

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: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

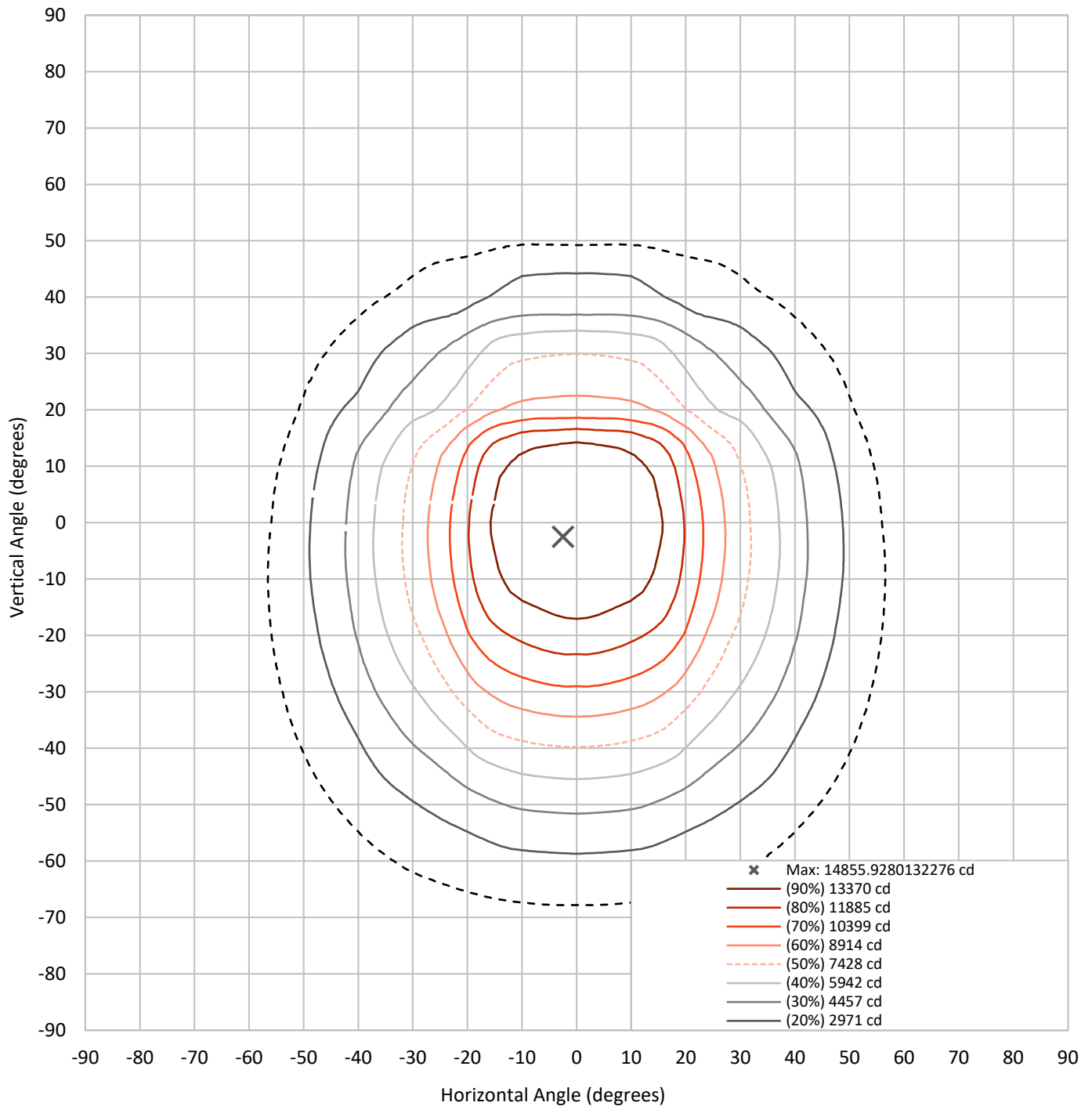
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19825.7 lumens	Max Intensity:	14855.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	11470.5 lumens	Field Lumens:	18813.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	185.2		
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





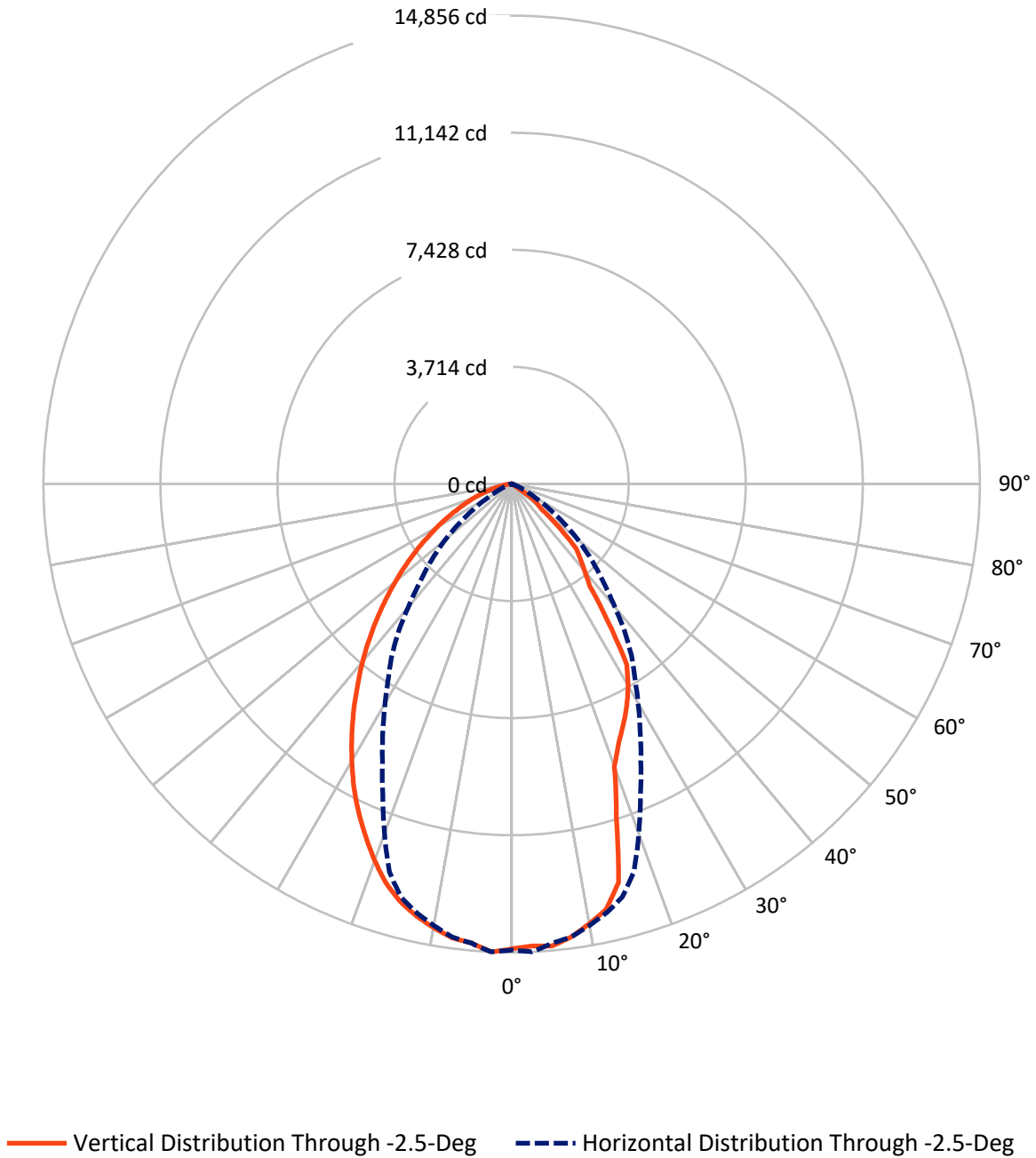
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### Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1									
70																			
60	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2				
50		0.2	0.4	1.8	5.4	10.4	15.5	19.3	19.3	15.5	10.4	5.4	1.8	0.4		0.2			
40	0.3	0.4	2.2	10.2	24.6	44.3	65.4	80.0	80.0	65.4	44.3	24.6	10.2	2.2	0.4	0.3			
30		1.0	7.4	25.8	57.4	93.2	139.7	163.3	163.3	139.7	93.2	57.4	25.8	7.4	1.0				
20	0.6	2.2	14.3	45.6	92.6	146.8	220.2	253.1	253.1	220.2	146.8	92.6	45.6	14.3	2.2	0.6			
10		3.8	21.9	67.5	133.4	219.5	326.8	374.8	374.8	326.8	219.5	133.4	67.5	21.9	3.8				
0	1.0	5.1	28.4	80.2	159.5	262.3	385.9	437.9	437.9	385.9	262.3	159.5	80.2	28.4	5.1	1.0			
-10		6.1	31.3	83.3	163.8	268.3	388.7	439.5	439.5	388.7	268.3	163.8	83.3	31.3	6.1				
-20	1.3	6.4	30.6	78.8	154.4	251.2	360.8	407.6	407.6	360.8	251.2	154.4	78.8	30.6	6.4	1.3			
-30		5.8	26.8	68.8	133.4	213.6	302.5	342.5	342.5	302.5	213.6	133.4	68.8	26.8	5.8				
-40	1.3	4.8	21.4	54.1	105.0	164.7	231.0	261.5	261.5	231.0	164.7	105.0	54.1	21.4	4.8	1.3			
-50		3.9	15.8	38.6	75.2	115.9	159.9	181.4	181.4	159.9	115.9	75.2	38.6	15.8	3.9				
-60	0.9	2.9	10.3	24.8	46.7	71.9	97.7	111.4	111.4	97.7	71.9	46.7	24.8	10.3	2.9	0.9			
-70		2.1	6.3	14.5	25.7	38.2	50.5	57.2	57.2	50.5	38.2	25.7	14.5	6.3	2.1				
-80	0.4	4.6	21.4	46.6	52.1	46.6	21.4	4.6	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

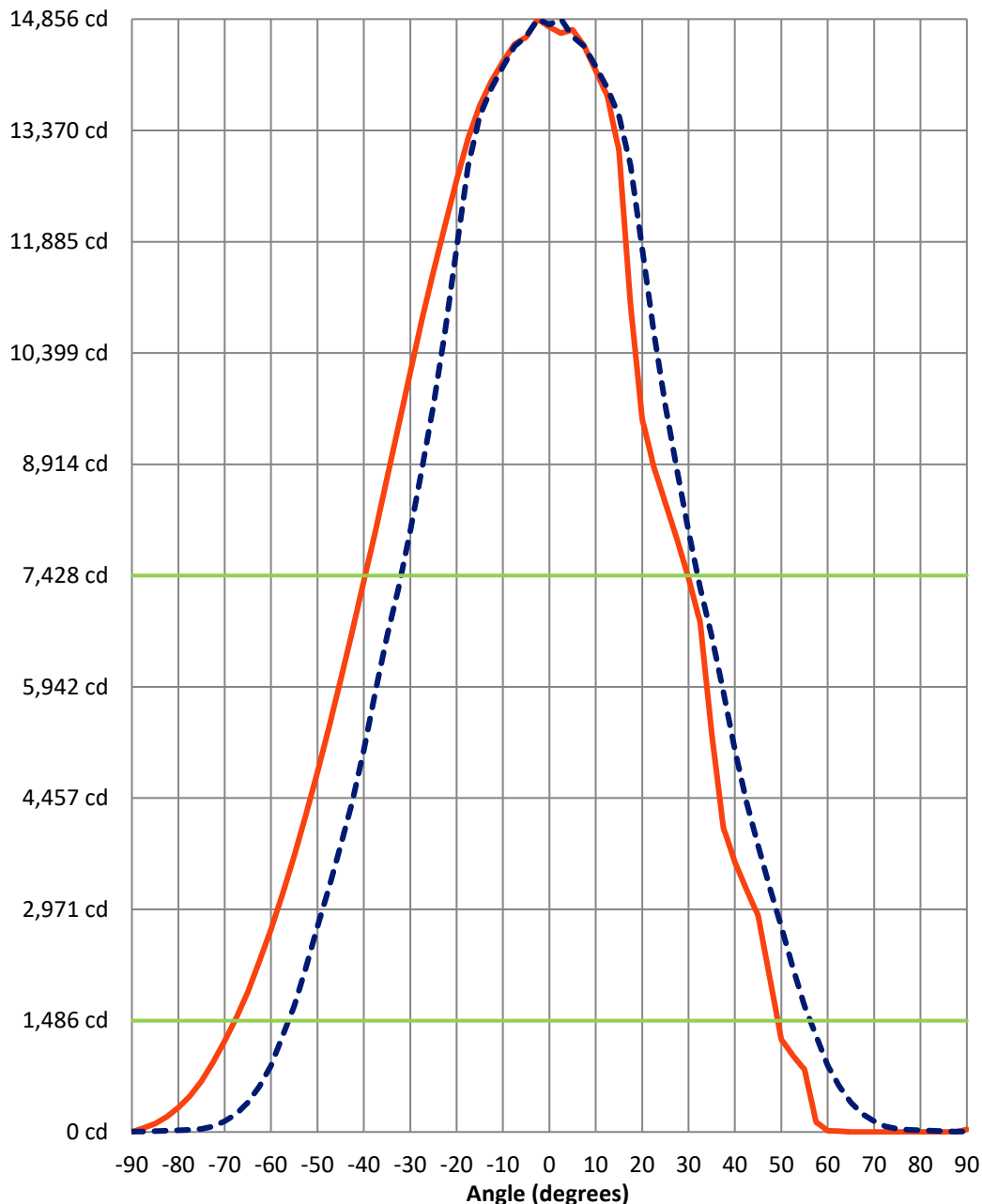
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 11470.5  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 18813.3  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1012.4  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-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°	5.5	5.5	5.5	6.9	8.3	9.7	11.1	12.5	13.9	15.2	16.6
87.5°	5.5	5.5	5.5	5.3	5.0	4.6	4.1	2.9	1.8	0.9	0.0
85°	5.5	5.5	5.5	5.1	4.6	3.7	2.7	1.7	0.9	0.3	0.0
82.5°	5.5	5.5	5.5	5.0	4.1	2.9	1.3	0.4	0.1	0.8	1.5
80°	5.5	5.5	5.5	4.8	3.7	2.0	0.3	1.1	2.0	2.9	3.8
77.5°	5.5	5.5	5.5	4.7	3.2	1.8	1.7	2.7	3.8	5.0	5.0
75°	5.5	5.5	5.5	4.5	3.0	2.7	3.1	4.3	5.4	4.5	2.9
72.5°	5.5	5.5	5.5	4.4	3.5	3.6	4.4	5.4	4.7	3.2	1.0
70°	5.5	5.5	5.5	4.4	4.0	4.4	5.5	5.2	4.0	2.1	2.5
67.5°	5.5	5.5	5.5	4.6	4.4	5.1	5.7	5.1	3.6	4.3	4.9
65°	5.5	5.5	5.5	4.8	4.8	5.7	5.9	5.0	5.5	6.4	6.8
62.5°	5.5	5.5	5.5	4.9	5.2	6.1	6.2	6.2	7.4	8.4	7.6
60°	5.5	5.5	5.5	5.1	5.5	6.6	6.6	7.9	9.4	9.6	8.6
57.5°	5.5	5.5	5.6	5.2	6.0	7.2	7.9	9.6	11.0	11.1	10.8
55°	5.5	5.5	5.6	5.3	6.6	7.7	9.3	11.2	12.6	12.8	13.5
52.5°	5.5	5.5	5.7	5.4	7.2	8.5	10.7	12.8	14.4	15.2	16.1
50°	5.5	5.5	5.9	5.5	7.8	9.6	12.0	14.4	16.4	17.6	18.7
47.5°	5.5	5.5	6.0	5.6	8.5	10.7	13.4	16.0	18.5	20.0	21.3
45°	5.5	5.5	6.2	6.1	9.1	11.8	14.7	17.5	20.5	22.3	23.8
42.5°	5.5	5.5	6.4	6.7	9.8	12.9	15.9	19.2	22.5	24.6	29.0
40°	5.5	5.5	6.6	7.3	10.6	13.9	17.2	21.1	24.7	26.8	34.6
37.5°	5.5	5.5	6.8	8.1	11.4	14.9	18.4	23.0	27.0	30.5	40.3
35°	5.5	5.5	7.0	8.8	12.2	15.8	19.5	25.0	29.5	37.5	51.3
32.5°	5.5	5.5	7.3	9.5	12.9	16.8	20.8	27.1	32.0	45.7	73.2
30°	5.5	5.5	7.5	10.2	13.6	17.7	22.5	29.2	34.6	55.1	94.5
27.5°	5.5	5.5	7.8	10.9	14.5	18.5	24.1	31.4	39.2	65.5	115.1
25°	5.5	5.5	8.1	11.5	15.3	19.3	25.8	33.6	47.3	80.6	135.3
22.5°	5.5	5.5	8.4	12.2	16.2	20.2	27.4	35.8	55.7	97.3	162.0
20°	5.5	5.5	8.7	12.8	17.0	21.2	29.0	37.9	64.5	113.1	188.5
17.5°	5.5	5.5	9.0	13.3	17.8	22.2	30.6	40.1	73.4	128.0	214.6
15°	5.5	5.5	9.4	13.9	18.5	23.1	32.1	42.9	82.4	142.0	239.9
12.5°	5.5	5.5	9.7	14.4	19.2	24.0	33.5	46.7	92.4	155.0	264.2
10°	5.5	5.5	10.0	14.9	19.9	24.8	34.8	50.8	102.9	170.1	288.5
7.5°	5.5	5.5	10.3	15.4	20.5	25.6	36.0	54.9	113.0	184.7	314.1
5°	5.5	5.5	10.6	15.8	21.1	26.4	37.1	58.9	122.4	198.3	337.6
2.5°	5.5	5.5	10.8	16.2	21.7	27.1	38.0	62.8	131.0	210.7	358.8
0°	5.5	5.5	11.1	16.6	22.2	27.7	38.8	66.5	138.6	221.8	377.1
-2.5°	5.5	5.5	11.1	16.6	22.2	27.7	38.8	66.5	138.6	221.8	377.1
-5°	5.5	5.5	11.1	16.5	23.1	28.8	42.9	79.5	148.5	254.7	407.1
-7.5°	5.5	5.5	11.0	16.5	23.4	29.3	44.7	84.9	152.0	267.2	417.7
-10°	5.5	5.5	10.9	16.3	23.7	29.7	46.1	89.4	154.6	276.3	425.5
-12.5°	5.5	5.5	10.8	16.2	23.8	30.1	47.2	92.7	156.3	281.1	431.5
-15°	5.5	5.5	10.7	16.0	23.9	30.4	47.9	94.8	159.6	280.5	433.7
-17.5°	5.5	5.5	10.6	15.8	23.9	30.7	48.1	96.8	164.4	277.7	431.0
-20°	5.5	5.5	10.4	15.6	23.7	30.8	49.4	98.8	167.5	272.6	423.1

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CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.5	5.5	10.2	15.3	23.4	31.0	52.5	99.7	168.8	265.3	409.7
-25°	5.5	5.5	10.0	15.0	23.0	33.0	55.1	99.4	168.4	255.9	390.5
-27.5°	5.5	5.5	9.8	14.7	22.4	35.6	57.1	97.9	166.0	247.9	376.5
-30°	5.5	5.5	9.6	14.4	21.9	37.8	58.5	95.1	162.9	244.3	360.7
-32.5°	5.5	5.5	9.3	14.0	22.7	39.6	59.3	95.3	158.9	238.2	343.0
-35°	5.5	5.5	9.1	13.6	23.3	41.1	60.9	95.8	153.4	229.6	323.2
-37.5°	5.5	5.5	8.8	13.2	23.7	42.0	62.5	95.4	146.3	218.4	314.4
-40°	5.5	5.5	8.5	12.7	23.8	42.3	63.5	94.2	137.7	207.7	304.5
-42.5°	5.5	5.5	8.2	12.5	24.0	42.3	63.8	92.0	132.7	199.1	289.4
-45°	5.5	5.5	7.8	12.5	24.1	42.0	63.5	90.0	129.1	188.5	270.4
-47.5°	5.5	5.5	7.5	12.5	24.0	41.4	62.5	88.7	124.5	175.8	255.4
-50°	5.5	5.5	7.1	12.3	23.5	40.4	61.2	86.6	120.8	171.3	237.6
-52.5°	5.5	5.5	6.7	12.1	22.8	39.2	59.5	83.5	117.7	165.2	218.5
-55°	5.5	5.5	6.3	11.7	21.9	37.6	57.4	79.7	113.9	157.7	209.4
-57.5°	5.5	5.5	5.9	11.3	20.6	35.5	54.8	76.4	108.5	149.9	198.6
-60°	5.5	5.5	5.5	10.8	19.2	33.1	51.8	72.6	101.7	140.5	186.2
-62.5°	5.5	5.5	5.5	10.2	18.1	30.3	47.6	67.7	93.3	129.4	171.7
-65°	5.5	5.5	5.5	9.5	16.9	27.2	42.9	61.3	83.1	114.9	155.2
-67.5°	5.5	5.5	5.5	8.8	15.6	24.4	37.8	53.8	71.3	97.8	133.4
-70°	5.5	5.5	5.5	8.0	14.2	22.2	32.2	45.9	61.1	78.8	107.8
-72.5°	5.5	5.5	5.5	7.8	12.6	19.8	28.4	37.5	50.4	65.4	82.5
-75°	5.5	5.5	5.5	7.7	11.0	17.2	24.7	31.6	39.2	51.5	65.6
-77.5°	5.5	5.5	5.5	7.6	10.4	14.5	20.9	26.6	32.6	39.0	48.1
-80°	5.5	5.5	5.5	7.5	10.1	13.1	16.9	21.4	26.2	31.5	37.1
-82.5°	5.5	5.5	5.5	7.4	9.7	12.3	15.2	17.4	19.8	23.7	27.9
-85°	5.5	5.5	5.5	7.2	9.2	11.4	13.9	15.8	17.6	19.4	21.3
-87.5°	5.5	5.5	5.5	7.1	8.8	10.6	12.5	14.1	15.7	17.3	19.0
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.1	2.7	1.4	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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	18.0	19.4	20.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.6	2.9	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.1	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	1.6	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.1	3.4	2.3	0.9	0.0	0.3	0.8	0.6	0.0	0.3	0.7
67.5°	5.1	3.8	2.5	1.6	2.1	2.8	2.6	2.8	3.0	3.3	2.8
65°	5.4	4.1	4.1	4.8	5.4	6.0	6.4	6.8	5.7	5.0	5.1
62.5°	5.7	6.2	7.2	8.1	8.9	9.6	9.7	8.6	6.5	8.2	9.4
60°	8.2	9.1	10.2	11.3	12.4	13.0	12.4	12.6	14.0	16.2	31.1
57.5°	11.1	11.8	13.2	15.0	16.5	16.8	17.2	18.7	43.9	71.8	79.3
55°	14.0	14.6	16.9	19.7	21.3	21.2	30.4	64.1	96.8	134.1	147.8
52.5°	16.9	18.0	22.0	25.3	27.5	42.8	77.0	122.8	171.0	213.8	269.2
50°	19.7	23.7	27.8	32.7	52.2	92.1	142.2	204.7	277.3	345.8	415.9
47.5°	24.7	29.7	36.0	51.6	102.9	158.3	227.7	328.1	417.8	500.6	596.6
45°	30.5	41.0	48.0	102.2	161.7	233.3	350.7	473.5	554.9	665.7	835.7
42.5°	36.5	56.8	91.6	154.4	226.9	342.3	487.9	592.6	700.8	880.4	1059.2
40°	52.6	76.1	138.3	212.8	304.8	473.0	622.5	741.0	888.7	1087.9	1274.5
37.5°	72.0	116.1	185.8	275.2	427.0	611.4	771.5	940.7	1110.5	1298.3	1644.5
35°	93.7	153.3	246.0	366.7	549.2	764.8	955.6	1144.8	1340.5	1710.2	2053.8
32.5°	121.8	187.5	309.0	473.1	681.4	918.0	1139.5	1358.2	1672.1	2090.5	2435.2
30°	152.2	242.5	381.4	571.5	805.8	1058.3	1324.7	1589.4	2004.8	2351.1	2725.4
27.5°	183.9	300.6	466.4	674.3	922.3	1190.7	1491.3	1869.0	2239.5	2581.6	2993.0
25°	216.5	361.1	544.1	772.7	1036.9	1333.8	1679.6	2139.6	2429.4	2807.5	3236.6
22.5°	258.4	419.0	621.1	861.8	1143.2	1480.9	1921.8	2383.8	2724.9	3042.9	3462.0
20°	306.8	484.1	704.8	973.5	1247.2	1624.6	2162.7	2648.5	3049.8	3413.9	3798.9
17.5°	352.1	545.0	794.3	1087.5	1398.6	1808.6	2399.1	2936.7	3378.3	3784.1	4264.7
15°	393.9	601.4	882.0	1195.4	1547.5	2019.5	2611.0	3201.5	3705.7	4162.3	4708.4
12.5°	432.1	652.9	966.5	1296.4	1687.7	2201.3	2788.9	3365.3	3919.5	4514.4	5134.2
10°	466.6	699.1	1046.3	1389.7	1817.6	2355.0	2936.0	3501.9	4061.1	4690.6	5379.2
7.5°	503.6	742.4	1118.7	1474.4	1935.8	2482.0	3053.5	3611.6	4175.5	4831.5	5538.5
5°	537.8	782.2	1176.3	1535.1	2027.2	2581.1	3141.9	3694.8	4262.3	4936.5	5659.1
2.5°	567.9	815.7	1223.1	1582.7	2094.9	2654.1	3199.3	3764.2	4326.7	5021.9	5751.2
0°	593.4	842.9	1258.9	1619.3	2146.1	2706.3	3233.1	3809.8	4364.4	5079.8	5811.8
-2.5°	609.7	887.4	1283.4	1683.1	2190.9	2740.5	3263.3	3822.6	4405.0	5098.1	5879.8
-5°	621.2	923.5	1298.2	1732.3	2220.1	2755.5	3273.3	3812.7	4415.7	5093.5	5889.8
-7.5°	627.8	948.9	1305.1	1760.2	2230.5	2746.4	3256.4	3793.9	4398.0	5076.0	5845.7
-10°	631.7	956.9	1314.5	1751.8	2216.9	2716.7	3218.9	3749.9	4347.7	5019.3	5762.1
-12.5°	642.1	951.8	1312.9	1733.2	2187.7	2671.8	3163.3	3680.1	4263.9	4922.6	5646.4
-15°	644.7	940.4	1297.2	1705.7	2143.2	2613.1	3090.4	3584.5	4160.5	4828.3	5518.5
-17.5°	638.9	923.2	1266.4	1670.7	2083.5	2541.9	3004.7	3498.4	4063.6	4719.6	5384.2
-20°	624.1	900.8	1220.0	1629.3	2012.6	2462.7	2918.8	3408.0	3952.1	4568.8	5233.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	599.7	873.8	1169.8	1571.6	1951.4	2371.9	2818.2	3284.9	3812.4	4373.2	5031.8
-25°	574.6	843.3	1130.3	1492.3	1877.8	2265.7	2702.5	3134.3	3648.3	4199.0	4783.5
-27.5°	550.8	800.7	1089.2	1405.4	1791.2	2152.4	2571.7	2992.9	3463.8	4003.5	4541.6
-30°	519.7	754.6	1039.0	1321.8	1687.6	2045.7	2425.9	2840.4	3263.8	3776.0	4305.4
-32.5°	492.2	706.7	981.8	1258.2	1576.2	1925.5	2268.6	2663.7	3077.0	3513.6	4036.7
-35°	473.8	678.4	921.2	1184.6	1462.6	1794.8	2121.1	2464.4	2864.7	3274.4	3733.7
-37.5°	459.0	645.8	857.5	1108.0	1372.6	1657.7	1963.1	2279.0	2628.3	3041.4	3473.3
-40°	435.5	609.2	810.2	1035.0	1268.4	1527.6	1811.2	2097.1	2399.8	2803.4	3229.6
-42.5°	405.5	573.8	765.7	955.5	1168.7	1405.4	1657.4	1926.7	2217.6	2568.2	2959.9
-45°	382.4	528.4	716.2	886.2	1062.7	1279.2	1515.9	1759.7	2034.2	2335.1	2687.0
-47.5°	353.1	479.1	651.4	810.3	965.8	1150.6	1367.1	1597.9	1841.0	2112.2	2400.5
-50°	321.7	437.9	572.2	726.9	875.2	1028.9	1213.5	1427.0	1647.5	1883.9	2141.2
-52.5°	297.9	389.8	512.4	641.1	782.5	921.9	1079.1	1262.1	1459.1	1656.6	1882.9
-55°	271.0	354.4	455.4	570.9	691.2	820.2	963.3	1123.7	1284.3	1465.7	1646.2
-57.5°	252.0	320.3	407.9	508.2	616.3	725.9	861.0	996.5	1145.2	1295.4	1445.2
-60°	237.3	290.9	363.5	451.9	548.2	650.7	761.6	886.8	1014.7	1137.3	1266.8
-62.5°	220.3	267.0	323.8	395.8	482.9	572.0	669.7	777.0	892.7	995.9	1096.3
-65°	198.4	239.0	287.7	346.3	414.7	490.1	573.2	663.7	763.8	847.5	929.5
-67.5°	173.2	207.4	248.3	296.1	353.2	412.0	473.0	549.5	630.8	699.1	765.9
-70°	141.6	173.2	206.6	245.6	290.3	340.2	393.9	449.4	505.0	560.8	621.9
-72.5°	108.3	137.1	165.5	193.3	228.9	269.7	313.5	360.1	408.6	456.4	502.8
-75°	82.6	101.2	126.0	151.1	175.8	202.4	232.1	269.1	314.2	360.5	403.0
-77.5°	62.4	78.0	94.5	111.8	127.4	147.0	168.4	191.4	228.7	271.4	314.5
-80°	45.0	54.4	67.5	81.4	92.4	103.2	114.4	126.1	153.7	188.2	224.9
-82.5°	33.4	39.8	47.1	55.1	60.7	66.1	72.1	79.8	100.3	123.6	148.1
-85°	23.0	24.9	28.8	33.3	36.4	39.5	42.7	46.0	57.1	69.5	82.8
-87.5°	19.8	20.8	21.8	23.0	23.4	23.7	24.1	24.4	28.2	32.1	36.2
-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: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	22.2	23.6	25.0	26.3	27.7	29.1	30.5	31.9	33.3	33.3	33.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.5	2.8	2.9	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.8	5.5	4.1	2.7	1.3	2.1	3.4	4.0	4.0	3.6	2.8
62.5°	8.7	8.0	7.3	8.4	10.1	11.7	11.2	10.6	9.8	9.4	9.7
60°	32.8	21.9	25.3	31.7	29.6	20.3	33.4	37.8	32.2	22.0	21.3
57.5°	83.1	80.2	91.9	134.3	147.8	134.6	160.9	195.3	194.3	167.3	166.4
55°	177.1	237.6	310.6	322.5	373.3	475.2	554.6	519.8	519.6	545.7	630.0
52.5°	336.4	393.5	414.8	471.5	577.8	654.9	704.4	755.7	811.9	869.3	927.4
50°	493.7	549.1	612.1	670.2	817.3	896.4	883.2	989.4	1125.4	1210.3	1254.0
47.5°	724.1	811.5	944.5	1153.0	1262.8	1342.2	1440.8	1561.2	1717.0	1928.2	2091.0
45°	995.4	1132.9	1338.8	1560.2	1730.6	1808.2	1921.1	2107.5	2355.9	2597.7	2774.3
42.5°	1217.2	1405.8	1638.0	1849.6	1988.5	2116.0	2262.2	2419.4	2703.9	2962.2	3166.3
40°	1506.7	1653.6	1914.1	2113.5	2237.9	2364.3	2596.0	2831.2	3098.8	3339.4	3506.7
37.5°	1873.5	2038.8	2309.8	2535.3	2655.1	2699.8	3093.8	3421.3	3638.7	3946.0	4046.4
35°	2267.6	2539.6	2884.9	3177.4	3294.8	3529.2	3935.1	4392.0	4887.1	5069.2	5224.4
32.5°	2707.3	3042.9	3511.4	3825.3	3992.8	4348.5	4862.3	5350.0	5997.3	6348.6	6453.6
30°	3109.5	3494.6	3897.3	4202.3	4488.8	4917.2	5385.7	5987.0	6585.6	7034.8	7174.3
27.5°	3404.6	3830.7	4217.9	4503.6	4826.8	5288.7	5872.8	6481.8	7069.4	7527.7	7690.5
25°	3686.4	4168.0	4474.5	4806.7	5186.3	5689.6	6337.0	7013.6	7592.4	7979.7	8179.4
22.5°	4006.9	4481.8	4810.8	5092.2	5588.5	6168.5	6769.4	7534.0	8147.1	8456.2	8672.6
20°	4337.7	4875.0	5383.3	5645.0	6074.4	6808.7	7481.5	8203.3	8795.3	9117.4	9345.4
17.5°	4799.2	5483.9	6107.4	6478.0	6937.8	7815.9	8655.3	9385.4	10209.1	10500.0	10778.6
15°	5285.8	6078.4	6808.7	7395.9	7989.8	8859.8	9940.4	10821.4	11761.2	12181.0	12655.4
12.5°	5770.9	6520.9	7182.6	7940.1	8777.2	9546.8	10575.5	11672.7	12525.5	13060.8	13380.2
10°	6133.5	6830.1	7466.8	8226.1	9061.7	9932.3	10954.5	12079.2	12971.9	13428.7	13689.4
7.5°	6329.3	6996.0	7667.5	8437.0	9268.8	10196.0	11249.2	12365.1	13277.9	13720.5	13977.9
5°	6474.7	7115.0	7810.4	8620.3	9461.4	10401.5	11453.3	12555.8	13388.2	13858.5	14184.0
2.5°	6562.7	7190.4	7901.4	8738.8	9582.0	10561.1	11663.7	12806.6	13534.8	13913.2	14212.5
0°	6588.2	7220.4	7952.4	8800.9	9666.0	10653.1	11745.6	12876.9	13614.4	13980.5	14285.5
-2.5°	6616.9	7267.8	8019.9	8841.1	9698.9	10683.2	11798.3	12900.7	13564.2	13933.5	14223.7
-5°	6596.9	7271.5	8021.3	8807.8	9671.2	10647.7	11718.3	12749.0	13443.1	13842.3	14130.8
-7.5°	6537.2	7221.4	7963.4	8719.3	9566.3	10553.9	11619.9	12612.4	13315.6	13736.6	14052.3
-10°	6450.3	7114.5	7861.7	8627.3	9464.1	10404.2	11453.8	12440.4	13113.3	13560.4	13928.3
-12.5°	6354.0	7004.5	7724.7	8459.0	9286.7	10215.1	11232.1	12166.0	12835.0	13322.6	13585.5
-15°	6211.3	6861.4	7550.0	8260.3	9067.0	9967.7	10939.1	11835.2	12492.1	12888.9	13179.5
-17.5°	6029.9	6667.8	7320.5	7994.2	8754.3	9641.2	10618.7	11502.4	12037.8	12392.2	12677.8
-20°	5835.6	6425.4	7043.8	7679.6	8416.2	9294.9	10254.8	11025.6	11530.3	11870.8	12140.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5613.6	6181.6	6747.7	7355.4	8077.7	8883.3	9731.2	10476.0	11018.6	11328.8	11578.0
-25°	5360.2	5912.7	6450.3	7037.3	7701.0	8425.2	9213.6	9945.6	10431.5	10761.0	11008.1
-27.5°	5087.3	5606.4	6131.5	6658.6	7255.4	7976.9	8707.0	9387.0	9801.8	10133.9	10382.5
-30°	4814.8	5281.8	5767.6	6266.6	6826.7	7477.3	8160.2	8732.0	9169.5	9492.1	9722.9
-32.5°	4519.6	4962.8	5393.2	5859.5	6386.9	6960.2	7559.6	8103.5	8571.0	8866.5	9061.0
-35°	4217.3	4646.2	5040.2	5463.5	5928.7	6423.5	6976.7	7513.1	7974.7	8208.6	8398.2
-37.5°	3902.4	4330.1	4703.6	5057.2	5457.9	5916.2	6455.0	6966.8	7365.6	7566.6	7737.5
-40°	3628.5	4005.1	4341.2	4679.6	5005.4	5412.3	5915.2	6410.8	6730.8	6926.6	7085.3
-42.5°	3362.7	3680.3	3955.6	4258.9	4585.0	4986.2	5391.9	5807.4	6064.6	6282.0	6449.2
-45°	3053.0	3337.0	3595.1	3847.4	4144.7	4511.0	4879.6	5212.4	5453.3	5663.4	5826.2
-47.5°	2710.6	2984.7	3235.4	3461.0	3737.3	4042.8	4353.1	4630.0	4868.0	5075.6	5220.8
-50°	2391.5	2636.3	2881.1	3109.4	3348.9	3596.0	3847.8	4090.8	4316.6	4518.4	4642.0
-52.5°	2105.5	2331.5	2545.4	2745.0	2954.6	3163.4	3371.8	3594.5	3802.3	3993.2	4091.9
-55°	1846.8	2050.6	2243.6	2411.8	2579.9	2745.5	2924.2	3129.8	3321.1	3498.0	3568.8
-57.5°	1614.7	1789.0	1959.9	2102.0	2239.3	2371.0	2527.9	2701.4	2868.9	3020.5	3078.4
-60°	1401.1	1539.5	1682.3	1808.5	1928.1	2041.0	2177.8	2317.5	2453.4	2567.6	2617.0
-62.5°	1204.6	1323.0	1431.2	1533.7	1635.1	1736.8	1847.1	1958.0	2067.7	2155.7	2200.3
-65°	1015.1	1109.4	1196.4	1280.7	1362.5	1447.9	1534.4	1618.6	1699.8	1762.7	1801.3
-67.5°	837.3	908.9	978.0	1043.7	1112.2	1181.4	1249.0	1313.5	1374.5	1423.2	1460.1
-70°	679.7	735.1	789.2	843.6	900.7	954.6	1005.5	1053.8	1099.2	1134.2	1162.6
-72.5°	547.9	592.9	639.5	688.5	734.7	775.0	811.6	846.9	880.6	900.4	915.2
-75°	441.7	479.6	520.2	559.8	598.4	629.0	655.9	681.9	706.9	708.2	703.2
-77.5°	356.8	390.7	422.1	453.2	484.0	502.9	519.4	536.3	553.4	543.5	527.9
-80°	261.9	290.1	316.7	343.5	370.3	381.5	389.3	396.1	401.8	388.8	372.8
-82.5°	173.8	191.5	208.9	226.5	244.4	251.6	256.9	261.3	264.8	253.1	239.6
-85°	97.0	105.5	113.9	122.3	130.8	135.8	140.4	144.6	148.5	141.5	133.6
-87.5°	40.3	42.3	44.2	46.0	47.8	49.6	51.4	53.1	54.7	55.0	55.2
-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: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	31.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	0.3	0.0	0.0	0.0	0.3	1.6	2.8	3.6	4.0	4.0
62.5°	10.2	10.6	11.0	11.1	11.0	10.6	10.2	9.7	9.4	9.8	10.6
60°	19.6	17.1	16.5	16.6	16.5	17.1	19.6	21.3	22.0	32.2	37.8
57.5°	153.7	131.5	134.9	149.7	134.9	131.5	153.7	166.4	167.3	194.3	195.3
55°	718.4	802.0	831.5	815.2	831.5	802.0	718.4	630.0	545.7	519.6	519.8
52.5°	973.4	1007.6	1020.8	1020.4	1020.8	1007.6	973.4	927.4	869.3	811.9	755.7
50°	1267.2	1255.6	1237.7	1220.0	1237.7	1255.6	1267.2	1254.0	1210.3	1125.4	989.4
47.5°	2114.8	2078.2	2062.7	2090.7	2062.7	2078.2	2114.8	2091.0	1928.2	1717.0	1561.2
45°	2810.3	2853.2	2885.3	2883.7	2885.3	2853.2	2810.3	2774.3	2597.7	2355.9	2107.5
42.5°	3206.3	3229.2	3235.8	3227.5	3235.8	3229.2	3206.3	3166.3	2962.2	2703.9	2419.4
40°	3559.3	3586.6	3601.9	3615.7	3601.9	3586.6	3559.3	3506.7	3339.4	3098.8	2831.2
37.5°	4079.6	4089.6	4067.8	4053.8	4067.8	4089.6	4079.6	4046.4	3946.0	3638.7	3421.3
35°	5355.2	5381.4	5320.8	5384.8	5320.8	5381.4	5355.2	5224.4	5069.2	4887.1	4392.0
32.5°	6578.7	6701.1	6800.1	6882.1	6800.1	6701.1	6578.7	6453.6	6348.6	5997.3	5350.0
30°	7271.7	7350.7	7393.1	7403.4	7393.1	7350.7	7271.7	7174.3	7034.8	6585.6	5987.0
27.5°	7780.5	7863.3	7914.9	7952.4	7914.9	7863.3	7780.5	7690.5	7527.7	7069.4	6481.8
25°	8270.9	8346.6	8398.1	8418.2	8398.1	8346.6	8270.9	8179.4	7979.7	7592.4	7013.6
22.5°	8779.8	8832.4	8881.9	8906.2	8881.9	8832.4	8779.8	8672.6	8456.2	8147.1	7534.0
20°	9509.3	9480.7	9525.8	9510.7	9525.8	9480.7	9509.3	9345.4	9117.4	8795.3	8203.3
17.5°	10995.9	11011.4	11041.5	11091.2	11041.5	11011.4	10995.9	10778.6	10500.0	10209.1	9385.4
15°	12865.6	12903.3	13094.5	13265.1	13094.5	12903.3	12865.6	12655.4	12181.0	11761.2	10821.4
12.5°	13676.6	13806.8	13827.0	13875.1	13827.0	13806.8	13676.6	13380.2	13060.8	12525.5	11672.7
10°	13947.3	14172.7	14167.9	14224.5	14167.9	14172.7	13947.3	13689.4	13428.7	12971.9	12079.2
7.5°	14152.6	14394.7	14497.1	14540.6	14497.1	14394.7	14152.6	13977.9	13720.5	13277.9	12365.1
5°	14403.3	14536.4	14713.1	14662.6	14713.1	14536.4	14403.3	14184.0	13858.5	13388.2	12555.8
2.5°	14508.4	14716.9	14668.8	14718.0	14668.8	14716.9	14508.4	14212.5	13913.2	13534.8	12806.6
0°	14579.4	14729.1	14751.3	14801.2	14751.3	14729.1	14579.4	14285.5	13980.5	13614.4	12876.9
-2.5°	14493.4	14625.2	14855.9	14784.6	14855.9	14625.2	14493.4	14223.7	13933.5	13564.2	12900.7
-5°	14418.0	14742.3	14616.3	14773.5	14616.3	14742.3	14418.0	14130.8	13842.3	13443.1	12749.0
-7.5°	14379.0	14437.0	14520.6	14640.4	14520.6	14437.0	14379.0	14052.3	13736.6	13315.6	12612.4
-10°	14078.1	14137.4	14290.9	14374.2	14290.9	14137.4	14078.1	13928.3	13560.4	13113.3	12440.4
-12.5°	13751.7	13866.5	14027.8	14080.3	14027.8	13866.5	13751.7	13585.5	13322.6	12835.0	12166.0
-15°	13375.6	13546.2	13703.4	13736.5	13703.4	13546.2	13375.6	13179.5	12888.9	12492.1	11835.2
-17.5°	12897.4	13102.0	13267.2	13303.9	13267.2	13102.0	12897.4	12677.8	12392.2	12037.8	11502.4
-20°	12370.5	12566.5	12707.0	12749.3	12707.0	12566.5	12370.5	12140.4	11870.8	11530.3	11025.6



REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11806.4	11982.8	12101.6	12083.9	12101.6	11982.8	11806.4	11578.0	11328.8	11018.6	10476.0
-25°	11207.5	11371.2	11484.4	11468.3	11484.4	11371.2	11207.5	11008.1	10761.0	10431.5	9945.6
-27.5°	10574.3	10729.4	10838.2	10841.6	10838.2	10729.4	10574.3	10382.5	10133.9	9801.8	9387.0
-30°	9909.0	10049.8	10138.2	10104.1	10138.2	10049.8	9909.0	9722.9	9492.1	9169.5	8732.0
-32.5°	9222.8	9350.2	9431.1	9455.2	9431.1	9350.2	9222.8	9061.0	8866.5	8571.0	8103.5
-35°	8545.9	8658.2	8728.2	8745.4	8728.2	8658.2	8545.9	8398.2	8208.6	7974.7	7513.1
-37.5°	7873.4	7970.1	8018.9	7996.8	8018.9	7970.1	7873.4	7737.5	7566.6	7365.6	6966.8
-40°	7208.8	7300.8	7356.8	7370.1	7356.8	7300.8	7208.8	7085.3	6926.6	6730.8	6410.8
-42.5°	6555.4	6631.9	6681.0	6704.6	6681.0	6631.9	6555.4	6449.2	6282.0	6064.6	5807.4
-45°	5921.3	5989.7	6035.8	6061.3	6035.8	5989.7	5921.3	5826.2	5663.4	5453.3	5212.4
-47.5°	5304.3	5364.3	5404.0	5423.6	5404.0	5364.3	5304.3	5220.8	5075.6	4868.0	4630.0
-50°	4714.3	4766.3	4803.3	4824.7	4803.3	4766.3	4714.3	4642.0	4518.4	4316.6	4090.8
-52.5°	4154.8	4200.2	4231.8	4247.9	4231.8	4200.2	4154.8	4091.9	3993.2	3802.3	3594.5
-55°	3620.5	3657.3	3686.6	3704.5	3686.6	3657.3	3620.5	3568.8	3498.0	3321.1	3129.8
-57.5°	3122.3	3152.4	3180.1	3199.8	3180.1	3152.4	3122.3	3078.4	3020.5	2868.9	2701.4
-60°	2656.0	2684.4	2707.9	2722.9	2707.9	2684.4	2656.0	2617.0	2567.6	2453.4	2317.5
-62.5°	2235.1	2260.2	2281.8	2295.9	2281.8	2260.2	2235.1	2200.3	2155.7	2067.7	1958.0
-65°	1831.7	1854.2	1870.3	1880.0	1870.3	1854.2	1831.7	1801.3	1762.7	1699.8	1618.6
-67.5°	1491.6	1517.6	1522.7	1519.5	1522.7	1517.6	1491.6	1460.1	1423.2	1374.5	1313.5
-70°	1188.0	1210.0	1215.2	1214.5	1215.2	1210.0	1188.0	1162.6	1134.2	1099.2	1053.8
-72.5°	929.0	940.9	930.7	915.0	930.7	940.9	929.0	915.2	900.4	880.6	846.9
-75°	697.1	689.4	678.7	665.5	678.7	689.4	697.1	703.2	708.2	706.9	681.9
-77.5°	510.6	491.7	479.3	465.8	479.3	491.7	510.6	527.9	543.5	553.4	536.3
-80°	355.5	337.0	324.2	310.6	324.2	337.0	355.5	372.8	388.8	401.8	396.1
-82.5°	225.2	209.9	202.2	194.1	202.2	209.9	225.2	239.6	253.1	264.8	261.3
-85°	125.1	116.1	110.9	105.4	110.9	116.1	125.1	133.6	141.5	148.5	144.6
-87.5°	55.3	55.4	52.7	49.9	52.7	55.4	55.3	55.2	55.0	54.7	53.1
-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):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	30.5	29.1	27.7	26.3	25.0	23.6	22.2	20.8	19.4	18.0	16.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.1	0.0	0.0	0.5	0.7	0.3	0.0	0.6
67.5°	0.0	0.0	1.0	2.3	2.9	2.8	2.5	2.8	3.3	3.0	2.8
65°	3.4	2.1	1.3	2.7	4.1	5.5	5.8	5.1	5.0	5.7	6.8
62.5°	11.2	11.7	10.1	8.4	7.3	8.0	8.7	9.4	8.2	6.5	8.6
60°	33.4	20.3	29.6	31.7	25.3	21.9	32.8	31.1	16.2	14.0	12.6
57.5°	160.9	134.6	147.8	134.3	91.9	80.2	83.1	79.3	71.8	43.9	18.7
55°	554.6	475.2	373.3	322.5	310.6	237.6	177.1	147.8	134.1	96.8	64.1
52.5°	704.4	654.9	577.8	471.5	414.8	393.5	336.4	269.2	213.8	171.0	122.8
50°	883.2	896.4	817.3	670.2	612.1	549.1	493.7	415.9	345.8	277.3	204.7
47.5°	1440.8	1342.2	1262.8	1153.0	944.5	811.5	724.1	596.6	500.6	417.8	328.1
45°	1921.1	1808.2	1730.6	1560.2	1338.8	1132.9	995.4	835.7	665.7	554.9	473.5
42.5°	2262.2	2116.0	1988.5	1849.6	1638.0	1405.8	1217.2	1059.2	880.4	700.8	592.6
40°	2596.0	2364.3	2237.9	2113.5	1914.1	1653.6	1506.7	1274.5	1087.9	888.7	741.0
37.5°	3093.8	2699.8	2655.1	2535.3	2309.8	2038.8	1873.5	1644.5	1298.3	1110.5	940.7
35°	3935.1	3529.2	3294.8	3177.4	2884.9	2539.6	2267.6	2053.8	1710.2	1340.5	1144.8
32.5°	4862.3	4348.5	3992.8	3825.3	3511.4	3042.9	2707.3	2435.2	2090.5	1672.1	1358.2
30°	5385.7	4917.2	4488.8	4202.3	3897.3	3494.6	3109.5	2725.4	2351.1	2004.8	1589.4
27.5°	5872.8	5288.7	4826.8	4503.6	4217.9	3830.7	3404.6	2993.0	2581.6	2239.5	1869.0
25°	6337.0	5689.6	5186.3	4806.7	4474.5	4168.0	3686.4	3236.6	2807.5	2429.4	2139.6
22.5°	6769.4	6168.5	5588.5	5092.2	4810.8	4481.8	4006.9	3462.0	3042.9	2724.9	2383.8
20°	7481.5	6808.7	6074.4	5645.0	5383.3	4875.0	4337.7	3798.9	3413.9	3049.8	2648.5
17.5°	8655.3	7815.9	6937.8	6478.0	6107.4	5483.9	4799.2	4264.7	3784.1	3378.3	2936.7
15°	9940.4	8859.8	7989.8	7395.9	6808.7	6078.4	5285.8	4708.4	4162.3	3705.7	3201.5
12.5°	10575.5	9546.8	8777.2	7940.1	7182.6	6520.9	5770.9	5134.2	4514.4	3919.5	3365.3
10°	10954.5	9932.3	9061.7	8226.1	7466.8	6830.1	6133.5	5379.2	4690.6	4061.1	3501.9
7.5°	11249.2	10196.0	9268.8	8437.0	7667.5	6996.0	6329.3	5538.5	4831.5	4175.5	3611.6
5°	11453.3	10401.5	9461.4	8620.3	7810.4	7115.0	6474.7	5659.1	4936.5	4262.3	3694.8
2.5°	11663.7	10561.1	9582.0	8738.8	7901.4	7190.4	6562.7	5751.2	5021.9	4326.7	3764.2
0°	11745.6	10653.1	9666.0	8800.9	7952.4	7220.4	6588.2	5811.8	5079.8	4364.4	3809.8
-2.5°	11798.3	10683.2	9698.9	8841.1	8019.9	7267.8	6616.9	5879.8	5098.1	4405.0	3822.6
-5°	11718.3	10647.7	9671.2	8807.8	8021.3	7271.5	6596.9	5889.8	5093.5	4415.7	3812.7
-7.5°	11619.9	10553.9	9566.3	8719.3	7963.4	7221.4	6537.2	5845.7	5076.0	4398.0	3793.9
-10°	11453.8	10404.2	9464.1	8627.3	7861.7	7114.5	6450.3	5762.1	5019.3	4347.7	3749.9
-12.5°	11232.1	10215.1	9286.7	8459.0	7724.7	7004.5	6354.0	5646.4	4922.6	4263.9	3680.1
-15°	10939.1	9967.7	9067.0	8260.3	7550.0	6861.4	6211.3	5518.5	4828.3	4160.5	3584.5
-17.5°	10618.7	9641.2	8754.3	7994.2	7320.5	6667.8	6029.9	5384.2	4719.6	4063.6	3498.4
-20°	10254.8	9294.9	8416.2	7679.6	7043.8	6425.4	5835.6	5233.9	4568.8	3952.1	3408.0



REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9731.2	8883.3	8077.7	7355.4	6747.7	6181.6	5613.6	5031.8	4373.2	3812.4	3284.9
-25°	9213.6	8425.2	7701.0	7037.3	6450.3	5912.7	5360.2	4783.5	4199.0	3648.3	3134.3
-27.5°	8707.0	7976.9	7255.4	6658.6	6131.5	5606.4	5087.3	4541.6	4003.5	3463.8	2992.9
-30°	8160.2	7477.3	6826.7	6266.6	5767.6	5281.8	4814.8	4305.4	3776.0	3263.8	2840.4
-32.5°	7559.6	6960.2	6386.9	5859.5	5393.2	4962.8	4519.6	4036.7	3513.6	3077.0	2663.7
-35°	6976.7	6423.5	5928.7	5463.5	5040.2	4646.2	4217.3	3733.7	3274.4	2864.7	2464.4
-37.5°	6455.0	5916.2	5457.9	5057.2	4703.6	4330.1	3902.4	3473.3	3041.4	2628.3	2279.0
-40°	5915.2	5412.3	5005.4	4679.6	4341.2	4005.1	3628.5	3229.6	2803.4	2399.8	2097.1
-42.5°	5391.9	4986.2	4585.0	4258.9	3955.6	3680.3	3362.7	2959.9	2568.2	2217.6	1926.7
-45°	4879.6	4511.0	4144.7	3847.4	3595.1	3337.0	3053.0	2687.0	2335.1	2034.2	1759.7
-47.5°	4353.1	4042.8	3737.3	3461.0	3235.4	2984.7	2710.6	2400.5	2112.2	1841.0	1597.9
-50°	3847.8	3596.0	3348.9	3109.4	2881.1	2636.3	2391.5	2141.2	1883.9	1647.5	1427.0
-52.5°	3371.8	3163.4	2954.6	2745.0	2545.4	2331.5	2105.5	1882.9	1656.6	1459.1	1262.1
-55°	2924.2	2745.5	2579.9	2411.8	2243.6	2050.6	1846.8	1646.2	1465.7	1284.3	1123.7
-57.5°	2527.9	2371.0	2239.3	2102.0	1959.9	1789.0	1614.7	1445.2	1295.4	1145.2	996.5
-60°	2177.8	2041.0	1928.1	1808.5	1682.3	1539.5	1401.1	1266.8	1137.3	1014.7	886.8
-62.5°	1847.1	1736.8	1635.1	1533.7	1431.2	1323.0	1204.6	1096.3	995.9	892.7	777.0
-65°	1534.4	1447.9	1362.5	1280.7	1196.4	1109.4	1015.1	929.5	847.5	763.8	663.7
-67.5°	1249.0	1181.4	1112.2	1043.7	978.0	908.9	837.3	765.9	699.1	630.8	549.5
-70°	1005.5	954.6	900.7	843.6	789.2	735.1	679.7	621.9	560.8	505.0	449.4
-72.5°	811.6	775.0	734.7	688.5	639.5	592.9	547.9	502.8	456.4	408.6	360.1
-75°	655.9	629.0	598.4	559.8	520.2	479.6	441.7	403.0	360.5	314.2	269.1
-77.5°	519.4	502.9	484.0	453.2	422.1	390.7	356.8	314.5	271.4	228.7	191.4
-80°	389.3	381.5	370.3	343.5	316.7	290.1	261.9	224.9	188.2	153.7	126.1
-82.5°	256.9	251.6	244.4	226.5	208.9	191.5	173.8	148.1	123.6	100.3	79.8
-85°	140.4	135.8	130.8	122.3	113.9	105.5	97.0	82.8	69.5	57.1	46.0
-87.5°	51.4	49.6	47.8	46.0	44.2	42.3	40.3	36.2	32.1	28.2	24.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	15.2	13.9	12.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.9
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	1.7
82.5°	0.0	0.0	0.0	0.1	0.9	1.4	1.6	1.5	0.8	0.1	0.4
80°	0.0	0.0	0.0	0.2	1.4	2.9	3.6	3.8	2.9	2.0	1.1
77.5°	0.0	0.0	0.0	0.1	0.6	1.6	3.1	5.0	5.0	3.8	2.7
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.2	2.9	4.5	5.4	4.3
72.5°	0.0	0.0	0.0	0.7	1.5	1.6	0.9	1.0	3.2	4.7	5.4
70°	0.8	0.3	0.0	0.9	2.3	3.4	3.1	2.5	2.1	4.0	5.2
67.5°	2.6	2.8	2.1	1.6	2.5	3.8	5.1	4.9	4.3	3.6	5.1
65°	6.4	6.0	5.4	4.8	4.1	4.1	5.4	6.8	6.4	5.5	5.0
62.5°	9.7	9.6	8.9	8.1	7.2	6.2	5.7	7.6	8.4	7.4	6.2
60°	12.4	13.0	12.4	11.3	10.2	9.1	8.2	8.6	9.6	9.4	7.9
57.5°	17.2	16.8	16.5	15.0	13.2	11.8	11.1	10.8	11.1	11.0	9.6
55°	30.4	21.2	21.3	19.7	16.9	14.6	14.0	13.5	12.8	12.6	11.2
52.5°	77.0	42.8	27.5	25.3	22.0	18.0	16.9	16.1	15.2	14.4	12.8
50°	142.2	92.1	52.2	32.7	27.8	23.7	19.7	18.7	17.6	16.4	14.4
47.5°	227.7	158.3	102.9	51.6	36.0	29.7	24.7	21.3	20.0	18.5	16.0
45°	350.7	233.3	161.7	102.2	48.0	41.0	30.5	23.8	22.3	20.5	17.5
42.5°	487.9	342.3	226.9	154.4	91.6	56.8	36.5	29.0	24.6	22.5	19.2
40°	622.5	473.0	304.8	212.8	138.3	76.1	52.6	34.6	26.8	24.7	21.1
37.5°	771.5	611.4	427.0	275.2	185.8	116.1	72.0	40.3	30.5	27.0	23.0
35°	955.6	764.8	549.2	366.7	246.0	153.3	93.7	51.3	37.5	29.5	25.0
32.5°	1139.5	918.0	681.4	473.1	309.0	187.5	121.8	73.2	45.7	32.0	27.1
30°	1324.7	1058.3	805.8	571.5	381.4	242.5	152.2	94.5	55.1	34.6	29.2
27.5°	1491.3	1190.7	922.3	674.3	466.4	300.6	183.9	115.1	65.5	39.2	31.4
25°	1679.6	1333.8	1036.9	772.7	544.1	361.1	216.5	135.3	80.6	47.3	33.6
22.5°	1921.8	1480.9	1143.2	861.8	621.1	419.0	258.4	162.0	97.3	55.7	35.8
20°	2162.7	1624.6	1247.2	973.5	704.8	484.1	306.8	188.5	113.1	64.5	37.9
17.5°	2399.1	1808.6	1398.6	1087.5	794.3	545.0	352.1	214.6	128.0	73.4	40.1
15°	2611.0	2019.5	1547.5	1195.4	882.0	601.4	393.9	239.9	142.0	82.4	42.9
12.5°	2788.9	2201.3	1687.7	1296.4	966.5	652.9	432.1	264.2	155.0	92.4	46.7
10°	2936.0	2355.0	1817.6	1389.7	1046.3	699.1	466.6	288.5	170.1	102.9	50.8
7.5°	3053.5	2482.0	1935.8	1474.4	1118.7	742.4	503.6	314.1	184.7	113.0	54.9
5°	3141.9	2581.1	2027.2	1535.1	1176.3	782.2	537.8	337.6	198.3	122.4	58.9
2.5°	3199.3	2654.1	2094.9	1582.7	1223.1	815.7	567.9	358.8	210.7	131.0	62.8
0°	3233.1	2706.3	2146.1	1619.3	1258.9	842.9	593.4	377.1	221.8	138.6	66.5
-2.5°	3263.3	2740.5	2190.9	1683.1	1283.4	887.4	609.7	393.6	239.3	144.1	73.3
-5°	3273.3	2755.5	2220.1	1732.3	1298.2	923.5	621.2	407.1	254.7	148.5	79.5
-7.5°	3256.4	2746.4	2230.5	1760.2	1305.1	948.9	627.8	417.7	267.2	152.0	84.9
-10°	3218.9	2716.7	2216.9	1751.8	1314.5	956.9	631.7	425.5	276.3	154.6	89.4
-12.5°	3163.3	2671.8	2187.7	1733.2	1312.9	951.8	642.1	431.5	281.1	156.3	92.7
-15°	3090.4	2613.1	2143.2	1705.7	1297.2	940.4	644.7	433.7	280.5	159.6	94.8
-17.5°	3004.7	2541.9	2083.5	1670.7	1266.4	923.2	638.9	431.0	277.7	164.4	96.8
-20°	2918.8	2462.7	2012.6	1629.3	1220.0	900.8	624.1	423.1	272.6	167.5	98.8

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Scaled Data Report



REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2818.2	2371.9	1951.4	1571.6	1169.8	873.8	599.7	409.7	265.3	168.8	99.7
-25°	2702.5	2265.7	1877.8	1492.3	1130.3	843.3	574.6	390.5	255.9	168.4	99.4
-27.5°	2571.7	2152.4	1791.2	1405.4	1089.2	800.7	550.8	376.5	247.9	166.0	97.9
-30°	2425.9	2045.7	1687.6	1321.8	1039.0	754.6	519.7	360.7	244.3	162.9	95.1
-32.5°	2268.6	1925.5	1576.2	1258.2	981.8	706.7	492.2	343.0	238.2	158.9	95.3
-35°	2121.1	1794.8	1462.6	1184.6	921.2	678.4	473.8	323.2	229.6	153.4	95.8
-37.5°	1963.1	1657.7	1372.6	1108.0	857.5	645.8	459.0	314.4	218.4	146.3	95.4
-40°	1811.2	1527.6	1268.4	1035.0	810.2	609.2	435.5	304.5	207.7	137.7	94.2
-42.5°	1657.4	1405.4	1168.7	955.5	765.7	573.8	405.5	289.4	199.1	132.7	92.0
-45°	1515.9	1279.2	1062.7	886.2	716.2	528.4	382.4	270.4	188.5	129.1	90.0
-47.5°	1367.1	1150.6	965.8	810.3	651.4	479.1	353.1	255.4	175.8	124.5	88.7
-50°	1213.5	1028.9	875.2	726.9	572.2	437.9	321.7	237.6	171.3	120.8	86.6
-52.5°	1079.1	921.9	782.5	641.1	512.4	389.8	297.9	218.5	165.2	117.7	83.5
-55°	963.3	820.2	691.2	570.9	455.4	354.4	271.0	209.4	157.7	113.9	79.7
-57.5°	861.0	725.9	616.3	508.2	407.9	320.3	252.0	198.6	149.9	108.5	76.4
-60°	761.6	650.7	548.2	451.9	363.5	290.9	237.3	186.2	140.5	101.7	72.6
-62.5°	669.7	572.0	482.9	395.8	323.8	267.0	220.3	171.7	129.4	93.3	67.7
-65°	573.2	490.1	414.7	346.3	287.7	239.0	198.4	155.2	114.9	83.1	61.3
-67.5°	473.0	412.0	353.2	296.1	248.3	207.4	173.2	133.4	97.8	71.3	53.8
-70°	393.9	340.2	290.3	245.6	206.6	173.2	141.6	107.8	78.8	61.1	45.9
-72.5°	313.5	269.7	228.9	193.3	165.5	137.1	108.3	82.5	65.4	50.4	37.5
-75°	232.1	202.4	175.8	151.1	126.0	101.2	82.6	65.6	51.5	39.2	31.6
-77.5°	168.4	147.0	127.4	111.8	94.5	78.0	62.4	48.1	39.0	32.6	26.6
-80°	114.4	103.2	92.4	81.4	67.5	54.4	45.0	37.1	31.5	26.2	21.4
-82.5°	72.1	66.1	60.7	55.1	47.1	39.8	33.4	27.9	23.7	19.8	17.4
-85°	42.7	39.5	36.4	33.3	28.8	24.9	23.0	21.3	19.4	17.6	15.8
-87.5°	24.1	23.7	23.4	23.0	21.8	20.8	19.8	19.0	17.3	15.7	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.7	4.1

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REPORT NUMBER: P627290 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.1	9.7	8.3	6.9	5.5	5.5	5.5
87.5°	4.1	4.6	5.0	5.3	5.5	5.5	5.5
85°	2.7	3.7	4.6	5.1	5.5	5.5	5.5
82.5°	1.3	2.9	4.1	5.0	5.5	5.5	5.5
80°	0.3	2.0	3.7	4.8	5.5	5.5	5.5
77.5°	1.7	1.8	3.2	4.7	5.5	5.5	5.5
75°	3.1	2.7	3.0	4.5	5.5	5.5	5.5
72.5°	4.4	3.6	3.5	4.4	5.5	5.5	5.5
70°	5.5	4.4	4.0	4.4	5.5	5.5	5.5
67.5°	5.7	5.1	4.4	4.6	5.5	5.5	5.5
65°	5.9	5.7	4.8	4.8	5.5	5.5	5.5
62.5°	6.2	6.1	5.2	4.9	5.5	5.5	5.5
60°	6.6	6.6	5.5	5.1	5.5	5.5	5.5
57.5°	7.9	7.2	6.0	5.2	5.6	5.5	5.5
55°	9.3	7.7	6.6	5.3	5.6	5.5	5.5
52.5°	10.7	8.5	7.2	5.4	5.7	5.5	5.5
50°	12.0	9.6	7.8	5.5	5.9	5.5	5.5
47.5°	13.4	10.7	8.5	5.6	6.0	5.5	5.5
45°	14.7	11.8	9.1	6.1	6.2	5.5	5.5
42.5°	15.9	12.9	9.8	6.7	6.4	5.5	5.5
40°	17.2	13.9	10.6	7.3	6.6	5.5	5.5
37.5°	18.4	14.9	11.4	8.1	6.8	5.5	5.5
35°	19.5	15.8	12.2	8.8	7.0	5.5	5.5
32.5°	20.8	16.8	12.9	9.5	7.3	5.5	5.5
30°	22.5	17.7	13.6	10.2	7.5	5.5	5.5
27.5°	24.1	18.5	14.5	10.9	7.8	5.5	5.5
25°	25.8	19.3	15.3	11.5	8.1	5.5	5.5
22.5°	27.4	20.2	16.2	12.2	8.4	5.5	5.5
20°	29.0	21.2	17.0	12.8	8.7	5.5	5.5
17.5°	30.6	22.2	17.8	13.3	9.0	5.5	5.5
15°	32.1	23.1	18.5	13.9	9.4	5.5	5.5
12.5°	33.5	24.0	19.2	14.4	9.7	5.5	5.5
10°	34.8	24.8	19.9	14.9	10.0	5.5	5.5
7.5°	36.0	25.6	20.5	15.4	10.3	5.5	5.5
5°	37.1	26.4	21.1	15.8	10.6	5.5	5.5
2.5°	38.0	27.1	21.7	16.2	10.8	5.5	5.5
0°	38.8	27.7	22.2	16.6	11.1	5.5	5.5
-2.5°	41.0	28.3	22.7	16.6	11.1	5.5	5.5
-5°	42.9	28.8	23.1	16.5	11.1	5.5	5.5
-7.5°	44.7	29.3	23.4	16.5	11.0	5.5	5.5
-10°	46.1	29.7	23.7	16.3	10.9	5.5	5.5
-12.5°	47.2	30.1	23.8	16.2	10.8	5.5	5.5
-15°	47.9	30.4	23.9	16.0	10.7	5.5	5.5
-17.5°	48.1	30.7	23.9	15.8	10.6	5.5	5.5
-20°	49.4	30.8	23.7	15.6	10.4	5.5	5.5

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CATALOG NUMBER: GFLD-SA3E-740-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	52.5	31.0	23.4	15.3	10.2	5.5	5.5
-25°	55.1	33.0	23.0	15.0	10.0	5.5	5.5
-27.5°	57.1	35.6	22.4	14.7	9.8	5.5	5.5
-30°	58.5	37.8	21.9	14.4	9.6	5.5	5.5
-32.5°	59.3	39.6	22.7	14.0	9.3	5.5	5.5
-35°	60.9	41.1	23.3	13.6	9.1	5.5	5.5
-37.5°	62.5	42.0	23.7	13.2	8.8	5.5	5.5
-40°	63.5	42.3	23.8	12.7	8.5	5.5	5.5
-42.5°	63.8	42.3	24.0	12.5	8.2	5.5	5.5
-45°	63.5	42.0	24.1	12.5	7.8	5.5	5.5
-47.5°	62.5	41.4	24.0	12.5	7.5	5.5	5.5
-50°	61.2	40.4	23.5	12.3	7.1	5.5	5.5
-52.5°	59.5	39.2	22.8	12.1	6.7	5.5	5.5
-55°	57.4	37.6	21.9	11.7	6.3	5.5	5.5
-57.5°	54.8	35.5	20.6	11.3	5.9	5.5	5.5
-60°	51.8	33.1	19.2	10.8	5.5	5.5	5.5
-62.5°	47.6	30.3	18.1	10.2	5.5	5.5	5.5
-65°	42.9	27.2	16.9	9.5	5.5	5.5	5.5
-67.5°	37.8	24.4	15.6	8.8	5.5	5.5	5.5
-70°	32.2	22.2	14.2	8.0	5.5	5.5	5.5
-72.5°	28.4	19.8	12.6	7.8	5.5	5.5	5.5
-75°	24.7	17.2	11.0	7.7	5.5	5.5	5.5
-77.5°	20.9	14.5	10.4	7.6	5.5	5.5	5.5
-80°	16.9	13.1	10.1	7.5	5.5	5.5	5.5
-82.5°	15.2	12.3	9.7	7.4	5.5	5.5	5.5
-85°	13.9	11.4	9.2	7.2	5.5	5.5	5.5
-87.5°	12.5	10.6	8.8	7.1	5.5	5.5	5.5
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5

(END OF REPORT)