

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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
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-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N92
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

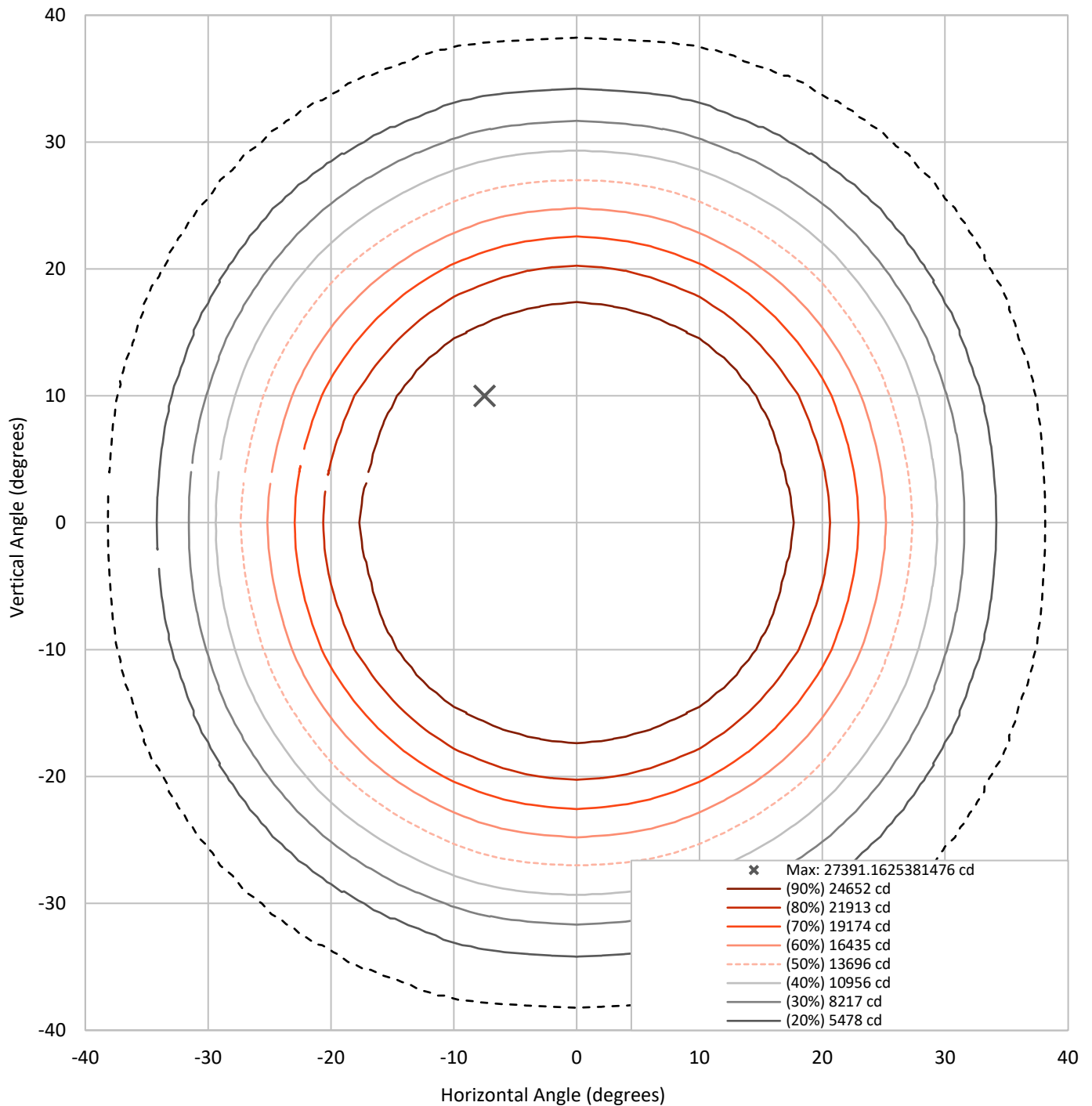
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23312.5 lumens	Max Intensity:	27391.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	138.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	15473.4 lumens	Field Lumens:	20119.9 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

Iso-Candela Plot





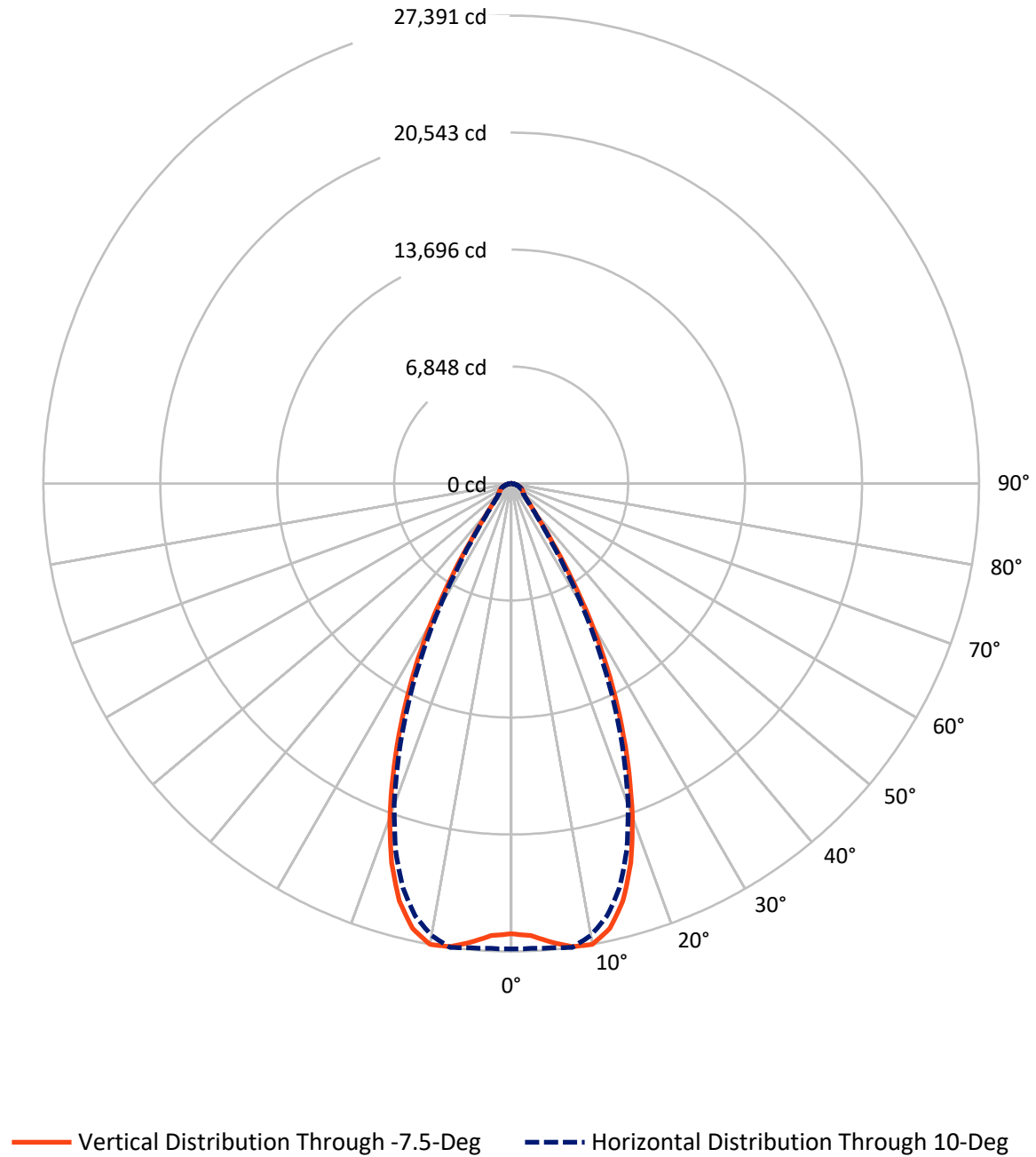
REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

Lumen Table

90	0.6		5.5		14.6		23.1		25.9		23.1		14.6		5.5		0.6		
80	0.6		5.5		14.6		23.1		25.9		23.1		14.6		5.5		0.6		
70	2.5	2.8	5.7	9.3	13.1	15.9	17.9	19.0	19.0	17.9	15.9	13.1	9.3	5.7	2.8	2.5			
60		4.2	8.4	13.5	18.0	21.8	24.3	25.4	25.4	24.3	21.8	18.0	13.5	8.4	4.2				
50	4.4	5.4	10.7	16.3	21.9	28.5	35.8	41.1	41.1	35.8	28.5	21.9	16.3	10.7	5.4	4.4			
40		6.4	12.4	18.8	29.0	53.0	101.4	150.3	150.3	101.4	53.0	29.0	18.8	12.4	6.4				
30	5.7	7.2	13.5	21.9	47.8	149.7	335.8	468.8	468.8	335.8	149.7	47.8	21.9	13.5	7.2	5.7			
20		7.7	14.2	26.0	86.3	319.0	609.3	762.5	762.5	609.3	319.0	86.3	26.0	14.2	7.7				
10	6.1	7.9	14.6	29.3	124.3	436.6	739.1	804.2	804.2	739.1	436.6	124.3	29.3	14.6	7.9	6.1			
0		7.9	14.6	29.3	124.3	436.6	739.1	804.2	804.2	739.1	436.6	124.3	29.3	14.6	7.9				
-10	5.7	7.7	14.2	26.0	86.3	319.0	609.3	762.5	762.5	609.3	319.0	86.3	26.0	14.2	7.7	5.7			
-20		7.2	13.5	21.9	47.8	149.7	335.8	468.8	468.8	335.8	149.7	47.8	21.9	13.5	7.2				
-30	4.4	6.4	12.4	18.8	29.0	53.0	101.4	150.3	150.3	101.4	53.0	29.0	18.8	12.4	6.4	4.4			
-40		5.4	10.7	16.3	21.9	28.5	35.8	41.1	41.1	35.8	28.5	21.9	16.3	10.7	5.4				
-50	2.5	4.2	8.4	13.5	18.0	21.8	24.3	25.4	25.4	24.3	21.8	18.0	13.5	8.4	4.2	2.5			
-60		2.8	5.7	9.3	13.1	15.9	17.9	19.0	19.0	17.9	15.9	13.1	9.3	5.7	2.8				
-70	0.6		5.5		14.6		23.1		25.9		23.1		14.6		5.5		0.6		
-80	0.6		5.5		14.6		23.1		25.9		23.1		14.6		5.5		0.6		
-90	0.6		5.5		14.6		23.1		25.9		23.1		14.6		5.5		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

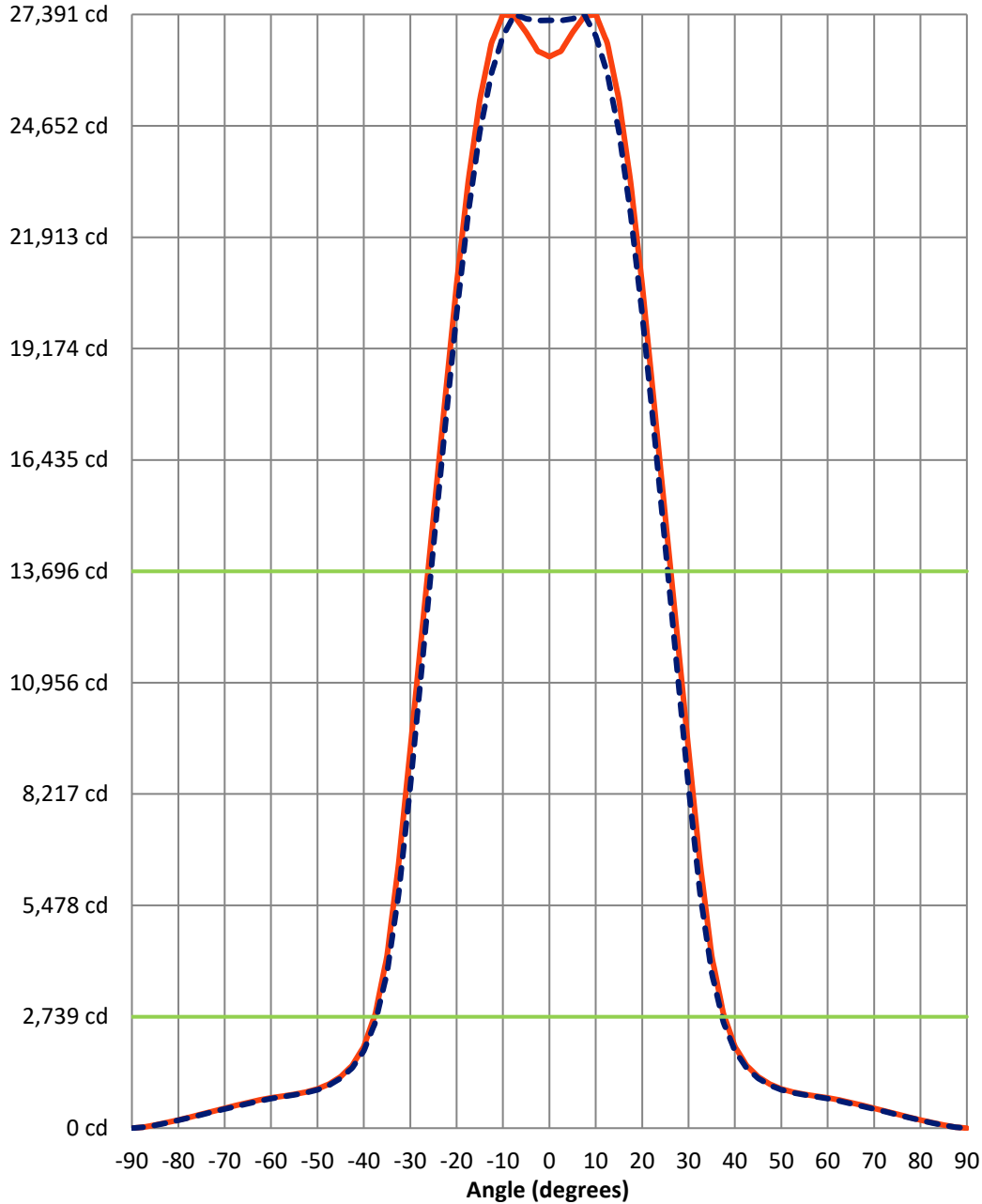
REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 15473.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 20119.9
 Efficiency: 86.3%

Spill:
 Lumens: 3192.6
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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	1.0	2.1	3.1	4.2	5.2	6.2	7.6	9.0	10.6	12.2
85°	0.0	2.1	4.2	6.3	8.3	10.4	12.4	15.1	18.0	21.1	24.3
82.5°	0.0	3.1	6.3	9.4	12.5	15.5	18.6	22.6	27.5	34.7	41.4
80°	0.0	4.2	8.3	12.5	16.6	20.7	25.6	35.3	44.5	53.3	61.5
77.5°	0.0	5.2	10.4	15.5	20.7	27.9	39.0	50.5	61.5	71.8	82.9
75°	0.0	6.2	12.4	18.6	25.6	39.0	52.3	65.6	78.7	93.8	108.6
72.5°	0.0	7.2	14.4	21.6	34.4	50.0	65.4	81.4	99.2	116.8	134.0
70°	0.0	8.2	16.4	25.2	43.1	60.8	78.6	99.2	119.5	139.5	160.6
67.5°	0.0	9.2	18.3	31.7	51.6	71.5	93.6	116.8	139.5	163.0	186.9
65°	0.0	10.1	20.3	38.0	60.0	82.7	108.3	134.0	159.7	186.0	213.8
62.5°	0.0	11.1	22.1	44.1	68.2	94.5	122.6	151.1	179.4	209.1	242.7
60°	0.0	12.0	24.0	50.2	76.3	106.0	136.5	167.7	198.6	234.2	270.9
57.5°	0.0	12.9	27.8	56.1	85.1	117.1	150.4	183.8	219.5	258.5	297.4
55°	0.0	13.8	31.6	61.8	93.6	127.9	164.1	199.6	240.2	282.0	322.8
52.5°	0.0	14.6	35.2	67.4	101.9	138.4	177.5	217.0	260.3	304.2	347.6
50°	0.0	15.4	38.7	72.8	109.8	149.3	190.5	233.9	279.5	325.7	371.5
47.5°	0.0	16.2	42.0	78.1	117.5	159.9	203.3	250.2	297.9	346.5	394.6
45°	0.0	17.0	45.2	83.5	124.8	170.1	216.5	265.7	315.8	366.5	416.9
42.5°	0.0	17.7	48.2	88.7	131.7	179.9	229.2	280.5	332.7	385.6	437.9
40°	0.0	18.4	51.1	93.5	138.7	189.3	241.1	294.5	348.9	403.9	458.2
37.5°	0.0	19.0	53.8	98.0	145.9	198.3	252.4	307.6	364.5	421.6	477.7
35°	0.0	19.7	56.3	102.2	152.7	207.1	263.0	320.0	379.4	438.1	495.8
32.5°	0.0	20.2	58.6	106.1	159.1	215.4	272.9	331.4	393.5	453.5	511.8
30°	0.0	20.8	60.8	109.8	165.1	223.1	282.1	342.2	406.8	467.7	526.6
27.5°	0.0	21.3	62.8	113.2	170.4	230.2	290.4	352.8	418.9	480.6	540.4
25°	0.0	21.8	64.6	116.2	175.2	236.6	298.1	362.7	429.4	492.0	553.0
22.5°	0.0	22.2	66.2	119.0	179.6	242.4	304.9	371.6	438.9	502.2	564.4
20°	0.0	22.6	67.6	121.4	183.5	247.2	310.9	379.8	447.3	511.2	574.5
17.5°	0.0	22.9	68.8	123.5	186.9	251.5	316.4	387.0	454.5	519.1	583.4
15°	0.0	23.2	69.8	125.4	189.8	255.2	321.4	393.4	460.7	525.9	591.1
12.5°	0.0	23.4	70.6	126.9	192.2	258.2	325.6	399.2	466.2	531.5	597.4
10°	0.0	23.6	71.3	128.0	194.1	260.6	329.1	403.9	470.9	536.8	602.7
7.5°	0.0	23.8	71.7	128.9	195.4	262.3	331.9	407.6	474.6	541.1	607.5
5°	0.0	23.9	72.0	129.4	196.3	263.4	333.9	410.2	477.3	544.1	610.9
2.5°	0.0	24.0	72.0	129.6	196.7	263.9	335.2	411.8	478.9	545.9	612.9
0°	0.0	24.0	71.9	129.4	196.5	263.7	335.6	412.3	479.4	546.5	613.6
-2.5°	0.0	24.0	72.0	129.6	196.7	263.9	335.2	411.8	478.9	545.9	612.9
-5°	0.0	23.9	72.0	129.4	196.3	263.4	333.9	410.2	477.3	544.1	610.9
-7.5°	0.0	23.8	71.7	128.9	195.4	262.3	331.9	407.6	474.6	541.1	607.5
-10°	0.0	23.6	71.3	128.0	194.1	260.6	329.1	403.9	470.9	536.8	602.7
-12.5°	0.0	23.4	70.6	126.9	192.2	258.2	325.6	399.2	466.2	531.5	597.4
-15°	0.0	23.2	69.8	125.4	189.8	255.2	321.4	393.4	460.7	525.9	591.1
-17.5°	0.0	22.9	68.8	123.5	186.9	251.5	316.4	387.0	454.5	519.1	583.4
-20°	0.0	22.6	67.6	121.4	183.5	247.2	310.9	379.8	447.3	511.2	574.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.2	66.2	119.0	179.6	242.4	304.9	371.6	438.9	502.2	564.4
-25°	0.0	21.8	64.6	116.2	175.2	236.6	298.1	362.7	429.4	492.0	553.0
-27.5°	0.0	21.3	62.8	113.2	170.4	230.2	290.4	352.8	418.9	480.6	540.4
-30°	0.0	20.8	60.8	109.8	165.1	223.1	282.1	342.2	406.8	467.7	526.6
-32.5°	0.0	20.2	58.6	106.1	159.1	215.4	272.9	331.4	393.5	453.5	511.8
-35°	0.0	19.7	56.3	102.2	152.7	207.1	263.0	320.0	379.4	438.1	495.8
-37.5°	0.0	19.0	53.8	98.0	145.9	198.3	252.4	307.6	364.5	421.6	477.7
-40°	0.0	18.4	51.1	93.5	138.7	189.3	241.1	294.5	348.9	403.9	458.2
-42.5°	0.0	17.7	48.2	88.7	131.7	179.9	229.2	280.5	332.7	385.6	437.9
-45°	0.0	17.0	45.2	83.5	124.8	170.1	216.5	265.7	315.8	366.5	416.9
-47.5°	0.0	16.2	42.0	78.1	117.5	159.9	203.3	250.2	297.9	346.5	394.6
-50°	0.0	15.4	38.7	72.8	109.8	149.3	190.5	233.9	279.5	325.7	371.5
-52.5°	0.0	14.6	35.2	67.4	101.9	138.4	177.5	217.0	260.3	304.2	347.6
-55°	0.0	13.8	31.6	61.8	93.6	127.9	164.1	199.6	240.2	282.0	322.8
-57.5°	0.0	12.9	27.8	56.1	85.1	117.1	150.4	183.8	219.5	258.5	297.4
-60°	0.0	12.0	24.0	50.2	76.3	106.0	136.5	167.7	198.6	234.2	270.9
-62.5°	0.0	11.1	22.1	44.1	68.2	94.5	122.6	151.1	179.4	209.1	242.7
-65°	0.0	10.1	20.3	38.0	60.0	82.7	108.3	134.0	159.7	186.0	213.8
-67.5°	0.0	9.2	18.3	31.7	51.6	71.5	93.6	116.8	139.5	163.0	186.9
-70°	0.0	8.2	16.4	25.2	43.1	60.8	78.6	99.2	119.5	139.5	160.6
-72.5°	0.0	7.2	14.4	21.6	34.4	50.0	65.4	81.4	99.2	116.8	134.0
-75°	0.0	6.2	12.4	18.6	25.6	39.0	52.3	65.6	78.7	93.8	108.6
-77.5°	0.0	5.2	10.4	15.5	20.7	27.9	39.0	50.5	61.5	71.8	82.9
-80°	0.0	4.2	8.3	12.5	16.6	20.7	25.6	35.3	44.5	53.3	61.5
-82.5°	0.0	3.1	6.3	9.4	12.5	15.5	18.6	22.6	27.5	34.7	41.4
-85°	0.0	2.1	4.2	6.3	8.3	10.4	12.4	15.1	18.0	21.1	24.3
-87.5°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.6	9.0	10.6	12.2
-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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	13.3	14.4	15.5	16.5	17.5	18.5	19.5	20.4	21.2	22.1	22.8
85°	26.6	28.8	32.6	36.5	40.2	43.8	47.3	50.6	53.8	56.8	59.7
82.5°	47.5	53.7	60.1	66.5	72.2	77.6	82.9	88.3	93.7	99.2	104.5
80°	69.9	78.5	88.4	97.8	106.1	113.9	121.5	128.7	136.6	145.1	153.6
77.5°	95.7	108.0	119.6	130.5	140.9	152.3	163.4	174.0	185.0	195.9	206.4
75°	123.4	137.4	152.2	166.8	181.0	194.7	208.1	221.8	235.6	249.3	262.4
72.5°	151.9	169.8	187.3	204.3	221.9	239.0	255.6	271.6	288.0	304.8	320.9
70°	181.6	202.0	223.5	244.3	264.1	284.1	304.4	323.9	342.9	362.4	381.7
67.5°	211.5	237.1	261.4	284.4	307.8	331.4	354.2	377.5	400.1	422.7	444.4
65°	244.5	272.5	299.0	325.4	351.9	379.6	406.5	432.5	458.7	484.0	506.8
62.5°	276.8	306.5	335.9	365.9	397.5	428.6	458.0	487.9	518.3	544.8	567.9
60°	306.5	339.5	372.4	406.6	441.5	474.9	508.0	540.4	573.1	603.6	622.4
57.5°	335.2	371.7	408.1	445.0	481.8	519.1	553.8	589.4	619.8	645.5	667.3
55°	363.2	402.8	441.6	480.2	520.0	559.0	596.7	630.6	660.3	681.8	702.8
52.5°	390.4	432.2	472.2	514.0	556.3	597.6	637.0	668.5	692.9	714.8	734.4
50°	416.7	459.3	501.5	546.9	591.5	635.2	672.3	699.9	724.6	746.0	766.6
47.5°	441.5	485.8	531.0	578.7	625.6	667.9	702.0	730.8	756.1	779.1	803.5
45°	465.2	512.3	560.1	609.3	657.2	698.1	730.9	761.9	785.6	811.6	839.6
42.5°	488.4	537.8	587.9	638.7	687.1	725.3	758.1	786.5	814.3	845.2	878.9
40°	510.3	561.8	614.0	667.0	715.3	749.1	781.2	811.3	845.2	881.8	920.9
37.5°	530.9	584.4	638.6	693.6	735.9	770.8	803.7	837.3	876.6	919.0	972.2
35°	550.2	605.4	661.4	714.2	754.5	791.4	825.5	863.0	908.9	964.3	1032.4
32.5°	568.0	624.8	682.5	730.9	771.6	810.0	845.0	891.7	946.9	1012.9	1109.2
30°	584.5	642.6	700.5	747.3	787.0	825.6	868.2	920.8	985.3	1081.6	1204.9
27.5°	599.7	658.8	714.6	761.0	800.8	840.5	890.3	954.2	1039.2	1154.0	1307.2
25°	613.7	674.2	728.1	772.4	813.6	857.6	911.8	983.6	1095.3	1243.6	1450.7
22.5°	626.4	688.1	741.1	782.4	825.5	873.3	936.4	1026.3	1155.0	1328.3	1595.3
20°	637.7	698.7	750.8	791.7	836.6	886.2	958.4	1066.7	1222.0	1446.4	1787.3
17.5°	647.6	707.9	758.1	800.7	847.3	900.9	979.8	1101.8	1281.6	1549.5	1981.4
15°	656.1	715.8	764.2	808.4	856.7	917.7	1009.6	1147.6	1350.7	1656.7	2150.5
12.5°	663.2	722.3	769.3	814.7	864.4	931.7	1035.1	1190.9	1422.5	1788.4	2399.7
10°	668.7	727.4	773.1	819.5	870.5	943.0	1055.8	1226.2	1482.0	1902.4	2612.2
7.5°	673.9	731.1	775.8	823.0	874.8	951.3	1071.5	1253.5	1527.6	1992.0	2780.5
5°	677.7	733.4	777.3	824.9	878.4	956.8	1082.3	1272.4	1559.1	2056.0	2898.8
2.5°	679.9	734.1	777.5	825.4	881.1	959.3	1087.8	1282.8	1583.8	2086.3	2962.5
0°	680.7	733.4	776.6	824.5	882.0	958.7	1088.2	1284.7	1596.3	2085.2	2972.1
-2.5°	679.9	734.1	777.5	825.4	881.1	959.3	1087.8	1282.8	1583.8	2086.3	2962.5
-5°	677.7	733.4	777.3	824.9	878.4	956.8	1082.3	1272.4	1559.1	2056.0	2898.8
-7.5°	673.9	731.1	775.8	823.0	874.8	951.3	1071.5	1253.5	1527.6	1992.0	2780.5
-10°	668.7	727.4	773.1	819.5	870.5	943.0	1055.8	1226.2	1482.0	1902.4	2612.2
-12.5°	663.2	722.3	769.3	814.7	864.4	931.7	1035.1	1190.9	1422.5	1788.4	2399.7
-15°	656.1	715.8	764.2	808.4	856.7	917.7	1009.6	1147.6	1350.7	1656.7	2150.5
-17.5°	647.6	707.9	758.1	800.7	847.3	900.9	979.8	1101.8	1281.6	1549.5	1981.4
-20°	637.7	698.7	750.8	791.7	836.6	886.2	958.4	1066.7	1222.0	1446.4	1787.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	626.4	688.1	741.1	782.4	825.5	873.3	936.4	1026.3	1155.0	1328.3	1595.3
-25°	613.7	674.2	728.1	772.4	813.6	857.6	911.8	983.6	1095.3	1243.6	1450.7
-27.5°	599.7	658.8	714.6	761.0	800.8	840.5	890.3	954.2	1039.2	1154.0	1307.2
-30°	584.5	642.6	700.5	747.3	787.0	825.6	868.2	920.8	985.3	1081.6	1204.9
-32.5°	568.0	624.8	682.5	730.9	771.6	810.0	845.0	891.7	946.9	1012.9	1109.2
-35°	550.2	605.4	661.4	714.2	754.5	791.4	825.5	863.0	908.9	964.3	1032.4
-37.5°	530.9	584.4	638.6	693.6	735.9	770.8	803.7	837.3	876.6	919.0	972.2
-40°	510.3	561.8	614.0	667.0	715.3	749.1	781.2	811.3	845.2	881.8	920.9
-42.5°	488.4	537.8	587.9	638.7	687.1	725.3	758.1	786.5	814.3	845.2	878.9
-45°	465.2	512.3	560.1	609.3	657.2	698.1	730.9	761.9	785.6	811.6	839.6
-47.5°	441.5	485.8	531.0	578.7	625.6	667.9	702.0	730.8	756.1	779.1	803.5
-50°	416.7	459.3	501.5	546.9	591.5	635.2	672.3	699.9	724.6	746.0	766.6
-52.5°	390.4	432.2	472.2	514.0	556.3	597.6	637.0	668.5	692.9	714.8	734.4
-55°	363.2	402.8	441.6	480.2	520.0	559.0	596.7	630.6	660.3	681.8	702.8
-57.5°	335.2	371.7	408.1	445.0	481.8	519.1	553.8	589.4	619.8	645.5	667.3
-60°	306.5	339.5	372.4	406.6	441.5	474.9	508.0	540.4	573.1	603.6	622.4
-62.5°	276.8	306.5	335.9	365.9	397.5	428.6	458.0	487.9	518.3	544.8	567.9
-65°	244.5	272.5	299.0	325.4	351.9	379.6	406.5	432.5	458.7	484.0	506.8
-67.5°	211.5	237.1	261.4	284.4	307.8	331.4	354.2	377.5	400.1	422.7	444.4
-70°	181.6	202.0	223.5	244.3	264.1	284.1	304.4	323.9	342.9	362.4	381.7
-72.5°	151.9	169.8	187.3	204.3	221.9	239.0	255.6	271.6	288.0	304.8	320.9
-75°	123.4	137.4	152.2	166.8	181.0	194.7	208.1	221.8	235.6	249.3	262.4
-77.5°	95.7	108.0	119.6	130.5	140.9	152.3	163.4	174.0	185.0	195.9	206.4
-80°	69.9	78.5	88.4	97.8	106.1	113.9	121.5	128.7	136.6	145.1	153.6
-82.5°	47.5	53.7	60.1	66.5	72.2	77.6	82.9	88.3	93.7	99.2	104.5
-85°	26.6	28.8	32.6	36.5	40.2	43.8	47.3	50.6	53.8	56.8	59.7
-87.5°	13.3	14.4	15.5	16.5	17.5	18.5	19.5	20.4	21.2	22.1	22.8
-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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	23.6	23.3	22.9	22.4	21.8	23.3	24.8	26.3	27.8	27.0	26.0
85°	62.4	63.8	65.0	66.0	66.8	69.8	72.7	75.4	77.9	77.8	77.5
82.5°	109.8	113.3	116.3	119.1	121.5	125.0	128.1	130.8	133.1	134.8	136.3
80°	161.8	167.5	172.4	176.9	180.9	185.5	189.8	193.6	196.9	198.7	199.8
77.5°	216.7	225.1	232.6	239.7	246.5	253.2	259.3	264.8	269.5	270.6	270.4
75°	274.9	286.1	296.7	306.5	315.5	323.3	329.8	335.4	339.9	342.1	343.3
72.5°	336.2	350.0	362.5	373.7	383.3	391.3	398.2	404.2	409.3	412.5	414.4
70°	400.1	416.5	429.2	439.8	448.0	455.9	464.9	473.4	481.4	485.9	487.6
67.5°	464.2	481.2	492.9	502.5	510.0	517.9	529.1	539.2	548.2	554.3	558.2
65°	526.9	544.8	556.6	565.8	572.7	580.6	593.1	603.1	610.8	616.9	622.4
62.5°	588.9	607.0	620.0	630.9	641.0	649.6	660.0	668.4	675.0	681.0	687.8
60°	642.6	664.0	677.7	688.8	701.3	714.8	722.4	728.7	734.2	739.0	743.2
57.5°	686.5	705.6	723.2	736.5	749.5	762.0	771.0	776.9	781.7	785.3	786.7
55°	723.3	742.9	762.6	777.0	789.8	801.5	811.3	819.0	825.5	830.5	831.7
52.5°	756.2	778.2	797.5	814.2	831.1	844.9	855.7	866.2	875.4	882.8	886.0
50°	791.9	815.1	839.2	861.5	879.5	895.2	908.3	923.2	938.8	951.7	959.9
47.5°	829.6	856.3	885.4	912.8	934.1	957.4	979.2	1001.3	1030.4	1054.8	1072.9
45°	869.0	903.3	936.4	971.3	1000.7	1044.7	1085.6	1120.7	1167.4	1209.7	1243.3
42.5°	915.5	958.1	998.9	1054.8	1113.3	1173.4	1238.4	1293.8	1366.8	1441.0	1501.0
40°	970.6	1025.1	1096.8	1171.8	1264.2	1346.9	1459.1	1559.0	1671.0	1812.5	1929.5
37.5°	1036.9	1120.9	1220.6	1325.2	1469.3	1606.8	1792.3	1987.7	2165.0	2437.3	2666.3
35°	1123.0	1240.4	1371.8	1556.9	1760.8	2018.7	2307.9	2685.4	3009.1	3468.3	3907.1
32.5°	1233.9	1384.9	1599.5	1885.3	2186.6	2654.8	3113.8	3769.3	4376.2	5104.0	5889.4
30°	1357.4	1587.2	1915.0	2307.0	2869.1	3557.9	4367.1	5373.8	6475.5	7498.4	8506.3
27.5°	1536.4	1865.7	2296.3	2928.8	3804.9	4768.5	6186.3	7552.8	8978.5	10245.8	11302.8
25°	1745.4	2180.5	2846.4	3777.8	4962.5	6612.7	8309.9	9996.4	11529.7	12856.4	14024.3
22.5°	2015.2	2641.0	3528.8	4735.1	6580.1	8557.8	10548.0	12408.3	14043.8	15521.2	16785.4
20°	2308.7	3091.8	4359.5	6158.5	8268.3	10521.5	12768.8	14750.3	16551.1	18226.3	19651.1
17.5°	2680.7	3777.4	5382.8	7540.8	9980.1	12448.8	14809.7	16960.0	19003.2	20775.8	22264.4
15°	2997.7	4381.1	6476.4	9007.4	11645.8	14250.0	16742.4	19078.2	21202.3	23021.1	24420.6
12.5°	3420.6	5057.8	7447.3	10268.2	13127.3	15867.5	18492.8	20907.0	23068.6	24867.3	25956.8
10°	3820.3	5758.3	8385.8	11327.5	14297.9	17217.5	20020.6	22496.6	24503.6	25934.4	26862.9
7.5°	4160.1	6360.4	9149.2	12183.8	15228.0	18280.5	21117.9	23527.0	25377.5	26572.5	27218.8
5°	4413.9	6810.5	9715.9	12879.6	16003.4	19109.4	21924.8	24186.3	25785.7	26673.4	26997.9
2.5°	4575.6	7074.8	10044.7	13336.2	16522.4	19634.0	22478.2	24704.3	26061.3	26649.6	26705.6
0°	4640.3	7109.0	10095.4	13575.6	16653.2	19783.4	22635.6	24917.4	26163.8	26647.9	26638.3
-2.5°	4575.6	7074.8	10044.7	13336.2	16522.4	19634.0	22478.2	24704.3	26061.3	26649.6	26705.6
-5°	4413.9	6810.5	9715.9	12879.6	16003.4	19109.4	21924.8	24186.3	25785.7	26673.4	26997.9
-7.5°	4160.1	6360.4	9149.2	12183.8	15228.0	18280.5	21117.9	23527.0	25377.5	26572.5	27218.8
-10°	3820.3	5758.3	8385.8	11327.5	14297.9	17217.5	20020.6	22496.6	24503.6	25934.4	26862.9
-12.5°	3420.6	5057.8	7447.3	10268.2	13127.3	15867.5	18492.8	20907.0	23068.6	24867.3	25956.8
-15°	2997.7	4381.1	6476.4	9007.4	11645.8	14250.0	16742.4	19078.2	21202.3	23021.1	24420.6
-17.5°	2680.7	3777.4	5382.8	7540.8	9980.1	12448.8	14809.7	16960.0	19003.2	20775.8	22264.4
-20°	2308.7	3091.8	4359.5	6158.5	8268.3	10521.5	12768.8	14750.3	16551.1	18226.3	19651.1



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2015.2	2641.0	3528.8	4735.1	6580.1	8557.8	10548.0	12408.3	14043.8	15521.2	16785.4
-25°	1745.4	2180.5	2846.4	3777.8	4962.5	6612.7	8309.9	9996.4	11529.7	12856.4	14024.3
-27.5°	1536.4	1865.7	2296.3	2928.8	3804.9	4768.5	6186.3	7552.8	8978.5	10245.8	11302.8
-30°	1357.4	1587.2	1915.0	2307.0	2869.1	3557.9	4367.1	5373.8	6475.5	7498.4	8506.3
-32.5°	1233.9	1384.9	1599.5	1885.3	2186.6	2654.8	3113.8	3769.3	4376.2	5104.0	5889.4
-35°	1123.0	1240.4	1371.8	1556.9	1760.8	2018.7	2307.9	2685.4	3009.1	3468.3	3907.1
-37.5°	1036.9	1120.9	1220.6	1325.2	1469.3	1606.8	1792.3	1987.7	2165.0	2437.3	2666.3
-40°	970.6	1025.1	1096.8	1171.8	1264.2	1346.9	1459.1	1559.0	1671.0	1812.5	1929.5
-42.5°	915.5	958.1	998.9	1054.8	1113.3	1173.4	1238.4	1293.8	1366.8	1441.0	1501.0
-45°	869.0	903.3	936.4	971.3	1000.7	1044.7	1085.6	1120.7	1167.4	1209.7	1243.3
-47.5°	829.6	856.3	885.4	912.8	934.1	957.4	979.2	1001.3	1030.4	1054.8	1072.9
-50°	791.9	815.1	839.2	861.5	879.5	895.2	908.3	923.2	938.8	951.7	959.9
-52.5°	756.2	778.2	797.5	814.2	831.1	844.9	855.7	866.2	875.4	882.8	886.0
-55°	723.3	742.9	762.6	777.0	789.8	801.5	811.3	819.0	825.5	830.5	831.7
-57.5°	686.5	705.6	723.2	736.5	749.5	762.0	771.0	776.9	781.7	785.3	786.7
-60°	642.6	664.0	677.7	688.8	701.3	714.8	722.4	728.7	734.2	739.0	743.2
-62.5°	588.9	607.0	620.0	630.9	641.0	649.6	660.0	668.4	675.0	681.0	687.8
-65°	526.9	544.8	556.6	565.8	572.7	580.6	593.1	603.1	610.8	616.9	622.4
-67.5°	464.2	481.2	492.9	502.5	510.0	517.9	529.1	539.2	548.2	554.3	558.2
-70°	400.1	416.5	429.2	439.8	448.0	455.9	464.9	473.4	481.4	485.9	487.6
-72.5°	336.2	350.0	362.5	373.7	383.3	391.3	398.2	404.2	409.3	412.5	414.4
-75°	274.9	286.1	296.7	306.5	315.5	323.3	329.8	335.4	339.9	342.1	343.3
-77.5°	216.7	225.1	232.6	239.7	246.5	253.2	259.3	264.8	269.5	270.6	270.4
-80°	161.8	167.5	172.4	176.9	180.9	185.5	189.8	193.6	196.9	198.7	199.8
-82.5°	109.8	113.3	116.3	119.1	121.5	125.0	128.1	130.8	133.1	134.8	136.3
-85°	62.4	63.8	65.0	66.0	66.8	69.8	72.7	75.4	77.9	77.8	77.5
-87.5°	23.6	23.3	22.9	22.4	21.8	23.3	24.8	26.3	27.8	27.0	26.0
-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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	25.0	23.9	24.0	24.0	24.0	23.9	25.0	26.0	27.0	27.8	26.3
85°	77.0	76.3	74.2	71.9	74.2	76.3	77.0	77.5	77.8	77.9	75.4
82.5°	137.4	138.3	136.4	134.2	136.4	138.3	137.4	136.3	134.8	133.1	130.8
80°	200.4	200.4	198.7	196.5	198.7	200.4	200.4	199.8	198.7	196.9	193.6
77.5°	269.2	267.3	268.1	268.4	268.1	267.3	269.2	270.4	270.6	269.5	264.8
75°	343.8	343.5	342.3	340.3	342.3	343.5	343.8	343.3	342.1	339.9	335.4
72.5°	415.3	415.3	414.3	412.3	414.3	415.3	415.3	414.4	412.5	409.3	404.2
70°	488.0	487.2	488.4	489.0	488.4	487.2	488.0	487.6	485.9	481.4	473.4
67.5°	561.2	563.1	562.8	560.9	562.8	563.1	561.2	558.2	554.3	548.2	539.2
65°	626.8	630.1	632.1	632.8	632.1	630.1	626.8	622.4	616.9	610.8	603.1
62.5°	693.1	696.9	697.1	695.1	697.1	696.9	693.1	687.8	681.0	675.0	668.4
60°	745.5	746.1	745.2	743.0	745.2	746.1	745.5	743.2	739.0	734.2	728.7
57.5°	786.7	785.4	783.7	781.4	783.7	785.4	786.7	786.7	785.3	781.7	776.9
55°	831.0	828.7	826.8	824.5	826.8	828.7	831.0	831.7	830.5	825.5	819.0
52.5°	886.7	885.4	884.1	882.0	884.1	885.4	886.7	886.0	882.8	875.4	866.2
50°	964.1	965.3	965.1	963.5	965.1	965.3	964.1	959.9	951.7	938.8	923.2
47.5°	1084.4	1090.8	1095.1	1097.7	1095.1	1090.8	1084.4	1072.9	1054.8	1030.4	1001.3
45°	1264.8	1277.6	1286.7	1294.3	1286.7	1277.6	1264.8	1243.3	1209.7	1167.4	1120.7
42.5°	1543.2	1571.8	1585.4	1581.9	1585.4	1571.8	1543.2	1501.0	1441.0	1366.8	1293.8
40°	2007.3	2053.6	2079.2	2099.6	2079.2	2053.6	2007.3	1929.5	1812.5	1671.0	1559.0
37.5°	2822.7	2912.5	2959.8	3000.8	2959.8	2912.5	2822.7	2666.3	2437.3	2165.0	1987.7
35°	4235.0	4437.0	4545.1	4582.7	4545.1	4437.0	4235.0	3907.1	3468.3	3009.1	2685.4
32.5°	6500.6	6873.2	7079.2	7238.4	7079.2	6873.2	6500.6	5889.4	5104.0	4376.2	3769.3
30°	9304.5	9795.2	10067.8	10200.9	10067.8	9795.2	9304.5	8506.3	7498.4	6475.5	5373.8
27.5°	12178.9	12736.8	13030.6	13014.8	13030.6	12736.8	12178.9	11302.8	10245.8	8978.5	7552.8
25°	15025.4	15671.6	15964.4	16226.5	15964.4	15671.6	15025.4	14024.3	12856.4	11529.7	9996.4
22.5°	17904.4	18660.0	19072.4	19265.7	19072.4	18660.0	17904.4	16785.4	15521.2	14043.8	12408.3
20°	20749.1	21590.3	22028.1	22218.6	22028.1	21590.3	20749.1	19651.1	18226.3	16551.1	14750.3
17.5°	23272.1	24093.3	24510.5	24687.3	24510.5	24093.3	23272.1	22264.4	20775.8	19003.2	16960.0
15°	25286.7	25892.4	26247.1	26341.1	26247.1	25892.4	25286.7	24420.6	23021.1	21202.3	19078.2
12.5°	26679.2	26913.9	27084.5	27136.9	27084.5	26913.9	26679.2	25956.8	24867.3	23068.6	20907.0
10°	27391.2	27285.3	27241.5	27247.1	27241.5	27285.3	27391.2	26862.9	25934.4	24503.6	22496.6
7.5°	27342.2	27185.4	26870.7	26820.5	26870.7	27185.4	27342.2	27218.8	26572.5	25377.5	23527.0
5°	26949.4	26664.0	26141.4	25991.2	26141.4	26664.0	26949.4	26997.9	26673.4	25785.7	24186.3
2.5°	26491.6	25977.1	25495.7	25185.9	25495.7	25977.1	26491.6	26705.6	26649.6	26061.3	24704.3
0°	26355.5	25761.1	25137.9	24936.6	25137.9	25761.1	26355.5	26638.3	26647.9	26163.8	24917.4
-2.5°	26491.6	25977.1	25495.7	25185.9	25495.7	25977.1	26491.6	26705.6	26649.6	26061.3	24704.3
-5°	26949.4	26664.0	26141.4	25991.2	26141.4	26664.0	26949.4	26997.9	26673.4	25785.7	24186.3
-7.5°	27342.2	27185.4	26870.7	26820.5	26870.7	27185.4	27342.2	27218.8	26572.5	25377.5	23527.0
-10°	27391.2	27285.3	27241.5	27247.1	27241.5	27285.3	27391.2	26862.9	25934.4	24503.6	22496.6
-12.5°	26679.2	26913.9	27084.5	27136.9	27084.5	26913.9	26679.2	25956.8	24867.3	23068.6	20907.0
-15°	25286.7	25892.4	26247.1	26341.1	26247.1	25892.4	25286.7	24420.6	23021.1	21202.3	19078.2
-17.5°	23272.1	24093.3	24510.5	24687.3	24510.5	24093.3	23272.1	22264.4	20775.8	19003.2	16960.0
-20°	20749.1	21590.3	22028.1	22218.6	22028.1	21590.3	20749.1	19651.1	18226.3	16551.1	14750.3



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17904.4	18660.0	19072.4	19265.7	19072.4	18660.0	17904.4	16785.4	15521.2	14043.8	12408.3
-25°	15025.4	15671.6	15964.4	16226.5	15964.4	15671.6	15025.4	14024.3	12856.4	11529.7	9996.4
-27.5°	12178.9	12736.8	13030.6	13014.8	13030.6	12736.8	12178.9	11302.8	10245.8	8978.5	7552.8
-30°	9304.5	9795.2	10067.8	10200.9	10067.8	9795.2	9304.5	8506.3	7498.4	6475.5	5373.8
-32.5°	6500.6	6873.2	7079.2	7238.4	7079.2	6873.2	6500.6	5889.4	5104.0	4376.2	3769.3
-35°	4235.0	4437.0	4545.1	4582.7	4545.1	4437.0	4235.0	3907.1	3468.3	3009.1	2685.4
-37.5°	2822.7	2912.5	2959.8	3000.8	2959.8	2912.5	2822.7	2666.3	2437.3	2165.0	1987.7
-40°	2007.3	2053.6	2079.2	2099.6	2079.2	2053.6	2007.3	1929.5	1812.5	1671.0	1559.0
-42.5°	1543.2	1571.8	1585.4	1581.9	1585.4	1571.8	1543.2	1501.0	1441.0	1366.8	1293.8
-45°	1264.8	1277.6	1286.7	1294.3	1286.7	1277.6	1264.8	1243.3	1209.7	1167.4	1120.7
-47.5°	1084.4	1090.8	1095.1	1097.7	1095.1	1090.8	1084.4	1072.9	1054.8	1030.4	1001.3
-50°	964.1	965.3	965.1	963.5	965.1	965.3	964.1	959.9	951.7	938.8	923.2
-52.5°	886.7	885.4	884.1	882.0	884.1	885.4	886.7	886.0	882.8	875.4	866.2
-55°	831.0	828.7	826.8	824.5	826.8	828.7	831.0	831.7	830.5	825.5	819.0
-57.5°	786.7	785.4	783.7	781.4	783.7	785.4	786.7	786.7	785.3	781.7	776.9
-60°	745.5	746.1	745.2	743.0	745.2	746.1	745.5	743.2	739.0	734.2	728.7
-62.5°	693.1	696.9	697.1	695.1	697.1	696.9	693.1	687.8	681.0	675.0	668.4
-65°	626.8	630.1	632.1	632.8	632.1	630.1	626.8	622.4	616.9	610.8	603.1
-67.5°	561.2	563.1	562.8	560.9	562.8	563.1	561.2	558.2	554.3	548.2	539.2
-70°	488.0	487.2	488.4	489.0	488.4	487.2	488.0	487.6	485.9	481.4	473.4
-72.5°	415.3	415.3	414.3	412.3	414.3	415.3	415.3	414.4	412.5	409.3	404.2
-75°	343.8	343.5	342.3	340.3	342.3	343.5	343.8	343.3	342.1	339.9	335.4
-77.5°	269.2	267.3	268.1	268.4	268.1	267.3	269.2	270.4	270.6	269.5	264.8
-80°	200.4	200.4	198.7	196.5	198.7	200.4	200.4	199.8	198.7	196.9	193.6
-82.5°	137.4	138.3	136.4	134.2	136.4	138.3	137.4	136.3	134.8	133.1	130.8
-85°	77.0	76.3	74.2	71.9	74.2	76.3	77.0	77.5	77.8	77.9	75.4
-87.5°	25.0	23.9	24.0	24.0	24.0	23.9	25.0	26.0	27.0	27.8	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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	24.8	23.3	21.8	22.4	22.9	23.3	23.6	22.8	22.1	21.2	20.4
85°	72.7	69.8	66.8	66.0	65.0	63.8	62.4	59.7	56.8	53.8	50.6
82.5°	128.1	125.0	121.5	119.1	116.3	113.3	109.8	104.5	99.2	93.7	88.3
80°	189.8	185.5	180.9	176.9	172.4	167.5	161.8	153.6	145.1	136.6	128.7
77.5°	259.3	253.2	246.5	239.7	232.6	225.1	216.7	206.4	195.9	185.0	174.0
75°	329.8	323.3	315.5	306.5	296.7	286.1	274.9	262.4	249.3	235.6	221.8
72.5°	398.2	391.3	383.3	373.7	362.5	350.0	336.2	320.9	304.8	288.0	271.6
70°	464.9	455.9	448.0	439.8	429.2	416.5	400.1	381.7	362.4	342.9	323.9
67.5°	529.1	517.9	510.0	502.5	492.9	481.2	464.2	444.4	422.7	400.1	377.5
65°	593.1	580.6	572.7	565.8	556.6	544.8	526.9	506.8	484.0	458.7	432.5
62.5°	660.0	649.6	641.0	630.9	620.0	607.0	588.9	567.9	544.8	518.3	487.9
60°	722.4	714.8	701.3	688.8	677.7	664.0	642.6	622.4	603.6	573.1	540.4
57.5°	771.0	762.0	749.5	736.5	723.2	705.6	686.5	667.3	645.5	619.8	589.4
55°	811.3	801.5	789.8	777.0	762.6	742.9	723.3	702.8	681.8	660.3	630.6
52.5°	855.7	844.9	831.1	814.2	797.5	778.2	756.2	734.4	714.8	692.9	668.5
50°	908.3	895.2	879.5	861.5	839.2	815.1	791.9	766.6	746.0	724.6	699.9
47.5°	979.2	957.4	934.1	912.8	885.4	856.3	829.6	803.5	779.1	756.1	730.8
45°	1085.6	1044.7	1000.7	971.3	936.4	903.3	869.0	839.6	811.6	785.6	761.9
42.5°	1238.4	1173.4	1113.3	1054.8	998.9	958.1	915.5	878.9	845.2	814.3	786.5
40°	1459.1	1346.9	1264.2	1171.8	1096.8	1025.1	970.6	920.9	881.8	845.2	811.3
37.5°	1792.3	1606.8	1469.3	1325.2	1220.6	1120.9	1036.9	972.2	919.0	876.6	837.3
35°	2307.9	2018.7	1760.8	1556.9	1371.8	1240.4	1123.0	1032.4	964.3	908.9	863.0
32.5°	3113.8	2654.8	2186.6	1885.3	1599.5	1384.9	1233.9	1109.2	1012.9	946.9	891.7
30°	4367.1	3557.9	2869.1	2307.0	1915.0	1587.2	1357.4	1204.9	1081.6	985.3	920.8
27.5°	6186.3	4768.5	3804.9	2928.8	2296.3	1865.7	1536.4	1307.2	1154.0	1039.2	954.2
25°	8309.9	6612.7	4962.5	3777.8	2846.4	2180.5	1745.4	1450.7	1243.6	1095.3	983.6
22.5°	10548.0	8557.8	6580.1	4735.1	3528.8	2641.0	2015.2	1595.3	1328.3	1155.0	1026.3
20°	12768.8	10521.5	8268.3	6158.5	4359.5	3091.8	2308.7	1787.3	1446.4	1222.0	1066.7
17.5°	14809.7	12448.8	9980.1	7540.8	5382.8	3777.4	2680.7	1981.4	1549.5	1281.6	1101.8
15°	16742.4	14250.0	11645.8	9007.4	6476.4	4381.1	2997.7	2150.5	1656.7	1350.7	1147.6
12.5°	18492.8	15867.5	13127.3	10268.2	7447.3	5057.8	3420.6	2399.7	1788.4	1422.5	1190.9
10°	20020.6	17217.5	14297.9	11327.5	8385.8	5758.3	3820.3	2612.2	1902.4	1482.0	1226.2
7.5°	21117.9	18280.5	15228.0	12183.8	9149.2	6360.4	4160.1	2780.5	1992.0	1527.6	1253.5
5°	21924.8	19109.4	16003.4	12879.6	9715.9	6810.5	4413.9	2898.8	2056.0	1559.1	1272.4
2.5°	22478.2	19634.0	16522.4	13336.2	10044.7	7074.8	4575.6	2962.5	2086.3	1583.8	1282.8
0°	22635.6	19783.4	16653.2	13575.6	10095.4	7109.0	4640.3	2972.1	2085.2	1596.3	1284.7
-2.5°	22478.2	19634.0	16522.4	13336.2	10044.7	7074.8	4575.6	2962.5	2086.3	1583.8	1282.8
-5°	21924.8	19109.4	16003.4	12879.6	9715.9	6810.5	4413.9	2898.8	2056.0	1559.1	1272.4
-7.5°	21117.9	18280.5	15228.0	12183.8	9149.2	6360.4	4160.1	2780.5	1992.0	1527.6	1253.5
-10°	20020.6	17217.5	14297.9	11327.5	8385.8	5758.3	3820.3	2612.2	1902.4	1482.0	1226.2
-12.5°	18492.8	15867.5	13127.3	10268.2	7447.3	5057.8	3420.6	2399.7	1788.4	1422.5	1190.9
-15°	16742.4	14250.0	11645.8	9007.4	6476.4	4381.1	2997.7	2150.5	1656.7	1350.7	1147.6
-17.5°	14809.7	12448.8	9980.1	7540.8	5382.8	3777.4	2680.7	1981.4	1549.5	1281.6	1101.8
-20°	12768.8	10521.5	8268.3	6158.5	4359.5	3091.8	2308.7	1787.3	1446.4	1222.0	1066.7



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10548.0	8557.8	6580.1	4735.1	3528.8	2641.0	2015.2	1595.3	1328.3	1155.0	1026.3
-25°	8309.9	6612.7	4962.5	3777.8	2846.4	2180.5	1745.4	1450.7	1243.6	1095.3	983.6
-27.5°	6186.3	4768.5	3804.9	2928.8	2296.3	1865.7	1536.4	1307.2	1154.0	1039.2	954.2
-30°	4367.1	3557.9	2869.1	2307.0	1915.0	1587.2	1357.4	1204.9	1081.6	985.3	920.8
-32.5°	3113.8	2654.8	2186.6	1885.3	1599.5	1384.9	1233.9	1109.2	1012.9	946.9	891.7
-35°	2307.9	2018.7	1760.8	1556.9	1371.8	1240.4	1123.0	1032.4	964.3	908.9	863.0
-37.5°	1792.3	1606.8	1469.3	1325.2	1220.6	1120.9	1036.9	972.2	919.0	876.6	837.3
-40°	1459.1	1346.9	1264.2	1171.8	1096.8	1025.1	970.6	920.9	881.8	845.2	811.3
-42.5°	1238.4	1173.4	1113.3	1054.8	998.9	958.1	915.5	878.9	845.2	814.3	786.5
-45°	1085.6	1044.7	1000.7	971.3	936.4	903.3	869.0	839.6	811.6	785.6	761.9
-47.5°	979.2	957.4	934.1	912.8	885.4	856.3	829.6	803.5	779.1	756.1	730.8
-50°	908.3	895.2	879.5	861.5	839.2	815.1	791.9	766.6	746.0	724.6	699.9
-52.5°	855.7	844.9	831.1	814.2	797.5	778.2	756.2	734.4	714.8	692.9	668.5
-55°	811.3	801.5	789.8	777.0	762.6	742.9	723.3	702.8	681.8	660.3	630.6
-57.5°	771.0	762.0	749.5	736.5	723.2	705.6	686.5	667.3	645.5	619.8	589.4
-60°	722.4	714.8	701.3	688.8	677.7	664.0	642.6	622.4	603.6	573.1	540.4
-62.5°	660.0	649.6	641.0	630.9	620.0	607.0	588.9	567.9	544.8	518.3	487.9
-65°	593.1	580.6	572.7	565.8	556.6	544.8	526.9	506.8	484.0	458.7	432.5
-67.5°	529.1	517.9	510.0	502.5	492.9	481.2	464.2	444.4	422.7	400.1	377.5
-70°	464.9	455.9	448.0	439.8	429.2	416.5	400.1	381.7	362.4	342.9	323.9
-72.5°	398.2	391.3	383.3	373.7	362.5	350.0	336.2	320.9	304.8	288.0	271.6
-75°	329.8	323.3	315.5	306.5	296.7	286.1	274.9	262.4	249.3	235.6	221.8
-77.5°	259.3	253.2	246.5	239.7	232.6	225.1	216.7	206.4	195.9	185.0	174.0
-80°	189.8	185.5	180.9	176.9	172.4	167.5	161.8	153.6	145.1	136.6	128.7
-82.5°	128.1	125.0	121.5	119.1	116.3	113.3	109.8	104.5	99.2	93.7	88.3
-85°	72.7	69.8	66.8	66.0	65.0	63.8	62.4	59.7	56.8	53.8	50.6
-87.5°	24.8	23.3	21.8	22.4	22.9	23.3	23.6	22.8	22.1	21.2	20.4
-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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	19.5	18.5	17.5	16.5	15.5	14.4	13.3	12.2	10.6	9.0	7.6
85°	47.3	43.8	40.2	36.5	32.6	28.8	26.6	24.3	21.1	18.0	15.1
82.5°	82.9	77.6	72.2	66.5	60.1	53.7	47.5	41.4	34.7	27.5	22.6
80°	121.5	113.9	106.1	97.8	88.4	78.5	69.9	61.5	53.3	44.5	35.3
77.5°	163.4	152.3	140.9	130.5	119.6	108.0	95.7	82.9	71.8	61.5	50.5
75°	208.1	194.7	181.0	166.8	152.2	137.4	123.4	108.6	93.8	78.7	65.6
72.5°	255.6	239.0	221.9	204.3	187.3	169.8	151.9	134.0	116.8	99.2	81.4
70°	304.4	284.1	264.1	244.3	223.5	202.0	181.6	160.6	139.5	119.5	99.2
67.5°	354.2	331.4	307.8	284.4	261.4	237.1	211.5	186.9	163.0	139.5	116.8
65°	406.5	379.6	351.9	325.4	299.0	272.5	244.5	213.8	186.0	159.7	134.0
62.5°	458.0	428.6	397.5	365.9	335.9	306.5	276.8	242.7	209.1	179.4	151.1
60°	508.0	474.9	441.5	406.6	372.4	339.5	306.5	270.9	234.2	198.6	167.7
57.5°	553.8	519.1	481.8	445.0	408.1	371.7	335.2	297.4	258.5	219.5	183.8
55°	596.7	559.0	520.0	480.2	441.6	402.8	363.2	322.8	282.0	240.2	199.6
52.5°	637.0	597.6	556.3	514.0	472.2	432.2	390.4	347.6	304.2	260.3	217.0
50°	672.3	635.2	591.5	546.9	501.5	459.3	416.7	371.5	325.7	279.5	233.9
47.5°	702.0	667.9	625.6	578.7	531.0	485.8	441.5	394.6	346.5	297.9	250.2
45°	730.9	698.1	657.2	609.3	560.1	512.3	465.2	416.9	366.5	315.8	265.7
42.5°	758.1	725.3	687.1	638.7	587.9	537.8	488.4	437.9	385.6	332.7	280.5
40°	781.2	749.1	715.3	667.0	614.0	561.8	510.3	458.2	403.9	348.9	294.5
37.5°	803.7	770.8	735.9	693.6	638.6	584.4	530.9	477.7	421.6	364.5	307.6
35°	825.5	791.4	754.5	714.2	661.4	605.4	550.2	495.8	438.1	379.4	320.0
32.5°	845.0	810.0	771.6	730.9	682.5	624.8	568.0	511.8	453.5	393.5	331.4
30°	868.2	825.6	787.0	747.3	700.5	642.6	584.5	526.6	467.7	406.8	342.2
27.5°	890.3	840.5	800.8	761.0	714.6	658.8	599.7	540.4	480.6	418.9	352.8
25°	911.8	857.6	813.6	772.4	728.1	674.2	613.7	553.0	492.0	429.4	362.7
22.5°	936.4	873.3	825.5	782.4	741.1	688.1	626.4	564.4	502.2	438.9	371.6
20°	958.4	886.2	836.6	791.7	750.8	698.7	637.7	574.5	511.2	447.3	379.8
17.5°	979.8	900.9	847.3	800.7	758.1	707.9	647.6	583.4	519.1	454.5	387.0
15°	1009.6	917.7	856.7	808.4	764.2	715.8	656.1	591.1	525.9	460.7	393.4
12.5°	1035.1	931.7	864.4	814.7	769.3	722.3	663.2	597.4	531.5	466.2	399.2
10°	1055.8	943.0	870.5	819.5	773.1	727.4	668.7	602.7	536.8	470.9	403.9
7.5°	1071.5	951.3	874.8	823.0	775.8	731.1	673.9	607.5	541.1	474.6	407.6
5°	1082.3	956.8	878.4	824.9	777.3	733.4	677.7	610.9	544.1	477.3	410.2
2.5°	1087.8	959.3	881.1	825.4	777.5	734.1	679.9	612.9	545.9	478.9	411.8
0°	1088.2	958.7	882.0	824.5	776.6	733.4	680.7	613.6	546.5	479.4	412.3
-2.5°	1087.8	959.3	881.1	825.4	777.5	734.1	679.9	612.9	545.9	478.9	411.8
-5°	1082.3	956.8	878.4	824.9	777.3	733.4	677.7	610.9	544.1	477.3	410.2
-7.5°	1071.5	951.3	874.8	823.0	775.8	731.1	673.9	607.5	541.1	474.6	407.6
-10°	1055.8	943.0	870.5	819.5	773.1	727.4	668.7	602.7	536.8	470.9	403.9
-12.5°	1035.1	931.7	864.4	814.7	769.3	722.3	663.2	597.4	531.5	466.2	399.2
-15°	1009.6	917.7	856.7	808.4	764.2	715.8	656.1	591.1	525.9	460.7	393.4
-17.5°	979.8	900.9	847.3	800.7	758.1	707.9	647.6	583.4	519.1	454.5	387.0
-20°	958.4	886.2	836.6	791.7	750.8	698.7	637.7	574.5	511.2	447.3	379.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	936.4	873.3	825.5	782.4	741.1	688.1	626.4	564.4	502.2	438.9	371.6
-25°	911.8	857.6	813.6	772.4	728.1	674.2	613.7	553.0	492.0	429.4	362.7
-27.5°	890.3	840.5	800.8	761.0	714.6	658.8	599.7	540.4	480.6	418.9	352.8
-30°	868.2	825.6	787.0	747.3	700.5	642.6	584.5	526.6	467.7	406.8	342.2
-32.5°	845.0	810.0	771.6	730.9	682.5	624.8	568.0	511.8	453.5	393.5	331.4
-35°	825.5	791.4	754.5	714.2	661.4	605.4	550.2	495.8	438.1	379.4	320.0
-37.5°	803.7	770.8	735.9	693.6	638.6	584.4	530.9	477.7	421.6	364.5	307.6
-40°	781.2	749.1	715.3	667.0	614.0	561.8	510.3	458.2	403.9	348.9	294.5
-42.5°	758.1	725.3	687.1	638.7	587.9	537.8	488.4	437.9	385.6	332.7	280.5
-45°	730.9	698.1	657.2	609.3	560.1	512.3	465.2	416.9	366.5	315.8	265.7
-47.5°	702.0	667.9	625.6	578.7	531.0	485.8	441.5	394.6	346.5	297.9	250.2
-50°	672.3	635.2	591.5	546.9	501.5	459.3	416.7	371.5	325.7	279.5	233.9
-52.5°	637.0	597.6	556.3	514.0	472.2	432.2	390.4	347.6	304.2	260.3	217.0
-55°	596.7	559.0	520.0	480.2	441.6	402.8	363.2	322.8	282.0	240.2	199.6
-57.5°	553.8	519.1	481.8	445.0	408.1	371.7	335.2	297.4	258.5	219.5	183.8
-60°	508.0	474.9	441.5	406.6	372.4	339.5	306.5	270.9	234.2	198.6	167.7
-62.5°	458.0	428.6	397.5	365.9	335.9	306.5	276.8	242.7	209.1	179.4	151.1
-65°	406.5	379.6	351.9	325.4	299.0	272.5	244.5	213.8	186.0	159.7	134.0
-67.5°	354.2	331.4	307.8	284.4	261.4	237.1	211.5	186.9	163.0	139.5	116.8
-70°	304.4	284.1	264.1	244.3	223.5	202.0	181.6	160.6	139.5	119.5	99.2
-72.5°	255.6	239.0	221.9	204.3	187.3	169.8	151.9	134.0	116.8	99.2	81.4
-75°	208.1	194.7	181.0	166.8	152.2	137.4	123.4	108.6	93.8	78.7	65.6
-77.5°	163.4	152.3	140.9	130.5	119.6	108.0	95.7	82.9	71.8	61.5	50.5
-80°	121.5	113.9	106.1	97.8	88.4	78.5	69.9	61.5	53.3	44.5	35.3
-82.5°	82.9	77.6	72.2	66.5	60.1	53.7	47.5	41.4	34.7	27.5	22.6
-85°	47.3	43.8	40.2	36.5	32.6	28.8	26.6	24.3	21.1	18.0	15.1
-87.5°	19.5	18.5	17.5	16.5	15.5	14.4	13.3	12.2	10.6	9.0	7.6
-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: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MWR-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°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
85°	12.4	10.4	8.3	6.3	4.2	2.1	0.0
82.5°	18.6	15.5	12.5	9.4	6.3	3.1	0.0
80°	25.6	20.7	16.6	12.5	8.3	4.2	0.0
77.5°	39.0	27.9	20.7	15.5	10.4	5.2	0.0
75°	52.3	39.0	25.6	18.6	12.4	6.2	0.0
72.5°	65.4	50.0	34.4	21.6	14.4	7.2	0.0
70°	78.6	60.8	43.1	25.2	16.4	8.2	0.0
67.5°	93.6	71.5	51.6	31.7	18.3	9.2	0.0
65°	108.3	82.7	60.0	38.0	20.3	10.1	0.0
62.5°	122.6	94.5	68.2	44.1	22.1	11.1	0.0
60°	136.5	106.0	76.3	50.2	24.0	12.0	0.0
57.5°	150.4	117.1	85.1	56.1	27.8	12.9	0.0
55°	164.1	127.9	93.6	61.8	31.6	13.8	0.0
52.5°	177.5	138.4	101.9	67.4	35.2	14.6	0.0
50°	190.5	149.3	109.8	72.8	38.7	15.4	0.0
47.5°	203.3	159.9	117.5	78.1	42.0	16.2	0.0
45°	216.5	170.1	124.8	83.5	45.2	17.0	0.0
42.5°	229.2	179.9	131.7	88.7	48.2	17.7	0.0
40°	241.1	189.3	138.7	93.5	51.1	18.4	0.0
37.5°	252.4	198.3	145.9	98.0	53.8	19.0	0.0
35°	263.0	207.1	152.7	102.2	56.3	19.7	0.0
32.5°	272.9	215.4	159.1	106.1	58.6	20.2	0.0
30°	282.1	223.1	165.1	109.8	60.8	20.8	0.0
27.5°	290.4	230.2	170.4	113.2	62.8	21.3	0.0
25°	298.1	236.6	175.2	116.2	64.6	21.8	0.0
22.5°	304.9	242.4	179.6	119.0	66.2	22.2	0.0
20°	310.9	247.2	183.5	121.4	67.6	22.6	0.0
17.5°	316.4	251.5	186.9	123.5	68.8	22.9	0.0
15°	321.4	255.2	189.8	125.4	69.8	23.2	0.0
12.5°	325.6	258.2	192.2	126.9	70.6	23.4	0.0
10°	329.1	260.6	194.1	128.0	71.3	23.6	0.0
7.5°	331.9	262.3	195.4	128.9	71.7	23.8	0.0
5°	333.9	263.4	196.3	129.4	72.0	23.9	0.0
2.5°	335.2	263.9	196.7	129.6	72.0	24.0	0.0
0°	335.6	263.7	196.5	129.4	71.9	24.0	0.0
-2.5°	335.2	263.9	196.7	129.6	72.0	24.0	0.0
-5°	333.9	263.4	196.3	129.4	72.0	23.9	0.0
-7.5°	331.9	262.3	195.4	128.9	71.7	23.8	0.0
-10°	329.1	260.6	194.1	128.0	71.3	23.6	0.0
-12.5°	325.6	258.2	192.2	126.9	70.6	23.4	0.0
-15°	321.4	255.2	189.8	125.4	69.8	23.2	0.0
-17.5°	316.4	251.5	186.9	123.5	68.8	22.9	0.0
-20°	310.9	247.2	183.5	121.4	67.6	22.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627387 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	304.9	242.4	179.6	119.0	66.2	22.2	0.0
-25°	298.1	236.6	175.2	116.2	64.6	21.8	0.0
-27.5°	290.4	230.2	170.4	113.2	62.8	21.3	0.0
-30°	282.1	223.1	165.1	109.8	60.8	20.8	0.0
-32.5°	272.9	215.4	159.1	106.1	58.6	20.2	0.0
-35°	263.0	207.1	152.7	102.2	56.3	19.7	0.0
-37.5°	252.4	198.3	145.9	98.0	53.8	19.0	0.0
-40°	241.1	189.3	138.7	93.5	51.1	18.4	0.0
-42.5°	229.2	179.9	131.7	88.7	48.2	17.7	0.0
-45°	216.5	170.1	124.8	83.5	45.2	17.0	0.0
-47.5°	203.3	159.9	117.5	78.1	42.0	16.2	0.0
-50°	190.5	149.3	109.8	72.8	38.7	15.4	0.0
-52.5°	177.5	138.4	101.9	67.4	35.2	14.6	0.0
-55°	164.1	127.9	93.6	61.8	31.6	13.8	0.0
-57.5°	150.4	117.1	85.1	56.1	27.8	12.9	0.0
-60°	136.5	106.0	76.3	50.2	24.0	12.0	0.0
-62.5°	122.6	94.5	68.2	44.1	22.1	11.1	0.0
-65°	108.3	82.7	60.0	38.0	20.3	10.1	0.0
-67.5°	93.6	71.5	51.6	31.7	18.3	9.2	0.0
-70°	78.6	60.8	43.1	25.2	16.4	8.2	0.0
-72.5°	65.4	50.0	34.4	21.6	14.4	7.2	0.0
-75°	52.3	39.0	25.6	18.6	12.4	6.2	0.0
-77.5°	39.0	27.9	20.7	15.5	10.4	5.2	0.0
-80°	25.6	20.7	16.6	12.5	8.3	4.2	0.0
-82.5°	18.6	15.5	12.5	9.4	6.3	3.1	0.0
-85°	12.4	10.4	8.3	6.3	4.2	2.1	0.0
-87.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)