

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: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-740-U-WR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

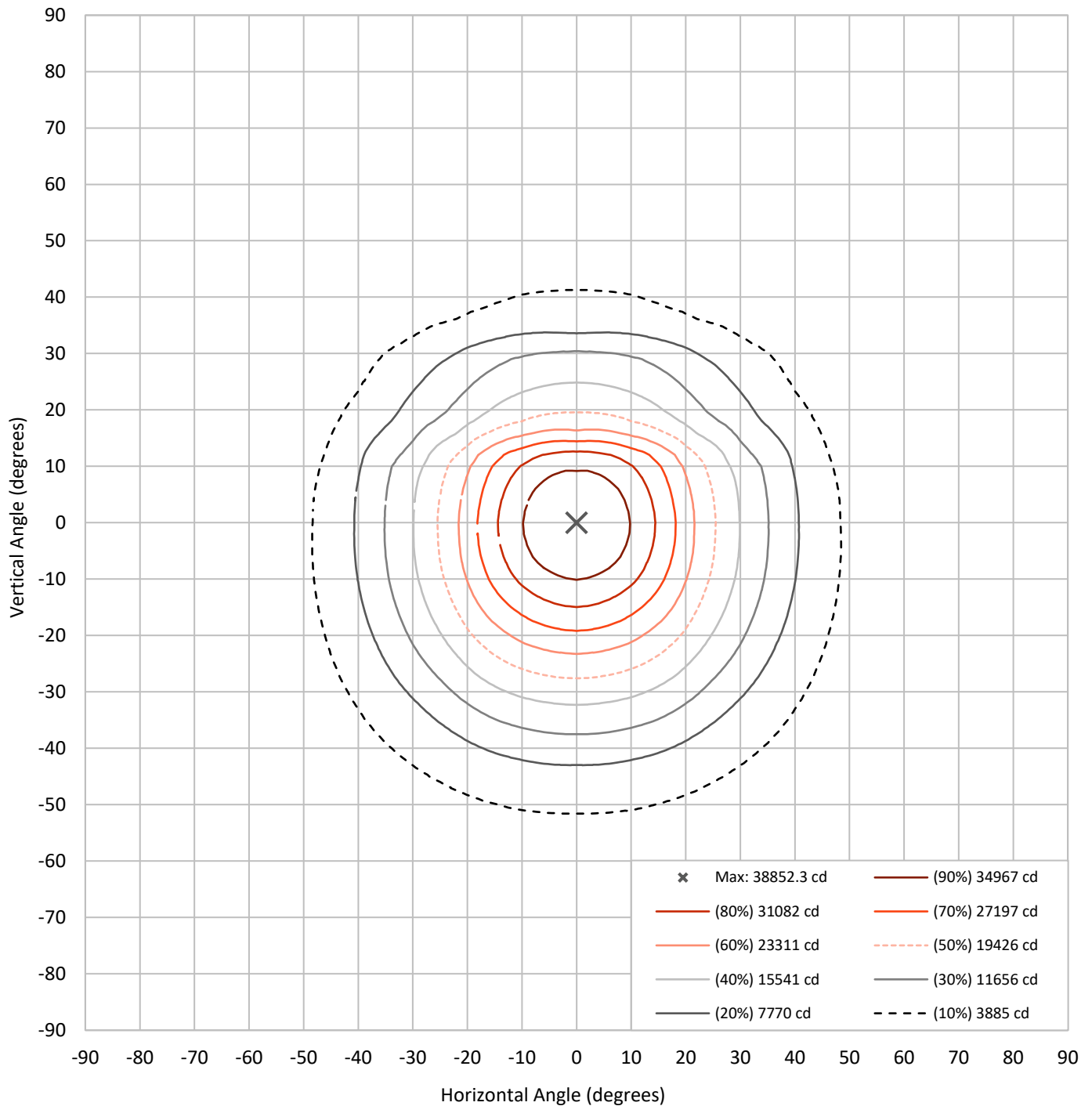
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	34276.1 lumens	Max Intensity:	38852.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	16502.3 lumens	Field Lumens:	30688.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





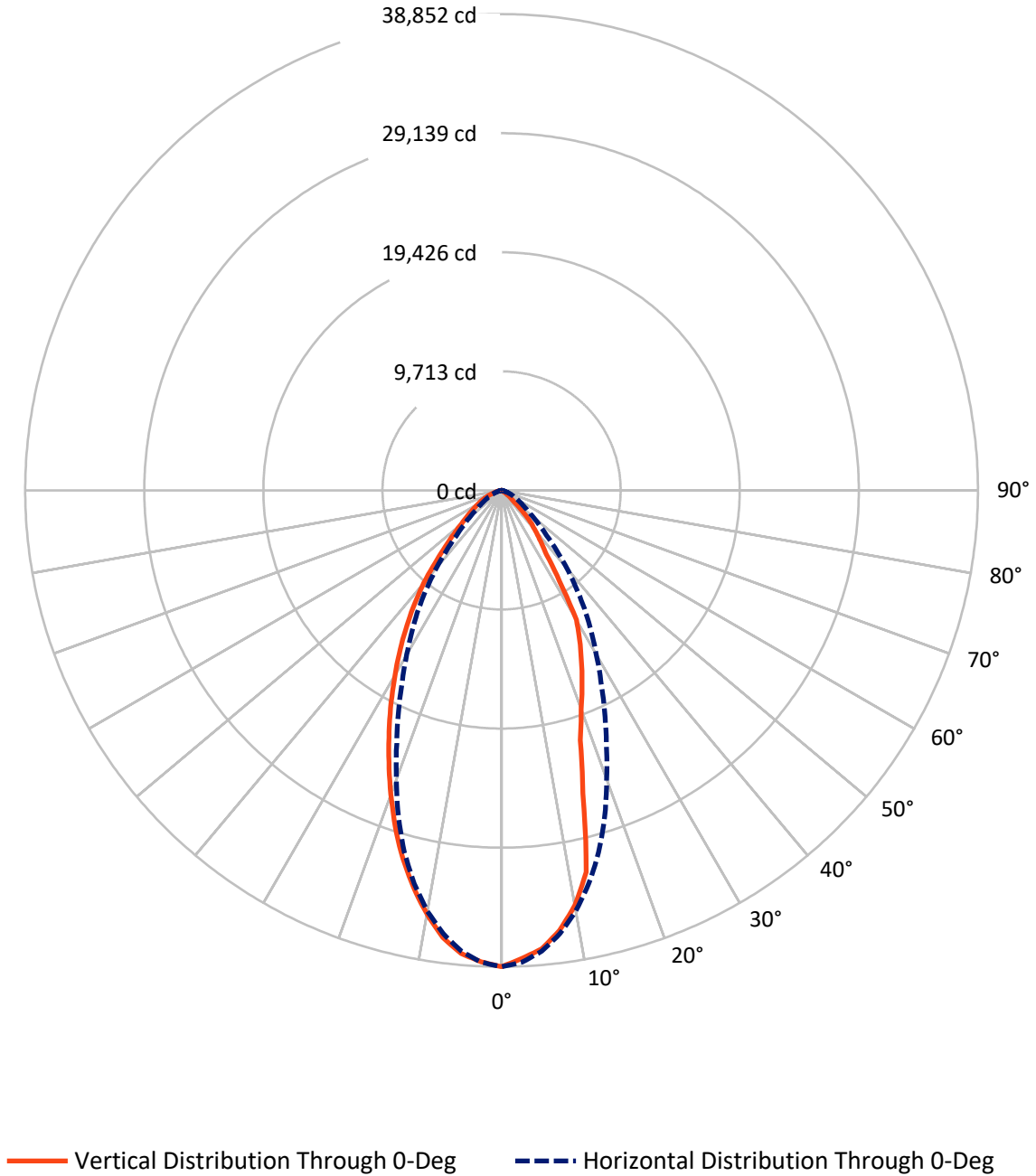
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### Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2			
50		0.7	1.8	3.2	5.4	7.9	10.8	12.1	12.1	10.8	7.9	5.4	3.2	1.8	0.7				
40	1.5	2.6	6.7	13.9	25.5	41.9	60.4	74.1	74.1	60.4	41.9	25.5	13.9	6.7	2.6	1.5			
30		5.2	13.4	31.0	64.0	117.6	179.8	216.1	216.1	179.8	117.6	64.0	31.0	13.4	5.2				
20	3.7	8.2	21.7	56.3	133.1	250.0	380.5	458.5	458.5	380.5	250.0	133.1	56.3	21.7	8.2	3.7			
10		11.1	30.9	88.2	219.0	405.0	632.9	782.5	782.5	632.9	405.0	219.0	88.2	30.9	11.1				
0	5.3	12.9	38.9	114.2	287.6	536.1	860.8	1091.3	1091.3	860.8	536.1	287.6	114.2	38.9	12.9	5.3			
-10		13.5	40.5	117.8	291.8	543.9	869.5	1098.1	1098.1	869.5	543.9	291.8	117.8	40.5	13.5				
-20	5.7	13.3	38.3	104.9	258.5	477.5	736.1	908.3	908.3	736.1	477.5	258.5	104.9	38.3	13.3	5.7			
-30		12.2	33.2	82.2	192.9	360.0	536.5	643.4	643.4	536.5	360.0	192.9	82.2	33.2	12.2				
-40	4.8	10.7	26.9	59.3	121.4	223.3	337.0	401.1	401.1	337.0	223.3	121.4	59.3	26.9	10.7	4.8			
-50		8.9	20.8	41.0	72.9	116.9	167.7	199.6	199.6	167.7	116.9	72.9	41.0	20.8	8.9				
-60	3.0	6.9	15.1	27.3	44.6	64.1	82.9	93.8	93.8	82.9	64.1	44.6	27.3	15.1	6.9	3.0			
-70		4.9	10.1	16.8	25.9	35.2	43.1	47.0	47.0	43.1	35.2	25.9	16.8	10.1	4.9				
-80																			
-90	0.8	9.8		25.1		45.0		41.0		45.0		25.1		9.8		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

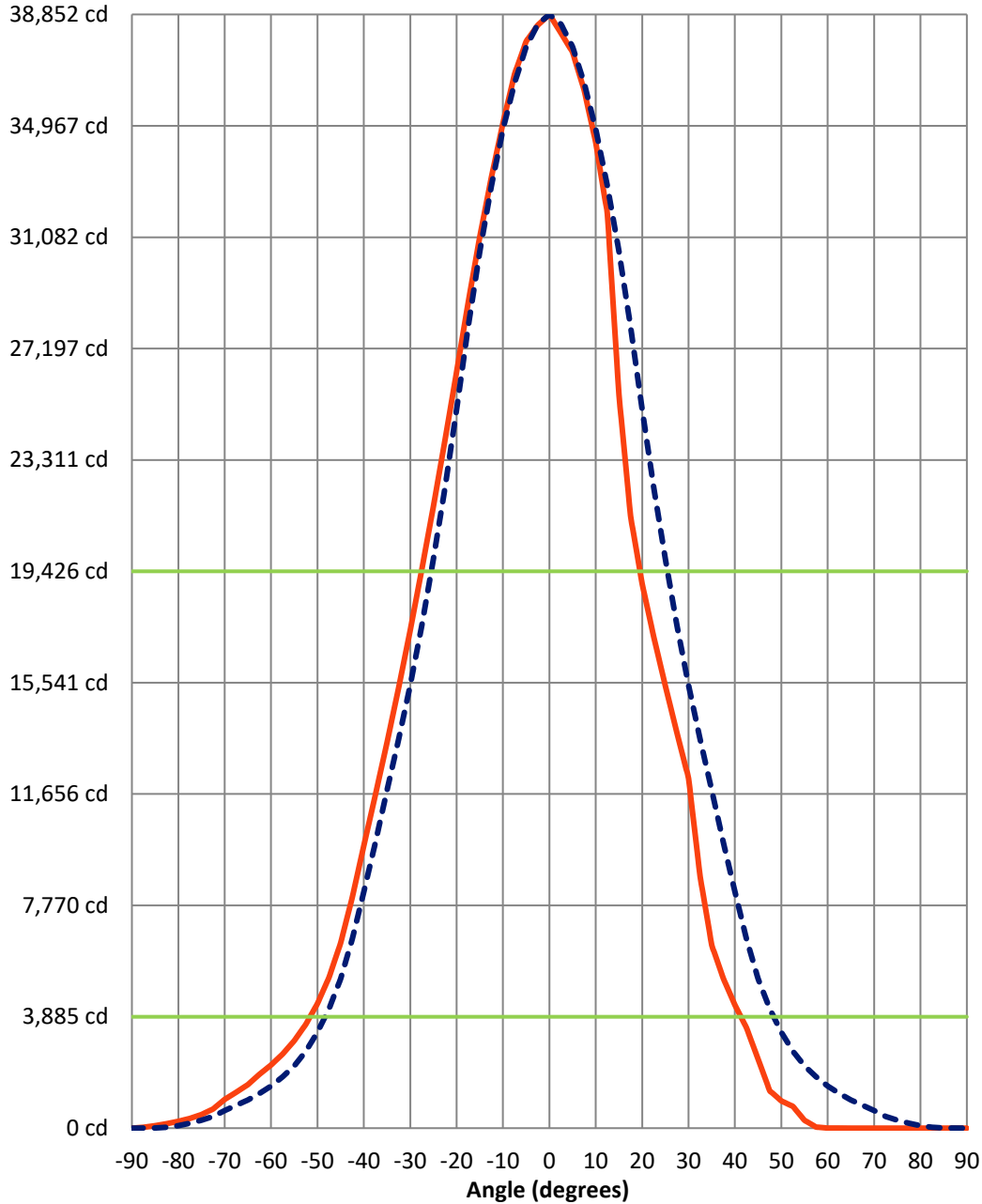
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 16502.3  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 30688.8  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 3587.3  
 Efficiency: 10.5%

- 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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	1.0	1.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0
67.5°	0.0	1.1	2.1	2.8	2.8	2.8	3.0	2.8	2.8	3.6	3.5
65°	0.0	1.2	2.4	2.8	2.8	3.1	3.4	2.8	4.0	4.6	5.4
62.5°	0.0	1.3	2.6	2.8	2.8	3.7	3.8	3.8	5.3	7.5	11.6
60°	0.0	1.4	2.8	2.8	2.8	4.5	4.4	5.3	6.7	18.4	19.9
57.5°	0.0	1.5	2.8	2.8	3.6	5.3	7.5	7.1	18.1	30.9	34.0
55°	0.0	1.6	2.9	2.8	4.4	6.1	11.5	10.5	33.1	46.7	52.8
52.5°	0.0	1.7	2.9	2.8	5.3	7.7	16.0	26.1	49.5	69.3	74.7
50°	0.0	1.8	3.0	2.8	6.2	12.5	21.2	43.2	69.2	94.4	114.0
47.5°	0.0	1.9	3.1	3.0	7.2	17.6	28.2	60.4	95.1	121.9	154.7
45°	0.0	2.0	3.1	3.8	8.2	23.1	43.2	77.8	121.0	157.9	194.9
42.5°	0.0	2.1	3.2	4.5	9.2	28.8	58.2	98.3	146.9	193.5	239.5
40°	0.0	2.1	3.3	5.5	12.1	34.9	73.1	120.7	173.8	228.2	286.1
37.5°	0.0	2.2	3.4	6.7	16.9	41.3	87.9	142.9	202.9	263.9	333.7
35°	0.0	2.3	3.6	8.0	21.7	51.3	102.6	164.7	232.2	306.5	385.4
32.5°	0.0	2.4	3.7	9.4	26.5	62.9	118.0	186.1	261.5	350.3	443.7
30°	0.0	2.4	3.8	10.9	31.4	74.2	135.4	208.0	290.7	395.0	502.4
27.5°	0.0	2.5	4.0	12.5	37.0	85.1	152.2	231.8	322.8	440.5	561.2
25°	0.0	2.5	4.1	14.1	42.6	95.7	168.5	255.2	359.9	488.8	620.1
22.5°	0.0	2.6	4.3	15.8	48.0	105.9	184.0	277.9	396.6	537.8	679.9
20°	0.0	2.6	4.4	17.5	53.3	115.9	198.8	299.8	432.6	585.7	736.8
17.5°	0.0	2.7	4.6	19.3	58.4	125.3	212.6	320.9	467.7	632.2	790.7
15°	0.0	2.7	4.7	21.0	63.2	134.1	225.1	339.6	501.6	677.0	841.6
12.5°	0.0	2.7	4.9	22.8	67.8	142.3	236.7	355.3	529.8	719.7	889.2
10°	0.0	2.8	5.0	24.5	72.1	149.7	247.1	369.3	552.2	745.0	926.6
7.5°	0.0	2.8	5.2	26.1	76.1	156.5	256.5	381.6	571.9	764.3	946.2
5°	0.0	2.8	5.3	27.7	79.8	162.5	264.7	392.1	588.8	779.6	962.0
2.5°	0.0	2.8	5.5	29.2	83.1	167.7	271.7	400.9	602.6	791.2	974.1
0°	0.0	2.8	5.6	30.5	86.0	172.1	277.5	407.9	613.3	799.2	982.4
-2.5°	0.0	3.0	6.4	32.4	89.9	177.5	285.1	419.7	625.3	810.8	995.4
-5°	0.0	3.1	7.3	34.2	93.4	182.1	291.3	429.5	634.1	819.1	1004.7
-7.5°	0.0	3.3	8.1	35.8	96.4	185.7	296.3	437.2	639.6	824.2	1010.1
-10°	0.0	3.5	8.8	37.2	98.8	188.5	299.8	442.7	642.0	826.3	1011.8
-12.5°	0.0	3.6	9.6	38.4	100.6	190.3	301.9	445.9	641.2	825.0	1007.1
-15°	0.0	3.7	10.2	39.4	101.8	191.2	302.6	446.5	636.6	817.8	997.3
-17.5°	0.0	3.9	10.9	40.2	102.4	191.1	301.7	445.6	628.4	808.1	983.8
-20°	0.0	4.0	11.5	40.7	102.3	190.0	300.8	443.6	618.1	795.9	966.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.1	12.0	41.0	101.5	187.9	301.0	439.6	605.9	781.4	945.6
-25°	0.0	4.1	12.4	40.9	99.9	187.2	299.6	433.7	592.0	764.8	921.0
-27.5°	0.0	4.2	12.8	40.7	97.6	186.4	296.8	426.0	576.6	745.5	898.2
-30°	0.0	4.2	13.1	40.1	94.8	184.4	292.4	416.6	562.9	723.9	873.8
-32.5°	0.0	4.2	13.3	39.2	93.6	181.3	286.5	408.7	549.5	701.3	847.6
-35°	0.0	4.2	13.4	38.1	91.6	176.9	280.9	400.2	534.3	677.9	819.8
-37.5°	0.0	4.2	13.5	36.7	88.9	172.2	274.5	389.9	517.3	653.9	787.0
-40°	0.0	4.2	13.4	34.9	85.4	168.0	266.6	377.9	498.6	631.5	752.1
-42.5°	0.0	4.1	13.3	33.3	82.8	162.7	257.2	364.1	481.3	602.4	714.9
-45°	0.0	4.1	13.1	32.0	81.2	156.4	246.2	349.7	463.5	571.3	676.2
-47.5°	0.0	4.0	12.8	30.3	78.7	149.0	233.8	335.0	443.6	539.1	640.4
-50°	0.0	3.8	12.4	29.8	75.4	140.5	222.9	318.5	417.5	509.7	603.5
-52.5°	0.0	3.7	11.9	29.3	71.3	131.1	211.2	300.2	391.6	479.1	566.0
-55°	0.0	3.6	11.3	28.6	66.4	123.4	198.1	280.7	364.8	447.2	530.7
-57.5°	0.0	3.4	10.7	27.4	60.7	115.0	183.8	263.2	336.7	415.0	494.1
-60°	0.0	3.2	10.0	25.9	54.4	105.5	168.6	242.3	307.9	381.6	456.5
-62.5°	0.0	3.0	9.4	24.1	50.6	94.9	153.9	218.9	279.3	346.9	417.5
-65°	0.0	2.8	8.7	21.9	46.3	83.3	137.6	194.6	248.9	310.3	377.2
-67.5°	0.0	2.5	8.0	19.5	41.4	72.9	120.1	170.0	216.8	271.6	332.4
-70°	0.0	2.3	7.2	16.8	36.0	63.9	101.2	144.6	186.5	231.1	284.3
-72.5°	0.0	2.0	6.4	14.8	30.2	54.3	86.1	118.4	155.3	194.4	235.7
-75°	0.0	1.8	5.6	12.9	24.0	44.0	70.6	96.5	123.2	156.8	192.4
-77.5°	0.0	1.5	4.7	11.0	19.8	33.1	54.5	75.8	97.8	121.0	148.0
-80°	0.0	1.2	3.8	8.9	16.1	25.3	37.6	54.8	72.7	91.7	111.5
-82.5°	0.0	0.9	2.9	6.7	12.2	19.2	27.7	36.6	47.3	61.9	77.1
-85°	0.0	0.6	1.9	4.5	8.2	12.9	18.6	24.5	31.2	38.6	46.7
-87.5°	0.0	0.3	1.0	2.3	4.1	6.5	9.3	12.3	15.6	19.4	23.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	2.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.2	1.4
65°	2.8	2.8	3.8	4.1	2.9	2.8	2.8	2.8	2.9	2.5	2.6
62.5°	4.1	5.0	6.2	9.7	7.2	2.8	5.5	6.3	4.3	3.5	3.8
60°	12.2	8.3	21.4	29.6	19.4	10.2	12.6	25.2	20.8	5.7	14.7
57.5°	24.5	30.2	53.8	56.4	43.3	29.3	64.3	71.2	59.1	37.1	53.5
55°	51.1	71.8	90.8	89.7	90.2	113.4	133.3	130.9	115.4	159.1	200.3
52.5°	96.7	118.2	130.7	142.4	174.8	196.4	202.5	214.8	260.0	314.1	323.9
50°	141.9	164.0	180.5	222.7	255.9	273.0	288.8	330.2	398.6	435.7	441.7
47.5°	187.6	212.3	255.9	302.1	334.2	359.9	387.3	481.4	557.7	589.4	600.8
45°	235.3	278.1	332.5	379.9	417.1	451.9	541.2	669.6	723.4	771.9	895.3
42.5°	284.9	349.3	410.6	460.2	502.2	575.0	699.2	823.7	900.6	1003.7	1152.8
40°	348.0	420.3	491.3	541.8	594.2	704.5	858.3	990.1	1071.4	1209.8	1379.6
37.5°	412.2	496.6	573.3	626.7	700.2	849.5	1030.2	1188.0	1288.9	1401.5	1674.5
35°	475.6	574.6	653.3	724.8	815.6	1021.4	1244.1	1419.7	1544.4	1737.4	2082.7
32.5°	543.3	653.9	734.4	831.7	981.0	1211.1	1484.6	1679.6	1886.5	2164.1	2717.2
30°	615.3	728.2	820.7	937.7	1137.9	1406.4	1723.8	1968.9	2249.7	2700.5	3296.8
27.5°	687.1	802.2	916.2	1064.9	1284.9	1574.9	1906.4	2292.8	2655.7	3159.8	3811.6
25°	756.2	877.7	1009.7	1189.5	1427.4	1731.0	2092.9	2538.6	3012.2	3588.8	4354.1
22.5°	822.1	954.2	1108.9	1302.1	1547.6	1879.2	2310.8	2834.3	3403.4	4000.6	4880.1
20°	886.7	1039.7	1217.2	1433.5	1658.3	2015.9	2523.9	3157.8	3871.0	4689.2	5551.1
17.5°	950.5	1124.2	1329.1	1569.5	1841.9	2207.8	2742.4	3497.1	4365.0	5429.9	6491.2
15°	1013.0	1207.0	1437.3	1703.8	2027.0	2464.4	3071.6	3901.0	4949.7	6225.0	7482.0
12.5°	1073.6	1287.3	1541.1	1835.0	2206.7	2706.0	3381.9	4276.7	5478.3	7001.8	8546.1
10°	1131.8	1364.4	1639.7	1961.7	2378.7	2930.8	3656.1	4601.6	5877.1	7447.2	9164.7
7.5°	1161.4	1416.6	1723.9	2082.1	2541.0	3137.2	3894.7	4876.3	6188.6	7805.4	9527.5
5°	1182.5	1440.5	1755.5	2130.3	2630.2	3277.5	4077.4	5100.8	6418.3	8074.9	9773.2
2.5°	1198.8	1457.6	1778.6	2157.5	2665.5	3324.2	4137.7	5179.2	6541.5	8215.5	9916.3
0°	1210.0	1468.1	1792.8	2173.0	2683.6	3346.8	4165.5	5211.8	6593.8	8247.8	9968.4
-2.5°	1221.9	1482.4	1807.7	2197.2	2709.1	3377.6	4196.2	5234.8	6633.0	8256.7	9996.5
-5°	1228.7	1490.1	1813.5	2208.8	2717.3	3383.4	4194.0	5212.8	6601.8	8191.9	9935.4
-7.5°	1230.6	1491.0	1810.3	2206.5	2706.8	3357.2	4149.7	5147.8	6494.1	8060.8	9785.4
-10°	1227.6	1484.4	1798.4	2186.5	2676.3	3302.7	4070.4	5035.1	6317.2	7844.3	9531.9
-12.5°	1218.6	1470.5	1777.0	2153.8	2627.3	3225.2	3958.7	4874.3	6071.5	7543.3	9174.5
-15°	1204.2	1449.8	1746.1	2108.6	2559.5	3125.4	3815.2	4665.7	5755.2	7160.7	8729.5
-17.5°	1184.4	1422.4	1705.6	2050.8	2473.1	3004.3	3641.7	4421.5	5414.1	6733.7	8234.7
-20°	1159.1	1388.3	1655.5	1980.8	2373.3	2876.7	3480.6	4205.2	5094.9	6244.7	7651.0



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1128.3	1347.5	1602.6	1913.8	2284.9	2744.2	3300.5	3960.0	4736.8	5679.6	7013.7
-25°	1096.8	1308.5	1551.1	1839.1	2183.8	2594.0	3094.5	3695.3	4398.8	5261.8	6364.8
-27.5°	1065.6	1263.7	1491.5	1752.9	2070.6	2439.2	2900.9	3448.6	4075.5	4809.3	5707.6
-30°	1030.5	1213.6	1425.9	1662.7	1962.1	2304.3	2703.3	3172.6	3730.1	4393.2	5174.0
-32.5°	992.2	1159.8	1362.3	1584.5	1845.8	2157.3	2502.5	2927.0	3412.0	3959.0	4633.9
-35°	954.0	1113.9	1297.2	1500.4	1721.0	2012.7	2329.8	2682.1	3094.6	3579.0	4118.7
-37.5°	917.3	1063.9	1227.3	1416.9	1623.8	1865.9	2146.2	2464.2	2819.3	3204.6	3670.9
-40°	876.4	1009.8	1164.4	1336.1	1519.1	1729.1	1981.7	2251.6	2557.3	2896.4	3256.5
-42.5°	831.9	960.2	1101.3	1249.1	1417.1	1604.7	1814.2	2061.0	2315.0	2599.1	2913.4
-45°	788.3	906.1	1035.3	1170.3	1311.5	1477.2	1667.5	1872.9	2098.1	2329.9	2593.9
-47.5°	742.4	850.0	970.3	1087.9	1213.0	1354.4	1515.8	1702.2	1890.0	2096.4	2301.2
-50°	696.5	797.4	898.5	1008.3	1120.5	1238.0	1374.5	1535.3	1706.2	1877.5	2057.7
-52.5°	655.4	742.7	834.0	928.2	1030.4	1135.1	1248.8	1381.3	1530.7	1681.6	1836.9
-55°	613.4	693.8	769.3	853.7	942.0	1036.3	1137.7	1249.2	1362.0	1499.4	1633.1
-57.5°	572.3	643.7	709.3	781.3	859.8	939.9	1031.3	1126.0	1228.5	1332.3	1441.7
-60°	531.1	591.8	651.3	713.6	779.5	850.7	924.2	1007.5	1095.3	1185.5	1280.3
-62.5°	488.6	537.8	590.2	647.2	705.3	760.0	821.7	889.7	962.2	1039.7	1120.0
-65°	441.0	481.8	525.5	575.2	629.6	673.8	721.0	772.2	832.1	895.9	959.0
-67.5°	390.2	426.3	462.0	498.8	543.0	582.5	621.4	662.1	706.8	759.0	809.6
-70°	333.5	369.5	401.0	431.5	459.6	487.9	520.8	552.9	588.9	635.8	681.8
-72.5°	275.9	309.7	339.5	365.4	385.2	402.0	422.3	445.6	480.2	523.6	564.2
-75°	223.2	250.4	278.3	303.2	315.9	321.0	325.2	337.5	372.5	417.0	456.4
-77.5°	173.8	197.6	220.3	242.0	250.9	254.4	256.1	256.1	281.9	319.8	359.7
-80°	128.0	144.5	163.7	182.3	187.8	189.5	189.7	188.5	209.6	236.9	266.2
-82.5°	88.9	100.8	113.1	125.7	127.4	126.5	124.7	122.9	140.0	159.7	179.9
-85°	51.8	56.8	64.3	72.0	72.9	72.6	71.2	69.0	78.5	89.2	100.5
-87.5°	25.9	28.4	30.9	33.4	32.6	31.3	29.6	27.5	30.2	33.0	35.8
-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: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-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°	2.3	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.8	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.8	2.3	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.8	2.4	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.8	2.4	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.4	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.9	2.8	2.1	1.4	0.6	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.6	3.5	2.5	2.4	2.6	2.8	2.3	2.0	1.9	2.0	2.3
60°	15.7	9.0	9.1	11.6	9.9	4.6	9.1	11.5	10.7	8.1	7.1
57.5°	79.7	66.7	46.6	78.1	80.4	56.1	60.8	79.4	76.9	59.4	59.2
55°	200.7	203.6	218.6	238.4	253.0	259.8	265.7	295.6	327.4	358.6	374.2
52.5°	331.5	370.3	418.5	450.5	472.8	518.4	582.4	611.8	640.3	672.8	696.2
50°	488.3	555.6	604.1	611.1	687.1	736.5	748.1	803.2	863.3	900.6	927.5
47.5°	726.4	811.6	853.8	880.8	973.3	1074.8	1074.9	1106.6	1256.8	1335.5	1373.3
45°	1046.2	1117.3	1191.9	1385.8	1564.1	1620.6	1741.6	1905.6	2012.2	2158.9	2320.1
42.5°	1318.6	1452.0	1638.9	1852.4	2031.1	2179.9	2359.8	2556.9	2793.6	3016.3	3208.4
40°	1588.1	1753.3	1984.8	2217.0	2442.1	2648.2	2938.1	3191.6	3470.9	3777.2	4032.5
37.5°	1939.8	2151.3	2390.6	2683.4	3033.6	3262.4	3661.2	4025.4	4340.2	4710.0	4937.8
35°	2480.0	2755.7	2967.4	3559.4	3985.4	4253.1	4725.2	5323.8	5553.7	6019.5	6240.5
32.5°	3159.2	3525.5	4083.0	4866.8	5435.8	5928.4	6634.1	7241.5	7759.3	8227.2	8713.8
30°	3922.4	4487.6	5309.3	6350.9	6928.7	7618.8	8573.1	9293.3	10105.3	10996.6	11308.8
27.5°	4614.9	5461.5	6415.5	7259.2	8089.2	8948.7	9886.3	10811.5	11690.4	12432.1	12929.8
25°	5256.7	6282.0	7209.3	8110.8	9010.2	9978.1	11038.6	12088.0	13055.1	13818.3	14398.5
22.5°	5918.8	7002.0	7993.9	8908.7	9954.8	11051.7	12179.5	13383.1	14483.8	15275.5	15907.6
20°	6541.3	7746.0	8877.4	9919.0	10907.9	12174.1	13472.8	14749.6	15948.1	16891.1	17620.0
17.5°	7529.3	8575.1	9957.9	11311.1	12425.1	13588.2	15323.6	16641.4	17971.4	19100.9	19873.5
15°	8742.7	9892.6	11320.6	13178.9	14705.3	16038.0	17830.8	19974.4	21543.3	22985.1	23974.2
12.5°	9957.0	11257.7	12802.3	14893.5	17066.7	18636.6	20811.5	23527.9	25355.3	27587.5	28688.0
10°	10887.8	12521.1	14111.7	16020.1	18107.3	20342.7	22687.3	25228.7	27670.2	29587.0	31300.6
7.5°	11262.5	13002.3	14843.6	16790.8	18877.8	21184.9	23683.7	26328.2	28840.9	30981.9	32865.0
5°	11542.6	13325.2	15178.7	17169.7	19400.7	21810.0	24346.1	27122.5	29688.5	31983.2	33909.8
2.5°	11720.6	13520.0	15365.5	17389.7	19736.2	22216.9	24834.6	27684.5	30289.1	32651.4	34571.8
0°	11788.9	13562.2	15452.1	17536.3	19859.1	22345.6	25076.4	27959.8	30585.1	32869.0	34844.9
-2.5°	11798.2	13522.9	15457.8	17531.7	19754.3	22264.1	25027.8	27887.2	30459.1	32733.9	34727.5
-5°	11705.6	13429.6	15366.2	17408.8	19634.4	22125.3	24770.4	27533.5	29986.5	32200.3	34119.7
-7.5°	11517.9	13237.1	15130.9	17126.6	19292.3	21708.5	24248.9	26817.8	29224.2	31347.5	33179.2
-10°	11239.3	12922.4	14750.6	16695.1	18744.3	21042.5	23464.9	25919.3	28175.9	30139.5	31833.3
-12.5°	10862.1	12506.3	14252.1	16108.6	18015.9	20207.1	22494.4	24799.3	26856.1	28648.7	30168.5
-15°	10372.2	11978.0	13668.5	15424.1	17273.9	19255.3	21308.0	23422.2	25319.1	26908.9	28297.3
-17.5°	9795.0	11352.5	12957.9	14585.4	16340.5	18199.5	20105.1	22002.8	23620.7	25033.0	26302.6
-20°	9151.6	10652.3	12177.2	13694.4	15286.8	17006.1	18766.0	20432.9	21846.8	23130.0	24291.8



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8430.2	9866.6	11328.3	12748.1	14184.0	15740.8	17312.5	18820.0	20142.5	21240.2	22249.8
-25°	7658.0	8985.2	10365.4	11696.7	13018.3	14413.3	15840.9	17228.0	18391.9	19344.9	20179.2
-27.5°	6879.8	8092.6	9308.7	10562.0	11783.6	13070.9	14363.4	15561.4	16606.4	17483.9	18184.9
-30°	6061.9	7146.2	8256.7	9390.7	10557.1	11735.2	12903.0	13951.9	14864.1	15636.0	16241.8
-32.5°	5382.2	6205.8	7186.3	8215.7	9309.2	10382.5	11398.4	12354.5	13214.1	13888.0	14401.7
-35°	4730.7	5428.2	6162.4	7073.6	8013.0	9000.8	9935.3	10788.6	11554.8	12143.7	12627.0
-37.5°	4170.6	4722.2	5343.2	5993.7	6781.3	7597.9	8441.3	9243.8	9927.1	10440.7	10872.4
-40°	3685.8	4121.3	4617.5	5133.2	5712.7	6299.3	7033.7	7710.9	8268.6	8748.8	9139.9
-42.5°	3247.5	3615.1	3981.5	4404.5	4841.7	5313.3	5828.7	6329.6	6757.6	7159.5	7491.6
-45°	2869.2	3162.8	3454.9	3781.6	4102.6	4486.1	4854.3	5182.8	5529.5	5830.4	6067.2
-47.5°	2538.4	2767.3	3017.7	3262.3	3520.0	3808.8	4082.7	4332.7	4586.8	4806.9	4983.4
-50°	2244.4	2434.1	2638.5	2830.6	3039.1	3250.4	3453.0	3651.9	3844.8	4012.3	4142.5
-52.5°	1987.0	2152.8	2312.0	2465.1	2630.9	2787.3	2934.0	3098.0	3249.0	3380.9	3470.1
-55°	1767.9	1903.3	2033.8	2161.5	2286.9	2405.5	2522.4	2649.8	2766.3	2871.1	2937.5
-57.5°	1562.2	1677.4	1787.9	1892.2	1991.7	2085.9	2184.4	2282.4	2372.2	2451.2	2502.6
-60°	1375.0	1469.1	1564.7	1649.9	1730.1	1805.4	1888.3	1966.7	2039.1	2100.0	2135.5
-62.5°	1203.5	1287.9	1358.5	1425.8	1494.1	1562.0	1620.8	1678.6	1734.5	1781.7	1812.6
-65°	1024.2	1095.8	1155.8	1209.9	1258.7	1311.3	1361.6	1406.9	1447.3	1478.0	1497.5
-67.5°	863.8	916.4	964.6	1007.6	1051.2	1093.2	1131.9	1166.3	1196.7	1218.1	1232.1
-70°	724.4	764.6	804.0	843.1	881.9	914.7	942.8	968.5	991.8	1001.6	1005.9
-72.5°	602.0	637.6	672.2	706.8	739.1	764.7	785.3	804.2	821.2	806.6	780.9
-75°	490.9	522.4	554.7	585.1	613.6	633.2	648.5	662.6	675.4	643.7	600.0
-77.5°	400.0	427.6	451.6	475.3	498.8	511.3	521.0	530.5	539.7	504.2	459.5
-80°	296.8	319.0	339.3	359.3	378.9	386.4	390.7	393.6	395.2	364.9	329.8
-82.5°	200.5	212.0	223.2	234.8	246.8	253.0	257.7	261.3	263.9	242.4	218.1
-85°	112.4	115.9	118.6	120.9	122.8	126.7	130.5	133.9	137.1	126.9	115.6
-87.5°	38.6	38.6	38.5	38.1	37.7	37.8	37.8	37.7	37.6	35.9	34.2
-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: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.0	1.9	2.0
60°	5.5	3.4	2.8	2.8	2.8	3.4	5.5	7.1	8.1	10.7	11.5
57.5°	55.2	48.2	43.2	38.9	43.2	48.2	55.2	59.2	59.4	76.9	79.4
55°	367.5	342.2	311.2	274.7	311.2	342.2	367.5	374.2	358.6	327.4	295.6
52.5°	721.0	745.0	758.8	757.6	758.8	745.0	721.0	696.2	672.8	640.3	611.8
50°	949.0	962.1	962.7	951.9	962.7	962.1	949.0	927.5	900.6	863.3	803.2
47.5°	1390.5	1372.2	1340.9	1307.1	1340.9	1372.2	1390.5	1373.3	1335.5	1256.8	1106.6
45°	2426.3	2484.7	2480.9	2406.1	2480.9	2484.7	2426.3	2320.1	2158.9	2012.2	1905.6
42.5°	3315.7	3403.2	3465.2	3496.7	3465.2	3403.2	3315.7	3208.4	3016.3	2793.6	2556.9
40°	4176.3	4260.9	4298.1	4296.0	4298.1	4260.9	4176.3	4032.5	3777.2	3470.9	3191.6
37.5°	5085.6	5195.1	5248.1	5222.9	5248.1	5195.1	5085.6	4937.8	4710.0	4340.2	4025.4
35°	6336.2	6438.6	6440.5	6388.4	6440.5	6438.6	6336.2	6240.5	6019.5	5553.7	5323.8
32.5°	9100.1	9134.4	8871.2	8777.8	8871.2	9134.4	9100.1	8713.8	8227.2	7759.3	7241.5
30°	11619.5	11862.4	12088.4	12202.4	12088.4	11862.4	11619.5	11308.8	10996.6	10105.3	9293.3
27.5°	13305.0	13597.2	13778.3	13789.8	13778.3	13597.2	13305.0	12929.8	12432.1	11690.4	10811.5
25°	14838.0	15164.8	15362.3	15429.9	15362.3	15164.8	14838.0	14398.5	13818.3	13055.1	12088.0
22.5°	16444.1	16829.2	17084.4	17136.6	17084.4	16829.2	16444.1	15907.6	15275.5	14483.8	13383.1
20°	18307.5	18755.8	19000.5	18990.4	19000.5	18755.8	18307.5	17620.0	16891.1	15948.1	14749.6
17.5°	20760.8	21241.5	21452.8	21360.4	21452.8	21241.5	20760.8	19873.5	19100.9	17971.4	16641.4
15°	24989.5	25995.1	25991.1	25589.8	25991.1	25995.1	24989.5	23974.2	22985.1	21543.3	19974.4
12.5°	30205.7	30955.2	31724.1	31889.4	31724.1	30955.2	30205.7	28688.0	27587.5	25355.3	23527.9
10°	32743.8	33739.2	34396.0	34378.7	34396.0	33739.2	32743.8	31300.6	29587.0	27670.2	25228.7
7.5°	34331.7	35431.3	36227.4	36210.3	36227.4	35431.3	34331.7	32865.0	30981.9	28840.9	26328.2
5°	35557.2	36776.9	37481.9	37534.1	37481.9	36776.9	35557.2	33909.8	31983.2	29688.5	27122.5
2.5°	36193.9	37466.8	38314.5	38202.9	38314.5	37466.8	36193.9	34571.8	32651.4	30289.1	27684.5
0°	36460.1	37720.0	38510.9	38852.3	38510.9	37720.0	36460.1	34844.9	32869.0	30585.1	27959.8
-2.5°	36343.8	37569.8	38443.9	38477.6	38443.9	37569.8	36343.8	34727.5	32733.9	30459.1	27887.2
-5°	35721.1	37014.8	37600.4	37911.5	37600.4	37014.8	35721.1	34119.7	32200.3	29986.5	27533.5
-7.5°	34716.8	35686.4	36430.2	36773.7	36430.2	35686.4	34716.8	33179.2	31347.5	29224.2	26817.8
-10°	33153.9	34157.6	34786.2	35069.7	34786.2	34157.6	33153.9	31833.3	30139.5	28175.9	25919.3
-12.5°	31422.5	32334.6	32932.3	33171.5	32932.3	32334.6	31422.5	30168.5	28648.7	26856.1	24799.3
-15°	29490.8	30319.0	30869.0	31098.5	30869.0	30319.0	29490.8	28297.3	26908.9	25319.1	23422.2
-17.5°	27364.3	28090.0	28638.1	28803.4	28638.1	28090.0	27364.3	26302.6	25033.0	23620.7	22002.8
-20°	25177.7	25833.7	26285.2	26383.5	26285.2	25833.7	25177.7	24291.8	23130.0	21846.8	20432.9



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22974.5	23515.0	23881.6	24005.2	23881.6	23515.0	22974.5	22249.8	21240.2	20142.5	18820.0
-25°	20821.3	21287.8	21582.9	21693.4	21582.9	21287.8	20821.3	20179.2	19344.9	18391.9	17228.0
-27.5°	18750.6	19185.3	19456.4	19492.7	19456.4	19185.3	18750.6	18184.9	17483.9	16606.4	15561.4
-30°	16713.0	17072.2	17281.2	17369.7	17281.2	17072.2	16713.0	16241.8	15636.0	14864.1	13951.9
-32.5°	14808.8	15122.6	15310.3	15360.5	15310.3	15122.6	14808.8	14401.7	13888.0	13214.1	12354.5
-35°	13011.2	13301.0	13467.4	13454.0	13467.4	13301.0	13011.2	12627.0	12143.7	11554.8	10788.6
-37.5°	11229.2	11496.6	11647.6	11633.5	11647.6	11496.6	11229.2	10872.4	10440.7	9927.1	9243.8
-40°	9461.5	9692.2	9825.1	9857.4	9825.1	9692.2	9461.5	9139.9	8748.8	8268.6	7710.9
-42.5°	7767.8	7980.7	8087.1	8045.2	8087.1	7980.7	7767.8	7491.6	7159.5	6757.6	6329.6
-45°	6232.9	6343.0	6415.5	6460.6	6415.5	6343.0	6232.9	6067.2	5830.4	5529.5	5182.8
-47.5°	5112.6	5203.8	5253.1	5261.7	5253.1	5203.8	5112.6	4983.4	4806.9	4586.8	4332.7
-50°	4243.8	4321.4	4355.7	4345.9	4355.7	4321.4	4243.8	4142.5	4012.3	3844.8	3651.9
-52.5°	3534.2	3579.2	3609.6	3624.4	3609.6	3579.2	3534.2	3470.1	3380.9	3249.0	3098.0
-55°	2987.4	3022.5	3043.0	3049.9	3043.0	3022.5	2987.4	2937.5	2871.1	2766.3	2649.8
-57.5°	2545.3	2578.7	2590.8	2586.5	2590.8	2578.7	2545.3	2502.6	2451.2	2372.2	2282.4
-60°	2162.8	2181.8	2196.2	2203.5	2196.2	2181.8	2162.8	2135.5	2100.0	2039.1	1966.7
-62.5°	1837.3	1855.2	1870.1	1878.8	1870.1	1855.2	1837.3	1812.6	1781.7	1734.5	1678.6
-65°	1511.3	1519.2	1521.4	1518.0	1521.4	1519.2	1511.3	1497.5	1478.0	1447.3	1406.9
-67.5°	1242.6	1249.2	1253.7	1254.4	1253.7	1249.2	1242.6	1232.1	1218.1	1196.7	1166.3
-70°	1010.2	1013.0	1009.7	1001.8	1009.7	1013.0	1010.2	1005.9	1001.6	991.8	968.5
-72.5°	754.6	727.0	699.4	668.8	699.4	727.0	754.6	780.9	806.6	821.2	804.2
-75°	554.8	508.0	491.0	474.6	491.0	508.0	554.8	600.0	643.7	675.4	662.6
-77.5°	412.6	363.8	350.8	338.6	350.8	363.8	412.6	459.5	504.2	539.7	530.5
-80°	293.2	255.1	246.8	238.7	246.8	255.1	293.2	329.8	364.9	395.2	393.6
-82.5°	192.6	166.1	160.8	155.4	160.8	166.1	192.6	218.1	242.4	263.9	261.3
-85°	103.7	91.2	88.7	86.0	88.7	91.2	103.7	115.6	126.9	137.1	133.9
-87.5°	32.3	30.4	30.5	30.5	30.5	30.4	32.3	34.2	35.9	37.6	37.7
-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°	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	0.0	0.0	0.6	1.2	1.8	2.3	2.2	2.1	2.1	2.0
85°	0.0	0.0	0.0	0.7	1.4	2.1	2.8	2.8	2.8	2.8	2.8
82.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
80°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.0	0.1	0.9	1.6	2.3	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.0	0.2	0.9	1.6	2.4	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.2	0.8	1.7	2.4	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.6	2.3	2.7	2.8	2.8
67.5°	0.0	0.0	0.5	1.2	1.5	1.4	1.3	1.4	2.2	2.8	2.8
65°	0.7	0.5	0.6	1.4	2.1	2.8	2.9	2.6	2.5	2.9	2.8
62.5°	2.3	2.8	2.6	2.4	2.5	3.5	3.6	3.8	3.5	4.3	6.3
60°	9.1	4.6	9.9	11.6	9.1	9.0	15.7	14.7	5.7	20.8	25.2
57.5°	60.8	56.1	80.4	78.1	46.6	66.7	79.7	53.5	37.1	59.1	71.2
55°	265.7	259.8	253.0	238.4	218.6	203.6	200.7	200.3	159.1	115.4	130.9
52.5°	582.4	518.4	472.8	450.5	418.5	370.3	331.5	323.9	314.1	260.0	214.8
50°	748.1	736.5	687.1	611.1	604.1	555.6	488.3	441.7	435.7	398.6	330.2
47.5°	1074.9	1074.8	973.3	880.8	853.8	811.6	726.4	600.8	589.4	557.7	481.4
45°	1741.6	1620.6	1564.1	1385.8	1191.9	1117.3	1046.2	895.3	771.9	723.4	669.6
42.5°	2359.8	2179.9	2031.1	1852.4	1638.9	1452.0	1318.6	1152.8	1003.7	900.6	823.7
40°	2938.1	2648.2	2442.1	2217.0	1984.8	1753.3	1588.1	1379.6	1209.8	1071.4	990.1
37.5°	3661.2	3262.4	3033.6	2683.4	2390.6	2151.3	1939.8	1674.5	1401.5	1288.9	1188.0
35°	4725.2	4253.1	3985.4	3559.4	2967.4	2755.7	2480.0	2082.7	1737.4	1544.4	1419.7
32.5°	6634.1	5928.4	5435.8	4866.8	4083.0	3525.5	3159.2	2717.2	2164.1	1886.5	1679.6
30°	8573.1	7618.8	6928.7	6350.9	5309.3	4487.6	3922.4	3296.8	2700.5	2249.7	1968.9
27.5°	9886.3	8948.7	8089.2	7259.2	6415.5	5461.5	4614.9	3811.6	3159.8	2655.7	2292.8
25°	11038.6	9978.1	9010.2	8110.8	7209.3	6282.0	5256.7	4354.1	3588.8	3012.2	2538.6
22.5°	12179.5	11051.7	9954.8	8908.7	7993.9	7002.0	5918.8	4880.1	4000.6	3403.4	2834.3
20°	13472.8	12174.1	10907.9	9919.0	8877.4	7746.0	6541.3	5551.1	4689.2	3871.0	3157.8
17.5°	15323.6	13588.2	12425.1	11311.1	9957.9	8575.1	7529.3	6491.2	5429.9	4365.0	3497.1
15°	17830.8	16038.0	14705.3	13178.9	11320.6	9892.6	8742.7	7482.0	6225.0	4949.7	3901.0
12.5°	20811.5	18636.6	17066.7	14893.5	12802.3	11257.7	9957.0	8546.1	7001.8	5478.3	4276.7
10°	22687.3	20342.7	18107.3	16020.1	14111.7	12521.1	10887.8	9164.7	7447.2	5877.1	4601.6
7.5°	23683.7	21184.9	18877.8	16790.8	14843.6	13002.3	11262.5	9527.5	7805.4	6188.6	4876.3
5°	24346.1	21810.0	19400.7	17169.7	15178.7	13325.2	11542.6	9773.2	8074.9	6418.3	5100.8
2.5°	24834.6	22216.9	19736.2	17389.7	15365.5	13520.0	11720.6	9916.3	8215.5	6541.5	5179.2
0°	25076.4	22345.6	19859.1	17536.3	15452.1	13562.2	11788.9	9968.4	8247.8	6593.8	5211.8
-2.5°	25027.8	22264.1	19754.3	17531.7	15457.8	13522.9	11798.2	9996.5	8256.7	6633.0	5234.8
-5°	24770.4	22125.3	19634.4	17408.8	15366.2	13429.6	11705.6	9935.4	8191.9	6601.8	5212.8
-7.5°	24248.9	21708.5	19292.3	17126.6	15130.9	13237.1	11517.9	9785.4	8060.8	6494.1	5147.8
-10°	23464.9	21042.5	18744.3	16695.1	14750.6	12922.4	11239.3	9531.9	7844.3	6317.2	5035.1
-12.5°	22494.4	20207.1	18015.9	16108.6	14252.1	12506.3	10862.1	9174.5	7543.3	6071.5	4874.3
-15°	21308.0	19255.3	17273.9	15424.1	13668.5	11978.0	10372.2	8729.5	7160.7	5755.2	4665.7
-17.5°	20105.1	18199.5	16340.5	14585.4	12957.9	11352.5	9795.0	8234.7	6733.7	5414.1	4421.5
-20°	18766.0	17006.1	15286.8	13694.4	12177.2	10652.3	9151.6	7651.0	6244.7	5094.9	4205.2



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17312.5	15740.8	14184.0	12748.1	11328.3	9866.6	8430.2	7013.7	5679.6	4736.8	3960.0
-25°	15840.9	14413.3	13018.3	11696.7	10365.4	8985.2	7658.0	6364.8	5261.8	4398.8	3695.3
-27.5°	14363.4	13070.9	11783.6	10562.0	9308.7	8092.6	6879.8	5707.6	4809.3	4075.5	3448.6
-30°	12903.0	11735.2	10557.1	9390.7	8256.7	7146.2	6061.9	5174.0	4393.2	3730.1	3172.6
-32.5°	11398.4	10382.5	9309.2	8215.7	7186.3	6205.8	5382.2	4633.9	3959.0	3412.0	2927.0
-35°	9935.3	9000.8	8013.0	7073.6	6162.4	5428.2	4730.7	4118.7	3579.0	3094.6	2682.1
-37.5°	8441.3	7597.9	6781.3	5993.7	5343.2	4722.2	4170.6	3670.9	3204.6	2819.3	2464.2
-40°	7033.7	6299.3	5712.7	5133.2	4617.5	4121.3	3685.8	3256.5	2896.4	2557.3	2251.6
-42.5°	5828.7	5313.3	4841.7	4404.5	3981.5	3615.1	3247.5	2913.4	2599.1	2315.0	2061.0
-45°	4854.3	4486.1	4102.6	3781.6	3454.9	3162.8	2869.2	2593.9	2329.9	2098.1	1872.9
-47.5°	4082.7	3808.8	3520.0	3262.3	3017.7	2767.3	2538.4	2301.2	2096.4	1890.0	1702.2
-50°	3453.0	3250.4	3039.1	2830.6	2638.5	2434.1	2244.4	2057.7	1877.5	1706.2	1535.3
-52.5°	2934.0	2787.3	2630.9	2465.1	2312.0	2152.8	1987.0	1836.9	1681.6	1530.7	1381.3
-55°	2522.4	2405.5	2286.9	2161.5	2033.8	1903.3	1767.9	1633.1	1499.4	1362.0	1249.2
-57.5°	2184.4	2085.9	1991.7	1892.2	1787.9	1677.4	1562.2	1441.7	1332.3	1228.5	1126.0
-60°	1888.3	1805.4	1730.1	1649.9	1564.7	1469.1	1375.0	1280.3	1185.5	1095.3	1007.5
-62.5°	1620.8	1562.0	1494.1	1425.8	1358.5	1287.9	1203.5	1120.0	1039.7	962.2	889.7
-65°	1361.6	1311.3	1258.7	1209.9	1155.8	1095.8	1024.2	959.0	895.9	832.1	772.2
-67.5°	1131.9	1093.2	1051.2	1007.6	964.6	916.4	863.8	809.6	759.0	706.8	662.1
-70°	942.8	914.7	881.9	843.1	804.0	764.6	724.4	681.8	635.8	588.9	552.9
-72.5°	785.3	764.7	739.1	706.8	672.2	637.6	602.0	564.2	523.6	480.2	445.6
-75°	648.5	633.2	613.6	585.1	554.7	522.4	490.9	456.4	417.0	372.5	337.5
-77.5°	521.0	511.3	498.8	475.3	451.6	427.6	400.0	359.7	319.8	281.9	256.1
-80°	390.7	386.4	378.9	359.3	339.3	319.0	296.8	266.2	236.9	209.6	188.5
-82.5°	257.7	253.0	246.8	234.8	223.2	212.0	200.5	179.9	159.7	140.0	122.9
-85°	130.5	126.7	122.8	120.9	118.6	115.9	112.4	100.5	89.2	78.5	69.0
-87.5°	37.8	37.8	37.7	38.1	38.5	38.6	38.6	35.8	33.0	30.2	27.5
-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: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1	1.9	1.7
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	2.8	2.8	2.8
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	3.5	3.6	2.8	2.8
65°	2.8	2.8	2.9	4.1	3.8	2.8	2.8	5.4	4.6	4.0	2.8
62.5°	5.5	2.8	7.2	9.7	6.2	5.0	4.1	11.6	7.5	5.3	3.8
60°	12.6	10.2	19.4	29.6	21.4	8.3	12.2	19.9	18.4	6.7	5.3
57.5°	64.3	29.3	43.3	56.4	53.8	30.2	24.5	34.0	30.9	18.1	7.1
55°	133.3	113.4	90.2	89.7	90.8	71.8	51.1	52.8	46.7	33.1	10.5
52.5°	202.5	196.4	174.8	142.4	130.7	118.2	96.7	74.7	69.3	49.5	26.1
50°	288.8	273.0	255.9	222.7	180.5	164.0	141.9	114.0	94.4	69.2	43.2
47.5°	387.3	359.9	334.2	302.1	255.9	212.3	187.6	154.7	121.9	95.1	60.4
45°	541.2	451.9	417.1	379.9	332.5	278.1	235.3	194.9	157.9	121.0	77.8
42.5°	699.2	575.0	502.2	460.2	410.6	349.3	284.9	239.5	193.5	146.9	98.3
40°	858.3	704.5	594.2	541.8	491.3	420.3	348.0	286.1	228.2	173.8	120.7
37.5°	1030.2	849.5	700.2	626.7	573.3	496.6	412.2	333.7	263.9	202.9	142.9
35°	1244.1	1021.4	815.6	724.8	653.3	574.6	475.6	385.4	306.5	232.2	164.7
32.5°	1484.6	1211.1	981.0	831.7	734.4	653.9	543.3	443.7	350.3	261.5	186.1
30°	1723.8	1406.4	1137.9	937.7	820.7	728.2	615.3	502.4	395.0	290.7	208.0
27.5°	1906.4	1574.9	1284.9	1064.9	916.2	802.2	687.1	561.2	440.5	322.8	231.8
25°	2092.9	1731.0	1427.4	1189.5	1009.7	877.7	756.2	620.1	488.8	359.9	255.2
22.5°	2310.8	1879.2	1547.6	1302.1	1108.9	954.2	822.1	679.9	537.8	396.6	277.9
20°	2523.9	2015.9	1658.3	1433.5	1217.2	1039.7	886.7	736.8	585.7	432.6	299.8
17.5°	2742.4	2207.8	1841.9	1569.5	1329.1	1124.2	950.5	790.7	632.2	467.7	320.9
15°	3071.6	2464.4	2027.0	1703.8	1437.3	1207.0	1013.0	841.6	677.0	501.6	339.6
12.5°	3381.9	2706.0	2206.7	1835.0	1541.1	1287.3	1073.6	889.2	719.7	529.8	355.3
10°	3656.1	2930.8	2378.7	1961.7	1639.7	1364.4	1131.8	926.6	745.0	552.2	369.3
7.5°	3894.7	3137.2	2541.0	2082.1	1723.9	1416.6	1161.4	946.2	764.3	571.9	381.6
5°	4077.4	3277.5	2630.2	2130.3	1755.5	1440.5	1182.5	962.0	779.6	588.8	392.1
2.5°	4137.7	3324.2	2665.5	2157.5	1778.6	1457.6	1198.8	974.1	791.2	602.6	400.9
0°	4165.5	3346.8	2683.6	2173.0	1792.8	1468.1	1210.0	982.4	799.2	613.3	407.9
-2.5°	4196.2	3377.6	2709.1	2197.2	1807.7	1482.4	1221.9	995.4	810.8	625.3	419.7
-5°	4194.0	3383.4	2717.3	2208.8	1813.5	1490.1	1228.7	1004.7	819.1	634.1	429.5
-7.5°	4149.7	3357.2	2706.8	2206.5	1810.3	1491.0	1230.6	1010.1	824.2	639.6	437.2
-10°	4070.4	3302.7	2676.3	2186.5	1798.4	1484.4	1227.6	1011.8	826.3	642.0	442.7
-12.5°	3958.7	3225.2	2627.3	2153.8	1777.0	1470.5	1218.6	1007.1	825.0	641.2	445.9
-15°	3815.2	3125.4	2559.5	2108.6	1746.1	1449.8	1204.2	997.3	817.8	636.6	446.5
-17.5°	3641.7	3004.3	2473.1	2050.8	1705.6	1422.4	1184.4	983.8	808.1	628.4	445.6
-20°	3480.6	2876.7	2373.3	1980.8	1655.5	1388.3	1159.1	966.6	795.9	618.1	443.6

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3300.5	2744.2	2284.9	1913.8	1602.6	1347.5	1128.3	945.6	781.4	605.9	439.6
-25°	3094.5	2594.0	2183.8	1839.1	1551.1	1308.5	1096.8	921.0	764.8	592.0	433.7
-27.5°	2900.9	2439.2	2070.6	1752.9	1491.5	1263.7	1065.6	898.2	745.5	576.6	426.0
-30°	2703.3	2304.3	1962.1	1662.7	1425.9	1213.6	1030.5	873.8	723.9	562.9	416.6
-32.5°	2502.5	2157.3	1845.8	1584.5	1362.3	1159.8	992.2	847.6	701.3	549.5	408.7
-35°	2329.8	2012.7	1721.0	1500.4	1297.2	1113.9	954.0	819.8	677.9	534.3	400.2
-37.5°	2146.2	1865.9	1623.8	1416.9	1227.3	1063.9	917.3	787.0	653.9	517.3	389.9
-40°	1981.7	1729.1	1519.1	1336.1	1164.4	1009.8	876.4	752.1	631.5	498.6	377.9
-42.5°	1814.2	1604.7	1417.1	1249.1	1101.3	960.2	831.9	714.9	602.4	481.3	364.1
-45°	1667.5	1477.2	1311.5	1170.3	1035.3	906.1	788.3	676.2	571.3	463.5	349.7
-47.5°	1515.8	1354.4	1213.0	1087.9	970.3	850.0	742.4	640.4	539.1	443.6	335.0
-50°	1374.5	1238.0	1120.5	1008.3	898.5	797.4	696.5	603.5	509.7	417.5	318.5
-52.5°	1248.8	1135.1	1030.4	928.2	834.0	742.7	655.4	566.0	479.1	391.6	300.2
-55°	1137.7	1036.3	942.0	853.7	769.3	693.8	613.4	530.7	447.2	364.8	280.7
-57.5°	1031.3	939.9	859.8	781.3	709.3	643.7	572.3	494.1	415.0	336.7	263.2
-60°	924.2	850.7	779.5	713.6	651.3	591.8	531.1	456.5	381.6	307.9	242.3
-62.5°	821.7	760.0	705.3	647.2	590.2	537.8	488.6	417.5	346.9	279.3	218.9
-65°	721.0	673.8	629.6	575.2	525.5	481.8	441.0	377.2	310.3	248.9	194.6
-67.5°	621.4	582.5	543.0	498.8	462.0	426.3	390.2	332.4	271.6	216.8	170.0
-70°	520.8	487.9	459.6	431.5	401.0	369.5	333.5	284.3	231.1	186.5	144.6
-72.5°	422.3	402.0	385.2	365.4	339.5	309.7	275.9	235.7	194.4	155.3	118.4
-75°	325.2	321.0	315.9	303.2	278.3	250.4	223.2	192.4	156.8	123.2	96.5
-77.5°	256.1	254.4	250.9	242.0	220.3	197.6	173.8	148.0	121.0	97.8	75.8
-80°	189.7	189.5	187.8	182.3	163.7	144.5	128.0	111.5	91.7	72.7	54.8
-82.5°	124.7	126.5	127.4	125.7	113.1	100.8	88.9	77.1	61.9	47.3	36.6
-85°	71.2	72.6	72.9	72.0	64.3	56.8	51.8	46.7	38.6	31.2	24.5
-87.5°	29.6	31.3	32.6	33.4	30.9	28.4	25.9	23.4	19.4	15.6	12.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627772 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
70°	2.8	2.8	2.8	2.8	1.9	1.0	0.0
67.5°	3.0	2.8	2.8	2.8	2.1	1.1	0.0
65°	3.4	3.1	2.8	2.8	2.4	1.2	0.0
62.5°	3.8	3.7	2.8	2.8	2.6	1.3	0.0
60°	4.4	4.5	2.8	2.8	2.8	1.4	0.0
57.5°	7.5	5.3	3.6	2.8	2.8	1.5	0.0
55°	11.5	6.1	4.4	2.8	2.9	1.6	0.0
52.5°	16.0	7.7	5.3	2.8	2.9	1.7	0.0
50°	21.2	12.5	6.2	2.8	3.0	1.8	0.0
47.5°	28.2	17.6	7.2	3.0	3.1	1.9	0.0
45°	43.2	23.1	8.2	3.8	3.1	2.0	0.0
42.5°	58.2	28.8	9.2	4.5	3.2	2.1	0.0
40°	73.1	34.9	12.1	5.5	3.3	2.1	0.0
37.5°	87.9	41.3	16.9	6.7	3.4	2.2	0.0
35°	102.6	51.3	21.7	8.0	3.6	2.3	0.0
32.5°	118.0	62.9	26.5	9.4	3.7	2.4	0.0
30°	135.4	74.2	31.4	10.9	3.8	2.4	0.0
27.5°	152.2	85.1	37.0	12.5	4.0	2.5	0.0
25°	168.5	95.7	42.6	14.1	4.1	2.5	0.0
22.5°	184.0	105.9	48.0	15.8	4.3	2.6	0.0
20°	198.8	115.9	53.3	17.5	4.4	2.6	0.0
17.5°	212.6	125.3	58.4	19.3	4.6	2.7	0.0
15°	225.1	134.1	63.2	21.0	4.7	2.7	0.0
12.5°	236.7	142.3	67.8	22.8	4.9	2.7	0.0
10°	247.1	149.7	72.1	24.5	5.0	2.8	0.0
7.5°	256.5	156.5	76.1	26.1	5.2	2.8	0.0
5°	264.7	162.5	79.8	27.7	5.3	2.8	0.0
2.5°	271.7	167.7	83.1	29.2	5.5	2.8	0.0
0°	277.5	172.1	86.0	30.5	5.6	2.8	0.0
-2.5°	285.1	177.5	89.9	32.4	6.4	3.0	0.0
-5°	291.3	182.1	93.4	34.2	7.3	3.1	0.0
-7.5°	296.3	185.7	96.4	35.8	8.1	3.3	0.0
-10°	299.8	188.5	98.8	37.2	8.8	3.5	0.0
-12.5°	301.9	190.3	100.6	38.4	9.6	3.6	0.0
-15°	302.6	191.2	101.8	39.4	10.2	3.7	0.0
-17.5°	301.7	191.1	102.4	40.2	10.9	3.9	0.0
-20°	300.8	190.0	102.3	40.7	11.5	4.0	0.0

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CATALOG NUMBER: GFLD-SA5E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	301.0	187.9	101.5	41.0	12.0	4.1	0.0
-25°	299.6	187.2	99.9	40.9	12.4	4.1	0.0
-27.5°	296.8	186.4	97.6	40.7	12.8	4.2	0.0
-30°	292.4	184.4	94.8	40.1	13.1	4.2	0.0
-32.5°	286.5	181.3	93.6	39.2	13.3	4.2	0.0
-35°	280.9	176.9	91.6	38.1	13.4	4.2	0.0
-37.5°	274.5	172.2	88.9	36.7	13.5	4.2	0.0
-40°	266.6	168.0	85.4	34.9	13.4	4.2	0.0
-42.5°	257.2	162.7	82.8	33.3	13.3	4.1	0.0
-45°	246.2	156.4	81.2	32.0	13.1	4.1	0.0
-47.5°	233.8	149.0	78.7	30.3	12.8	4.0	0.0
-50°	222.9	140.5	75.4	29.8	12.4	3.8	0.0
-52.5°	211.2	131.1	71.3	29.3	11.9	3.7	0.0
-55°	198.1	123.4	66.4	28.6	11.3	3.6	0.0
-57.5°	183.8	115.0	60.7	27.4	10.7	3.4	0.0
-60°	168.6	105.5	54.4	25.9	10.0	3.2	0.0
-62.5°	153.9	94.9	50.6	24.1	9.4	3.0	0.0
-65°	137.6	83.3	46.3	21.9	8.7	2.8	0.0
-67.5°	120.1	72.9	41.4	19.5	8.0	2.5	0.0
-70°	101.2	63.9	36.0	16.8	7.2	2.3	0.0
-72.5°	86.1	54.3	30.2	14.8	6.4	2.0	0.0
-75°	70.6	44.0	24.0	12.9	5.6	1.8	0.0
-77.5°	54.5	33.1	19.8	11.0	4.7	1.5	0.0
-80°	37.6	25.3	16.1	8.9	3.8	1.2	0.0
-82.5°	27.7	19.2	12.2	6.7	2.9	0.9	0.0
-85°	18.6	12.9	8.2	4.5	1.9	0.6	0.0
-87.5°	9.3	6.5	4.1	2.3	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)