

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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-730-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-730-U-WR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N93  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

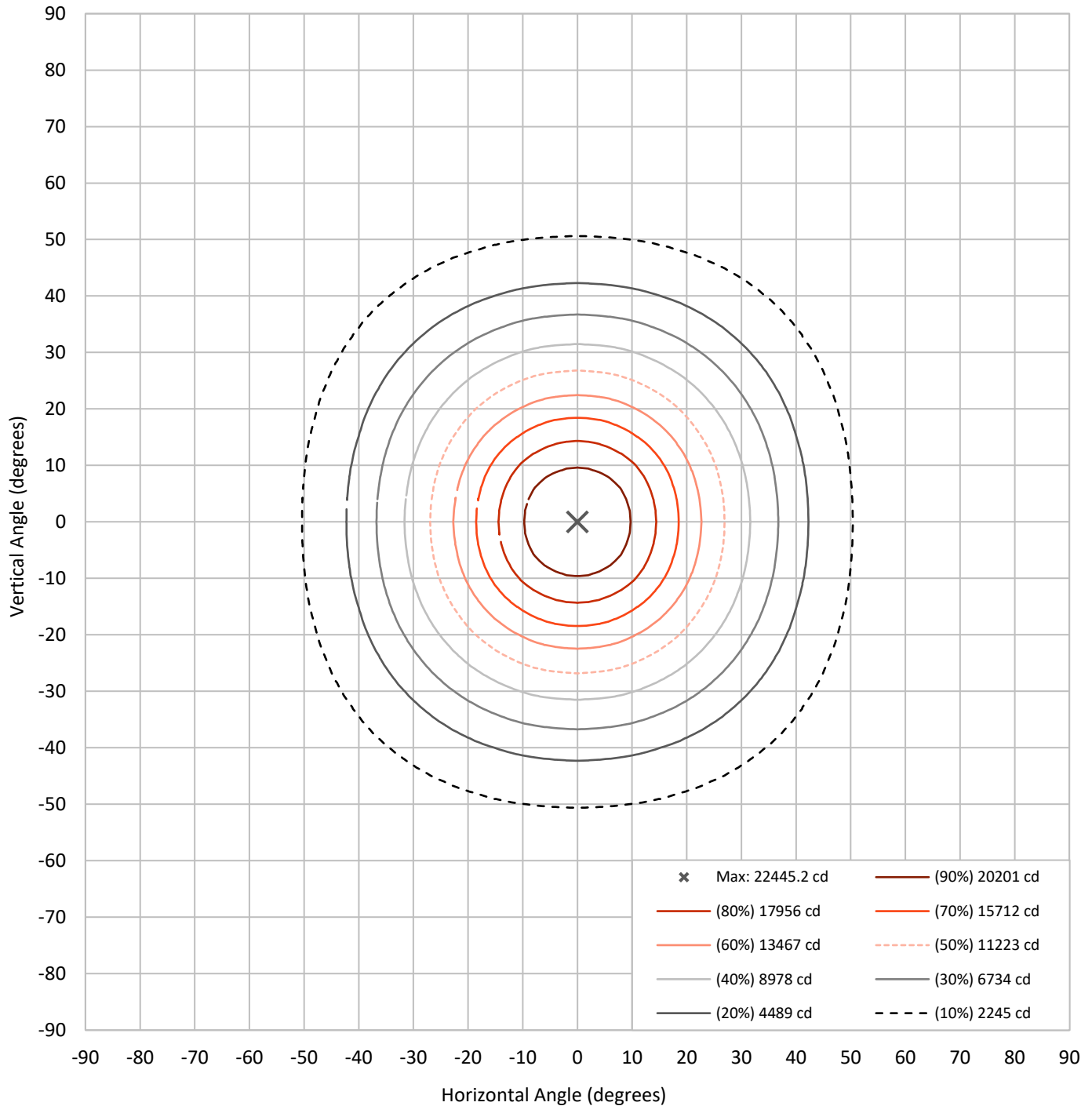
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22844 lumens	Max Intensity:	22445.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	10922.6 lumens	Field Lumens:	20160.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

### Iso-Candela Plot





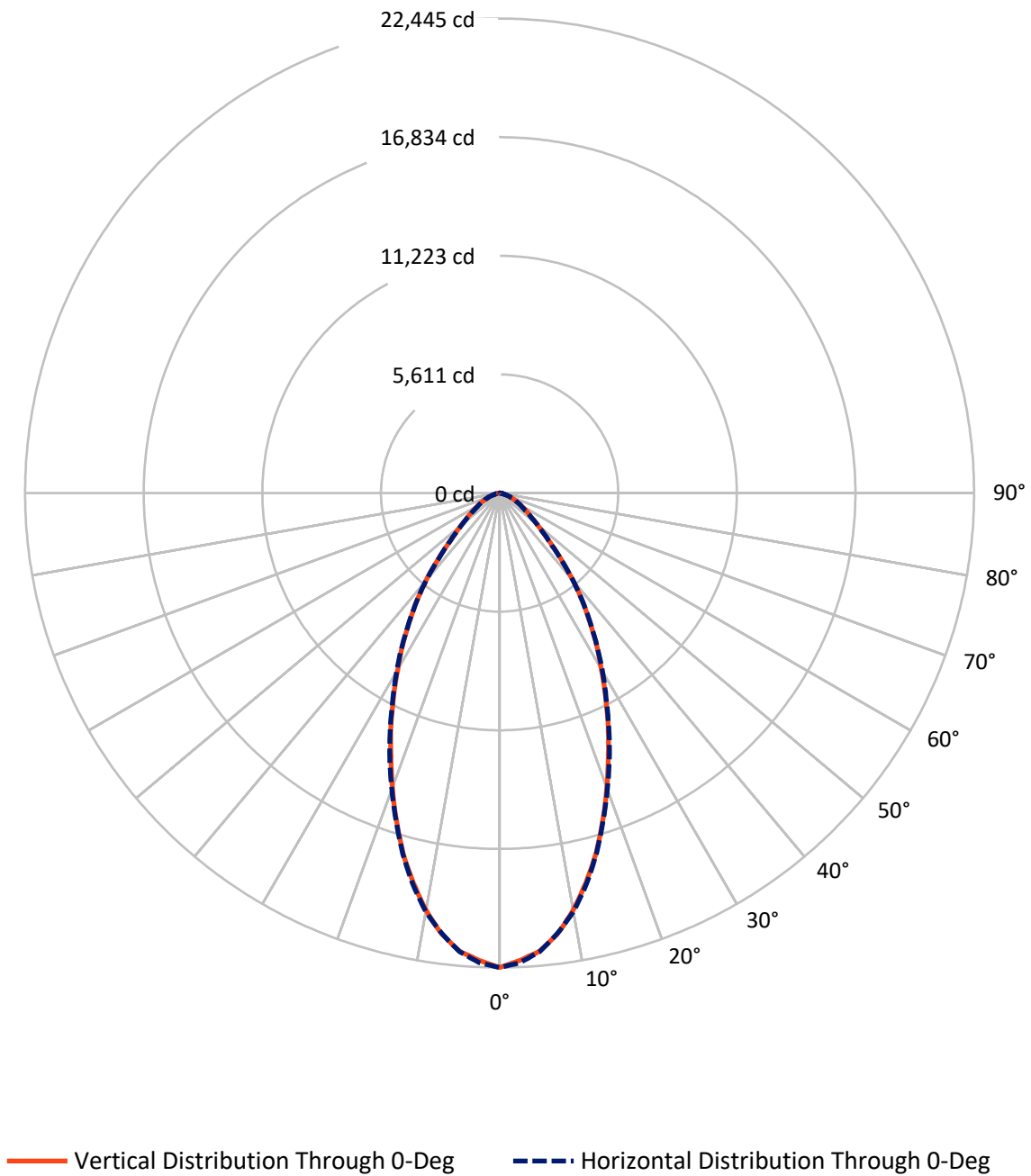
REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

### Lumen Table

90																			
80	0.9	6.3		14.4		23.9		20.5		23.9		14.4		6.3		0.9			
70																			
60	3.0	3.5	6.5	10.5	15.2	19.8	23.2	24.8	24.8	23.2	19.8	15.2	10.5	6.5	3.5	3.0			
50		4.9	9.9	17.2	26.3	36.2	45.1	50.3	50.3	45.1	36.2	26.3	17.2	9.9	4.9				
40	4.4	6.3	13.7	25.6	43.1	66.3	91.4	108.2	108.2	91.4	66.3	43.1	25.6	13.7	6.3	4.4			
30		7.7	17.9	37.2	72.4	128.6	186.8	221.6	221.6	186.8	128.6	72.4	37.2	17.9	7.7				
20	5.2	8.9	22.3	52.1	117.0	210.4	301.1	359.9	359.9	301.1	210.4	117.0	52.1	22.3	8.9	5.2			
10		9.9	26.2	67.5	159.7	284.1	419.5	516.0	516.0	419.5	284.1	159.7	67.5	26.2	9.9				
0	5.4	10.4	28.4	77.5	183.9	330.3	502.6	632.1	632.1	502.6	330.3	183.9	77.5	28.4	10.4	5.4			
-10		10.4	28.4	77.5	183.9	330.3	502.6	632.1	632.1	502.6	330.3	183.9	77.5	28.4	10.4				
-20	5.2	9.9	26.2	67.5	159.7	284.1	419.5	516.0	516.0	419.5	284.1	159.7	67.5	26.2	9.9	5.2			
-30		8.9	22.3	52.1	117.0	210.4	301.1	359.9	359.9	301.1	210.4	117.0	52.1	22.3	8.9				
-40	4.4	7.7	17.9	37.2	72.4	128.6	186.8	221.6	221.6	186.8	128.6	72.4	37.2	17.9	7.7	4.4			
-50		6.3	13.7	25.6	43.1	66.3	91.4	108.2	108.2	91.4	66.3	43.1	25.6	13.7	6.3				
-60	3.0	4.9	9.9	17.2	26.3	36.2	45.1	50.3	50.3	45.1	36.2	26.3	17.2	9.9	4.9	3.0			
-70		3.5	6.5	10.5	15.2	19.8	23.2	24.8	24.8	23.2	19.8	15.2	10.5	6.5	3.5				
-80																			
-90	0.9	6.3		14.4		23.9		20.5		23.9		14.4		6.3		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

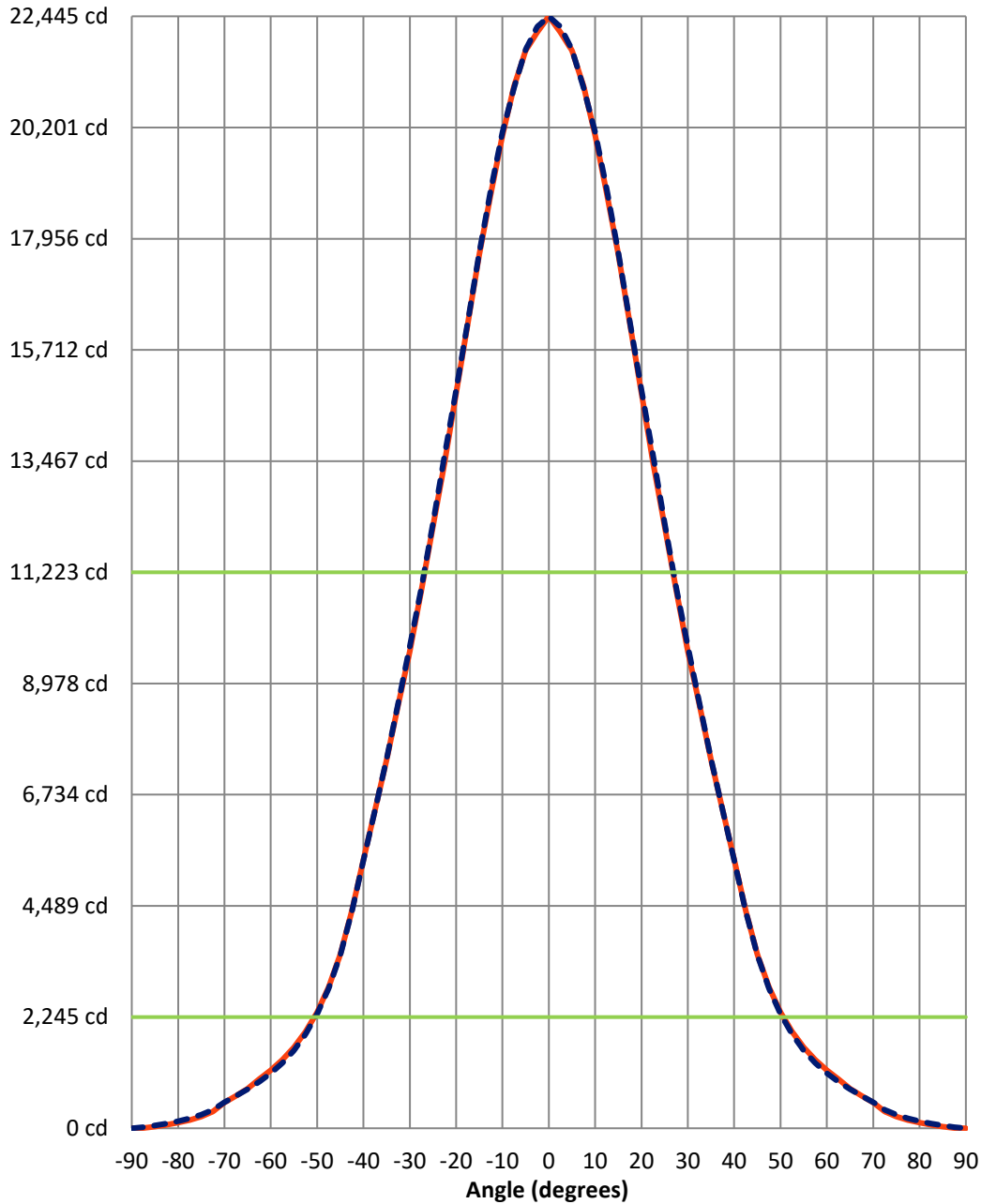
REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 10922.6  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 20160.6  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 2683.4  
 Efficiency: 11.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-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	1.1	2.6	4.3	6.2	8.3	10.7	11.8	12.7	13.5	14.1
85°	0.0	2.3	5.2	8.6	12.4	16.6	21.3	23.6	25.5	27.0	28.2
82.5°	0.0	3.4	7.8	12.8	18.5	24.8	31.8	35.4	39.0	45.2	50.7
80°	0.0	4.5	10.4	17.0	24.5	32.9	43.2	53.7	62.8	71.0	78.3
77.5°	0.0	5.6	12.9	21.2	30.5	42.8	61.7	75.3	86.6	96.8	107.0
75°	0.0	6.7	15.4	25.2	36.9	56.0	79.7	96.8	110.4	124.3	139.1
72.5°	0.0	7.8	17.9	29.2	45.8	68.8	97.1	117.9	134.3	151.9	170.7
70°	0.0	8.9	20.2	33.4	54.3	81.1	113.6	137.8	157.8	179.1	204.2
67.5°	0.0	9.9	22.6	38.6	62.4	92.8	127.9	157.4	180.7	207.2	237.3
65°	0.0	10.9	24.8	43.6	70.2	103.6	141.5	176.4	203.4	234.3	268.7
62.5°	0.0	11.9	26.9	48.3	77.5	113.5	154.4	194.5	225.2	260.3	297.9
60°	0.0	12.8	29.0	52.8	84.3	122.7	166.4	211.7	246.0	285.5	326.2
57.5°	0.0	13.7	31.5	56.9	90.7	131.3	177.3	227.1	267.0	309.8	352.3
55°	0.0	14.6	34.0	60.7	96.6	139.3	187.3	239.4	287.6	333.1	377.2
52.5°	0.0	15.4	36.3	64.2	102.0	146.5	196.5	252.8	307.3	355.3	401.6
50°	0.0	16.2	38.5	67.4	107.0	153.2	204.9	265.4	326.3	376.9	428.4
47.5°	0.0	17.0	40.7	70.3	111.4	159.2	212.6	276.9	345.1	398.0	454.6
45°	0.0	17.7	42.7	73.1	115.3	164.6	221.3	287.2	358.6	420.7	480.0
42.5°	0.0	18.3	44.6	75.7	118.6	169.2	229.1	297.3	370.9	442.7	506.3
40°	0.0	18.9	46.4	78.5	121.6	173.1	235.9	307.1	383.1	463.1	531.8
37.5°	0.0	19.5	48.0	81.3	124.3	176.3	241.7	315.9	396.5	479.2	555.9
35°	0.0	20.0	49.6	83.9	126.5	179.9	246.6	323.8	409.3	496.9	580.6
32.5°	0.0	20.5	51.0	86.3	128.2	183.4	251.0	330.7	421.5	514.9	605.8
30°	0.0	20.9	52.3	88.4	129.4	186.0	255.9	337.5	433.0	533.1	629.6
27.5°	0.0	21.3	53.4	90.3	132.1	187.9	260.0	345.8	445.0	551.3	651.9
25°	0.0	21.6	54.4	92.0	134.8	189.0	263.1	353.3	458.5	569.1	672.8
22.5°	0.0	21.9	55.3	93.4	137.1	190.5	265.3	359.9	471.3	585.5	695.5
20°	0.0	22.1	56.1	94.5	139.1	194.0	266.6	365.4	483.4	600.3	715.9
17.5°	0.0	22.3	56.7	95.4	140.8	196.8	269.6	369.9	494.5	613.3	733.8
15°	0.0	22.4	57.2	96.1	142.2	199.1	273.2	374.2	504.5	624.5	749.2
12.5°	0.0	22.5	57.5	96.5	143.2	200.7	275.8	378.0	513.0	633.8	762.1
10°	0.0	22.5	57.7	96.7	143.8	201.7	277.4	380.1	519.6	641.6	772.5
7.5°	0.0	22.5	57.7	96.7	144.1	202.1	278.0	380.6	524.2	647.6	780.5
5°	0.0	22.5	57.7	96.4	144.0	201.9	277.7	379.5	526.7	651.7	785.9
2.5°	0.0	22.4	57.4	95.9	143.6	201.2	276.5	376.9	527.1	653.8	788.5
0°	0.0	22.2	57.1	95.2	142.8	199.9	274.4	372.8	525.1	653.6	788.4
-2.5°	0.0	22.4	57.4	95.9	143.6	201.2	276.5	376.9	527.1	653.8	788.5
-5°	0.0	22.5	57.7	96.4	144.0	201.9	277.7	379.5	526.7	651.7	785.9
-7.5°	0.0	22.5	57.7	96.7	144.1	202.1	278.0	380.6	524.2	647.6	780.5
-10°	0.0	22.5	57.7	96.7	143.8	201.7	277.4	380.1	519.6	641.6	772.5
-12.5°	0.0	22.5	57.5	96.5	143.2	200.7	275.8	378.0	513.0	633.8	762.1
-15°	0.0	22.4	57.2	96.1	142.2	199.1	273.2	374.2	504.5	624.5	749.2
-17.5°	0.0	22.3	56.7	95.4	140.8	196.8	269.6	369.9	494.5	613.3	733.8
-20°	0.0	22.1	56.1	94.5	139.1	194.0	266.6	365.4	483.4	600.3	715.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.9	55.3	93.4	137.1	190.5	265.3	359.9	471.3	585.5	695.5
-25°	0.0	21.6	54.4	92.0	134.8	189.0	263.1	353.3	458.5	569.1	672.8
-27.5°	0.0	21.3	53.4	90.3	132.1	187.9	260.0	345.8	445.0	551.3	651.9
-30°	0.0	20.9	52.3	88.4	129.4	186.0	255.9	337.5	433.0	533.1	629.6
-32.5°	0.0	20.5	51.0	86.3	128.2	183.4	251.0	330.7	421.5	514.9	605.8
-35°	0.0	20.0	49.6	83.9	126.5	179.9	246.6	323.8	409.3	496.9	580.6
-37.5°	0.0	19.5	48.0	81.3	124.3	176.3	241.7	315.9	396.5	479.2	555.9
-40°	0.0	18.9	46.4	78.5	121.6	173.1	235.9	307.1	383.1	463.1	531.8
-42.5°	0.0	18.3	44.6	75.7	118.6	169.2	229.1	297.3	370.9	442.7	506.3
-45°	0.0	17.7	42.7	73.1	115.3	164.6	221.3	287.2	358.6	420.7	480.0
-47.5°	0.0	17.0	40.7	70.3	111.4	159.2	212.6	276.9	345.1	398.0	454.6
-50°	0.0	16.2	38.5	67.4	107.0	153.2	204.9	265.4	326.3	376.9	428.4
-52.5°	0.0	15.4	36.3	64.2	102.0	146.5	196.5	252.8	307.3	355.3	401.6
-55°	0.0	14.6	34.0	60.7	96.6	139.3	187.3	239.4	287.6	333.1	377.2
-57.5°	0.0	13.7	31.5	56.9	90.7	131.3	177.3	227.1	267.0	309.8	352.3
-60°	0.0	12.8	29.0	52.8	84.3	122.7	166.4	211.7	246.0	285.5	326.2
-62.5°	0.0	11.9	26.9	48.3	77.5	113.5	154.4	194.5	225.2	260.3	297.9
-65°	0.0	10.9	24.8	43.6	70.2	103.6	141.5	176.4	203.4	234.3	268.7
-67.5°	0.0	9.9	22.6	38.6	62.4	92.8	127.9	157.4	180.7	207.2	237.3
-70°	0.0	8.9	20.2	33.4	54.3	81.1	113.6	137.8	157.8	179.1	204.2
-72.5°	0.0	7.8	17.9	29.2	45.8	68.8	97.1	117.9	134.3	151.9	170.7
-75°	0.0	6.7	15.4	25.2	36.9	56.0	79.7	96.8	110.4	124.3	139.1
-77.5°	0.0	5.6	12.9	21.2	30.5	42.8	61.7	75.3	86.6	96.8	107.0
-80°	0.0	4.5	10.4	17.0	24.5	32.9	43.2	53.7	62.8	71.0	78.3
-82.5°	0.0	3.4	7.8	12.8	18.5	24.8	31.8	35.4	39.0	45.2	50.7
-85°	0.0	2.3	5.2	8.6	12.4	16.6	21.3	23.6	25.5	27.0	28.2
-87.5°	0.0	1.1	2.6	4.3	6.2	8.3	10.7	11.8	12.7	13.5	14.1
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-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°	14.3	14.3	14.1	13.7	13.1	12.3	11.3	10.1	10.5	11.0	11.3
85°	28.6	28.6	31.0	33.2	34.2	34.3	33.7	32.2	36.4	41.2	46.3
82.5°	55.8	60.7	65.3	69.5	70.0	68.9	66.8	64.3	72.8	83.0	93.8
80°	85.6	92.7	101.0	108.6	110.4	109.7	107.3	103.4	114.6	130.4	147.5
77.5°	118.8	130.1	140.7	150.4	153.2	152.8	151.0	147.9	162.1	184.0	206.8
75°	153.8	167.6	181.2	193.1	198.2	198.7	198.1	201.4	220.2	245.8	268.4
72.5°	190.3	207.8	223.1	236.3	244.5	250.8	259.1	269.3	288.3	313.4	335.6
70°	228.9	248.3	264.5	279.1	291.7	305.4	323.0	340.4	360.3	385.4	408.5
67.5°	267.0	286.7	304.9	322.9	345.8	367.8	389.6	412.4	437.5	463.9	487.2
65°	302.3	324.5	346.8	372.9	402.7	427.6	454.5	484.1	517.0	546.7	573.8
62.5°	336.2	361.3	388.8	420.3	452.6	483.8	519.9	557.9	596.4	633.7	670.7
60°	364.8	396.0	429.5	465.1	502.4	544.7	587.1	632.3	678.3	723.2	768.9
57.5°	392.3	430.9	469.5	510.9	557.4	605.9	656.7	707.7	762.6	817.0	868.9
55°	420.8	466.3	510.2	559.3	612.5	669.5	727.0	788.8	849.4	917.8	980.9
52.5°	451.3	500.8	552.4	608.6	670.8	735.0	802.4	873.2	948.7	1024.7	1101.9
50°	481.1	536.9	594.3	661.5	731.0	804.4	882.2	964.7	1052.7	1140.7	1234.0
47.5°	512.2	571.7	641.8	714.9	794.5	878.0	966.1	1064.3	1162.0	1272.8	1379.8
45°	542.8	611.3	687.4	772.3	859.7	953.7	1058.5	1166.3	1291.1	1416.2	1556.8
42.5°	572.3	651.3	737.2	827.8	927.3	1035.4	1151.4	1286.9	1427.6	1582.5	1747.5
40°	606.1	689.4	786.2	887.5	995.3	1118.9	1258.5	1408.9	1580.5	1764.0	1951.6
37.5°	638.9	732.5	834.5	944.5	1069.6	1208.8	1362.9	1547.3	1745.3	1954.0	2209.0
35°	669.7	773.5	884.4	1004.8	1140.3	1301.6	1485.9	1689.7	1917.9	2187.0	2484.6
32.5°	702.4	812.3	931.4	1066.5	1220.0	1396.2	1605.5	1845.3	2115.3	2421.8	2794.1
30°	735.3	852.3	978.1	1124.4	1295.0	1498.9	1736.7	2001.8	2312.5	2696.8	3133.9
27.5°	765.7	889.6	1027.5	1185.6	1368.0	1593.7	1862.8	2173.6	2539.6	2973.9	3484.5
25°	793.7	923.6	1072.8	1243.9	1448.5	1696.0	1987.8	2332.0	2766.9	3284.7	3913.0
22.5°	820.4	954.6	1113.8	1296.4	1521.0	1795.0	2123.5	2517.3	2998.0	3579.2	4332.6
20°	845.4	988.1	1154.5	1346.5	1585.8	1884.4	2248.2	2690.3	3237.3	3925.4	4744.2
17.5°	867.4	1017.6	1193.0	1400.8	1658.1	1975.2	2365.8	2843.0	3450.4	4234.6	5123.9
15°	886.3	1043.1	1226.3	1447.8	1723.1	2065.5	2489.3	3010.5	3672.6	4515.7	5457.3
12.5°	902.1	1064.4	1254.3	1487.3	1777.7	2141.9	2594.8	3159.8	3889.1	4780.5	5750.0
10°	914.6	1081.5	1276.9	1519.2	1821.8	2203.9	2681.7	3281.9	4069.2	5007.5	5997.6
7.5°	925.0	1094.8	1294.1	1543.4	1855.1	2251.3	2749.3	3376.2	4209.9	5187.2	6187.7
5°	932.5	1104.4	1307.3	1560.3	1879.6	2284.3	2796.6	3442.0	4310.1	5317.4	6317.6
2.5°	936.6	1109.6	1314.8	1569.4	1894.6	2303.0	2821.4	3483.4	4365.1	5391.8	6396.1
0°	937.5	1110.4	1316.7	1570.5	1898.9	2306.5	2825.3	3496.3	4376.7	5411.0	6424.7
-2.5°	936.6	1109.6	1314.8	1569.4	1894.6	2303.0	2821.4	3483.4	4365.1	5391.8	6396.1
-5°	932.5	1104.4	1307.3	1560.3	1879.6	2284.3	2796.6	3442.0	4310.1	5317.4	6317.6
-7.5°	925.0	1094.8	1294.1	1543.4	1855.1	2251.3	2749.3	3376.2	4209.9	5187.2	6187.7
-10°	914.6	1081.5	1276.9	1519.2	1821.8	2203.9	2681.7	3281.9	4069.2	5007.5	5997.6
-12.5°	902.1	1064.4	1254.3	1487.3	1777.7	2141.9	2594.8	3159.8	3889.1	4780.5	5750.0
-15°	886.3	1043.1	1226.3	1447.8	1723.1	2065.5	2489.3	3010.5	3672.6	4515.7	5457.3
-17.5°	867.4	1017.6	1193.0	1400.8	1658.1	1975.2	2365.8	2843.0	3450.4	4234.6	5123.9
-20°	845.4	988.1	1154.5	1346.5	1585.8	1884.4	2248.2	2690.3	3237.3	3925.4	4744.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	820.4	954.6	1113.8	1296.4	1521.0	1795.0	2123.5	2517.3	2998.0	3579.2	4332.6
-25°	793.7	923.6	1072.8	1243.9	1448.5	1696.0	1987.8	2332.0	2766.9	3284.7	3913.0
-27.5°	765.7	889.6	1027.5	1185.6	1368.0	1593.7	1862.8	2173.6	2539.6	2973.9	3484.5
-30°	735.3	852.3	978.1	1124.4	1295.0	1498.9	1736.7	2001.8	2312.5	2696.8	3133.9
-32.5°	702.4	812.3	931.4	1066.5	1220.0	1396.2	1605.5	1845.3	2115.3	2421.8	2794.1
-35°	669.7	773.5	884.4	1004.8	1140.3	1301.6	1485.9	1689.7	1917.9	2187.0	2484.6
-37.5°	638.9	732.5	834.5	944.5	1069.6	1208.8	1362.9	1547.3	1745.3	1954.0	2209.0
-40°	606.1	689.4	786.2	887.5	995.3	1118.9	1258.5	1408.9	1580.5	1764.0	1951.6
-42.5°	572.3	651.3	737.2	827.8	927.3	1035.4	1151.4	1286.9	1427.6	1582.5	1747.5
-45°	542.8	611.3	687.4	772.3	859.7	953.7	1058.5	1166.3	1291.1	1416.2	1556.8
-47.5°	512.2	571.7	641.8	714.9	794.5	878.0	966.1	1064.3	1162.0	1272.8	1379.8
-50°	481.1	536.9	594.3	661.5	731.0	804.4	882.2	964.7	1052.7	1140.7	1234.0
-52.5°	451.3	500.8	552.4	608.6	670.8	735.0	802.4	873.2	948.7	1024.7	1101.9
-55°	420.8	466.3	510.2	559.3	612.5	669.5	727.0	788.8	849.4	917.8	980.9
-57.5°	392.3	430.9	469.5	510.9	557.4	605.9	656.7	707.7	762.6	817.0	868.9
-60°	364.8	396.0	429.5	465.1	502.4	544.7	587.1	632.3	678.3	723.2	768.9
-62.5°	336.2	361.3	388.8	420.3	452.6	483.8	519.9	557.9	596.4	633.7	670.7
-65°	302.3	324.5	346.8	372.9	402.7	427.6	454.5	484.1	517.0	546.7	573.8
-67.5°	267.0	286.7	304.9	322.9	345.8	367.8	389.6	412.4	437.5	463.9	487.2
-70°	228.9	248.3	264.5	279.1	291.7	305.4	323.0	340.4	360.3	385.4	408.5
-72.5°	190.3	207.8	223.1	236.3	244.5	250.8	259.1	269.3	288.3	313.4	335.6
-75°	153.8	167.6	181.2	193.1	198.2	198.7	198.1	201.4	220.2	245.8	268.4
-77.5°	118.8	130.1	140.7	150.4	153.2	152.8	151.0	147.9	162.1	184.0	206.8
-80°	85.6	92.7	101.0	108.6	110.4	109.7	107.3	103.4	114.6	130.4	147.5
-82.5°	55.8	60.7	65.3	69.5	70.0	68.9	66.8	64.3	72.8	83.0	93.8
-85°	28.6	28.6	31.0	33.2	34.2	34.3	33.7	32.2	36.4	41.2	46.3
-87.5°	14.3	14.3	14.1	13.7	13.1	12.3	11.3	10.1	10.5	11.0	11.3
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.7	11.4	11.0	10.6	10.1	9.9	9.7	9.4	9.2	8.5	7.8
85°	51.6	52.8	53.4	53.7	53.7	55.4	57.1	58.5	59.8	54.2	48.0
82.5°	104.9	109.9	114.2	118.4	122.7	125.6	127.8	129.4	130.4	118.1	104.2
80°	165.1	175.5	184.0	192.2	200.0	202.0	202.0	200.8	198.7	181.8	162.6
77.5°	229.6	243.2	253.9	264.6	275.1	278.9	280.8	282.2	283.2	262.3	236.5
75°	288.1	304.3	319.3	333.3	346.2	353.0	357.0	360.3	362.9	341.9	314.3
72.5°	354.9	372.0	388.3	403.7	417.4	426.4	432.3	437.2	441.0	429.0	411.8
70°	428.3	446.0	463.2	479.2	494.7	506.9	516.4	524.7	531.6	532.9	532.3
67.5°	509.8	530.7	551.1	568.7	587.0	604.2	619.3	631.8	641.9	648.5	652.2
65°	601.2	632.7	660.6	684.3	704.1	727.0	747.2	762.7	773.6	781.8	788.9
62.5°	709.0	747.1	779.0	810.6	843.2	874.8	894.6	914.5	933.8	952.2	967.8
60°	812.8	854.5	897.7	938.0	975.3	1009.7	1045.2	1076.7	1104.2	1127.3	1144.5
57.5°	923.3	974.1	1023.2	1074.5	1122.6	1167.6	1211.4	1251.9	1287.0	1316.4	1340.5
55°	1043.2	1105.4	1163.9	1228.9	1291.8	1349.3	1402.1	1456.3	1505.2	1548.2	1582.3
52.5°	1172.7	1253.4	1330.9	1407.1	1488.8	1562.4	1628.4	1703.5	1770.1	1825.2	1868.1
50°	1327.1	1422.0	1524.2	1618.8	1721.8	1823.1	1916.6	2007.2	2095.8	2172.4	2234.4
47.5°	1503.0	1619.7	1746.4	1871.8	1999.6	2138.2	2261.9	2376.8	2500.7	2608.2	2694.5
45°	1698.4	1847.4	2000.3	2176.5	2338.8	2516.9	2681.8	2829.8	3005.5	3160.2	3284.8
42.5°	1915.3	2113.7	2314.8	2536.7	2752.1	2978.2	3218.4	3431.4	3664.4	3886.5	4066.0
40°	2184.1	2421.2	2690.5	2959.2	3268.4	3558.8	3908.6	4226.6	4515.4	4780.2	4997.2
37.5°	2482.8	2788.1	3126.4	3476.4	3899.4	4313.9	4723.5	5110.2	5451.6	5741.4	5984.6
35°	2821.9	3209.8	3619.6	4130.5	4626.1	5122.7	5585.3	6007.9	6379.2	6706.2	6984.3
32.5°	3212.0	3677.5	4251.2	4825.1	5390.5	5937.2	6445.1	6906.0	7313.3	7680.4	8000.2
30°	3622.1	4257.3	4901.2	5530.8	6148.2	6747.1	7304.5	7812.2	8272.4	8681.1	9049.5
27.5°	4143.2	4847.1	5549.3	6228.0	6907.2	7562.6	8166.8	8730.8	9258.8	9720.7	10141.9
25°	4647.3	5424.9	6171.3	6911.3	7650.7	8354.4	9029.9	9667.0	10271.7	10801.9	11272.0
22.5°	5151.3	5965.2	6762.8	7558.5	8352.8	9137.3	9895.7	10625.6	11301.9	11905.6	12434.8
20°	5618.0	6468.9	7321.8	8179.6	9040.6	9899.3	10751.2	11572.6	12325.9	13023.0	13635.5
17.5°	6036.5	6941.4	7845.7	8763.3	9696.6	10628.9	11575.2	12495.9	13357.2	14150.3	14860.9
15°	6407.1	7351.3	8322.5	9312.7	10314.9	11327.4	12359.9	13390.1	14359.6	15260.5	16053.8
12.5°	6731.1	7712.7	8730.7	9782.7	10870.5	11973.5	13100.4	14229.6	15302.9	16343.0	17199.6
10°	6998.4	8020.2	9084.1	10189.5	11336.7	12523.8	13732.8	14948.3	16130.8	17234.1	18213.7
7.5°	7204.9	8264.9	9361.2	10511.0	11714.5	12966.4	14247.0	15537.0	16798.9	17987.7	19071.5
5°	7350.6	8443.1	9553.2	10749.2	11994.4	13291.8	14622.8	15967.0	17286.2	18536.2	19659.5
2.5°	7435.1	8550.1	9665.0	10893.9	12160.9	13488.6	14855.8	16222.2	17576.1	18872.6	20026.9
0°	7457.4	8582.1	9729.1	10909.3	12213.3	13580.7	14899.0	16269.6	17676.7	18955.3	20105.4
-2.5°	7435.1	8550.1	9665.0	10893.9	12160.9	13488.6	14855.8	16222.2	17576.1	18872.6	20026.9
-5°	7350.6	8443.1	9553.2	10749.2	11994.4	13291.8	14622.8	15967.0	17286.2	18536.2	19659.5
-7.5°	7204.9	8264.9	9361.2	10511.0	11714.5	12966.4	14247.0	15537.0	16798.9	17987.7	19071.5
-10°	6998.4	8020.2	9084.1	10189.5	11336.7	12523.8	13732.8	14948.3	16130.8	17234.1	18213.7
-12.5°	6731.1	7712.7	8730.7	9782.7	10870.5	11973.5	13100.4	14229.6	15302.9	16343.0	17199.6
-15°	6407.1	7351.3	8322.5	9312.7	10314.9	11327.4	12359.9	13390.1	14359.6	15260.5	16053.8
-17.5°	6036.5	6941.4	7845.7	8763.3	9696.6	10628.9	11575.2	12495.9	13357.2	14150.3	14860.9
-20°	5618.0	6468.9	7321.8	8179.6	9040.6	9899.3	10751.2	11572.6	12325.9	13023.0	13635.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5151.3	5965.2	6762.8	7558.5	8352.8	9137.3	9895.7	10625.6	11301.9	11905.6	12434.8
-25°	4647.3	5424.9	6171.3	6911.3	7650.7	8354.4	9029.9	9667.0	10271.7	10801.9	11272.0
-27.5°	4143.2	4847.1	5549.3	6228.0	6907.2	7562.6	8166.8	8730.8	9258.8	9720.7	10141.9
-30°	3622.1	4257.3	4901.2	5530.8	6148.2	6747.1	7304.5	7812.2	8272.4	8681.1	9049.5
-32.5°	3212.0	3677.5	4251.2	4825.1	5390.5	5937.2	6445.1	6906.0	7313.3	7680.4	8000.2
-35°	2821.9	3209.8	3619.6	4130.5	4626.1	5122.7	5585.3	6007.9	6379.2	6706.2	6984.3
-37.5°	2482.8	2788.1	3126.4	3476.4	3899.4	4313.9	4723.5	5110.2	5451.6	5741.4	5984.6
-40°	2184.1	2421.2	2690.5	2959.2	3268.4	3558.8	3908.6	4226.6	4515.4	4780.2	4997.2
-42.5°	1915.3	2113.7	2314.8	2536.7	2752.1	2978.2	3218.4	3431.4	3664.4	3886.5	4066.0
-45°	1698.4	1847.4	2000.3	2176.5	2338.8	2516.9	2681.8	2829.8	3005.5	3160.2	3284.8
-47.5°	1503.0	1619.7	1746.4	1871.8	1999.6	2138.2	2261.9	2376.8	2500.7	2608.2	2694.5
-50°	1327.1	1422.0	1524.2	1618.8	1721.8	1823.1	1916.6	2007.2	2095.8	2172.4	2234.4
-52.5°	1172.7	1253.4	1330.9	1407.1	1488.8	1562.4	1628.4	1703.5	1770.1	1825.2	1868.1
-55°	1043.2	1105.4	1163.9	1228.9	1291.8	1349.3	1402.1	1456.3	1505.2	1548.2	1582.3
-57.5°	923.3	974.1	1023.2	1074.5	1122.6	1167.6	1211.4	1251.9	1287.0	1316.4	1340.5
-60°	812.8	854.5	897.7	938.0	975.3	1009.7	1045.2	1076.7	1104.2	1127.3	1144.5
-62.5°	709.0	747.1	779.0	810.6	843.2	874.8	894.6	914.5	933.8	952.2	967.8
-65°	601.2	632.7	660.6	684.3	704.1	727.0	747.2	762.7	773.6	781.8	788.9
-67.5°	509.8	530.7	551.1	568.7	587.0	604.2	619.3	631.8	641.9	648.5	652.2
-70°	428.3	446.0	463.2	479.2	494.7	506.9	516.4	524.7	531.6	532.9	532.3
-72.5°	354.9	372.0	388.3	403.7	417.4	426.4	432.3	437.2	441.0	429.0	411.8
-75°	288.1	304.3	319.3	333.3	346.2	353.0	357.0	360.3	362.9	341.9	314.3
-77.5°	229.6	243.2	253.9	264.6	275.1	278.9	280.8	282.2	283.2	262.3	236.5
-80°	165.1	175.5	184.0	192.2	200.0	202.0	202.0	200.8	198.7	181.8	162.6
-82.5°	104.9	109.9	114.2	118.4	122.7	125.6	127.8	129.4	130.4	118.1	104.2
-85°	51.6	52.8	53.4	53.7	53.7	55.4	57.1	58.5	59.8	54.2	48.0
-87.5°	11.7	11.4	11.0	10.6	10.1	9.9	9.7	9.4	9.2	8.5	7.8
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	6.3	5.5	4.8	5.5	6.3	7.0	7.8	8.5	9.2	9.4
85°	41.5	34.7	34.0	33.3	34.0	34.7	41.5	48.0	54.2	59.8	58.5
82.5°	89.6	74.4	72.1	69.8	72.1	74.4	89.6	104.2	118.1	130.4	129.4
80°	142.7	122.0	118.0	114.2	118.0	122.0	142.7	162.6	181.8	198.7	200.8
77.5°	209.3	181.1	172.8	165.0	172.8	181.1	209.3	236.5	262.3	283.2	282.2
75°	285.5	255.8	245.8	236.4	245.8	255.8	285.5	314.3	341.9	362.9	360.3
72.5°	394.3	376.3	357.9	337.9	357.9	376.3	394.3	411.8	429.0	441.0	437.2
70°	531.7	530.4	525.8	518.7	525.8	530.4	531.7	532.3	532.9	531.6	524.7
67.5°	653.8	653.2	654.8	655.2	654.8	653.2	653.8	652.2	648.5	641.9	631.8
65°	793.2	794.8	798.0	799.5	798.0	794.8	793.2	788.9	781.8	773.6	762.7
62.5°	979.8	987.9	991.9	991.5	991.9	987.9	979.8	967.8	952.2	933.8	914.5
60°	1157.3	1165.7	1171.0	1172.3	1171.0	1165.7	1157.3	1144.5	1127.3	1104.2	1076.7
57.5°	1359.6	1373.4	1380.7	1381.7	1380.7	1373.4	1359.6	1340.5	1316.4	1287.0	1251.9
55°	1608.5	1626.7	1634.9	1633.9	1634.9	1626.7	1608.5	1582.3	1548.2	1505.2	1456.3
52.5°	1900.6	1922.8	1939.5	1949.6	1939.5	1922.8	1900.6	1868.1	1825.2	1770.1	1703.5
50°	2281.0	2312.9	2333.2	2341.4	2333.2	2312.9	2281.0	2234.4	2172.4	2095.8	2007.2
47.5°	2756.8	2799.1	2830.4	2852.3	2830.4	2799.1	2756.8	2694.5	2608.2	2500.7	2376.8
45°	3376.8	3441.2	3485.0	3510.6	3485.0	3441.2	3376.8	3284.8	3160.2	3005.5	2829.8
42.5°	4206.1	4306.2	4367.5	4391.0	4367.5	4306.2	4206.1	4066.0	3886.5	3664.4	3431.4
40°	5168.6	5288.9	5367.7	5422.1	5367.7	5288.9	5168.6	4997.2	4780.2	4515.4	4226.6
37.5°	6171.2	6297.4	6374.1	6426.3	6374.1	6297.4	6171.2	5984.6	5741.4	5451.6	5110.2
35°	7194.0	7326.1	7398.1	7438.4	7398.1	7326.1	7194.0	6984.3	6706.2	6379.2	6007.9
32.5°	8243.9	8389.5	8467.8	8548.8	8467.8	8389.5	8243.9	8000.2	7680.4	7313.3	6906.0
30°	9340.6	9507.7	9589.6	9629.1	9589.6	9507.7	9340.6	9049.5	8681.1	8272.4	7812.2
27.5°	10481.8	10690.0	10792.6	10860.1	10792.6	10690.0	10481.8	10141.9	9720.7	9258.8	8730.8
25°	11669.2	11927.2	12044.7	12149.8	12044.7	11927.2	11669.2	11272.0	10801.9	10271.7	9667.0
22.5°	12901.1	13222.4	13358.5	13433.2	13358.5	13222.4	12901.1	12434.8	11905.6	11301.9	10625.6
20°	14165.2	14549.2	14738.2	14835.5	14738.2	14549.2	14165.2	13635.5	13023.0	12325.9	11572.6
17.5°	15457.8	15935.4	16180.1	16236.3	16180.1	15935.4	15457.8	14860.9	14150.3	13357.2	12495.9
15°	16726.8	17243.4	17532.6	17638.6	17532.6	17243.4	16726.8	16053.8	15260.5	14359.6	13390.1
12.5°	17928.6	18464.1	18809.6	18871.2	18809.6	18464.1	17928.6	17199.6	16343.0	15302.9	14229.6
10°	19018.5	19573.2	19954.9	20041.9	19954.9	19573.2	19018.5	18213.7	17234.1	16130.8	14948.3
7.5°	19929.7	20538.3	20960.0	21033.4	20960.0	20538.3	19929.7	19071.5	17987.7	16798.9	15537.0
5°	20596.4	21319.0	21665.1	21752.0	21665.1	21319.0	20596.4	19659.5	18536.2	17286.2	15967.0
2.5°	20962.0	21697.7	22178.8	22123.2	22178.8	21697.7	20962.0	20026.9	18872.6	17576.1	16222.2
0°	21003.2	21772.6	22232.7	22445.2	22232.7	21772.6	21003.2	20105.4	18955.3	17676.7	16269.6
-2.5°	20962.0	21697.7	22178.8	22123.2	22178.8	21697.7	20962.0	20026.9	18872.6	17576.1	16222.2
-5°	20596.4	21319.0	21665.1	21752.0	21665.1	21319.0	20596.4	19659.5	18536.2	17286.2	15967.0
-7.5°	19929.7	20538.3	20960.0	21033.4	20960.0	20538.3	19929.7	19071.5	17987.7	16798.9	15537.0
-10°	19018.5	19573.2	19954.9	20041.9	19954.9	19573.2	19018.5	18213.7	17234.1	16130.8	14948.3
-12.5°	17928.6	18464.1	18809.6	18871.2	18809.6	18464.1	17928.6	17199.6	16343.0	15302.9	14229.6
-15°	16726.8	17243.4	17532.6	17638.6	17532.6	17243.4	16726.8	16053.8	15260.5	14359.6	13390.1
-17.5°	15457.8	15935.4	16180.1	16236.3	16180.1	15935.4	15457.8	14860.9	14150.3	13357.2	12495.9
-20°	14165.2	14549.2	14738.2	14835.5	14738.2	14549.2	14165.2	13635.5	13023.0	12325.9	11572.6



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12901.1	13222.4	13358.5	13433.2	13358.5	13222.4	12901.1	12434.8	11905.6	11301.9	10625.6
-25°	11669.2	11927.2	12044.7	12149.8	12044.7	11927.2	11669.2	11272.0	10801.9	10271.7	9667.0
-27.5°	10481.8	10690.0	10792.6	10860.1	10792.6	10690.0	10481.8	10141.9	9720.7	9258.8	8730.8
-30°	9340.6	9507.7	9589.6	9629.1	9589.6	9507.7	9340.6	9049.5	8681.1	8272.4	7812.2
-32.5°	8243.9	8389.5	8467.8	8548.8	8467.8	8389.5	8243.9	8000.2	7680.4	7313.3	6906.0
-35°	7194.0	7326.1	7398.1	7438.4	7398.1	7326.1	7194.0	6984.3	6706.2	6379.2	6007.9
-37.5°	6171.2	6297.4	6374.1	6426.3	6374.1	6297.4	6171.2	5984.6	5741.4	5451.6	5110.2
-40°	5168.6	5288.9	5367.7	5422.1	5367.7	5288.9	5168.6	4997.2	4780.2	4515.4	4226.6
-42.5°	4206.1	4306.2	4367.5	4391.0	4367.5	4306.2	4206.1	4066.0	3886.5	3664.4	3431.4
-45°	3376.8	3441.2	3485.0	3510.6	3485.0	3441.2	3376.8	3284.8	3160.2	3005.5	2829.8
-47.5°	2756.8	2799.1	2830.4	2852.3	2830.4	2799.1	2756.8	2694.5	2608.2	2500.7	2376.8
-50°	2281.0	2312.9	2333.2	2341.4	2333.2	2312.9	2281.0	2234.4	2172.4	2095.8	2007.2
-52.5°	1900.6	1922.8	1939.5	1949.6	1939.5	1922.8	1900.6	1868.1	1825.2	1770.1	1703.5
-55°	1608.5	1626.7	1634.9	1633.9	1634.9	1626.7	1608.5	1582.3	1548.2	1505.2	1456.3
-57.5°	1359.6	1373.4	1380.7	1381.7	1380.7	1373.4	1359.6	1340.5	1316.4	1287.0	1251.9
-60°	1157.3	1165.7	1171.0	1172.3	1171.0	1165.7	1157.3	1144.5	1127.3	1104.2	1076.7
-62.5°	979.8	987.9	991.9	991.5	991.9	987.9	979.8	967.8	952.2	933.8	914.5
-65°	793.2	794.8	798.0	799.5	798.0	794.8	793.2	788.9	781.8	773.6	762.7
-67.5°	653.8	653.2	654.8	655.2	654.8	653.2	653.8	652.2	648.5	641.9	631.8
-70°	531.7	530.4	525.8	518.7	525.8	530.4	531.7	532.3	532.9	531.6	524.7
-72.5°	394.3	376.3	357.9	337.9	357.9	376.3	394.3	411.8	429.0	441.0	437.2
-75°	285.5	255.8	245.8	236.4	245.8	255.8	285.5	314.3	341.9	362.9	360.3
-77.5°	209.3	181.1	172.8	165.0	172.8	181.1	209.3	236.5	262.3	283.2	282.2
-80°	142.7	122.0	118.0	114.2	118.0	122.0	142.7	162.6	181.8	198.7	200.8
-82.5°	89.6	74.4	72.1	69.8	72.1	74.4	89.6	104.2	118.1	130.4	129.4
-85°	41.5	34.7	34.0	33.3	34.0	34.7	41.5	48.0	54.2	59.8	58.5
-87.5°	7.0	6.3	5.5	4.8	5.5	6.3	7.0	7.8	8.5	9.2	9.4
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	9.9	10.1	10.6	11.0	11.4	11.7	11.3	11.0	10.5	10.1
85°	57.1	55.4	53.7	53.7	53.4	52.8	51.6	46.3	41.2	36.4	32.2
82.5°	127.8	125.6	122.7	118.4	114.2	109.9	104.9	93.8	83.0	72.8	64.3
80°	202.0	202.0	200.0	192.2	184.0	175.5	165.1	147.5	130.4	114.6	103.4
77.5°	280.8	278.9	275.1	264.6	253.9	243.2	229.6	206.8	184.0	162.1	147.9
75°	357.0	353.0	346.2	333.3	319.3	304.3	288.1	268.4	245.8	220.2	201.4
72.5°	432.3	426.4	417.4	403.7	388.3	372.0	354.9	335.6	313.4	288.3	269.3
70°	516.4	506.9	494.7	479.2	463.2	446.0	428.3	408.5	385.4	360.3	340.4
67.5°	619.3	604.2	587.0	568.7	551.1	530.7	509.8	487.2	463.9	437.5	412.4
65°	747.2	727.0	704.1	684.3	660.6	632.7	601.2	573.8	546.7	517.0	484.1
62.5°	894.6	874.8	843.2	810.6	779.0	747.1	709.0	670.7	633.7	596.4	557.9
60°	1045.2	1009.7	975.3	938.0	897.7	854.5	812.8	768.9	723.2	678.3	632.3
57.5°	1211.4	1167.6	1122.6	1074.5	1023.2	974.1	923.3	868.9	817.0	762.6	707.7
55°	1402.1	1349.3	1291.8	1228.9	1163.9	1105.4	1043.2	980.9	917.8	849.4	788.8
52.5°	1628.4	1562.4	1488.8	1407.1	1330.9	1253.4	1172.7	1101.9	1024.7	948.7	873.2
50°	1916.6	1823.1	1721.8	1618.8	1524.2	1422.0	1327.1	1234.0	1140.7	1052.7	964.7
47.5°	2261.9	2138.2	1999.6	1871.8	1746.4	1619.7	1503.0	1379.8	1272.8	1162.0	1064.3
45°	2681.8	2516.9	2338.8	2176.5	2000.3	1847.4	1698.4	1556.8	1416.2	1291.1	1166.3
42.5°	3218.4	2978.2	2752.1	2536.7	2314.8	2113.7	1915.3	1747.5	1582.5	1427.6	1286.9
40°	3908.6	3558.8	3268.4	2959.2	2690.5	2421.2	2184.1	1951.6	1764.0	1580.5	1408.9
37.5°	4723.5	4313.9	3899.4	3476.4	3126.4	2788.1	2482.8	2209.0	1954.0	1745.3	1547.3
35°	5585.3	5122.7	4626.1	4130.5	3619.6	3209.8	2821.9	2484.6	2187.0	1917.9	1689.7
32.5°	6445.1	5937.2	5390.5	4825.1	4251.2	3677.5	3212.0	2794.1	2421.8	2115.3	1845.3
30°	7304.5	6747.1	6148.2	5530.8	4901.2	4257.3	3622.1	3133.9	2696.8	2312.5	2001.8
27.5°	8166.8	7562.6	6907.2	6228.0	5549.3	4847.1	4143.2	3484.5	2973.9	2539.6	2173.6
25°	9029.9	8354.4	7650.7	6911.3	6171.3	5424.9	4647.3	3913.0	3284.7	2766.9	2332.0
22.5°	9895.7	9137.3	8352.8	7558.5	6762.8	5965.2	5151.3	4332.6	3579.2	2998.0	2517.3
20°	10751.2	9899.3	9040.6	8179.6	7321.8	6468.9	5618.0	4744.2	3925.4	3237.3	2690.3
17.5°	11575.2	10628.9	9696.6	8763.3	7845.7	6941.4	6036.5	5123.9	4234.6	3450.4	2843.0
15°	12359.9	11327.4	10314.9	9312.7	8322.5	7351.3	6407.1	5457.3	4515.7	3672.6	3010.5
12.5°	13100.4	11973.5	10870.5	9782.7	8730.7	7712.7	6731.1	5750.0	4780.5	3889.1	3159.8
10°	13732.8	12523.8	11336.7	10189.5	9084.1	8020.2	6998.4	5997.6	5007.5	4069.2	3281.9
7.5°	14247.0	12966.4	11714.5	10511.0	9361.2	8264.9	7204.9	6187.7	5187.2	4209.9	3376.2
5°	14622.8	13291.8	11994.4	10749.2	9553.2	8443.1	7350.6	6317.6	5317.4	4310.1	3442.0
2.5°	14855.8	13488.6	12160.9	10893.9	9665.0	8550.1	7435.1	6396.1	5391.8	4365.1	3483.4
0°	14899.0	13580.7	12213.3	10909.3	9729.1	8582.1	7457.4	6424.7	5411.0	4376.7	3496.3
-2.5°	14855.8	13488.6	12160.9	10893.9	9665.0	8550.1	7435.1	6396.1	5391.8	4365.1	3483.4
-5°	14622.8	13291.8	11994.4	10749.2	9553.2	8443.1	7350.6	6317.6	5317.4	4310.1	3442.0
-7.5°	14247.0	12966.4	11714.5	10511.0	9361.2	8264.9	7204.9	6187.7	5187.2	4209.9	3376.2
-10°	13732.8	12523.8	11336.7	10189.5	9084.1	8020.2	6998.4	5997.6	5007.5	4069.2	3281.9
-12.5°	13100.4	11973.5	10870.5	9782.7	8730.7	7712.7	6731.1	5750.0	4780.5	3889.1	3159.8
-15°	12359.9	11327.4	10314.9	9312.7	8322.5	7351.3	6407.1	5457.3	4515.7	3672.6	3010.5
-17.5°	11575.2	10628.9	9696.6	8763.3	7845.7	6941.4	6036.5	5123.9	4234.6	3450.4	2843.0
-20°	10751.2	9899.3	9040.6	8179.6	7321.8	6468.9	5618.0	4744.2	3925.4	3237.3	2690.3



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9895.7	9137.3	8352.8	7558.5	6762.8	5965.2	5151.3	4332.6	3579.2	2998.0	2517.3
-25°	9029.9	8354.4	7650.7	6911.3	6171.3	5424.9	4647.3	3913.0	3284.7	2766.9	2332.0
-27.5°	8166.8	7562.6	6907.2	6228.0	5549.3	4847.1	4143.2	3484.5	2973.9	2539.6	2173.6
-30°	7304.5	6747.1	6148.2	5530.8	4901.2	4257.3	3622.1	3133.9	2696.8	2312.5	2001.8
-32.5°	6445.1	5937.2	5390.5	4825.1	4251.2	3677.5	3212.0	2794.1	2421.8	2115.3	1845.3
-35°	5585.3	5122.7	4626.1	4130.5	3619.6	3209.8	2821.9	2484.6	2187.0	1917.9	1689.7
-37.5°	4723.5	4313.9	3899.4	3476.4	3126.4	2788.1	2482.8	2209.0	1954.0	1745.3	1547.3
-40°	3908.6	3558.8	3268.4	2959.2	2690.5	2421.2	2184.1	1951.6	1764.0	1580.5	1408.9
-42.5°	3218.4	2978.2	2752.1	2536.7	2314.8	2113.7	1915.3	1747.5	1582.5	1427.6	1286.9
-45°	2681.8	2516.9	2338.8	2176.5	2000.3	1847.4	1698.4	1556.8	1416.2	1291.1	1166.3
-47.5°	2261.9	2138.2	1999.6	1871.8	1746.4	1619.7	1503.0	1379.8	1272.8	1162.0	1064.3
-50°	1916.6	1823.1	1721.8	1618.8	1524.2	1422.0	1327.1	1234.0	1140.7	1052.7	964.7
-52.5°	1628.4	1562.4	1488.8	1407.1	1330.9	1253.4	1172.7	1101.9	1024.7	948.7	873.2
-55°	1402.1	1349.3	1291.8	1228.9	1163.9	1105.4	1043.2	980.9	917.8	849.4	788.8
-57.5°	1211.4	1167.6	1122.6	1074.5	1023.2	974.1	923.3	868.9	817.0	762.6	707.7
-60°	1045.2	1009.7	975.3	938.0	897.7	854.5	812.8	768.9	723.2	678.3	632.3
-62.5°	894.6	874.8	843.2	810.6	779.0	747.1	709.0	670.7	633.7	596.4	557.9
-65°	747.2	727.0	704.1	684.3	660.6	632.7	601.2	573.8	546.7	517.0	484.1
-67.5°	619.3	604.2	587.0	568.7	551.1	530.7	509.8	487.2	463.9	437.5	412.4
-70°	516.4	506.9	494.7	479.2	463.2	446.0	428.3	408.5	385.4	360.3	340.4
-72.5°	432.3	426.4	417.4	403.7	388.3	372.0	354.9	335.6	313.4	288.3	269.3
-75°	357.0	353.0	346.2	333.3	319.3	304.3	288.1	268.4	245.8	220.2	201.4
-77.5°	280.8	278.9	275.1	264.6	253.9	243.2	229.6	206.8	184.0	162.1	147.9
-80°	202.0	202.0	200.0	192.2	184.0	175.5	165.1	147.5	130.4	114.6	103.4
-82.5°	127.8	125.6	122.7	118.4	114.2	109.9	104.9	93.8	83.0	72.8	64.3
-85°	57.1	55.4	53.7	53.7	53.4	52.8	51.6	46.3	41.2	36.4	32.2
-87.5°	9.7	9.9	10.1	10.6	11.0	11.4	11.7	11.3	11.0	10.5	10.1
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	12.3	13.1	13.7	14.1	14.3	14.3	14.1	13.5	12.7	11.8
85°	33.7	34.3	34.2	33.2	31.0	28.6	28.6	28.2	27.0	25.5	23.6
82.5°	66.8	68.9	70.0	69.5	65.3	60.7	55.8	50.7	45.2	39.0	35.4
80°	107.3	109.7	110.4	108.6	101.0	92.7	85.6	78.3	71.0	62.8	53.7
77.5°	151.0	152.8	153.2	150.4	140.7	130.1	118.8	107.0	96.8	86.6	75.3
75°	198.1	198.7	198.2	193.1	181.2	167.6	153.8	139.1	124.3	110.4	96.8
72.5°	259.1	250.8	244.5	236.3	223.1	207.8	190.3	170.7	151.9	134.3	117.9
70°	323.0	305.4	291.7	279.1	264.5	248.3	228.9	204.2	179.1	157.8	137.8
67.5°	389.6	367.8	345.8	322.9	304.9	286.7	267.0	237.3	207.2	180.7	157.4
65°	454.5	427.6	402.7	372.9	346.8	324.5	302.3	268.7	234.3	203.4	176.4
62.5°	519.9	483.8	452.6	420.3	388.8	361.3	336.2	297.9	260.3	225.2	194.5
60°	587.1	544.7	502.4	465.1	429.5	396.0	364.8	326.2	285.5	246.0	211.7
57.5°	656.7	605.9	557.4	510.9	469.5	430.9	392.3	352.3	309.8	267.0	227.1
55°	727.0	669.5	612.5	559.3	510.2	466.3	420.8	377.2	333.1	287.6	239.4
52.5°	802.4	735.0	670.8	608.6	552.4	500.8	451.3	401.6	355.3	307.3	252.8
50°	882.2	804.4	731.0	661.5	594.3	536.9	481.1	428.4	376.9	326.3	265.4
47.5°	966.1	878.0	794.5	714.9	641.8	571.7	512.2	454.6	398.0	345.1	276.9
45°	1058.5	953.7	859.7	772.3	687.4	611.3	542.8	480.0	420.7	358.6	287.2
42.5°	1151.4	1035.4	927.3	827.8	737.2	651.3	572.3	506.3	442.7	370.9	297.3
40°	1258.5	1118.9	995.3	887.5	786.2	689.4	606.1	531.8	463.1	383.1	307.1
37.5°	1362.9	1208.8	1069.6	944.5	834.5	732.5	638.9	555.9	479.2	396.5	315.9
35°	1485.9	1301.6	1140.3	1004.8	884.4	773.5	669.7	580.6	496.9	409.3	323.8
32.5°	1605.5	1396.2	1220.0	1066.5	931.4	812.3	702.4	605.8	514.9	421.5	330.7
30°	1736.7	1498.9	1295.0	1124.4	978.1	852.3	735.3	629.6	533.1	433.0	337.5
27.5°	1862.8	1593.7	1368.0	1185.6	1027.5	889.6	765.7	651.9	551.3	445.0	345.8
25°	1987.8	1696.0	1448.5	1243.9	1072.8	923.6	793.7	672.8	569.1	458.5	353.3
22.5°	2123.5	1795.0	1521.0	1296.4	1113.8	954.6	820.4	695.5	585.5	471.3	359.9
20°	2248.2	1884.4	1585.8	1346.5	1154.5	988.1	845.4	715.9	600.3	483.4	365.4
17.5°	2365.8	1975.2	1658.1	1400.8	1193.0	1017.6	867.4	733.8	613.3	494.5	369.9
15°	2489.3	2065.5	1723.1	1447.8	1226.3	1043.1	886.3	749.2	624.5	504.5	374.2
12.5°	2594.8	2141.9	1777.7	1487.3	1254.3	1064.4	902.1	762.1	633.8	513.0	378.0
10°	2681.7	2203.9	1821.8	1519.2	1276.9	1081.5	914.6	772.5	641.6	519.6	380.1
7.5°	2749.3	2251.3	1855.1	1543.4	1294.1	1094.8	925.0	780.5	647.6	524.2	380.6
5°	2796.6	2284.3	1879.6	1560.3	1307.3	1104.4	932.5	785.9	651.7	526.7	379.5
2.5°	2821.4	2303.0	1894.6	1569.4	1314.8	1109.6	936.6	788.5	653.8	527.1	376.9
0°	2825.3	2306.5	1898.9	1570.5	1316.7	1110.4	937.5	788.4	653.6	525.1	372.8
-2.5°	2821.4	2303.0	1894.6	1569.4	1314.8	1109.6	936.6	788.5	653.8	527.1	376.9
-5°	2796.6	2284.3	1879.6	1560.3	1307.3	1104.4	932.5	785.9	651.7	526.7	379.5
-7.5°	2749.3	2251.3	1855.1	1543.4	1294.1	1094.8	925.0	780.5	647.6	524.2	380.6
-10°	2681.7	2203.9	1821.8	1519.2	1276.9	1081.5	914.6	772.5	641.6	519.6	380.1
-12.5°	2594.8	2141.9	1777.7	1487.3	1254.3	1064.4	902.1	762.1	633.8	513.0	378.0
-15°	2489.3	2065.5	1723.1	1447.8	1226.3	1043.1	886.3	749.2	624.5	504.5	374.2
-17.5°	2365.8	1975.2	1658.1	1400.8	1193.0	1017.6	867.4	733.8	613.3	494.5	369.9
-20°	2248.2	1884.4	1585.8	1346.5	1154.5	988.1	845.4	715.9	600.3	483.4	365.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2123.5	1795.0	1521.0	1296.4	1113.8	954.6	820.4	695.5	585.5	471.3	359.9
-25°	1987.8	1696.0	1448.5	1243.9	1072.8	923.6	793.7	672.8	569.1	458.5	353.3
-27.5°	1862.8	1593.7	1368.0	1185.6	1027.5	889.6	765.7	651.9	551.3	445.0	345.8
-30°	1736.7	1498.9	1295.0	1124.4	978.1	852.3	735.3	629.6	533.1	433.0	337.5
-32.5°	1605.5	1396.2	1220.0	1066.5	931.4	812.3	702.4	605.8	514.9	421.5	330.7
-35°	1485.9	1301.6	1140.3	1004.8	884.4	773.5	669.7	580.6	496.9	409.3	323.8
-37.5°	1362.9	1208.8	1069.6	944.5	834.5	732.5	638.9	555.9	479.2	396.5	315.9
-40°	1258.5	1118.9	995.3	887.5	786.2	689.4	606.1	531.8	463.1	383.1	307.1
-42.5°	1151.4	1035.4	927.3	827.8	737.2	651.3	572.3	506.3	442.7	370.9	297.3
-45°	1058.5	953.7	859.7	772.3	687.4	611.3	542.8	480.0	420.7	358.6	287.2
-47.5°	966.1	878.0	794.5	714.9	641.8	571.7	512.2	454.6	398.0	345.1	276.9
-50°	882.2	804.4	731.0	661.5	594.3	536.9	481.1	428.4	376.9	326.3	265.4
-52.5°	802.4	735.0	670.8	608.6	552.4	500.8	451.3	401.6	355.3	307.3	252.8
-55°	727.0	669.5	612.5	559.3	510.2	466.3	420.8	377.2	333.1	287.6	239.4
-57.5°	656.7	605.9	557.4	510.9	469.5	430.9	392.3	352.3	309.8	267.0	227.1
-60°	587.1	544.7	502.4	465.1	429.5	396.0	364.8	326.2	285.5	246.0	211.7
-62.5°	519.9	483.8	452.6	420.3	388.8	361.3	336.2	297.9	260.3	225.2	194.5
-65°	454.5	427.6	402.7	372.9	346.8	324.5	302.3	268.7	234.3	203.4	176.4
-67.5°	389.6	367.8	345.8	322.9	304.9	286.7	267.0	237.3	207.2	180.7	157.4
-70°	323.0	305.4	291.7	279.1	264.5	248.3	228.9	204.2	179.1	157.8	137.8
-72.5°	259.1	250.8	244.5	236.3	223.1	207.8	190.3	170.7	151.9	134.3	117.9
-75°	198.1	198.7	198.2	193.1	181.2	167.6	153.8	139.1	124.3	110.4	96.8
-77.5°	151.0	152.8	153.2	150.4	140.7	130.1	118.8	107.0	96.8	86.6	75.3
-80°	107.3	109.7	110.4	108.6	101.0	92.7	85.6	78.3	71.0	62.8	53.7
-82.5°	66.8	68.9	70.0	69.5	65.3	60.7	55.8	50.7	45.2	39.0	35.4
-85°	33.7	34.3	34.2	33.2	31.0	28.6	28.6	28.2	27.0	25.5	23.6
-87.5°	11.3	12.3	13.1	13.7	14.1	14.3	14.3	14.1	13.5	12.7	11.8
-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: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-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°	10.7	8.3	6.2	4.3	2.6	1.1	0.0
85°	21.3	16.6	12.4	8.6	5.2	2.3	0.0
82.5°	31.8	24.8	18.5	12.8	7.8	3.4	0.0
80°	43.2	32.9	24.5	17.0	10.4	4.5	0.0
77.5°	61.7	42.8	30.5	21.2	12.9	5.6	0.0
75°	79.7	56.0	36.9	25.2	15.4	6.7	0.0
72.5°	97.1	68.8	45.8	29.2	17.9	7.8	0.0
70°	113.6	81.1	54.3	33.4	20.2	8.9	0.0
67.5°	127.9	92.8	62.4	38.6	22.6	9.9	0.0
65°	141.5	103.6	70.2	43.6	24.8	10.9	0.0
62.5°	154.4	113.5	77.5	48.3	26.9	11.9	0.0
60°	166.4	122.7	84.3	52.8	29.0	12.8	0.0
57.5°	177.3	131.3	90.7	56.9	31.5	13.7	0.0
55°	187.3	139.3	96.6	60.7	34.0	14.6	0.0
52.5°	196.5	146.5	102.0	64.2	36.3	15.4	0.0
50°	204.9	153.2	107.0	67.4	38.5	16.2	0.0
47.5°	212.6	159.2	111.4	70.3	40.7	17.0	0.0
45°	221.3	164.6	115.3	73.1	42.7	17.7	0.0
42.5°	229.1	169.2	118.6	75.7	44.6	18.3	0.0
40°	235.9	173.1	121.6	78.5	46.4	18.9	0.0
37.5°	241.7	176.3	124.3	81.3	48.0	19.5	0.0
35°	246.6	179.9	126.5	83.9	49.6	20.0	0.0
32.5°	251.0	183.4	128.2	86.3	51.0	20.5	0.0
30°	255.9	186.0	129.4	88.4	52.3	20.9	0.0
27.5°	260.0	187.9	132.1	90.3	53.4	21.3	0.0
25°	263.1	189.0	134.8	92.0	54.4	21.6	0.0
22.5°	265.3	190.5	137.1	93.4	55.3	21.9	0.0
20°	266.6	194.0	139.1	94.5	56.1	22.1	0.0
17.5°	269.6	196.8	140.8	95.4	56.7	22.3	0.0
15°	273.2	199.1	142.2	96.1	57.2	22.4	0.0
12.5°	275.8	200.7	143.2	96.5	57.5	22.5	0.0
10°	277.4	201.7	143.8	96.7	57.7	22.5	0.0
7.5°	278.0	202.1	144.1	96.7	57.7	22.5	0.0
5°	277.7	201.9	144.0	96.4	57.7	22.5	0.0
2.5°	276.5	201.2	143.6	95.9	57.4	22.4	0.0
0°	274.4	199.9	142.8	95.2	57.1	22.2	0.0
-2.5°	276.5	201.2	143.6	95.9	57.4	22.4	0.0
-5°	277.7	201.9	144.0	96.4	57.7	22.5	0.0
-7.5°	278.0	202.1	144.1	96.7	57.7	22.5	0.0
-10°	277.4	201.7	143.8	96.7	57.7	22.5	0.0
-12.5°	275.8	200.7	143.2	96.5	57.5	22.5	0.0
-15°	273.2	199.1	142.2	96.1	57.2	22.4	0.0
-17.5°	269.6	196.8	140.8	95.4	56.7	22.3	0.0
-20°	266.6	194.0	139.1	94.5	56.1	22.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627393 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	265.3	190.5	137.1	93.4	55.3	21.9	0.0
-25°	263.1	189.0	134.8	92.0	54.4	21.6	0.0
-27.5°	260.0	187.9	132.1	90.3	53.4	21.3	0.0
-30°	255.9	186.0	129.4	88.4	52.3	20.9	0.0
-32.5°	251.0	183.4	128.2	86.3	51.0	20.5	0.0
-35°	246.6	179.9	126.5	83.9	49.6	20.0	0.0
-37.5°	241.7	176.3	124.3	81.3	48.0	19.5	0.0
-40°	235.9	173.1	121.6	78.5	46.4	18.9	0.0
-42.5°	229.1	169.2	118.6	75.7	44.6	18.3	0.0
-45°	221.3	164.6	115.3	73.1	42.7	17.7	0.0
-47.5°	212.6	159.2	111.4	70.3	40.7	17.0	0.0
-50°	204.9	153.2	107.0	67.4	38.5	16.2	0.0
-52.5°	196.5	146.5	102.0	64.2	36.3	15.4	0.0
-55°	187.3	139.3	96.6	60.7	34.0	14.6	0.0
-57.5°	177.3	131.3	90.7	56.9	31.5	13.7	0.0
-60°	166.4	122.7	84.3	52.8	29.0	12.8	0.0
-62.5°	154.4	113.5	77.5	48.3	26.9	11.9	0.0
-65°	141.5	103.6	70.2	43.6	24.8	10.9	0.0
-67.5°	127.9	92.8	62.4	38.6	22.6	9.9	0.0
-70°	113.6	81.1	54.3	33.4	20.2	8.9	0.0
-72.5°	97.1	68.8	45.8	29.2	17.9	7.8	0.0
-75°	79.7	56.0	36.9	25.2	15.4	6.7	0.0
-77.5°	61.7	42.8	30.5	21.2	12.9	5.6	0.0
-80°	43.2	32.9	24.5	17.0	10.4	4.5	0.0
-82.5°	31.8	24.8	18.5	12.8	7.8	3.4	0.0
-85°	21.3	16.6	12.4	8.6	5.2	2.3	0.0
-87.5°	10.7	8.3	6.2	4.3	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)