

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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

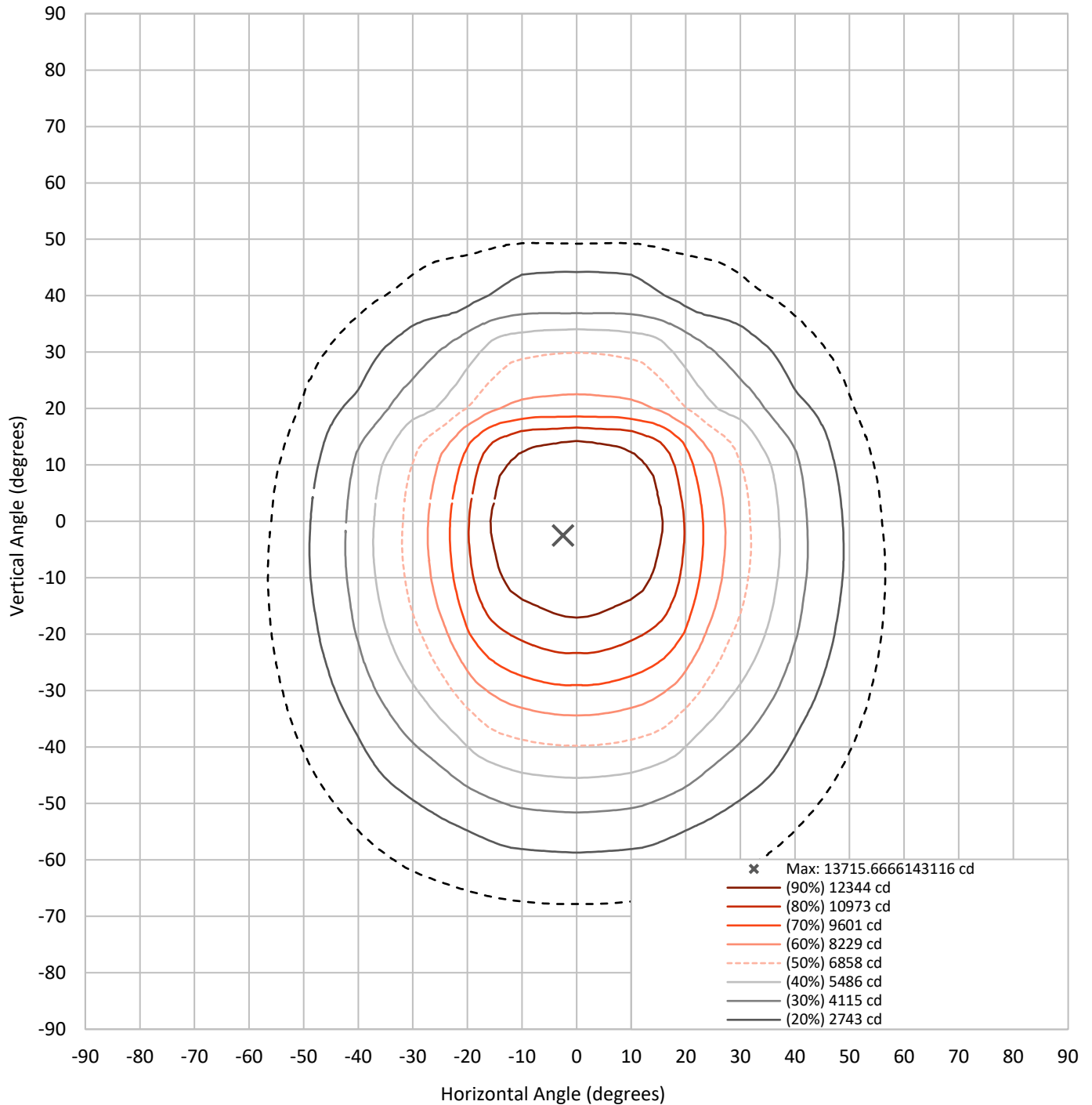
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18304 lumens	Max Intensity:	13715.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	114.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	10590.1 lumens	Field Lumens:	17369.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	160.2		
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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

Iso-Candela Plot





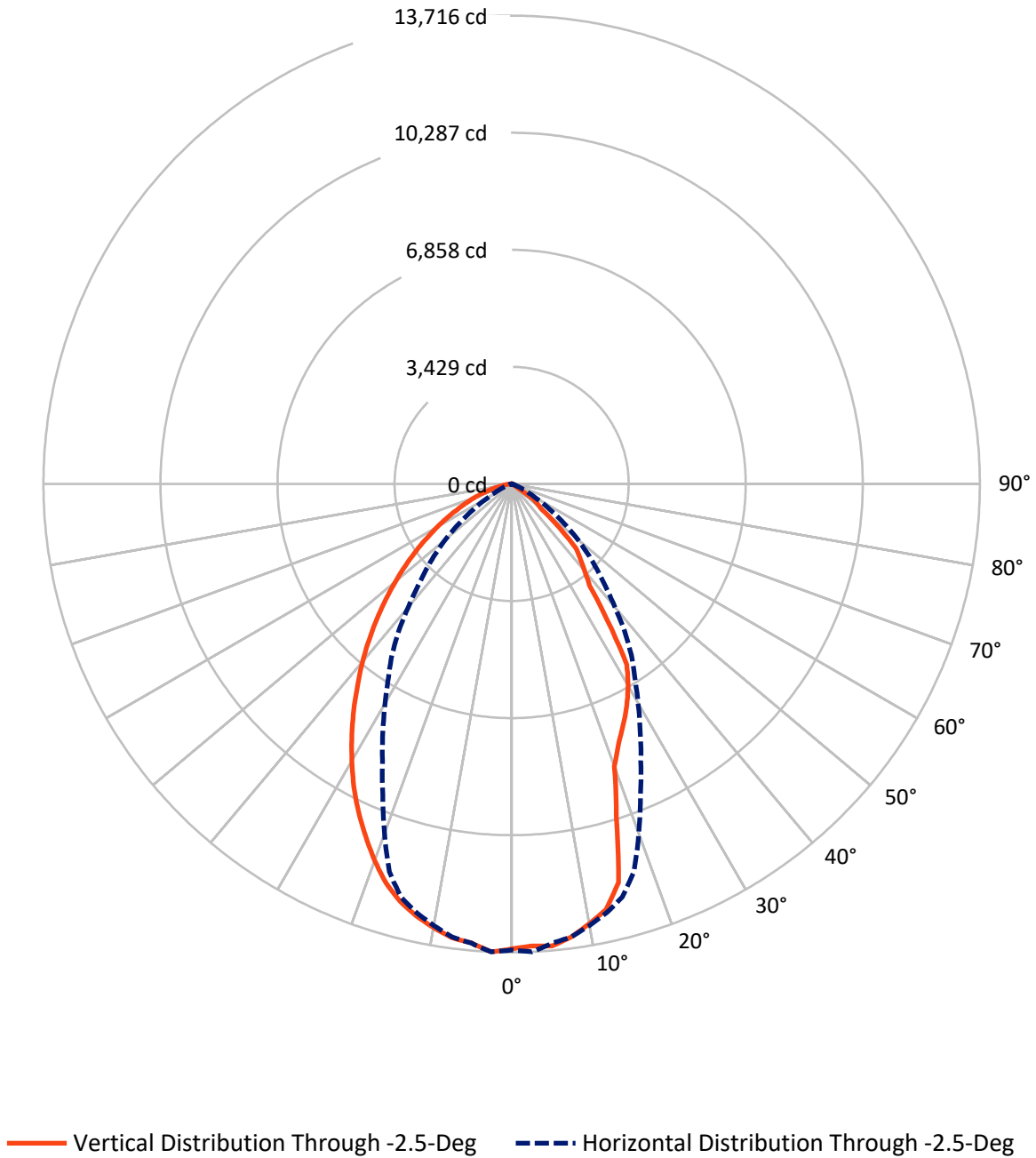
REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
70																			
60	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
50		0.2	0.4	1.7	5.0	9.6	14.3	17.8	17.8	14.3	9.6	5.0	1.7	0.4	0.2				
40	0.3	0.3	2.0	9.4	22.7	40.9	60.3	73.9	73.9	60.3	40.9	22.7	9.4	2.0	0.3	0.3	0.3	0.3	
30		0.9	6.8	23.8	53.0	86.0	128.9	150.8	150.8	128.9	86.0	53.0	23.8	6.8	0.9				
20	0.6	2.0	13.2	42.1	85.5	135.5	203.3	233.7	233.7	203.3	135.5	85.5	42.1	13.2	2.0	0.6	0.6	0.6	
10		3.5	20.2	62.3	123.1	202.7	301.7	346.0	346.0	301.7	202.7	123.1	62.3	20.2	3.5				
0	0.9	4.7	26.2	74.0	147.3	242.2	356.2	404.3	404.3	356.2	242.2	147.3	74.0	26.2	4.7	0.9	0.9	0.9	
-10		5.6	28.9	76.9	151.2	247.7	358.9	405.8	405.8	358.9	247.7	151.2	76.9	28.9	5.6				
-20	1.2	5.9	28.3	72.8	142.6	231.9	333.1	376.4	376.4	333.1	231.9	142.6	72.8	28.3	5.9	1.2	1.2	1.2	
-30		5.3	24.7	63.5	123.2	197.2	279.2	316.3	316.3	279.2	197.2	123.2	63.5	24.7	5.3				
-40	1.2	4.5	19.7	49.9	96.9	152.1	213.3	241.4	241.4	213.3	152.1	96.9	49.9	19.7	4.5	1.2	1.2	1.2	
-50		3.6	14.6	35.6	69.4	107.0	147.6	167.5	167.5	147.6	107.0	69.4	35.6	14.6	3.6				
-60	0.9	2.7	9.5	22.9	43.1	66.4	90.2	102.9	102.9	90.2	66.4	43.1	22.9	9.5	2.7	0.9	0.9	0.9	
-70		1.9	5.8	13.4	23.7	35.2	46.6	52.8	52.8	46.6	35.2	23.7	13.4	5.8	1.9				
-80	0.3	4.3	19.7	43.0	48.1	43.0	19.7	4.3	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

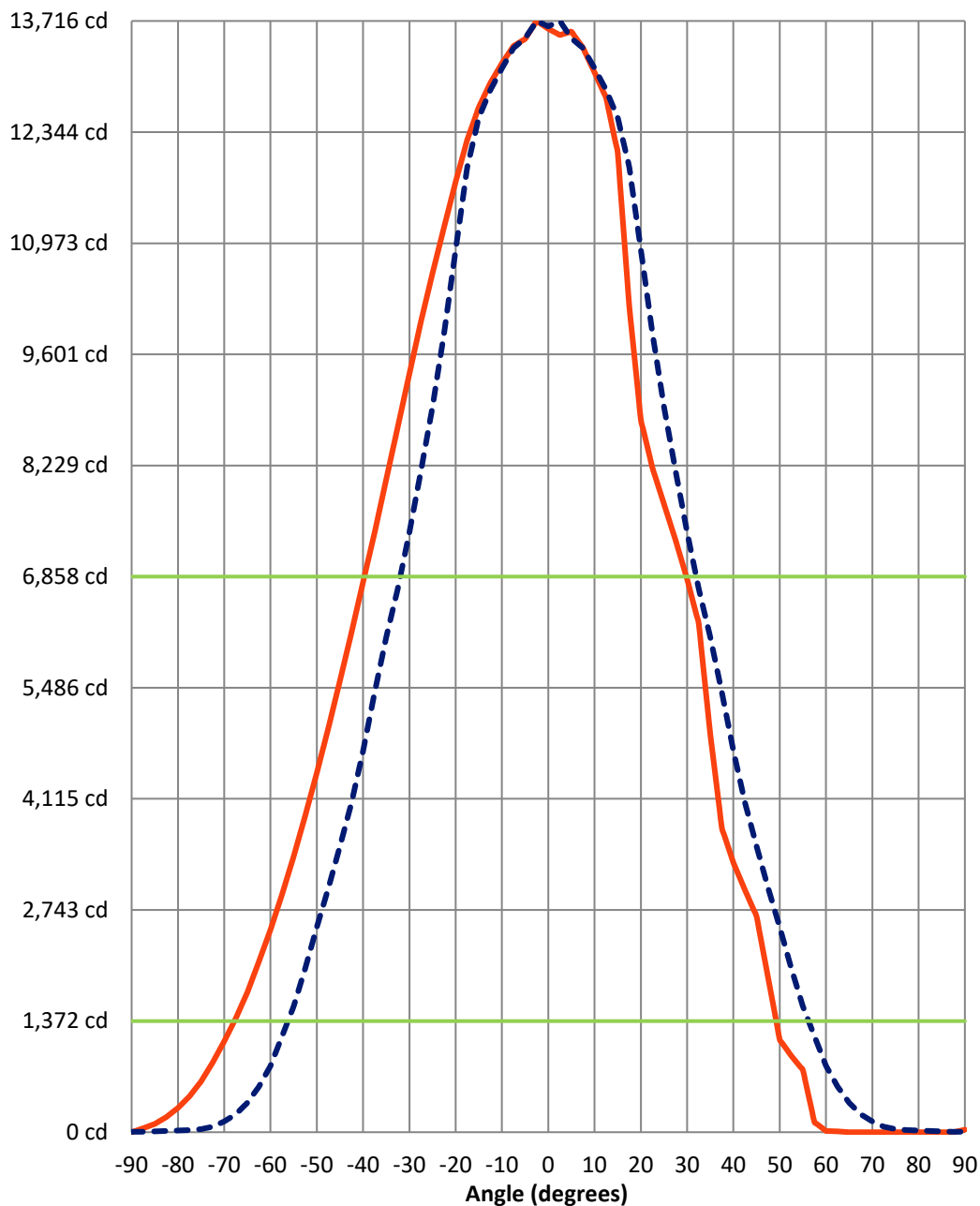
REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 10590.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 17369.3
 Efficiency: 94.9%

Spill:
 Lumens: 934.7
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	5.1	5.1	5.1	6.4	7.7	8.9	10.2	11.5	12.8	14.1	15.4
87.5°	5.1	5.1	5.1	4.9	4.7	4.3	3.8	2.7	1.7	0.8	0.0
85°	5.1	5.1	5.1	4.8	4.2	3.5	2.5	1.5	0.8	0.3	0.0
82.5°	5.1	5.1	5.1	4.6	3.8	2.7	1.2	0.4	0.1	0.7	1.4
80°	5.1	5.1	5.1	4.5	3.4	1.9	0.3	1.0	1.8	2.7	3.5
77.5°	5.1	5.1	5.1	4.3	3.0	1.7	1.6	2.5	3.6	4.6	4.6
75°	5.1	5.1	5.1	4.2	2.8	2.5	2.9	4.0	5.0	4.1	2.7
72.5°	5.1	5.1	5.1	4.1	3.2	3.3	4.1	5.0	4.3	2.9	0.9
70°	5.1	5.1	5.1	4.1	3.7	4.1	5.1	4.8	3.7	1.9	2.3
67.5°	5.1	5.1	5.1	4.3	4.1	4.8	5.3	4.7	3.3	3.9	4.6
65°	5.1	5.1	5.1	4.4	4.4	5.3	5.5	4.7	5.1	5.9	6.3
62.5°	5.1	5.1	5.1	4.6	4.8	5.7	5.7	5.8	6.9	7.7	7.0
60°	5.1	5.1	5.1	4.7	5.1	6.1	6.1	7.3	8.6	8.9	8.0
57.5°	5.1	5.1	5.2	4.8	5.6	6.6	7.3	8.8	10.1	10.3	10.0
55°	5.1	5.1	5.2	4.9	6.1	7.1	8.6	10.3	11.7	11.9	12.4
52.5°	5.1	5.1	5.3	5.0	6.6	7.8	9.8	11.8	13.4	14.1	14.9
50°	5.1	5.1	5.4	5.1	7.2	8.9	11.1	13.3	15.2	16.3	17.3
47.5°	5.1	5.1	5.6	5.2	7.8	9.9	12.3	14.8	17.1	18.4	19.7
45°	5.1	5.1	5.7	5.7	8.4	10.9	13.5	16.2	18.9	20.6	22.1
42.5°	5.1	5.1	5.9	6.2	9.0	11.9	14.7	17.7	20.8	22.7	26.8
40°	5.1	5.1	6.1	6.8	9.8	12.8	15.9	19.5	22.8	24.8	32.0
37.5°	5.1	5.1	6.3	7.5	10.5	13.8	17.0	21.3	25.0	28.2	37.2
35°	5.1	5.1	6.5	8.1	11.2	14.7	18.1	23.1	27.2	34.7	47.4
32.5°	5.1	5.1	6.7	8.8	11.9	15.5	19.2	25.0	29.6	42.2	67.6
30°	5.1	5.1	7.0	9.4	12.6	16.4	20.8	27.0	32.0	50.9	87.2
27.5°	5.1	5.1	7.2	10.0	13.4	17.1	22.3	29.0	36.3	60.5	106.3
25°	5.1	5.1	7.5	10.6	14.2	17.9	23.8	31.0	43.7	74.5	124.9
22.5°	5.1	5.1	7.8	11.2	15.0	18.7	25.3	33.0	51.5	89.9	149.6
20°	5.1	5.1	8.0	11.8	15.7	19.6	26.7	35.0	59.6	104.5	174.0
17.5°	5.1	5.1	8.3	12.3	16.4	20.5	28.2	37.0	67.8	118.2	198.1
15°	5.1	5.1	8.6	12.8	17.1	21.4	29.6	39.6	76.1	131.1	221.5
12.5°	5.1	5.1	8.9	13.3	17.8	22.2	30.9	43.1	85.3	143.1	243.9
10°	5.1	5.1	9.2	13.8	18.4	23.0	32.1	46.9	95.1	157.0	266.4
7.5°	5.1	5.1	9.5	14.2	19.0	23.7	33.2	50.6	104.4	170.6	290.0
5°	5.1	5.1	9.7	14.7	19.5	24.4	34.2	54.4	113.1	183.1	311.8
2.5°	5.1	5.1	10.0	15.0	20.0	25.0	35.1	58.0	121.0	194.6	331.3
0°	5.1	5.1	10.2	15.4	20.5	25.6	35.8	61.4	128.0	204.8	348.2
-2.5°	5.1	5.1	10.2	15.4	20.5	25.6	35.8	61.4	128.0	204.8	348.2
-5°	5.1	5.1	10.2	15.3	21.3	26.6	39.6	73.4	137.2	235.1	375.9
-7.5°	5.1	5.1	10.1	15.3	21.6	27.1	41.2	78.4	140.3	246.7	385.6
-10°	5.1	5.1	10.0	15.2	21.9	27.5	42.5	82.5	142.7	255.1	392.8
-12.5°	5.1	5.1	10.0	15.0	22.0	27.8	43.5	85.6	144.3	259.4	398.4
-15°	5.1	5.1	9.9	14.9	22.1	28.1	44.2	87.5	147.3	259.0	400.4
-17.5°	5.1	5.1	9.7	14.7	22.1	28.3	44.4	89.4	151.8	256.4	397.9
-20°	5.1	5.1	9.6	14.5	21.9	28.5	45.5	91.2	154.6	251.7	390.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.1	5.1	9.4	14.2	21.7	28.6	48.5	92.0	155.9	244.9	378.2
-25°	5.1	5.1	9.2	13.9	21.3	30.5	50.9	91.7	155.4	236.2	360.5
-27.5°	5.1	5.1	9.0	13.6	20.8	32.8	52.7	90.3	153.3	228.8	347.6
-30°	5.1	5.1	8.8	13.3	20.3	34.9	54.0	87.8	150.4	225.5	333.0
-32.5°	5.1	5.1	8.6	12.9	21.0	36.6	54.7	87.9	146.7	219.9	316.6
-35°	5.1	5.1	8.4	12.6	21.6	37.9	56.2	88.4	141.6	212.0	298.4
-37.5°	5.1	5.1	8.1	12.2	21.9	38.8	57.7	88.1	135.1	201.7	290.2
-40°	5.1	5.1	7.8	11.7	22.1	39.1	58.6	86.9	127.1	191.8	281.1
-42.5°	5.1	5.1	7.5	11.5	22.2	39.1	58.9	84.9	122.5	183.9	267.2
-45°	5.1	5.1	7.2	11.5	22.3	38.8	58.6	83.1	119.2	174.1	249.7
-47.5°	5.1	5.1	6.9	11.5	22.2	38.2	57.7	81.9	115.0	162.3	235.8
-50°	5.1	5.1	6.6	11.3	21.7	37.4	56.5	79.9	111.6	158.1	219.4
-52.5°	5.1	5.1	6.2	11.1	21.1	36.2	54.9	77.1	108.7	152.5	201.7
-55°	5.1	5.1	5.8	10.8	20.2	34.7	53.0	73.6	105.1	145.6	193.3
-57.5°	5.1	5.1	5.5	10.4	19.0	32.8	50.6	70.5	100.2	138.3	183.4
-60°	5.1	5.1	5.1	9.9	17.7	30.6	47.8	67.0	93.9	129.7	171.9
-62.5°	5.1	5.1	5.1	9.4	16.7	28.0	44.0	62.5	86.1	119.5	158.5
-65°	5.1	5.1	5.1	8.8	15.6	25.0	39.6	56.6	76.7	106.0	143.3
-67.5°	5.1	5.1	5.1	8.1	14.4	22.5	34.8	49.7	65.8	90.3	123.1
-70°	5.1	5.1	5.1	7.4	13.1	20.5	29.7	42.3	56.4	72.8	99.5
-72.5°	5.1	5.1	5.1	7.2	11.7	18.2	26.2	34.6	46.5	60.4	76.1
-75°	5.1	5.1	5.1	7.2	10.2	15.9	22.8	29.2	36.2	47.6	60.6
-77.5°	5.1	5.1	5.1	7.1	9.7	13.5	19.3	24.6	30.1	36.0	44.4
-80°	5.1	5.1	5.1	7.0	9.3	12.1	15.6	19.8	24.2	29.0	34.2
-82.5°	5.1	5.1	5.1	6.8	8.9	11.4	14.1	16.1	18.3	21.9	25.8
-85°	5.1	5.1	5.1	6.7	8.5	10.6	12.8	14.6	16.3	18.0	19.7
-87.5°	5.1	5.1	5.1	6.5	8.1	9.8	11.5	13.0	14.6	16.1	17.5
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.8	2.5	1.3	0.0



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	16.7	18.0	19.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.4	2.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.9	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	1.4	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.9	3.1	2.1	0.8	0.0	0.3	0.7	0.5	0.0	0.3	0.6
67.5°	4.8	3.5	2.3	1.4	1.9	2.6	2.4	2.6	2.8	3.0	2.6
65°	5.0	3.8	3.8	4.4	5.0	5.5	5.9	6.3	5.3	4.6	4.7
62.5°	5.3	5.8	6.6	7.4	8.2	8.9	8.9	8.0	6.0	7.6	8.7
60°	7.6	8.3	9.4	10.4	11.4	12.0	11.5	11.6	12.9	15.0	28.8
57.5°	10.2	10.9	12.2	13.8	15.3	15.5	16.0	17.3	40.6	66.2	73.2
55°	12.9	13.5	15.7	18.2	19.7	19.6	28.1	59.2	89.3	123.8	136.5
52.5°	15.6	16.7	20.4	23.4	25.4	39.5	71.2	113.4	157.9	197.4	248.5
50°	18.2	21.9	25.7	30.2	48.2	85.1	131.4	189.0	256.1	319.3	384.0
47.5°	22.8	27.4	33.3	47.7	95.0	146.2	210.2	303.0	385.7	462.2	550.9
45°	28.2	37.9	44.3	94.4	149.4	215.4	323.8	437.2	512.3	614.6	771.6
42.5°	33.8	52.4	84.6	142.5	209.5	316.0	450.5	547.1	647.0	812.9	977.9
40°	48.6	70.3	127.7	196.5	281.4	436.7	574.7	684.2	820.6	1004.4	1176.7
37.5°	66.5	107.2	171.5	254.1	394.2	564.5	712.2	868.5	1025.3	1198.6	1518.3
35°	86.5	141.5	227.1	338.5	507.1	706.1	882.3	1056.9	1237.6	1579.0	1896.1
32.5°	112.5	173.1	285.2	436.8	629.1	847.5	1052.0	1253.9	1543.7	1930.1	2248.3
30°	140.5	223.9	352.1	527.6	743.9	977.0	1222.9	1467.4	1851.0	2170.6	2516.1
27.5°	169.8	277.5	430.6	622.6	851.5	1099.3	1376.8	1725.5	2067.6	2383.5	2763.2
25°	199.9	333.4	502.4	713.4	957.3	1231.4	1550.6	1975.4	2243.0	2592.0	2988.1
22.5°	238.6	386.8	573.4	795.6	1055.4	1367.2	1774.3	2200.8	2515.7	2809.3	3196.3
20°	283.3	447.0	650.7	898.7	1151.5	1499.8	1996.7	2445.3	2815.7	3151.9	3507.3
17.5°	325.0	503.2	733.3	1004.0	1291.3	1669.8	2214.9	2711.3	3119.0	3493.6	3937.3
15°	363.7	555.2	814.3	1103.6	1428.7	1864.5	2410.6	2955.8	3421.3	3842.8	4347.0
12.5°	399.0	602.8	892.3	1196.9	1558.1	2032.3	2574.9	3107.0	3618.7	4167.9	4740.2
10°	430.8	645.5	965.9	1283.0	1678.1	2174.3	2710.7	3233.2	3749.4	4330.6	4966.4
7.5°	465.0	685.5	1032.8	1361.2	1787.2	2291.5	2819.1	3334.4	3855.0	4460.7	5113.4
5°	496.6	722.2	1085.9	1417.3	1871.6	2383.0	2900.7	3411.2	3935.1	4557.6	5224.8
2.5°	524.3	753.1	1129.2	1461.2	1934.1	2450.3	2953.7	3475.3	3994.6	4636.5	5309.8
0°	547.8	778.2	1162.2	1495.0	1981.4	2498.5	2984.9	3517.4	4029.4	4689.9	5365.7
-2.5°	562.9	819.3	1184.9	1553.9	2022.7	2530.1	3012.9	3529.2	4066.9	4706.8	5428.5
-5°	573.5	852.6	1198.6	1599.3	2049.7	2544.0	3022.1	3520.1	4076.9	4702.5	5437.7
-7.5°	579.6	876.1	1205.0	1625.1	2059.2	2535.6	3006.5	3502.8	4060.5	4686.4	5397.1
-10°	583.2	883.5	1213.7	1617.3	2046.7	2508.2	2971.9	3462.1	4014.0	4634.1	5319.9
-12.5°	592.8	878.8	1212.2	1600.1	2019.8	2466.7	2920.5	3397.7	3936.6	4544.8	5213.1
-15°	595.2	868.2	1197.6	1574.8	1978.6	2412.5	2853.3	3309.4	3841.2	4457.7	5094.9
-17.5°	589.8	852.3	1169.2	1542.5	1923.5	2346.8	2774.1	3229.9	3751.7	4357.3	4970.9
-20°	576.1	831.6	1126.4	1504.3	1858.1	2273.7	2694.8	3146.4	3648.8	4218.1	4832.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	553.7	806.7	1080.0	1451.0	1801.7	2189.8	2601.9	3032.8	3519.8	4037.4	4645.5
-25°	530.5	778.5	1043.5	1377.7	1733.7	2091.8	2495.1	2893.8	3368.3	3876.7	4416.3
-27.5°	508.5	739.2	1005.6	1297.5	1653.7	1987.2	2374.3	2763.3	3198.0	3696.2	4193.0
-30°	479.8	696.6	959.2	1220.3	1558.1	1888.7	2239.6	2622.4	3013.4	3486.2	3975.0
-32.5°	454.4	652.5	906.4	1161.6	1455.2	1777.7	2094.5	2459.3	2840.8	3243.9	3726.9
-35°	437.5	626.3	850.5	1093.7	1350.3	1657.0	1958.3	2275.2	2644.8	3023.1	3447.2
-37.5°	423.7	596.3	791.6	1022.9	1267.2	1530.4	1812.5	2104.1	2426.5	2807.9	3206.7
-40°	402.1	562.5	748.0	955.5	1171.0	1410.4	1672.2	1936.1	2215.7	2588.3	2981.7
-42.5°	374.4	529.7	706.9	882.1	1079.0	1297.5	1530.2	1778.8	2047.4	2371.1	2732.7
-45°	353.1	487.8	661.2	818.1	981.1	1180.9	1399.5	1624.7	1878.0	2155.9	2480.7
-47.5°	326.0	442.3	601.4	748.1	891.7	1062.3	1262.1	1475.2	1699.7	1950.0	2216.2
-50°	297.1	404.3	528.3	671.1	808.0	949.9	1120.3	1317.4	1521.0	1739.3	1976.8
-52.5°	275.1	360.0	473.1	591.9	722.4	851.1	996.2	1165.2	1347.1	1529.4	1738.4
-55°	250.2	327.3	420.5	527.0	638.1	757.2	889.4	1037.4	1185.7	1353.2	1519.9
-57.5°	232.7	295.8	376.6	469.2	569.0	670.2	794.9	920.0	1057.3	1195.9	1334.3
-60°	219.0	268.6	335.6	417.2	506.1	600.7	703.1	818.7	936.8	1050.0	1169.5
-62.5°	203.4	246.5	298.9	365.4	445.8	528.1	618.3	717.3	824.2	919.5	1012.1
-65°	183.1	220.6	265.6	319.7	382.8	452.4	529.2	612.7	705.1	782.5	858.2
-67.5°	159.9	191.5	229.2	273.4	326.0	380.4	436.7	507.3	582.4	645.4	707.1
-70°	130.7	159.9	190.7	226.8	268.0	314.1	363.7	414.9	466.3	517.8	574.2
-72.5°	100.0	126.6	152.8	178.5	211.3	249.1	289.5	332.5	377.3	421.4	464.3
-75°	76.2	93.5	116.3	139.5	162.3	186.9	214.3	248.5	290.1	332.9	372.1
-77.5°	57.6	72.0	87.2	103.2	117.6	135.7	155.5	176.8	211.1	250.6	290.4
-80°	41.6	50.2	62.3	75.1	85.3	95.3	105.7	116.4	142.0	173.8	207.7
-82.5°	30.9	36.8	43.5	50.9	56.0	61.0	66.6	73.7	92.7	114.1	136.8
-85°	21.2	23.0	26.6	30.8	33.6	36.5	39.5	42.5	52.8	64.2	76.5
-87.5°	18.3	19.2	20.2	21.2	21.6	22.0	22.3	22.6	26.1	29.7	33.4
-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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20.5	21.8	23.1	24.3	25.6	26.9	28.2	29.4	30.7	30.7	30.7
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°	0.4	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.3	2.6	2.6	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.4	5.1	3.8	2.5	1.2	1.9	3.1	3.7	3.7	3.3	2.6
62.5°	8.1	7.4	6.7	7.8	9.3	10.7	10.3	9.8	9.1	8.6	8.9
60°	30.3	20.2	23.3	29.3	27.4	18.8	30.9	34.9	29.7	20.3	19.7
57.5°	76.7	74.1	84.9	124.0	136.4	124.3	148.5	180.3	179.4	154.5	153.7
55°	163.5	219.4	286.8	297.7	344.6	438.7	512.0	479.9	479.7	503.8	581.6
52.5°	310.6	363.3	382.9	435.3	533.4	604.6	650.4	697.7	749.6	802.6	856.2
50°	455.8	507.0	565.1	618.8	754.6	827.6	815.4	913.5	1039.0	1117.4	1157.7
47.5°	668.5	749.2	872.1	1064.5	1165.9	1239.1	1330.2	1441.3	1585.2	1780.2	1930.5
45°	919.0	1045.9	1236.0	1440.5	1597.7	1669.4	1773.6	1945.7	2175.0	2398.3	2561.4
42.5°	1123.8	1297.9	1512.3	1707.6	1835.9	1953.6	2088.6	2233.7	2496.4	2734.9	2923.3
40°	1391.1	1526.7	1767.2	1951.3	2066.1	2182.8	2396.8	2613.9	2860.9	3083.1	3237.6
37.5°	1729.7	1882.3	2132.5	2340.7	2451.3	2492.6	2856.3	3158.7	3359.4	3643.1	3735.9
35°	2093.5	2344.7	2663.4	2933.5	3041.9	3258.3	3633.1	4054.9	4512.0	4680.1	4823.4
32.5°	2499.4	2809.3	3241.8	3531.6	3686.4	4014.7	4489.1	4939.3	5537.0	5861.3	5958.3
30°	2870.8	3226.4	3598.1	3879.8	4144.3	4539.8	4972.4	5527.6	6080.2	6494.9	6623.7
27.5°	3143.3	3536.7	3894.2	4158.0	4456.4	4882.8	5422.1	5984.4	6526.8	6949.9	7100.2
25°	3403.4	3848.1	4131.2	4437.8	4788.3	5252.9	5850.6	6475.3	7009.6	7367.2	7551.6
22.5°	3699.4	4137.8	4441.6	4701.4	5159.6	5695.0	6249.8	6955.7	7521.8	7807.1	8007.0
20°	4004.7	4500.8	4970.1	5211.8	5608.2	6286.2	6907.2	7573.7	8120.3	8417.6	8628.1
17.5°	4430.8	5063.0	5638.6	5980.8	6405.3	7216.0	7991.0	8665.1	9425.5	9694.1	9951.4
15°	4880.1	5611.8	6286.1	6828.2	7376.6	8179.8	9177.4	9990.9	10858.6	11246.1	11684.1
12.5°	5328.0	6020.4	6631.3	7330.6	8103.6	8814.0	9763.8	10776.7	11564.1	12058.3	12353.2
10°	5662.8	6305.9	6893.7	7594.7	8366.2	9169.9	10113.7	11152.0	11976.3	12398.0	12638.7
7.5°	5843.5	6459.0	7079.1	7789.5	8557.4	9413.4	10385.8	11416.0	12258.7	12667.4	12905.0
5°	5977.7	6568.8	7210.9	7958.7	8735.2	9603.2	10574.2	11592.2	12360.6	12794.8	13095.4
2.5°	6058.9	6638.4	7294.9	8068.1	8846.5	9750.5	10768.4	11823.6	12496.0	12845.3	13121.7
0°	6082.5	6666.2	7342.0	8125.4	8924.1	9835.4	10844.1	11888.5	12569.5	12907.4	13189.0
-2.5°	6109.0	6710.0	7404.3	8162.5	8954.4	9863.3	10892.8	11910.5	12523.1	12864.1	13132.0
-5°	6090.6	6713.4	7405.6	8131.8	8928.9	9830.5	10818.9	11770.4	12411.2	12779.9	13046.3
-7.5°	6035.5	6667.1	7352.2	8050.1	8832.1	9743.9	10728.1	11644.4	12293.5	12682.3	12973.7
-10°	5955.3	6568.5	7258.3	7965.1	8737.7	9605.6	10574.7	11485.6	12106.8	12519.6	12859.3
-12.5°	5866.4	6467.0	7131.8	7809.8	8573.9	9431.0	10370.0	11232.3	11849.8	12300.1	12542.8
-15°	5734.7	6334.9	6970.5	7626.3	8371.1	9202.6	10099.5	10926.8	11533.3	11899.6	12167.9
-17.5°	5567.1	6156.0	6758.7	7380.7	8082.3	8901.2	9803.6	10619.5	11113.9	11441.1	11704.7
-20°	5387.7	5932.3	6503.2	7090.1	7770.2	8581.5	9467.7	10179.3	10645.3	10959.7	11208.7



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5182.7	5707.2	6229.8	6790.8	7457.7	8201.5	8984.3	9672.0	10172.9	10459.3	10689.3
-25°	4948.7	5459.0	5955.2	6497.1	7110.0	7778.6	8506.4	9182.2	9630.9	9935.0	10163.2
-27.5°	4696.8	5176.1	5660.9	6147.6	6698.5	7364.6	8038.7	8666.5	9049.5	9356.1	9585.6
-30°	4445.3	4876.4	5325.0	5785.7	6302.8	6903.4	7533.9	8061.8	8465.7	8763.6	8976.7
-32.5°	4172.8	4581.9	4979.3	5409.9	5896.7	6426.0	6979.3	7481.5	7913.2	8186.0	8365.5
-35°	3893.6	4289.6	4653.4	5044.2	5473.7	5930.4	6441.2	6936.4	7362.7	7578.6	7753.6
-37.5°	3602.8	3997.7	4342.6	4669.0	5039.0	5462.1	5959.5	6432.1	6800.3	6985.9	7143.6
-40°	3350.0	3697.7	4008.0	4320.4	4621.2	4996.9	5461.2	5918.7	6214.2	6395.0	6541.5
-42.5°	3104.6	3397.8	3652.0	3932.1	4233.1	4603.4	4978.0	5361.6	5599.1	5799.9	5954.2
-45°	2818.7	3080.8	3319.2	3552.1	3826.7	4164.8	4505.1	4812.3	5034.8	5228.8	5379.1
-47.5°	2502.6	2755.6	2987.1	3195.3	3450.5	3732.5	4019.0	4274.7	4494.4	4686.0	4820.2
-50°	2207.9	2434.0	2660.0	2870.8	3091.9	3320.0	3552.4	3776.9	3985.3	4171.6	4285.8
-52.5°	1943.9	2152.5	2350.0	2534.3	2727.8	2920.6	3113.1	3318.6	3510.5	3686.8	3777.9
-55°	1705.1	1893.2	2071.4	2226.7	2381.9	2534.8	2699.8	2889.5	3066.2	3229.5	3294.9
-57.5°	1490.7	1651.7	1809.4	1940.7	2067.4	2189.0	2333.9	2494.1	2648.7	2788.7	2842.2
-60°	1293.5	1421.3	1553.2	1669.7	1780.1	1884.4	2010.7	2139.7	2265.1	2370.6	2416.1
-62.5°	1112.1	1221.4	1321.3	1416.0	1509.5	1603.4	1705.4	1807.7	1909.0	1990.3	2031.4
-65°	937.3	1024.3	1104.6	1182.4	1257.9	1336.8	1416.6	1494.4	1569.3	1627.4	1663.1
-67.5°	773.1	839.2	902.9	963.6	1026.8	1090.7	1153.1	1212.7	1269.0	1313.9	1348.0
-70°	627.6	678.7	728.6	778.8	831.6	881.3	928.3	972.9	1014.8	1047.1	1073.4
-72.5°	505.9	547.4	590.5	635.7	678.3	715.5	749.3	781.9	813.1	831.3	845.0
-75°	407.9	442.8	480.3	516.9	552.5	580.7	605.5	629.5	652.6	653.9	649.2
-77.5°	329.5	360.7	389.7	418.4	446.9	464.3	479.5	495.1	510.9	501.8	487.3
-80°	241.8	267.8	292.4	317.2	341.9	352.2	359.4	365.6	370.9	358.9	344.1
-82.5°	160.5	176.9	192.9	209.1	225.6	232.3	237.2	241.2	244.5	233.7	221.2
-85°	89.6	97.4	105.2	113.0	120.8	125.4	129.6	133.5	137.1	130.6	123.3
-87.5°	37.3	39.1	40.8	42.5	44.2	45.8	47.4	49.0	50.5	50.7	50.9
-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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	29.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	0.3	0.0	0.0	0.0	0.3	1.5	2.6	3.3	3.7	3.7
62.5°	9.3	9.8	10.1	10.2	10.1	9.8	9.3	8.9	8.6	9.1	9.8
60°	18.1	15.9	15.3	15.4	15.3	15.9	18.1	19.7	20.3	29.7	34.9
57.5°	142.0	121.5	124.6	138.2	124.6	121.5	142.0	153.7	154.5	179.4	180.3
55°	663.3	740.4	767.7	752.6	767.7	740.4	663.3	581.6	503.8	479.7	479.9
52.5°	898.7	930.3	942.5	942.1	942.5	930.3	898.7	856.2	802.6	749.6	697.7
50°	1169.9	1159.2	1142.8	1126.4	1142.8	1159.2	1169.9	1157.7	1117.4	1039.0	913.5
47.5°	1952.5	1918.7	1904.4	1930.2	1904.4	1918.7	1952.5	1930.5	1780.2	1585.2	1441.3
45°	2594.6	2634.3	2663.9	2662.4	2663.9	2634.3	2594.6	2561.4	2398.3	2175.0	1945.7
42.5°	2960.3	2981.4	2987.5	2979.8	2987.5	2981.4	2960.3	2923.3	2734.9	2496.4	2233.7
40°	3286.1	3311.3	3325.4	3338.2	3325.4	3311.3	3286.1	3237.6	3083.1	2860.9	2613.9
37.5°	3766.5	3775.7	3755.6	3742.7	3755.6	3775.7	3766.5	3735.9	3643.1	3359.4	3158.7
35°	4944.2	4968.3	4912.5	4971.5	4912.5	4968.3	4944.2	4823.4	4680.1	4512.0	4054.9
32.5°	6073.7	6186.8	6278.3	6353.9	6278.3	6186.8	6073.7	5958.3	5861.3	5537.0	4939.3
30°	6713.6	6786.5	6825.7	6835.1	6825.7	6786.5	6713.6	6623.7	6494.9	6080.2	5527.6
27.5°	7183.3	7259.8	7307.4	7342.0	7307.4	7259.8	7183.3	7100.2	6949.9	6526.8	5984.4
25°	7636.1	7706.0	7753.6	7772.1	7753.6	7706.0	7636.1	7551.6	7367.2	7009.6	6475.3
22.5°	8105.9	8154.5	8200.2	8222.7	8200.2	8154.5	8105.9	8007.0	7807.1	7521.8	6955.7
20°	8779.4	8753.1	8794.7	8780.7	8794.7	8753.1	8779.4	8628.1	8417.6	8120.3	7573.7
17.5°	10152.0	10166.3	10194.1	10239.9	10194.1	10166.3	10152.0	9951.4	9694.1	9425.5	8665.1
15°	11878.2	11912.9	12089.5	12246.9	12089.5	11912.9	11878.2	11684.1	11246.1	10858.6	9990.9
12.5°	12626.9	12747.1	12765.8	12810.1	12765.8	12747.1	12626.9	12353.2	12058.3	11564.1	10776.7
10°	12876.8	13084.9	13080.4	13132.7	13080.4	13084.9	12876.8	12638.7	12398.0	11976.3	11152.0
7.5°	13066.3	13289.9	13384.3	13424.5	13384.3	13289.9	13066.3	12905.0	12667.4	12258.7	11416.0
5°	13297.8	13420.7	13583.8	13537.2	13583.8	13420.7	13297.8	13095.4	12794.8	12360.6	11592.2
2.5°	13394.9	13587.4	13543.0	13588.4	13543.0	13587.4	13394.9	13121.7	12845.3	12496.0	11823.6
0°	13460.4	13598.6	13619.1	13665.2	13619.1	13598.6	13460.4	13189.0	12907.4	12569.5	11888.5
-2.5°	13380.9	13502.6	13715.7	13649.8	13715.7	13502.6	13380.9	13132.0	12864.1	12523.1	11910.5
-5°	13311.4	13610.8	13494.5	13639.6	13494.5	13610.8	13311.4	13046.3	12779.9	12411.2	11770.4
-7.5°	13275.4	13329.0	13406.2	13516.7	13406.2	13329.0	13275.4	12973.7	12682.3	12293.5	11644.4
-10°	12997.5	13052.3	13194.1	13270.9	13194.1	13052.3	12997.5	12859.3	12519.6	12106.8	11485.6
-12.5°	12696.2	12802.2	12951.1	12999.6	12951.1	12802.2	12696.2	12542.8	12300.1	11849.8	11232.3
-15°	12348.9	12506.5	12651.7	12682.1	12651.7	12506.5	12348.9	12167.9	11899.6	11533.3	10926.8
-17.5°	11907.5	12096.3	12248.9	12282.8	12248.9	12096.3	11907.5	11704.7	11441.1	11113.9	10619.5
-20°	11421.1	11601.9	11731.7	11770.8	11731.7	11601.9	11421.1	11208.7	10959.7	10645.3	10179.3



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10900.2	11063.1	11172.8	11156.4	11172.8	11063.1	10900.2	10689.3	10459.3	10172.9	9672.0
-25°	10347.3	10498.5	10603.0	10588.1	10603.0	10498.5	10347.3	10163.2	9935.0	9630.9	9182.2
-27.5°	9762.7	9905.9	10006.3	10009.5	10006.3	9905.9	9762.7	9585.6	9356.1	9049.5	8666.5
-30°	9148.4	9278.5	9360.1	9328.6	9360.1	9278.5	9148.4	8976.7	8763.6	8465.7	8061.8
-32.5°	8514.9	8632.5	8707.3	8729.5	8707.3	8632.5	8514.9	8365.5	8186.0	7913.2	7481.5
-35°	7890.0	7993.7	8058.2	8074.2	8058.2	7993.7	7890.0	7753.6	7578.6	7362.7	6936.4
-37.5°	7269.1	7358.4	7403.4	7383.0	7403.4	7358.4	7269.1	7143.6	6985.9	6800.3	6432.1
-40°	6655.5	6740.5	6792.1	6804.4	6792.1	6740.5	6655.5	6541.5	6395.0	6214.2	5918.7
-42.5°	6052.3	6122.9	6168.2	6190.0	6168.2	6122.9	6052.3	5954.2	5799.9	5599.1	5361.6
-45°	5466.8	5530.0	5572.5	5596.1	5572.5	5530.0	5466.8	5379.1	5228.8	5034.8	4812.3
-47.5°	4897.2	4952.6	4989.3	5007.3	4989.3	4952.6	4897.2	4820.2	4686.0	4494.4	4274.7
-50°	4352.5	4400.5	4434.7	4454.4	4434.7	4400.5	4352.5	4285.8	4171.6	3985.3	3776.9
-52.5°	3836.0	3877.9	3907.0	3921.9	3907.0	3877.9	3836.0	3777.9	3686.8	3510.5	3318.6
-55°	3342.7	3376.7	3403.6	3420.1	3403.6	3376.7	3342.7	3294.9	3229.5	3066.2	2889.5
-57.5°	2882.7	2910.4	2936.0	2954.2	2936.0	2910.4	2882.7	2842.2	2788.7	2648.7	2494.1
-60°	2452.1	2478.3	2500.0	2513.9	2500.0	2478.3	2452.1	2416.1	2370.6	2265.1	2139.7
-62.5°	2063.6	2086.8	2106.7	2119.7	2106.7	2086.8	2063.6	2031.4	1990.3	1909.0	1807.7
-65°	1691.1	1711.9	1726.7	1735.7	1726.7	1711.9	1691.1	1663.1	1627.4	1569.3	1494.4
-67.5°	1377.1	1401.1	1405.9	1402.9	1405.9	1401.1	1377.1	1348.0	1313.9	1269.0	1212.7
-70°	1096.9	1117.2	1121.9	1121.3	1121.9	1117.2	1096.9	1073.4	1047.1	1014.8	972.9
-72.5°	857.7	868.7	859.3	844.8	859.3	868.7	857.7	845.0	831.3	813.1	781.9
-75°	643.6	636.5	626.6	614.4	626.6	636.5	643.6	649.2	653.9	652.6	629.5
-77.5°	471.4	453.9	442.5	430.1	442.5	453.9	471.4	487.3	501.8	510.9	495.1
-80°	328.2	311.1	299.3	286.7	299.3	311.1	328.2	344.1	358.9	370.9	365.6
-82.5°	207.9	193.9	186.7	179.2	186.7	193.9	207.9	221.2	233.7	244.5	241.2
-85°	115.5	107.1	102.3	97.3	102.3	107.1	115.5	123.3	130.6	137.1	133.5
-87.5°	51.0	51.1	48.6	46.1	48.6	51.1	51.0	50.9	50.7	50.5	49.0
-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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	28.2	26.9	25.6	24.3	23.1	21.8	20.5	19.2	18.0	16.7	15.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.1	0.0	0.0	0.4	0.6	0.3	0.0	0.5
67.5°	0.0	0.0	0.9	2.1	2.6	2.6	2.3	2.6	3.0	2.8	2.6
65°	3.1	1.9	1.2	2.5	3.8	5.1	5.4	4.7	4.6	5.3	6.3
62.5°	10.3	10.7	9.3	7.8	6.7	7.4	8.1	8.7	7.6	6.0	8.0
60°	30.9	18.8	27.4	29.3	23.3	20.2	30.3	28.8	15.0	12.9	11.6
57.5°	148.5	124.3	136.4	124.0	84.9	74.1	76.7	73.2	66.2	40.6	17.3
55°	512.0	438.7	344.6	297.7	286.8	219.4	163.5	136.5	123.8	89.3	59.2
52.5°	650.4	604.6	533.4	435.3	382.9	363.3	310.6	248.5	197.4	157.9	113.4
50°	815.4	827.6	754.6	618.8	565.1	507.0	455.8	384.0	319.3	256.1	189.0
47.5°	1330.2	1239.1	1165.9	1064.5	872.1	749.2	668.5	550.9	462.2	385.7	303.0
45°	1773.6	1669.4	1597.7	1440.5	1236.0	1045.9	919.0	771.6	614.6	512.3	437.2
42.5°	2088.6	1953.6	1835.9	1707.6	1512.3	1297.9	1123.8	977.9	812.9	647.0	547.1
40°	2396.8	2182.8	2066.1	1951.3	1767.2	1526.7	1391.1	1176.7	1004.4	820.6	684.2
37.5°	2856.3	2492.6	2451.3	2340.7	2132.5	1882.3	1729.7	1518.3	1198.6	1025.3	868.5
35°	3633.1	3258.3	3041.9	2933.5	2663.4	2344.7	2093.5	1896.1	1579.0	1237.6	1056.9
32.5°	4489.1	4014.7	3686.4	3531.6	3241.8	2809.3	2499.4	2248.3	1930.1	1543.7	1253.9
30°	4972.4	4539.8	4144.3	3879.8	3598.1	3226.4	2870.8	2516.1	2170.6	1851.0	1467.4
27.5°	5422.1	4882.8	4456.4	4158.0	3894.2	3536.7	3143.3	2763.2	2383.5	2067.6	1725.5
25°	5850.6	5252.9	4788.3	4437.8	4131.2	3848.1	3403.4	2988.1	2592.0	2243.0	1975.4
22.5°	6249.8	5695.0	5159.6	4701.4	4441.6	4137.8	3699.4	3196.3	2809.3	2515.7	2200.8
20°	6907.2	6286.2	5608.2	5211.8	4970.1	4500.8	4004.7	3507.3	3151.9	2815.7	2445.3
17.5°	7991.0	7216.0	6405.3	5980.8	5638.6	5063.0	4430.8	3937.3	3493.6	3119.0	2711.3
15°	9177.4	8179.8	7376.6	6828.2	6286.1	5611.8	4880.1	4347.0	3842.8	3421.3	2955.8
12.5°	9763.8	8814.0	8103.6	7330.6	6631.3	6020.4	5328.0	4740.2	4167.9	3618.7	3107.0
10°	10113.7	9169.9	8366.2	7594.7	6893.7	6305.9	5662.8	4966.4	4330.6	3749.4	3233.2
7.5°	10385.8	9413.4	8557.4	7789.5	7079.1	6459.0	5843.5	5113.4	4460.7	3855.0	3334.4
5°	10574.2	9603.2	8735.2	7958.7	7210.9	6568.8	5977.7	5224.8	4557.6	3935.1	3411.2
2.5°	10768.4	9750.5	8846.5	8068.1	7294.9	6638.4	6058.9	5309.8	4636.5	3994.6	3475.3
0°	10844.1	9835.4	8924.1	8125.4	7342.0	6666.2	6082.5	5365.7	4689.9	4029.4	3517.4
-2.5°	10892.8	9863.3	8954.4	8162.5	7404.3	6710.0	6109.0	5428.5	4706.8	4066.9	3529.2
-5°	10818.9	9830.5	8928.9	8131.8	7405.6	6713.4	6090.6	5437.7	4702.5	4076.9	3520.1
-7.5°	10728.1	9743.9	8832.1	8050.1	7352.2	6667.1	6035.5	5397.1	4686.4	4060.5	3502.8
-10°	10574.7	9605.6	8737.7	7965.1	7258.3	6568.5	5955.3	5319.9	4634.1	4014.0	3462.1
-12.5°	10370.0	9431.0	8573.9	7809.8	7131.8	6467.0	5866.4	5213.1	4544.8	3936.6	3397.7
-15°	10099.5	9202.6	8371.1	7626.3	6970.5	6334.9	5734.7	5094.9	4457.7	3841.2	3309.4
-17.5°	9803.6	8901.2	8082.3	7380.7	6758.7	6156.0	5567.1	4970.9	4357.3	3751.7	3229.9
-20°	9467.7	8581.5	7770.2	7090.1	6503.2	5932.3	5387.7	4832.1	4218.1	3648.8	3146.4



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8984.3	8201.5	7457.7	6790.8	6229.8	5707.2	5182.7	4645.5	4037.4	3519.8	3032.8
-25°	8506.4	7778.6	7110.0	6497.1	5955.2	5459.0	4948.7	4416.3	3876.7	3368.3	2893.8
-27.5°	8038.7	7364.6	6698.5	6147.6	5660.9	5176.1	4696.8	4193.0	3696.2	3198.0	2763.3
-30°	7533.9	6903.4	6302.8	5785.7	5325.0	4876.4	4445.3	3975.0	3486.2	3013.4	2622.4
-32.5°	6979.3	6426.0	5896.7	5409.9	4979.3	4581.9	4172.8	3726.9	3243.9	2840.8	2459.3
-35°	6441.2	5930.4	5473.7	5044.2	4653.4	4289.6	3893.6	3447.2	3023.1	2644.8	2275.2
-37.5°	5959.5	5462.1	5039.0	4669.0	4342.6	3997.7	3602.8	3206.7	2807.9	2426.5	2104.1
-40°	5461.2	4996.9	4621.2	4320.4	4008.0	3697.7	3350.0	2981.7	2588.3	2215.7	1936.1
-42.5°	4978.0	4603.4	4233.1	3932.1	3652.0	3397.8	3104.6	2732.7	2371.1	2047.4	1778.8
-45°	4505.1	4164.8	3826.7	3552.1	3319.2	3080.8	2818.7	2480.7	2155.9	1878.0	1624.7
-47.5°	4019.0	3732.5	3450.5	3195.3	2987.1	2755.6	2502.6	2216.2	1950.0	1699.7	1475.2
-50°	3552.4	3320.0	3091.9	2870.8	2660.0	2434.0	2207.9	1976.8	1739.3	1521.0	1317.4
-52.5°	3113.1	2920.6	2727.8	2534.3	2350.0	2152.5	1943.9	1738.4	1529.4	1347.1	1165.2
-55°	2699.8	2534.8	2381.9	2226.7	2071.4	1893.2	1705.1	1519.9	1353.2	1185.7	1037.4
-57.5°	2333.9	2189.0	2067.4	1940.7	1809.4	1651.7	1490.7	1334.3	1195.9	1057.3	920.0
-60°	2010.7	1884.4	1780.1	1669.7	1553.2	1421.3	1293.5	1169.5	1050.0	936.8	818.7
-62.5°	1705.4	1603.4	1509.5	1416.0	1321.3	1221.4	1112.1	1012.1	919.5	824.2	717.3
-65°	1416.6	1336.8	1257.9	1182.4	1104.6	1024.3	937.3	858.2	782.5	705.1	612.7
-67.5°	1153.1	1090.7	1026.8	963.6	902.9	839.2	773.1	707.1	645.4	582.4	507.3
-70°	928.3	881.3	831.6	778.8	728.6	678.7	627.6	574.2	517.8	466.3	414.9
-72.5°	749.3	715.5	678.3	635.7	590.5	547.4	505.9	464.3	421.4	377.3	332.5
-75°	605.5	580.7	552.5	516.9	480.3	442.8	407.9	372.1	332.9	290.1	248.5
-77.5°	479.5	464.3	446.9	418.4	389.7	360.7	329.5	290.4	250.6	211.1	176.8
-80°	359.4	352.2	341.9	317.2	292.4	267.8	241.8	207.7	173.8	142.0	116.4
-82.5°	237.2	232.3	225.6	209.1	192.9	176.9	160.5	136.8	114.1	92.7	73.7
-85°	129.6	125.4	120.8	113.0	105.2	97.4	89.6	76.5	64.2	52.8	42.5
-87.5°	47.4	45.8	44.2	42.5	40.8	39.1	37.3	33.4	29.7	26.1	22.6
-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: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	14.1	12.8	11.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	1.5
82.5°	0.0	0.0	0.0	0.1	0.8	1.3	1.5	1.4	0.7	0.1	0.4
80°	0.0	0.0	0.0	0.1	1.3	2.7	3.4	3.5	2.7	1.8	1.0
77.5°	0.0	0.0	0.0	0.0	0.5	1.5	2.9	4.6	4.6	3.6	2.5
75°	0.0	0.0	0.0	0.2	0.3	0.1	1.1	2.7	4.1	5.0	4.0
72.5°	0.0	0.0	0.0	0.6	1.4	1.4	0.8	0.9	2.9	4.3	5.0
70°	0.7	0.3	0.0	0.8	2.1	3.1	2.9	2.3	1.9	3.7	4.8
67.5°	2.4	2.6	1.9	1.4	2.3	3.5	4.8	4.6	3.9	3.3	4.7
65°	5.9	5.5	5.0	4.4	3.8	3.8	5.0	6.3	5.9	5.1	4.7
62.5°	8.9	8.9	8.2	7.4	6.6	5.8	5.3	7.0	7.7	6.9	5.8
60°	11.5	12.0	11.4	10.4	9.4	8.3	7.6	8.0	8.9	8.6	7.3
57.5°	16.0	15.5	15.3	13.8	12.2	10.9	10.2	10.0	10.3	10.1	8.8
55°	28.1	19.6	19.7	18.2	15.7	13.5	12.9	12.4	11.9	11.7	10.3
52.5°	71.2	39.5	25.4	23.4	20.4	16.7	15.6	14.9	14.1	13.4	11.8
50°	131.4	85.1	48.2	30.2	25.7	21.9	18.2	17.3	16.3	15.2	13.3
47.5°	210.2	146.2	95.0	47.7	33.3	27.4	22.8	19.7	18.4	17.1	14.8
45°	323.8	215.4	149.4	94.4	44.3	37.9	28.2	22.1	20.6	18.9	16.2
42.5°	450.5	316.0	209.5	142.5	84.6	52.4	33.8	26.8	22.7	20.8	17.7
40°	574.7	436.7	281.4	196.5	127.7	70.3	48.6	32.0	24.8	22.8	19.5
37.5°	712.2	564.5	394.2	254.1	171.5	107.2	66.5	37.2	28.2	25.0	21.3
35°	882.3	706.1	507.1	338.5	227.1	141.5	86.5	47.4	34.7	27.2	23.1
32.5°	1052.0	847.5	629.1	436.8	285.2	173.1	112.5	67.6	42.2	29.6	25.0
30°	1222.9	977.0	743.9	527.6	352.1	223.9	140.5	87.2	50.9	32.0	27.0
27.5°	1376.8	1099.3	851.5	622.6	430.6	277.5	169.8	106.3	60.5	36.3	29.0
25°	1550.6	1231.4	957.3	713.4	502.4	333.4	199.9	124.9	74.5	43.7	31.0
22.5°	1774.3	1367.2	1055.4	795.6	573.4	386.8	238.6	149.6	89.9	51.5	33.0
20°	1996.7	1499.8	1151.5	898.7	650.7	447.0	283.3	174.0	104.5	59.6	35.0
17.5°	2214.9	1669.8	1291.3	1004.0	733.3	503.2	325.0	198.1	118.2	67.8	37.0
15°	2410.6	1864.5	1428.7	1103.6	814.3	555.2	363.7	221.5	131.1	76.1	39.6
12.5°	2574.9	2032.3	1558.1	1196.9	892.3	602.8	399.0	243.9	143.1	85.3	43.1
10°	2710.7	2174.3	1678.1	1283.0	965.9	645.5	430.8	266.4	157.0	95.1	46.9
7.5°	2819.1	2291.5	1787.2	1361.2	1032.8	685.5	465.0	290.0	170.6	104.4	50.6
5°	2900.7	2383.0	1871.6	1417.3	1085.9	722.2	496.6	311.8	183.1	113.1	54.4
2.5°	2953.7	2450.3	1934.1	1461.2	1129.2	753.1	524.3	331.3	194.6	121.0	58.0
0°	2984.9	2498.5	1981.4	1495.0	1162.2	778.2	547.8	348.2	204.8	128.0	61.4
-2.5°	3012.9	2530.1	2022.7	1553.9	1184.9	819.3	562.9	363.5	221.0	133.1	67.7
-5°	3022.1	2544.0	2049.7	1599.3	1198.6	852.6	573.5	375.9	235.1	137.2	73.4
-7.5°	3006.5	2535.6	2059.2	1625.1	1205.0	876.1	579.6	385.6	246.7	140.3	78.4
-10°	2971.9	2508.2	2046.7	1617.3	1213.7	883.5	583.2	392.8	255.1	142.7	82.5
-12.5°	2920.5	2466.7	2019.8	1600.1	1212.2	878.8	592.8	398.4	259.4	144.3	85.6
-15°	2853.3	2412.5	1978.6	1574.8	1197.6	868.2	595.2	400.4	259.0	147.3	87.5
-17.5°	2774.1	2346.8	1923.5	1542.5	1169.2	852.3	589.8	397.9	256.4	151.8	89.4
-20°	2694.8	2273.7	1858.1	1504.3	1126.4	831.6	576.1	390.6	251.7	154.6	91.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2601.9	2189.8	1801.7	1451.0	1080.0	806.7	553.7	378.2	244.9	155.9	92.0
-25°	2495.1	2091.8	1733.7	1377.7	1043.5	778.5	530.5	360.5	236.2	155.4	91.7
-27.5°	2374.3	1987.2	1653.7	1297.5	1005.6	739.2	508.5	347.6	228.8	153.3	90.3
-30°	2239.6	1888.7	1558.1	1220.3	959.2	696.6	479.8	333.0	225.5	150.4	87.8
-32.5°	2094.5	1777.7	1455.2	1161.6	906.4	652.5	454.4	316.6	219.9	146.7	87.9
-35°	1958.3	1657.0	1350.3	1093.7	850.5	626.3	437.5	298.4	212.0	141.6	88.4
-37.5°	1812.5	1530.4	1267.2	1022.9	791.6	596.3	423.7	290.2	201.7	135.1	88.1
-40°	1672.2	1410.4	1171.0	955.5	748.0	562.5	402.1	281.1	191.8	127.1	86.9
-42.5°	1530.2	1297.5	1079.0	882.1	706.9	529.7	374.4	267.2	183.9	122.5	84.9
-45°	1399.5	1180.9	981.1	818.1	661.2	487.8	353.1	249.7	174.1	119.2	83.1
-47.5°	1262.1	1062.3	891.7	748.1	601.4	442.3	326.0	235.8	162.3	115.0	81.9
-50°	1120.3	949.9	808.0	671.1	528.3	404.3	297.1	219.4	158.1	111.6	79.9
-52.5°	996.2	851.1	722.4	591.9	473.1	360.0	275.1	201.7	152.5	108.7	77.1
-55°	889.4	757.2	638.1	527.0	420.5	327.3	250.2	193.3	145.6	105.1	73.6
-57.5°	794.9	670.2	569.0	469.2	376.6	295.8	232.7	183.4	138.3	100.2	70.5
-60°	703.1	600.7	506.1	417.2	335.6	268.6	219.0	171.9	129.7	93.9	67.0
-62.5°	618.3	528.1	445.8	365.4	298.9	246.5	203.4	158.5	119.5	86.1	62.5
-65°	529.2	452.4	382.8	319.7	265.6	220.6	183.1	143.3	106.0	76.7	56.6
-67.5°	436.7	380.4	326.0	273.4	229.2	191.5	159.9	123.1	90.3	65.8	49.7
-70°	363.7	314.1	268.0	226.8	190.7	159.9	130.7	99.5	72.8	56.4	42.3
-72.5°	289.5	249.1	211.3	178.5	152.8	126.6	100.0	76.1	60.4	46.5	34.6
-75°	214.3	186.9	162.3	139.5	116.3	93.5	76.2	60.6	47.6	36.2	29.2
-77.5°	155.5	135.7	117.6	103.2	87.2	72.0	57.6	44.4	36.0	30.1	24.6
-80°	105.7	95.3	85.3	75.1	62.3	50.2	41.6	34.2	29.0	24.2	19.8
-82.5°	66.6	61.0	56.0	50.9	43.5	36.8	30.9	25.8	21.9	18.3	16.1
-85°	39.5	36.5	33.6	30.8	26.6	23.0	21.2	19.7	18.0	16.3	14.6
-87.5°	22.3	22.0	21.6	21.2	20.2	19.2	18.3	17.5	16.1	14.6	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5	3.8



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.2	8.9	7.7	6.4	5.1	5.1	5.1
87.5°	3.8	4.3	4.7	4.9	5.1	5.1	5.1
85°	2.5	3.5	4.2	4.8	5.1	5.1	5.1
82.5°	1.2	2.7	3.8	4.6	5.1	5.1	5.1
80°	0.3	1.9	3.4	4.5	5.1	5.1	5.1
77.5°	1.6	1.7	3.0	4.3	5.1	5.1	5.1
75°	2.9	2.5	2.8	4.2	5.1	5.1	5.1
72.5°	4.1	3.3	3.2	4.1	5.1	5.1	5.1
70°	5.1	4.1	3.7	4.1	5.1	5.1	5.1
67.5°	5.3	4.8	4.1	4.3	5.1	5.1	5.1
65°	5.5	5.3	4.4	4.4	5.1	5.1	5.1
62.5°	5.7	5.7	4.8	4.6	5.1	5.1	5.1
60°	6.1	6.1	5.1	4.7	5.1	5.1	5.1
57.5°	7.3	6.6	5.6	4.8	5.2	5.1	5.1
55°	8.6	7.1	6.1	4.9	5.2	5.1	5.1
52.5°	9.8	7.8	6.6	5.0	5.3	5.1	5.1
50°	11.1	8.9	7.2	5.1	5.4	5.1	5.1
47.5°	12.3	9.9	7.8	5.2	5.6	5.1	5.1
45°	13.5	10.9	8.4	5.7	5.7	5.1	5.1
42.5°	14.7	11.9	9.0	6.2	5.9	5.1	5.1
40°	15.9	12.8	9.8	6.8	6.1	5.1	5.1
37.5°	17.0	13.8	10.5	7.5	6.3	5.1	5.1
35°	18.1	14.7	11.2	8.1	6.5	5.1	5.1
32.5°	19.2	15.5	11.9	8.8	6.7	5.1	5.1
30°	20.8	16.4	12.6	9.4	7.0	5.1	5.1
27.5°	22.3	17.1	13.4	10.0	7.2	5.1	5.1
25°	23.8	17.9	14.2	10.6	7.5	5.1	5.1
22.5°	25.3	18.7	15.0	11.2	7.8	5.1	5.1
20°	26.7	19.6	15.7	11.8	8.0	5.1	5.1
17.5°	28.2	20.5	16.4	12.3	8.3	5.1	5.1
15°	29.6	21.4	17.1	12.8	8.6	5.1	5.1
12.5°	30.9	22.2	17.8	13.3	8.9	5.1	5.1
10°	32.1	23.0	18.4	13.8	9.2	5.1	5.1
7.5°	33.2	23.7	19.0	14.2	9.5	5.1	5.1
5°	34.2	24.4	19.5	14.7	9.7	5.1	5.1
2.5°	35.1	25.0	20.0	15.0	10.0	5.1	5.1
0°	35.8	25.6	20.5	15.4	10.2	5.1	5.1
-2.5°	37.8	26.1	20.9	15.4	10.2	5.1	5.1
-5°	39.6	26.6	21.3	15.3	10.2	5.1	5.1
-7.5°	41.2	27.1	21.6	15.3	10.1	5.1	5.1
-10°	42.5	27.5	21.9	15.2	10.0	5.1	5.1
-12.5°	43.5	27.8	22.0	15.0	10.0	5.1	5.1
-15°	44.2	28.1	22.1	14.9	9.9	5.1	5.1
-17.5°	44.4	28.3	22.1	14.7	9.7	5.1	5.1
-20°	45.5	28.5	21.9	14.5	9.6	5.1	5.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627240 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.5	28.6	21.7	14.2	9.4	5.1	5.1
-25°	50.9	30.5	21.3	13.9	9.2	5.1	5.1
-27.5°	52.7	32.8	20.8	13.6	9.0	5.1	5.1
-30°	54.0	34.9	20.3	13.3	8.8	5.1	5.1
-32.5°	54.7	36.6	21.0	12.9	8.6	5.1	5.1
-35°	56.2	37.9	21.6	12.6	8.4	5.1	5.1
-37.5°	57.7	38.8	21.9	12.2	8.1	5.1	5.1
-40°	58.6	39.1	22.1	11.7	7.8	5.1	5.1
-42.5°	58.9	39.1	22.2	11.5	7.5	5.1	5.1
-45°	58.6	38.8	22.3	11.5	7.2	5.1	5.1
-47.5°	57.7	38.2	22.2	11.5	6.9	5.1	5.1
-50°	56.5	37.4	21.7	11.3	6.6	5.1	5.1
-52.5°	54.9	36.2	21.1	11.1	6.2	5.1	5.1
-55°	53.0	34.7	20.2	10.8	5.8	5.1	5.1
-57.5°	50.6	32.8	19.0	10.4	5.5	5.1	5.1
-60°	47.8	30.6	17.7	9.9	5.1	5.1	5.1
-62.5°	44.0	28.0	16.7	9.4	5.1	5.1	5.1
-65°	39.6	25.0	15.6	8.8	5.1	5.1	5.1
-67.5°	34.8	22.5	14.4	8.1	5.1	5.1	5.1
-70°	29.7	20.5	13.1	7.4	5.1	5.1	5.1
-72.5°	26.2	18.2	11.7	7.2	5.1	5.1	5.1
-75°	22.8	15.9	10.2	7.2	5.1	5.1	5.1
-77.5°	19.3	13.5	9.7	7.1	5.1	5.1	5.1
-80°	15.6	12.1	9.3	7.0	5.1	5.1	5.1
-82.5°	14.1	11.4	8.9	6.8	5.1	5.1	5.1
-85°	12.8	10.6	8.5	6.7	5.1	5.1	5.1
-87.5°	11.5	9.8	8.1	6.5	5.1	5.1	5.1
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(END OF REPORT)