

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: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-730-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N115
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

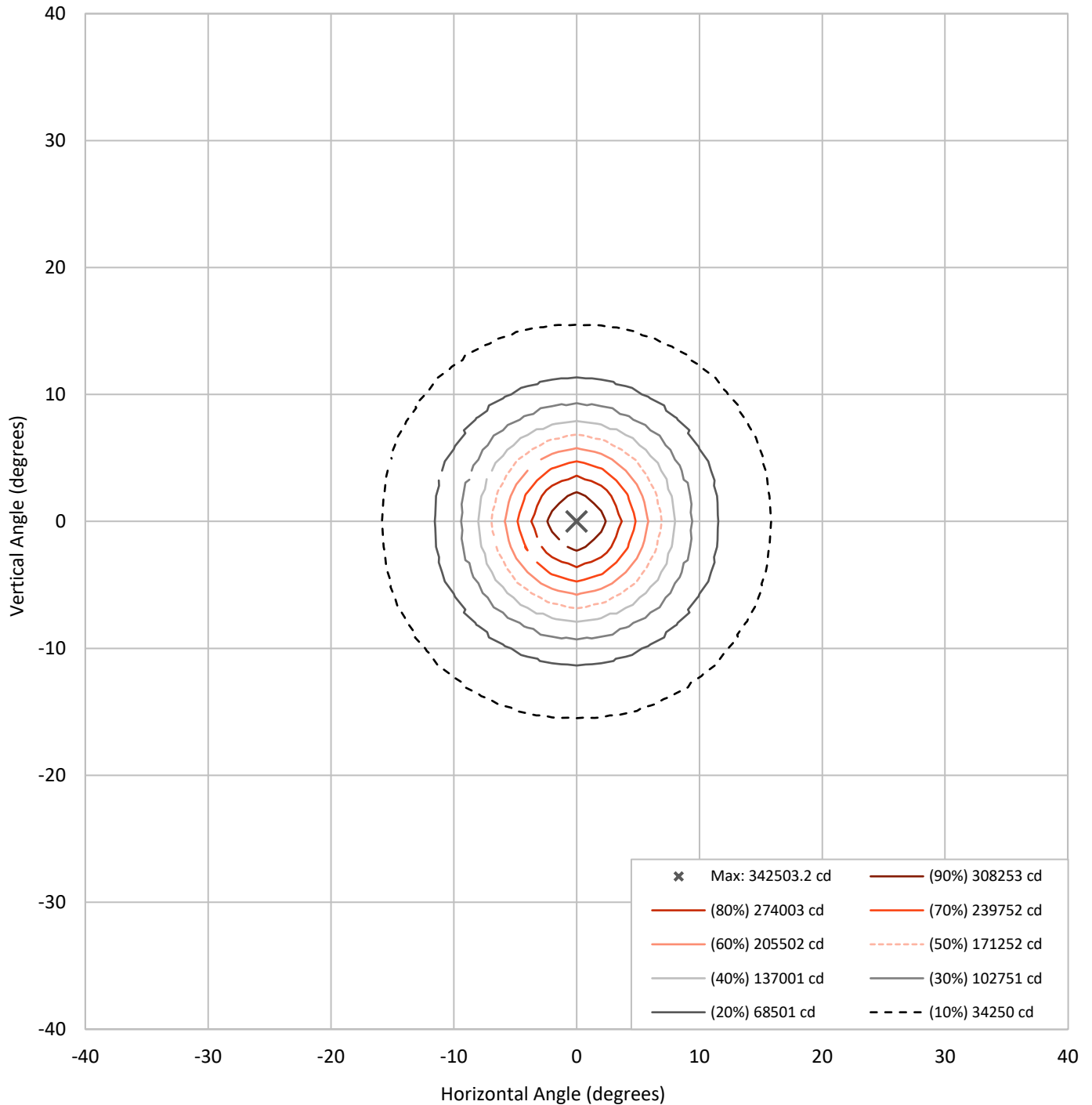
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	36368.8 lumens	Max Intensity:	342503.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	10752.6 lumens	Field Lumens:	24197.9 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	271.3		
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		



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Iso-Candela Plot





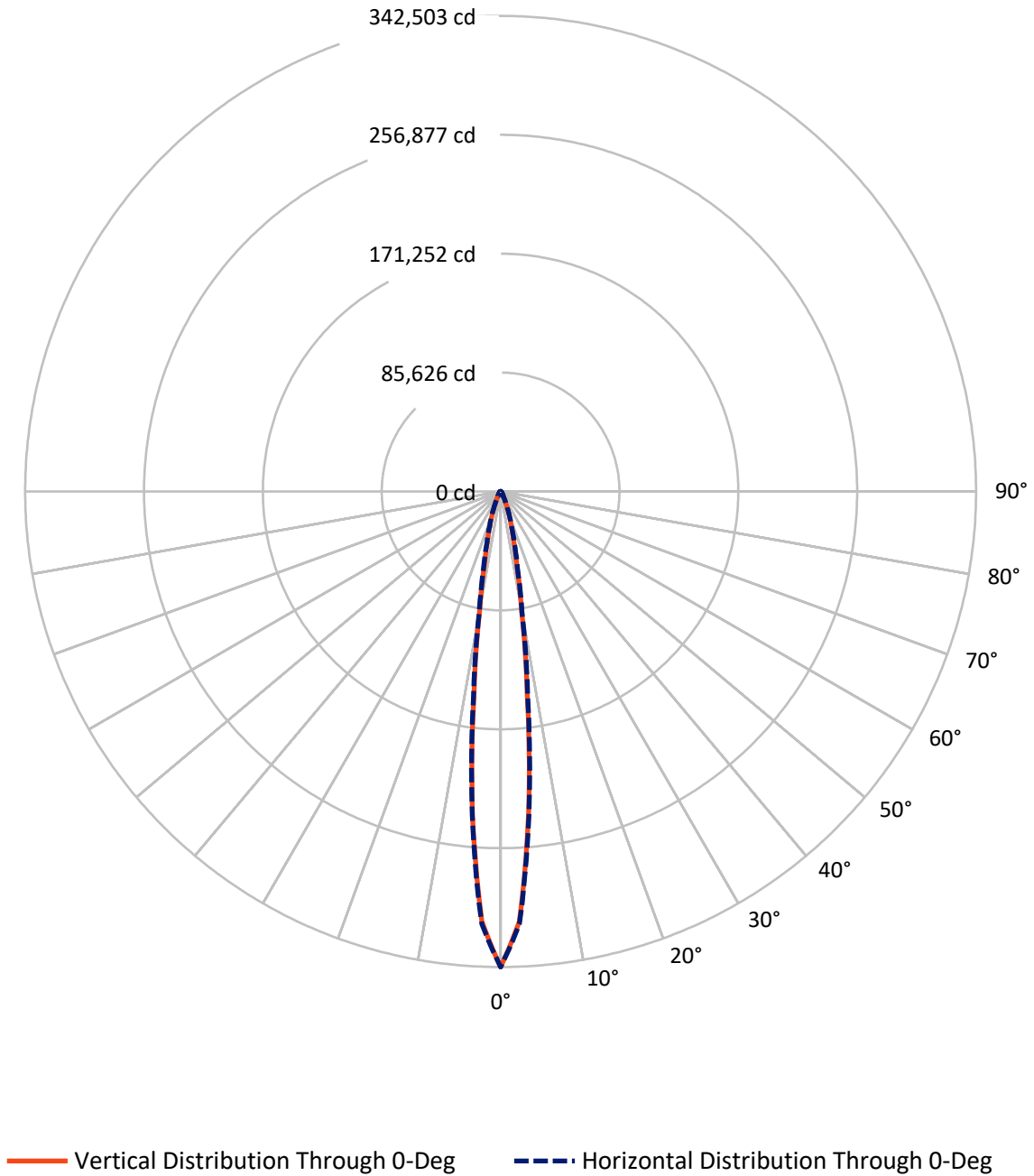
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Lumen Table

90	0.6	5.0		13.1		21.2		23.1		21.2		13.1		5.0		0.6			
80	0.6	5.0		13.1		21.2		23.1		21.2		13.1		5.0		0.6			
70	2.3	2.5	5.2	8.6	12.2	14.9	16.8	17.5	17.5	16.8	14.9	12.2	8.6	5.2	2.5	2.3			
60		3.9	7.9	12.8	17.2	21.0	23.5	24.5	24.5	23.5	21.0	17.2	12.8	7.9	3.9				
50	4.0	5.0	10.2	15.8	21.0	26.4	31.1	33.6	33.6	31.1	26.4	21.0	15.8	10.2	5.0	4.0			
40		6.1	12.0	18.2	25.9	37.2	52.4	64.9	64.9	52.4	37.2	25.9	18.2	12.0	6.1				
30	5.1	6.9	13.1	20.6	33.5	66.5	151.3	250.5	250.5	151.3	66.5	33.5	20.6	13.1	6.9	5.1			
20		7.3	13.8	22.7	44.4	141.1	501.0	1079.1	1079.1	501.0	141.1	44.4	22.7	13.8	7.3				
10	5.5	7.6	14.1	24.1	53.7	232.5	1089.2	4705.1	4705.1	1089.2	232.5	53.7	24.1	14.1	7.6	5.5			
0		7.6	14.1	24.1	53.7	232.5	1089.2	4705.1	4705.1	1089.2	232.5	53.7	24.1	14.1	7.6				
-10	5.1	7.3	13.8	22.7	44.4	141.1	501.0	1079.1	1079.1	501.0	141.1	44.4	22.7	13.8	7.3	5.1			
-20		6.9	13.1	20.6	33.5	66.5	151.3	250.5	250.5	151.3	66.5	33.5	20.6	13.1	6.9				
-30	4.0	6.1	12.0	18.2	25.9	37.2	52.4	64.9	64.9	52.4	37.2	25.9	18.2	12.0	6.1	4.0			
-40		5.0	10.2	15.8	21.0	26.4	31.1	33.6	33.6	31.1	26.4	21.0	15.8	10.2	5.0				
-50	2.3	3.9	7.9	12.8	17.2	21.0	23.5	24.5	24.5	23.5	21.0	17.2	12.8	7.9	3.9	2.3			
-60		2.5	5.2	8.6	12.2	14.9	16.8	17.5	17.5	16.8	14.9	12.2	8.6	5.2	2.5				
-70	0.6	5.0		13.1		21.2		23.1		21.2		13.1		5.0		0.6			
-80		5.0		13.1		21.2		23.1		21.2		13.1		5.0					
-90	0.6	5.0		13.1		21.2		23.1		21.2		13.1		5.0		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

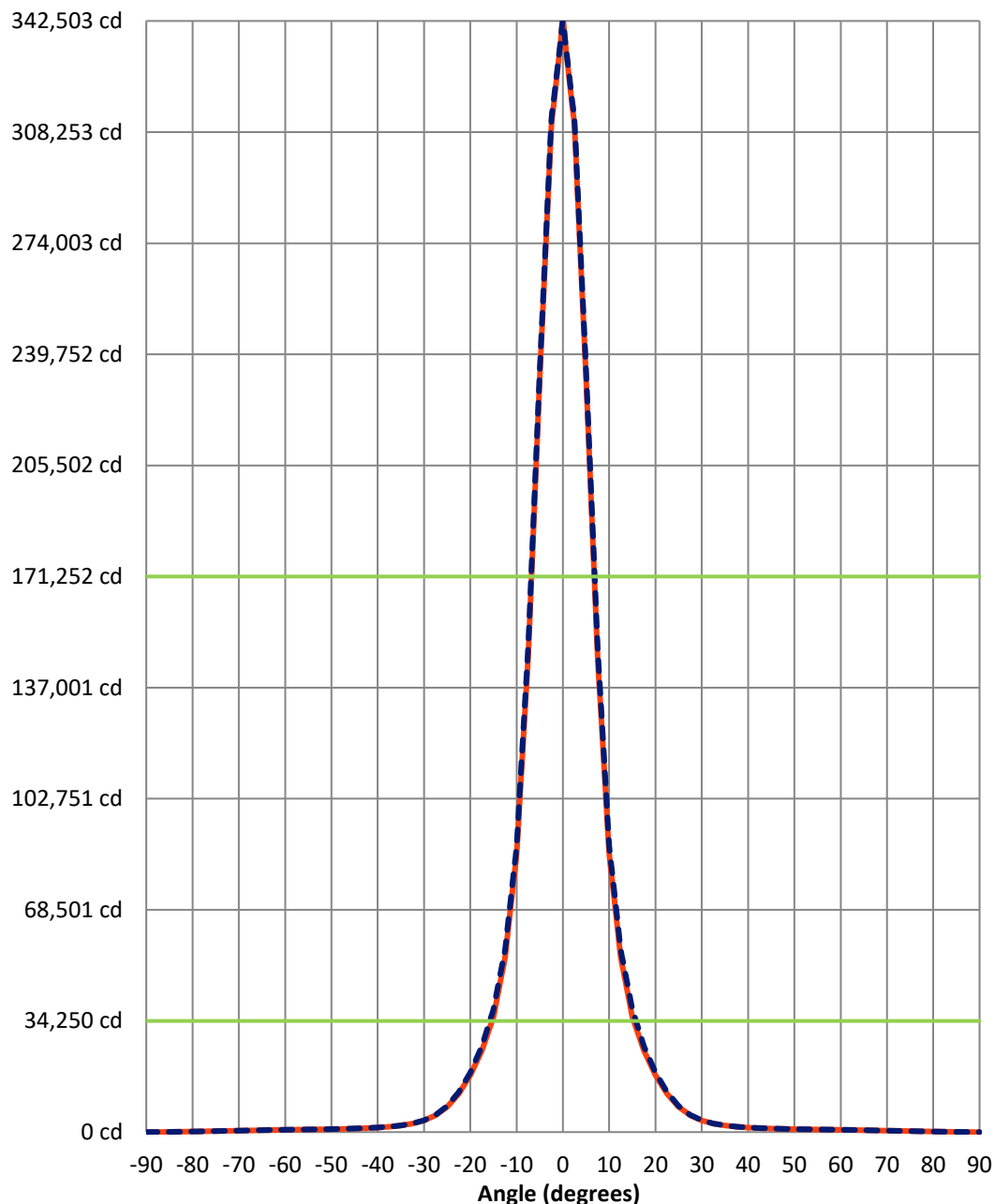
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 10752.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 24197.9
 Efficiency: 66.5%

Spill:
 Lumens: 12171
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
85°	0.0	2.2	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
82.5°	0.0	3.3	7.6	11.5	15.3	19.0	22.8	26.5	30.4	35.8	41.1
80°	0.0	4.5	10.2	15.3	20.3	25.3	30.7	38.1	45.3	52.5	59.5
77.5°	0.0	5.5	12.6	19.0	25.3	32.5	41.8	51.1	60.1	69.0	78.5
75°	0.0	6.6	15.1	22.8	30.6	41.3	52.8	64.0	75.0	87.4	99.7
72.5°	0.0	7.7	17.5	26.5	37.3	50.0	63.6	77.3	91.9	106.4	120.6
70°	0.0	8.7	19.8	30.3	43.8	58.4	74.4	91.9	108.6	125.2	143.8
67.5°	0.0	9.7	22.0	34.9	50.2	66.7	86.6	106.4	125.2	146.4	167.2
65°	0.0	10.7	24.2	39.4	56.5	75.8	98.7	120.6	143.8	167.2	191.8
62.5°	0.0	11.7	26.4	43.9	62.5	85.6	110.5	136.0	162.0	188.5	219.3
60°	0.0	12.6	28.4	48.1	68.4	95.2	122.0	151.7	179.9	212.1	246.0
57.5°	0.0	13.5	31.0	52.3	75.8	104.6	134.7	166.9	199.4	235.1	271.9
55°	0.0	14.4	33.6	56.3	83.1	113.7	147.2	181.5	218.8	257.2	296.8
52.5°	0.0	15.2	36.1	60.1	90.1	122.7	159.3	197.3	237.4	278.4	320.7
50°	0.0	16.0	38.6	63.8	96.9	132.5	171.0	212.7	255.2	298.7	343.7
47.5°	0.0	16.7	41.0	67.6	103.5	141.9	182.5	227.5	272.2	318.0	366.2
45°	0.0	17.4	43.3	72.3	109.8	150.9	194.7	241.8	288.6	337.7	388.1
42.5°	0.0	18.1	45.5	76.8	115.7	159.5	206.4	255.5	304.2	356.9	409.5
40°	0.0	18.7	47.6	81.2	121.9	167.7	217.6	268.5	319.6	375.5	430.3
37.5°	0.0	19.2	49.7	85.4	128.1	175.4	228.1	280.9	335.0	392.8	450.4
35°	0.0	19.8	51.6	89.4	133.9	183.4	238.1	292.5	349.2	409.1	469.7
32.5°	0.0	20.2	53.4	93.1	139.3	191.1	247.4	303.4	362.4	424.3	486.6
30°	0.0	20.7	55.2	96.6	144.4	198.3	256.1	313.7	374.4	438.5	501.9
27.5°	0.0	21.0	56.8	99.9	149.3	205.0	264.1	323.5	385.6	451.6	515.6
25°	0.0	21.4	58.3	102.9	153.9	211.1	271.4	332.2	396.1	463.0	527.8
22.5°	0.0	21.6	59.7	105.6	158.1	216.5	278.1	340.0	405.5	473.0	538.4
20°	0.0	21.9	61.0	108.1	161.8	221.3	284.0	346.8	413.9	481.5	547.9
17.5°	0.0	22.0	62.1	110.2	165.1	225.3	288.9	352.7	421.2	488.7	556.4
15°	0.0	22.2	63.1	112.1	168.0	228.7	292.9	357.9	427.3	494.6	563.7
12.5°	0.0	22.3	64.0	113.7	170.5	231.3	296.1	362.6	432.5	499.1	569.8
10°	0.0	22.3	64.7	115.0	172.5	233.3	298.6	366.7	436.5	504.0	575.7
7.5°	0.0	22.3	65.3	116.1	174.1	234.6	300.4	369.9	439.3	508.1	582.4
5°	0.0	22.2	65.7	116.8	175.2	235.3	301.3	372.2	440.8	511.2	587.9
2.5°	0.0	22.1	65.9	117.3	175.9	235.3	301.5	373.7	441.1	513.1	591.9
0°	0.0	22.0	66.0	117.4	176.1	234.8	300.9	374.2	440.3	513.7	594.4
-2.5°	0.0	22.1	65.9	117.3	175.9	235.3	301.5	373.7	441.1	513.1	591.9
-5°	0.0	22.2	65.7	116.8	175.2	235.3	301.3	372.2	440.8	511.2	587.9
-7.5°	0.0	22.3	65.3	116.1	174.1	234.6	300.4	369.9	439.3	508.1	582.4
-10°	0.0	22.3	64.7	115.0	172.5	233.3	298.6	366.7	436.5	504.0	575.7
-12.5°	0.0	22.3	64.0	113.7	170.5	231.3	296.1	362.6	432.5	499.1	569.8
-15°	0.0	22.2	63.1	112.1	168.0	228.7	292.9	357.9	427.3	494.6	563.7
-17.5°	0.0	22.0	62.1	110.2	165.1	225.3	288.9	352.7	421.2	488.7	556.4
-20°	0.0	21.9	61.0	108.1	161.8	221.3	284.0	346.8	413.9	481.5	547.9

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.6	59.7	105.6	158.1	216.5	278.1	340.0	405.5	473.0	538.4
-25°	0.0	21.4	58.3	102.9	153.9	211.1	271.4	332.2	396.1	463.0	527.8
-27.5°	0.0	21.0	56.8	99.9	149.3	205.0	264.1	323.5	385.6	451.6	515.6
-30°	0.0	20.7	55.2	96.6	144.4	198.3	256.1	313.7	374.4	438.5	501.9
-32.5°	0.0	20.2	53.4	93.1	139.3	191.1	247.4	303.4	362.4	424.3	486.6
-35°	0.0	19.8	51.6	89.4	133.9	183.4	238.1	292.5	349.2	409.1	469.7
-37.5°	0.0	19.2	49.7	85.4	128.1	175.4	228.1	280.9	335.0	392.8	450.4
-40°	0.0	18.7	47.6	81.2	121.9	167.7	217.6	268.5	319.6	375.5	430.3
-42.5°	0.0	18.1	45.5	76.8	115.7	159.5	206.4	255.5	304.2	356.9	409.5
-45°	0.0	17.4	43.3	72.3	109.8	150.9	194.7	241.8	288.6	337.7	388.1
-47.5°	0.0	16.7	41.0	67.6	103.5	141.9	182.5	227.5	272.2	318.0	366.2
-50°	0.0	16.0	38.6	63.8	96.9	132.5	171.0	212.7	255.2	298.7	343.7
-52.5°	0.0	15.2	36.1	60.1	90.1	122.7	159.3	197.3	237.4	278.4	320.7
-55°	0.0	14.4	33.6	56.3	83.1	113.7	147.2	181.5	218.8	257.2	296.8
-57.5°	0.0	13.5	31.0	52.3	75.8	104.6	134.7	166.9	199.4	235.1	271.9
-60°	0.0	12.6	28.4	48.1	68.4	95.2	122.0	151.7	179.9	212.1	246.0
-62.5°	0.0	11.7	26.4	43.9	62.5	85.6	110.5	136.0	162.0	188.5	219.3
-65°	0.0	10.7	24.2	39.4	56.5	75.8	98.7	120.6	143.8	167.2	191.8
-67.5°	0.0	9.7	22.0	34.9	50.2	66.7	86.6	106.4	125.2	146.4	167.2
-70°	0.0	8.7	19.8	30.3	43.8	58.4	74.4	91.9	108.6	125.2	143.8
-72.5°	0.0	7.7	17.5	26.5	37.3	50.0	63.6	77.3	91.9	106.4	120.6
-75°	0.0	6.6	15.1	22.8	30.6	41.3	52.8	64.0	75.0	87.4	99.7
-77.5°	0.0	5.5	12.6	19.0	25.3	32.5	41.8	51.1	60.1	69.0	78.5
-80°	0.0	4.5	10.2	15.3	20.3	25.3	30.7	38.1	45.3	52.5	59.5
-82.5°	0.0	3.3	7.6	11.5	15.3	19.0	22.8	26.5	30.4	35.8	41.1
-85°	0.0	2.2	5.1	7.7	10.2	12.7	15.2	17.7	20.1	22.5	24.8
-87.5°	0.0	1.1	2.6	3.8	5.1	6.4	7.6	8.8	10.1	11.2	12.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13.6	14.7	15.8	16.9	17.9	18.9	19.9	20.8	21.7	22.5	23.3
85°	27.1	29.4	32.6	35.8	38.5	40.9	42.9	44.6	47.6	50.8	54.1
82.5°	46.2	51.3	56.2	61.0	64.2	66.8	69.4	73.1	79.6	85.8	91.5
80°	66.3	73.1	80.7	88.1	94.4	100.8	107.5	114.3	121.4	128.1	134.5
77.5°	88.5	98.3	107.8	117.1	126.4	136.4	146.1	155.4	164.3	172.8	180.9
75°	111.6	123.4	136.3	149.1	161.5	173.5	185.4	197.9	209.9	221.4	232.3
72.5°	136.0	151.7	167.0	181.9	198.0	213.7	228.9	243.6	257.9	272.9	288.6
70°	162.0	179.9	199.8	218.8	236.8	255.6	274.4	290.5	306.0	326.6	347.7
67.5°	188.7	212.8	235.2	256.7	280.7	302.8	322.0	342.6	364.6	388.4	409.2
65°	220.1	246.3	272.4	299.6	327.2	350.3	374.4	399.8	424.7	448.5	471.1
62.5°	251.1	280.7	310.7	340.4	368.8	396.5	425.5	453.9	481.2	508.8	533.2
60°	281.0	314.6	346.3	377.3	409.5	443.9	476.0	507.4	540.2	571.5	587.8
57.5°	309.9	345.8	378.9	413.7	451.5	490.3	524.0	559.7	587.8	609.5	630.6
55°	337.1	374.4	410.7	449.8	490.9	531.2	568.8	600.5	626.4	646.3	668.7
52.5°	362.5	401.9	441.4	484.0	527.7	570.7	610.0	639.7	663.1	683.4	704.5
50°	387.5	428.8	470.5	517.4	564.1	609.9	648.4	675.6	697.6	718.5	740.1
47.5°	412.0	455.4	500.4	550.2	600.9	645.1	681.5	706.4	728.7	753.2	776.8
45°	436.1	483.0	530.7	584.2	635.1	677.7	708.7	733.6	761.1	787.5	812.9
42.5°	459.6	510.2	561.9	617.4	666.6	705.0	733.9	763.3	793.0	821.2	849.8
40°	483.3	536.3	591.1	646.3	695.8	728.9	759.6	791.3	824.0	854.6	886.3
37.5°	506.0	560.9	617.3	673.2	718.1	751.7	783.5	818.6	853.0	886.4	927.7
35°	527.6	583.3	640.2	694.2	737.5	772.2	807.8	844.7	880.8	924.0	971.2
32.5°	546.9	603.4	661.1	711.4	753.8	791.3	831.2	869.6	913.0	962.0	1018.5
30°	563.2	621.0	678.9	728.0	769.4	809.1	852.3	894.8	945.5	1004.4	1071.6
27.5°	577.5	636.8	693.1	742.2	784.3	823.8	869.3	923.0	981.2	1047.2	1126.1
25°	590.8	652.7	706.4	755.2	796.2	837.5	886.2	945.6	1015.6	1095.1	1191.7
22.5°	603.5	668.1	720.0	767.5	805.5	850.1	905.0	969.6	1045.7	1138.8	1256.5
20°	615.5	679.5	730.9	777.2	812.5	861.1	921.6	990.5	1077.0	1188.1	1324.2
17.5°	626.6	689.3	739.4	783.0	821.7	872.8	936.3	1007.6	1104.3	1232.8	1386.4
15°	636.7	697.5	746.2	787.7	829.9	885.2	951.5	1028.8	1134.4	1275.5	1441.5
12.5°	645.6	704.2	751.5	791.3	836.5	895.2	965.0	1050.8	1166.7	1317.4	1511.4
10°	653.2	709.2	755.2	793.8	841.4	902.9	976.3	1068.8	1192.5	1349.9	1565.2
7.5°	659.7	713.3	757.7	795.2	844.6	908.3	985.1	1082.4	1210.5	1373.0	1604.0
5°	664.3	716.5	760.8	799.7	849.5	912.6	991.6	1091.8	1221.1	1386.8	1628.1
2.5°	666.9	718.5	762.6	804.0	854.9	916.2	996.4	1102.1	1229.7	1400.1	1646.6
0°	667.8	719.1	763.2	807.2	858.6	917.3	998.0	1108.1	1232.8	1408.9	1658.4
-2.5°	666.9	718.5	762.6	804.0	854.9	916.2	996.4	1102.1	1229.7	1400.1	1646.6
-5°	664.3	716.5	760.8	799.7	849.5	912.6	991.6	1091.8	1221.1	1386.8	1628.1
-7.5°	659.7	713.3	757.7	795.2	844.6	908.3	985.1	1082.4	1210.5	1373.0	1604.0
-10°	653.2	709.2	755.2	793.8	841.4	902.9	976.3	1068.8	1192.5	1349.9	1565.2
-12.5°	645.6	704.2	751.5	791.3	836.5	895.2	965.0	1050.8	1166.7	1317.4	1511.4
-15°	636.7	697.5	746.2	787.7	829.9	885.2	951.5	1028.8	1134.4	1275.5	1441.5
-17.5°	626.6	689.3	739.4	783.0	821.7	872.8	936.3	1007.6	1104.3	1232.8	1386.4
-20°	615.5	679.5	730.9	777.2	812.5	861.1	921.6	990.5	1077.0	1188.1	1324.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	603.5	668.1	720.0	767.5	805.5	850.1	905.0	969.6	1045.7	1138.8	1256.5
-25°	590.8	652.7	706.4	755.2	796.2	837.5	886.2	945.6	1015.6	1095.1	1191.7
-27.5°	577.5	636.8	693.1	742.2	784.3	823.8	869.3	923.0	981.2	1047.2	1126.1
-30°	563.2	621.0	678.9	728.0	769.4	809.1	852.3	894.8	945.5	1004.4	1071.6
-32.5°	546.9	603.4	661.1	711.4	753.8	791.3	831.2	869.6	913.0	962.0	1018.5
-35°	527.6	583.3	640.2	694.2	737.5	772.2	807.8	844.7	880.8	924.0	971.2
-37.5°	506.0	560.9	617.3	673.2	718.1	751.7	783.5	818.6	853.0	886.4	927.7
-40°	483.3	536.3	591.1	646.3	695.8	728.9	759.6	791.3	824.0	854.6	886.3
-42.5°	459.6	510.2	561.9	617.4	666.6	705.0	733.9	763.3	793.0	821.2	849.8
-45°	436.1	483.0	530.7	584.2	635.1	677.7	708.7	733.6	761.1	787.5	812.9
-47.5°	412.0	455.4	500.4	550.2	600.9	645.1	681.5	706.4	728.7	753.2	776.8
-50°	387.5	428.8	470.5	517.4	564.1	609.9	648.4	675.6	697.6	718.5	740.1
-52.5°	362.5	401.9	441.4	484.0	527.7	570.7	610.0	639.7	663.1	683.4	704.5
-55°	337.1	374.4	410.7	449.8	490.9	531.2	568.8	600.5	626.4	646.3	668.7
-57.5°	309.9	345.8	378.9	413.7	451.5	490.3	524.0	559.7	587.8	609.5	630.6
-60°	281.0	314.6	346.3	377.3	409.5	443.9	476.0	507.4	540.2	571.5	587.8
-62.5°	251.1	280.7	310.7	340.4	368.8	396.5	425.5	453.9	481.2	508.8	533.2
-65°	220.1	246.3	272.4	299.6	327.2	350.3	374.4	399.8	424.7	448.5	471.1
-67.5°	188.7	212.8	235.2	256.7	280.7	302.8	322.0	342.6	364.6	388.4	409.2
-70°	162.0	179.9	199.8	218.8	236.8	255.6	274.4	290.5	306.0	326.6	347.7
-72.5°	136.0	151.7	167.0	181.9	198.0	213.7	228.9	243.6	257.9	272.9	288.6
-75°	111.6	123.4	136.3	149.1	161.5	173.5	185.4	197.9	209.9	221.4	232.3
-77.5°	88.5	98.3	107.8	117.1	126.4	136.4	146.1	155.4	164.3	172.8	180.9
-80°	66.3	73.1	80.7	88.1	94.4	100.8	107.5	114.3	121.4	128.1	134.5
-82.5°	46.2	51.3	56.2	61.0	64.2	66.8	69.4	73.1	79.6	85.8	91.5
-85°	27.1	29.4	32.6	35.8	38.5	40.9	42.9	44.6	47.6	50.8	54.1
-87.5°	13.6	14.7	15.8	16.9	17.9	18.9	19.9	20.8	21.7	22.5	23.3
-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: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-NR-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°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	26.9	25.3
85°	57.4	59.6	61.6	63.4	65.1	66.7	68.1	69.3	70.4	69.5	68.4
82.5°	96.7	100.5	104.0	107.2	110.2	112.9	115.4	117.5	119.4	119.3	118.8
80°	140.6	146.9	153.3	159.5	165.7	169.4	172.1	174.1	175.5	176.2	176.3
77.5°	189.1	198.8	209.0	219.0	228.7	234.4	238.4	241.7	244.4	244.9	244.5
75°	242.6	255.2	269.1	281.2	291.7	298.1	302.6	306.4	309.5	310.2	309.9
72.5°	305.0	320.5	332.9	343.1	352.0	359.0	364.6	369.3	373.2	374.8	375.0
70°	366.3	381.6	393.4	403.8	412.5	419.7	426.4	432.2	436.9	440.4	443.0
67.5°	428.4	445.9	458.0	467.4	474.8	482.4	491.3	499.1	505.6	509.9	512.1
65°	492.2	510.2	521.9	532.2	541.3	550.8	560.8	568.1	572.9	575.9	577.8
62.5°	553.9	570.8	585.5	599.1	612.2	623.1	630.0	636.1	641.3	645.7	649.0
60°	606.9	628.5	644.9	658.0	670.8	683.2	691.6	698.2	703.4	707.2	709.6
57.5°	652.2	674.1	693.5	706.2	720.1	734.9	744.6	750.2	755.3	759.7	761.8
55°	691.8	712.0	729.9	747.2	762.8	776.1	786.4	794.0	800.3	805.3	807.0
52.5°	727.4	749.4	770.4	788.9	804.1	816.8	827.1	836.4	843.6	848.4	850.6
50°	764.8	788.4	811.0	831.2	846.8	861.1	873.9	884.9	895.5	903.8	909.8
47.5°	801.5	826.8	851.7	873.8	892.7	913.4	931.9	947.6	963.0	975.5	984.1
45°	838.7	867.8	894.8	923.5	949.0	976.1	1001.2	1022.9	1045.2	1062.0	1073.4
42.5°	879.9	913.0	945.5	981.2	1016.0	1051.2	1089.4	1123.3	1149.6	1174.3	1194.3
40°	924.0	962.0	1004.4	1048.1	1099.4	1146.0	1197.2	1241.2	1280.9	1323.0	1356.3
37.5°	971.2	1018.5	1074.3	1132.7	1199.1	1262.8	1329.7	1395.4	1452.8	1520.5	1572.1
35°	1023.2	1086.4	1155.1	1234.1	1316.8	1408.1	1499.6	1605.3	1696.2	1796.3	1883.5
32.5°	1084.8	1160.3	1250.3	1354.6	1460.8	1599.4	1728.8	1897.1	2042.6	2201.4	2361.4
30°	1148.2	1246.8	1363.1	1494.4	1663.2	1853.8	2066.1	2316.5	2574.5	2824.3	3125.6
27.5°	1226.7	1345.7	1486.5	1678.4	1926.9	2184.4	2549.6	2925.4	3399.8	3792.1	4345.4
25°	1308.4	1448.4	1648.4	1909.5	2233.8	2680.7	3234.8	3835.3	4670.0	5403.4	6263.5
22.5°	1397.2	1586.2	1835.1	2157.4	2649.1	3335.1	4174.1	5304.6	6535.8	7843.0	9143.2
20°	1489.8	1718.4	2044.7	2511.7	3186.5	4115.5	5555.8	7301.2	9060.1	11216.9	13126.8
17.5°	1596.9	1888.0	2290.0	2874.1	3774.6	5197.6	7195.7	9632.4	12361.2	15462.2	18215.6
15°	1686.2	2033.3	2540.7	3357.9	4596.3	6423.9	8943.6	12295.7	16396.3	20561.1	24786.6
12.5°	1789.9	2191.3	2787.3	3761.6	5317.1	7745.9	11175.7	15418.5	20539.6	26316.5	33126.5
10°	1881.9	2346.5	3087.3	4293.4	6194.4	9124.7	13287.3	18391.6	25000.4	33311.9	43857.9
7.5°	1950.1	2470.0	3319.0	4698.2	6952.8	10450.3	15282.3	21647.3	30044.9	41020.2	55493.7
5°	1994.4	2559.4	3482.9	5010.5	7546.4	11436.8	16744.3	23956.5	34087.6	49610.2	74119.2
2.5°	2020.9	2612.3	3576.4	5193.7	7907.4	12090.5	17856.6	25702.5	36707.5	54918.9	86098.8
0°	2032.7	2627.1	3632.4	5290.8	8028.0	12342.9	18367.5	26498.2	37879.8	56159.3	88205.2
-2.5°	2020.9	2612.3	3576.4	5193.7	7907.4	12090.5	17856.6	25702.5	36707.5	54918.9	86098.8
-5°	1994.4	2559.4	3482.9	5010.5	7546.4	11436.8	16744.3	23956.5	34087.6	49610.2	74119.2
-7.5°	1950.1	2470.0	3319.0	4698.2	6952.8	10450.3	15282.3	21647.3	30044.9	41020.2	55493.7
-10°	1881.9	2346.5	3087.3	4293.4	6194.4	9124.7	13287.3	18391.6	25000.4	33311.9	43857.9
-12.5°	1789.9	2191.3	2787.3	3761.6	5317.1	7745.9	11175.7	15418.5	20539.6	26316.5	33126.5
-15°	1686.2	2033.3	2540.7	3357.9	4596.3	6423.9	8943.6	12295.7	16396.3	20561.1	24786.6
-17.5°	1596.9	1888.0	2290.0	2874.1	3774.6	5197.6	7195.7	9632.4	12361.2	15462.2	18215.6
-20°	1489.8	1718.4	2044.7	2511.7	3186.5	4115.5	5555.8	7301.2	9060.1	11216.9	13126.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1397.2	1586.2	1835.1	2157.4	2649.1	3335.1	4174.1	5304.6	6535.8	7843.0	9143.2
-25°	1308.4	1448.4	1648.4	1909.5	2233.8	2680.7	3234.8	3835.3	4670.0	5403.4	6263.5
-27.5°	1226.7	1345.7	1486.5	1678.4	1926.9	2184.4	2549.6	2925.4	3399.8	3792.1	4345.4
-30°	1148.2	1246.8	1363.1	1494.4	1663.2	1853.8	2066.1	2316.5	2574.5	2824.3	3125.6
-32.5°	1084.8	1160.3	1250.3	1354.6	1460.8	1599.4	1728.8	1897.1	2042.6	2201.4	2361.4
-35°	1023.2	1086.4	1155.1	1234.1	1316.8	1408.1	1499.6	1605.3	1696.2	1796.3	1883.5
-37.5°	971.2	1018.5	1074.3	1132.7	1199.1	1262.8	1329.7	1395.4	1452.8	1520.5	1572.1
-40°	924.0	962.0	1004.4	1048.1	1099.4	1146.0	1197.2	1241.2	1280.9	1323.0	1356.3
-42.5°	879.9	913.0	945.5	981.2	1016.0	1051.2	1089.4	1123.3	1149.6	1174.3	1194.3
-45°	838.7	867.8	894.8	923.5	949.0	976.1	1001.2	1022.9	1045.2	1062.0	1073.4
-47.5°	801.5	826.8	851.7	873.8	892.7	913.4	931.9	947.6	963.0	975.5	984.1
-50°	764.8	788.4	811.0	831.2	846.8	861.1	873.9	884.9	895.5	903.8	909.8
-52.5°	727.4	749.4	770.4	788.9	804.1	816.8	827.1	836.4	843.6	848.4	850.6
-55°	691.8	712.0	729.9	747.2	762.8	776.1	786.4	794.0	800.3	805.3	807.0
-57.5°	652.2	674.1	693.5	706.2	720.1	734.9	744.6	750.2	755.3	759.7	761.8
-60°	606.9	628.5	644.9	658.0	670.8	683.2	691.6	698.2	703.4	707.2	709.6
-62.5°	553.9	570.8	585.5	599.1	612.2	623.1	630.0	636.1	641.3	645.7	649.0
-65°	492.2	510.2	521.9	532.2	541.3	550.8	560.8	568.1	572.9	575.9	577.8
-67.5°	428.4	445.9	458.0	467.4	474.8	482.4	491.3	499.1	505.6	509.9	512.1
-70°	366.3	381.6	393.4	403.8	412.5	419.7	426.4	432.2	436.9	440.4	443.0
-72.5°	305.0	320.5	332.9	343.1	352.0	359.0	364.6	369.3	373.2	374.8	375.0
-75°	242.6	255.2	269.1	281.2	291.7	298.1	302.6	306.4	309.5	310.2	309.9
-77.5°	189.1	198.8	209.0	219.0	228.7	234.4	238.4	241.7	244.4	244.9	244.5
-80°	140.6	146.9	153.3	159.5	165.7	169.4	172.1	174.1	175.5	176.2	176.3
-82.5°	96.7	100.5	104.0	107.2	110.2	112.9	115.4	117.5	119.4	119.3	118.8
-85°	57.4	59.6	61.6	63.4	65.1	66.7	68.1	69.3	70.4	69.5	68.4
-87.5°	24.1	24.8	25.5	26.1	26.6	27.2	27.6	28.0	28.4	26.9	25.3
-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: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-NR-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°	23.7	21.9	22.0	22.0	22.0	21.9	23.7	25.3	26.9	28.4	28.0
85°	67.1	65.7	65.9	66.0	65.9	65.7	67.1	68.4	69.5	70.4	69.3
82.5°	117.9	116.8	117.3	117.4	117.3	116.8	117.9	118.8	119.3	119.4	117.5
80°	176.0	175.3	172.3	168.8	172.3	175.3	176.0	176.3	176.2	175.5	174.1
77.5°	243.2	241.1	238.3	234.8	238.3	241.1	243.2	244.5	244.9	244.4	241.7
75°	308.8	306.9	307.8	308.2	307.8	306.9	308.8	309.9	310.2	309.5	306.4
72.5°	374.3	372.7	373.7	374.2	373.7	372.7	374.3	375.0	374.8	373.2	369.3
70°	444.7	445.5	443.6	440.3	443.6	445.5	444.7	443.0	440.4	436.9	432.2
67.5°	512.7	511.9	509.7	506.3	509.7	511.9	512.7	512.1	509.9	505.6	499.1
65°	578.5	577.8	579.0	579.7	579.0	577.8	578.5	577.8	575.9	572.9	568.1
62.5°	650.7	650.7	649.1	645.8	649.1	650.7	650.7	649.0	645.7	641.3	636.1
60°	710.5	710.0	708.0	704.5	708.0	710.0	710.5	709.6	707.2	703.4	698.2
57.5°	762.4	761.7	759.5	755.8	759.5	761.7	762.4	761.8	759.7	755.3	750.2
55°	807.2	806.1	803.7	799.9	803.7	806.1	807.2	807.0	805.3	800.3	794.0
52.5°	851.1	850.2	850.4	851.2	850.4	850.2	851.1	850.6	848.4	843.6	836.4
50°	913.4	914.7	913.6	909.9	913.6	914.7	913.4	909.8	903.8	895.5	884.9
47.5°	988.2	988.6	986.8	983.3	986.8	988.6	988.2	984.1	975.5	963.0	947.6
45°	1082.3	1087.6	1089.0	1086.1	1089.0	1087.6	1082.3	1073.4	1062.0	1045.2	1022.9
42.5°	1209.7	1218.0	1220.4	1218.1	1220.4	1218.0	1209.7	1194.3	1174.3	1149.6	1123.3
40°	1376.9	1386.5	1388.3	1386.9	1388.3	1386.5	1376.9	1356.3	1323.0	1280.9	1241.2
37.5°	1608.4	1631.6	1642.5	1643.8	1642.5	1631.6	1608.4	1572.1	1520.5	1452.8	1395.4
35°	1950.0	1996.1	2020.8	2032.7	2020.8	1996.1	1950.0	1883.5	1796.3	1696.2	1605.3
32.5°	2482.6	2574.9	2626.0	2619.7	2626.0	2574.9	2482.6	2361.4	2201.4	2042.6	1897.1
30°	3352.7	3514.0	3595.2	3573.7	3595.2	3514.0	3352.7	3125.6	2824.3	2574.5	2316.5
27.5°	4742.8	5034.4	5203.0	5180.8	5203.0	5034.4	4742.8	4345.4	3792.1	3399.8	2925.4
25°	6982.5	7514.7	7855.5	7771.2	7855.5	7514.7	6982.5	6263.5	5403.4	4670.0	3835.3
22.5°	10389.7	11291.4	11888.1	11814.5	11888.1	11291.4	10389.7	9143.2	7843.0	6535.8	5304.6
20°	15063.3	16435.8	17415.8	17545.6	17415.8	16435.8	15063.3	13126.8	11216.9	9060.1	7301.2
17.5°	21189.7	23365.8	24880.5	25133.3	24880.5	23365.8	21189.7	18215.6	15462.2	12361.2	9632.4
15°	29151.7	32708.3	35282.4	35494.9	35282.4	32708.3	29151.7	24786.6	20561.1	16396.3	12295.7
12.5°	39962.9	47116.4	51785.0	53840.4	51785.0	47116.4	39962.9	33126.5	26316.5	20539.6	15418.5
10°	54925.0	71356.2	81879.0	85834.9	81879.0	71356.2	54925.0	43857.9	33311.9	25000.4	18391.6
7.5°	79916.2	105713.7	134393.7	146617.3	134393.7	105713.7	79916.2	55493.7	41020.2	30044.9	21647.3
5°	108216.8	161756.9	212683.1	232569.6	212683.1	161756.9	108216.8	74119.2	49610.2	34087.6	23956.5
2.5°	137996.4	212623.5	282554.7	309903.2	282554.7	212623.5	137996.4	86098.8	54918.9	36707.5	25702.5
0°	149625.9	234895.8	311836.9	342503.2	311836.9	234895.8	149625.9	88205.2	56159.3	37879.8	26498.2
-2.5°	137996.4	212623.5	282554.7	309903.2	282554.7	212623.5	137996.4	86098.8	54918.9	36707.5	25702.5
-5°	108216.8	161756.9	212683.1	232569.6	212683.1	161756.9	108216.8	74119.2	49610.2	34087.6	23956.5
-7.5°	79916.2	105713.7	134393.7	146617.3	134393.7	105713.7	79916.2	55493.7	41020.2	30044.9	21647.3
-10°	54925.0	71356.2	81879.0	85834.9	81879.0	71356.2	54925.0	43857.9	33311.9	25000.4	18391.6
-12.5°	39962.9	47116.4	51785.0	53840.4	51785.0	47116.4	39962.9	33126.5	26316.5	20539.6	15418.5
-15°	29151.7	32708.3	35282.4	35494.9	35282.4	32708.3	29151.7	24786.6	20561.1	16396.3	12295.7
-17.5°	21189.7	23365.8	24880.5	25133.3	24880.5	23365.8	21189.7	18215.6	15462.2	12361.2	9632.4
-20°	15063.3	16435.8	17415.8	17545.6	17415.8	16435.8	15063.3	13126.8	11216.9	9060.1	7301.2



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10389.7	11291.4	11888.1	11814.5	11888.1	11291.4	10389.7	9143.2	7843.0	6535.8	5304.6
-25°	6982.5	7514.7	7855.5	7771.2	7855.5	7514.7	6982.5	6263.5	5403.4	4670.0	3835.3
-27.5°	4742.8	5034.4	5203.0	5180.8	5203.0	5034.4	4742.8	4345.4	3792.1	3399.8	2925.4
-30°	3352.7	3514.0	3595.2	3573.7	3595.2	3514.0	3352.7	3125.6	2824.3	2574.5	2316.5
-32.5°	2482.6	2574.9	2626.0	2619.7	2626.0	2574.9	2482.6	2361.4	2201.4	2042.6	1897.1
-35°	1950.0	1996.1	2020.8	2032.7	2020.8	1996.1	1950.0	1883.5	1796.3	1696.2	1605.3
-37.5°	1608.4	1631.6	1642.5	1643.8	1642.5	1631.6	1608.4	1572.1	1520.5	1452.8	1395.4
-40°	1376.9	1386.5	1388.3	1386.9	1388.3	1386.5	1376.9	1356.3	1323.0	1280.9	1241.2
-42.5°	1209.7	1218.0	1220.4	1218.1	1220.4	1218.0	1209.7	1194.3	1174.3	1149.6	1123.3
-45°	1082.3	1087.6	1089.0	1086.1	1089.0	1087.6	1082.3	1073.4	1062.0	1045.2	1022.9
-47.5°	988.2	988.6	986.8	983.3	986.8	988.6	988.2	984.1	975.5	963.0	947.6
-50°	913.4	914.7	913.6	909.9	913.6	914.7	913.4	909.8	903.8	895.5	884.9
-52.5°	851.1	850.2	850.4	851.2	850.4	850.2	851.1	850.6	848.4	843.6	836.4
-55°	807.2	806.1	803.7	799.9	803.7	806.1	807.2	807.0	805.3	800.3	794.0
-57.5°	762.4	761.7	759.5	755.8	759.5	761.7	762.4	761.8	759.7	755.3	750.2
-60°	710.5	710.0	708.0	704.5	708.0	710.0	710.5	709.6	707.2	703.4	698.2
-62.5°	650.7	650.7	649.1	645.8	649.1	650.7	650.7	649.0	645.7	641.3	636.1
-65°	578.5	577.8	579.0	579.7	579.0	577.8	578.5	577.8	575.9	572.9	568.1
-67.5°	512.7	511.9	509.7	506.3	509.7	511.9	512.7	512.1	509.9	505.6	499.1
-70°	444.7	445.5	443.6	440.3	443.6	445.5	444.7	443.0	440.4	436.9	432.2
-72.5°	374.3	372.7	373.7	374.2	373.7	372.7	374.3	375.0	374.8	373.2	369.3
-75°	308.8	306.9	307.8	308.2	307.8	306.9	308.8	309.9	310.2	309.5	306.4
-77.5°	243.2	241.1	238.3	234.8	238.3	241.1	243.2	244.5	244.9	244.4	241.7
-80°	176.0	175.3	172.3	168.8	172.3	175.3	176.0	176.3	176.2	175.5	174.1
-82.5°	117.9	116.8	117.3	117.4	117.3	116.8	117.9	118.8	119.3	119.4	117.5
-85°	67.1	65.7	65.9	66.0	65.9	65.7	67.1	68.4	69.5	70.4	69.3
-87.5°	23.7	21.9	22.0	22.0	22.0	21.9	23.7	25.3	26.9	28.4	28.0
-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: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-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°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
85°	68.1	66.7	65.1	63.4	61.6	59.6	57.4	54.1	50.8	47.6	44.6
82.5°	115.4	112.9	110.2	107.2	104.0	100.5	96.7	91.5	85.8	79.6	73.1
80°	172.1	169.4	165.7	159.5	153.3	146.9	140.6	134.5	128.1	121.4	114.3
77.5°	238.4	234.4	228.7	219.0	209.0	198.8	189.1	180.9	172.8	164.3	155.4
75°	302.6	298.1	291.7	281.2	269.1	255.2	242.6	232.3	221.4	209.9	197.9
72.5°	364.6	359.0	352.0	343.1	332.9	320.5	305.0	288.6	272.9	257.9	243.6
70°	426.4	419.7	412.5	403.8	393.4	381.6	366.3	347.7	326.6	306.0	290.5
67.5°	491.3	482.4	474.8	467.4	458.0	445.9	428.4	409.2	388.4	364.6	342.6
65°	560.8	550.8	541.3	532.2	521.9	510.2	492.2	471.1	448.5	424.7	399.8
62.5°	630.0	623.1	612.2	599.1	585.5	570.8	553.9	533.2	508.8	481.2	453.9
60°	691.6	683.2	670.8	658.0	644.9	628.5	606.9	587.8	571.5	540.2	507.4
57.5°	744.6	734.9	720.1	706.2	693.5	674.1	652.2	630.6	609.5	587.8	559.7
55°	786.4	776.1	762.8	747.2	729.9	712.0	691.8	668.7	646.3	626.4	600.5
52.5°	827.1	816.8	804.1	788.9	770.4	749.4	727.4	704.5	683.4	663.1	639.7
50°	873.9	861.1	846.8	831.2	811.0	788.4	764.8	740.1	718.5	697.6	675.6
47.5°	931.9	913.4	892.7	873.8	851.7	826.8	801.5	776.8	753.2	728.7	706.4
45°	1001.2	976.1	949.0	923.5	894.8	867.8	838.7	812.9	787.5	761.1	733.6
42.5°	1089.4	1051.2	1016.0	981.2	945.5	913.0	879.9	849.8	821.2	793.0	763.3
40°	1197.2	1146.0	1099.4	1048.1	1004.4	962.0	924.0	886.3	854.6	824.0	791.3
37.5°	1329.7	1262.8	1199.1	1132.7	1074.3	1018.5	971.2	927.7	886.4	853.0	818.6
35°	1499.6	1408.1	1316.8	1234.1	1155.1	1086.4	1023.2	971.2	924.0	880.8	844.7
32.5°	1728.8	1599.4	1460.8	1354.6	1250.3	1160.3	1084.8	1018.5	962.0	913.0	869.6
30°	2066.1	1853.8	1663.2	1494.4	1363.1	1246.8	1148.2	1071.6	1004.4	945.5	894.8
27.5°	2549.6	2184.4	1926.9	1678.4	1486.5	1345.7	1226.7	1126.1	1047.2	981.2	923.0
25°	3234.8	2680.7	2233.8	1909.5	1648.4	1448.4	1308.4	1191.7	1095.1	1015.6	945.6
22.5°	4174.1	3335.1	2649.1	2157.4	1835.1	1586.2	1397.2	1256.5	1138.8	1045.7	969.6
20°	5555.8	4115.5	3186.5	2511.7	2044.7	1718.4	1489.8	1324.2	1188.1	1077.0	990.5
17.5°	7195.7	5197.6	3774.6	2874.1	2290.0	1888.0	1596.9	1386.4	1232.8	1104.3	1007.6
15°	8943.6	6423.9	4596.3	3357.9	2540.7	2033.3	1686.2	1441.5	1275.5	1134.4	1028.8
12.5°	11175.7	7745.9	5317.1	3761.6	2787.3	2191.3	1789.9	1511.4	1317.4	1166.7	1050.8
10°	13287.3	9124.7	6194.4	4293.4	3087.3	2346.5	1881.9	1565.2	1349.9	1192.5	1068.8
7.5°	15282.3	10450.3	6952.8	4698.2	3319.0	2470.0	1950.1	1604.0	1373.0	1210.5	1082.4
5°	16744.3	11436.8	7546.4	5010.5	3482.9	2559.4	1994.4	1628.1	1386.8	1221.1	1091.8
2.5°	17856.6	12090.5	7907.4	5193.7	3576.4	2612.3	2020.9	1646.6	1400.1	1229.7	1102.1
0°	18367.5	12342.9	8028.0	5290.8	3632.4	2627.1	2032.7	1658.4	1408.9	1232.8	1108.1
-2.5°	17856.6	12090.5	7907.4	5193.7	3576.4	2612.3	2020.9	1646.6	1400.1	1229.7	1102.1
-5°	16744.3	11436.8	7546.4	5010.5	3482.9	2559.4	1994.4	1628.1	1386.8	1221.1	1091.8
-7.5°	15282.3	10450.3	6952.8	4698.2	3319.0	2470.0	1950.1	1604.0	1373.0	1210.5	1082.4
-10°	13287.3	9124.7	6194.4	4293.4	3087.3	2346.5	1881.9	1565.2	1349.9	1192.5	1068.8
-12.5°	11175.7	7745.9	5317.1	3761.6	2787.3	2191.3	1789.9	1511.4	1317.4	1166.7	1050.8
-15°	8943.6	6423.9	4596.3	3357.9	2540.7	2033.3	1686.2	1441.5	1275.5	1134.4	1028.8
-17.5°	7195.7	5197.6	3774.6	2874.1	2290.0	1888.0	1596.9	1386.4	1232.8	1104.3	1007.6
-20°	5555.8	4115.5	3186.5	2511.7	2044.7	1718.4	1489.8	1324.2	1188.1	1077.0	990.5



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4174.1	3335.1	2649.1	2157.4	1835.1	1586.2	1397.2	1256.5	1138.8	1045.7	969.6
-25°	3234.8	2680.7	2233.8	1909.5	1648.4	1448.4	1308.4	1191.7	1095.1	1015.6	945.6
-27.5°	2549.6	2184.4	1926.9	1678.4	1486.5	1345.7	1226.7	1126.1	1047.2	981.2	923.0
-30°	2066.1	1853.8	1663.2	1494.4	1363.1	1246.8	1148.2	1071.6	1004.4	945.5	894.8
-32.5°	1728.8	1599.4	1460.8	1354.6	1250.3	1160.3	1084.8	1018.5	962.0	913.0	869.6
-35°	1499.6	1408.1	1316.8	1234.1	1155.1	1086.4	1023.2	971.2	924.0	880.8	844.7
-37.5°	1329.7	1262.8	1199.1	1132.7	1074.3	1018.5	971.2	927.7	886.4	853.0	818.6
-40°	1197.2	1146.0	1099.4	1048.1	1004.4	962.0	924.0	886.3	854.6	824.0	791.3
-42.5°	1089.4	1051.2	1016.0	981.2	945.5	913.0	879.9	849.8	821.2	793.0	763.3
-45°	1001.2	976.1	949.0	923.5	894.8	867.8	838.7	812.9	787.5	761.1	733.6
-47.5°	931.9	913.4	892.7	873.8	851.7	826.8	801.5	776.8	753.2	728.7	706.4
-50°	873.9	861.1	846.8	831.2	811.0	788.4	764.8	740.1	718.5	697.6	675.6
-52.5°	827.1	816.8	804.1	788.9	770.4	749.4	727.4	704.5	683.4	663.1	639.7
-55°	786.4	776.1	762.8	747.2	729.9	712.0	691.8	668.7	646.3	626.4	600.5
-57.5°	744.6	734.9	720.1	706.2	693.5	674.1	652.2	630.6	609.5	587.8	559.7
-60°	691.6	683.2	670.8	658.0	644.9	628.5	606.9	587.8	571.5	540.2	507.4
-62.5°	630.0	623.1	612.2	599.1	585.5	570.8	553.9	533.2	508.8	481.2	453.9
-65°	560.8	550.8	541.3	532.2	521.9	510.2	492.2	471.1	448.5	424.7	399.8
-67.5°	491.3	482.4	474.8	467.4	458.0	445.9	428.4	409.2	388.4	364.6	342.6
-70°	426.4	419.7	412.5	403.8	393.4	381.6	366.3	347.7	326.6	306.0	290.5
-72.5°	364.6	359.0	352.0	343.1	332.9	320.5	305.0	288.6	272.9	257.9	243.6
-75°	302.6	298.1	291.7	281.2	269.1	255.2	242.6	232.3	221.4	209.9	197.9
-77.5°	238.4	234.4	228.7	219.0	209.0	198.8	189.1	180.9	172.8	164.3	155.4
-80°	172.1	169.4	165.7	159.5	153.3	146.9	140.6	134.5	128.1	121.4	114.3
-82.5°	115.4	112.9	110.2	107.2	104.0	100.5	96.7	91.5	85.8	79.6	73.1
-85°	68.1	66.7	65.1	63.4	61.6	59.6	57.4	54.1	50.8	47.6	44.6
-87.5°	27.6	27.2	26.6	26.1	25.5	24.8	24.1	23.3	22.5	21.7	20.8
-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: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-U-NR-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°	19.9	18.9	17.9	16.9	15.8	14.7	13.6	12.4	11.2	10.1	8.8
85°	42.9	40.9	38.5	35.8	32.6	29.4	27.1	24.8	22.5	20.1	17.7
82.5°	69.4	66.8	64.2	61.0	56.2	51.3	46.2	41.1	35.8	30.4	26.5
80°	107.5	100.8	94.4	88.1	80.7	73.1	66.3	59.5	52.5	45.3	38.1
77.5°	146.1	136.4	126.4	117.1	107.8	98.3	88.5	78.5	69.0	60.1	51.1
75°	185.4	173.5	161.5	149.1	136.3	123.4	111.6	99.7	87.4	75.0	64.0
72.5°	228.9	213.7	198.0	181.9	167.0	151.7	136.0	120.6	106.4	91.9	77.3
70°	274.4	255.6	236.8	218.8	199.8	179.9	162.0	143.8	125.2	108.6	91.9
67.5°	322.0	302.8	280.7	256.7	235.2	212.8	188.7	167.2	146.4	125.2	106.4
65°	374.4	350.3	327.2	299.6	272.4	246.3	220.1	191.8	167.2	143.8	120.6
62.5°	425.5	396.5	368.8	340.4	310.7	280.7	251.1	219.3	188.5	162.0	136.0
60°	476.0	443.9	409.5	377.3	346.3	314.6	281.0	246.0	212.1	179.9	151.7
57.5°	524.0	490.3	451.5	413.7	378.9	345.8	309.9	271.9	235.1	199.4	166.9
55°	568.8	531.2	490.9	449.8	410.7	374.4	337.1	296.8	257.2	218.8	181.5
52.5°	610.0	570.7	527.7	484.0	441.4	401.9	362.5	320.7	278.4	237.4	197.3
50°	648.4	609.9	564.1	517.4	470.5	428.8	387.5	343.7	298.7	255.2	212.7
47.5°	681.5	645.1	600.9	550.2	500.4	455.4	412.0	366.2	318.0	272.2	227.5
45°	708.7	677.7	635.1	584.2	530.7	483.0	436.1	388.1	337.7	288.6	241.8
42.5°	733.9	705.0	666.6	617.4	561.9	510.2	459.6	409.5	356.9	304.2	255.5
40°	759.6	728.9	695.8	646.3	591.1	536.3	483.3	430.3	375.5	319.6	268.5
37.5°	783.5	751.7	718.1	673.2	617.3	560.9	506.0	450.4	392.8	335.0	280.9
35°	807.8	772.2	737.5	694.2	640.2	583.3	527.6	469.7	409.1	349.2	292.5
32.5°	831.2	791.3	753.8	711.4	661.1	603.4	546.9	486.6	424.3	362.4	303.4
30°	852.3	809.1	769.4	728.0	678.9	621.0	563.2	501.9	438.5	374.4	313.7
27.5°	869.3	823.8	784.3	742.2	693.1	636.8	577.5	515.6	451.6	385.6	323.5
25°	886.2	837.5	796.2	755.2	706.4	652.7	590.8	527.8	463.0	396.1	332.2
22.5°	905.0	850.1	805.5	767.5	720.0	668.1	603.5	538.4	473.0	405.5	340.0
20°	921.6	861.1	812.5	777.2	730.9	679.5	615.5	547.9	481.5	413.9	346.8
17.5°	936.3	872.8	821.7	783.0	739.4	689.3	626.6	556.4	488.7	421.2	352.7
15°	951.5	885.2	829.9	787.7	746.2	697.5	636.7	563.7	494.6	427.3	357.9
12.5°	965.0	895.2	836.5	791.3	751.5	704.2	645.6	569.8	499.1	432.5	362.6
10°	976.3	902.9	841.4	793.8	755.2	709.2	653.2	575.7	504.0	436.5	366.7
7.5°	985.1	908.3	844.6	795.2	757.7	713.3	659.7	582.4	508.1	439.3	369.9
5°	991.6	912.6	849.5	799.7	760.8	716.5	664.3	587.9	511.2	440.8	372.2
2.5°	996.4	916.2	854.9	804.0	762.6	718.5	666.9	591.9	513.1	441.1	373.7
0°	998.0	917.3	858.6	807.2	763.2	719.1	667.8	594.4	513.7	440.3	374.2
-2.5°	996.4	916.2	854.9	804.0	762.6	718.5	666.9	591.9	513.1	441.1	373.7
-5°	991.6	912.6	849.5	799.7	760.8	716.5	664.3	587.9	511.2	440.8	372.2
-7.5°	985.1	908.3	844.6	795.2	757.7	713.3	659.7	582.4	508.1	439.3	369.9
-10°	976.3	902.9	841.4	793.8	755.2	709.2	653.2	575.7	504.0	436.5	366.7
-12.5°	965.0	895.2	836.5	791.3	751.5	704.2	645.6	569.8	499.1	432.5	362.6
-15°	951.5	885.2	829.9	787.7	746.2	697.5	636.7	563.7	494.6	427.3	357.9
-17.5°	936.3	872.8	821.7	783.0	739.4	689.3	626.6	556.4	488.7	421.2	352.7
-20°	921.6	861.1	812.5	777.2	730.9	679.5	615.5	547.9	481.5	413.9	346.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	905.0	850.1	805.5	767.5	720.0	668.1	603.5	538.4	473.0	405.5	340.0
-25°	886.2	837.5	796.2	755.2	706.4	652.7	590.8	527.8	463.0	396.1	332.2
-27.5°	869.3	823.8	784.3	742.2	693.1	636.8	577.5	515.6	451.6	385.6	323.5
-30°	852.3	809.1	769.4	728.0	678.9	621.0	563.2	501.9	438.5	374.4	313.7
-32.5°	831.2	791.3	753.8	711.4	661.1	603.4	546.9	486.6	424.3	362.4	303.4
-35°	807.8	772.2	737.5	694.2	640.2	583.3	527.6	469.7	409.1	349.2	292.5
-37.5°	783.5	751.7	718.1	673.2	617.3	560.9	506.0	450.4	392.8	335.0	280.9
-40°	759.6	728.9	695.8	646.3	591.1	536.3	483.3	430.3	375.5	319.6	268.5
-42.5°	733.9	705.0	666.6	617.4	561.9	510.2	459.6	409.5	356.9	304.2	255.5
-45°	708.7	677.7	635.1	584.2	530.7	483.0	436.1	388.1	337.7	288.6	241.8
-47.5°	681.5	645.1	600.9	550.2	500.4	455.4	412.0	366.2	318.0	272.2	227.5
-50°	648.4	609.9	564.1	517.4	470.5	428.8	387.5	343.7	298.7	255.2	212.7
-52.5°	610.0	570.7	527.7	484.0	441.4	401.9	362.5	320.7	278.4	237.4	197.3
-55°	568.8	531.2	490.9	449.8	410.7	374.4	337.1	296.8	257.2	218.8	181.5
-57.5°	524.0	490.3	451.5	413.7	378.9	345.8	309.9	271.9	235.1	199.4	166.9
-60°	476.0	443.9	409.5	377.3	346.3	314.6	281.0	246.0	212.1	179.9	151.7
-62.5°	425.5	396.5	368.8	340.4	310.7	280.7	251.1	219.3	188.5	162.0	136.0
-65°	374.4	350.3	327.2	299.6	272.4	246.3	220.1	191.8	167.2	143.8	120.6
-67.5°	322.0	302.8	280.7	256.7	235.2	212.8	188.7	167.2	146.4	125.2	106.4
-70°	274.4	255.6	236.8	218.8	199.8	179.9	162.0	143.8	125.2	108.6	91.9
-72.5°	228.9	213.7	198.0	181.9	167.0	151.7	136.0	120.6	106.4	91.9	77.3
-75°	185.4	173.5	161.5	149.1	136.3	123.4	111.6	99.7	87.4	75.0	64.0
-77.5°	146.1	136.4	126.4	117.1	107.8	98.3	88.5	78.5	69.0	60.1	51.1
-80°	107.5	100.8	94.4	88.1	80.7	73.1	66.3	59.5	52.5	45.3	38.1
-82.5°	69.4	66.8	64.2	61.0	56.2	51.3	46.2	41.1	35.8	30.4	26.5
-85°	42.9	40.9	38.5	35.8	32.6	29.4	27.1	24.8	22.5	20.1	17.7
-87.5°	19.9	18.9	17.9	16.9	15.8	14.7	13.6	12.4	11.2	10.1	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-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°	7.6	6.4	5.1	3.8	2.6	1.1	0.0
85°	15.2	12.7	10.2	7.7	5.1	2.2	0.0
82.5°	22.8	19.0	15.3	11.5	7.6	3.3	0.0
80°	30.7	25.3	20.3	15.3	10.2	4.5	0.0
77.5°	41.8	32.5	25.3	19.0	12.6	5.5	0.0
75°	52.8	41.3	30.6	22.8	15.1	6.6	0.0
72.5°	63.6	50.0	37.3	26.5	17.5	7.7	0.0
70°	74.4	58.4	43.8	30.3	19.8	8.7	0.0
67.5°	86.6	66.7	50.2	34.9	22.0	9.7	0.0
65°	98.7	75.8	56.5	39.4	24.2	10.7	0.0
62.5°	110.5	85.6	62.5	43.9	26.4	11.7	0.0
60°	122.0	95.2	68.4	48.1	28.4	12.6	0.0
57.5°	134.7	104.6	75.8	52.3	31.0	13.5	0.0
55°	147.2	113.7	83.1	56.3	33.6	14.4	0.0
52.5°	159.3	122.7	90.1	60.1	36.1	15.2	0.0
50°	171.0	132.5	96.9	63.8	38.6	16.0	0.0
47.5°	182.5	141.9	103.5	67.6	41.0	16.7	0.0
45°	194.7	150.9	109.8	72.3	43.3	17.4	0.0
42.5°	206.4	159.5	115.7	76.8	45.5	18.1	0.0
40°	217.6	167.7	121.9	81.2	47.6	18.7	0.0
37.5°	228.1	175.4	128.1	85.4	49.7	19.2	0.0
35°	238.1	183.4	133.9	89.4	51.6	19.8	0.0
32.5°	247.4	191.1	139.3	93.1	53.4	20.2	0.0
30°	256.1	198.3	144.4	96.6	55.2	20.7	0.0
27.5°	264.1	205.0	149.3	99.9	56.8	21.0	0.0
25°	271.4	211.1	153.9	102.9	58.3	21.4	0.0
22.5°	278.1	216.5	158.1	105.6	59.7	21.6	0.0
20°	284.0	221.3	161.8	108.1	61.0	21.9	0.0
17.5°	288.9	225.3	165.1	110.2	62.1	22.0	0.0
15°	292.9	228.7	168.0	112.1	63.1	22.2	0.0
12.5°	296.1	231.3	170.5	113.7	64.0	22.3	0.0
10°	298.6	233.3	172.5	115.0	64.7	22.3	0.0
7.5°	300.4	234.6	174.1	116.1	65.3	22.3	0.0
5°	301.3	235.3	175.2	116.8	65.7	22.2	0.0
2.5°	301.5	235.3	175.9	117.3	65.9	22.1	0.0
0°	300.9	234.8	176.1	117.4	66.0	22.0	0.0
-2.5°	301.5	235.3	175.9	117.3	65.9	22.1	0.0
-5°	301.3	235.3	175.2	116.8	65.7	22.2	0.0
-7.5°	300.4	234.6	174.1	116.1	65.3	22.3	0.0
-10°	298.6	233.3	172.5	115.0	64.7	22.3	0.0
-12.5°	296.1	231.3	170.5	113.7	64.0	22.3	0.0
-15°	292.9	228.7	168.0	112.1	63.1	22.2	0.0
-17.5°	288.9	225.3	165.1	110.2	62.1	22.0	0.0
-20°	284.0	221.3	161.8	108.1	61.0	21.9	0.0

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REPORT NUMBER: P627689 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	278.1	216.5	158.1	105.6	59.7	21.6	0.0
-25°	271.4	211.1	153.9	102.9	58.3	21.4	0.0
-27.5°	264.1	205.0	149.3	99.9	56.8	21.0	0.0
-30°	256.1	198.3	144.4	96.6	55.2	20.7	0.0
-32.5°	247.4	191.1	139.3	93.1	53.4	20.2	0.0
-35°	238.1	183.4	133.9	89.4	51.6	19.8	0.0
-37.5°	228.1	175.4	128.1	85.4	49.7	19.2	0.0
-40°	217.6	167.7	121.9	81.2	47.6	18.7	0.0
-42.5°	206.4	159.5	115.7	76.8	45.5	18.1	0.0
-45°	194.7	150.9	109.8	72.3	43.3	17.4	0.0
-47.5°	182.5	141.9	103.5	67.6	41.0	16.7	0.0
-50°	171.0	132.5	96.9	63.8	38.6	16.0	0.0
-52.5°	159.3	122.7	90.1	60.1	36.1	15.2	0.0
-55°	147.2	113.7	83.1	56.3	33.6	14.4	0.0
-57.5°	134.7	104.6	75.8	52.3	31.0	13.5	0.0
-60°	122.0	95.2	68.4	48.1	28.4	12.6	0.0
-62.5°	110.5	85.6	62.5	43.9	26.4	11.7	0.0
-65°	98.7	75.8	56.5	39.4	24.2	10.7	0.0
-67.5°	86.6	66.7	50.2	34.9	22.0	9.7	0.0
-70°	74.4	58.4	43.8	30.3	19.8	8.7	0.0
-72.5°	63.6	50.0	37.3	26.5	17.5	7.7	0.0
-75°	52.8	41.3	30.6	22.8	15.1	6.6	0.0
-77.5°	41.8	32.5	25.3	19.0	12.6	5.5	0.0
-80°	30.7	25.3	20.3	15.3	10.2	4.5	0.0
-82.5°	22.8	19.0	15.3	11.5	7.6	3.3	0.0
-85°	15.2	12.7	10.2	7.7	5.1	2.2	0.0
-87.5°	7.6	6.4	5.1	3.8	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)