.4	57.7	105.2	156.5	212.8	270.9	330.2	391.2	452.4	512.5
-40°	0.0	19.7	54.8	100.4	148.9	203.2	258.8	316.0	374.4	433.5	491.7
-42.5°	0.0	18.9	51.7	95.2	141.3	193.0	245.9	301.0	357.1	413.9	469.9
-45°	0.0	18.2	48.5	89.6	133.9	182.5	232.4	285.2	338.9	393.3	447.4
-47.5°	0.0	17.4	45.1	83.8	126.0	171.6	218.1	268.5	319.8	371.9	423.5
-50°	0.0	16.5	41.5	78.1	117.9	160.3	204.4	251.0	300.0	349.6	398.7
-52.5°	0.0	15.6	37.7	72.3	109.3	148.6	190.4	232.8	279.3	326.5	373.0
-55°	0.0	14.7	33.8	66.3	100.5	137.2	176.1	214.2	257.8	302.6	346.5
-57.5°	0.0	13.8	29.8	60.1	91.3	125.7	161.4	197.2	235.5	277.4	319.2
-60°	0.0	12.8	25.7	53.8	81.9	113.7	146.5	179.9	213.1	251.3	290.7
-62.5°	0.0	11.9	23.7	47.3	73.2	101.4	131.5	162.1	192.5	224.4	260.5
-65°	0.0	10.9	21.7	40.7	64.4	88.8	116.2	143.9	171.4	199.6	229.5
-67.5°	0.0	9.8	19.6	33.9	55.4	76.7	100.5	125.3	149.8	174.9	200.6
-70°	0.0	8.8	17.6	27.0	46.2	65.2	84.4	106.5	128.3	149.8	172.3
-72.5°	0.0	7.7	15.4	23.1	36.9	53.6	70.2	87.3	106.5	125.3	143.9
-75°	0.0	6.6	13.3	19.9	27.4	41.8	56.1	70.4	84.4	100.6	116.5
-77.5°	0.0	5.6	11.1	16.6	22.1	29.9	41.8	54.1	65.9	77.0	88.9
-80°	0.0	4.5	8.9	13.4	17.8	22.1	27.4	37.8	47.8	57.1	66.0
-82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.2	29.5	37.2	44.4
-85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	16.2	19.3	22.6	26.1
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.6	8.1	9.7	11.3	13.1
-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°	14.3	15.4	16.6	17.7	18.8	19.9	20.9	21.8	22.8	23.7	24.5
85°	28.5	30.9	35.0	39.2	43.1	47.0	50.7	54.3	57.7	60.9	64.0
82.5°	51.0	57.6	64.4	71.4	77.4	83.2	88.9	94.7	100.6	106.4	112.1
80°	75.0	84.2	94.9	105.0	113.8	122.2	130.3	138.2	146.6	155.7	164.9
77.5°	102.7	115.9	128.4	140.0	151.3	163.5	175.4	186.7	198.6	210.3	221.4
75°	132.4	147.5	163.4	179.1	194.3	209.0	223.4	238.0	252.9	267.6	281.6
72.5°	163.1	182.2	201.0	219.2	238.1	256.6	274.4	291.5	309.2	327.2	344.4
70°	194.9	216.8	239.9	262.2	283.5	305.0	326.7	347.6	368.1	389.0	409.7
67.5°	227.0	254.5	280.5	305.3	330.4	355.7	380.1	405.2	429.4	453.7	476.9
65°	262.4	292.4	320.9	349.2	377.7	407.4	436.3	464.2	492.3	519.4	543.9
62.5°	297.1	329.0	360.5	392.7	426.6	459.9	491.5	523.6	556.2	584.7	609.4
60°	328.9	364.4	399.6	436.3	473.8	509.7	545.1	579.9	615.0	647.7	667.9
57.5°	359.8	398.9	438.0	477.5	517.0	557.0	594.2	632.5	665.1	692.7	716.2
55°	389.8	432.3	473.9	515.4	558.0	599.9	640.4	676.7	708.6	731.6	754.2
52.5°	418.9	463.8	506.7	551.6	596.9	641.3	683.6	717.4	743.5	767.0	788.1
50°	447.2	492.8	538.2	586.9	634.8	681.7	721.4	751.0	777.6	800.5	822.6
47.5°	473.7	521.3	569.8	621.0	671.4	716.7	753.3	784.2	811.3	836.0	862.2
45°	499.3	549.7	601.0	653.8	705.2	749.1	784.3	817.6	843.1	870.9	901.0
42.5°	524.0	577.1	630.8	685.4	737.3	778.3	813.5	844.0	873.9	906.9	943.2
40°	547.6	602.8	658.9	715.7	767.5	803.8	838.3	870.7	906.9	946.2	988.2
37.5°	569.7	627.1	685.3	744.2	789.7	827.2	862.4	898.5	940.7	986.2	1043.2
35°	590.4	649.6	709.7	766.4	809.7	849.3	885.8	926.1	975.4	1034.8	1107.8
32.5°	609.5	670.5	732.3	784.3	828.0	869.2	906.7	956.9	1016.1	1086.9	1190.2
30°	627.1	689.5	751.6	802.0	844.5	885.9	931.6	988.1	1057.3	1160.7	1292.9
27.5°	643.5	706.9	766.8	816.6	859.3	902.0	955.4	1024.0	1115.1	1238.4	1402.8
25°	658.5	723.4	781.4	828.9	873.0	920.3	978.4	1055.4	1175.3	1334.5	1556.7
22.5°	672.1	738.4	795.3	839.5	885.9	937.1	1004.9	1101.3	1239.4	1425.3	1712.0
20°	684.3	749.7	805.7	849.6	897.7	951.0	1028.5	1144.7	1311.3	1552.1	1918.0
17.5°	694.9	759.6	813.5	859.2	909.3	966.8	1051.4	1182.3	1375.2	1662.7	2126.2
15°	704.0	768.1	820.1	867.5	919.3	984.8	1083.4	1231.5	1449.4	1777.8	2307.7
12.5°	711.6	775.1	825.5	874.2	927.6	999.8	1110.7	1277.9	1526.4	1919.1	2575.1
10°	717.5	780.6	829.6	879.4	934.1	1011.9	1132.9	1315.8	1590.3	2041.5	2803.2
7.5°	723.1	784.6	832.5	883.1	938.7	1020.9	1149.8	1345.0	1639.2	2137.6	2983.7
5°	727.1	787.0	834.0	885.2	942.6	1026.7	1161.3	1365.3	1673.1	2206.3	3110.7
2.5°	729.6	787.8	834.3	885.8	945.5	1029.4	1167.3	1376.5	1699.6	2238.8	3179.0
0°	730.4	787.0	833.3	884.8	946.5	1028.8	1167.7	1378.6	1713.0	2237.6	3189.3
-2.5°	729.6	787.8	834.3	885.8	945.5	1029.4	1167.3	1376.5	1699.6	2238.8	3179.0
-5°	727.1	787.0	834.0	885.2	942.6	1026.7	1161.3	1365.3	1673.1	2206.3	3110.7
-7.5°	723.1	784.6	832.5	883.1	938.7	1020.9	1149.8	1345.0	1639.2	2137.6	2983.7
-10°	717.5	780.6	829.6	879.4	934.1	1011.9	1132.9	1315.8	1590.3	2041.5	2803.2
-12.5°	711.6	775.1	825.5	874.2	927.6	999.8	1110.7	1277.9	1526.4	1919.1	2575.1
-15°	704.0	768.1	820.1	867.5	919.3	984.8	1083.4	1231.5	1449.4	1777.8	2307.7
-17.5°	694.9	759.6	813.5	859.2	909.3	966.8	1051.4	1182.3	1375.2	1662.7	2126.2
-20°	684.3	749.7	805.7	849.6	897.7	951.0	1028.5	1144.7	1311.3	1552.1	1918.0



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	672.1	738.4	795.3	839.5	885.9	937.1	1004.9	1101.3	1239.4	1425.3	1712.0
-25°	658.5	723.4	781.4	828.9	873.0	920.3	978.4	1055.4	1175.3	1334.5	1556.7
-27.5°	643.5	706.9	766.8	816.6	859.3	902.0	955.4	1024.0	1115.1	1238.4	1402.8
-30°	627.1	689.5	751.6	802.0	844.5	885.9	931.6	988.1	1057.3	1160.7	1292.9
-32.5°	609.5	670.5	732.3	784.3	828.0	869.2	906.7	956.9	1016.1	1086.9	1190.2
-35°	590.4	649.6	709.7	766.4	809.7	849.3	885.8	926.1	975.4	1034.8	1107.8
-37.5°	569.7	627.1	685.3	744.2	789.7	827.2	862.4	898.5	940.7	986.2	1043.2
-40°	547.6	602.8	658.9	715.7	767.5	803.8	838.3	870.7	906.9	946.2	988.2
-42.5°	524.0	577.1	630.8	685.4	737.3	778.3	813.5	844.0	873.9	906.9	943.2
-45°	499.3	549.7	601.0	653.8	705.2	749.1	784.3	817.6	843.1	870.9	901.0
-47.5°	473.7	521.3	569.8	621.0	671.4	716.7	753.3	784.2	811.3	836.0	862.2
-50°	447.2	492.8	538.2	586.9	634.8	681.7	721.4	751.0	777.6	800.5	822.6
-52.5°	418.9	463.8	506.7	551.6	596.9	641.3	683.6	717.4	743.5	767.0	788.1
-55°	389.8	432.3	473.9	515.4	558.0	599.9	640.4	676.7	708.6	731.6	754.2
-57.5°	359.8	398.9	438.0	477.5	517.0	557.0	594.2	632.5	665.1	692.7	716.2
-60°	328.9	364.4	399.6	436.3	473.8	509.7	545.1	579.9	615.0	647.7	667.9
-62.5°	297.1	329.0	360.5	392.7	426.6	459.9	491.5	523.6	556.2	584.7	609.4
-65°	262.4	292.4	320.9	349.2	377.7	407.4	436.3	464.2	492.3	519.4	543.9
-67.5°	227.0	254.5	280.5	305.3	330.4	355.7	380.1	405.2	429.4	453.7	476.9
-70°	194.9	216.8	239.9	262.2	283.5	305.0	326.7	347.6	368.1	389.0	409.7
-72.5°	163.1	182.2	201.0	219.2	238.1	256.6	274.4	291.5	309.2	327.2	344.4
-75°	132.4	147.5	163.4	179.1	194.3	209.0	223.4	238.0	252.9	267.6	281.6
-77.5°	102.7	115.9	128.4	140.0	151.3	163.5	175.4	186.7	198.6	210.3	221.4
-80°	75.0	84.2	94.9	105.0	113.8	122.2	130.3	138.2	146.6	155.7	164.9
-82.5°	51.0	57.6	64.4	71.4	77.4	83.2	88.9	94.7	100.6	106.4	112.1
-85°	28.5	30.9	35.0	39.2	43.1	47.0	50.7	54.3	57.7	60.9	64.0
-87.5°	14.3	15.4	16.6	17.7	18.8	19.9	20.9	21.8	22.8	23.7	24.5
-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: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	25.3	25.0	24.5	24.0	23.3	24.9	26.6	28.2	29.8	28.9	27.9
85°	66.9	68.4	69.7	70.8	71.7	74.9	78.0	80.8	83.5	83.5	83.1
82.5°	117.8	121.6	124.8	127.8	130.4	134.1	137.5	140.4	142.8	144.7	146.3
80°	173.6	179.8	185.0	189.8	194.1	199.1	203.7	207.7	211.3	213.2	214.4
77.5°	232.5	241.5	249.6	257.3	264.5	271.7	278.3	284.2	289.3	290.5	290.2
75°	295.0	307.1	318.4	328.9	338.6	346.9	354.0	359.9	364.8	367.2	368.5
72.5°	360.8	375.6	389.0	401.0	411.3	419.9	427.3	433.8	439.2	442.6	444.7
70°	429.3	446.9	460.6	472.0	480.8	489.3	498.9	508.0	516.6	521.4	523.2
67.5°	498.1	516.4	529.0	539.3	547.3	555.7	567.8	578.6	588.3	594.8	599.0
65°	565.5	584.7	597.3	607.1	614.6	623.0	636.5	647.2	655.4	661.9	667.8
62.5°	632.0	651.4	665.4	677.1	687.9	697.2	708.2	717.3	724.3	730.7	738.0
60°	689.6	712.6	727.3	739.2	752.6	767.1	775.2	782.0	787.8	793.0	797.5
57.5°	736.7	757.2	776.1	790.4	804.3	817.7	827.3	833.7	838.9	842.7	844.2
55°	776.1	797.2	818.3	833.8	847.5	860.0	870.6	878.9	885.8	891.2	892.5
52.5°	811.4	835.1	855.8	873.7	891.8	906.6	918.2	929.5	939.4	947.3	950.7
50°	849.8	874.7	900.5	924.5	943.7	960.6	974.7	990.6	1007.4	1021.3	1030.1
47.5°	890.2	918.9	950.1	979.5	1002.3	1027.4	1050.8	1074.5	1105.7	1131.9	1151.4
45°	932.5	969.2	1004.8	1042.2	1073.8	1121.1	1164.9	1202.6	1252.7	1298.1	1334.2
42.5°	982.3	1028.1	1071.8	1131.8	1194.6	1259.1	1328.9	1388.4	1466.7	1546.3	1610.6
40°	1041.5	1100.0	1176.9	1257.5	1356.6	1445.4	1565.8	1673.0	1793.1	1944.9	2070.4
37.5°	1112.6	1202.8	1309.9	1422.1	1576.7	1724.3	1923.3	2133.0	2323.3	2615.4	2861.2
35°	1205.0	1331.1	1472.1	1670.7	1889.5	2166.2	2476.6	2881.7	3229.1	3721.8	4192.7
32.5°	1324.1	1486.1	1716.3	2023.0	2346.4	2848.8	3341.4	4044.8	4696.0	5477.0	6319.8
30°	1456.6	1703.2	2055.0	2475.7	3078.8	3817.9	4686.3	5766.5	6948.7	8046.4	9128.0
27.5°	1648.7	2002.0	2464.1	3142.9	4083.0	5117.1	6638.5	8104.8	9634.7	10994.7	12128.9
25°	1873.0	2339.9	3054.4	4053.9	5325.3	7096.0	8917.2	10727.0	12372.3	13796.1	15049.2
22.5°	2162.5	2834.0	3786.6	5081.2	7061.0	9183.3	11319.0	13315.2	15070.2	16655.6	18012.2
20°	2477.4	3317.7	4678.1	6608.6	8872.6	11290.6	13702.0	15828.4	17760.8	19558.4	21087.4
17.5°	2876.6	4053.4	5776.2	8092.0	10709.5	13358.7	15892.1	18199.6	20392.0	22294.2	23891.7
15°	3216.8	4701.3	6949.7	9665.7	12497.0	15291.5	17966.1	20472.6	22752.0	24703.7	26205.4
12.5°	3670.6	5427.4	7991.7	11018.6	14086.7	17027.2	19844.4	22435.0	24754.7	26684.9	27853.9
10°	4099.5	6179.2	8998.7	12155.4	15343.0	18475.9	21483.9	24140.8	26294.5	27829.9	28826.3
7.5°	4464.2	6825.3	9817.9	13074.3	16341.0	19616.6	22661.4	25246.5	27232.3	28514.6	29208.2
5°	4736.5	7308.3	10426.0	13821.0	17173.1	20506.1	23527.2	25954.0	27670.3	28622.9	28971.2
2.5°	4910.0	7591.9	10778.9	14310.9	17730.0	21069.0	24121.1	26509.8	27966.1	28597.4	28657.4
0°	4979.4	7628.6	10833.3	14567.8	17870.3	21229.3	24290.0	26738.6	28076.0	28595.6	28585.3
-2.5°	4910.0	7591.9	10778.9	14310.9	17730.0	21069.0	24121.1	26509.8	27966.1	28597.4	28657.4
-5°	4736.5	7308.3	10426.0	13821.0	17173.1	20506.1	23527.2	25954.0	27670.3	28622.9	28971.2
-7.5°	4464.2	6825.3	9817.9	13074.3	16341.0	19616.6	22661.4	25246.5	27232.3	28514.6	29208.2
-10°	4099.5	6179.2	8998.7	12155.4	15343.0	18475.9	21483.9	24140.8	26294.5	27829.9	28826.3
-12.5°	3670.6	5427.4	7991.7	11018.6	14086.7	17027.2	19844.4	22435.0	24754.7	26684.9	27853.9
-15°	3216.8	4701.3	6949.7	9665.7	12497.0	15291.5	17966.1	20472.6	22752.0	24703.7	26205.4
-17.5°	2876.6	4053.4	5776.2	8092.0	10709.5	13358.7	15892.1	18199.6	20392.0	22294.2	23891.7
-20°	2477.4	3317.7	4678.1	6608.6	8872.6	11290.6	13702.0	15828.4	17760.8	19558.4	21087.4



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2162.5	2834.0	3786.6	5081.2	7061.0	9183.3	11319.0	13315.2	15070.2	16655.6	18012.2
-25°	1873.0	2339.9	3054.4	4053.9	5325.3	7096.0	8917.2	10727.0	12372.3	13796.1	15049.2
-27.5°	1648.7	2002.0	2464.1	3142.9	4083.0	5117.1	6638.5	8104.8	9634.7	10994.7	12128.9
-30°	1456.6	1703.2	2055.0	2475.7	3078.8	3817.9	4686.3	5766.5	6948.7	8046.4	9128.0
-32.5°	1324.1	1486.1	1716.3	2023.0	2346.4	2848.8	3341.4	4044.8	4696.0	5477.0	6319.8
-35°	1205.0	1331.1	1472.1	1670.7	1889.5	2166.2	2476.6	2881.7	3229.1	3721.8	4192.7
-37.5°	1112.6	1202.8	1309.9	1422.1	1576.7	1724.3	1923.3	2133.0	2323.3	2615.4	2861.2
-40°	1041.5	1100.0	1176.9	1257.5	1356.6	1445.4	1565.8	1673.0	1793.1	1944.9	2070.4
-42.5°	982.3	1028.1	1071.8	1131.8	1194.6	1259.1	1328.9	1388.4	1466.7	1546.3	1610.6
-45°	932.5	969.2	1004.8	1042.2	1073.8	1121.1	1164.9	1202.6	1252.7	1298.1	1334.2
-47.5°	890.2	918.9	950.1	979.5	1002.3	1027.4	1050.8	1074.5	1105.7	1131.9	1151.4
-50°	849.8	874.7	900.5	924.5	943.7	960.6	974.7	990.6	1007.4	1021.3	1030.1
-52.5°	811.4	835.1	855.8	873.7	891.8	906.6	918.2	929.5	939.4	947.3	950.7
-55°	776.1	797.2	818.3	833.8	847.5	860.0	870.6	878.9	885.8	891.2	892.5
-57.5°	736.7	757.2	776.1	790.4	804.3	817.7	827.3	833.7	838.9	842.7	844.2
-60°	689.6	712.6	727.3	739.2	752.6	767.1	775.2	782.0	787.8	793.0	797.5
-62.5°	632.0	651.4	665.4	677.1	687.9	697.2	708.2	717.3	724.3	730.7	738.0
-65°	565.5	584.7	597.3	607.1	614.6	623.0	636.5	647.2	655.4	661.9	667.8
-67.5°	498.1	516.4	529.0	539.3	547.3	555.7	567.8	578.6	588.3	594.8	599.0
-70°	429.3	446.9	460.6	472.0	480.8	489.3	498.9	508.0	516.6	521.4	523.2
-72.5°	360.8	375.6	389.0	401.0	411.3	419.9	427.3	433.8	439.2	442.6	444.7
-75°	295.0	307.1	318.4	328.9	338.6	346.9	354.0	359.9	364.8	367.2	368.5
-77.5°	232.5	241.5	249.6	257.3	264.5	271.7	278.3	284.2	289.3	290.5	290.2
-80°	173.6	179.8	185.0	189.8	194.1	199.1	203.7	207.7	211.3	213.2	214.4
-82.5°	117.8	121.6	124.8	127.8	130.4	134.1	137.5	140.4	142.8	144.7	146.3
-85°	66.9	68.4	69.7	70.8	71.7	74.9	78.0	80.8	83.5	83.5	83.1
-87.5°	25.3	25.0	24.5	24.0	23.3	24.9	26.6	28.2	29.8	28.9	27.9
-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: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	26.8	25.6	25.7	25.7	25.7	25.6	26.8	27.9	28.9	29.8	28.2
85°	82.6	81.9	79.7	77.2	79.7	81.9	82.6	83.1	83.5	83.5	80.8
82.5°	147.5	148.4	146.4	144.0	146.4	148.4	147.5	146.3	144.7	142.8	140.4
80°	215.0	215.0	213.2	210.9	213.2	215.0	215.0	214.4	213.2	211.3	207.7
77.5°	289.0	286.9	287.7	288.1	287.7	286.9	289.0	290.2	290.5	289.3	284.2
75°	369.0	368.7	367.4	365.2	367.4	368.7	369.0	368.5	367.2	364.8	359.9
72.5°	445.7	445.6	444.5	442.4	444.5	445.6	445.7	444.7	442.6	439.2	433.8
70°	523.7	522.7	524.1	524.7	524.1	522.7	523.7	523.2	521.4	516.6	508.0
67.5°	602.2	604.3	603.9	601.8	603.9	604.3	602.2	599.0	594.8	588.3	578.6
65°	672.6	676.1	678.2	679.0	678.2	676.1	672.6	667.8	661.9	655.4	647.2
62.5°	743.7	747.7	748.0	745.9	748.0	747.7	743.7	738.0	730.7	724.3	717.3
60°	800.0	800.7	799.7	797.3	799.7	800.7	800.0	797.5	793.0	787.8	782.0
57.5°	844.2	842.7	841.0	838.5	841.0	842.7	844.2	844.2	842.7	838.9	833.7
55°	891.8	889.3	887.2	884.8	887.2	889.3	891.8	892.5	891.2	885.8	878.9
52.5°	951.4	950.1	948.7	946.5	948.7	950.1	951.4	950.7	947.3	939.4	929.5
50°	1034.5	1035.8	1035.7	1033.9	1035.7	1035.8	1034.5	1030.1	1021.3	1007.4	990.6
47.5°	1163.7	1170.6	1175.2	1178.0	1175.2	1170.6	1163.7	1151.4	1131.9	1105.7	1074.5
45°	1357.3	1371.0	1380.7	1388.9	1380.7	1371.0	1357.3	1334.2	1298.1	1252.7	1202.6
42.5°	1655.9	1686.7	1701.3	1697.5	1701.3	1686.7	1655.9	1610.6	1546.3	1466.7	1388.4
40°	2154.0	2203.7	2231.2	2253.1	2231.2	2203.7	2154.0	2070.4	1944.9	1793.1	1673.0
37.5°	3028.9	3125.3	3176.1	3220.2	3176.1	3125.3	3028.9	2861.2	2615.4	2323.3	2133.0
35°	4544.5	4761.2	4877.3	4917.7	4877.3	4761.2	4544.5	4192.7	3721.8	3229.1	2881.7
32.5°	6975.7	7375.5	7596.7	7767.5	7596.7	7375.5	6975.7	6319.8	5477.0	4696.0	4044.8
30°	9984.5	10511.2	10803.7	10946.5	10803.7	10511.2	9984.5	9128.0	8046.4	6948.7	5766.5
27.5°	13069.0	13667.7	13983.0	13966.0	13983.0	13667.7	13069.0	12128.9	10994.7	9634.7	8104.8
25°	16123.6	16817.1	17131.3	17412.5	17131.3	16817.1	16123.6	15049.2	13796.1	12372.3	10727.0
22.5°	19213.0	20023.9	20466.3	20673.8	20466.3	20023.9	19213.0	18012.2	16655.6	15070.2	13315.2
20°	22265.6	23168.3	23638.0	23842.5	23638.0	23168.3	22265.6	21087.4	19558.4	17760.8	15828.4
17.5°	24973.0	25854.2	26301.9	26491.7	26301.9	25854.2	24973.0	23891.7	22294.2	20392.0	18199.6
15°	27134.8	27784.8	28165.5	28266.3	28165.5	27784.8	27134.8	26205.4	24703.7	22752.0	20472.6
12.5°	28629.2	28880.9	29064.0	29120.2	29064.0	28880.9	28629.2	27853.9	26684.9	24754.7	22435.0
10°	29393.2	29279.6	29232.6	29238.6	29232.6	29279.6	29393.2	28826.3	27829.9	26294.5	24140.8
7.5°	29340.6	29172.4	28834.5	28780.7	28834.5	29172.4	29340.6	29208.2	28514.6	27232.3	25246.5
5°	28919.1	28612.8	28052.1	27890.8	28052.1	28612.8	28919.1	28971.2	28622.9	27670.3	25954.0
2.5°	28427.7	27875.6	27359.0	27026.6	27359.0	27875.6	28427.7	28657.4	28597.4	27966.1	26509.8
0°	28281.8	27643.9	26975.2	26759.1	26975.2	27643.9	28281.8	28585.3	28595.6	28076.0	26738.6
-2.5°	28427.7	27875.6	27359.0	27026.6	27359.0	27875.6	28427.7	28657.4	28597.4	27966.1	26509.8
-5°	28919.1	28612.8	28052.1	27890.8	28052.1	28612.8	28919.1	28971.2	28622.9	27670.3	25954.0
-7.5°	29340.6	29172.4	28834.5	28780.7	28834.5	29172.4	29340.6	29208.2	28514.6	27232.3	25246.5
-10°	29393.2	29279.6	29232.6	29238.6	29232.6	29279.6	29393.2	28826.3	27829.9	26294.5	24140.8
-12.5°	28629.2	28880.9	29064.0	29120.2	29064.0	28880.9	28629.2	27853.9	26684.9	24754.7	22435.0
-15°	27134.8	27784.8	28165.5	28266.3	28165.5	27784.8	27134.8	26205.4	24703.7	22752.0	20472.6
-17.5°	24973.0	25854.2	26301.9	26491.7	26301.9	25854.2	24973.0	23891.7	22294.2	20392.0	18199.6
-20°	22265.6	23168.3	23638.0	23842.5	23638.0	23168.3	22265.6	21087.4	19558.4	17760.8	15828.4



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	19213.0	20023.9	20466.3	20673.8	20466.3	20023.9	19213.0	18012.2	16655.6	15070.2	13315.2
-25°	16123.6	16817.1	17131.3	17412.5	17131.3	16817.1	16123.6	15049.2	13796.1	12372.3	10727.0
-27.5°	13069.0	13667.7	13983.0	13966.0	13983.0	13667.7	13069.0	12128.9	10994.7	9634.7	8104.8
-30°	9984.5	10511.2	10803.7	10946.5	10803.7	10511.2	9984.5	9128.0	8046.4	6948.7	5766.5
-32.5°	6975.7	7375.5	7596.7	7767.5	7596.7	7375.5	6975.7	6319.8	5477.0	4696.0	4044.8
-35°	4544.5	4761.2	4877.3	4917.7	4877.3	4761.2	4544.5	4192.7	3721.8	3229.1	2881.7
-37.5°	3028.9	3125.3	3176.1	3220.2	3176.1	3125.3	3028.9	2861.2	2615.4	2323.3	2133.0
-40°	2154.0	2203.7	2231.2	2253.1	2231.2	2203.7	2154.0	2070.4	1944.9	1793.1	1673.0
-42.5°	1655.9	1686.7	1701.3	1697.5	1701.3	1686.7	1655.9	1610.6	1546.3	1466.7	1388.4
-45°	1357.3	1371.0	1380.7	1388.9	1380.7	1371.0	1357.3	1334.2	1298.1	1252.7	1202.6
-47.5°	1163.7	1170.6	1175.2	1178.0	1175.2	1170.6	1163.7	1151.4	1131.9	1105.7	1074.5
-50°	1034.5	1035.8	1035.7	1033.9	1035.7	1035.8	1034.5	1030.1	1021.3	1007.4	990.6
-52.5°	951.4	950.1	948.7	946.5	948.7	950.1	951.4	950.7	947.3	939.4	929.5
-55°	891.8	889.3	887.2	884.8	887.2	889.3	891.8	892.5	891.2	885.8	878.9
-57.5°	844.2	842.7	841.0	838.5	841.0	842.7	844.2	844.2	842.7	838.9	833.7
-60°	800.0	800.7	799.7	797.3	799.7	800.7	800.0	797.5	793.0	787.8	782.0
-62.5°	743.7	747.7	748.0	745.9	748.0	747.7	743.7	738.0	730.7	724.3	717.3
-65°	672.6	676.1	678.2	679.0	678.2	676.1	672.6	667.8	661.9	655.4	647.2
-67.5°	602.2	604.3	603.9	601.8	603.9	604.3	602.2	599.0	594.8	588.3	578.6
-70°	523.7	522.7	524.1	524.7	524.1	522.7	523.7	523.2	521.4	516.6	508.0
-72.5°	445.7	445.6	444.5	442.4	444.5	445.6	445.7	444.7	442.6	439.2	433.8
-75°	369.0	368.7	367.4	365.2	367.4	368.7	369.0	368.5	367.2	364.8	359.9
-77.5°	289.0	286.9	287.7	288.1	287.7	286.9	289.0	290.2	290.5	289.3	284.2
-80°	215.0	215.0	213.2	210.9	213.2	215.0	215.0	214.4	213.2	211.3	207.7
-82.5°	147.5	148.4	146.4	144.0	146.4	148.4	147.5	146.3	144.7	142.8	140.4
-85°	82.6	81.9	79.7	77.2	79.7	81.9	82.6	83.1	83.5	83.5	80.8
-87.5°	26.8	25.6	25.7	25.7	25.7	25.6	26.8	27.9	28.9	29.8	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: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	26.6	24.9	23.3	24.0	24.5	25.0	25.3	24.5	23.7	22.8	21.8
85°	78.0	74.9	71.7	70.8	69.7	68.4	66.9	64.0	60.9	57.7	54.3
82.5°	137.5	134.1	130.4	127.8	124.8	121.6	117.8	112.1	106.4	100.6	94.7
80°	203.7	199.1	194.1	189.8	185.0	179.8	173.6	164.9	155.7	146.6	138.2
77.5°	278.3	271.7	264.5	257.3	249.6	241.5	232.5	221.4	210.3	198.6	186.7
75°	354.0	346.9	338.6	328.9	318.4	307.1	295.0	281.6	267.6	252.9	238.0
72.5°	427.3	419.9	411.3	401.0	389.0	375.6	360.8	344.4	327.2	309.2	291.5
70°	498.9	489.3	480.8	472.0	460.6	446.9	429.3	409.7	389.0	368.1	347.6
67.5°	567.8	555.7	547.3	539.3	529.0	516.4	498.1	476.9	453.7	429.4	405.2
65°	636.5	623.0	614.6	607.1	597.3	584.7	565.5	543.9	519.4	492.3	464.2
62.5°	708.2	697.2	687.9	677.1	665.4	651.4	632.0	609.4	584.7	556.2	523.6
60°	775.2	767.1	752.6	739.2	727.3	712.6	689.6	667.9	647.7	615.0	579.9
57.5°	827.3	817.7	804.3	790.4	776.1	757.2	736.7	716.2	692.7	665.1	632.5
55°	870.6	860.0	847.5	833.8	818.3	797.2	776.1	754.2	731.6	708.6	676.7
52.5°	918.2	906.6	891.8	873.7	855.8	835.1	811.4	788.1	767.0	743.5	717.4
50°	974.7	960.6	943.7	924.5	900.5	874.7	849.8	822.6	800.5	777.6	751.0
47.5°	1050.8	1027.4	1002.3	979.5	950.1	918.9	890.2	862.2	836.0	811.3	784.2
45°	1164.9	1121.1	1073.8	1042.2	1004.8	969.2	932.5	901.0	870.9	843.1	817.6
42.5°	1328.9	1259.1	1194.6	1131.8	1071.8	1028.1	982.3	943.2	906.9	873.9	844.0
40°	1565.8	1445.4	1356.6	1257.5	1176.9	1100.0	1041.5	988.2	946.2	906.9	870.7
37.5°	1923.3	1724.3	1576.7	1422.1	1309.9	1202.8	1112.6	1043.2	986.2	940.7	898.5
35°	2476.6	2166.2	1889.5	1670.7	1472.1	1331.1	1205.0	1107.8	1034.8	975.4	926.1
32.5°	3341.4	2848.8	2346.4	2023.0	1716.3	1486.1	1324.1	1190.2	1086.9	1016.1	956.9
30°	4686.3	3817.9	3078.8	2475.7	2055.0	1703.2	1456.6	1292.9	1160.7	1057.3	988.1
27.5°	6638.5	5117.1	4083.0	3142.9	2464.1	2002.0	1648.7	1402.8	1238.4	1115.1	1024.0
25°	8917.2	7096.0	5325.3	4053.9	3054.4	2339.9	1873.0	1556.7	1334.5	1175.3	1055.4
22.5°	11319.0	9183.3	7061.0	5081.2	3786.6	2834.0	2162.5	1712.0	1425.3	1239.4	1101.3
20°	13702.0	11290.6	8872.6	6608.6	4678.1	3317.7	2477.4	1918.0	1552.1	1311.3	1144.7
17.5°	15892.1	13358.7	10709.5	8092.0	5776.2	4053.4	2876.6	2126.2	1662.7	1375.2	1182.3
15°	17966.1	15291.5	12497.0	9665.7	6949.7	4701.3	3216.8	2307.7	1777.8	1449.4	1231.5
12.5°	19844.4	17027.2	14086.7	11018.6	7991.7	5427.4	3670.6	2575.1	1919.1	1526.4	1277.9
10°	21483.9	18475.9	15343.0	12155.4	8998.7	6179.2	4099.5	2803.2	2041.5	1590.3	1315.8
7.5°	22661.4	19616.6	16341.0	13074.3	9817.9	6825.3	4464.2	2983.7	2137.6	1639.2	1345.0
5°	23527.2	20506.1	17173.1	13821.0	10426.0	7308.3	4736.5	3110.7	2206.3	1673.1	1365.3
2.5°	24121.1	21069.0	17730.0	14310.9	10778.9	7591.9	4910.0	3179.0	2238.8	1699.6	1376.5
0°	24290.0	21229.3	17870.3	14567.8	10833.3	7628.6	4979.4	3189.3	2237.6	1713.0	1378.6
-2.5°	24121.1	21069.0	17730.0	14310.9	10778.9	7591.9	4910.0	3179.0	2238.8	1699.6	1376.5
-5°	23527.2	20506.1	17173.1	13821.0	10426.0	7308.3	4736.5	3110.7	2206.3	1673.1	1365.3
-7.5°	22661.4	19616.6	16341.0	13074.3	9817.9	6825.3	4464.2	2983.7	2137.6	1639.2	1345.0
-10°	21483.9	18475.9	15343.0	12155.4	8998.7	6179.2	4099.5	2803.2	2041.5	1590.3	1315.8
-12.5°	19844.4	17027.2	14086.7	11018.6	7991.7	5427.4	3670.6	2575.1	1919.1	1526.4	1277.9
-15°	17966.1	15291.5	12497.0	9665.7	6949.7	4701.3	3216.8	2307.7	1777.8	1449.4	1231.5
-17.5°	15892.1	13358.7	10709.5	8092.0	5776.2	4053.4	2876.6	2126.2	1662.7	1375.2	1182.3
-20°	13702.0	11290.6	8872.6	6608.6	4678.1	3317.7	2477.4	1918.0	1552.1	1311.3	1144.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11319.0	9183.3	7061.0	5081.2	3786.6	2834.0	2162.5	1712.0	1425.3	1239.4	1101.3
-25°	8917.2	7096.0	5325.3	4053.9	3054.4	2339.9	1873.0	1556.7	1334.5	1175.3	1055.4
-27.5°	6638.5	5117.1	4083.0	3142.9	2464.1	2002.0	1648.7	1402.8	1238.4	1115.1	1024.0
-30°	4686.3	3817.9	3078.8	2475.7	2055.0	1703.2	1456.6	1292.9	1160.7	1057.3	988.1
-32.5°	3341.4	2848.8	2346.4	2023.0	1716.3	1486.1	1324.1	1190.2	1086.9	1016.1	956.9
-35°	2476.6	2166.2	1889.5	1670.7	1472.1	1331.1	1205.0	1107.8	1034.8	975.4	926.1
-37.5°	1923.3	1724.3	1576.7	1422.1	1309.9	1202.8	1112.6	1043.2	986.2	940.7	898.5
-40°	1565.8	1445.4	1356.6	1257.5	1176.9	1100.0	1041.5	988.2	946.2	906.9	870.7
-42.5°	1328.9	1259.1	1194.6	1131.8	1071.8	1028.1	982.3	943.2	906.9	873.9	844.0
-45°	1164.9	1121.1	1073.8	1042.2	1004.8	969.2	932.5	901.0	870.9	843.1	817.6
-47.5°	1050.8	1027.4	1002.3	979.5	950.1	918.9	890.2	862.2	836.0	811.3	784.2
-50°	974.7	960.6	943.7	924.5	900.5	874.7	849.8	822.6	800.5	777.6	751.0
-52.5°	918.2	906.6	891.8	873.7	855.8	835.1	811.4	788.1	767.0	743.5	717.4
-55°	870.6	860.0	847.5	833.8	818.3	797.2	776.1	754.2	731.6	708.6	676.7
-57.5°	827.3	817.7	804.3	790.4	776.1	757.2	736.7	716.2	692.7	665.1	632.5
-60°	775.2	767.1	752.6	739.2	727.3	712.6	689.6	667.9	647.7	615.0	579.9
-62.5°	708.2	697.2	687.9	677.1	665.4	651.4	632.0	609.4	584.7	556.2	523.6
-65°	636.5	623.0	614.6	607.1	597.3	584.7	565.5	543.9	519.4	492.3	464.2
-67.5°	567.8	555.7	547.3	539.3	529.0	516.4	498.1	476.9	453.7	429.4	405.2
-70°	498.9	489.3	480.8	472.0	460.6	446.9	429.3	409.7	389.0	368.1	347.6
-72.5°	427.3	419.9	411.3	401.0	389.0	375.6	360.8	344.4	327.2	309.2	291.5
-75°	354.0	346.9	338.6	328.9	318.4	307.1	295.0	281.6	267.6	252.9	238.0
-77.5°	278.3	271.7	264.5	257.3	249.6	241.5	232.5	221.4	210.3	198.6	186.7
-80°	203.7	199.1	194.1	189.8	185.0	179.8	173.6	164.9	155.7	146.6	138.2
-82.5°	137.5	134.1	130.4	127.8	124.8	121.6	117.8	112.1	106.4	100.6	94.7
-85°	78.0	74.9	71.7	70.8	69.7	68.4	66.9	64.0	60.9	57.7	54.3
-87.5°	26.6	24.9	23.3	24.0	24.5	25.0	25.3	24.5	23.7	22.8	21.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.3	9.7	8.1
85°	50.7	47.0	43.1	39.2	35.0	30.9	28.5	26.1	22.6	19.3	16.2
82.5°	88.9	83.2	77.4	71.4	64.4	57.6	51.0	44.4	37.2	29.5	24.2
80°	130.3	122.2	113.8	105.0	94.9	84.2	75.0	66.0	57.1	47.8	37.8
77.5°	175.4	163.5	151.3	140.0	128.4	115.9	102.7	88.9	77.0	65.9	54.1
75°	223.4	209.0	194.3	179.1	163.4	147.5	132.4	116.5	100.6	84.4	70.4
72.5°	274.4	256.6	238.1	219.2	201.0	182.2	163.1	143.9	125.3	106.5	87.3
70°	326.7	305.0	283.5	262.2	239.9	216.8	194.9	172.3	149.8	128.3	106.5
67.5°	380.1	355.7	330.4	305.3	280.5	254.5	227.0	200.6	174.9	149.8	125.3
65°	436.3	407.4	377.7	349.2	320.9	292.4	262.4	229.5	199.6	171.4	143.9
62.5°	491.5	459.9	426.6	392.7	360.5	329.0	297.1	260.5	224.4	192.5	162.1
60°	545.1	509.7	473.8	436.3	399.6	364.4	328.9	290.7	251.3	213.1	179.9
57.5°	594.2	557.0	517.0	477.5	438.0	398.9	359.8	319.2	277.4	235.5	197.2
55°	640.4	599.9	558.0	515.4	473.9	432.3	389.8	346.5	302.6	257.8	214.2
52.5°	683.6	641.3	596.9	551.6	506.7	463.8	418.9	373.0	326.5	279.3	232.8
50°	721.4	681.7	634.8	586.9	538.2	492.8	447.2	398.7	349.6	300.0	251.0
47.5°	753.3	716.7	671.4	621.0	569.8	521.3	473.7	423.5	371.9	319.8	268.5
45°	784.3	749.1	705.2	653.8	601.0	549.7	499.3	447.4	393.3	338.9	285.2
42.5°	813.5	778.3	737.3	685.4	630.8	577.1	524.0	469.9	413.9	357.1	301.0
40°	838.3	803.8	767.5	715.7	658.9	602.8	547.6	491.7	433.5	374.4	316.0
37.5°	862.4	827.2	789.7	744.2	685.3	627.1	569.7	512.5	452.4	391.2	330.2
35°	885.8	849.3	809.7	766.4	709.7	649.6	590.4	532.0	470.1	407.1	343.4
32.5°	906.7	869.2	828.0	784.3	732.3	670.5	609.5	549.1	486.6	422.2	355.7
30°	931.6	885.9	844.5	802.0	751.6	689.5	627.1	565.1	501.8	436.5	367.2
27.5°	955.4	902.0	859.3	816.6	766.8	706.9	643.5	579.8	515.7	449.5	378.6
25°	978.4	920.3	873.0	828.9	781.4	723.4	658.5	593.3	527.9	460.8	389.2
22.5°	1004.9	937.1	885.9	839.5	795.3	738.4	672.1	605.6	538.8	471.0	398.8
20°	1028.5	951.0	897.7	849.6	805.7	749.7	684.3	616.5	548.5	479.9	407.5
17.5°	1051.4	966.8	909.3	859.2	813.5	759.6	694.9	626.0	557.1	487.7	415.2
15°	1083.4	984.8	919.3	867.5	820.1	768.1	704.0	634.2	564.3	494.3	422.2
12.5°	1110.7	999.8	927.6	874.2	825.5	775.1	711.6	641.0	570.4	500.2	428.3
10°	1132.9	1011.9	934.1	879.4	829.6	780.6	717.5	646.7	576.0	505.3	433.4
7.5°	1149.8	1020.9	938.7	883.1	832.5	784.6	723.1	651.8	580.6	509.3	437.3
5°	1161.3	1026.7	942.6	885.2	834.0	787.0	727.1	655.5	583.8	512.1	440.1
2.5°	1167.3	1029.4	945.5	885.8	834.3	787.8	729.6	657.7	585.7	513.8	441.8
0°	1167.7	1028.8	946.5	884.8	833.3	787.0	730.4	658.4	586.4	514.4	442.4
-2.5°	1167.3	1029.4	945.5	885.8	834.3	787.8	729.6	657.7	585.7	513.8	441.8
-5°	1161.3	1026.7	942.6	885.2	834.0	787.0	727.1	655.5	583.8	512.1	440.1
-7.5°	1149.8	1020.9	938.7	883.1	832.5	784.6	723.1	651.8	580.6	509.3	437.3
-10°	1132.9	1011.9	934.1	879.4	829.6	780.6	717.5	646.7	576.0	505.3	433.4
-12.5°	1110.7	999.8	927.6	874.2	825.5	775.1	711.6	641.0	570.4	500.2	428.3
-15°	1083.4	984.8	919.3	867.5	820.1	768.1	704.0	634.2	564.3	494.3	422.2
-17.5°	1051.4	966.8	909.3	859.2	813.5	759.6	694.9	626.0	557.1	487.7	415.2
-20°	1028.5	951.0	897.7	849.6	805.7	749.7	684.3	616.5	548.5	479.9	407.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	1004.9	937.1	885.9	839.5	795.3	738.4	672.1	605.6	538.8	471.0	398.8
-25°	978.4	920.3	873.0	828.9	781.4	723.4	658.5	593.3	527.9	460.8	389.2
-27.5°	955.4	902.0	859.3	816.6	766.8	706.9	643.5	579.8	515.7	449.5	378.6
-30°	931.6	885.9	844.5	802.0	751.6	689.5	627.1	565.1	501.8	436.5	367.2
-32.5°	906.7	869.2	828.0	784.3	732.3	670.5	609.5	549.1	486.6	422.2	355.7
-35°	885.8	849.3	809.7	766.4	709.7	649.6	590.4	532.0	470.1	407.1	343.4
-37.5°	862.4	827.2	789.7	744.2	685.3	627.1	569.7	512.5	452.4	391.2	330.2
-40°	838.3	803.8	767.5	715.7	658.9	602.8	547.6	491.7	433.5	374.4	316.0
-42.5°	813.5	778.3	737.3	685.4	630.8	577.1	524.0	469.9	413.9	357.1	301.0
-45°	784.3	749.1	705.2	653.8	601.0	549.7	499.3	447.4	393.3	338.9	285.2
-47.5°	753.3	716.7	671.4	621.0	569.8	521.3	473.7	423.5	371.9	319.8	268.5
-50°	721.4	681.7	634.8	586.9	538.2	492.8	447.2	398.7	349.6	300.0	251.0
-52.5°	683.6	641.3	596.9	551.6	506.7	463.8	418.9	373.0	326.5	279.3	232.8
-55°	640.4	599.9	558.0	515.4	473.9	432.3	389.8	346.5	302.6	257.8	214.2
-57.5°	594.2	557.0	517.0	477.5	438.0	398.9	359.8	319.2	277.4	235.5	197.2
-60°	545.1	509.7	473.8	436.3	399.6	364.4	328.9	290.7	251.3	213.1	179.9
-62.5°	491.5	459.9	426.6	392.7	360.5	329.0	297.1	260.5	224.4	192.5	162.1
-65°	436.3	407.4	377.7	349.2	320.9	292.4	262.4	229.5	199.6	171.4	143.9
-67.5°	380.1	355.7	330.4	305.3	280.5	254.5	227.0	200.6	174.9	149.8	125.3
-70°	326.7	305.0	283.5	262.2	239.9	216.8	194.9	172.3	149.8	128.3	106.5
-72.5°	274.4	256.6	238.1	219.2	201.0	182.2	163.1	143.9	125.3	106.5	87.3
-75°	223.4	209.0	194.3	179.1	163.4	147.5	132.4	116.5	100.6	84.4	70.4
-77.5°	175.4	163.5	151.3	140.0	128.4	115.9	102.7	88.9	77.0	65.9	54.1
-80°	130.3	122.2	113.8	105.0	94.9	84.2	75.0	66.0	57.1	47.8	37.8
-82.5°	88.9	83.2	77.4	71.4	64.4	57.6	51.0	44.4	37.2	29.5	24.2
-85°	50.7	47.0	43.1	39.2	35.0	30.9	28.5	26.1	22.6	19.3	16.2
-87.5°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.3	9.7	8.1
-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: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
80°	27.4	22.1	17.8	13.4	8.9	4.5	0.0
77.5°	41.8	29.9	22.1	16.6	11.1	5.6	0.0
75°	56.1	41.8	27.4	19.9	13.3	6.6	0.0
72.5°	70.2	53.6	36.9	23.1	15.4	7.7	0.0
70°	84.4	65.2	46.2	27.0	17.6	8.8	0.0
67.5°	100.5	76.7	55.4	33.9	19.6	9.8	0.0
65°	116.2	88.8	64.4	40.7	21.7	10.9	0.0
62.5°	131.5	101.4	73.2	47.3	23.7	11.9	0.0
60°	146.5	113.7	81.9	53.8	25.7	12.8	0.0
57.5°	161.4	125.7	91.3	60.1	29.8	13.8	0.0
55°	176.1	137.2	100.5	66.3	33.8	14.7	0.0
52.5°	190.4	148.6	109.3	72.3	37.7	15.6	0.0
50°	204.4	160.3	117.9	78.1	41.5	16.5	0.0
47.5°	218.1	171.6	126.0	83.8	45.1	17.4	0.0
45°	232.4	182.5	133.9	89.6	48.5	18.2	0.0
42.5°	245.9	193.0	141.3	95.2	51.7	18.9	0.0
40°	258.8	203.2	148.9	100.4	54.8	19.7	0.0
37.5°	270.9	212.8	156.5	105.2	57.7	20.4	0.0
35°	282.3	222.2	163.8	109.7	60.4	21.1	0.0
32.5°	292.9	231.1	170.7	113.9	62.9	21.7	0.0
30°	302.7	239.4	177.1	117.8	65.2	22.3	0.0
27.5°	311.7	247.0	182.8	121.4	67.4	22.8	0.0
25°	319.9	253.9	188.0	124.7	69.3	23.3	0.0
22.5°	327.2	260.1	192.7	127.7	71.0	23.7	0.0
20°	333.7	265.4	196.9	130.3	72.5	24.1	0.0
17.5°	339.6	269.9	200.5	132.6	73.8	24.5	0.0
15°	344.8	273.8	203.7	134.5	74.9	24.8	0.0
12.5°	349.4	277.1	206.2	136.2	75.8	25.1	0.0
10°	353.2	279.6	208.3	137.4	76.5	25.3	0.0
7.5°	356.2	281.5	209.8	138.3	77.0	25.5	0.0
5°	358.3	282.7	210.7	138.9	77.2	25.6	0.0
2.5°	359.7	283.1	211.1	139.1	77.3	25.7	0.0
0°	360.1	282.9	210.9	138.9	77.2	25.7	0.0
-2.5°	359.7	283.1	211.1	139.1	77.3	25.7	0.0
-5°	358.3	282.7	210.7	138.9	77.2	25.6	0.0
-7.5°	356.2	281.5	209.8	138.3	77.0	25.5	0.0
-10°	353.2	279.6	208.3	137.4	76.5	25.3	0.0
-12.5°	349.4	277.1	206.2	136.2	75.8	25.1	0.0
-15°	344.8	273.8	203.7	134.5	74.9	24.8	0.0
-17.5°	339.6	269.9	200.5	132.6	73.8	24.5	0.0
-20°	333.7	265.4	196.9	130.3	72.5	24.1	0.0

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REPORT NUMBER: P627797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	327.2	260.1	192.7	127.7	71.0	23.7	0.0
-25°	319.9	253.9	188.0	124.7	69.3	23.3	0.0
-27.5°	311.7	247.0	182.8	121.4	67.4	22.8	0.0
-30°	302.7	239.4	177.1	117.8	65.2	22.3	0.0
-32.5°	292.9	231.1	170.7	113.9	62.9	21.7	0.0
-35°	282.3	222.2	163.8	109.7	60.4	21.1	0.0
-37.5°	270.9	212.8	156.5	105.2	57.7	20.4	0.0
-40°	258.8	203.2	148.9	100.4	54.8	19.7	0.0
-42.5°	245.9	193.0	141.3	95.2	51.7	18.9	0.0
-45°	232.4	182.5	133.9	89.6	48.5	18.2	0.0
-47.5°	218.1	171.6	126.0	83.8	45.1	17.4	0.0
-50°	204.4	160.3	117.9	78.1	41.5	16.5	0.0
-52.5°	190.4	148.6	109.3	72.3	37.7	15.6	0.0
-55°	176.1	137.2	100.5	66.3	33.8	14.7	0.0
-57.5°	161.4	125.7	91.3	60.1	29.8	13.8	0.0
-60°	146.5	113.7	81.9	53.8	25.7	12.8	0.0
-62.5°	131.5	101.4	73.2	47.3	23.7	11.9	0.0
-65°	116.2	88.8	64.4	40.7	21.7	10.9	0.0
-67.5°	100.5	76.7	55.4	33.9	19.6	9.8	0.0
-70°	84.4	65.2	46.2	27.0	17.6	8.8	0.0
-72.5°	70.2	53.6	36.9	23.1	15.4	7.7	0.0
-75°	56.1	41.8	27.4	19.9	13.3	6.6	0.0
-77.5°	41.8	29.9	22.1	16.6	11.1	5.6	0.0
-80°	27.4	22.1	17.8	13.4	8.9	4.5	0.0
-82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
-85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
-87.5°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)