

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: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627412 (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-SA4C-740-U-WR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

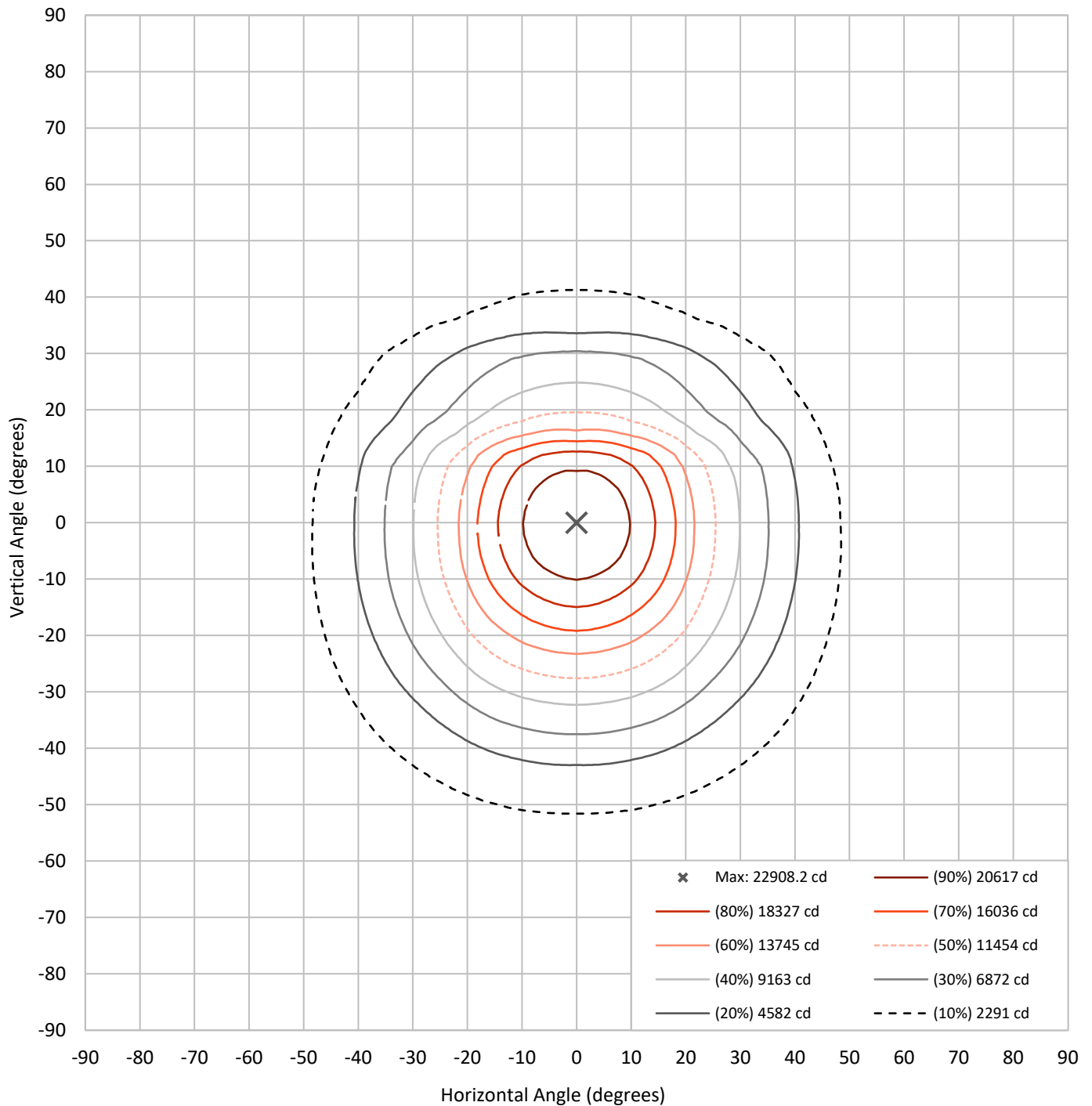
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20209.9 lumens	Max Intensity:	22908.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	9730.1 lumens	Field Lumens:	18094.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

### Iso-Candela Plot





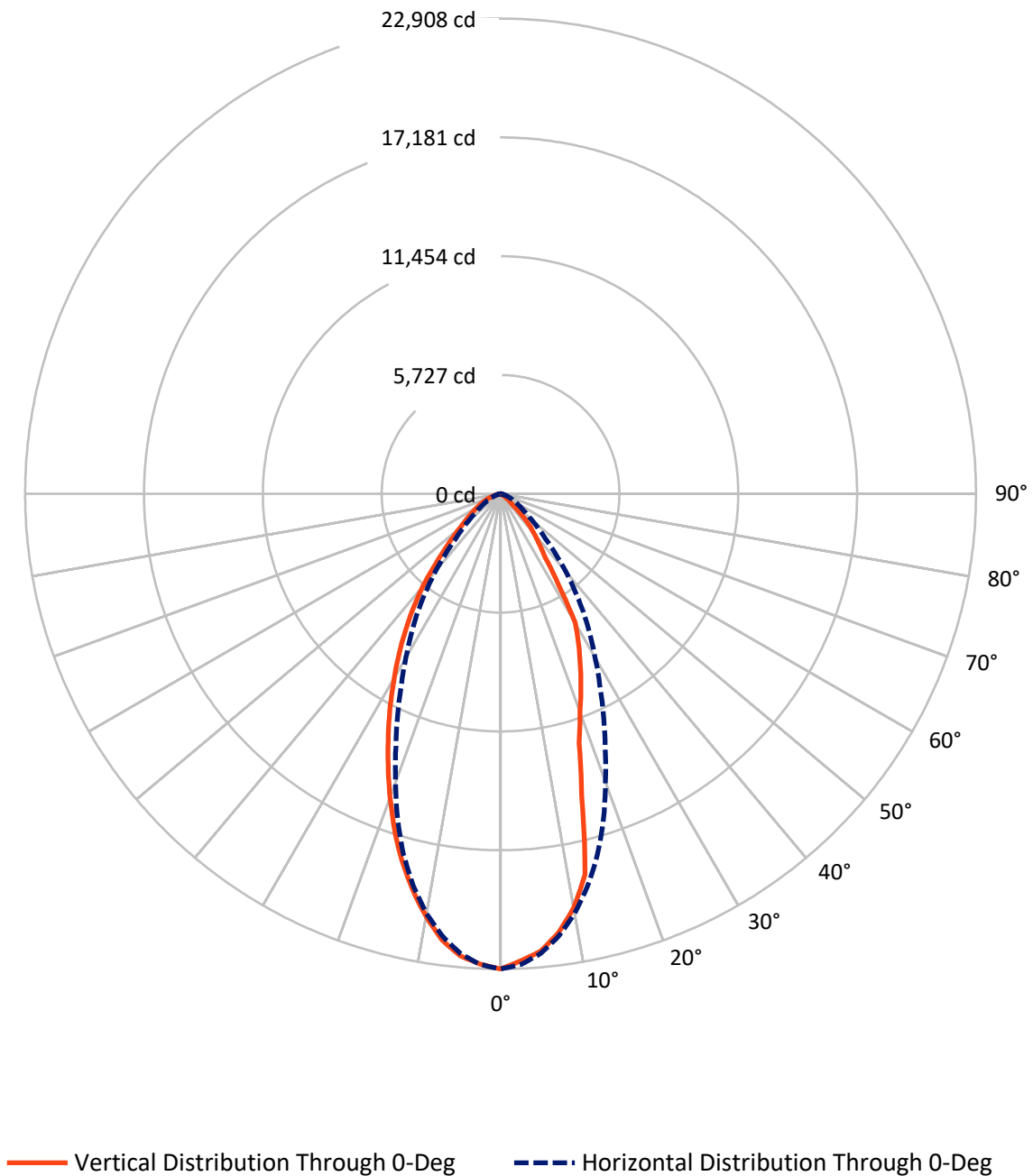
REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

### Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1				
50		0.4	1.1	1.9	3.2	4.7	6.4	7.2	7.2	6.4	4.7	3.2	1.9	1.1					0.4
40	0.9	1.5	3.9	8.2	15.0	24.7	35.6	43.7	43.7	35.6	24.7	15.0	8.2	3.9	1.5	0.9			
30		3.1	7.9	18.3	37.7	69.3	106.0	127.4	127.4	106.0	69.3	37.7	18.3	7.9	3.1				
20	2.2	4.8	12.8	33.2	78.5	147.4	224.3	270.4	270.4	224.3	147.4	78.5	33.2	12.8	4.8	2.2			
10		6.6	18.2	52.0	129.1	238.8	373.2	461.4	461.4	373.2	238.8	129.1	52.0	18.2	6.6				
0	3.1	7.6	22.9	67.3	169.6	316.1	507.5	643.5	643.5	507.5	316.1	169.6	67.3	22.9	7.6	3.1			
-10		8.0	23.9	69.4	172.0	320.7	512.7	647.5	647.5	512.7	320.7	172.0	69.4	23.9	8.0				
-20	3.3	7.9	22.6	61.9	152.4	281.6	434.0	535.6	535.6	434.0	281.6	152.4	61.9	22.6	7.9	3.3			
-30		7.2	19.6	48.4	113.7	212.3	316.3	379.3	379.3	316.3	212.3	113.7	48.4	19.6	7.2				
-40	2.8	6.3	15.8	35.0	71.6	131.7	198.7	236.5	236.5	198.7	131.7	71.6	35.0	15.8	6.3	2.8			
-50		5.3	12.2	24.2	43.0	68.9	98.9	117.7	117.7	98.9	68.9	43.0	24.2	12.2	5.3				
-60	1.8	4.1	8.9	16.1	26.3	37.8	48.9	55.3	55.3	48.9	37.8	26.3	16.1	8.9	4.1	1.8			
-70		2.9	6.0	9.9	15.2	20.8	25.4	27.7	27.7	25.4	20.8	15.2	9.9	6.0	2.9				
-80	0.5	5.8	14.8	26.5	24.2	26.5	14.8	5.8	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

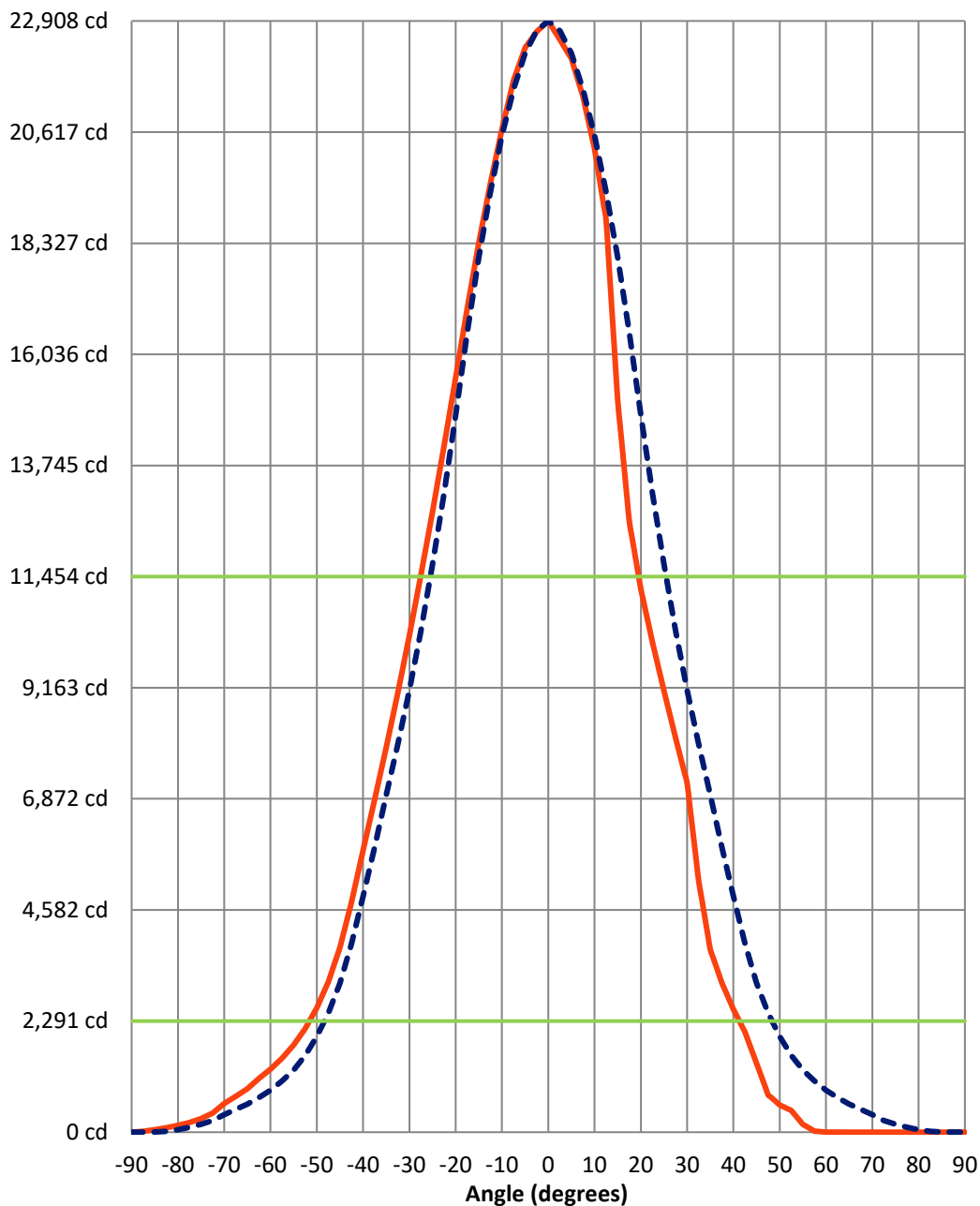
REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 9730.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 18094.8  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2115.1  
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.7	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.2	2.2	2.2	3.1	4.4	6.8
60°	0.0	0.8	1.6	1.6	1.6	2.6	2.5	3.1	3.9	10.8	11.7
57.5°	0.0	0.9	1.6	1.6	2.1	3.1	4.4	4.2	10.7	18.2	20.0
55°	0.0	0.9	1.6	1.6	2.6	3.6	6.7	6.2	19.5	27.5	31.1
52.5°	0.0	1.0	1.7	1.6	3.1	4.5	9.4	15.4	29.2	40.9	44.0
50°	0.0	1.0	1.7	1.6	3.6	7.3	12.5	25.5	40.8	55.6	67.2
47.5°	0.0	1.1	1.8	1.7	4.2	10.4	16.6	35.6	56.1	71.9	91.2
45°	0.0	1.1	1.8	2.2	4.8	13.6	25.5	45.9	71.4	93.1	114.9
42.5°	0.0	1.2	1.9	2.6	5.4	17.0	34.3	58.0	86.6	114.1	141.2
40°	0.0	1.2	1.9	3.2	7.1	20.6	43.1	71.2	102.5	134.6	168.7
37.5°	0.0	1.3	2.0	3.9	9.9	24.3	51.8	84.2	119.7	155.6	196.7
35°	0.0	1.3	2.1	4.7	12.7	30.2	60.5	97.1	136.9	180.7	227.2
32.5°	0.0	1.3	2.1	5.5	15.6	37.1	69.6	109.7	154.2	206.5	261.6
30°	0.0	1.4	2.2	6.4	18.5	43.7	79.8	122.6	171.4	232.9	296.2
27.5°	0.0	1.4	2.3	7.3	21.8	50.2	89.8	136.7	190.3	259.7	331.0
25°	0.0	1.5	2.4	8.3	25.1	56.4	99.3	150.4	212.2	288.2	365.7
22.5°	0.0	1.5	2.5	9.3	28.3	62.5	108.5	163.8	233.8	317.1	400.9
20°	0.0	1.5	2.6	10.3	31.4	68.4	117.2	176.8	255.1	345.3	434.5
17.5°	0.0	1.5	2.7	11.4	34.4	73.9	125.3	189.2	275.8	372.8	466.3
15°	0.0	1.5	2.8	12.4	37.3	79.1	132.7	200.2	295.8	399.2	496.2
12.5°	0.0	1.6	2.9	13.4	40.0	83.9	139.5	209.5	312.4	424.4	524.3
10°	0.0	1.6	3.0	14.4	42.5	88.3	145.7	217.7	325.6	439.3	546.4
7.5°	0.0	1.6	3.1	15.4	44.9	92.3	151.2	225.0	337.2	450.7	557.9
5°	0.0	1.6	3.1	16.3	47.0	95.8	156.0	231.2	347.1	459.7	567.2
2.5°	0.0	1.6	3.2	17.2	49.0	98.9	160.2	236.4	355.3	466.6	574.3
0°	0.0	1.6	3.3	18.0	50.7	101.5	163.6	240.5	361.6	471.3	579.2
-2.5°	0.0	1.7	3.8	19.1	53.0	104.7	168.1	247.4	368.7	478.1	586.9
-5°	0.0	1.8	4.3	20.2	55.1	107.4	171.7	253.2	373.9	483.0	592.4
-7.5°	0.0	1.9	4.7	21.1	56.8	109.5	174.7	257.8	377.1	486.0	595.6
-10°	0.0	2.0	5.2	22.0	58.2	111.1	176.7	261.0	378.5	487.2	596.6
-12.5°	0.0	2.1	5.6	22.7	59.3	112.2	178.0	262.9	378.1	486.5	593.8
-15°	0.0	2.2	6.0	23.2	60.0	112.7	178.4	263.3	375.3	482.2	588.1
-17.5°	0.0	2.2	6.4	23.7	60.4	112.6	177.8	262.8	370.5	476.5	580.1
-20°	0.0	2.3	6.7	24.0	60.3	112.0	177.3	261.5	364.4	469.3	569.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	2.3	7.0	24.1	59.8	110.8	177.4	259.2	357.2	460.7	557.5
-25°	0.0	2.4	7.3	24.1	58.9	110.4	176.6	255.7	349.1	450.9	543.0
-27.5°	0.0	2.4	7.5	24.0	57.5	109.9	174.9	251.2	340.0	439.6	529.6
-30°	0.0	2.4	7.7	23.6	55.9	108.7	172.4	245.6	331.9	426.8	515.2
-32.5°	0.0	2.5	7.8	23.1	55.2	106.8	168.9	241.0	324.0	413.5	499.7
-35°	0.0	2.5	7.9	22.4	54.0	104.3	165.6	236.0	315.0	399.7	483.3
-37.5°	0.0	2.5	7.9	21.6	52.4	101.5	161.9	229.9	305.0	385.6	464.0
-40°	0.0	2.4	7.9	20.6	50.3	99.0	157.2	222.8	294.0	372.3	443.4
-42.5°	0.0	2.4	7.8	19.6	48.8	95.9	151.6	214.7	283.8	355.2	421.5
-45°	0.0	2.4	7.7	18.9	47.9	92.2	145.2	206.2	273.3	336.8	398.7
-47.5°	0.0	2.3	7.5	17.8	46.4	87.8	137.8	197.5	261.6	317.8	377.6
-50°	0.0	2.2	7.3	17.5	44.5	82.9	131.4	187.8	246.2	300.5	355.8
-52.5°	0.0	2.2	7.0	17.3	42.0	77.3	124.5	177.0	230.9	282.5	333.7
-55°	0.0	2.1	6.6	16.8	39.1	72.8	116.8	165.5	215.1	263.7	312.9
-57.5°	0.0	2.0	6.3	16.1	35.7	67.8	108.4	155.2	198.5	244.7	291.4
-60°	0.0	1.9	5.8	15.2	32.0	62.2	99.4	142.9	181.5	225.0	269.1
-62.5°	0.0	1.7	5.5	14.2	29.8	56.0	90.7	129.1	164.7	204.5	246.2
-65°	0.0	1.6	5.1	12.9	27.3	49.1	81.2	114.8	146.8	183.0	222.4
-67.5°	0.0	1.5	4.7	11.5	24.4	43.0	70.8	100.3	127.9	160.2	196.0
-70°	0.0	1.3	4.2	9.9	21.2	37.7	59.7	85.3	110.0	136.3	167.6
-72.5°	0.0	1.2	3.8	8.7	17.8	32.0	50.7	69.8	91.6	114.6	139.0
-75°	0.0	1.0	3.3	7.6	14.1	25.9	41.7	56.9	72.6	92.5	113.4
-77.5°	0.0	0.9	2.8	6.4	11.7	19.5	32.1	44.7	57.7	71.3	87.2
-80°	0.0	0.7	2.2	5.2	9.5	14.9	22.2	32.3	42.9	54.0	65.7
-82.5°	0.0	0.5	1.7	3.9	7.2	11.3	16.4	21.6	27.9	36.5	45.5
-85°	0.0	0.4	1.1	2.6	4.8	7.6	11.0	14.5	18.4	22.8	27.5
-87.5°	0.0	0.2	0.6	1.3	2.4	3.8	5.5	7.3	9.2	11.4	13.8
-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: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°
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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.4	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.4	2.9	3.6	5.7	4.2	1.6	3.2	3.7	2.5	2.0	2.2
60°	7.1	4.9	12.5	17.4	11.4	6.0	7.4	14.9	12.2	3.3	8.7
57.5°	14.4	17.8	31.7	33.3	25.6	17.3	37.9	42.0	34.9	21.9	31.5
55°	30.1	42.3	53.5	52.9	53.2	66.9	78.6	77.2	68.0	93.8	118.1
52.5°	57.0	69.7	77.1	84.0	103.1	115.8	119.4	126.6	153.3	185.2	191.0
50°	83.6	96.7	106.4	131.3	150.9	161.0	170.3	194.7	235.0	257.0	260.5
47.5°	110.6	125.2	150.9	178.1	197.0	212.2	228.3	283.9	328.9	347.5	354.2
45°	138.7	163.9	196.1	224.0	246.0	266.4	319.1	394.9	426.5	455.1	527.9
42.5°	167.9	205.9	242.1	271.4	296.1	339.0	412.3	485.7	531.0	591.8	679.7
40°	205.2	247.8	289.7	319.5	350.3	415.4	506.1	583.7	631.7	713.3	813.5
37.5°	243.1	292.8	338.1	369.5	412.8	500.9	607.4	700.4	760.0	826.4	987.3
35°	280.5	338.8	385.2	427.3	480.9	602.3	733.5	837.1	910.6	1024.4	1228.0
32.5°	320.4	385.5	433.0	490.4	578.4	714.1	875.4	990.3	1112.3	1276.0	1602.1
30°	362.8	429.3	483.9	552.9	670.9	829.2	1016.4	1160.9	1326.4	1592.3	1943.8
27.5°	405.2	473.0	540.2	627.9	757.6	928.6	1124.1	1351.9	1565.8	1863.1	2247.4
25°	445.9	517.5	595.4	701.4	841.6	1020.6	1234.0	1496.8	1776.0	2116.0	2567.3
22.5°	484.7	562.6	653.9	767.7	912.5	1108.0	1362.5	1671.2	2006.7	2358.8	2877.4
20°	522.8	613.1	717.7	845.2	977.8	1188.6	1488.1	1861.9	2282.4	2764.8	3273.0
17.5°	560.4	662.9	783.7	925.4	1086.0	1301.7	1616.9	2061.9	2573.7	3201.6	3827.3
15°	597.3	711.7	847.5	1004.6	1195.2	1453.1	1811.1	2300.1	2918.4	3670.4	4411.6
12.5°	633.0	759.1	908.7	1082.0	1301.1	1595.5	1994.0	2521.6	3230.1	4128.5	5039.0
10°	667.3	804.5	966.8	1156.7	1402.5	1728.0	2155.7	2713.2	3465.3	4391.1	5403.7
7.5°	684.7	835.2	1016.4	1227.7	1498.2	1849.7	2296.5	2875.2	3649.0	4602.2	5617.6
5°	697.2	849.3	1035.0	1256.1	1550.8	1932.4	2404.2	3007.6	3784.4	4761.1	5762.5
2.5°	706.8	859.4	1048.6	1272.1	1571.6	1960.0	2439.7	3053.8	3857.0	4844.0	5846.9
0°	713.4	865.6	1057.0	1281.2	1582.3	1973.4	2456.1	3073.0	3887.8	4863.1	5877.6
-2.5°	720.4	874.1	1065.8	1295.4	1597.3	1991.5	2474.2	3086.6	3910.9	4868.4	5894.2
-5°	724.5	878.6	1069.3	1302.3	1602.2	1994.9	2472.8	3073.7	3892.6	4830.2	5858.1
-7.5°	725.6	879.1	1067.4	1300.9	1596.0	1979.5	2446.7	3035.3	3829.1	4752.8	5769.7
-10°	723.8	875.3	1060.3	1289.1	1578.0	1947.3	2400.0	2968.8	3724.8	4625.2	5620.2
-12.5°	718.5	867.1	1047.7	1269.9	1549.1	1901.6	2334.1	2874.1	3579.9	4447.7	5409.5
-15°	710.0	854.9	1029.5	1243.2	1509.1	1842.8	2249.5	2751.1	3393.4	4222.1	5147.1
-17.5°	698.3	838.7	1005.6	1209.2	1458.1	1771.4	2147.2	2607.0	3192.3	3970.3	4855.3
-20°	683.4	818.6	976.1	1167.9	1399.3	1696.2	2052.2	2479.5	3004.1	3682.0	4511.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	665.3	794.6	944.9	1128.4	1347.2	1618.1	1946.1	2334.9	2792.9	3348.8	4135.4
-25°	646.7	771.6	914.6	1084.3	1287.6	1529.5	1824.6	2178.9	2593.6	3102.4	3752.8
-27.5°	628.3	745.1	879.5	1033.6	1220.9	1438.2	1710.4	2033.4	2403.0	2835.7	3365.3
-30°	607.6	715.5	840.7	980.3	1156.9	1358.6	1593.9	1870.7	2199.3	2590.3	3050.7
-32.5°	585.0	683.8	803.3	934.3	1088.3	1272.0	1475.5	1725.8	2011.8	2334.3	2732.2
-35°	562.5	656.8	764.8	884.7	1014.7	1186.7	1373.7	1581.4	1824.7	2110.2	2428.5
-37.5°	540.8	627.3	723.7	835.4	957.4	1100.2	1265.4	1452.9	1662.3	1889.5	2164.4
-40°	516.7	595.4	686.6	787.8	895.7	1019.5	1168.5	1327.6	1507.8	1707.7	1920.1
-42.5°	490.5	566.1	649.3	736.6	835.6	946.1	1069.7	1215.2	1365.0	1532.5	1717.8
-45°	464.8	534.3	610.4	690.0	773.3	871.0	983.2	1104.3	1237.1	1373.7	1529.4
-47.5°	437.8	501.2	572.1	641.4	715.2	798.6	893.8	1003.7	1114.4	1236.1	1356.8
-50°	410.7	470.2	529.8	594.5	660.6	730.0	810.5	905.3	1006.0	1107.0	1213.3
-52.5°	386.4	437.9	491.7	547.3	607.5	669.3	736.3	814.5	902.6	991.5	1083.1
-55°	361.7	409.1	453.6	503.4	555.4	611.0	670.8	736.6	803.1	884.1	962.9
-57.5°	337.4	379.5	418.2	460.7	507.0	554.2	608.1	663.9	724.3	785.6	850.1
-60°	313.2	348.9	384.0	420.7	459.6	501.6	544.9	594.0	645.8	699.0	754.9
-62.5°	288.1	317.1	348.0	381.6	415.8	448.1	484.5	524.6	567.3	613.0	660.3
-65°	260.0	284.1	309.9	339.1	371.2	397.3	425.1	455.3	490.6	528.2	565.4
-67.5°	230.0	251.3	272.4	294.1	320.2	343.5	366.4	390.4	416.7	447.5	477.3
-70°	196.6	217.9	236.4	254.5	271.0	287.7	307.1	326.0	347.3	374.9	402.0
-72.5°	162.7	182.6	200.2	215.5	227.1	237.1	249.0	262.8	283.2	308.7	332.7
-75°	131.6	147.7	164.1	178.8	186.3	189.3	191.8	199.0	219.7	245.9	269.1
-77.5°	102.5	116.5	129.9	142.7	147.9	150.0	151.0	151.0	166.2	188.6	212.1
-80°	75.5	85.2	96.6	107.5	110.7	111.7	111.8	111.1	123.6	139.7	156.9
-82.5°	52.4	59.5	66.7	74.1	75.1	74.6	73.6	72.5	82.5	94.2	106.1
-85°	30.5	33.5	37.9	42.5	43.0	42.8	42.0	40.7	46.3	52.6	59.3
-87.5°	15.3	16.8	18.2	19.7	19.2	18.4	17.4	16.2	17.8	19.4	21.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.2	5.3	5.4	6.8	5.8	2.7	5.3	6.7	6.3	4.8	4.1
57.5°	47.0	39.3	27.5	46.0	47.4	33.0	35.8	46.8	45.3	35.0	34.9
55°	118.3	120.0	128.8	140.5	149.2	153.1	156.7	174.3	193.0	211.4	220.7
52.5°	195.5	218.3	246.8	265.6	278.7	305.6	343.4	360.7	377.6	396.7	410.6
50°	287.9	327.6	356.2	360.3	405.1	434.3	441.1	473.6	509.0	531.1	546.9
47.5°	428.3	478.5	503.4	519.3	573.9	633.7	633.8	652.5	741.1	787.4	809.7
45°	616.9	658.8	702.8	817.1	922.1	955.5	1026.9	1123.6	1186.4	1272.9	1368.0
42.5°	777.5	856.1	966.4	1092.2	1197.6	1285.3	1391.4	1507.6	1647.2	1778.5	1891.7
40°	936.4	1033.8	1170.3	1307.2	1439.9	1561.4	1732.4	1881.8	2046.5	2227.1	2377.6
37.5°	1143.8	1268.5	1409.5	1582.2	1788.7	1923.6	2158.7	2373.5	2559.0	2777.1	2911.5
35°	1462.3	1624.8	1749.7	2098.7	2349.9	2507.7	2786.1	3139.0	3274.6	3549.2	3679.5
32.5°	1862.7	2078.7	2407.4	2869.6	3205.1	3495.6	3911.6	4269.8	4575.1	4850.9	5137.8
30°	2312.7	2646.0	3130.5	3744.7	4085.4	4492.2	5054.9	5479.5	5958.4	6483.9	6667.9
27.5°	2721.0	3220.2	3782.8	4280.2	4769.6	5276.3	5829.2	6374.8	6893.0	7330.3	7623.7
25°	3099.5	3704.0	4250.8	4782.3	5312.6	5883.3	6508.6	7127.3	7697.6	8147.6	8489.7
22.5°	3489.8	4128.5	4713.4	5252.8	5869.6	6516.3	7181.3	7891.0	8539.9	9006.8	9379.5
20°	3856.9	4567.2	5234.3	5848.5	6431.6	7178.1	7943.8	8696.6	9403.3	9959.4	10389.1
17.5°	4439.4	5056.1	5871.4	6669.3	7326.1	8011.9	9035.1	9812.1	10596.3	11262.3	11717.8
15°	5154.9	5832.9	6674.9	7770.6	8670.6	9456.4	10513.4	11777.4	12702.3	13552.5	14135.7
12.5°	5870.9	6637.8	7548.5	8781.6	10062.9	10988.5	12271.0	13872.6	14950.0	16266.2	16915.1
10°	6419.7	7382.7	8320.6	9445.9	10676.4	11994.5	13376.9	14875.4	16314.9	17445.2	18455.5
7.5°	6640.6	7666.4	8752.1	9900.2	11130.8	12491.1	13964.5	15523.6	17005.2	18267.6	19378.0
5°	6805.8	7856.9	8949.7	10123.6	11439.1	12859.6	14355.0	15992.0	17505.0	18858.0	19994.0
2.5°	6910.8	7971.7	9059.8	10253.3	11636.9	13099.5	14643.0	16323.3	17859.1	19252.0	20384.2
0°	6951.0	7996.6	9110.9	10339.8	11709.3	13175.5	14785.6	16485.7	18033.6	19380.3	20545.3
-2.5°	6956.5	7973.4	9114.2	10337.1	11647.6	13127.4	14756.9	16442.9	17959.4	19300.7	20476.1
-5°	6901.9	7918.4	9060.3	10264.6	11576.9	13045.5	14605.2	16234.4	17680.7	18986.0	20117.7
-7.5°	6791.2	7804.9	8921.5	10098.3	11375.1	12799.8	14297.7	15812.3	17231.2	18483.2	19563.2
-10°	6626.9	7619.3	8697.3	9843.8	11052.0	12407.1	13835.4	15282.6	16613.1	17770.9	18769.6
-12.5°	6404.5	7374.0	8403.4	9498.0	10622.6	11914.5	13263.2	14622.2	15834.9	16891.9	17788.0
-15°	6115.6	7062.5	8059.3	9094.4	10185.0	11353.3	12563.7	13810.2	14928.7	15866.1	16684.7
-17.5°	5775.3	6693.7	7640.3	8599.9	9634.7	10730.8	11854.3	12973.3	13927.3	14760.0	15508.6
-20°	5395.9	6280.8	7180.0	8074.5	9013.4	10027.1	11064.8	12047.7	12881.3	13638.0	14322.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	4970.6	5817.6	6679.4	7516.6	8363.2	9281.1	10207.8	11096.7	11876.5	12523.7	13118.9
-25°	4515.3	5297.9	6111.6	6896.6	7675.8	8498.4	9340.1	10157.9	10844.2	11406.2	11898.1
-27.5°	4056.5	4771.6	5488.6	6227.6	6947.8	7706.8	8468.9	9175.3	9791.4	10308.8	10722.2
-30°	3574.2	4213.6	4868.3	5536.9	6224.7	6919.3	7607.9	8226.3	8764.2	9219.3	9576.5
-32.5°	3173.4	3659.1	4237.2	4844.2	5488.9	6121.8	6720.7	7284.5	7791.3	8188.6	8491.6
-35°	2789.3	3200.6	3633.6	4170.8	4724.7	5307.1	5858.0	6361.2	6813.0	7160.2	7445.2
-37.5°	2459.0	2784.3	3150.4	3534.0	3998.4	4479.8	4977.2	5450.3	5853.2	6156.1	6410.6
-40°	2173.2	2430.0	2722.6	3026.6	3368.3	3714.2	4147.2	4546.5	4875.4	5158.5	5389.1
-42.5°	1914.8	2131.5	2347.6	2597.0	2854.8	3132.8	3436.7	3732.0	3984.4	4221.4	4417.3
-45°	1691.7	1864.9	2037.1	2229.7	2419.0	2645.1	2862.2	3055.9	3260.3	3437.7	3577.4
-47.5°	1496.7	1631.7	1779.3	1923.5	2075.4	2245.7	2407.3	2554.7	2704.5	2834.2	2938.3
-50°	1323.4	1435.2	1555.8	1669.0	1792.0	1916.5	2036.0	2153.2	2267.0	2365.7	2442.5
-52.5°	1171.7	1269.4	1363.3	1453.5	1551.3	1643.4	1730.0	1826.7	1915.7	1993.5	2046.0
-55°	1042.4	1122.3	1199.2	1274.5	1348.5	1418.3	1487.3	1562.4	1631.1	1692.9	1732.0
-57.5°	921.1	989.1	1054.2	1115.7	1174.4	1230.0	1288.0	1345.8	1398.7	1445.3	1475.6
-60°	810.7	866.3	922.6	972.8	1020.1	1064.5	1113.4	1159.6	1202.3	1238.2	1259.1
-62.5°	709.6	759.4	801.0	840.7	881.0	921.0	955.7	989.8	1022.7	1050.5	1068.8
-65°	603.9	646.0	681.5	713.4	742.2	773.2	802.8	829.6	853.4	871.4	883.0
-67.5°	509.3	540.3	568.7	594.1	619.8	644.6	667.4	687.7	705.6	718.2	726.5
-70°	427.1	450.9	474.1	497.1	520.0	539.4	555.9	571.1	584.9	590.6	593.1
-72.5°	354.9	376.0	396.4	416.7	435.8	450.9	463.1	474.2	484.2	475.6	460.5
-75°	289.4	307.9	327.0	344.9	361.8	373.4	382.4	390.7	398.2	379.5	353.7
-77.5°	235.9	252.2	266.3	280.3	294.1	301.5	307.2	312.8	318.2	297.3	271.0
-80°	175.0	188.1	200.1	211.9	223.4	227.8	230.4	232.1	233.0	215.2	194.5
-82.5°	118.2	125.0	131.6	138.5	145.5	149.2	152.0	154.1	155.6	142.9	128.6
-85°	66.3	68.3	69.9	71.3	72.5	74.8	77.0	79.0	80.8	74.8	68.2
-87.5°	22.8	22.8	22.7	22.5	22.2	22.3	22.3	22.2	22.1	21.2	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.2	2.0	1.6	1.6	1.6	2.0	3.2	4.1	4.8	6.3	6.7
57.5°	32.5	28.4	25.5	22.9	25.5	28.4	32.5	34.9	35.0	45.3	46.8
55°	216.7	201.8	183.5	162.0	183.5	201.8	216.7	220.7	211.4	193.0	174.3
52.5°	425.1	439.3	447.4	446.7	447.4	439.3	425.1	410.6	396.7	377.6	360.7
50°	559.5	567.2	567.6	561.2	567.6	567.2	559.5	546.9	531.1	509.0	473.6
47.5°	819.8	809.1	790.6	770.7	790.6	809.1	819.8	809.7	787.4	741.1	652.5
45°	1430.5	1465.0	1462.8	1418.7	1462.8	1465.0	1430.5	1368.0	1272.9	1186.4	1123.6
42.5°	1955.0	2006.6	2043.2	2061.7	2043.2	2006.6	1955.0	1891.7	1778.5	1647.2	1507.6
40°	2462.4	2512.3	2534.3	2533.0	2534.3	2512.3	2462.4	2377.6	2227.1	2046.5	1881.8
37.5°	2998.6	3063.1	3094.4	3079.5	3094.4	3063.1	2998.6	2911.5	2777.1	2559.0	2373.5
35°	3735.9	3796.3	3797.5	3766.8	3797.5	3796.3	3735.9	3679.5	3549.2	3274.6	3139.0
32.5°	5365.6	5385.8	5230.7	5175.6	5230.7	5385.8	5365.6	5137.8	4850.9	4575.1	4269.8
30°	6851.1	6994.4	7127.6	7194.8	7127.6	6994.4	6851.1	6667.9	6483.9	5958.4	5479.5
27.5°	7845.0	8017.2	8124.0	8130.8	8124.0	8017.2	7845.0	7623.7	7330.3	6893.0	6374.8
25°	8748.8	8941.5	9057.9	9097.8	9057.9	8941.5	8748.8	8489.7	8147.6	7697.6	7127.3
22.5°	9695.8	9922.9	10073.4	10104.1	10073.4	9922.9	9695.8	9379.5	9006.8	8539.9	7891.0
20°	10794.5	11058.8	11203.1	11197.2	11203.1	11058.8	10794.5	10389.1	9959.4	9403.3	8696.6
17.5°	12241.0	12524.5	12649.0	12594.6	12649.0	12524.5	12241.0	11717.8	11262.3	10596.3	9812.1
15°	14734.4	15327.3	15324.9	15088.3	15324.9	15327.3	14734.4	14135.7	13552.5	12702.3	11777.4
12.5°	17810.0	18251.8	18705.2	18802.7	18705.2	18251.8	17810.0	16915.1	16266.2	14950.0	13872.6
10°	19306.5	19893.3	20280.7	20270.4	20280.7	19893.3	19306.5	18455.5	17445.2	16314.9	14875.4
7.5°	20242.7	20891.1	21360.5	21350.4	21360.5	20891.1	20242.7	19378.0	18267.6	17005.2	15523.6
5°	20965.3	21684.4	22100.2	22130.9	22100.2	21684.4	20965.3	19994.0	18858.0	17505.0	15992.0
2.5°	21340.7	22091.3	22591.0	22525.3	22591.0	22091.3	21340.7	20384.2	19252.0	17859.1	16323.3
0°	21497.7	22240.5	22706.9	22908.2	22706.9	22240.5	21497.7	20545.3	19380.3	18033.6	16485.7
-2.5°	21429.1	22152.0	22667.4	22687.3	22667.4	22152.0	21429.1	20476.1	19300.7	17959.4	16442.9
-5°	21061.9	21824.7	22170.0	22353.4	22170.0	21824.7	21061.9	20117.7	18986.0	17680.7	16234.4
-7.5°	20469.8	21041.5	21480.1	21682.6	21480.1	21041.5	20469.8	19563.2	18483.2	17231.2	15812.3
-10°	19548.3	20140.1	20510.8	20677.9	20510.8	20140.1	19548.3	18769.6	17770.9	16613.1	15282.6
-12.5°	18527.4	19065.2	19417.6	19558.7	19417.6	19065.2	18527.4	17788.0	16891.9	15834.9	14622.2
-15°	17388.4	17876.7	18201.1	18336.3	18201.1	17876.7	17388.4	16684.7	15866.1	14928.7	13810.2
-17.5°	16134.6	16562.5	16885.7	16983.1	16885.7	16562.5	16134.6	15508.6	14760.0	13927.3	12973.3
-20°	14845.3	15232.1	15498.3	15556.3	15498.3	15232.1	14845.3	14322.9	13638.0	12881.3	12047.7



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	13546.2	13864.9	14081.1	14154.0	14081.1	13864.9	13546.2	13118.9	12523.7	11876.5	11096.7
-25°	12276.7	12551.7	12725.8	12790.9	12725.8	12551.7	12276.7	11898.1	11406.2	10844.2	10157.9
-27.5°	11055.7	11312.1	11472.0	11493.3	11472.0	11312.1	11055.7	10722.2	10308.8	9791.4	9175.3
-30°	9854.3	10066.1	10189.3	10241.6	10189.3	10066.1	9854.3	9576.5	9219.3	8764.2	8226.3
-32.5°	8731.6	8916.6	9027.3	9056.9	9027.3	8916.6	8731.6	8491.6	8188.6	7791.3	7284.5
-35°	7671.7	7842.5	7940.7	7932.8	7940.7	7842.5	7671.7	7445.2	7160.2	6813.0	6361.2
-37.5°	6621.0	6778.6	6867.7	6859.4	6867.7	6778.6	6621.0	6410.6	6156.1	5853.2	5450.3
-40°	5578.7	5714.7	5793.1	5812.1	5793.1	5714.7	5578.7	5389.1	5158.5	4875.4	4546.5
-42.5°	4580.1	4705.6	4768.4	4743.6	4768.4	4705.6	4580.1	4417.3	4221.4	3984.4	3732.0
-45°	3675.0	3740.0	3782.7	3809.3	3782.7	3740.0	3675.0	3577.4	3437.7	3260.3	3055.9
-47.5°	3014.5	3068.3	3097.3	3102.4	3097.3	3068.3	3014.5	2938.3	2834.2	2704.5	2554.7
-50°	2502.2	2548.0	2568.2	2562.4	2568.2	2548.0	2502.2	2442.5	2365.7	2267.0	2153.2
-52.5°	2083.8	2110.4	2128.3	2137.0	2128.3	2110.4	2083.8	2046.0	1993.5	1915.7	1826.7
-55°	1761.5	1782.1	1794.2	1798.3	1794.2	1782.1	1761.5	1732.0	1692.9	1631.1	1562.4
-57.5°	1500.8	1520.4	1527.6	1525.0	1527.6	1520.4	1500.8	1475.6	1445.3	1398.7	1345.8
-60°	1275.2	1286.4	1294.9	1299.2	1294.9	1286.4	1275.2	1259.1	1238.2	1202.3	1159.6
-62.5°	1083.3	1093.9	1102.7	1107.8	1102.7	1093.9	1083.3	1068.8	1050.5	1022.7	989.8
-65°	891.1	895.7	897.1	895.1	897.1	895.7	891.1	883.0	871.4	853.4	829.6
-67.5°	732.6	736.5	739.2	739.6	739.2	736.5	732.6	726.5	718.2	705.6	687.7
-70°	595.6	597.3	595.4	590.7	595.4	597.3	595.6	593.1	590.6	584.9	571.1
-72.5°	444.9	428.6	412.3	394.3	412.3	428.6	444.9	460.5	475.6	484.2	474.2
-75°	327.1	299.5	289.5	279.8	289.5	299.5	327.1	353.7	379.5	398.2	390.7
-77.5°	243.3	214.6	206.9	199.6	206.9	214.6	243.3	271.0	297.3	318.2	312.8
-80°	172.8	150.4	145.5	140.7	145.5	150.4	172.8	194.5	215.2	233.0	232.1
-82.5°	113.6	98.0	94.8	91.6	94.8	98.0	113.6	128.6	142.9	155.6	154.1
-85°	61.1	53.8	52.3	50.7	52.3	53.8	61.1	68.2	74.8	80.8	79.0
-87.5°	19.1	17.9	18.0	18.0	18.0	17.9	19.1	20.1	21.2	22.1	22.2
-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: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-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°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.7
60°	5.3	2.7	5.8	6.8	5.4	5.3	9.2	8.7	3.3	12.2	14.9
57.5°	35.8	33.0	47.4	46.0	27.5	39.3	47.0	31.5	21.9	34.9	42.0
55°	156.7	153.1	149.2	140.5	128.8	120.0	118.3	118.1	93.8	68.0	77.2
52.5°	343.4	305.6	278.7	265.6	246.8	218.3	195.5	191.0	185.2	153.3	126.6
50°	441.1	434.3	405.1	360.3	356.2	327.6	287.9	260.5	257.0	235.0	194.7
47.5°	633.8	633.7	573.9	519.3	503.4	478.5	428.3	354.2	347.5	328.9	283.9
45°	1026.9	955.5	922.1	817.1	702.8	658.8	616.9	527.9	455.1	426.5	394.9
42.5°	1391.4	1285.3	1197.6	1092.2	966.4	856.1	777.5	679.7	591.8	531.0	485.7
40°	1732.4	1561.4	1439.9	1307.2	1170.3	1033.8	936.4	813.5	713.3	631.7	583.7
37.5°	2158.7	1923.6	1788.7	1582.2	1409.5	1268.5	1143.8	987.3	826.4	760.0	700.4
35°	2786.1	2507.7	2349.9	2098.7	1749.7	1624.8	1462.3	1228.0	1024.4	910.6	837.1
32.5°	3911.6	3495.6	3205.1	2869.6	2407.4	2078.7	1862.7	1602.1	1276.0	1112.3	990.3
30°	5054.9	4492.2	4085.4	3744.7	3130.5	2646.0	2312.7	1943.8	1592.3	1326.4	1160.9
27.5°	5829.2	5276.3	4769.6	4280.2	3782.8	3220.2	2721.0	2247.4	1863.1	1565.8	1351.9
25°	6508.6	5883.3	5312.6	4782.3	4250.8	3704.0	3099.5	2567.3	2116.0	1776.0	1496.8
22.5°	7181.3	6516.3	5869.6	5252.8	4713.4	4128.5	3489.8	2877.4	2358.8	2006.7	1671.2
20°	7943.8	7178.1	6431.6	5848.5	5234.3	4567.2	3856.9	3273.0	2764.8	2282.4	1861.9
17.5°	9035.1	8011.9	7326.1	6669.3	5871.4	5056.1	4439.4	3827.3	3201.6	2573.7	2061.9
15°	10513.4	9456.4	8670.6	7770.6	6674.9	5832.9	5154.9	4411.6	3670.4	2918.4	2300.1
12.5°	12271.0	10988.5	10062.9	8781.6	7548.5	6637.8	5870.9	5039.0	4128.5	3230.1	2521.6
10°	13376.9	11994.5	10676.4	9445.9	8320.6	7382.7	6419.7	5403.7	4391.1	3465.3	2713.2
7.5°	13964.5	12491.1	11130.8	9900.2	8752.1	7666.4	6640.6	5617.6	4602.2	3649.0	2875.2
5°	14355.0	12859.6	11439.1	10123.6	8949.7	7856.9	6805.8	5762.5	4761.1	3784.4	3007.6
2.5°	14643.0	13099.5	11636.9	10253.3	9059.8	7971.7	6910.8	5846.9	4844.0	3857.0	3053.8
0°	14785.6	13175.5	11709.3	10339.8	9110.9	7996.6	6951.0	5877.6	4863.1	3887.8	3073.0
-2.5°	14756.9	13127.4	11647.6	10337.1	9114.2	7973.4	6956.5	5894.2	4868.4	3910.9	3086.6
-5°	14605.2	13045.5	11576.9	10264.6	9060.3	7918.4	6901.9	5858.1	4830.2	3892.6	3073.7
-7.5°	14297.7	12799.8	11375.1	10098.3	8921.5	7804.9	6791.2	5769.7	4752.8	3829.1	3035.3
-10°	13835.4	12407.1	11052.0	9843.8	8697.3	7619.3	6626.9	5620.2	4625.2	3724.8	2968.8
-12.5°	13263.2	11914.5	10622.6	9498.0	8403.4	7374.0	6404.5	5409.5	4447.7	3579.9	2874.1
-15°	12563.7	11353.3	10185.0	9094.4	8059.3	7062.5	6115.6	5147.1	4222.1	3393.4	2751.1
-17.5°	11854.3	10730.8	9634.7	8599.9	7640.3	6693.7	5775.3	4855.3	3970.3	3192.3	2607.0
-20°	11064.8	10027.1	9013.4	8074.5	7180.0	6280.8	5395.9	4511.2	3682.0	3004.1	2479.5



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	10207.8	9281.1	8363.2	7516.6	6679.4	5817.6	4970.6	4135.4	3348.8	2792.9	2334.9
-25°	9340.1	8498.4	7675.8	6896.6	6111.6	5297.9	4515.3	3752.8	3102.4	2593.6	2178.9
-27.5°	8468.9	7706.8	6947.8	6227.6	5488.6	4771.6	4056.5	3365.3	2835.7	2403.0	2033.4
-30°	7607.9	6919.3	6224.7	5536.9	4868.3	4213.6	3574.2	3050.7	2590.3	2199.3	1870.7
-32.5°	6720.7	6121.8	5488.9	4844.2	4237.2	3659.1	3173.4	2732.2	2334.3	2011.8	1725.8
-35°	5858.0	5307.1	4724.7	4170.8	3633.6	3200.6	2789.3	2428.5	2110.2	1824.7	1581.4
-37.5°	4977.2	4479.8	3998.4	3534.0	3150.4	2784.3	2459.0	2164.4	1889.5	1662.3	1452.9
-40°	4147.2	3714.2	3368.3	3026.6	2722.6	2430.0	2173.2	1920.1	1707.7	1507.8	1327.6
-42.5°	3436.7	3132.8	2854.8	2597.0	2347.6	2131.5	1914.8	1717.8	1532.5	1365.0	1215.2
-45°	2862.2	2645.1	2419.0	2229.7	2037.1	1864.9	1691.7	1529.4	1373.7	1237.1	1104.3
-47.5°	2407.3	2245.7	2075.4	1923.5	1779.3	1631.7	1496.7	1356.8	1236.1	1114.4	1003.7
-50°	2036.0	1916.5	1792.0	1669.0	1555.8	1435.2	1323.4	1213.3	1107.0	1006.0	905.3
-52.5°	1730.0	1643.4	1551.3	1453.5	1363.3	1269.4	1171.7	1083.1	991.5	902.6	814.5
-55°	1487.3	1418.3	1348.5	1274.5	1199.2	1122.3	1042.4	962.9	884.1	803.1	736.6
-57.5°	1288.0	1230.0	1174.4	1115.7	1054.2	989.1	921.1	850.1	785.6	724.3	663.9
-60°	1113.4	1064.5	1020.1	972.8	922.6	866.3	810.7	754.9	699.0	645.8	594.0
-62.5°	955.7	921.0	881.0	840.7	801.0	759.4	709.6	660.3	613.0	567.3	524.6
-65°	802.8	773.2	742.2	713.4	681.5	646.0	603.9	565.4	528.2	490.6	455.3
-67.5°	667.4	644.6	619.8	594.1	568.7	540.3	509.3	477.3	447.5	416.7	390.4
-70°	555.9	539.4	520.0	497.1	474.1	450.9	427.1	402.0	374.9	347.3	326.0
-72.5°	463.1	450.9	435.8	416.7	396.4	376.0	354.9	332.7	308.7	283.2	262.8
-75°	382.4	373.4	361.8	344.9	327.0	307.9	289.4	269.1	245.9	219.7	199.0
-77.5°	307.2	301.5	294.1	280.3	266.3	252.2	235.9	212.1	188.6	166.2	151.0
-80°	230.4	227.8	223.4	211.9	200.1	188.1	175.0	156.9	139.7	123.6	111.1
-82.5°	152.0	149.2	145.5	138.5	131.6	125.0	118.2	106.1	94.2	82.5	72.5
-85°	77.0	74.8	72.5	71.3	69.9	68.3	66.3	59.3	52.6	46.3	40.7
-87.5°	22.3	22.3	22.2	22.5	22.7	22.8	22.8	21.1	19.4	17.8	16.2
-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: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.4	2.2	1.6	1.6	3.1	2.7	2.3	1.6
62.5°	3.2	1.6	4.2	5.7	3.6	2.9	2.4	6.8	4.4	3.1	2.2
60°	7.4	6.0	11.4	17.4	12.5	4.9	7.1	11.7	10.8	3.9	3.1
57.5°	37.9	17.3	25.6	33.3	31.7	17.8	14.4	20.0	18.2	10.7	4.2
55°	78.6	66.9	53.2	52.9	53.5	42.3	30.1	31.1	27.5	19.5	6.2
52.5°	119.4	115.8	103.1	84.0	77.1	69.7	57.0	44.0	40.9	29.2	15.4
50°	170.3	161.0	150.9	131.3	106.4	96.7	83.6	67.2	55.6	40.8	25.5
47.5°	228.3	212.2	197.0	178.1	150.9	125.2	110.6	91.2	71.9	56.1	35.6
45°	319.1	266.4	246.0	224.0	196.1	163.9	138.7	114.9	93.1	71.4	45.9
42.5°	412.3	339.0	296.1	271.4	242.1	205.9	167.9	141.2	114.1	86.6	58.0
40°	506.1	415.4	350.3	319.5	289.7	247.8	205.2	168.7	134.6	102.5	71.2
37.5°	607.4	500.9	412.8	369.5	338.1	292.8	243.1	196.7	155.6	119.7	84.2
35°	733.5	602.3	480.9	427.3	385.2	338.8	280.5	227.2	180.7	136.9	97.1
32.5°	875.4	714.1	578.4	490.4	433.0	385.5	320.4	261.6	206.5	154.2	109.7
30°	1016.4	829.2	670.9	552.9	483.9	429.3	362.8	296.2	232.9	171.4	122.6
27.5°	1124.1	928.6	757.6	627.9	540.2	473.0	405.2	331.0	259.7	190.3	136.7
25°	1234.0	1020.6	841.6	701.4	595.4	517.5	445.9	365.7	288.2	212.2	150.4
22.5°	1362.5	1108.0	912.5	767.7	653.9	562.6	484.7	400.9	317.1	233.8	163.8
20°	1488.1	1188.6	977.8	845.2	717.7	613.1	522.8	434.5	345.3	255.1	176.8
17.5°	1616.9	1301.7	1086.0	925.4	783.7	662.9	560.4	466.3	372.8	275.8	189.2
15°	1811.1	1453.1	1195.2	1004.6	847.5	711.7	597.3	496.2	399.2	295.8	200.2
12.5°	1994.0	1595.5	1301.1	1082.0	908.7	759.1	633.0	524.3	424.4	312.4	209.5
10°	2155.7	1728.0	1402.5	1156.7	966.8	804.5	667.3	546.4	439.3	325.6	217.7
7.5°	2296.5	1849.7	1498.2	1227.7	1016.4	835.2	684.7	557.9	450.7	337.2	225.0
5°	2404.2	1932.4	1550.8	1256.1	1035.0	849.3	697.2	567.2	459.7	347.1	231.2
2.5°	2439.7	1960.0	1571.6	1272.1	1048.6	859.4	706.8	574.3	466.6	355.3	236.4
0°	2456.1	1973.4	1582.3	1281.2	1057.0	865.6	713.4	579.2	471.3	361.6	240.5
-2.5°	2474.2	1991.5	1597.3	1295.4	1065.8	874.1	720.4	586.9	478.1	368.7	247.4
-5°	2472.8	1994.9	1602.2	1302.3	1069.3	878.6	724.5	592.4	483.0	373.9	253.2
-7.5°	2446.7	1979.5	1596.0	1300.9	1067.4	879.1	725.6	595.6	486.0	377.1	257.8
-10°	2400.0	1947.3	1578.0	1289.1	1060.3	875.3	723.8	596.6	487.2	378.5	261.0
-12.5°	2334.1	1901.6	1549.1	1269.9	1047.7	867.1	718.5	593.8	486.5	378.1	262.9
-15°	2249.5	1842.8	1509.1	1243.2	1029.5	854.9	710.0	588.1	482.2	375.3	263.3
-17.5°	2147.2	1771.4	1458.1	1209.2	1005.6	838.7	698.3	580.1	476.5	370.5	262.8
-20°	2052.2	1696.2	1399.3	1167.9	976.1	818.6	683.4	569.9	469.3	364.4	261.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	1946.1	1618.1	1347.2	1128.4	944.9	794.6	665.3	557.5	460.7	357.2	259.2
-25°	1824.6	1529.5	1287.6	1084.3	914.6	771.6	646.7	543.0	450.9	349.1	255.7
-27.5°	1710.4	1438.2	1220.9	1033.6	879.5	745.1	628.3	529.6	439.6	340.0	251.2
-30°	1593.9	1358.6	1156.9	980.3	840.7	715.5	607.6	515.2	426.8	331.9	245.6
-32.5°	1475.5	1272.0	1088.3	934.3	803.3	683.8	585.0	499.7	413.5	324.0	241.0
-35°	1373.7	1186.7	1014.7	884.7	764.8	656.8	562.5	483.3	399.7	315.0	236.0
-37.5°	1265.4	1100.2	957.4	835.4	723.7	627.3	540.8	464.0	385.6	305.0	229.9
-40°	1168.5	1019.5	895.7	787.8	686.6	595.4	516.7	443.4	372.3	294.0	222.8
-42.5°	1069.7	946.1	835.6	736.6	649.3	566.1	490.5	421.5	355.2	283.8	214.7
-45°	983.2	871.0	773.3	690.0	610.4	534.3	464.8	398.7	336.8	273.3	206.2
-47.5°	893.8	798.6	715.2	641.4	572.1	501.2	437.8	377.6	317.8	261.6	197.5
-50°	810.5	730.0	660.6	594.5	529.8	470.2	410.7	355.8	300.5	246.2	187.8
-52.5°	736.3	669.3	607.5	547.3	491.7	437.9	386.4	333.7	282.5	230.9	177.0
-55°	670.8	611.0	555.4	503.4	453.6	409.1	361.7	312.9	263.7	215.1	165.5
-57.5°	608.1	554.2	507.0	460.7	418.2	379.5	337.4	291.4	244.7	198.5	155.2
-60°	544.9	501.6	459.6	420.7	384.0	348.9	313.2	269.1	225.0	181.5	142.9
-62.5°	484.5	448.1	415.8	381.6	348.0	317.1	288.1	246.2	204.5	164.7	129.1
-65°	425.1	397.3	371.2	339.1	309.9	284.1	260.0	222.4	183.0	146.8	114.8
-67.5°	366.4	343.5	320.2	294.1	272.4	251.3	230.0	196.0	160.2	127.9	100.3
-70°	307.1	287.7	271.0	254.5	236.4	217.9	196.6	167.6	136.3	110.0	85.3
-72.5°	249.0	237.1	227.1	215.5	200.2	182.6	162.7	139.0	114.6	91.6	69.8
-75°	191.8	189.3	186.3	178.8	164.1	147.7	131.6	113.4	92.5	72.6	56.9
-77.5°	151.0	150.0	147.9	142.7	129.9	116.5	102.5	87.2	71.3	57.7	44.7
-80°	111.8	111.7	110.7	107.5	96.6	85.2	75.5	65.7	54.0	42.9	32.3
-82.5°	73.6	74.6	75.1	74.1	66.7	59.5	52.4	45.5	36.5	27.9	21.6
-85°	42.0	42.8	43.0	42.5	37.9	33.5	30.5	27.5	22.8	18.4	14.5
-87.5°	17.4	18.4	19.2	19.7	18.2	16.8	15.3	13.8	11.4	9.2	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.2	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.6	1.6	1.6	1.6	0.8	0.0
57.5°	4.4	3.1	2.1	1.6	1.6	0.9	0.0
55°	6.7	3.6	2.6	1.6	1.6	0.9	0.0
52.5°	9.4	4.5	3.1	1.6	1.7	1.0	0.0
50°	12.5	7.3	3.6	1.6	1.7	1.0	0.0
47.5°	16.6	10.4	4.2	1.7	1.8	1.1	0.0
45°	25.5	13.6	4.8	2.2	1.8	1.1	0.0
42.5°	34.3	17.0	5.4	2.6	1.9	1.2	0.0
40°	43.1	20.6	7.1	3.2	1.9	1.2	0.0
37.5°	51.8	24.3	9.9	3.9	2.0	1.3	0.0
35°	60.5	30.2	12.7	4.7	2.1	1.3	0.0
32.5°	69.6	37.1	15.6	5.5	2.1	1.3	0.0
30°	79.8	43.7	18.5	6.4	2.2	1.4	0.0
27.5°	89.8	50.2	21.8	7.3	2.3	1.4	0.0
25°	99.3	56.4	25.1	8.3	2.4	1.5	0.0
22.5°	108.5	62.5	28.3	9.3	2.5	1.5	0.0
20°	117.2	68.4	31.4	10.3	2.6	1.5	0.0
17.5°	125.3	73.9	34.4	11.4	2.7	1.5	0.0
15°	132.7	79.1	37.3	12.4	2.8	1.5	0.0
12.5°	139.5	83.9	40.0	13.4	2.9	1.6	0.0
10°	145.7	88.3	42.5	14.4	3.0	1.6	0.0
7.5°	151.2	92.3	44.9	15.4	3.1	1.6	0.0
5°	156.0	95.8	47.0	16.3	3.1	1.6	0.0
2.5°	160.2	98.9	49.0	17.2	3.2	1.6	0.0
0°	163.6	101.5	50.7	18.0	3.3	1.6	0.0
-2.5°	168.1	104.7	53.0	19.1	3.8	1.7	0.0
-5°	171.7	107.4	55.1	20.2	4.3	1.8	0.0
-7.5°	174.7	109.5	56.8	21.1	4.7	1.9	0.0
-10°	176.7	111.1	58.2	22.0	5.2	2.0	0.0
-12.5°	178.0	112.2	59.3	22.7	5.6	2.1	0.0
-15°	178.4	112.7	60.0	23.2	6.0	2.2	0.0
-17.5°	177.8	112.6	60.4	23.7	6.4	2.2	0.0
-20°	177.3	112.0	60.3	24.0	6.7	2.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.4	110.8	59.8	24.1	7.0	2.3	0.0
-25°	176.6	110.4	58.9	24.1	7.3	2.4	0.0
-27.5°	174.9	109.9	57.5	24.0	7.5	2.4	0.0
-30°	172.4	108.7	55.9	23.6	7.7	2.4	0.0
-32.5°	168.9	106.8	55.2	23.1	7.8	2.5	0.0
-35°	165.6	104.3	54.0	22.4	7.9	2.5	0.0
-37.5°	161.9	101.5	52.4	21.6	7.9	2.5	0.0
-40°	157.2	99.0	50.3	20.6	7.9	2.4	0.0
-42.5°	151.6	95.9	48.8	19.6	7.8	2.4	0.0
-45°	145.2	92.2	47.9	18.9	7.7	2.4	0.0
-47.5°	137.8	87.8	46.4	17.8	7.5	2.3	0.0
-50°	131.4	82.9	44.5	17.5	7.3	2.2	0.0
-52.5°	124.5	77.3	42.0	17.3	7.0	2.2	0.0
-55°	116.8	72.8	39.1	16.8	6.6	2.1	0.0
-57.5°	108.4	67.8	35.7	16.1	6.3	2.0	0.0
-60°	99.4	62.2	32.0	15.2	5.8	1.9	0.0
-62.5°	90.7	56.0	29.8	14.2	5.5	1.7	0.0
-65°	81.2	49.1	27.3	12.9	5.1	1.6	0.0
-67.5°	70.8	43.0	24.4	11.5	4.7	1.5	0.0
-70°	59.7	37.7	21.2	9.9	4.2	1.3	0.0
-72.5°	50.7	32.0	17.8	8.7	3.8	1.2	0.0
-75°	41.7	25.9	14.1	7.6	3.3	1.0	0.0
-77.5°	32.1	19.5	11.7	6.4	2.8	0.9	0.0
-80°	22.2	14.9	9.5	5.2	2.2	0.7	0.0
-82.5°	16.4	11.3	7.2	3.9	1.7	0.5	0.0
-85°	11.0	7.6	4.8	2.6	1.1	0.4	0.0
-87.5°	5.5	3.8	2.4	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)