

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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627472 (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-SA4D-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: -

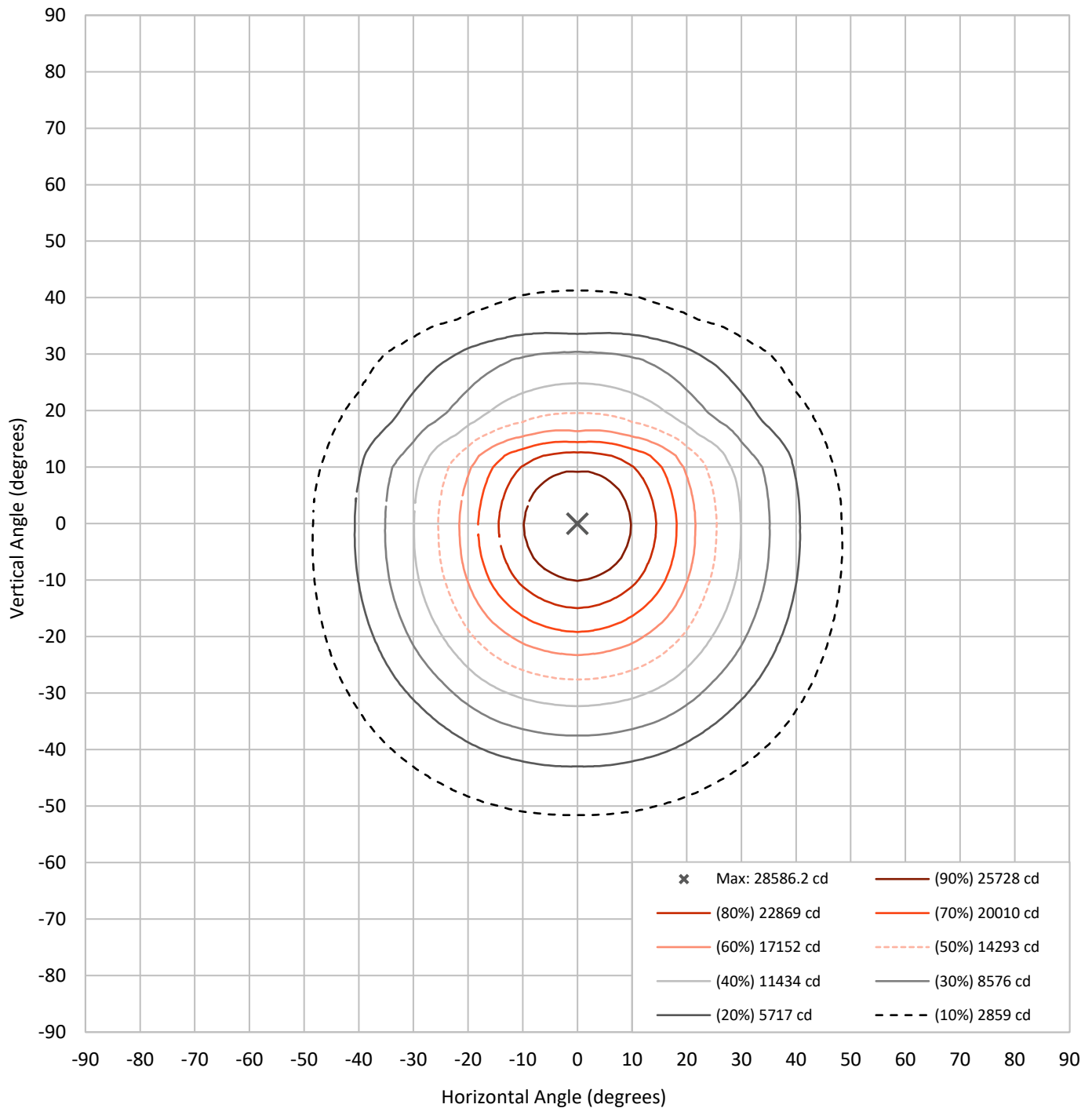
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25219.2 lumens	Max Intensity:	28586.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.9 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:	12141.9 lumens	Field Lumens:	22579.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	221.4		
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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-740-U-WR-VSR-XX

Iso-Candela Plot





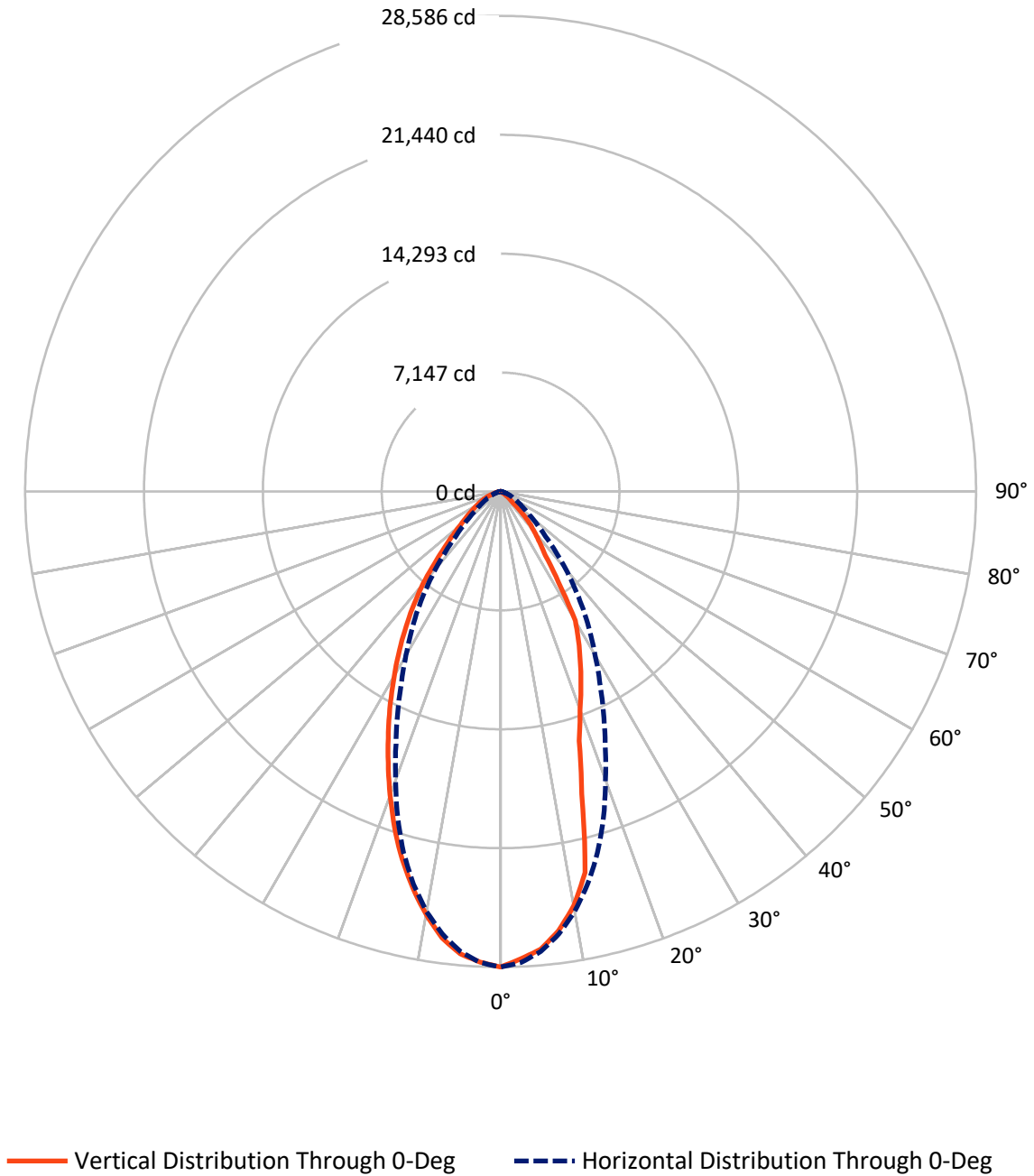
REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.5	1.3	2.4	4.0	5.8	7.9	8.9	8.9	7.9	5.8	4.0	2.4	1.3	0.5				
40	1.1	1.9	4.9	10.2	18.8	30.8	44.4	54.5	54.5	44.4	30.8	18.8	10.2	4.9	1.9	1.1			
30		3.8	9.8	22.8	47.1	86.5	132.3	159.0	159.0	132.3	86.5	47.1	22.8	9.8	3.8				
20	2.8	6.0	16.0	41.4	98.0	183.9	279.9	337.4	337.4	279.9	183.9	98.0	41.4	16.0	6.0	2.8			
10		8.2	22.8	64.9	161.1	298.0	465.7	575.7	575.7	465.7	298.0	161.1	64.9	22.8	8.2				
0	3.9	9.5	28.6	84.0	211.6	394.4	633.3	803.0	803.0	633.3	394.4	211.6	84.0	28.6	9.5	3.9			
-10		9.9	29.8	86.7	214.7	400.2	639.7	808.0	808.0	639.7	400.2	214.7	86.7	29.8	9.9				
-20	4.2	9.8	28.2	77.2	190.2	351.4	541.6	668.3	668.3	541.6	351.4	190.2	77.2	28.2	9.8	4.2			
-30		9.0	24.4	60.4	141.9	264.9	394.8	473.4	473.4	394.8	264.9	141.9	60.4	24.4	9.0				
-40	3.6	7.9	19.8	43.7	89.3	164.3	247.9	295.1	295.1	247.9	164.3	89.3	43.7	19.8	7.9	3.6			
-50		6.6	15.3	30.2	53.7	86.0	123.4	146.9	146.9	123.4	86.0	53.7	30.2	15.3	6.6				
-60	2.2	5.1	11.1	20.1	32.8	47.2	61.0	69.0	69.0	61.0	47.2	32.8	20.1	11.1	5.1	2.2			
-70		3.6	7.4	12.4	19.0	25.9	31.7	34.6	34.6	31.7	25.9	19.0	12.4	7.4	3.6				
-80	0.6	7.2		18.5		33.1		30.2		33.1		18.5		7.2		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

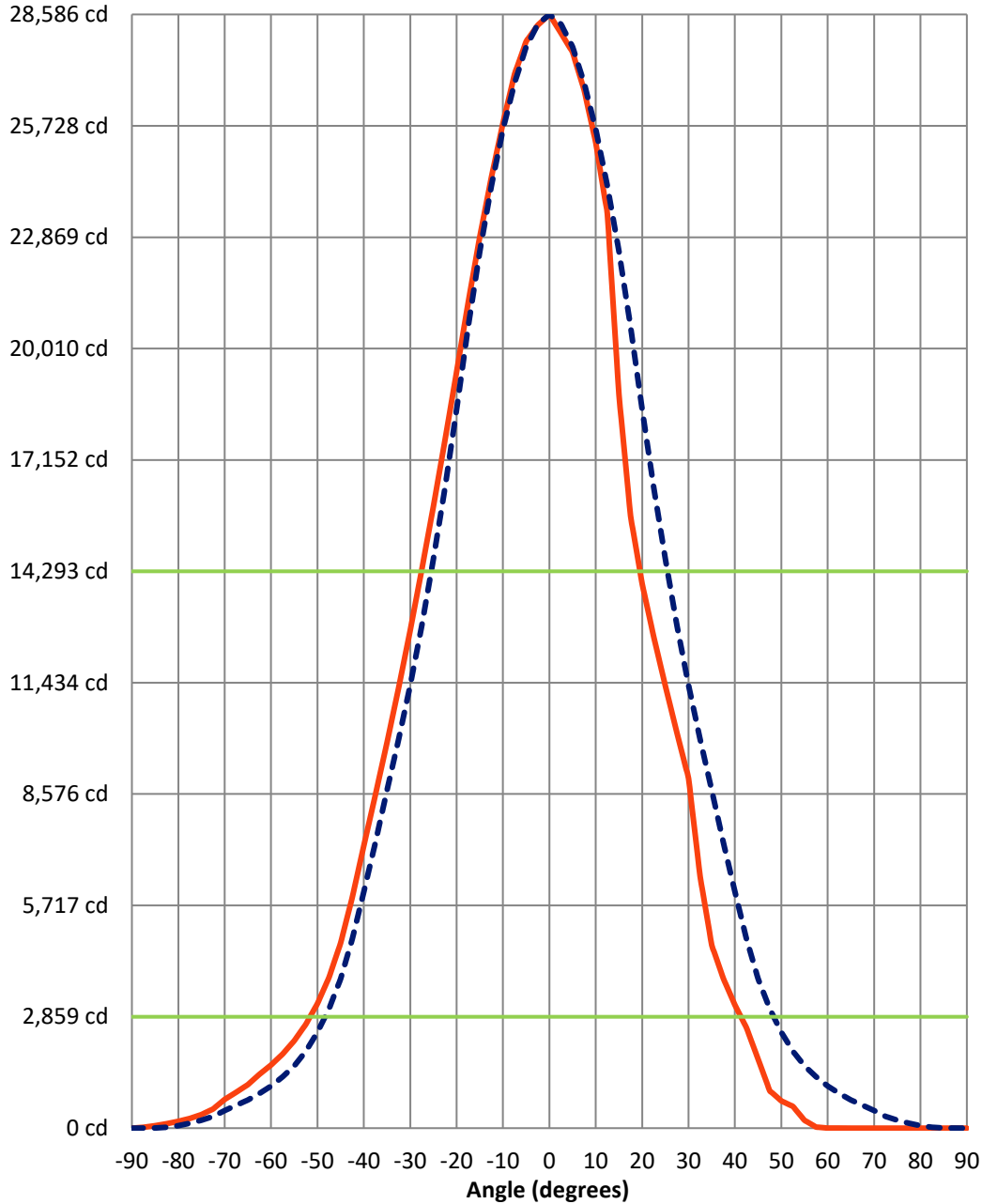
REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-740-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 12141.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 22579.8
 Efficiency: 89.5%

Spill:
 Lumens: 2639.4
 Efficiency: 10.5%

- 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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.2	2.0	2.0	2.6	2.5
65°	0.0	0.8	1.7	2.0	2.0	2.2	2.4	2.0	2.9	3.3	3.9
62.5°	0.0	0.9	1.8	2.0	2.0	2.7	2.8	2.7	3.8	5.5	8.5
60°	0.0	1.0	2.0	2.0	2.0	3.2	3.2	3.8	4.9	13.5	14.6
57.5°	0.0	1.1	2.0	2.0	2.6	3.8	5.5	5.2	13.3	22.7	25.0
55°	0.0	1.1	2.1	2.0	3.2	4.5	8.4	7.7	24.4	34.3	38.8
52.5°	0.0	1.2	2.1	2.0	3.9	5.6	11.8	19.2	36.4	51.0	55.0
50°	0.0	1.3	2.1	2.0	4.6	9.2	15.6	31.7	50.9	69.4	83.9
47.5°	0.0	1.4	2.2	2.1	5.3	13.0	20.8	44.4	69.9	89.7	113.9
45°	0.0	1.4	2.3	2.7	6.0	17.0	31.8	57.2	89.0	116.2	143.4
42.5°	0.0	1.5	2.3	3.3	6.8	21.2	42.8	72.3	108.1	142.4	176.3
40°	0.0	1.5	2.4	4.0	8.9	25.7	53.8	88.8	127.9	167.9	210.5
37.5°	0.0	1.6	2.5	4.9	12.4	30.4	64.7	105.1	149.3	194.2	245.6
35°	0.0	1.6	2.6	5.9	16.0	37.7	75.5	121.2	170.8	225.6	283.6
32.5°	0.0	1.7	2.7	6.9	19.5	46.3	86.9	137.0	192.4	257.8	326.5
30°	0.0	1.7	2.8	8.0	23.1	54.6	99.6	153.0	213.9	290.7	369.6
27.5°	0.0	1.8	2.9	9.2	27.2	62.6	112.0	170.6	237.6	324.1	412.9
25°	0.0	1.8	3.0	10.4	31.3	70.4	124.0	187.7	264.8	359.7	456.3
22.5°	0.0	1.8	3.1	11.6	35.3	78.0	135.4	204.5	291.8	395.7	500.2
20°	0.0	1.9	3.2	12.9	39.2	85.3	146.3	220.6	318.3	430.9	542.1
17.5°	0.0	1.9	3.3	14.2	42.9	92.2	156.4	236.1	344.1	465.1	581.8
15°	0.0	1.9	3.4	15.5	46.5	98.7	165.6	249.9	369.1	498.1	619.2
12.5°	0.0	2.0	3.6	16.8	49.9	104.7	174.1	261.4	389.8	529.6	654.2
10°	0.0	2.0	3.7	18.1	53.1	110.2	181.8	271.7	406.3	548.2	681.8
7.5°	0.0	2.0	3.8	19.3	56.0	115.1	188.7	280.8	420.8	562.4	696.2
5°	0.0	2.0	3.9	20.4	58.7	119.5	194.7	288.6	433.2	573.6	707.8
2.5°	0.0	2.0	4.0	21.5	61.2	123.4	199.9	295.0	443.4	582.2	716.7
0°	0.0	2.0	4.1	22.5	63.3	126.6	204.2	300.2	451.3	588.1	722.8
-2.5°	0.0	2.1	4.7	23.9	66.2	130.6	209.8	308.9	460.1	596.6	732.4
-5°	0.0	2.3	5.3	25.2	68.7	133.9	214.4	316.1	466.6	602.7	739.2
-7.5°	0.0	2.4	5.9	26.4	70.9	136.7	218.0	321.8	470.7	606.4	743.2
-10°	0.0	2.5	6.5	27.4	72.7	138.7	220.6	325.8	472.4	608.0	744.5
-12.5°	0.0	2.6	7.0	28.3	74.0	140.0	222.1	328.1	471.8	607.0	741.0
-15°	0.0	2.7	7.5	29.0	74.9	140.7	222.6	328.6	468.4	601.7	733.8
-17.5°	0.0	2.8	8.0	29.6	75.3	140.6	222.0	327.9	462.4	594.6	723.9
-20°	0.0	2.9	8.4	29.9	75.2	139.8	221.3	326.4	454.8	585.6	711.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	2.9	8.8	30.1	74.6	138.3	221.4	323.4	445.8	574.9	695.7
-25°	0.0	3.0	9.1	30.1	73.5	137.8	220.4	319.1	435.6	562.7	677.6
-27.5°	0.0	3.0	9.4	29.9	71.8	137.2	218.3	313.4	424.2	548.5	660.8
-30°	0.0	3.1	9.6	29.5	69.7	135.7	215.1	306.5	414.2	532.6	642.9
-32.5°	0.0	3.1	9.8	28.9	68.8	133.4	210.8	300.7	404.3	516.0	623.6
-35°	0.0	3.1	9.9	28.0	67.4	130.2	206.7	294.5	393.1	498.8	603.1
-37.5°	0.0	3.1	9.9	27.0	65.4	126.7	202.0	286.9	380.6	481.1	579.0
-40°	0.0	3.1	9.9	25.7	62.8	123.6	196.2	278.0	366.9	464.6	553.3
-42.5°	0.0	3.0	9.8	24.5	60.9	119.7	189.2	267.9	354.1	443.3	526.0
-45°	0.0	3.0	9.6	23.6	59.7	115.0	181.2	257.3	341.1	420.4	497.5
-47.5°	0.0	2.9	9.4	22.3	57.9	109.6	172.0	246.5	326.4	396.7	471.2
-50°	0.0	2.8	9.1	21.9	55.5	103.4	164.0	234.3	307.2	375.1	444.1
-52.5°	0.0	2.7	8.8	21.6	52.4	96.4	155.4	220.9	288.1	352.5	416.5
-55°	0.0	2.6	8.4	21.0	48.8	90.8	145.8	206.5	268.5	329.0	390.5
-57.5°	0.0	2.5	7.9	20.2	44.6	84.6	135.3	193.7	247.8	305.3	363.6
-60°	0.0	2.3	7.4	19.1	40.0	77.6	124.1	178.3	226.5	280.8	335.8
-62.5°	0.0	2.2	6.9	17.7	37.2	69.8	113.2	161.1	205.5	255.2	307.2
-65°	0.0	2.0	6.4	16.2	34.0	61.3	101.3	143.2	183.2	228.3	277.5
-67.5°	0.0	1.9	5.9	14.4	30.4	53.6	88.3	125.1	159.6	199.9	244.6
-70°	0.0	1.7	5.3	12.4	26.5	47.0	74.5	106.4	137.2	170.0	209.2
-72.5°	0.0	1.5	4.8	10.9	22.2	39.9	63.3	87.1	114.2	143.0	173.4
-75°	0.0	1.3	4.1	9.5	17.6	32.3	51.9	71.0	90.6	115.4	141.5
-77.5°	0.0	1.1	3.5	8.1	14.6	24.3	40.0	55.8	71.9	89.0	108.9
-80°	0.0	0.9	2.8	6.5	11.8	18.6	27.6	40.3	53.5	67.4	82.0
-82.5°	0.0	0.7	2.1	4.9	8.9	14.1	20.3	26.9	34.7	45.5	56.7
-85°	0.0	0.4	1.4	3.3	6.0	9.4	13.6	18.0	22.9	28.4	34.3
-87.5°	0.0	0.2	0.7	1.7	3.0	4.7	6.9	9.0	11.5	14.2	17.2
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.5	1.0
65°	2.0	2.0	2.8	3.0	2.1	2.0	2.0	2.0	2.1	1.8	1.8
62.5°	2.9	3.7	4.6	7.1	5.3	2.0	4.0	4.6	3.1	2.5	2.7
60°	8.9	6.1	15.7	21.8	14.2	7.5	9.2	18.5	15.3	4.2	10.8
57.5°	18.0	22.3	39.5	41.5	31.9	21.6	47.3	52.4	43.5	27.3	39.3
55°	37.6	52.8	66.8	66.0	66.4	83.4	98.1	96.3	84.9	117.0	147.4
52.5°	71.1	86.9	96.2	104.8	128.6	144.5	149.0	158.0	191.3	231.1	238.3
50°	104.4	120.6	132.8	163.9	188.3	200.8	212.5	242.9	293.3	320.6	325.0
47.5°	138.0	156.2	188.3	222.2	245.9	264.8	285.0	354.2	410.4	433.6	442.1
45°	173.1	204.6	244.6	279.5	306.9	332.5	398.2	492.7	532.3	568.0	658.7
42.5°	209.6	257.0	302.0	338.6	369.5	423.1	514.5	606.1	662.7	738.5	848.2
40°	256.1	309.2	361.5	398.6	437.2	518.4	631.5	728.5	788.4	890.2	1015.1
37.5°	303.3	365.4	421.9	461.1	515.2	625.1	758.0	874.1	948.4	1031.3	1232.0
35°	349.9	422.8	480.6	533.2	600.1	751.5	915.4	1044.6	1136.4	1278.3	1532.4
32.5°	399.7	481.1	540.3	611.9	721.8	891.1	1092.4	1235.9	1388.0	1592.2	1999.3
30°	452.7	535.8	603.8	689.9	837.3	1034.8	1268.4	1448.7	1655.2	1987.0	2425.7
27.5°	505.6	590.2	674.0	783.5	945.4	1158.8	1402.7	1687.0	1953.9	2324.9	2804.4
25°	556.4	645.7	742.9	875.2	1050.2	1273.6	1539.9	1867.8	2216.2	2640.5	3203.6
22.5°	604.9	702.1	815.9	958.0	1138.7	1382.7	1700.2	2085.4	2504.1	2943.5	3590.7
20°	652.4	765.0	895.6	1054.7	1220.1	1483.2	1857.0	2323.4	2848.1	3450.2	4084.3
17.5°	699.4	827.2	977.9	1154.8	1355.2	1624.4	2017.8	2573.0	3211.6	3995.2	4776.0
15°	745.4	888.1	1057.5	1253.6	1491.4	1813.2	2260.0	2870.3	3641.8	4580.2	5505.1
12.5°	790.0	947.2	1133.9	1350.2	1623.6	1991.0	2488.3	3146.7	4030.8	5151.8	6288.0
10°	832.7	1003.9	1206.5	1443.4	1750.2	2156.4	2690.1	3385.8	4324.2	5479.5	6743.1
7.5°	854.5	1042.3	1268.4	1532.0	1869.6	2308.2	2865.7	3587.8	4553.4	5743.0	7010.0
5°	870.1	1059.9	1291.7	1567.4	1935.2	2411.4	3000.0	3753.0	4722.3	5941.2	7190.8
2.5°	882.0	1072.5	1308.6	1587.4	1961.1	2445.9	3044.4	3810.6	4813.0	6044.7	7296.1
0°	890.3	1080.2	1319.1	1598.8	1974.5	2462.5	3064.9	3834.6	4851.5	6068.4	7334.4
-2.5°	899.0	1090.7	1330.1	1616.6	1993.2	2485.1	3087.4	3851.6	4880.3	6075.0	7355.1
-5°	904.0	1096.4	1334.4	1625.2	1999.3	2489.4	3085.8	3835.4	4857.4	6027.3	7310.1
-7.5°	905.4	1097.0	1332.0	1623.5	1991.6	2470.1	3053.2	3787.6	4778.2	5930.8	7199.7
-10°	903.2	1092.2	1323.2	1608.7	1969.1	2430.0	2994.8	3704.6	4648.0	5771.6	7013.2
-12.5°	896.6	1082.0	1307.5	1584.7	1933.0	2373.0	2912.7	3586.4	4467.2	5550.1	6750.3
-15°	886.0	1066.8	1284.7	1551.4	1883.2	2299.6	2807.1	3432.9	4234.5	5268.6	6422.8
-17.5°	871.4	1046.6	1254.9	1508.9	1819.6	2210.5	2679.5	3253.2	3983.5	4954.4	6058.8
-20°	852.8	1021.4	1218.1	1457.4	1746.2	2116.6	2560.9	3094.1	3748.7	4594.6	5629.4



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	830.2	991.4	1179.1	1408.1	1681.1	2019.1	2428.5	2913.7	3485.2	4178.8	5160.5
-25°	807.0	962.8	1141.2	1353.1	1606.8	1908.6	2276.9	2718.9	3236.6	3871.4	4683.0
-27.5°	784.0	929.7	1097.4	1289.7	1523.5	1794.7	2134.4	2537.4	2998.7	3538.6	4199.5
-30°	758.2	892.9	1049.1	1223.3	1443.6	1695.4	1989.0	2334.4	2744.5	3232.4	3806.9
-32.5°	730.0	853.3	1002.3	1165.9	1358.1	1587.3	1841.3	2153.6	2510.4	2912.9	3409.5
-35°	701.9	819.6	954.4	1104.0	1266.2	1480.9	1714.2	1973.4	2276.9	2633.3	3030.4
-37.5°	674.9	782.7	903.0	1042.5	1194.7	1372.9	1579.1	1813.0	2074.3	2357.8	2700.9
-40°	644.8	743.0	856.8	983.1	1117.7	1272.2	1458.1	1656.7	1881.6	2131.1	2396.0
-42.5°	612.1	706.4	810.2	919.1	1042.7	1180.7	1334.8	1516.4	1703.3	1912.3	2143.6
-45°	580.0	666.7	761.7	861.1	965.0	1086.9	1226.9	1378.0	1543.7	1714.3	1908.5
-47.5°	546.3	625.4	713.9	800.4	892.5	996.5	1115.3	1252.4	1390.6	1542.5	1693.1
-50°	512.5	586.8	661.1	741.9	824.4	910.9	1011.3	1129.6	1255.4	1381.4	1514.0
-52.5°	482.3	546.5	613.6	683.0	758.1	835.1	918.8	1016.3	1126.3	1237.3	1351.6
-55°	451.4	510.6	566.0	628.1	693.1	762.4	837.1	919.1	1002.1	1103.2	1201.6
-57.5°	421.1	473.7	521.9	574.8	632.6	691.5	758.8	828.5	903.9	980.3	1060.7
-60°	390.8	435.5	479.3	525.0	573.5	625.9	680.0	741.3	805.9	872.3	942.0
-62.5°	359.5	395.7	434.3	476.2	518.9	559.2	604.6	654.6	707.9	764.9	824.0
-65°	324.5	354.4	386.7	423.2	463.3	495.8	530.5	568.1	612.2	659.2	705.5
-67.5°	287.1	313.6	339.9	367.0	399.5	428.6	457.2	487.1	520.0	558.4	595.6
-70°	245.4	271.9	295.0	317.5	338.1	358.9	383.2	406.8	433.3	467.8	501.6
-72.5°	203.0	227.9	249.8	268.8	283.4	295.8	310.7	327.9	353.3	385.3	415.1
-75°	164.2	184.3	204.8	223.1	232.4	236.2	239.3	248.3	274.1	306.9	335.9
-77.5°	127.9	145.4	162.1	178.0	184.6	187.2	188.5	188.5	207.4	235.3	264.7
-80°	94.2	106.3	120.5	134.2	138.2	139.4	139.6	138.8	154.3	174.4	195.9
-82.5°	65.4	74.2	83.2	92.5	93.7	93.1	91.8	90.5	103.0	117.5	132.4
-85°	38.1	41.8	47.3	53.0	53.7	53.4	52.4	50.8	57.8	65.6	74.0
-87.5°	19.1	20.9	22.8	24.6	24.0	23.0	21.8	20.2	22.2	24.2	26.3
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	1.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.0	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.9	1.0	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.1	2.0	1.5	1.0	0.5	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.6	2.5	1.8	1.7	1.8	2.0	1.6	1.4	1.3	1.4	1.6
60°	11.5	6.6	6.7	8.5	7.3	3.3	6.6	8.4	7.9	6.0	5.2
57.5°	58.6	49.1	34.3	57.5	59.2	41.3	44.8	58.4	56.6	43.8	43.6
55°	147.7	149.8	160.8	175.4	186.1	191.1	195.5	217.5	240.9	263.9	275.4
52.5°	243.9	272.4	307.9	331.4	347.8	381.4	428.5	450.1	471.1	495.0	512.3
50°	359.2	408.8	444.4	449.6	505.6	541.9	550.4	591.0	635.2	662.7	682.4
47.5°	534.4	597.2	628.2	648.0	716.1	790.8	790.9	814.2	924.8	982.6	1010.5
45°	769.8	822.1	877.0	1019.6	1150.8	1192.4	1281.5	1402.1	1480.5	1588.4	1707.1
42.5°	970.2	1068.4	1205.9	1363.0	1494.4	1603.9	1736.2	1881.3	2055.5	2219.3	2360.7
40°	1168.5	1290.0	1460.4	1631.2	1796.8	1948.5	2161.8	2348.2	2553.8	2779.2	2967.0
37.5°	1427.3	1582.9	1758.9	1974.3	2232.1	2400.4	2693.8	2961.8	3193.3	3465.5	3633.1
35°	1824.7	2027.5	2183.3	2618.9	2932.4	3129.3	3476.6	3917.1	4086.2	4428.9	4591.6
32.5°	2324.5	2593.9	3004.2	3580.9	3999.5	4362.0	4881.2	5328.1	5709.0	6053.3	6411.3
30°	2885.9	3301.8	3906.4	4672.8	5098.0	5605.7	6307.8	6837.7	7435.2	8090.9	8320.7
27.5°	3395.5	4018.4	4720.4	5341.1	5951.8	6584.1	7274.0	7954.8	8601.5	9147.1	9513.3
25°	3867.8	4622.1	5304.4	5967.7	6629.4	7341.5	8121.8	8894.0	9605.5	10167.0	10594.0
22.5°	4354.9	5151.8	5881.7	6554.8	7324.4	8131.5	8961.3	9846.9	10656.7	11239.2	11704.3
20°	4812.8	5699.2	6531.7	7298.1	8025.7	8957.3	9912.9	10852.3	11734.1	12428.0	12964.2
17.5°	5539.8	6309.2	7326.7	8322.3	9141.9	9997.8	11274.6	12244.2	13222.8	14053.8	14622.3
15°	6432.6	7278.7	8329.3	9696.6	10819.7	11800.2	13119.3	14696.6	15850.8	16911.7	17639.5
12.5°	7326.0	8283.1	9419.5	10958.2	12557.2	13712.2	15312.4	17311.1	18655.5	20298.0	21107.7
10°	8010.9	9212.6	10383.0	11787.1	13322.8	14967.5	16692.6	18562.4	20358.8	21769.2	23029.9
7.5°	8286.6	9566.7	10921.5	12354.2	13889.7	15587.1	17425.7	19371.4	21220.2	22795.5	24181.0
5°	8492.7	9804.3	11168.0	12632.9	14274.4	16047.0	17913.0	19955.8	21843.8	23532.2	24949.7
2.5°	8623.6	9947.6	11305.4	12794.7	14521.2	16346.4	18272.4	20369.3	22285.7	24023.8	25436.8
0°	8673.9	9978.6	11369.2	12902.6	14611.6	16441.2	18450.4	20571.9	22503.5	24184.0	25637.8
-2.5°	8680.7	9949.7	11373.3	12899.3	14534.5	16381.2	18414.6	20518.5	22410.8	24084.5	25551.3
-5°	8612.6	9881.1	11305.9	12808.8	14446.3	16279.0	18225.2	20258.2	22063.0	23691.9	25104.2
-7.5°	8474.5	9739.4	11132.8	12601.2	14194.6	15972.3	17841.5	19731.7	21502.2	23064.4	24412.2
-10°	8269.5	9507.9	10853.0	12283.7	13791.4	15482.4	17264.7	19070.6	20730.9	22175.6	23421.9
-12.5°	7991.9	9201.7	10486.3	11852.1	13255.5	14867.7	16550.6	18246.4	19759.8	21078.8	22196.9
-15°	7631.5	8813.0	10056.8	11348.5	12709.5	14167.4	15677.8	17233.2	18629.0	19798.7	20820.2
-17.5°	7206.8	8352.8	9534.0	10731.5	12022.8	13390.6	14792.6	16188.9	17379.4	18418.5	19352.6
-20°	6733.4	7837.6	8959.6	10075.9	11247.4	12512.5	13807.4	15033.9	16074.1	17018.3	17873.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	6202.7	7259.5	8335.0	9379.7	10436.1	11581.5	12737.9	13847.1	14820.2	15627.8	16370.6
-25°	5634.5	6611.0	7626.5	8606.0	9578.4	10604.9	11655.3	12675.8	13532.2	14233.4	14847.2
-27.5°	5062.0	5954.3	6849.0	7771.2	8670.0	9617.2	10568.1	11449.6	12218.4	12864.1	13379.8
-30°	4460.2	5257.9	6075.0	6909.3	7767.6	8634.4	9493.6	10265.4	10936.5	11504.4	11950.2
-32.5°	3960.0	4566.1	5287.4	6044.8	6849.3	7639.1	8386.6	9090.0	9722.5	10218.3	10596.3
-35°	3480.7	3993.9	4534.1	5204.5	5895.7	6622.5	7310.0	7937.9	8501.7	8934.9	9290.5
-37.5°	3068.6	3474.5	3931.3	4410.0	4989.5	5590.2	6210.8	6801.3	7304.0	7682.0	7999.6
-40°	2711.9	3032.3	3397.4	3776.9	4203.2	4634.8	5175.1	5673.5	6083.8	6437.1	6724.9
-42.5°	2389.4	2659.9	2929.4	3240.7	3562.4	3909.3	4288.5	4657.1	4972.0	5267.7	5512.1
-45°	2111.1	2327.1	2542.0	2782.3	3018.5	3300.7	3571.6	3813.3	4068.4	4289.8	4464.0
-47.5°	1867.7	2036.1	2220.4	2400.3	2589.9	2802.4	3003.9	3187.9	3374.8	3536.7	3666.6
-50°	1651.4	1791.0	1941.4	2082.8	2236.1	2391.6	2540.6	2686.9	2828.9	2952.1	3047.9
-52.5°	1462.0	1584.0	1701.1	1813.7	1935.7	2050.8	2158.7	2279.4	2390.5	2487.6	2553.2
-55°	1300.8	1400.4	1496.4	1590.4	1682.6	1769.9	1855.9	1949.6	2035.3	2112.5	2161.3
-57.5°	1149.4	1234.2	1315.5	1392.2	1465.4	1534.8	1607.2	1679.3	1745.3	1803.5	1841.3
-60°	1011.6	1080.9	1151.2	1213.9	1273.0	1328.4	1389.4	1447.0	1500.3	1545.1	1571.2
-62.5°	885.5	947.6	999.5	1049.1	1099.3	1149.3	1192.6	1235.1	1276.3	1310.9	1333.7
-65°	753.5	806.2	850.4	890.2	926.2	964.9	1001.8	1035.2	1064.9	1087.4	1101.9
-67.5°	635.5	674.3	709.7	741.3	773.4	804.4	832.8	858.2	880.5	896.2	906.6
-70°	533.0	562.6	591.6	620.3	648.9	673.1	693.7	712.6	729.8	737.0	740.1
-72.5°	442.9	469.2	494.6	520.0	543.8	562.6	577.8	591.7	604.2	593.5	574.6
-75°	361.2	384.4	408.1	430.5	451.5	465.9	477.1	487.5	496.9	473.6	441.5
-77.5°	294.4	314.7	332.3	349.8	367.0	376.2	383.4	390.4	397.1	371.0	338.1
-80°	218.4	234.8	249.7	264.4	278.9	284.3	287.5	289.6	290.8	268.5	242.7
-82.5°	147.6	156.0	164.3	172.8	181.6	186.2	189.6	192.3	194.2	178.4	160.5
-85°	82.7	85.2	87.2	88.9	90.3	93.2	96.0	98.6	100.9	93.4	85.1
-87.5°	28.4	28.4	28.3	28.1	27.7	27.8	27.8	27.8	27.6	26.4	25.2
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	0.2	0.4
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.3	1.4
60°	4.0	2.5	2.0	2.0	2.0	2.5	4.0	5.2	6.0	7.9	8.4
57.5°	40.6	35.4	31.8	28.6	31.8	35.4	40.6	43.6	43.8	56.6	58.4
55°	270.5	251.8	229.0	202.1	229.0	251.8	270.5	275.4	263.9	240.9	217.5
52.5°	530.5	548.1	558.3	557.4	558.3	548.1	530.5	512.3	495.0	471.1	450.1
50°	698.2	707.9	708.3	700.4	708.3	707.9	698.2	682.4	662.7	635.2	591.0
47.5°	1023.0	1009.6	986.5	961.7	986.5	1009.6	1023.0	1010.5	982.6	924.8	814.2
45°	1785.1	1828.1	1825.3	1770.3	1825.3	1828.1	1785.1	1707.1	1588.4	1480.5	1402.1
42.5°	2439.6	2504.0	2549.6	2572.8	2549.6	2504.0	2439.6	2360.7	2219.3	2055.5	1881.3
40°	3072.8	3135.0	3162.4	3160.8	3162.4	3135.0	3072.8	2967.0	2779.2	2553.8	2348.2
37.5°	3741.9	3822.4	3861.4	3842.8	3861.4	3822.4	3741.9	3633.1	3465.5	3193.3	2961.8
35°	4662.0	4737.3	4738.7	4700.4	4738.7	4737.3	4662.0	4591.6	4428.9	4086.2	3917.1
32.5°	6695.6	6720.8	6527.1	6458.4	6527.1	6720.8	6695.6	6411.3	6053.3	5709.0	5328.1
30°	8549.3	8728.0	8894.2	8978.1	8894.2	8728.0	8549.3	8320.7	8090.9	7435.2	6837.7
27.5°	9789.4	10004.4	10137.6	10146.1	10137.6	10004.4	9789.4	9513.3	9147.1	8601.5	7954.8
25°	10917.4	11157.8	11303.1	11352.8	11303.1	11157.8	10917.4	10594.0	10167.0	9605.5	8894.0
22.5°	12099.0	12382.4	12570.2	12608.6	12570.2	12382.4	12099.0	11704.3	11239.2	10656.7	9846.9
20°	13470.1	13799.9	13979.9	13972.5	13979.9	13799.9	13470.1	12964.2	12428.0	11734.1	10852.3
17.5°	15275.1	15628.8	15784.2	15716.3	15784.2	15628.8	15275.1	14622.3	14053.8	13222.8	12244.2
15°	18386.5	19126.4	19123.5	18828.1	19123.5	19126.4	18386.5	17639.5	16911.7	15850.8	14696.6
12.5°	22224.4	22775.8	23341.5	23463.2	23341.5	22775.8	22224.4	21107.7	20298.0	18655.5	17311.1
10°	24091.8	24824.2	25307.5	25294.7	25307.5	24824.2	24091.8	23029.9	21769.2	20358.8	18562.4
7.5°	25260.2	26069.2	26654.9	26642.4	26654.9	26069.2	25260.2	24181.0	22795.5	21220.2	19371.4
5°	26161.8	27059.2	27577.9	27616.3	27577.9	27059.2	26161.8	24949.7	23532.2	21843.8	19955.8
2.5°	26630.2	27566.8	28190.6	28108.4	28190.6	27566.8	26630.2	25436.8	24023.8	22285.7	20369.3
0°	26826.1	27753.1	28335.1	28586.2	28335.1	27753.1	26826.1	25637.8	24184.0	22503.5	20571.9
-2.5°	26740.6	27642.6	28285.7	28310.6	28285.7	27642.6	26740.6	25551.3	24084.5	22410.8	20518.5
-5°	26282.4	27234.3	27665.2	27894.0	27665.2	27234.3	26282.4	25104.2	23691.9	22063.0	20258.2
-7.5°	25543.5	26256.8	26804.2	27056.9	26804.2	26256.8	25543.5	24412.2	23064.4	21502.2	19731.7
-10°	24393.6	25132.0	25594.6	25803.2	25594.6	25132.0	24393.6	23421.9	22175.6	20730.9	19070.6
-12.5°	23119.6	23790.8	24230.5	24406.5	24230.5	23790.8	23119.6	22196.9	21078.8	19759.8	18246.4
-15°	21698.4	22307.7	22712.4	22881.2	22712.4	22307.7	21698.4	20820.2	19798.7	18629.0	17233.2
-17.5°	20133.7	20667.7	21071.0	21192.6	21071.0	20667.7	20133.7	19352.6	18418.5	17379.4	16188.9
-20°	18524.9	19007.6	19339.7	19412.1	19339.7	19007.6	18524.9	17873.1	17018.3	16074.1	15033.9



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	16903.8	17301.5	17571.3	17662.2	17571.3	17301.5	16903.8	16370.6	15627.8	14820.2	13847.1
-25°	15319.6	15662.9	15880.1	15961.3	15880.1	15662.9	15319.6	14847.2	14233.4	13532.2	12675.8
-27.5°	13796.0	14116.0	14315.5	14342.1	14315.5	14116.0	13796.0	13379.8	12864.1	12218.4	11449.6
-30°	12296.9	12561.2	12714.9	12780.1	12714.9	12561.2	12296.9	11950.2	11504.4	10936.5	10265.4
-32.5°	10895.8	11126.7	11264.9	11301.8	11264.9	11126.7	10895.8	10596.3	10218.3	9722.5	9090.0
-35°	9573.2	9786.4	9908.9	9899.0	9908.9	9786.4	9573.2	9290.5	8934.9	8501.7	7937.9
-37.5°	8262.1	8458.8	8569.9	8559.5	8569.9	8458.8	8262.1	7999.6	7682.0	7304.0	6801.3
-40°	6961.5	7131.2	7229.0	7252.7	7229.0	7131.2	6961.5	6724.9	6437.1	6083.8	5673.5
-42.5°	5715.3	5872.0	5950.3	5919.4	5950.3	5872.0	5715.3	5512.1	5267.7	4972.0	4657.1
-45°	4586.0	4667.0	4720.3	4753.5	4720.3	4667.0	4586.0	4464.0	4289.8	4068.4	3813.3
-47.5°	3761.6	3828.8	3865.1	3871.4	3865.1	3828.8	3761.6	3666.6	3536.7	3374.8	3187.9
-50°	3122.4	3179.5	3204.8	3197.6	3204.8	3179.5	3122.4	3047.9	2952.1	2828.9	2686.9
-52.5°	2600.4	2633.5	2655.8	2666.7	2655.8	2633.5	2600.4	2553.2	2487.6	2390.5	2279.4
-55°	2198.0	2223.8	2238.9	2244.0	2238.9	2223.8	2198.0	2161.3	2112.5	2035.3	1949.6
-57.5°	1872.8	1897.3	1906.2	1903.0	1906.2	1897.3	1872.8	1841.3	1803.5	1745.3	1679.3
-60°	1591.3	1605.4	1615.9	1621.2	1615.9	1605.4	1591.3	1571.2	1545.1	1500.3	1447.0
-62.5°	1351.8	1365.0	1375.9	1382.3	1375.9	1365.0	1351.8	1333.7	1310.9	1276.3	1235.1
-65°	1112.0	1117.8	1119.4	1116.9	1119.4	1117.8	1112.0	1101.9	1087.4	1064.9	1035.2
-67.5°	914.3	919.2	922.4	922.9	922.4	919.2	914.3	906.6	896.2	880.5	858.2
-70°	743.2	745.3	742.9	737.1	742.9	745.3	743.2	740.1	737.0	729.8	712.6
-72.5°	555.2	534.9	514.6	492.1	514.6	534.9	555.2	574.6	593.5	604.2	591.7
-75°	408.2	373.8	361.3	349.2	361.3	373.8	408.2	441.5	473.6	496.9	487.5
-77.5°	303.6	267.8	258.2	249.1	258.2	267.8	303.6	338.1	371.0	397.1	390.4
-80°	215.7	187.8	181.6	175.6	181.6	187.8	215.7	242.7	268.5	290.8	289.6
-82.5°	141.7	122.2	118.3	114.3	118.3	122.2	141.7	160.5	178.4	194.2	192.3
-85°	76.3	67.1	65.3	63.3	65.3	67.1	76.3	85.1	93.4	100.9	98.6
-87.5°	23.8	22.4	22.5	22.5	22.5	22.4	23.8	25.2	26.4	27.6	27.8
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	0.9	1.3	1.6	1.6	1.5	1.5	1.4
85°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
82.5°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
80°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.0	0.2	0.7	1.2	1.7	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.0	0.1	0.6	1.2	1.7	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.0	0.1	0.1	0.1	0.5	1.2	1.7	2.0	2.0	2.0
67.5°	0.0	0.0	0.4	0.8	1.0	1.0	0.9	1.0	1.5	2.0	2.0
65°	0.5	0.4	0.5	1.0	1.5	2.0	2.1	1.8	1.8	2.1	2.0
62.5°	1.6	2.0	1.8	1.7	1.8	2.5	2.6	2.7	2.5	3.1	4.6
60°	6.6	3.3	7.3	8.5	6.7	6.6	11.5	10.8	4.2	15.3	18.5
57.5°	44.8	41.3	59.2	57.5	34.3	49.1	58.6	39.3	27.3	43.5	52.4
55°	195.5	191.1	186.1	175.4	160.8	149.8	147.7	147.4	117.0	84.9	96.3
52.5°	428.5	381.4	347.8	331.4	307.9	272.4	243.9	238.3	231.1	191.3	158.0
50°	550.4	541.9	505.6	449.6	444.4	408.8	359.2	325.0	320.6	293.3	242.9
47.5°	790.9	790.8	716.1	648.0	628.2	597.2	534.4	442.1	433.6	410.4	354.2
45°	1281.5	1192.4	1150.8	1019.6	877.0	822.1	769.8	658.7	568.0	532.3	492.7
42.5°	1736.2	1603.9	1494.4	1363.0	1205.9	1068.4	970.2	848.2	738.5	662.7	606.1
40°	2161.8	1948.5	1796.8	1631.2	1460.4	1290.0	1168.5	1015.1	890.2	788.4	728.5
37.5°	2693.8	2400.4	2232.1	1974.3	1758.9	1582.9	1427.3	1232.0	1031.3	948.4	874.1
35°	3476.6	3129.3	2932.4	2618.9	2183.3	2027.5	1824.7	1532.4	1278.3	1136.4	1044.6
32.5°	4881.2	4362.0	3999.5	3580.9	3004.2	2593.9	2324.5	1999.3	1592.2	1388.0	1235.9
30°	6307.8	5605.7	5098.0	4672.8	3906.4	3301.8	2885.9	2425.7	1987.0	1655.2	1448.7
27.5°	7274.0	6584.1	5951.8	5341.1	4720.4	4018.4	3395.5	2804.4	2324.9	1953.9	1687.0
25°	8121.8	7341.5	6629.4	5967.7	5304.4	4622.1	3867.8	3203.6	2640.5	2216.2	1867.8
22.5°	8961.3	8131.5	7324.4	6554.8	5881.7	5151.8	4354.9	3590.7	2943.5	2504.1	2085.4
20°	9912.9	8957.3	8025.7	7298.1	6531.7	5699.2	4812.8	4084.3	3450.2	2848.1	2323.4
17.5°	11274.6	9997.8	9141.9	8322.3	7326.7	6309.2	5539.8	4776.0	3995.2	3211.6	2573.0
15°	13119.3	11800.2	10819.7	9696.6	8329.3	7278.7	6432.6	5505.1	4580.2	3641.8	2870.3
12.5°	15312.4	13712.2	12557.2	10958.2	9419.5	8283.1	7326.0	6288.0	5151.8	4030.8	3146.7
10°	16692.6	14967.5	13322.8	11787.1	10383.0	9212.6	8010.9	6743.1	5479.5	4324.2	3385.8
7.5°	17425.7	15587.1	13889.7	12354.2	10921.5	9566.7	8286.6	7010.0	5743.0	4553.4	3587.8
5°	17913.0	16047.0	14274.4	12632.9	11168.0	9804.3	8492.7	7190.8	5941.2	4722.3	3753.0
2.5°	18272.4	16346.4	14521.2	12794.7	11305.4	9947.6	8623.6	7296.1	6044.7	4813.0	3810.6
0°	18450.4	16441.2	14611.6	12902.6	11369.2	9978.6	8673.9	7334.4	6068.4	4851.5	3834.6
-2.5°	18414.6	16381.2	14534.5	12899.3	11373.3	9949.7	8680.7	7355.1	6075.0	4880.3	3851.6
-5°	18225.2	16279.0	14446.3	12808.8	11305.9	9881.1	8612.6	7310.1	6027.3	4857.4	3835.4
-7.5°	17841.5	15972.3	14194.6	12601.2	11132.8	9739.4	8474.5	7199.7	5930.8	4778.2	3787.6
-10°	17264.7	15482.4	13791.4	12283.7	10853.0	9507.9	8269.5	7013.2	5771.6	4648.0	3704.6
-12.5°	16550.6	14867.7	13255.5	11852.1	10486.3	9201.7	7991.9	6750.3	5550.1	4467.2	3586.4
-15°	15677.8	14167.4	12709.5	11348.5	10056.8	8813.0	7631.5	6422.8	5268.6	4234.5	3432.9
-17.5°	14792.6	13390.6	12022.8	10731.5	9534.0	8352.8	7206.8	6058.8	4954.4	3983.5	3253.2
-20°	13807.4	12512.5	11247.4	10075.9	8959.6	7837.6	6733.4	5629.4	4594.6	3748.7	3094.1



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	12737.9	11581.5	10436.1	9379.7	8335.0	7259.5	6202.7	5160.5	4178.8	3485.2	2913.7
-25°	11655.3	10604.9	9578.4	8606.0	7626.5	6611.0	5634.5	4683.0	3871.4	3236.6	2718.9
-27.5°	10568.1	9617.2	8670.0	7771.2	6849.0	5954.3	5062.0	4199.5	3538.6	2998.7	2537.4
-30°	9493.6	8634.4	7767.6	6909.3	6075.0	5257.9	4460.2	3806.9	3232.4	2744.5	2334.4
-32.5°	8386.6	7639.1	6849.3	6044.8	5287.4	4566.1	3960.0	3409.5	2912.9	2510.4	2153.6
-35°	7310.0	6622.5	5895.7	5204.5	4534.1	3993.9	3480.7	3030.4	2633.3	2276.9	1973.4
-37.5°	6210.8	5590.2	4989.5	4410.0	3931.3	3474.5	3068.6	2700.9	2357.8	2074.3	1813.0
-40°	5175.1	4634.8	4203.2	3776.9	3397.4	3032.3	2711.9	2396.0	2131.1	1881.6	1656.7
-42.5°	4288.5	3909.3	3562.4	3240.7	2929.4	2659.9	2389.4	2143.6	1912.3	1703.3	1516.4
-45°	3571.6	3300.7	3018.5	2782.3	2542.0	2327.1	2111.1	1908.5	1714.3	1543.7	1378.0
-47.5°	3003.9	2802.4	2589.9	2400.3	2220.4	2036.1	1867.7	1693.1	1542.5	1390.6	1252.4
-50°	2540.6	2391.6	2236.1	2082.8	1941.4	1791.0	1651.4	1514.0	1381.4	1255.4	1129.6
-52.5°	2158.7	2050.8	1935.7	1813.7	1701.1	1584.0	1462.0	1351.6	1237.3	1126.3	1016.3
-55°	1855.9	1769.9	1682.6	1590.4	1496.4	1400.4	1300.8	1201.6	1103.2	1002.1	919.1
-57.5°	1607.2	1534.8	1465.4	1392.2	1315.5	1234.2	1149.4	1060.7	980.3	903.9	828.5
-60°	1389.4	1328.4	1273.0	1213.9	1151.2	1080.9	1011.6	942.0	872.3	805.9	741.3
-62.5°	1192.6	1149.3	1099.3	1049.1	999.5	947.6	885.5	824.0	764.9	707.9	654.6
-65°	1001.8	964.9	926.2	890.2	850.4	806.2	753.5	705.5	659.2	612.2	568.1
-67.5°	832.8	804.4	773.4	741.3	709.7	674.3	635.5	595.6	558.4	520.0	487.1
-70°	693.7	673.1	648.9	620.3	591.6	562.6	533.0	501.6	467.8	433.3	406.8
-72.5°	577.8	562.6	543.8	520.0	494.6	469.2	442.9	415.1	385.3	353.3	327.9
-75°	477.1	465.9	451.5	430.5	408.1	384.4	361.2	335.9	306.9	274.1	248.3
-77.5°	383.4	376.2	367.0	349.8	332.3	314.7	294.4	264.7	235.3	207.4	188.5
-80°	287.5	284.3	278.9	264.4	249.7	234.8	218.4	195.9	174.4	154.3	138.8
-82.5°	189.6	186.2	181.6	172.8	164.3	156.0	147.6	132.4	117.5	103.0	90.5
-85°	96.0	93.2	90.3	88.9	87.2	85.2	82.7	74.0	65.6	57.8	50.8
-87.5°	27.8	27.8	27.7	28.1	28.3	28.4	28.4	26.3	24.2	22.2	20.2
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.5	2.6	2.0	2.0
65°	2.0	2.0	2.1	3.0	2.8	2.0	2.0	3.9	3.3	2.9	2.0
62.5°	4.0	2.0	5.3	7.1	4.6	3.7	2.9	8.5	5.5	3.8	2.7
60°	9.2	7.5	14.2	21.8	15.7	6.1	8.9	14.6	13.5	4.9	3.8
57.5°	47.3	21.6	31.9	41.5	39.5	22.3	18.0	25.0	22.7	13.3	5.2
55°	98.1	83.4	66.4	66.0	66.8	52.8	37.6	38.8	34.3	24.4	7.7
52.5°	149.0	144.5	128.6	104.8	96.2	86.9	71.1	55.0	51.0	36.4	19.2
50°	212.5	200.8	188.3	163.9	132.8	120.6	104.4	83.9	69.4	50.9	31.7
47.5°	285.0	264.8	245.9	222.2	188.3	156.2	138.0	113.9	89.7	69.9	44.4
45°	398.2	332.5	306.9	279.5	244.6	204.6	173.1	143.4	116.2	89.0	57.2
42.5°	514.5	423.1	369.5	338.6	302.0	257.0	209.6	176.3	142.4	108.1	72.3
40°	631.5	518.4	437.2	398.6	361.5	309.2	256.1	210.5	167.9	127.9	88.8
37.5°	758.0	625.1	515.2	461.1	421.9	365.4	303.3	245.6	194.2	149.3	105.1
35°	915.4	751.5	600.1	533.2	480.6	422.8	349.9	283.6	225.6	170.8	121.2
32.5°	1092.4	891.1	721.8	611.9	540.3	481.1	399.7	326.5	257.8	192.4	137.0
30°	1268.4	1034.8	837.3	689.9	603.8	535.8	452.7	369.6	290.7	213.9	153.0
27.5°	1402.7	1158.8	945.4	783.5	674.0	590.2	505.6	412.9	324.1	237.6	170.6
25°	1539.9	1273.6	1050.2	875.2	742.9	645.7	556.4	456.3	359.7	264.8	187.7
22.5°	1700.2	1382.7	1138.7	958.0	815.9	702.1	604.9	500.2	395.7	291.8	204.5
20°	1857.0	1483.2	1220.1	1054.7	895.6	765.0	652.4	542.1	430.9	318.3	220.6
17.5°	2017.8	1624.4	1355.2	1154.8	977.9	827.2	699.4	581.8	465.1	344.1	236.1
15°	2260.0	1813.2	1491.4	1253.6	1057.5	888.1	745.4	619.2	498.1	369.1	249.9
12.5°	2488.3	1991.0	1623.6	1350.2	1133.9	947.2	790.0	654.2	529.6	389.8	261.4
10°	2690.1	2156.4	1750.2	1443.4	1206.5	1003.9	832.7	681.8	548.2	406.3	271.7
7.5°	2865.7	2308.2	1869.6	1532.0	1268.4	1042.3	854.5	696.2	562.4	420.8	280.8
5°	3000.0	2411.4	1935.2	1567.4	1291.7	1059.9	870.1	707.8	573.6	433.2	288.6
2.5°	3044.4	2445.9	1961.1	1587.4	1308.6	1072.5	882.0	716.7	582.2	443.4	295.0
0°	3064.9	2462.5	1974.5	1598.8	1319.1	1080.2	890.3	722.8	588.1	451.3	300.2
-2.5°	3087.4	2485.1	1993.2	1616.6	1330.1	1090.7	899.0	732.4	596.6	460.1	308.9
-5°	3085.8	2489.4	1999.3	1625.2	1334.4	1096.4	904.0	739.2	602.7	466.6	316.1
-7.5°	3053.2	2470.1	1991.6	1623.5	1332.0	1097.0	905.4	743.2	606.4	470.7	321.8
-10°	2994.8	2430.0	1969.1	1608.7	1323.2	1092.2	903.2	744.5	608.0	472.4	325.8
-12.5°	2912.7	2373.0	1933.0	1584.7	1307.5	1082.0	896.6	741.0	607.0	471.8	328.1
-15°	2807.1	2299.6	1883.2	1551.4	1284.7	1066.8	886.0	733.8	601.7	468.4	328.6
-17.5°	2679.5	2210.5	1819.6	1508.9	1254.9	1046.6	871.4	723.9	594.6	462.4	327.9
-20°	2560.9	2116.6	1746.2	1457.4	1218.1	1021.4	852.8	711.1	585.6	454.8	326.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	2428.5	2019.1	1681.1	1408.1	1179.1	991.4	830.2	695.7	574.9	445.8	323.4
-25°	2276.9	1908.6	1606.8	1353.1	1141.2	962.8	807.0	677.6	562.7	435.6	319.1
-27.5°	2134.4	1794.7	1523.5	1289.7	1097.4	929.7	784.0	660.8	548.5	424.2	313.4
-30°	1989.0	1695.4	1443.6	1223.3	1049.1	892.9	758.2	642.9	532.6	414.2	306.5
-32.5°	1841.3	1587.3	1358.1	1165.9	1002.3	853.3	730.0	623.6	516.0	404.3	300.7
-35°	1714.2	1480.9	1266.2	1104.0	954.4	819.6	701.9	603.1	498.8	393.1	294.5
-37.5°	1579.1	1372.9	1194.7	1042.5	903.0	782.7	674.9	579.0	481.1	380.6	286.9
-40°	1458.1	1272.2	1117.7	983.1	856.8	743.0	644.8	553.3	464.6	366.9	278.0
-42.5°	1334.8	1180.7	1042.7	919.1	810.2	706.4	612.1	526.0	443.3	354.1	267.9
-45°	1226.9	1086.9	965.0	861.1	761.7	666.7	580.0	497.5	420.4	341.1	257.3
-47.5°	1115.3	996.5	892.5	800.4	713.9	625.4	546.3	471.2	396.7	326.4	246.5
-50°	1011.3	910.9	824.4	741.9	661.1	586.8	512.5	444.1	375.1	307.2	234.3
-52.5°	918.8	835.1	758.1	683.0	613.6	546.5	482.3	416.5	352.5	288.1	220.9
-55°	837.1	762.4	693.1	628.1	566.0	510.6	451.4	390.5	329.0	268.5	206.5
-57.5°	758.8	691.5	632.6	574.8	521.9	473.7	421.1	363.6	305.3	247.8	193.7
-60°	680.0	625.9	573.5	525.0	479.3	435.5	390.8	335.8	280.8	226.5	178.3
-62.5°	604.6	559.2	518.9	476.2	434.3	395.7	359.5	307.2	255.2	205.5	161.1
-65°	530.5	495.8	463.3	423.2	386.7	354.4	324.5	277.5	228.3	183.2	143.2
-67.5°	457.2	428.6	399.5	367.0	339.9	313.6	287.1	244.6	199.9	159.6	125.1
-70°	383.2	358.9	338.1	317.5	295.0	271.9	245.4	209.2	170.0	137.2	106.4
-72.5°	310.7	295.8	283.4	268.8	249.8	227.9	203.0	173.4	143.0	114.2	87.1
-75°	239.3	236.2	232.4	223.1	204.8	184.3	164.2	141.5	115.4	90.6	71.0
-77.5°	188.5	187.2	184.6	178.0	162.1	145.4	127.9	108.9	89.0	71.9	55.8
-80°	139.6	139.4	138.2	134.2	120.5	106.3	94.2	82.0	67.4	53.5	40.3
-82.5°	91.8	93.1	93.7	92.5	83.2	74.2	65.4	56.7	45.5	34.7	26.9
-85°	52.4	53.4	53.7	53.0	47.3	41.8	38.1	34.3	28.4	22.9	18.0
-87.5°	21.8	23.0	24.0	24.6	22.8	20.9	19.1	17.2	14.2	11.5	9.0
-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: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.0	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.2	2.0	2.0	2.0	1.5	0.8	0.0
65°	2.4	2.2	2.0	2.0	1.7	0.8	0.0
62.5°	2.8	2.7	2.0	2.0	1.8	0.9	0.0
60°	3.2	3.2	2.0	2.0	2.0	1.0	0.0
57.5°	5.5	3.8	2.6	2.0	2.0	1.1	0.0
55°	8.4	4.5	3.2	2.0	2.1	1.1	0.0
52.5°	11.8	5.6	3.9	2.0	2.1	1.2	0.0
50°	15.6	9.2	4.6	2.0	2.1	1.3	0.0
47.5°	20.8	13.0	5.3	2.1	2.2	1.4	0.0
45°	31.8	17.0	6.0	2.7	2.3	1.4	0.0
42.5°	42.8	21.2	6.8	3.3	2.3	1.5	0.0
40°	53.8	25.7	8.9	4.0	2.4	1.5	0.0
37.5°	64.7	30.4	12.4	4.9	2.5	1.6	0.0
35°	75.5	37.7	16.0	5.9	2.6	1.6	0.0
32.5°	86.9	46.3	19.5	6.9	2.7	1.7	0.0
30°	99.6	54.6	23.1	8.0	2.8	1.7	0.0
27.5°	112.0	62.6	27.2	9.2	2.9	1.8	0.0
25°	124.0	70.4	31.3	10.4	3.0	1.8	0.0
22.5°	135.4	78.0	35.3	11.6	3.1	1.8	0.0
20°	146.3	85.3	39.2	12.9	3.2	1.9	0.0
17.5°	156.4	92.2	42.9	14.2	3.3	1.9	0.0
15°	165.6	98.7	46.5	15.5	3.4	1.9	0.0
12.5°	174.1	104.7	49.9	16.8	3.6	2.0	0.0
10°	181.8	110.2	53.1	18.1	3.7	2.0	0.0
7.5°	188.7	115.1	56.0	19.3	3.8	2.0	0.0
5°	194.7	119.5	58.7	20.4	3.9	2.0	0.0
2.5°	199.9	123.4	61.2	21.5	4.0	2.0	0.0
0°	204.2	126.6	63.3	22.5	4.1	2.0	0.0
-2.5°	209.8	130.6	66.2	23.9	4.7	2.1	0.0
-5°	214.4	133.9	68.7	25.2	5.3	2.3	0.0
-7.5°	218.0	136.7	70.9	26.4	5.9	2.4	0.0
-10°	220.6	138.7	72.7	27.4	6.5	2.5	0.0
-12.5°	222.1	140.0	74.0	28.3	7.0	2.6	0.0
-15°	222.6	140.7	74.9	29.0	7.5	2.7	0.0
-17.5°	222.0	140.6	75.3	29.6	8.0	2.8	0.0
-20°	221.3	139.8	75.2	29.9	8.4	2.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627472 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	221.4	138.3	74.6	30.1	8.8	2.9	0.0
-25°	220.4	137.8	73.5	30.1	9.1	3.0	0.0
-27.5°	218.3	137.2	71.8	29.9	9.4	3.0	0.0
-30°	215.1	135.7	69.7	29.5	9.6	3.1	0.0
-32.5°	210.8	133.4	68.8	28.9	9.8	3.1	0.0
-35°	206.7	130.2	67.4	28.0	9.9	3.1	0.0
-37.5°	202.0	126.7	65.4	27.0	9.9	3.1	0.0
-40°	196.2	123.6	62.8	25.7	9.9	3.1	0.0
-42.5°	189.2	119.7	60.9	24.5	9.8	3.0	0.0
-45°	181.2	115.0	59.7	23.6	9.6	3.0	0.0
-47.5°	172.0	109.6	57.9	22.3	9.4	2.9	0.0
-50°	164.0	103.4	55.5	21.9	9.1	2.8	0.0
-52.5°	155.4	96.4	52.4	21.6	8.8	2.7	0.0
-55°	145.8	90.8	48.8	21.0	8.4	2.6	0.0
-57.5°	135.3	84.6	44.6	20.2	7.9	2.5	0.0
-60°	124.1	77.6	40.0	19.1	7.4	2.3	0.0
-62.5°	113.2	69.8	37.2	17.7	6.9	2.2	0.0
-65°	101.3	61.3	34.0	16.2	6.4	2.0	0.0
-67.5°	88.3	53.6	30.4	14.4	5.9	1.9	0.0
-70°	74.5	47.0	26.5	12.4	5.3	1.7	0.0
-72.5°	63.3	39.9	22.2	10.9	4.8	1.5	0.0
-75°	51.9	32.3	17.6	9.5	4.1	1.3	0.0
-77.5°	40.0	24.3	14.6	8.1	3.5	1.1	0.0
-80°	27.6	18.6	11.8	6.5	2.8	0.9	0.0
-82.5°	20.3	14.1	8.9	4.9	2.1	0.7	0.0
-85°	13.6	9.4	6.0	3.3	1.4	0.4	0.0
-87.5°	6.9	4.7	3.0	1.7	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)