

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: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-735-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N73
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

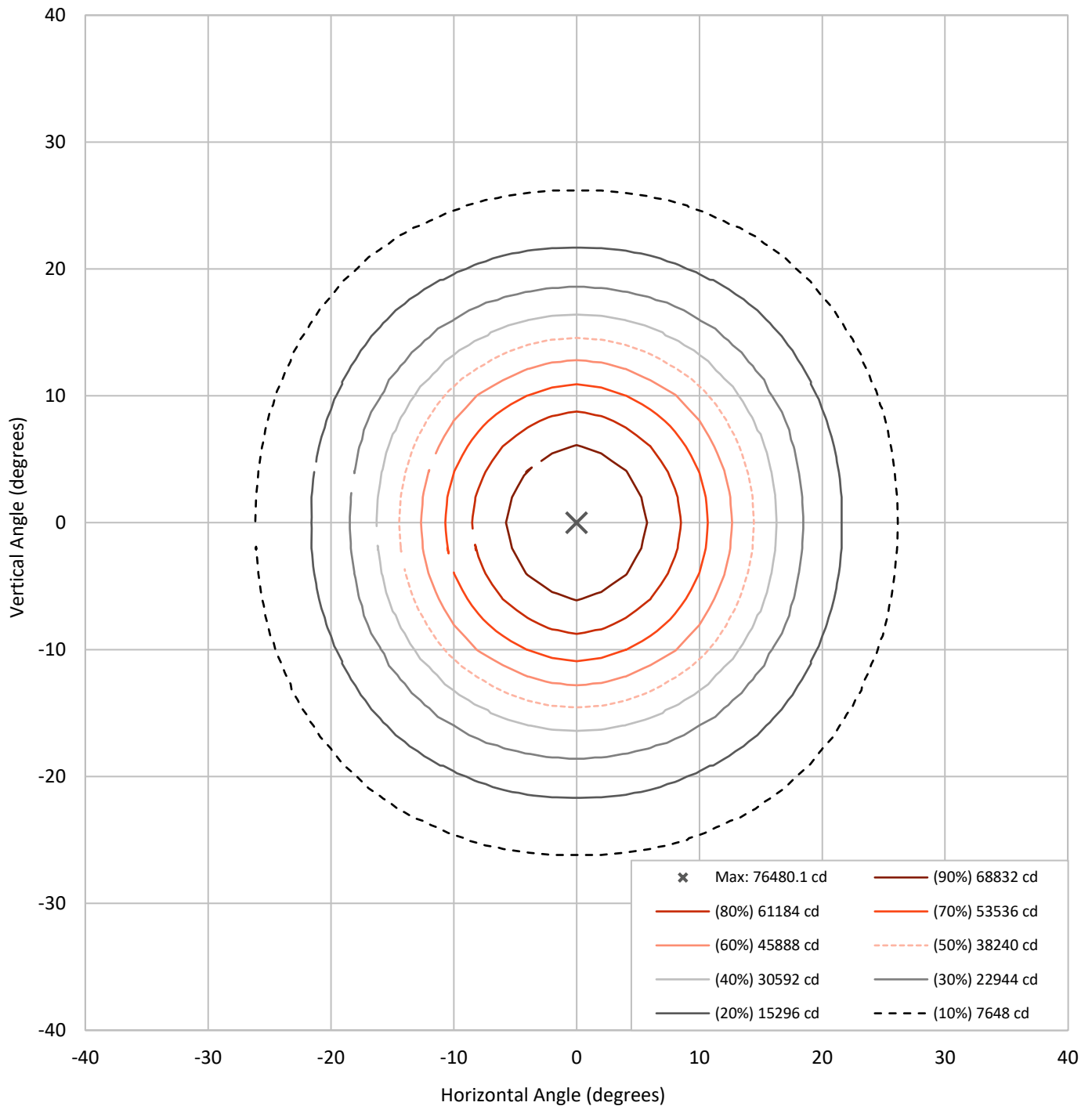
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23895 lumens	Max Intensity:	76480.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	11617.4 lumens	Field Lumens:	19605.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	185.2		
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		



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Iso-Candela Plot





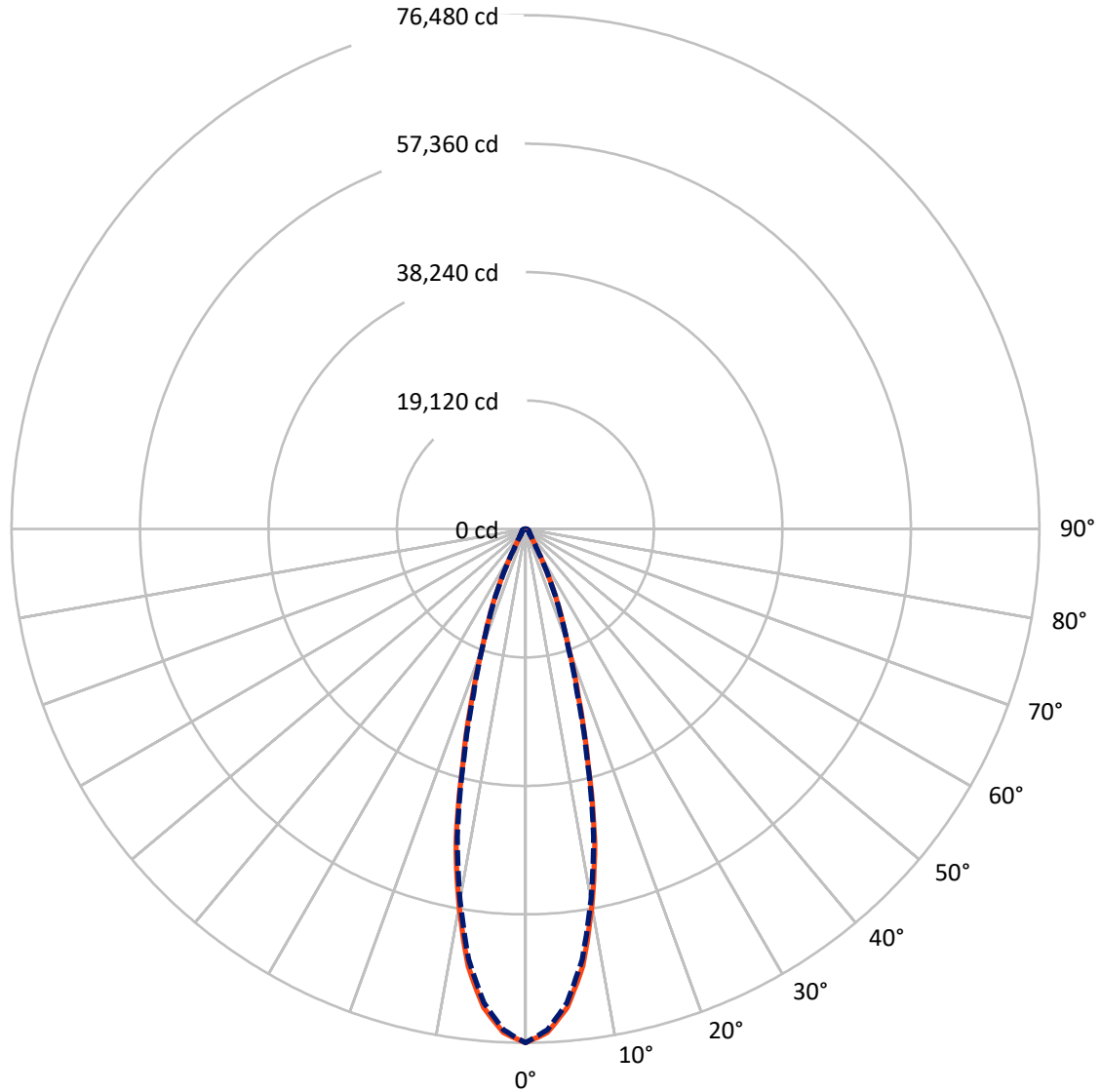
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Lumen Table

90																			
80	0.5	4.0		10.4		16.4		18.2		16.4		10.4		4.0		0.5			
70																			
60	1.8	2.1	4.1	6.7	9.4	11.6	12.9	13.6	13.6	12.9	11.6	9.4	6.7	4.1	2.1	1.8			
50		3.1	6.2	10.0	13.4	16.4	18.4	19.1	19.1	18.4	16.4	13.4	10.0	6.2	3.1				
40	3.2	3.9	7.9	12.3	16.4	20.7	24.3	26.1	26.1	24.3	20.7	16.4	12.3	7.9	3.9	3.2			
30		4.6	9.3	14.2	20.1	28.6	41.4	53.8	53.8	41.4	28.6	20.1	14.2	9.3	4.6				
20	4.0	5.2	10.2	16.0	25.7	55.9	157.3	278.9	278.9	157.3	55.9	25.7	16.0	10.2	5.2	4.0			
10		5.6	10.7	17.4	35.0	146.7	522.7	1001.6	1001.6	522.7	146.7	35.0	17.4	10.7	5.6				
0	4.3	5.8	10.9	18.3	44.5	253.1	967.5	1903.0	1903.0	967.5	253.1	44.5	18.3	10.9	5.8	4.3			
-10		5.8	10.9	18.3	44.5	253.1	967.5	1903.0	1903.0	967.5	253.1	44.5	18.3	10.9	5.8				
-20	4.0	5.6	10.7	17.4	35.0	146.7	522.7	1001.6	1001.6	522.7	146.7	35.0	17.4	10.7	5.6	4.0			
-30		5.2	10.2	16.0	25.7	55.9	157.3	278.9	278.9	157.3	55.9	25.7	16.0	10.2	5.2				
-40	3.2	4.6	9.3	14.2	20.1	28.6	41.4	53.8	53.8	41.4	28.6	20.1	14.2	9.3	4.6	3.2			
-50		3.9	7.9	12.3	16.4	20.7	24.3	26.1	26.1	24.3	20.7	16.4	12.3	7.9	3.9				
-60	1.8	3.1	6.2	10.0	13.4	16.4	18.4	19.1	19.1	18.4	16.4	13.4	10.0	6.2	3.1	1.8			
-70		2.1	4.1	6.7	9.4	11.6	12.9	13.6	13.6	12.9	11.6	9.4	6.7	4.1	2.1				
-80																			
-90	0.5	4.0		10.4		16.4		18.2		16.4		10.4		4.0		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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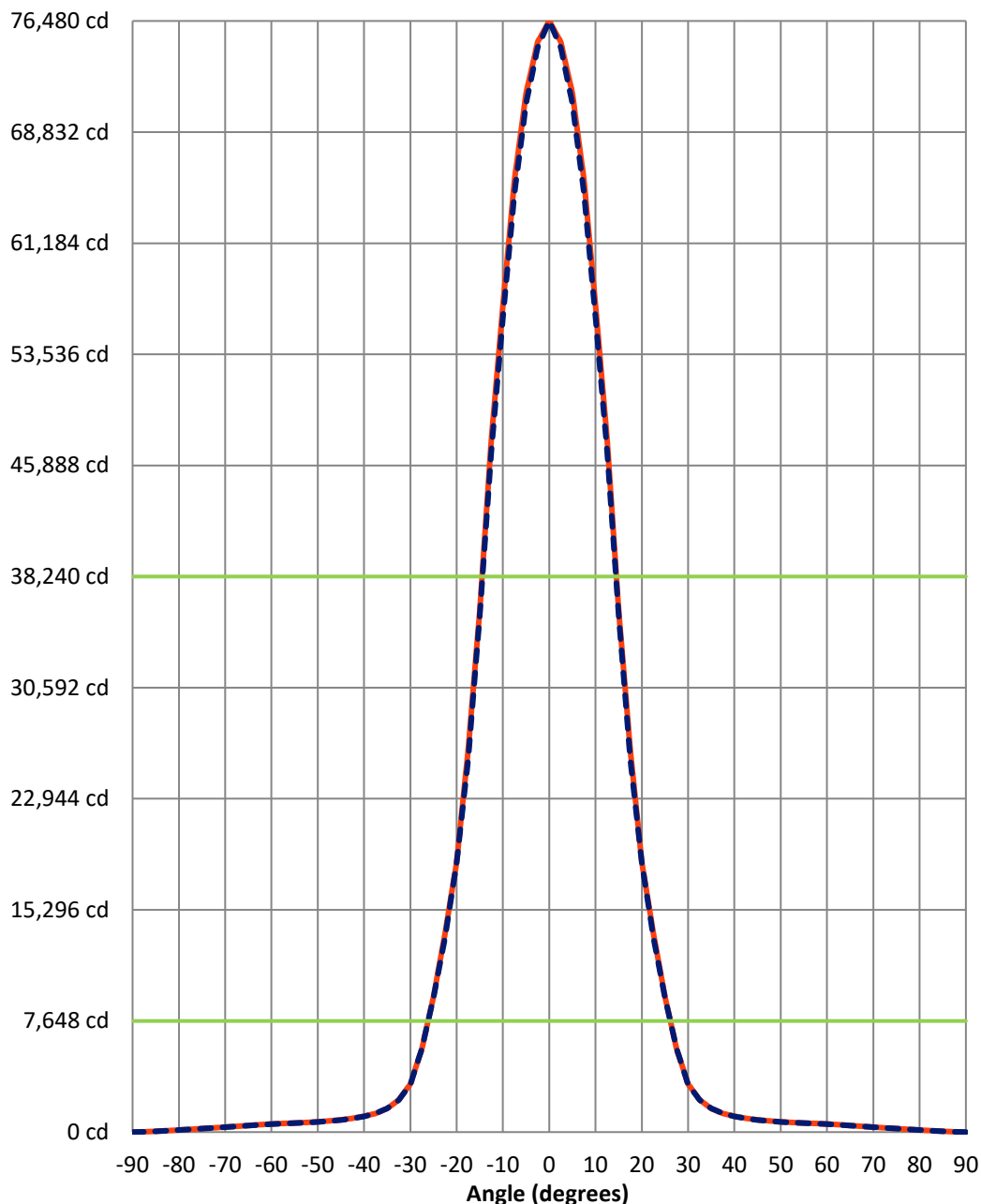
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 11617.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 19605.5
 Efficiency: 82.0%

Spill:
 Lumens: 4289.5
 Efficiency: 18.0%

- 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	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
85°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.4	15.0	16.5
82.5°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.6	20.5	25.1	30.0
80°	0.0	3.4	6.8	10.2	13.5	16.9	20.6	26.6	32.9	39.5	46.3
77.5°	0.0	4.2	8.5	12.7	16.9	22.1	29.4	37.1	45.2	53.7	63.0
75°	0.0	5.1	10.1	15.2	20.6	29.4	38.1	47.4	57.5	69.4	81.2
72.5°	0.0	5.9	11.8	17.6	26.4	36.5	46.6	58.2	72.0	85.6	99.1
70°	0.0	6.7	13.4	20.4	32.1	43.6	55.4	70.7	86.3	101.7	118.4
67.5°	0.0	7.5	15.0	24.6	37.6	50.6	66.1	83.0	100.4	119.2	137.8
65°	0.0	8.3	16.5	28.7	43.1	58.4	76.6	95.1	115.7	136.4	157.3
62.5°	0.0	9.0	18.1	32.7	48.5	67.0	87.0	108.0	130.8	153.5	177.4
60°	0.0	9.8	19.6	36.7	53.7	75.4	97.1	120.9	145.5	170.8	196.9
57.5°	0.0	10.5	22.1	40.5	60.3	83.7	107.7	133.5	160.1	187.6	216.2
55°	0.0	11.2	24.6	44.3	66.7	91.7	118.0	145.7	174.3	203.9	235.2
52.5°	0.0	11.9	27.0	47.9	72.9	99.5	128.0	157.6	187.9	220.5	253.6
50°	0.0	12.6	29.4	51.4	78.9	107.4	137.6	169.1	201.3	236.5	270.6
47.5°	0.0	13.2	31.6	55.0	84.7	115.0	146.8	180.2	215.0	252.0	286.8
45°	0.0	13.9	33.8	59.2	90.3	122.2	155.9	190.8	228.3	265.6	302.0
42.5°	0.0	14.4	35.9	63.2	95.6	129.1	164.6	201.4	240.8	278.5	316.0
40°	0.0	15.0	37.9	67.0	100.8	135.6	172.9	211.8	252.3	290.5	329.3
37.5°	0.0	15.5	39.8	70.5	105.7	141.7	180.8	221.4	262.5	302.1	341.8
35°	0.0	16.1	41.5	73.8	110.3	147.7	188.2	230.4	272.2	313.0	353.6
32.5°	0.0	16.5	43.2	76.8	114.6	153.5	195.3	238.7	281.2	323.2	365.0
30°	0.0	17.0	44.8	79.6	118.5	158.8	201.9	246.3	289.5	332.7	375.5
27.5°	0.0	17.4	46.2	82.2	122.1	163.8	208.0	253.0	297.2	341.4	385.3
25°	0.0	17.8	47.5	84.4	125.4	168.4	213.4	259.1	304.3	349.3	394.3
22.5°	0.0	18.1	48.8	86.5	128.5	172.5	218.3	264.6	310.6	356.5	403.2
20°	0.0	18.4	49.8	88.2	131.3	176.0	222.6	269.4	316.2	362.9	411.2
17.5°	0.0	18.7	50.8	89.7	133.8	179.1	226.5	273.6	321.0	368.4	418.1
15°	0.0	18.9	51.7	91.0	136.0	181.6	230.0	277.5	325.2	373.1	424.1
12.5°	0.0	19.1	52.4	92.0	137.9	183.6	233.1	281.2	329.0	376.9	428.9
10°	0.0	19.3	53.0	92.7	139.5	185.1	235.7	284.2	332.5	381.5	433.4
7.5°	0.0	19.4	53.4	93.2	140.7	186.2	237.8	286.6	335.2	385.5	438.4
5°	0.0	19.5	53.7	93.5	141.7	186.7	239.3	288.3	337.1	388.8	442.2
2.5°	0.0	19.6	53.9	93.5	142.2	186.8	240.2	289.3	338.3	391.2	445.0
0°	0.0	19.6	54.0	93.3	142.4	186.5	240.5	289.6	338.7	392.7	446.7
-2.5°	0.0	19.6	53.9	93.5	142.2	186.8	240.2	289.3	338.3	391.2	445.0
-5°	0.0	19.5	53.7	93.5	141.7	186.7	239.3	288.3	337.1	388.8	442.2
-7.5°	0.0	19.4	53.4	93.2	140.7	186.2	237.8	286.6	335.2	385.5	438.4
-10°	0.0	19.3	53.0	92.7	139.5	185.1	235.7	284.2	332.5	381.5	433.4
-12.5°	0.0	19.1	52.4	92.0	137.9	183.6	233.1	281.2	329.0	376.9	428.9
-15°	0.0	18.9	51.7	91.0	136.0	181.6	230.0	277.5	325.2	373.1	424.1
-17.5°	0.0	18.7	50.8	89.7	133.8	179.1	226.5	273.6	321.0	368.4	418.1
-20°	0.0	18.4	49.8	88.2	131.3	176.0	222.6	269.4	316.2	362.9	411.2

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CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.1	48.8	86.5	128.5	172.5	218.3	264.6	310.6	356.5	403.2
-25°	0.0	17.8	47.5	84.4	125.4	168.4	213.4	259.1	304.3	349.3	394.3
-27.5°	0.0	17.4	46.2	82.2	122.1	163.8	208.0	253.0	297.2	341.4	385.3
-30°	0.0	17.0	44.8	79.6	118.5	158.8	201.9	246.3	289.5	332.7	375.5
-32.5°	0.0	16.5	43.2	76.8	114.6	153.5	195.3	238.7	281.2	323.2	365.0
-35°	0.0	16.1	41.5	73.8	110.3	147.7	188.2	230.4	272.2	313.0	353.6
-37.5°	0.0	15.5	39.8	70.5	105.7	141.7	180.8	221.4	262.5	302.1	341.8
-40°	0.0	15.0	37.9	67.0	100.8	135.6	172.9	211.8	252.3	290.5	329.3
-42.5°	0.0	14.4	35.9	63.2	95.6	129.1	164.6	201.4	240.8	278.5	316.0
-45°	0.0	13.9	33.8	59.2	90.3	122.2	155.9	190.8	228.3	265.6	302.0
-47.5°	0.0	13.2	31.6	55.0	84.7	115.0	146.8	180.2	215.0	252.0	286.8
-50°	0.0	12.6	29.4	51.4	78.9	107.4	137.6	169.1	201.3	236.5	270.6
-52.5°	0.0	11.9	27.0	47.9	72.9	99.5	128.0	157.6	187.9	220.5	253.6
-55°	0.0	11.2	24.6	44.3	66.7	91.7	118.0	145.7	174.3	203.9	235.2
-57.5°	0.0	10.5	22.1	40.5	60.3	83.7	107.7	133.5	160.1	187.6	216.2
-60°	0.0	9.8	19.6	36.7	53.7	75.4	97.1	120.9	145.5	170.8	196.9
-62.5°	0.0	9.0	18.1	32.7	48.5	67.0	87.0	108.0	130.8	153.5	177.4
-65°	0.0	8.3	16.5	28.7	43.1	58.4	76.6	95.1	115.7	136.4	157.3
-67.5°	0.0	7.5	15.0	24.6	37.6	50.6	66.1	83.0	100.4	119.2	137.8
-70°	0.0	6.7	13.4	20.4	32.1	43.6	55.4	70.7	86.3	101.7	118.4
-72.5°	0.0	5.9	11.8	17.6	26.4	36.5	46.6	58.2	72.0	85.6	99.1
-75°	0.0	5.1	10.1	15.2	20.6	29.4	38.1	47.4	57.5	69.4	81.2
-77.5°	0.0	4.2	8.5	12.7	16.9	22.1	29.4	37.1	45.2	53.7	63.0
-80°	0.0	3.4	6.8	10.2	13.5	16.9	20.6	26.6	32.9	39.5	46.3
-82.5°	0.0	2.6	5.1	7.7	10.2	12.7	15.2	17.6	20.5	25.1	30.0
-85°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.4	15.0	16.5
-87.5°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
-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°	9.0	9.8	10.5	11.2	11.9	12.6	13.2	13.9	14.4	15.0	15.5
85°	18.1	19.6	22.5	25.3	28.1	30.8	33.4	35.8	38.2	40.5	42.6
82.5°	34.6	39.1	43.5	47.8	51.9	56.0	59.8	63.5	67.1	70.5	73.7
80°	52.6	58.6	64.7	70.2	75.7	81.0	86.2	91.2	95.9	101.0	106.4
77.5°	71.6	79.3	86.3	92.7	99.6	108.0	116.0	123.8	131.2	138.3	145.1
75°	91.2	100.0	109.6	119.0	128.9	139.0	148.7	158.1	167.3	176.6	186.0
72.5°	111.9	123.8	135.3	146.6	159.0	171.2	182.4	192.6	204.2	216.9	228.5
70°	133.7	147.5	162.0	176.5	190.6	204.2	218.0	232.0	246.1	259.8	272.8
67.5°	155.7	173.0	189.8	206.2	222.2	238.5	254.9	271.8	288.0	303.5	318.6
65°	179.1	198.4	217.2	235.6	253.4	273.3	292.8	311.6	332.1	351.2	367.7
62.5°	201.9	223.5	244.3	265.1	286.7	308.7	331.2	354.9	379.4	397.0	412.2
60°	223.8	248.1	271.4	295.2	319.3	344.1	370.1	395.2	417.6	436.9	452.9
57.5°	245.2	272.5	298.2	324.0	350.4	378.6	407.2	432.9	453.7	472.3	489.9
55°	265.9	296.1	323.5	351.0	381.0	414.0	443.3	466.5	487.8	503.2	520.0
52.5°	285.7	318.0	346.6	377.4	411.7	446.0	475.1	497.7	515.6	531.5	547.9
50°	304.5	337.0	368.8	403.8	440.0	474.4	503.9	524.7	542.7	559.3	575.0
47.5°	321.6	355.4	391.3	428.7	466.6	500.6	528.8	550.0	568.7	585.7	603.0
45°	337.7	374.0	412.2	453.2	492.0	525.7	551.4	574.1	592.0	611.2	632.9
42.5°	353.1	391.9	433.4	477.1	516.7	547.5	572.4	594.2	614.9	637.9	662.1
40°	368.3	408.6	453.5	499.4	539.8	566.5	591.4	614.5	638.4	664.5	690.9
37.5°	382.4	425.7	472.3	520.2	556.8	584.5	610.2	636.0	662.8	690.9	723.7
35°	395.3	441.5	490.3	536.7	571.7	601.9	629.6	657.5	687.5	721.9	758.1
32.5°	407.9	455.8	507.1	550.5	585.4	617.6	648.1	679.8	714.1	751.9	793.3
30°	420.3	469.9	521.8	564.7	597.5	630.6	666.4	701.5	739.7	781.7	830.3
27.5°	432.4	482.9	534.0	575.8	608.2	641.8	680.2	723.0	764.7	810.6	867.0
25°	443.4	496.3	546.1	584.6	617.4	652.6	692.7	738.2	787.3	841.9	910.9
22.5°	453.9	508.3	557.6	592.0	625.1	662.1	705.2	753.3	806.6	869.9	954.3
20°	463.7	517.7	565.2	598.9	631.4	669.6	715.9	766.6	827.5	904.3	1005.1
17.5°	472.2	525.7	570.5	604.6	638.1	677.4	725.1	777.9	846.3	934.6	1053.9
15°	479.5	532.2	575.0	608.9	643.7	685.3	734.5	792.0	866.9	964.2	1096.0
12.5°	485.5	537.3	578.8	612.1	648.1	691.2	742.5	805.7	887.6	996.6	1152.8
10°	490.2	541.0	581.8	614.0	651.2	695.1	748.8	816.3	904.2	1023.6	1201.4
7.5°	494.8	544.2	584.0	614.9	653.0	697.1	753.2	823.8	916.4	1043.9	1240.2
5°	498.1	547.3	585.2	616.7	654.1	698.0	756.2	828.2	924.0	1057.3	1267.6
2.5°	500.1	549.2	585.3	618.1	654.2	698.3	759.7	830.6	932.5	1068.6	1283.2
0°	500.7	549.8	584.2	618.6	652.9	697.1	760.9	829.7	937.7	1075.1	1286.2
-2.5°	500.1	549.2	585.3	618.1	654.2	698.3	759.7	830.6	932.5	1068.6	1283.2
-5°	498.1	547.3	585.2	616.7	654.1	698.0	756.2	828.2	924.0	1057.3	1267.6
-7.5°	494.8	544.2	584.0	614.9	653.0	697.1	753.2	823.8	916.4	1043.9	1240.2
-10°	490.2	541.0	581.8	614.0	651.2	695.1	748.8	816.3	904.2	1023.6	1201.4
-12.5°	485.5	537.3	578.8	612.1	648.1	691.2	742.5	805.7	887.6	996.6	1152.8
-15°	479.5	532.2	575.0	608.9	643.7	685.3	734.5	792.0	866.9	964.2	1096.0
-17.5°	472.2	525.7	570.5	604.6	638.1	677.4	725.1	777.9	846.3	934.6	1053.9
-20°	463.7	517.7	565.2	598.9	631.4	669.6	715.9	766.6	827.5	904.3	1005.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	453.9	508.3	557.6	592.0	625.1	662.1	705.2	753.3	806.6	869.9	954.3
-25°	443.4	496.3	546.1	584.6	617.4	652.6	692.7	738.2	787.3	841.9	910.9
-27.5°	432.4	482.9	534.0	575.8	608.2	641.8	680.2	723.0	764.7	810.6	867.0
-30°	420.3	469.9	521.8	564.7	597.5	630.6	666.4	701.5	739.7	781.7	830.3
-32.5°	407.9	455.8	507.1	550.5	585.4	617.6	648.1	679.8	714.1	751.9	793.3
-35°	395.3	441.5	490.3	536.7	571.7	601.9	629.6	657.5	687.5	721.9	758.1
-37.5°	382.4	425.7	472.3	520.2	556.8	584.5	610.2	636.0	662.8	690.9	723.7
-40°	368.3	408.6	453.5	499.4	539.8	566.5	591.4	614.5	638.4	664.5	690.9
-42.5°	353.1	391.9	433.4	477.1	516.7	547.5	572.4	594.2	614.9	637.9	662.1
-45°	337.7	374.0	412.2	453.2	492.0	525.7	551.4	574.1	592.0	611.2	632.9
-47.5°	321.6	355.4	391.3	428.7	466.6	500.6	528.8	550.0	568.7	585.7	603.0
-50°	304.5	337.0	368.8	403.8	440.0	474.4	503.9	524.7	542.7	559.3	575.0
-52.5°	285.7	318.0	346.6	377.4	411.7	446.0	475.1	497.7	515.6	531.5	547.9
-55°	265.9	296.1	323.5	351.0	381.0	414.0	443.3	466.5	487.8	503.2	520.0
-57.5°	245.2	272.5	298.2	324.0	350.4	378.6	407.2	432.9	453.7	472.3	489.9
-60°	223.8	248.1	271.4	295.2	319.3	344.1	370.1	395.2	417.6	436.9	452.9
-62.5°	201.9	223.5	244.3	265.1	286.7	308.7	331.2	354.9	379.4	397.0	412.2
-65°	179.1	198.4	217.2	235.6	253.4	273.3	292.8	311.6	332.1	351.2	367.7
-67.5°	155.7	173.0	189.8	206.2	222.2	238.5	254.9	271.8	288.0	303.5	318.6
-70°	133.7	147.5	162.0	176.5	190.6	204.2	218.0	232.0	246.1	259.8	272.8
-72.5°	111.9	123.8	135.3	146.6	159.0	171.2	182.4	192.6	204.2	216.9	228.5
-75°	91.2	100.0	109.6	119.0	128.9	139.0	148.7	158.1	167.3	176.6	186.0
-77.5°	71.6	79.3	86.3	92.7	99.6	108.0	116.0	123.8	131.2	138.3	145.1
-80°	52.6	58.6	64.7	70.2	75.7	81.0	86.2	91.2	95.9	101.0	106.4
-82.5°	34.6	39.1	43.5	47.8	51.9	56.0	59.8	63.5	67.1	70.5	73.7
-85°	18.1	19.6	22.5	25.3	28.1	30.8	33.4	35.8	38.2	40.5	42.6
-87.5°	9.0	9.8	10.5	11.2	11.9	12.6	13.2	13.9	14.4	15.0	15.5
-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: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-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°	16.1	16.5	17.0	17.4	17.8	18.1	18.4	18.7	18.9	19.1	19.3
85°	44.7	46.6	48.3	50.0	51.5	51.9	52.0	51.9	51.7	52.4	53.0
82.5°	76.8	80.2	83.7	87.2	90.5	91.8	92.7	93.3	93.7	95.0	96.2
80°	111.5	116.9	122.0	126.5	130.5	133.4	136.0	138.4	140.6	141.6	142.1
77.5°	151.9	158.5	164.7	170.4	175.7	179.8	183.2	186.0	188.0	189.4	190.3
75°	195.3	203.6	211.1	218.0	224.3	228.8	231.9	234.2	235.7	237.3	238.6
72.5°	239.1	248.6	257.5	265.8	273.1	278.2	281.8	284.7	286.9	288.5	289.3
70°	285.2	296.6	306.3	314.7	321.2	326.2	330.0	333.2	335.6	337.2	338.1
67.5°	333.0	345.1	354.2	361.5	367.5	372.7	377.5	381.0	383.3	385.7	388.2
65°	381.6	393.9	403.3	411.0	417.3	424.0	430.2	434.8	437.8	440.6	443.4
62.5°	427.3	441.3	452.1	462.3	472.5	482.2	487.8	492.1	495.2	497.9	501.1
60°	468.9	484.8	498.0	510.2	522.8	535.3	540.5	544.6	548.4	552.0	555.2
57.5°	505.8	522.6	538.8	550.9	562.8	574.6	582.7	587.1	590.1	591.7	593.1
55°	537.9	554.8	570.8	584.8	597.8	609.8	618.9	623.2	626.4	628.4	629.7
52.5°	566.7	584.7	601.9	617.3	631.4	644.4	655.6	661.6	666.5	669.9	671.0
50°	594.9	614.4	633.0	649.5	665.9	681.4	695.8	704.1	709.9	713.5	714.6
47.5°	624.4	645.6	665.7	684.9	703.4	721.9	738.9	750.2	758.6	764.8	769.2
45°	655.1	677.9	700.2	722.8	744.1	767.9	789.4	805.9	818.1	828.6	837.1
42.5°	686.1	711.7	737.2	766.4	795.5	822.5	848.1	869.9	889.9	909.4	924.7
40°	719.7	747.7	782.6	817.2	853.1	884.6	921.9	955.3	986.0	1019.1	1046.5
37.5°	756.4	792.4	833.8	875.3	921.9	967.1	1019.2	1070.6	1115.3	1173.3	1219.8
35°	796.4	842.1	890.9	946.6	1006.7	1077.6	1150.6	1236.2	1308.8	1401.0	1486.1
32.5°	841.0	894.7	958.0	1034.5	1115.7	1229.7	1336.5	1481.6	1605.6	1765.6	1940.4
30°	886.3	955.6	1041.9	1140.7	1278.0	1439.7	1628.2	1873.5	2138.8	2413.2	2782.7
27.5°	940.1	1030.1	1137.8	1290.4	1495.7	1719.6	2103.6	2518.4	3096.1	3553.5	4368.2
25°	998.0	1109.4	1268.4	1489.6	1773.4	2226.4	2874.7	3625.5	4781.6	5809.9	6991.8
22.5°	1066.5	1217.9	1428.5	1718.1	2212.7	2992.1	4004.1	5545.8	7259.7	8951.2	10497.3
20°	1139.2	1322.0	1616.4	2088.1	2852.6	3979.5	5785.2	7988.2	10263.4	12581.6	14535.1
17.5°	1223.9	1472.2	1860.0	2486.6	3577.2	5506.7	7918.4	10719.6	13692.1	16650.2	19219.7
15°	1296.8	1603.5	2125.8	3064.2	4690.6	7104.1	10068.1	13606.0	17344.1	21183.0	25343.7
12.5°	1389.7	1761.7	2399.6	3541.9	5678.5	8815.3	12442.2	16549.7	21114.4	26211.6	32698.1
10°	1474.9	1927.7	2759.8	4307.1	6866.0	10413.9	14492.8	19153.0	25073.8	32733.6	40557.9
7.5°	1543.2	2059.4	3039.1	4904.2	7861.8	11779.6	16339.3	21926.6	29313.3	38434.4	47374.1
5°	1590.7	2150.6	3239.0	5355.4	8662.9	12823.3	17649.6	23971.2	32886.6	43100.7	52228.8
2.5°	1620.6	2200.5	3336.8	5623.2	9185.4	13451.4	18467.2	25270.6	35076.8	46071.2	55313.1
0°	1634.8	2209.1	3274.4	5753.6	9258.7	13407.0	18542.0	25704.5	35596.5	46877.8	56082.5
-2.5°	1620.6	2200.5	3336.8	5623.2	9185.4	13451.4	18467.2	25270.6	35076.8	46071.2	55313.1
-5°	1590.7	2150.6	3239.0	5355.4	8662.9	12823.3	17649.6	23971.2	32886.6	43100.7	52228.8
-7.5°	1543.2	2059.4	3039.1	4904.2	7861.8	11779.6	16339.3	21926.6	29313.3	38434.4	47374.1
-10°	1474.9	1927.7	2759.8	4307.1	6866.0	10413.9	14492.8	19153.0	25073.8	32733.6	40557.9
-12.5°	1389.7	1761.7	2399.6	3541.9	5678.5	8815.3	12442.2	16549.7	21114.4	26211.6	32698.1
-15°	1296.8	1603.5	2125.8	3064.2	4690.6	7104.1	10068.1	13606.0	17344.1	21183.0	25343.7
-17.5°	1223.9	1472.2	1860.0	2486.6	3577.2	5506.7	7918.4	10719.6	13692.1	16650.2	19219.7
-20°	1139.2	1322.0	1616.4	2088.1	2852.6	3979.5	5785.2	7988.2	10263.4	12581.6	14535.1



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1066.5	1217.9	1428.5	1718.1	2212.7	2992.1	4004.1	5545.8	7259.7	8951.2	10497.3
-25°	998.0	1109.4	1268.4	1489.6	1773.4	2226.4	2874.7	3625.5	4781.6	5809.9	6991.8
-27.5°	940.1	1030.1	1137.8	1290.4	1495.7	1719.6	2103.6	2518.4	3096.1	3553.5	4368.2
-30°	886.3	955.6	1041.9	1140.7	1278.0	1439.7	1628.2	1873.5	2138.8	2413.2	2782.7
-32.5°	841.0	894.7	958.0	1034.5	1115.7	1229.7	1336.5	1481.6	1605.6	1765.6	1940.4
-35°	796.4	842.1	890.9	946.6	1006.7	1077.6	1150.6	1236.2	1308.8	1401.0	1486.1
-37.5°	756.4	792.4	833.8	875.3	921.9	967.1	1019.2	1070.6	1115.3	1173.3	1219.8
-40°	719.7	747.7	782.6	817.2	853.1	884.6	921.9	955.3	986.0	1019.1	1046.5
-42.5°	686.1	711.7	737.2	766.4	795.5	822.5	848.1	869.9	889.9	909.4	924.7
-45°	655.1	677.9	700.2	722.8	744.1	767.9	789.4	805.9	818.1	828.6	837.1
-47.5°	624.4	645.6	665.7	684.9	703.4	721.9	738.9	750.2	758.6	764.8	769.2
-50°	594.9	614.4	633.0	649.5	665.9	681.4	695.8	704.1	709.9	713.5	714.6
-52.5°	566.7	584.7	601.9	617.3	631.4	644.4	655.6	661.6	666.5	669.9	671.0
-55°	537.9	554.8	570.8	584.8	597.8	609.8	618.9	623.2	626.4	628.4	629.7
-57.5°	505.8	522.6	538.8	550.9	562.8	574.6	582.7	587.1	590.1	591.7	593.1
-60°	468.9	484.8	498.0	510.2	522.8	535.3	540.5	544.6	548.4	552.0	555.2
-62.5°	427.3	441.3	452.1	462.3	472.5	482.2	487.8	492.1	495.2	497.9	501.1
-65°	381.6	393.9	403.3	411.0	417.3	424.0	430.2	434.8	437.8	440.6	443.4
-67.5°	333.0	345.1	354.2	361.5	367.5	372.7	377.5	381.0	383.3	385.7	388.2
-70°	285.2	296.6	306.3	314.7	321.2	326.2	330.0	333.2	335.6	337.2	338.1
-72.5°	239.1	248.6	257.5	265.8	273.1	278.2	281.8	284.7	286.9	288.5	289.3
-75°	195.3	203.6	211.1	218.0	224.3	228.8	231.9	234.2	235.7	237.3	238.6
-77.5°	151.9	158.5	164.7	170.4	175.7	179.8	183.2	186.0	188.0	189.4	190.3
-80°	111.5	116.9	122.0	126.5	130.5	133.4	136.0	138.4	140.6	141.6	142.1
-82.5°	76.8	80.2	83.7	87.2	90.5	91.8	92.7	93.3	93.7	95.0	96.2
-85°	44.7	46.6	48.3	50.0	51.5	51.9	52.0	51.9	51.7	52.4	53.0
-87.5°	16.1	16.5	17.0	17.4	17.8	18.1	18.4	18.7	18.9	19.1	19.3
-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: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MR-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°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.9	18.7
85°	53.4	53.7	53.9	54.0	53.9	53.7	53.4	53.0	52.4	51.7	51.9
82.5°	97.1	97.7	98.1	98.2	98.1	97.7	97.1	96.2	95.0	93.7	93.3
80°	142.1	141.8	142.2	142.4	142.2	141.8	142.1	142.1	141.6	140.6	138.4
77.5°	190.7	190.6	191.3	191.5	191.3	190.6	190.7	190.3	189.4	188.0	186.0
75°	239.3	239.4	240.2	240.5	240.2	239.4	239.3	238.6	237.3	235.7	234.2
72.5°	289.3	288.5	289.3	289.6	289.3	288.5	289.3	289.3	288.5	286.9	284.7
70°	338.1	337.5	340.6	343.6	340.6	337.5	338.1	338.1	337.2	335.6	333.2
67.5°	390.0	391.0	394.5	397.6	394.5	391.0	390.0	388.2	385.7	383.3	381.0
65°	444.9	445.0	448.3	451.6	448.3	445.0	444.9	443.4	440.6	437.8	434.8
62.5°	503.0	503.6	507.1	510.6	507.1	503.6	503.0	501.1	497.9	495.2	492.1
60°	557.1	557.6	558.9	559.6	558.9	557.6	557.1	555.2	552.0	548.4	544.6
57.5°	593.5	593.0	593.5	594.0	593.5	593.0	593.5	593.1	591.7	590.1	587.1
55°	629.5	627.9	626.0	623.5	626.0	627.9	629.5	629.7	628.4	626.4	623.2
52.5°	670.1	667.5	665.1	662.7	665.1	667.5	670.1	671.0	669.9	666.5	661.6
50°	713.9	711.6	709.3	706.9	709.3	711.6	713.9	714.6	713.5	709.9	704.1
47.5°	772.3	773.3	772.8	770.7	772.8	773.3	772.3	769.2	764.8	758.6	750.2
45°	843.1	845.9	846.3	844.4	846.3	845.9	843.1	837.1	828.6	818.1	805.9
42.5°	935.5	941.7	945.1	947.5	945.1	941.7	935.5	924.7	909.4	889.9	869.9
40°	1066.5	1079.1	1087.2	1094.7	1087.2	1079.1	1066.5	1046.5	1019.1	986.0	955.3
37.5°	1254.3	1277.3	1287.6	1281.3	1287.6	1277.3	1254.3	1219.8	1173.3	1115.3	1070.6
35°	1551.7	1595.4	1618.1	1620.0	1618.1	1595.4	1551.7	1486.1	1401.0	1308.8	1236.2
32.5°	2069.5	2159.1	2207.3	2214.0	2207.3	2159.1	2069.5	1940.4	1765.6	1605.6	1481.6
30°	3065.5	3248.2	3334.0	3313.7	3334.0	3248.2	3065.5	2782.7	2413.2	2138.8	1873.5
27.5°	5001.5	5457.1	5727.2	5748.7	5727.2	5457.1	5001.5	4368.2	3553.5	3096.1	2518.4
25°	8038.5	8816.4	9314.5	9322.5	9314.5	8816.4	8038.5	6991.8	5809.9	4781.6	3625.5
22.5°	11926.9	12988.7	13570.5	13672.1	13570.5	12988.7	11926.9	10497.3	8951.2	7259.7	5545.8
20°	16431.7	17844.3	18600.0	18600.9	18600.0	17844.3	16431.7	14535.1	12581.6	10263.4	7988.2
17.5°	21979.7	24273.3	25713.1	26332.8	25713.1	24273.3	21979.7	19219.7	16650.2	13692.1	10719.6
15°	29350.2	33204.5	35514.1	35930.3	35514.1	33204.5	29350.2	25343.7	21183.0	17344.1	13606.0
12.5°	38324.7	43202.3	46481.2	47682.9	46481.2	43202.3	38324.7	32698.1	26211.6	21114.4	16549.7
10°	47694.7	52214.2	55726.8	56907.2	55726.8	52214.2	47694.7	40557.9	32733.6	25073.8	19153.0
7.5°	54463.8	59853.1	63809.8	65547.4	63809.8	59853.1	54463.8	47374.1	38434.4	29313.3	21926.6
5°	59807.4	66184.3	69867.5	71502.2	69867.5	66184.3	59807.4	52228.8	43100.7	32886.6	23971.2
2.5°	63313.5	69614.4	73514.7	75022.1	73514.7	69614.4	63313.5	55313.1	46071.2	35076.8	25270.6
0°	64624.5	70785.5	74639.2	76480.1	74639.2	70785.5	64624.5	56082.5	46877.8	35596.5	25704.5
-2.5°	63313.5	69614.4	73514.7	75022.1	73514.7	69614.4	63313.5	55313.1	46071.2	35076.8	25270.6
-5°	59807.4	66184.3	69867.5	71502.2	69867.5	66184.3	59807.4	52228.8	43100.7	32886.6	23971.2
-7.5°	54463.8	59853.1	63809.8	65547.4	63809.8	59853.1	54463.8	47374.1	38434.4	29313.3	21926.6
-10°	47694.7	52214.2	55726.8	56907.2	55726.8	52214.2	47694.7	40557.9	32733.6	25073.8	19153.0
-12.5°	38324.7	43202.3	46481.2	47682.9	46481.2	43202.3	38324.7	32698.1	26211.6	21114.4	16549.7
-15°	29350.2	33204.5	35514.1	35930.3	35514.1	33204.5	29350.2	25343.7	21183.0	17344.1	13606.0
-17.5°	21979.7	24273.3	25713.1	26332.8	25713.1	24273.3	21979.7	19219.7	16650.2	13692.1	10719.6
-20°	16431.7	17844.3	18600.0	18600.9	18600.0	17844.3	16431.7	14535.1	12581.6	10263.4	7988.2



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11926.9	12988.7	13570.5	13672.1	13570.5	12988.7	11926.9	10497.3	8951.2	7259.7	5545.8
-25°	8038.5	8816.4	9314.5	9322.5	9314.5	8816.4	8038.5	6991.8	5809.9	4781.6	3625.5
-27.5°	5001.5	5457.1	5727.2	5748.7	5727.2	5457.1	5001.5	4368.2	3553.5	3096.1	2518.4
-30°	3065.5	3248.2	3334.0	3313.7	3334.0	3248.2	3065.5	2782.7	2413.2	2138.8	1873.5
-32.5°	2069.5	2159.1	2207.3	2214.0	2207.3	2159.1	2069.5	1940.4	1765.6	1605.6	1481.6
-35°	1551.7	1595.4	1618.1	1620.0	1618.1	1595.4	1551.7	1486.1	1401.0	1308.8	1236.2
-37.5°	1254.3	1277.3	1287.6	1281.3	1287.6	1277.3	1254.3	1219.8	1173.3	1115.3	1070.6
-40°	1066.5	1079.1	1087.2	1094.7	1087.2	1079.1	1066.5	1046.5	1019.1	986.0	955.3
-42.5°	935.5	941.7	945.1	947.5	945.1	941.7	935.5	924.7	909.4	889.9	869.9
-45°	843.1	845.9	846.3	844.4	846.3	845.9	843.1	837.1	828.6	818.1	805.9
-47.5°	772.3	773.3	772.8	770.7	772.8	773.3	772.3	769.2	764.8	758.6	750.2
-50°	713.9	711.6	709.3	706.9	709.3	711.6	713.9	714.6	713.5	709.9	704.1
-52.5°	670.1	667.5	665.1	662.7	665.1	667.5	670.1	671.0	669.9	666.5	661.6
-55°	629.5	627.9	626.0	623.5	626.0	627.9	629.5	629.7	628.4	626.4	623.2
-57.5°	593.5	593.0	593.5	594.0	593.5	593.0	593.5	593.1	591.7	590.1	587.1
-60°	557.1	557.6	558.9	559.6	558.9	557.6	557.1	555.2	552.0	548.4	544.6
-62.5°	503.0	503.6	507.1	510.6	507.1	503.6	503.0	501.1	497.9	495.2	492.1
-65°	444.9	445.0	448.3	451.6	448.3	445.0	444.9	443.4	440.6	437.8	434.8
-67.5°	390.0	391.0	394.5	397.6	394.5	391.0	390.0	388.2	385.7	383.3	381.0
-70°	338.1	337.5	340.6	343.6	340.6	337.5	338.1	338.1	337.2	335.6	333.2
-72.5°	289.3	288.5	289.3	289.6	289.3	288.5	289.3	289.3	288.5	286.9	284.7
-75°	239.3	239.4	240.2	240.5	240.2	239.4	239.3	238.6	237.3	235.7	234.2
-77.5°	190.7	190.6	191.3	191.5	191.3	190.6	190.7	190.3	189.4	188.0	186.0
-80°	142.1	141.8	142.2	142.4	142.2	141.8	142.1	142.1	141.6	140.6	138.4
-82.5°	97.1	97.7	98.1	98.2	98.1	97.7	97.1	96.2	95.0	93.7	93.3
-85°	53.4	53.7	53.9	54.0	53.9	53.7	53.4	53.0	52.4	51.7	51.9
-87.5°	19.4	19.5	19.6	19.6	19.6	19.5	19.4	19.3	19.1	18.9	18.7
-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: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-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°	18.4	18.1	17.8	17.4	17.0	16.5	16.1	15.5	15.0	14.4	13.9
85°	52.0	51.9	51.5	50.0	48.3	46.6	44.7	42.6	40.5	38.2	35.8
82.5°	92.7	91.8	90.5	87.2	83.7	80.2	76.8	73.7	70.5	67.1	63.5
80°	136.0	133.4	130.5	126.5	122.0	116.9	111.5	106.4	101.0	95.9	91.2
77.5°	183.2	179.8	175.7	170.4	164.7	158.5	151.9	145.1	138.3	131.2	123.8
75°	231.9	228.8	224.3	218.0	211.1	203.6	195.3	186.0	176.6	167.3	158.1
72.5°	281.8	278.2	273.1	265.8	257.5	248.6	239.1	228.5	216.9	204.2	192.6
70°	330.0	326.2	321.2	314.7	306.3	296.6	285.2	272.8	259.8	246.1	232.0
67.5°	377.5	372.7	367.5	361.5	354.2	345.1	333.0	318.6	303.5	288.0	271.8
65°	430.2	424.0	417.3	411.0	403.3	393.9	381.6	367.7	351.2	332.1	311.6
62.5°	487.8	482.2	472.5	462.3	452.1	441.3	427.3	412.2	397.0	379.4	354.9
60°	540.5	535.3	522.8	510.2	498.0	484.8	468.9	452.9	436.9	417.6	395.2
57.5°	582.7	574.6	562.8	550.9	538.8	522.6	505.8	489.9	472.3	453.7	432.9
55°	618.9	609.8	597.8	584.8	570.8	554.8	537.9	520.0	503.2	487.8	466.5
52.5°	655.6	644.4	631.4	617.3	601.9	584.7	566.7	547.9	531.5	515.6	497.7
50°	695.8	681.4	665.9	649.5	633.0	614.4	594.9	575.0	559.3	542.7	524.7
47.5°	738.9	721.9	703.4	684.9	665.7	645.6	624.4	603.0	585.7	568.7	550.0
45°	789.4	767.9	744.1	722.8	700.2	677.9	655.1	632.9	611.2	592.0	574.1
42.5°	848.1	822.5	795.5	766.4	737.2	711.7	686.1	662.1	637.9	614.9	594.2
40°	921.9	884.6	853.1	817.2	782.6	747.7	719.7	690.9	664.5	638.4	614.5
37.5°	1019.2	967.1	921.9	875.3	833.8	792.4	756.4	723.7	690.9	662.8	636.0
35°	1150.6	1077.6	1006.7	946.6	890.9	842.1	796.4	758.1	721.9	687.5	657.5
32.5°	1336.5	1229.7	1115.7	1034.5	958.0	894.7	841.0	793.3	751.9	714.1	679.8
30°	1628.2	1439.7	1278.0	1140.7	1041.9	955.6	886.3	830.3	781.7	739.7	701.5
27.5°	2103.6	1719.6	1495.7	1290.4	1137.8	1030.1	940.1	867.0	810.6	764.7	723.0
25°	2874.7	2226.4	1773.4	1489.6	1268.4	1109.4	998.0	910.9	841.9	787.3	738.2
22.5°	4004.1	2992.1	2212.7	1718.1	1428.5	1217.9	1066.5	954.3	869.9	806.6	753.3
20°	5785.2	3979.5	2852.6	2088.1	1616.4	1322.0	1139.2	1005.1	904.3	827.5	766.6
17.5°	7918.4	5506.7	3577.2	2486.6	1860.0	1472.2	1223.9	1053.9	934.6	846.3	777.9
15°	10068.1	7104.1	4690.6	3064.2	2125.8	1603.5	1296.8	1096.0	964.2	866.9	792.0
12.5°	12442.2	8815.3	5678.5	3541.9	2399.6	1761.7	1389.7	1152.8	996.6	887.6	805.7
10°	14492.8	10413.9	6866.0	4307.1	2759.8	1927.7	1474.9	1201.4	1023.6	904.2	816.3
7.5°	16339.3	11779.6	7861.8	4904.2	3039.1	2059.4	1543.2	1240.2	1043.9	916.4	823.8
5°	17649.6	12823.3	8662.9	5355.4	3239.0	2150.6	1590.7	1267.6	1057.3	924.0	828.2
2.5°	18467.2	13451.4	9185.4	5623.2	3336.8	2200.5	1620.6	1283.2	1068.6	932.5	830.6
0°	18542.0	13407.0	9258.7	5753.6	3274.4	2209.1	1634.8	1286.2	1075.1	937.7	829.7
-2.5°	18467.2	13451.4	9185.4	5623.2	3336.8	2200.5	1620.6	1283.2	1068.6	932.5	830.6
-5°	17649.6	12823.3	8662.9	5355.4	3239.0	2150.6	1590.7	1267.6	1057.3	924.0	828.2
-7.5°	16339.3	11779.6	7861.8	4904.2	3039.1	2059.4	1543.2	1240.2	1043.9	916.4	823.8
-10°	14492.8	10413.9	6866.0	4307.1	2759.8	1927.7	1474.9	1201.4	1023.6	904.2	816.3
-12.5°	12442.2	8815.3	5678.5	3541.9	2399.6	1761.7	1389.7	1152.8	996.6	887.6	805.7
-15°	10068.1	7104.1	4690.6	3064.2	2125.8	1603.5	1296.8	1096.0	964.2	866.9	792.0
-17.5°	7918.4	5506.7	3577.2	2486.6	1860.0	1472.2	1223.9	1053.9	934.6	846.3	777.9
-20°	5785.2	3979.5	2852.6	2088.1	1616.4	1322.0	1139.2	1005.1	904.3	827.5	766.6



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4004.1	2992.1	2212.7	1718.1	1428.5	1217.9	1066.5	954.3	869.9	806.6	753.3
-25°	2874.7	2226.4	1773.4	1489.6	1268.4	1109.4	998.0	910.9	841.9	787.3	738.2
-27.5°	2103.6	1719.6	1495.7	1290.4	1137.8	1030.1	940.1	867.0	810.6	764.7	723.0
-30°	1628.2	1439.7	1278.0	1140.7	1041.9	955.6	886.3	830.3	781.7	739.7	701.5
-32.5°	1336.5	1229.7	1115.7	1034.5	958.0	894.7	841.0	793.3	751.9	714.1	679.8
-35°	1150.6	1077.6	1006.7	946.6	890.9	842.1	796.4	758.1	721.9	687.5	657.5
-37.5°	1019.2	967.1	921.9	875.3	833.8	792.4	756.4	723.7	690.9	662.8	636.0
-40°	921.9	884.6	853.1	817.2	782.6	747.7	719.7	690.9	664.5	638.4	614.5
-42.5°	848.1	822.5	795.5	766.4	737.2	711.7	686.1	662.1	637.9	614.9	594.2
-45°	789.4	767.9	744.1	722.8	700.2	677.9	655.1	632.9	611.2	592.0	574.1
-47.5°	738.9	721.9	703.4	684.9	665.7	645.6	624.4	603.0	585.7	568.7	550.0
-50°	695.8	681.4	665.9	649.5	633.0	614.4	594.9	575.0	559.3	542.7	524.7
-52.5°	655.6	644.4	631.4	617.3	601.9	584.7	566.7	547.9	531.5	515.6	497.7
-55°	618.9	609.8	597.8	584.8	570.8	554.8	537.9	520.0	503.2	487.8	466.5
-57.5°	582.7	574.6	562.8	550.9	538.8	522.6	505.8	489.9	472.3	453.7	432.9
-60°	540.5	535.3	522.8	510.2	498.0	484.8	468.9	452.9	436.9	417.6	395.2
-62.5°	487.8	482.2	472.5	462.3	452.1	441.3	427.3	412.2	397.0	379.4	354.9
-65°	430.2	424.0	417.3	411.0	403.3	393.9	381.6	367.7	351.2	332.1	311.6
-67.5°	377.5	372.7	367.5	361.5	354.2	345.1	333.0	318.6	303.5	288.0	271.8
-70°	330.0	326.2	321.2	314.7	306.3	296.6	285.2	272.8	259.8	246.1	232.0
-72.5°	281.8	278.2	273.1	265.8	257.5	248.6	239.1	228.5	216.9	204.2	192.6
-75°	231.9	228.8	224.3	218.0	211.1	203.6	195.3	186.0	176.6	167.3	158.1
-77.5°	183.2	179.8	175.7	170.4	164.7	158.5	151.9	145.1	138.3	131.2	123.8
-80°	136.0	133.4	130.5	126.5	122.0	116.9	111.5	106.4	101.0	95.9	91.2
-82.5°	92.7	91.8	90.5	87.2	83.7	80.2	76.8	73.7	70.5	67.1	63.5
-85°	52.0	51.9	51.5	50.0	48.3	46.6	44.7	42.6	40.5	38.2	35.8
-87.5°	18.4	18.1	17.8	17.4	17.0	16.5	16.1	15.5	15.0	14.4	13.9
-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: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MR-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°	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5	6.7	5.9
85°	33.4	30.8	28.1	25.3	22.5	19.6	18.1	16.5	15.0	13.4	11.8
82.5°	59.8	56.0	51.9	47.8	43.5	39.1	34.6	30.0	25.1	20.5	17.6
80°	86.2	81.0	75.7	70.2	64.7	58.6	52.6	46.3	39.5	32.9	26.6
77.5°	116.0	108.0	99.6	92.7	86.3	79.3	71.6	63.0	53.7	45.2	37.1
75°	148.7	139.0	128.9	119.0	109.6	100.0	91.2	81.2	69.4	57.5	47.4
72.5°	182.4	171.2	159.0	146.6	135.3	123.8	111.9	99.1	85.6	72.0	58.2
70°	218.0	204.2	190.6	176.5	162.0	147.5	133.7	118.4	101.7	86.3	70.7
67.5°	254.9	238.5	222.2	206.2	189.8	173.0	155.7	137.8	119.2	100.4	83.0
65°	292.8	273.3	253.4	235.6	217.2	198.4	179.1	157.3	136.4	115.7	95.1
62.5°	331.2	308.7	286.7	265.1	244.3	223.5	201.9	177.4	153.5	130.8	108.0
60°	370.1	344.1	319.3	295.2	271.4	248.1	223.8	196.9	170.8	145.5	120.9
57.5°	407.2	378.6	350.4	324.0	298.2	272.5	245.2	216.2	187.6	160.1	133.5
55°	443.3	414.0	381.0	351.0	323.5	296.1	265.9	235.2	203.9	174.3	145.7
52.5°	475.1	446.0	411.7	377.4	346.6	318.0	285.7	253.6	220.5	187.9	157.6
50°	503.9	474.4	440.0	403.8	368.8	337.0	304.5	270.6	236.5	201.3	169.1
47.5°	528.8	500.6	466.6	428.7	391.3	355.4	321.6	286.8	252.0	215.0	180.2
45°	551.4	525.7	492.0	453.2	412.2	374.0	337.7	302.0	265.6	228.3	190.8
42.5°	572.4	547.5	516.7	477.1	433.4	391.9	353.1	316.0	278.5	240.8	201.4
40°	591.4	566.5	539.8	499.4	453.5	408.6	368.3	329.3	290.5	252.3	211.8
37.5°	610.2	584.5	556.8	520.2	472.3	425.7	382.4	341.8	302.1	262.5	221.4
35°	629.6	601.9	571.7	536.7	490.3	441.5	395.3	353.6	313.0	272.2	230.4
32.5°	648.1	617.6	585.4	550.5	507.1	455.8	407.9	365.0	323.2	281.2	238.7
30°	666.4	630.6	597.5	564.7	521.8	469.9	420.3	375.5	332.7	289.5	246.3
27.5°	680.2	641.8	608.2	575.8	534.0	482.9	432.4	385.3	341.4	297.2	253.0
25°	692.7	652.6	617.4	584.6	546.1	496.3	443.4	394.3	349.3	304.3	259.1
22.5°	705.2	662.1	625.1	592.0	557.6	508.3	453.9	403.2	356.5	310.6	264.6
20°	715.9	669.6	631.4	598.9	565.2	517.7	463.7	411.2	362.9	316.2	269.4
17.5°	725.1	677.4	638.1	604.6	570.5	525.7	472.2	418.1	368.4	321.0	273.6
15°	734.5	685.3	643.7	608.9	575.0	532.2	479.5	424.1	373.1	325.2	277.5
12.5°	742.5	691.2	648.1	612.1	578.8	537.3	485.5	428.9	376.9	329.0	281.2
10°	748.8	695.1	651.2	614.0	581.8	541.0	490.2	433.4	381.5	332.5	284.2
7.5°	753.2	697.1	653.0	614.9	584.0	544.2	494.8	438.4	385.5	335.2	286.6
5°	756.2	698.0	654.1	616.7	585.2	547.3	498.1	442.2	388.8	337.1	288.3
2.5°	759.7	698.3	654.2	618.1	585.3	549.2	500.1	445.0	391.2	338.3	289.3
0°	760.9	697.1	652.9	618.6	584.2	549.8	500.7	446.7	392.7	338.7	289.6
-2.5°	759.7	698.3	654.2	618.1	585.3	549.2	500.1	445.0	391.2	338.3	289.3
-5°	756.2	698.0	654.1	616.7	585.2	547.3	498.1	442.2	388.8	337.1	288.3
-7.5°	753.2	697.1	653.0	614.9	584.0	544.2	494.8	438.4	385.5	335.2	286.6
-10°	748.8	695.1	651.2	614.0	581.8	541.0	490.2	433.4	381.5	332.5	284.2
-12.5°	742.5	691.2	648.1	612.1	578.8	537.3	485.5	428.9	376.9	329.0	281.2
-15°	734.5	685.3	643.7	608.9	575.0	532.2	479.5	424.1	373.1	325.2	277.5
-17.5°	725.1	677.4	638.1	604.6	570.5	525.7	472.2	418.1	368.4	321.0	273.6
-20°	715.9	669.6	631.4	598.9	565.2	517.7	463.7	411.2	362.9	316.2	269.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	705.2	662.1	625.1	592.0	557.6	508.3	453.9	403.2	356.5	310.6	264.6
-25°	692.7	652.6	617.4	584.6	546.1	496.3	443.4	394.3	349.3	304.3	259.1
-27.5°	680.2	641.8	608.2	575.8	534.0	482.9	432.4	385.3	341.4	297.2	253.0
-30°	666.4	630.6	597.5	564.7	521.8	469.9	420.3	375.5	332.7	289.5	246.3
-32.5°	648.1	617.6	585.4	550.5	507.1	455.8	407.9	365.0	323.2	281.2	238.7
-35°	629.6	601.9	571.7	536.7	490.3	441.5	395.3	353.6	313.0	272.2	230.4
-37.5°	610.2	584.5	556.8	520.2	472.3	425.7	382.4	341.8	302.1	262.5	221.4
-40°	591.4	566.5	539.8	499.4	453.5	408.6	368.3	329.3	290.5	252.3	211.8
-42.5°	572.4	547.5	516.7	477.1	433.4	391.9	353.1	316.0	278.5	240.8	201.4
-45°	551.4	525.7	492.0	453.2	412.2	374.0	337.7	302.0	265.6	228.3	190.8
-47.5°	528.8	500.6	466.6	428.7	391.3	355.4	321.6	286.8	252.0	215.0	180.2
-50°	503.9	474.4	440.0	403.8	368.8	337.0	304.5	270.6	236.5	201.3	169.1
-52.5°	475.1	446.0	411.7	377.4	346.6	318.0	285.7	253.6	220.5	187.9	157.6
-55°	443.3	414.0	381.0	351.0	323.5	296.1	265.9	235.2	203.9	174.3	145.7
-57.5°	407.2	378.6	350.4	324.0	298.2	272.5	245.2	216.2	187.6	160.1	133.5
-60°	370.1	344.1	319.3	295.2	271.4	248.1	223.8	196.9	170.8	145.5	120.9
-62.5°	331.2	308.7	286.7	265.1	244.3	223.5	201.9	177.4	153.5	130.8	108.0
-65°	292.8	273.3	253.4	235.6	217.2	198.4	179.1	157.3	136.4	115.7	95.1
-67.5°	254.9	238.5	222.2	206.2	189.8	173.0	155.7	137.8	119.2	100.4	83.0
-70°	218.0	204.2	190.6	176.5	162.0	147.5	133.7	118.4	101.7	86.3	70.7
-72.5°	182.4	171.2	159.0	146.6	135.3	123.8	111.9	99.1	85.6	72.0	58.2
-75°	148.7	139.0	128.9	119.0	109.6	100.0	91.2	81.2	69.4	57.5	47.4
-77.5°	116.0	108.0	99.6	92.7	86.3	79.3	71.6	63.0	53.7	45.2	37.1
-80°	86.2	81.0	75.7	70.2	64.7	58.6	52.6	46.3	39.5	32.9	26.6
-82.5°	59.8	56.0	51.9	47.8	43.5	39.1	34.6	30.0	25.1	20.5	17.6
-85°	33.4	30.8	28.1	25.3	22.5	19.6	18.1	16.5	15.0	13.4	11.8
-87.5°	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5	6.7	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-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°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
85°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
82.5°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
80°	20.6	16.9	13.5	10.2	6.8	3.4	0.0
77.5°	29.4	22.1	16.9	12.7	8.5	4.2	0.0
75°	38.1	29.4	20.6	15.2	10.1	5.1	0.0
72.5°	46.6	36.5	26.4	17.6	11.8	5.9	0.0
70°	55.4	43.6	32.1	20.4	13.4	6.7	0.0
67.5°	66.1	50.6	37.6	24.6	15.0	7.5	0.0
65°	76.6	58.4	43.1	28.7	16.5	8.3	0.0
62.5°	87.0	67.0	48.5	32.7	18.1	9.0	0.0
60°	97.1	75.4	53.7	36.7	19.6	9.8	0.0
57.5°	107.7	83.7	60.3	40.5	22.1	10.5	0.0
55°	118.0	91.7	66.7	44.3	24.6	11.2	0.0
52.5°	128.0	99.5	72.9	47.9	27.0	11.9	0.0
50°	137.6	107.4	78.9	51.4	29.4	12.6	0.0
47.5°	146.8	115.0	84.7	55.0	31.6	13.2	0.0
45°	155.9	122.2	90.3	59.2	33.8	13.9	0.0
42.5°	164.6	129.1	95.6	63.2	35.9	14.4	0.0
40°	172.9	135.6	100.8	67.0	37.9	15.0	0.0
37.5°	180.8	141.7	105.7	70.5	39.8	15.5	0.0
35°	188.2	147.7	110.3	73.8	41.5	16.1	0.0
32.5°	195.3	153.5	114.6	76.8	43.2	16.5	0.0
30°	201.9	158.8	118.5	79.6	44.8	17.0	0.0
27.5°	208.0	163.8	122.1	82.2	46.2	17.4	0.0
25°	213.4	168.4	125.4	84.4	47.5	17.8	0.0
22.5°	218.3	172.5	128.5	86.5	48.8	18.1	0.0
20°	222.6	176.0	131.3	88.2	49.8	18.4	0.0
17.5°	226.5	179.1	133.8	89.7	50.8	18.7	0.0
15°	230.0	181.6	136.0	91.0	51.7	18.9	0.0
12.5°	233.1	183.6	137.9	92.0	52.4	19.1	0.0
10°	235.7	185.1	139.5	92.7	53.0	19.3	0.0
7.5°	237.8	186.2	140.7	93.2	53.4	19.4	0.0
5°	239.3	186.7	141.7	93.5	53.7	19.5	0.0
2.5°	240.2	186.8	142.2	93.5	53.9	19.6	0.0
0°	240.5	186.5	142.4	93.3	54.0	19.6	0.0
-2.5°	240.2	186.8	142.2	93.5	53.9	19.6	0.0
-5°	239.3	186.7	141.7	93.5	53.7	19.5	0.0
-7.5°	237.8	186.2	140.7	93.2	53.4	19.4	0.0
-10°	235.7	185.1	139.5	92.7	53.0	19.3	0.0
-12.5°	233.1	183.6	137.9	92.0	52.4	19.1	0.0
-15°	230.0	181.6	136.0	91.0	51.7	18.9	0.0
-17.5°	226.5	179.1	133.8	89.7	50.8	18.7	0.0
-20°	222.6	176.0	131.3	88.2	49.8	18.4	0.0

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REPORT NUMBER: P627275 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	218.3	172.5	128.5	86.5	48.8	18.1	0.0
-25°	213.4	168.4	125.4	84.4	47.5	17.8	0.0
-27.5°	208.0	163.8	122.1	82.2	46.2	17.4	0.0
-30°	201.9	158.8	118.5	79.6	44.8	17.0	0.0
-32.5°	195.3	153.5	114.6	76.8	43.2	16.5	0.0
-35°	188.2	147.7	110.3	73.8	41.5	16.1	0.0
-37.5°	180.8	141.7	105.7	70.5	39.8	15.5	0.0
-40°	172.9	135.6	100.8	67.0	37.9	15.0	0.0
-42.5°	164.6	129.1	95.6	63.2	35.9	14.4	0.0
-45°	155.9	122.2	90.3	59.2	33.8	13.9	0.0
-47.5°	146.8	115.0	84.7	55.0	31.6	13.2	0.0
-50°	137.6	107.4	78.9	51.4	29.4	12.6	0.0
-52.5°	128.0	99.5	72.9	47.9	27.0	11.9	0.0
-55°	118.0	91.7	66.7	44.3	24.6	11.2	0.0
-57.5°	107.7	83.7	60.3	40.5	22.1	10.5	0.0
-60°	97.1	75.4	53.7	36.7	19.6	9.8	0.0
-62.5°	87.0	67.0	48.5	32.7	18.1	9.0	0.0
-65°	76.6	58.4	43.1	28.7	16.5	8.3	0.0
-67.5°	66.1	50.6	37.6	24.6	15.0	7.5	0.0
-70°	55.4	43.6	32.1	20.4	13.4	6.7	0.0
-72.5°	46.6	36.5	26.4	17.6	11.8	5.9	0.0
-75°	38.1	29.4	20.6	15.2	10.1	5.1	0.0
-77.5°	29.4	22.1	16.9	12.7	8.5	4.2	0.0
-80°	20.6	16.9	13.5	10.2	6.8	3.4	0.0
-82.5°	15.2	12.7	10.2	7.7	5.1	2.6	0.0
-85°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-87.5°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)