

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: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627157 (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-SA3C-735-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N72
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

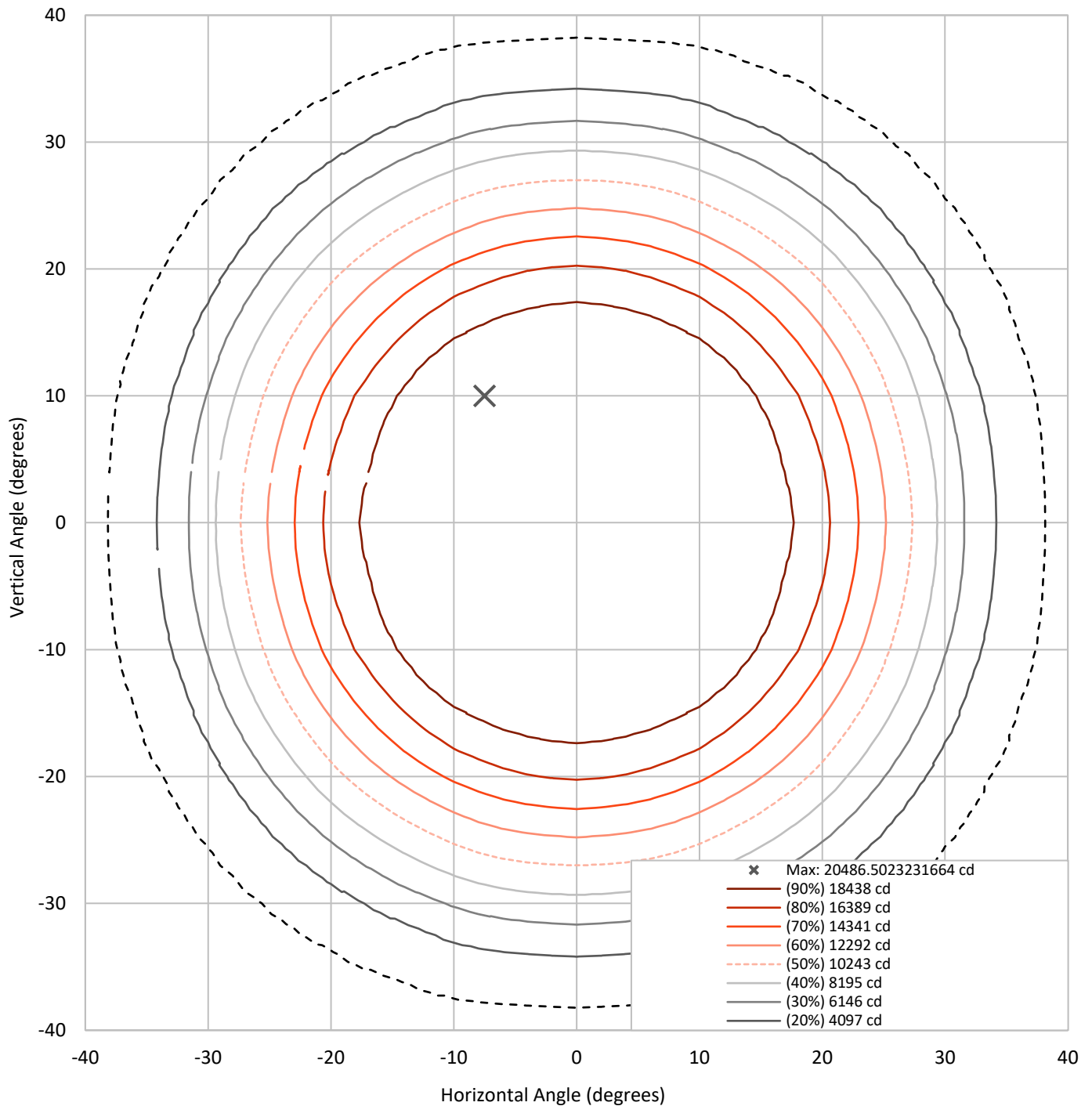
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17435.9 lumens	Max Intensity:	20486.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	143.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	11572.9 lumens	Field Lumens:	15048.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	121.7		
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





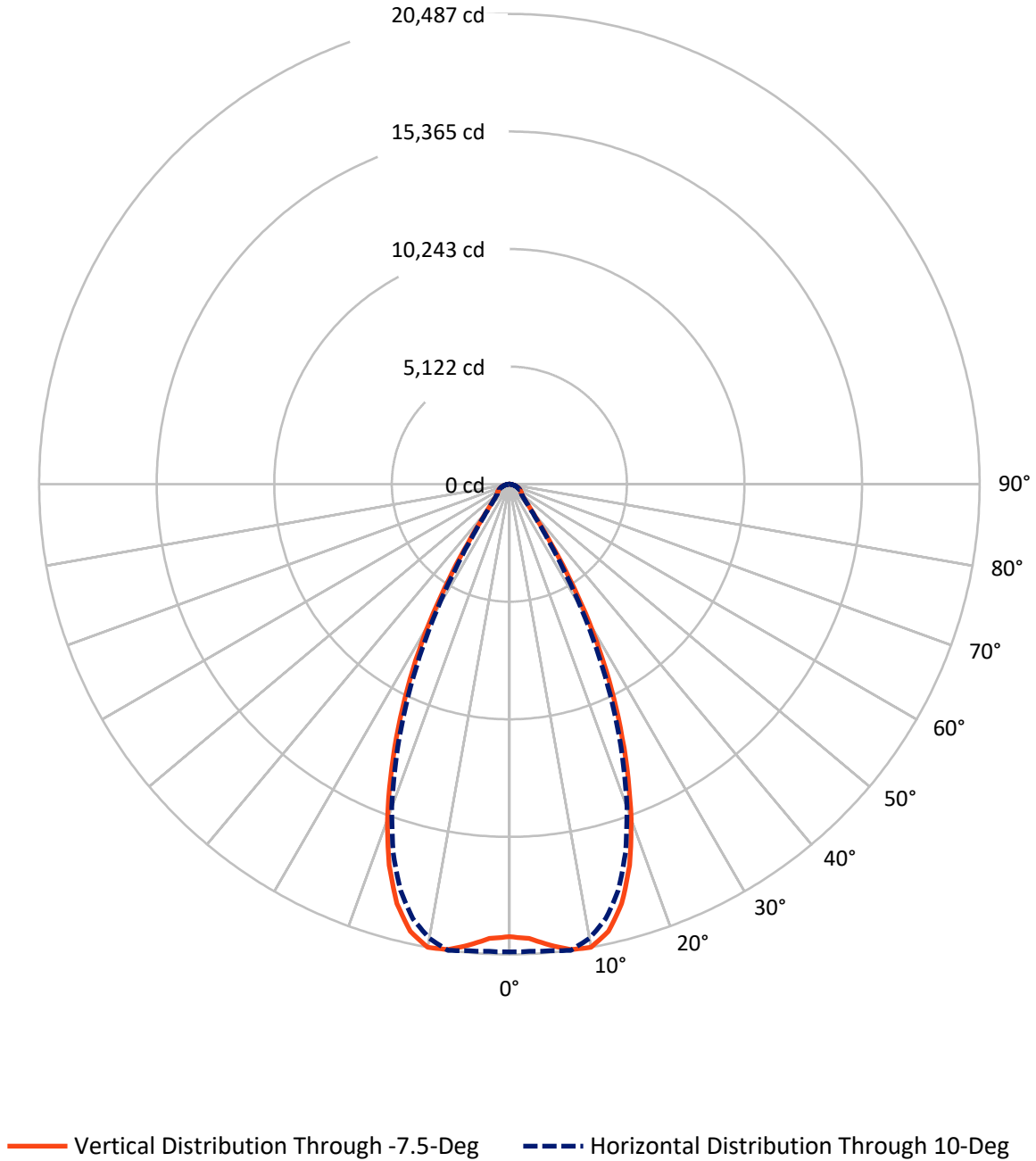
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Lumen Table

90	0.5	4.1	10.9	17.3	19.3	17.3	10.9	4.1	0.5										
80	0.5	4.1	10.9	17.3	19.3	17.3	10.9	4.1	0.5										
70	1.9	2.1	4.3	7.0	9.8	11.9	13.4	14.2	14.2	13.4	11.9	9.8	7.0	4.3	2.1	1.9			
60		3.1	6.3	10.1	13.4	16.3	18.2	19.0	19.0	18.2	16.3	13.4	10.1	6.3	3.1				
50	3.3	4.0	8.0	12.2	16.4	21.3	26.8	30.7	30.7	26.8	21.3	16.4	12.2	8.0	4.0	3.3			
40		4.8	9.3	14.0	21.7	39.6	75.8	112.4	112.4	75.8	39.6	21.7	14.0	9.3	4.8				
30	4.2	5.4	10.1	16.4	35.7	111.9	251.1	350.6	350.6	251.1	111.9	35.7	16.4	10.1	5.4	4.2			
20		5.7	10.6	19.5	64.6	238.6	455.7	570.3	570.3	455.7	238.6	64.6	19.5	10.6	5.7				
10	4.6	5.9	10.9	21.9	92.9	326.5	552.8	601.5	601.5	552.8	326.5	92.9	21.9	10.9	5.9	4.6			
0		5.9	10.9	21.9	92.9	326.5	552.8	601.5	601.5	552.8	326.5	92.9	21.9	10.9	5.9				
-10	4.2	5.7	10.6	19.5	64.6	238.6	455.7	570.3	570.3	455.7	238.6	64.6	19.5	10.6	5.7	4.2			
-20		5.4	10.1	16.4	35.7	111.9	251.1	350.6	350.6	251.1	111.9	35.7	16.4	10.1	5.4				
-30	3.3	4.8	9.3	14.0	21.7	39.6	75.8	112.4	112.4	75.8	39.6	21.7	14.0	9.3	4.8	3.3			
-40		4.0	8.0	12.2	16.4	21.3	26.8	30.7	30.7	26.8	21.3	16.4	12.2	8.0	4.0				
-50	1.9	3.1	6.3	10.1	13.4	16.3	18.2	19.0	19.0	18.2	16.3	13.4	10.1	6.3	3.1	1.9			
-60		2.1	4.3	7.0	9.8	11.9	13.4	14.2	14.2	13.4	11.9	9.8	7.0	4.3	2.1				
-70	0.5	4.1	10.9	17.3	19.3	17.3	10.9	4.1	0.5										
-80		0.5	4.1	10.9	17.3	19.3	17.3	10.9	4.1	0.5									
-90	0.5	4.1	10.9	17.3	19.3	17.3	10.9	4.1	0.5										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

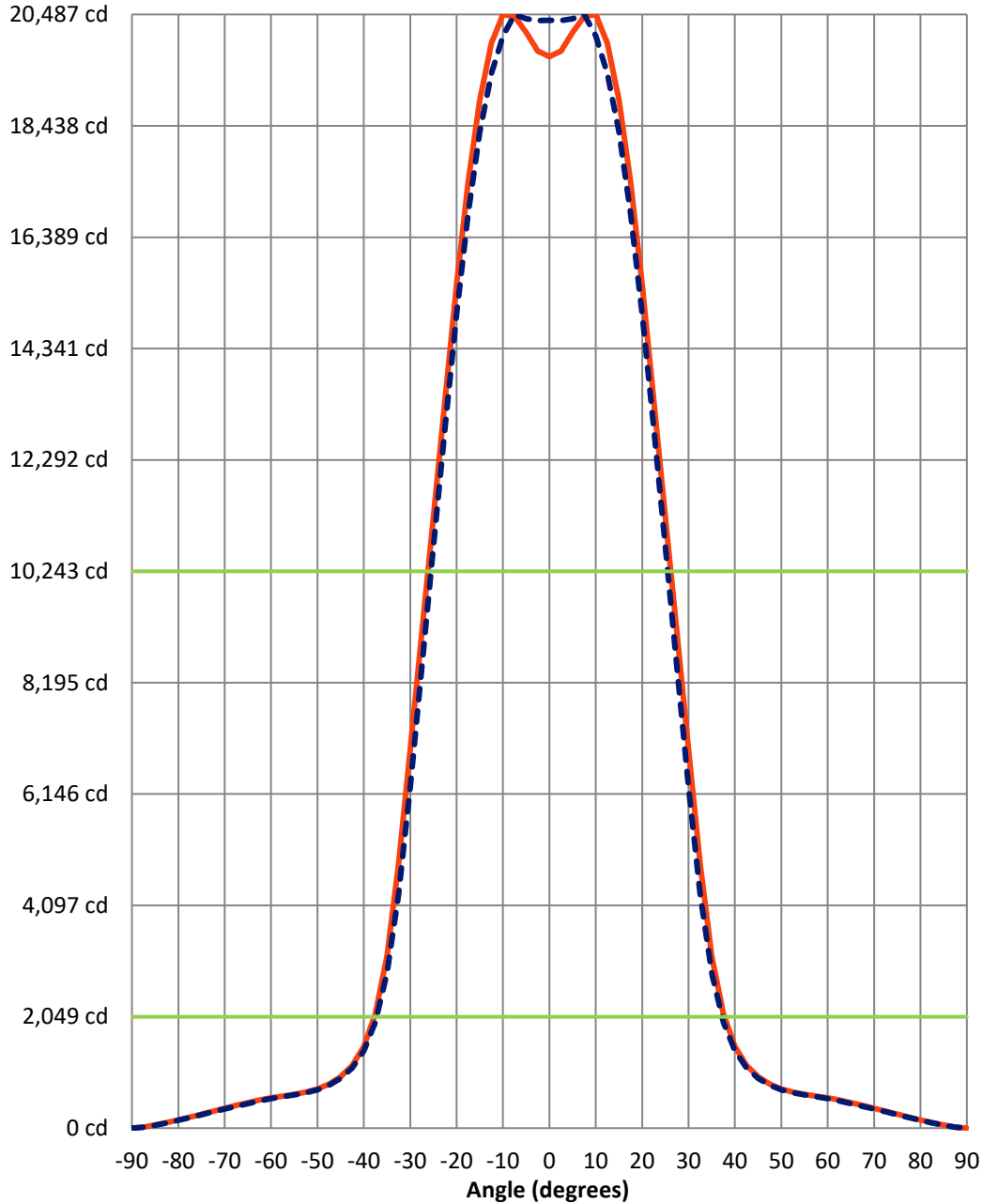
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 11572.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 15048.1
 Efficiency: 86.3%

Spill:
 Lumens: 2387.8
 Efficiency: 13.7%

- Vertical Distribution through -7.5-Deg
- - - Horizontal Distribution through 10-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	0.8	1.6	2.3	3.1	3.9	4.6	5.6	6.7	7.9	9.1
85°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	11.3	13.4	15.7	18.1
82.5°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.9	20.5	25.9	31.0
80°	0.0	3.1	6.2	9.3	12.4	15.4	19.1	26.3	33.3	39.8	46.0
77.5°	0.0	3.9	7.7	11.6	15.4	20.8	29.1	37.7	46.0	53.7	62.0
75°	0.0	4.6	9.3	13.9	19.1	29.1	39.1	49.1	58.9	70.2	81.3
72.5°	0.0	5.4	10.8	16.1	25.7	37.4	48.9	60.9	74.2	87.4	100.3
70°	0.0	6.1	12.2	18.8	32.2	45.5	58.9	74.2	89.4	104.4	120.1
67.5°	0.0	6.8	13.7	23.6	38.6	53.5	70.0	87.4	104.4	122.0	139.8
65°	0.0	7.6	15.1	28.4	44.9	61.9	81.0	100.3	119.5	139.1	160.0
62.5°	0.0	8.3	16.5	33.0	51.1	70.7	91.7	113.0	134.2	156.4	181.6
60°	0.0	8.9	17.9	37.5	57.1	79.3	102.1	125.4	148.6	175.2	202.6
57.5°	0.0	9.6	20.8	41.9	63.7	87.6	112.5	137.5	164.2	193.4	222.4
55°	0.0	10.3	23.6	46.2	70.1	95.7	122.8	149.3	179.7	210.9	241.5
52.5°	0.0	10.9	26.3	50.4	76.2	103.6	132.8	162.3	194.7	227.5	259.9
50°	0.0	11.5	28.9	54.4	82.2	111.7	142.5	175.0	209.1	243.6	277.9
47.5°	0.0	12.1	31.4	58.4	87.9	119.6	152.1	187.2	222.9	259.2	295.2
45°	0.0	12.7	33.8	62.5	93.3	127.2	162.0	198.8	236.2	274.1	311.8
42.5°	0.0	13.2	36.1	66.4	98.5	134.6	171.5	209.8	248.9	288.4	327.5
40°	0.0	13.7	38.2	70.0	103.8	141.6	180.4	220.3	260.9	302.1	342.7
37.5°	0.0	14.2	40.2	73.3	109.1	148.4	188.9	230.1	272.6	315.3	357.2
35°	0.0	14.7	42.1	76.5	114.2	154.9	196.8	239.3	283.7	327.7	370.8
32.5°	0.0	15.1	43.9	79.4	119.0	161.1	204.2	247.9	294.3	339.2	382.7
30°	0.0	15.5	45.5	82.1	123.5	166.9	211.0	255.9	304.2	349.7	393.8
27.5°	0.0	15.9	47.0	84.7	127.5	172.2	217.3	263.9	313.3	359.4	404.1
25°	0.0	16.2	48.3	86.9	131.1	177.0	223.0	271.2	321.1	367.9	413.5
22.5°	0.0	16.5	49.5	89.0	134.4	181.3	228.1	277.9	328.2	375.5	422.1
20°	0.0	16.8	50.5	90.8	137.3	185.0	232.6	284.0	334.5	382.3	429.7
17.5°	0.0	17.1	51.5	92.4	139.8	188.2	236.7	289.4	339.9	388.2	436.3
15°	0.0	17.3	52.2	93.8	142.0	190.9	240.4	294.2	344.5	393.3	442.0
12.5°	0.0	17.5	52.8	94.9	143.8	193.1	243.5	298.5	348.6	397.5	446.8
10°	0.0	17.6	53.3	95.8	145.2	194.9	246.2	302.0	352.1	401.5	450.8
7.5°	0.0	17.7	53.6	96.4	146.2	196.2	248.3	304.8	354.9	404.6	454.3
5°	0.0	17.8	53.8	96.8	146.9	197.0	249.8	306.7	356.9	406.9	456.9
2.5°	0.0	17.9	53.9	96.9	147.1	197.4	250.7	307.9	358.1	408.2	458.4
0°	0.0	17.9	53.8	96.8	147.0	197.2	251.0	308.3	358.5	408.7	458.9
-2.5°	0.0	17.9	53.9	96.9	147.1	197.4	250.7	307.9	358.1	408.2	458.4
-5°	0.0	17.8	53.8	96.8	146.9	197.0	249.8	306.7	356.9	406.9	456.9
-7.5°	0.0	17.7	53.6	96.4	146.2	196.2	248.3	304.8	354.9	404.6	454.3
-10°	0.0	17.6	53.3	95.8	145.2	194.9	246.2	302.0	352.1	401.5	450.8
-12.5°	0.0	17.5	52.8	94.9	143.8	193.1	243.5	298.5	348.6	397.5	446.8
-15°	0.0	17.3	52.2	93.8	142.0	190.9	240.4	294.2	344.5	393.3	442.0
-17.5°	0.0	17.1	51.5	92.4	139.8	188.2	236.7	289.4	339.9	388.2	436.3
-20°	0.0	16.8	50.5	90.8	137.3	185.0	232.6	284.0	334.5	382.3	429.7

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CATALOG NUMBER: GFLD-SA3C-735-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	16.5	49.5	89.0	134.4	181.3	228.1	277.9	328.2	375.5	422.1
-25°	0.0	16.2	48.3	86.9	131.1	177.0	223.0	271.2	321.1	367.9	413.5
-27.5°	0.0	15.9	47.0	84.7	127.5	172.2	217.3	263.9	313.3	359.4	404.1
-30°	0.0	15.5	45.5	82.1	123.5	166.9	211.0	255.9	304.2	349.7	393.8
-32.5°	0.0	15.1	43.9	79.4	119.0	161.1	204.2	247.9	294.3	339.2	382.7
-35°	0.0	14.7	42.1	76.5	114.2	154.9	196.8	239.3	283.7	327.7	370.8
-37.5°	0.0	14.2	40.2	73.3	109.1	148.4	188.9	230.1	272.6	315.3	357.2
-40°	0.0	13.7	38.2	70.0	103.8	141.6	180.4	220.3	260.9	302.1	342.7
-42.5°	0.0	13.2	36.1	66.4	98.5	134.6	171.5	209.8	248.9	288.4	327.5
-45°	0.0	12.7	33.8	62.5	93.3	127.2	162.0	198.8	236.2	274.1	311.8
-47.5°	0.0	12.1	31.4	58.4	87.9	119.6	152.1	187.2	222.9	259.2	295.2
-50°	0.0	11.5	28.9	54.4	82.2	111.7	142.5	175.0	209.1	243.6	277.9
-52.5°	0.0	10.9	26.3	50.4	76.2	103.6	132.8	162.3	194.7	227.5	259.9
-55°	0.0	10.3	23.6	46.2	70.1	95.7	122.8	149.3	179.7	210.9	241.5
-57.5°	0.0	9.6	20.8	41.9	63.7	87.6	112.5	137.5	164.2	193.4	222.4
-60°	0.0	8.9	17.9	37.5	57.1	79.3	102.1	125.4	148.6	175.2	202.6
-62.5°	0.0	8.3	16.5	33.0	51.1	70.7	91.7	113.0	134.2	156.4	181.6
-65°	0.0	7.6	15.1	28.4	44.9	61.9	81.0	100.3	119.5	139.1	160.0
-67.5°	0.0	6.8	13.7	23.6	38.6	53.5	70.0	87.4	104.4	122.0	139.8
-70°	0.0	6.1	12.2	18.8	32.2	45.5	58.9	74.2	89.4	104.4	120.1
-72.5°	0.0	5.4	10.8	16.1	25.7	37.4	48.9	60.9	74.2	87.4	100.3
-75°	0.0	4.6	9.3	13.9	19.1	29.1	39.1	49.1	58.9	70.2	81.3
-77.5°	0.0	3.9	7.7	11.6	15.4	20.8	29.1	37.7	46.0	53.7	62.0
-80°	0.0	3.1	6.2	9.3	12.4	15.4	19.1	26.3	33.3	39.8	46.0
-82.5°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.9	20.5	25.9	31.0
-85°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	11.3	13.4	15.7	18.1
-87.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.6	6.7	7.9	9.1
-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°	9.9	10.7	11.5	12.3	13.1	13.8	14.5	15.2	15.8	16.5	17.1
85°	19.8	21.5	24.3	27.3	30.0	32.7	35.3	37.8	40.2	42.4	44.6
82.5°	35.5	40.2	44.9	49.7	53.9	57.9	61.9	66.0	70.1	74.1	78.2
80°	52.3	58.7	66.1	73.1	79.3	85.2	90.8	96.3	102.2	108.5	115.0
77.5°	71.6	80.8	89.5	97.6	105.4	114.0	122.2	130.2	138.4	146.6	154.4
75°	92.3	102.8	113.9	124.8	135.4	145.7	155.7	165.9	176.2	186.5	196.3
72.5°	113.7	127.0	140.1	152.8	166.0	178.8	191.2	203.1	215.4	228.0	240.0
70°	135.9	151.1	167.2	182.7	197.5	212.5	227.6	242.2	256.5	271.1	285.5
67.5°	158.3	177.4	195.5	212.7	230.2	247.9	264.9	282.4	299.3	316.2	332.4
65°	182.9	203.8	223.6	243.4	263.2	283.9	304.1	323.6	343.1	362.1	379.1
62.5°	207.0	229.3	251.2	273.7	297.4	320.6	342.6	364.9	387.7	407.5	424.7
60°	229.2	253.9	278.5	304.1	330.3	355.2	379.9	404.2	428.6	451.4	465.5
57.5°	250.7	278.0	305.3	332.8	360.3	388.2	414.2	440.8	463.6	482.8	499.2
55°	271.6	301.3	330.3	359.2	388.9	418.1	446.3	471.7	493.9	509.9	525.6
52.5°	292.0	323.3	353.2	384.5	416.1	447.0	476.5	500.0	518.2	534.6	549.3
50°	311.7	343.5	375.1	409.1	442.4	475.1	502.9	523.4	541.9	557.9	573.3
47.5°	330.2	363.4	397.2	432.8	467.9	499.5	525.0	546.6	565.5	582.7	600.9
45°	348.0	383.2	418.9	455.7	491.5	522.1	546.7	569.9	587.6	607.0	628.0
42.5°	365.3	402.2	439.6	477.6	513.9	542.4	567.0	588.3	609.1	632.1	657.4
40°	381.7	420.2	459.2	498.8	534.9	560.3	584.3	606.8	632.1	659.5	688.8
37.5°	397.1	437.1	477.6	518.7	550.4	576.5	601.1	626.2	655.7	687.4	727.1
35°	411.5	452.8	494.7	534.1	564.3	591.9	617.4	645.5	679.8	721.2	772.1
32.5°	424.8	467.3	510.4	546.7	577.1	605.8	632.0	667.0	708.2	757.5	829.5
30°	437.1	480.6	523.9	558.9	588.6	617.4	649.3	688.7	737.0	809.0	901.1
27.5°	448.5	492.7	534.5	569.2	598.9	628.6	665.9	713.7	777.2	863.1	977.7
25°	459.0	504.3	544.6	577.7	608.5	641.4	682.0	735.7	819.2	930.1	1085.0
22.5°	468.5	514.7	554.3	585.1	617.4	653.2	700.4	767.6	863.8	993.4	1193.2
20°	476.9	522.6	561.5	592.1	625.7	662.9	716.8	797.8	914.0	1081.8	1336.8
17.5°	484.4	529.5	567.0	598.9	633.7	673.8	732.8	824.0	958.5	1158.9	1481.9
15°	490.7	535.3	571.6	604.6	640.8	686.4	755.1	858.3	1010.2	1239.1	1608.4
12.5°	496.0	540.2	575.3	609.3	646.6	696.9	774.2	890.7	1063.9	1337.6	1794.8
10°	500.1	544.0	578.2	613.0	651.1	705.3	789.6	917.1	1108.4	1422.9	1953.7
7.5°	504.0	546.8	580.2	615.5	654.3	711.5	801.4	937.5	1142.5	1489.8	2079.6
5°	506.8	548.5	581.3	617.0	657.0	715.6	809.4	951.6	1166.0	1537.7	2168.1
2.5°	508.5	549.0	581.5	617.4	659.0	717.5	813.6	959.4	1184.6	1560.4	2215.7
0°	509.1	548.5	580.8	616.7	659.7	717.1	813.9	960.9	1193.9	1559.6	2222.9
-2.5°	508.5	549.0	581.5	617.4	659.0	717.5	813.6	959.4	1184.6	1560.4	2215.7
-5°	506.8	548.5	581.3	617.0	657.0	715.6	809.4	951.6	1166.0	1537.7	2168.1
-7.5°	504.0	546.8	580.2	615.5	654.3	711.5	801.4	937.5	1142.5	1489.8	2079.6
-10°	500.1	544.0	578.2	613.0	651.1	705.3	789.6	917.1	1108.4	1422.9	1953.7
-12.5°	496.0	540.2	575.3	609.3	646.6	696.9	774.2	890.7	1063.9	1337.6	1794.8
-15°	490.7	535.3	571.6	604.6	640.8	686.4	755.1	858.3	1010.2	1239.1	1608.4
-17.5°	484.4	529.5	567.0	598.9	633.7	673.8	732.8	824.0	958.5	1158.9	1481.9
-20°	476.9	522.6	561.5	592.1	625.7	662.9	716.8	797.8	914.0	1081.8	1336.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	468.5	514.7	554.3	585.1	617.4	653.2	700.4	767.6	863.8	993.4	1193.2
-25°	459.0	504.3	544.6	577.7	608.5	641.4	682.0	735.7	819.2	930.1	1085.0
-27.5°	448.5	492.7	534.5	569.2	598.9	628.6	665.9	713.7	777.2	863.1	977.7
-30°	437.1	480.6	523.9	558.9	588.6	617.4	649.3	688.7	737.0	809.0	901.1
-32.5°	424.8	467.3	510.4	546.7	577.1	605.8	632.0	667.0	708.2	757.5	829.5
-35°	411.5	452.8	494.7	534.1	564.3	591.9	617.4	645.5	679.8	721.2	772.1
-37.5°	397.1	437.1	477.6	518.7	550.4	576.5	601.1	626.2	655.7	687.4	727.1
-40°	381.7	420.2	459.2	498.8	534.9	560.3	584.3	606.8	632.1	659.5	688.8
-42.5°	365.3	402.2	439.6	477.6	513.9	542.4	567.0	588.3	609.1	632.1	657.4
-45°	348.0	383.2	418.9	455.7	491.5	522.1	546.7	569.9	587.6	607.0	628.0
-47.5°	330.2	363.4	397.2	432.8	467.9	499.5	525.0	546.6	565.5	582.7	600.9
-50°	311.7	343.5	375.1	409.1	442.4	475.1	502.9	523.4	541.9	557.9	573.3
-52.5°	292.0	323.3	353.2	384.5	416.1	447.0	476.5	500.0	518.2	534.6	549.3
-55°	271.6	301.3	330.3	359.2	388.9	418.1	446.3	471.7	493.9	509.9	525.6
-57.5°	250.7	278.0	305.3	332.8	360.3	388.2	414.2	440.8	463.6	482.8	499.2
-60°	229.2	253.9	278.5	304.1	330.3	355.2	379.9	404.2	428.6	451.4	465.5
-62.5°	207.0	229.3	251.2	273.7	297.4	320.6	342.6	364.9	387.7	407.5	424.7
-65°	182.9	203.8	223.6	243.4	263.2	283.9	304.1	323.6	343.1	362.1	379.1
-67.5°	158.3	177.4	195.5	212.7	230.2	247.9	264.9	282.4	299.3	316.2	332.4
-70°	135.9	151.1	167.2	182.7	197.5	212.5	227.6	242.2	256.5	271.1	285.5
-72.5°	113.7	127.0	140.1	152.8	166.0	178.8	191.2	203.1	215.4	228.0	240.0
-75°	92.3	102.8	113.9	124.8	135.4	145.7	155.7	165.9	176.2	186.5	196.3
-77.5°	71.6	80.8	89.5	97.6	105.4	114.0	122.2	130.2	138.4	146.6	154.4
-80°	52.3	58.7	66.1	73.1	79.3	85.2	90.8	96.3	102.2	108.5	115.0
-82.5°	35.5	40.2	44.9	49.7	53.9	57.9	61.9	66.0	70.1	74.1	78.2
-85°	19.8	21.5	24.3	27.3	30.0	32.7	35.3	37.8	40.2	42.4	44.6
-87.5°	9.9	10.7	11.5	12.3	13.1	13.8	14.5	15.2	15.8	16.5	17.1
-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: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	17.6	17.4	17.1	16.7	16.2	17.4	18.5	19.6	20.8	20.1	19.4
85°	46.6	47.7	48.6	49.4	50.0	52.2	54.4	56.3	58.2	58.2	58.0
82.5°	82.1	84.8	87.0	89.1	90.9	93.5	95.8	97.9	99.6	100.9	101.9
80°	121.1	125.3	129.0	132.3	135.3	138.8	142.0	144.8	147.3	148.6	149.5
77.5°	162.1	168.4	174.0	179.3	184.4	189.4	194.0	198.0	201.6	202.4	202.2
75°	205.6	214.0	221.9	229.2	236.0	241.8	246.7	250.8	254.2	255.9	256.8
72.5°	251.4	261.8	271.1	279.5	286.7	292.7	297.8	302.3	306.1	308.5	309.9
70°	299.2	311.5	321.0	328.9	335.1	341.1	347.7	354.1	360.1	363.4	364.7
67.5°	347.2	359.9	368.7	375.8	381.5	387.4	395.7	403.3	410.0	414.6	417.5
65°	394.1	407.5	416.3	423.2	428.4	434.2	443.6	451.1	456.8	461.4	465.5
62.5°	440.5	454.0	463.8	471.9	479.4	485.9	493.6	499.9	504.9	509.3	514.4
60°	480.7	496.7	506.9	515.2	524.5	534.6	540.3	545.0	549.1	552.7	555.9
57.5°	513.5	527.7	540.9	550.9	560.5	569.9	576.6	581.1	584.7	587.3	588.4
55°	540.9	555.6	570.3	581.1	590.7	599.4	606.8	612.6	617.4	621.1	622.1
52.5°	565.5	582.1	596.5	608.9	621.6	631.9	640.0	647.9	654.7	660.2	662.6
50°	592.3	609.6	627.6	644.3	657.7	669.5	679.3	690.4	702.2	711.8	717.9
47.5°	620.5	640.4	662.2	682.7	698.6	716.1	732.3	748.8	770.6	788.9	802.5
45°	649.9	675.6	700.3	726.4	748.4	781.3	811.9	838.2	873.1	904.8	929.9
42.5°	684.7	716.6	747.0	788.9	832.6	877.6	926.2	967.7	1022.3	1077.8	1122.6
40°	725.9	766.7	820.3	876.5	945.5	1007.4	1091.3	1166.1	1249.7	1355.6	1443.0
37.5°	775.5	838.3	913.0	991.2	1098.9	1201.8	1340.5	1486.7	1619.3	1822.9	1994.2
35°	839.9	927.7	1026.0	1164.4	1316.9	1509.8	1726.2	2008.5	2250.6	2594.0	2922.2
32.5°	922.9	1035.8	1196.3	1410.0	1635.4	1985.6	2328.9	2819.1	3273.0	3817.3	4404.8
30°	1015.2	1187.1	1432.3	1725.4	2145.9	2661.0	3266.3	4019.2	4843.1	5608.2	6362.1
27.5°	1149.1	1395.3	1717.4	2190.5	2845.8	3566.5	4626.9	5648.9	6715.2	7663.1	8453.6
25°	1305.4	1630.8	2128.9	2825.5	3711.6	4945.8	6215.1	7476.5	8623.3	9615.6	10489.1
22.5°	1507.2	1975.2	2639.2	3541.5	4921.4	6400.6	7889.1	9280.4	10503.7	11608.7	12554.2
20°	1726.7	2312.4	3260.6	4606.1	6184.0	7869.3	9550.1	11032.1	12379.0	13631.9	14697.5
17.5°	2005.0	2825.1	4025.9	5639.9	7464.3	9310.8	11076.5	12684.8	14212.8	15538.6	16652.0
15°	2242.0	3276.7	4843.8	6736.8	8710.2	10657.9	12522.0	14269.0	15857.7	17218.0	18264.7
12.5°	2558.3	3782.8	5570.0	7679.8	9818.2	11867.6	13831.1	15636.7	17253.5	18598.8	19413.7
10°	2857.3	4306.8	6272.0	8472.1	10693.7	12877.4	14973.8	16825.7	18326.8	19397.0	20091.3
7.5°	3111.5	4757.1	6842.9	9112.6	11389.4	13672.4	15794.6	17596.3	18980.4	19874.2	20357.6
5°	3301.3	5093.8	7266.8	9633.0	11969.4	14292.4	16398.0	18089.5	19285.7	19949.6	20192.3
2.5°	3422.2	5291.4	7512.7	9974.4	12357.5	14684.7	16811.9	18476.9	19491.8	19931.9	19973.7
0°	3470.6	5317.0	7550.6	10153.5	12455.3	14796.5	16929.7	18636.3	19568.5	19930.6	19923.4
-2.5°	3422.2	5291.4	7512.7	9974.4	12357.5	14684.7	16811.9	18476.9	19491.8	19931.9	19973.7
-5°	3301.3	5093.8	7266.8	9633.0	11969.4	14292.4	16398.0	18089.5	19285.7	19949.6	20192.3
-7.5°	3111.5	4757.1	6842.9	9112.6	11389.4	13672.4	15794.6	17596.3	18980.4	19874.2	20357.6
-10°	2857.3	4306.8	6272.0	8472.1	10693.7	12877.4	14973.8	16825.7	18326.8	19397.0	20091.3
-12.5°	2558.3	3782.8	5570.0	7679.8	9818.2	11867.6	13831.1	15636.7	17253.5	18598.8	19413.7
-15°	2242.0	3276.7	4843.8	6736.8	8710.2	10657.9	12522.0	14269.0	15857.7	17218.0	18264.7
-17.5°	2005.0	2825.1	4025.9	5639.9	7464.3	9310.8	11076.5	12684.8	14212.8	15538.6	16652.0
-20°	1726.7	2312.4	3260.6	4606.1	6184.0	7869.3	9550.1	11032.1	12379.0	13631.9	14697.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1507.2	1975.2	2639.2	3541.5	4921.4	6400.6	7889.1	9280.4	10503.7	11608.7	12554.2
-25°	1305.4	1630.8	2128.9	2825.5	3711.6	4945.8	6215.1	7476.5	8623.3	9615.6	10489.1
-27.5°	1149.1	1395.3	1717.4	2190.5	2845.8	3566.5	4626.9	5648.9	6715.2	7663.1	8453.6
-30°	1015.2	1187.1	1432.3	1725.4	2145.9	2661.0	3266.3	4019.2	4843.1	5608.2	6362.1
-32.5°	922.9	1035.8	1196.3	1410.0	1635.4	1985.6	2328.9	2819.1	3273.0	3817.3	4404.8
-35°	839.9	927.7	1026.0	1164.4	1316.9	1509.8	1726.2	2008.5	2250.6	2594.0	2922.2
-37.5°	775.5	838.3	913.0	991.2	1098.9	1201.8	1340.5	1486.7	1619.3	1822.9	1994.2
-40°	725.9	766.7	820.3	876.5	945.5	1007.4	1091.3	1166.1	1249.7	1355.6	1443.0
-42.5°	684.7	716.6	747.0	788.9	832.6	877.6	926.2	967.7	1022.3	1077.8	1122.6
-45°	649.9	675.6	700.3	726.4	748.4	781.3	811.9	838.2	873.1	904.8	929.9
-47.5°	620.5	640.4	662.2	682.7	698.6	716.1	732.3	748.8	770.6	788.9	802.5
-50°	592.3	609.6	627.6	644.3	657.7	669.5	679.3	690.4	702.2	711.8	717.9
-52.5°	565.5	582.1	596.5	608.9	621.6	631.9	640.0	647.9	654.7	660.2	662.6
-55°	540.9	555.6	570.3	581.1	590.7	599.4	606.8	612.6	617.4	621.1	622.1
-57.5°	513.5	527.7	540.9	550.9	560.5	569.9	576.6	581.1	584.7	587.3	588.4
-60°	480.7	496.7	506.9	515.2	524.5	534.6	540.3	545.0	549.1	552.7	555.9
-62.5°	440.5	454.0	463.8	471.9	479.4	485.9	493.6	499.9	504.9	509.3	514.4
-65°	394.1	407.5	416.3	423.2	428.4	434.2	443.6	451.1	456.8	461.4	465.5
-67.5°	347.2	359.9	368.7	375.8	381.5	387.4	395.7	403.3	410.0	414.6	417.5
-70°	299.2	311.5	321.0	328.9	335.1	341.1	347.7	354.1	360.1	363.4	364.7
-72.5°	251.4	261.8	271.1	279.5	286.7	292.7	297.8	302.3	306.1	308.5	309.9
-75°	205.6	214.0	221.9	229.2	236.0	241.8	246.7	250.8	254.2	255.9	256.8
-77.5°	162.1	168.4	174.0	179.3	184.4	189.4	194.0	198.0	201.6	202.4	202.2
-80°	121.1	125.3	129.0	132.3	135.3	138.8	142.0	144.8	147.3	148.6	149.5
-82.5°	82.1	84.8	87.0	89.1	90.9	93.5	95.8	97.9	99.6	100.9	101.9
-85°	46.6	47.7	48.6	49.4	50.0	52.2	54.4	56.3	58.2	58.2	58.0
-87.5°	17.6	17.4	17.1	16.7	16.2	17.4	18.5	19.6	20.8	20.1	19.4
-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: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	18.6	17.8	17.9	17.9	17.9	17.8	18.6	19.4	20.1	20.8	19.6
85°	57.6	57.1	55.5	53.8	55.5	57.1	57.6	58.0	58.2	58.2	56.3
82.5°	102.8	103.5	102.1	100.4	102.1	103.5	102.8	101.9	100.9	99.6	97.9
80°	149.9	149.9	148.6	147.0	148.6	149.9	149.9	149.5	148.6	147.3	144.8
77.5°	201.4	200.0	200.5	200.8	200.5	200.0	201.4	202.2	202.4	201.6	198.0
75°	257.1	256.9	256.1	254.6	256.1	256.9	257.1	256.8	255.9	254.2	250.8
72.5°	310.6	310.6	309.8	308.3	309.8	310.6	310.6	309.9	308.5	306.1	302.3
70°	365.0	364.3	365.3	365.7	365.3	364.3	365.0	364.7	363.4	360.1	354.1
67.5°	419.7	421.2	420.9	419.5	420.9	421.2	419.7	417.5	414.6	410.0	403.3
65°	468.8	471.3	472.8	473.3	472.8	471.3	468.8	465.5	461.4	456.8	451.1
62.5°	518.4	521.2	521.4	519.9	521.4	521.2	518.4	514.4	509.3	504.9	499.9
60°	557.6	558.0	557.3	555.7	557.3	558.0	557.6	555.9	552.7	549.1	545.0
57.5°	588.4	587.4	586.1	584.4	586.1	587.4	588.4	588.4	587.3	584.7	581.1
55°	621.6	619.9	618.4	616.7	618.4	619.9	621.6	622.1	621.1	617.4	612.6
52.5°	663.2	662.3	661.2	659.7	661.2	662.3	663.2	662.6	660.2	654.7	647.9
50°	721.0	721.9	721.8	720.6	721.8	721.9	721.0	717.9	711.8	702.2	690.4
47.5°	811.0	815.8	819.0	821.0	819.0	815.8	811.0	802.5	788.9	770.6	748.8
45°	946.0	955.5	962.3	968.0	962.3	955.5	946.0	929.9	904.8	873.1	838.2
42.5°	1154.1	1175.6	1185.7	1183.1	1185.7	1175.6	1154.1	1122.6	1077.8	1022.3	967.7
40°	1501.3	1535.9	1555.1	1570.4	1555.1	1535.9	1501.3	1443.0	1355.6	1249.7	1166.1
37.5°	2111.1	2178.2	2213.6	2244.4	2213.6	2178.2	2111.1	1994.2	1822.9	1619.3	1486.7
35°	3167.4	3318.5	3399.4	3427.5	3399.4	3318.5	3167.4	2922.2	2594.0	2250.6	2008.5
32.5°	4862.0	5140.6	5294.7	5413.8	5294.7	5140.6	4862.0	4404.8	3817.3	3273.0	2819.1
30°	6959.0	7326.1	7529.9	7629.5	7529.9	7326.1	6959.0	6362.1	5608.2	4843.1	4019.2
27.5°	9108.8	9526.1	9745.9	9734.0	9745.9	9526.1	9108.8	8453.6	7663.1	6715.2	5648.9
25°	11237.9	11721.2	11940.1	12136.2	11940.1	11721.2	11237.9	10489.1	9615.6	8623.3	7476.5
22.5°	13391.1	13956.3	14264.7	14409.2	14264.7	13956.3	13391.1	12554.2	11608.7	10503.7	9280.4
20°	15518.8	16147.9	16475.2	16617.8	16475.2	16147.9	15518.8	14697.5	13631.9	12379.0	11032.1
17.5°	17405.7	18019.9	18331.9	18464.2	18331.9	18019.9	17405.7	16652.0	15538.6	14212.8	12684.8
15°	18912.5	19365.5	19630.9	19701.1	19630.9	19365.5	18912.5	18264.7	17218.0	15857.7	14269.0
12.5°	19954.0	20129.5	20257.1	20296.3	20257.1	20129.5	19954.0	19413.7	18598.8	17253.5	15636.7
10°	20486.5	20407.3	20374.6	20378.7	20374.6	20407.3	20486.5	20091.3	19397.0	18326.8	16825.7
7.5°	20449.8	20332.7	20097.2	20059.7	20097.2	20332.7	20449.8	20357.6	19874.2	18980.4	17596.3
5°	20156.1	19942.6	19551.8	19439.4	19551.8	19942.6	20156.1	20192.3	19949.6	19285.7	18089.5
2.5°	19813.6	19428.8	19068.7	18837.1	19068.7	19428.8	19813.6	19973.7	19931.9	19491.8	18476.9
0°	19711.9	19267.3	18801.2	18650.6	18801.2	19267.3	19711.9	19923.4	19930.6	19568.5	18636.3
-2.5°	19813.6	19428.8	19068.7	18837.1	19068.7	19428.8	19813.6	19973.7	19931.9	19491.8	18476.9
-5°	20156.1	19942.6	19551.8	19439.4	19551.8	19942.6	20156.1	20192.3	19949.6	19285.7	18089.5
-7.5°	20449.8	20332.7	20097.2	20059.7	20097.2	20332.7	20449.8	20357.6	19874.2	18980.4	17596.3
-10°	20486.5	20407.3	20374.6	20378.7	20374.6	20407.3	20486.5	20091.3	19397.0	18326.8	16825.7
-12.5°	19954.0	20129.5	20257.1	20296.3	20257.1	20129.5	19954.0	19413.7	18598.8	17253.5	15636.7
-15°	18912.5	19365.5	19630.9	19701.1	19630.9	19365.5	18912.5	18264.7	17218.0	15857.7	14269.0
-17.5°	17405.7	18019.9	18331.9	18464.2	18331.9	18019.9	17405.7	16652.0	15538.6	14212.8	12684.8
-20°	15518.8	16147.9	16475.2	16617.8	16475.2	16147.9	15518.8	14697.5	13631.9	12379.0	11032.1



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	13391.1	13956.3	14264.7	14409.2	14264.7	13956.3	13391.1	12554.2	11608.7	10503.7	9280.4
-25°	11237.9	11721.2	11940.1	12136.2	11940.1	11721.2	11237.9	10489.1	9615.6	8623.3	7476.5
-27.5°	9108.8	9526.1	9745.9	9734.0	9745.9	9526.1	9108.8	8453.6	7663.1	6715.2	5648.9
-30°	6959.0	7326.1	7529.9	7629.5	7529.9	7326.1	6959.0	6362.1	5608.2	4843.1	4019.2
-32.5°	4862.0	5140.6	5294.7	5413.8	5294.7	5140.6	4862.0	4404.8	3817.3	3273.0	2819.1
-35°	3167.4	3318.5	3399.4	3427.5	3399.4	3318.5	3167.4	2922.2	2594.0	2250.6	2008.5
-37.5°	2111.1	2178.2	2213.6	2244.4	2213.6	2178.2	2111.1	1994.2	1822.9	1619.3	1486.7
-40°	1501.3	1535.9	1555.1	1570.4	1555.1	1535.9	1501.3	1443.0	1355.6	1249.7	1166.1
-42.5°	1154.1	1175.6	1185.7	1183.1	1185.7	1175.6	1154.1	1122.6	1077.8	1022.3	967.7
-45°	946.0	955.5	962.3	968.0	962.3	955.5	946.0	929.9	904.8	873.1	838.2
-47.5°	811.0	815.8	819.0	821.0	819.0	815.8	811.0	802.5	788.9	770.6	748.8
-50°	721.0	721.9	721.8	720.6	721.8	721.9	721.0	717.9	711.8	702.2	690.4
-52.5°	663.2	662.3	661.2	659.7	661.2	662.3	663.2	662.6	660.2	654.7	647.9
-55°	621.6	619.9	618.4	616.7	618.4	619.9	621.6	622.1	621.1	617.4	612.6
-57.5°	588.4	587.4	586.1	584.4	586.1	587.4	588.4	588.4	587.3	584.7	581.1
-60°	557.6	558.0	557.3	555.7	557.3	558.0	557.6	555.9	552.7	549.1	545.0
-62.5°	518.4	521.2	521.4	519.9	521.4	521.2	518.4	514.4	509.3	504.9	499.9
-65°	468.8	471.3	472.8	473.3	472.8	471.3	468.8	465.5	461.4	456.8	451.1
-67.5°	419.7	421.2	420.9	419.5	420.9	421.2	419.7	417.5	414.6	410.0	403.3
-70°	365.0	364.3	365.3	365.7	365.3	364.3	365.0	364.7	363.4	360.1	354.1
-72.5°	310.6	310.6	309.8	308.3	309.8	310.6	310.6	309.9	308.5	306.1	302.3
-75°	257.1	256.9	256.1	254.6	256.1	256.9	257.1	256.8	255.9	254.2	250.8
-77.5°	201.4	200.0	200.5	200.8	200.5	200.0	201.4	202.2	202.4	201.6	198.0
-80°	149.9	149.9	148.6	147.0	148.6	149.9	149.9	149.5	148.6	147.3	144.8
-82.5°	102.8	103.5	102.1	100.4	102.1	103.5	102.8	101.9	100.9	99.6	97.9
-85°	57.6	57.1	55.5	53.8	55.5	57.1	57.6	58.0	58.2	58.2	56.3
-87.5°	18.6	17.8	17.9	17.9	17.9	17.8	18.6	19.4	20.1	20.8	19.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	18.5	17.4	16.2	16.7	17.1	17.4	17.6	17.1	16.5	15.8	15.2
85°	54.4	52.2	50.0	49.4	48.6	47.7	46.6	44.6	42.4	40.2	37.8
82.5°	95.8	93.5	90.9	89.1	87.0	84.8	82.1	78.2	74.1	70.1	66.0
80°	142.0	138.8	135.3	132.3	129.0	125.3	121.1	115.0	108.5	102.2	96.3
77.5°	194.0	189.4	184.4	179.3	174.0	168.4	162.1	154.4	146.6	138.4	130.2
75°	246.7	241.8	236.0	229.2	221.9	214.0	205.6	196.3	186.5	176.2	165.9
72.5°	297.8	292.7	286.7	279.5	271.1	261.8	251.4	240.0	228.0	215.4	203.1
70°	347.7	341.1	335.1	328.9	321.0	311.5	299.2	285.5	271.1	256.5	242.2
67.5°	395.7	387.4	381.5	375.8	368.7	359.9	347.2	332.4	316.2	299.3	282.4
65°	443.6	434.2	428.4	423.2	416.3	407.5	394.1	379.1	362.1	343.1	323.6
62.5°	493.6	485.9	479.4	471.9	463.8	454.0	440.5	424.7	407.5	387.7	364.9
60°	540.3	534.6	524.5	515.2	506.9	496.7	480.7	465.5	451.4	428.6	404.2
57.5°	576.6	569.9	560.5	550.9	540.9	527.7	513.5	499.2	482.8	463.6	440.8
55°	606.8	599.4	590.7	581.1	570.3	555.6	540.9	525.6	509.9	493.9	471.7
52.5°	640.0	631.9	621.6	608.9	596.5	582.1	565.5	549.3	534.6	518.2	500.0
50°	679.3	669.5	657.7	644.3	627.6	609.6	592.3	573.3	557.9	541.9	523.4
47.5°	732.3	716.1	698.6	682.7	662.2	640.4	620.5	600.9	582.7	565.5	546.6
45°	811.9	781.3	748.4	726.4	700.3	675.6	649.9	628.0	607.0	587.6	569.9
42.5°	926.2	877.6	832.6	788.9	747.0	716.6	684.7	657.4	632.1	609.1	588.3
40°	1091.3	1007.4	945.5	876.5	820.3	766.7	725.9	688.8	659.5	632.1	606.8
37.5°	1340.5	1201.8	1098.9	991.2	913.0	838.3	775.5	727.1	687.4	655.7	626.2
35°	1726.2	1509.8	1316.9	1164.4	1026.0	927.7	839.9	772.1	721.2	679.8	645.5
32.5°	2328.9	1985.6	1635.4	1410.0	1196.3	1035.8	922.9	829.5	757.5	708.2	667.0
30°	3266.3	2661.0	2145.9	1725.4	1432.3	1187.1	1015.2	901.1	809.0	737.0	688.7
27.5°	4626.9	3566.5	2845.8	2190.5	1717.4	1395.3	1149.1	977.7	863.1	777.2	713.7
25°	6215.1	4945.8	3711.6	2825.5	2128.9	1630.8	1305.4	1085.0	930.1	819.2	735.7
22.5°	7889.1	6400.6	4921.4	3541.5	2639.2	1975.2	1507.2	1193.2	993.4	863.8	767.6
20°	9550.1	7869.3	6184.0	4606.1	3260.6	2312.4	1726.7	1336.8	1081.8	914.0	797.8
17.5°	11076.5	9310.8	7464.3	5639.9	4025.9	2825.1	2005.0	1481.9	1158.9	958.5	824.0
15°	12522.0	10657.9	8710.2	6736.8	4843.8	3276.7	2242.0	1608.4	1239.1	1010.2	858.3
12.5°	13831.1	11867.6	9818.2	7679.8	5570.0	3782.8	2558.3	1794.8	1337.6	1063.9	890.7
10°	14973.8	12877.4	10693.7	8472.1	6272.0	4306.8	2857.3	1953.7	1422.9	1108.4	917.1
7.5°	15794.6	13672.4	11389.4	9112.6	6842.9	4757.1	3111.5	2079.6	1489.8	1142.5	937.5
5°	16398.0	14292.4	11969.4	9633.0	7266.8	5093.8	3301.3	2168.1	1537.7	1166.0	951.6
2.5°	16811.9	14684.7	12357.5	9974.4	7512.7	5291.4	3422.2	2215.7	1560.4	1184.6	959.4
0°	16929.7	14796.5	12455.3	10153.5	7550.6	5317.0	3470.6	2222.9	1559.6	1193.9	960.9
-2.5°	16811.9	14684.7	12357.5	9974.4	7512.7	5291.4	3422.2	2215.7	1560.4	1184.6	959.4
-5°	16398.0	14292.4	11969.4	9633.0	7266.8	5093.8	3301.3	2168.1	1537.7	1166.0	951.6
-7.5°	15794.6	13672.4	11389.4	9112.6	6842.9	4757.1	3111.5	2079.6	1489.8	1142.5	937.5
-10°	14973.8	12877.4	10693.7	8472.1	6272.0	4306.8	2857.3	1953.7	1422.9	1108.4	917.1
-12.5°	13831.1	11867.6	9818.2	7679.8	5570.0	3782.8	2558.3	1794.8	1337.6	1063.9	890.7
-15°	12522.0	10657.9	8710.2	6736.8	4843.8	3276.7	2242.0	1608.4	1239.1	1010.2	858.3
-17.5°	11076.5	9310.8	7464.3	5639.9	4025.9	2825.1	2005.0	1481.9	1158.9	958.5	824.0
-20°	9550.1	7869.3	6184.0	4606.1	3260.6	2312.4	1726.7	1336.8	1081.8	914.0	797.8



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7889.1	6400.6	4921.4	3541.5	2639.2	1975.2	1507.2	1193.2	993.4	863.8	767.6
-25°	6215.1	4945.8	3711.6	2825.5	2128.9	1630.8	1305.4	1085.0	930.1	819.2	735.7
-27.5°	4626.9	3566.5	2845.8	2190.5	1717.4	1395.3	1149.1	977.7	863.1	777.2	713.7
-30°	3266.3	2661.0	2145.9	1725.4	1432.3	1187.1	1015.2	901.1	809.0	737.0	688.7
-32.5°	2328.9	1985.6	1635.4	1410.0	1196.3	1035.8	922.9	829.5	757.5	708.2	667.0
-35°	1726.2	1509.8	1316.9	1164.4	1026.0	927.7	839.9	772.1	721.2	679.8	645.5
-37.5°	1340.5	1201.8	1098.9	991.2	913.0	838.3	775.5	727.1	687.4	655.7	626.2
-40°	1091.3	1007.4	945.5	876.5	820.3	766.7	725.9	688.8	659.5	632.1	606.8
-42.5°	926.2	877.6	832.6	788.9	747.0	716.6	684.7	657.4	632.1	609.1	588.3
-45°	811.9	781.3	748.4	726.4	700.3	675.6	649.9	628.0	607.0	587.6	569.9
-47.5°	732.3	716.1	698.6	682.7	662.2	640.4	620.5	600.9	582.7	565.5	546.6
-50°	679.3	669.5	657.7	644.3	627.6	609.6	592.3	573.3	557.9	541.9	523.4
-52.5°	640.0	631.9	621.6	608.9	596.5	582.1	565.5	549.3	534.6	518.2	500.0
-55°	606.8	599.4	590.7	581.1	570.3	555.6	540.9	525.6	509.9	493.9	471.7
-57.5°	576.6	569.9	560.5	550.9	540.9	527.7	513.5	499.2	482.8	463.6	440.8
-60°	540.3	534.6	524.5	515.2	506.9	496.7	480.7	465.5	451.4	428.6	404.2
-62.5°	493.6	485.9	479.4	471.9	463.8	454.0	440.5	424.7	407.5	387.7	364.9
-65°	443.6	434.2	428.4	423.2	416.3	407.5	394.1	379.1	362.1	343.1	323.6
-67.5°	395.7	387.4	381.5	375.8	368.7	359.9	347.2	332.4	316.2	299.3	282.4
-70°	347.7	341.1	335.1	328.9	321.0	311.5	299.2	285.5	271.1	256.5	242.2
-72.5°	297.8	292.7	286.7	279.5	271.1	261.8	251.4	240.0	228.0	215.4	203.1
-75°	246.7	241.8	236.0	229.2	221.9	214.0	205.6	196.3	186.5	176.2	165.9
-77.5°	194.0	189.4	184.4	179.3	174.0	168.4	162.1	154.4	146.6	138.4	130.2
-80°	142.0	138.8	135.3	132.3	129.0	125.3	121.1	115.0	108.5	102.2	96.3
-82.5°	95.8	93.5	90.9	89.1	87.0	84.8	82.1	78.2	74.1	70.1	66.0
-85°	54.4	52.2	50.0	49.4	48.6	47.7	46.6	44.6	42.4	40.2	37.8
-87.5°	18.5	17.4	16.2	16.7	17.1	17.4	17.6	17.1	16.5	15.8	15.2
-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: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-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°	14.5	13.8	13.1	12.3	11.5	10.7	9.9	9.1	7.9	6.7	5.6
85°	35.3	32.7	30.0	27.3	24.3	21.5	19.8	18.1	15.7	13.4	11.3
82.5°	61.9	57.9	53.9	49.7	44.9	40.2	35.5	31.0	25.9	20.5	16.9
80°	90.8	85.2	79.3	73.1	66.1	58.7	52.3	46.0	39.8	33.3	26.3
77.5°	122.2	114.0	105.4	97.6	89.5	80.8	71.6	62.0	53.7	46.0	37.7
75°	155.7	145.7	135.4	124.8	113.9	102.8	92.3	81.3	70.2	58.9	49.1
72.5°	191.2	178.8	166.0	152.8	140.1	127.0	113.7	100.3	87.4	74.2	60.9
70°	227.6	212.5	197.5	182.7	167.2	151.1	135.9	120.1	104.4	89.4	74.2
67.5°	264.9	247.9	230.2	212.7	195.5	177.4	158.3	139.8	122.0	104.4	87.4
65°	304.1	283.9	263.2	243.4	223.6	203.8	182.9	160.0	139.1	119.5	100.3
62.5°	342.6	320.6	297.4	273.7	251.2	229.3	207.0	181.6	156.4	134.2	113.0
60°	379.9	355.2	330.3	304.1	278.5	253.9	229.2	202.6	175.2	148.6	125.4
57.5°	414.2	388.2	360.3	332.8	305.3	278.0	250.7	222.4	193.4	164.2	137.5
55°	446.3	418.1	388.9	359.2	330.3	301.3	271.6	241.5	210.9	179.7	149.3
52.5°	476.5	447.0	416.1	384.5	353.2	323.3	292.0	259.9	227.5	194.7	162.3
50°	502.9	475.1	442.4	409.1	375.1	343.5	311.7	277.9	243.6	209.1	175.0
47.5°	525.0	499.5	467.9	432.8	397.2	363.4	330.2	295.2	259.2	222.9	187.2
45°	546.7	522.1	491.5	455.7	418.9	383.2	348.0	311.8	274.1	236.2	198.8
42.5°	567.0	542.4	513.9	477.6	439.6	402.2	365.3	327.5	288.4	248.9	209.8
40°	584.3	560.3	534.9	498.8	459.2	420.2	381.7	342.7	302.1	260.9	220.3
37.5°	601.1	576.5	550.4	518.7	477.6	437.1	397.1	357.2	315.3	272.6	230.1
35°	617.4	591.9	564.3	534.1	494.7	452.8	411.5	370.8	327.7	283.7	239.3
32.5°	632.0	605.8	577.1	546.7	510.4	467.3	424.8	382.7	339.2	294.3	247.9
30°	649.3	617.4	588.6	558.9	523.9	480.6	437.1	393.8	349.7	304.2	255.9
27.5°	665.9	628.6	598.9	569.2	534.5	492.7	448.5	404.1	359.4	313.3	263.9
25°	682.0	641.4	608.5	577.7	544.6	504.3	459.0	413.5	367.9	321.1	271.2
22.5°	700.4	653.2	617.4	585.1	554.3	514.7	468.5	422.1	375.5	328.2	277.9
20°	716.8	662.9	625.7	592.1	561.5	522.6	476.9	429.7	382.3	334.5	284.0
17.5°	732.8	673.8	633.7	598.9	567.0	529.5	484.4	436.3	388.2	339.9	289.4
15°	755.1	686.4	640.8	604.6	571.6	535.3	490.7	442.0	393.3	344.5	294.2
12.5°	774.2	696.9	646.6	609.3	575.3	540.2	496.0	446.8	397.5	348.6	298.5
10°	789.6	705.3	651.1	613.0	578.2	544.0	500.1	450.8	401.5	352.1	302.0
7.5°	801.4	711.5	654.3	615.5	580.2	546.8	504.0	454.3	404.6	354.9	304.8
5°	809.4	715.6	657.0	617.0	581.3	548.5	506.8	456.9	406.9	356.9	306.7
2.5°	813.6	717.5	659.0	617.4	581.5	549.0	508.5	458.4	408.2	358.1	307.9
0°	813.9	717.1	659.7	616.7	580.8	548.5	509.1	458.9	408.7	358.5	308.3
-2.5°	813.6	717.5	659.0	617.4	581.5	549.0	508.5	458.4	408.2	358.1	307.9
-5°	809.4	715.6	657.0	617.0	581.3	548.5	506.8	456.9	406.9	356.9	306.7
-7.5°	801.4	711.5	654.3	615.5	580.2	546.8	504.0	454.3	404.6	354.9	304.8
-10°	789.6	705.3	651.1	613.0	578.2	544.0	500.1	450.8	401.5	352.1	302.0
-12.5°	774.2	696.9	646.6	609.3	575.3	540.2	496.0	446.8	397.5	348.6	298.5
-15°	755.1	686.4	640.8	604.6	571.6	535.3	490.7	442.0	393.3	344.5	294.2
-17.5°	732.8	673.8	633.7	598.9	567.0	529.5	484.4	436.3	388.2	339.9	289.4
-20°	716.8	662.9	625.7	592.1	561.5	522.6	476.9	429.7	382.3	334.5	284.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	700.4	653.2	617.4	585.1	554.3	514.7	468.5	422.1	375.5	328.2	277.9
-25°	682.0	641.4	608.5	577.7	544.6	504.3	459.0	413.5	367.9	321.1	271.2
-27.5°	665.9	628.6	598.9	569.2	534.5	492.7	448.5	404.1	359.4	313.3	263.9
-30°	649.3	617.4	588.6	558.9	523.9	480.6	437.1	393.8	349.7	304.2	255.9
-32.5°	632.0	605.8	577.1	546.7	510.4	467.3	424.8	382.7	339.2	294.3	247.9
-35°	617.4	591.9	564.3	534.1	494.7	452.8	411.5	370.8	327.7	283.7	239.3
-37.5°	601.1	576.5	550.4	518.7	477.6	437.1	397.1	357.2	315.3	272.6	230.1
-40°	584.3	560.3	534.9	498.8	459.2	420.2	381.7	342.7	302.1	260.9	220.3
-42.5°	567.0	542.4	513.9	477.6	439.6	402.2	365.3	327.5	288.4	248.9	209.8
-45°	546.7	522.1	491.5	455.7	418.9	383.2	348.0	311.8	274.1	236.2	198.8
-47.5°	525.0	499.5	467.9	432.8	397.2	363.4	330.2	295.2	259.2	222.9	187.2
-50°	502.9	475.1	442.4	409.1	375.1	343.5	311.7	277.9	243.6	209.1	175.0
-52.5°	476.5	447.0	416.1	384.5	353.2	323.3	292.0	259.9	227.5	194.7	162.3
-55°	446.3	418.1	388.9	359.2	330.3	301.3	271.6	241.5	210.9	179.7	149.3
-57.5°	414.2	388.2	360.3	332.8	305.3	278.0	250.7	222.4	193.4	164.2	137.5
-60°	379.9	355.2	330.3	304.1	278.5	253.9	229.2	202.6	175.2	148.6	125.4
-62.5°	342.6	320.6	297.4	273.7	251.2	229.3	207.0	181.6	156.4	134.2	113.0
-65°	304.1	283.9	263.2	243.4	223.6	203.8	182.9	160.0	139.1	119.5	100.3
-67.5°	264.9	247.9	230.2	212.7	195.5	177.4	158.3	139.8	122.0	104.4	87.4
-70°	227.6	212.5	197.5	182.7	167.2	151.1	135.9	120.1	104.4	89.4	74.2
-72.5°	191.2	178.8	166.0	152.8	140.1	127.0	113.7	100.3	87.4	74.2	60.9
-75°	155.7	145.7	135.4	124.8	113.9	102.8	92.3	81.3	70.2	58.9	49.1
-77.5°	122.2	114.0	105.4	97.6	89.5	80.8	71.6	62.0	53.7	46.0	37.7
-80°	90.8	85.2	79.3	73.1	66.1	58.7	52.3	46.0	39.8	33.3	26.3
-82.5°	61.9	57.9	53.9	49.7	44.9	40.2	35.5	31.0	25.9	20.5	16.9
-85°	35.3	32.7	30.0	27.3	24.3	21.5	19.8	18.1	15.7	13.4	11.3
-87.5°	14.5	13.8	13.1	12.3	11.5	10.7	9.9	9.1	7.9	6.7	5.6
-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: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
85°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
82.5°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
80°	19.1	15.4	12.4	9.3	6.2	3.1	0.0
77.5°	29.1	20.8	15.4	11.6	7.7	3.9	0.0
75°	39.1	29.1	19.1	13.9	9.3	4.6	0.0
72.5°	48.9	37.4	25.7	16.1	10.8	5.4	0.0
70°	58.9	45.5	32.2	18.8	12.2	6.1	0.0
67.5°	70.0	53.5	38.6	23.6	13.7	6.8	0.0
65°	81.0	61.9	44.9	28.4	15.1	7.6	0.0
62.5°	91.7	70.7	51.1	33.0	16.5	8.3	0.0
60°	102.1	79.3	57.1	37.5	17.9	8.9	0.0
57.5°	112.5	87.6	63.7	41.9	20.8	9.6	0.0
55°	122.8	95.7	70.1	46.2	23.6	10.3	0.0
52.5°	132.8	103.6	76.2	50.4	26.3	10.9	0.0
50°	142.5	111.7	82.2	54.4	28.9	11.5	0.0
47.5°	152.1	119.6	87.9	58.4	31.4	12.1	0.0
45°	162.0	127.2	93.3	62.5	33.8	12.7	0.0
42.5°	171.5	134.6	98.5	66.4	36.1	13.2	0.0
40°	180.4	141.6	103.8	70.0	38.2	13.7	0.0
37.5°	188.9	148.4	109.1	73.3	40.2	14.2	0.0
35°	196.8	154.9	114.2	76.5	42.1	14.7	0.0
32.5°	204.2	161.1	119.0	79.4	43.9	15.1	0.0
30°	211.0	166.9	123.5	82.1	45.5	15.5	0.0
27.5°	217.3	172.2	127.5	84.7	47.0	15.9	0.0
25°	223.0	177.0	131.1	86.9	48.3	16.2	0.0
22.5°	228.1	181.3	134.4	89.0	49.5	16.5	0.0
20°	232.6	185.0	137.3	90.8	50.5	16.8	0.0
17.5°	236.7	188.2	139.8	92.4	51.5	17.1	0.0
15°	240.4	190.9	142.0	93.8	52.2	17.3	0.0
12.5°	243.5	193.1	143.8	94.9	52.8	17.5	0.0
10°	246.2	194.9	145.2	95.8	53.3	17.6	0.0
7.5°	248.3	196.2	146.2	96.4	53.6	17.7	0.0
5°	249.8	197.0	146.9	96.8	53.8	17.8	0.0
2.5°	250.7	197.4	147.1	96.9	53.9	17.9	0.0
0°	251.0	197.2	147.0	96.8	53.8	17.9	0.0
-2.5°	250.7	197.4	147.1	96.9	53.9	17.9	0.0
-5°	249.8	197.0	146.9	96.8	53.8	17.8	0.0
-7.5°	248.3	196.2	146.2	96.4	53.6	17.7	0.0
-10°	246.2	194.9	145.2	95.8	53.3	17.6	0.0
-12.5°	243.5	193.1	143.8	94.9	52.8	17.5	0.0
-15°	240.4	190.9	142.0	93.8	52.2	17.3	0.0
-17.5°	236.7	188.2	139.8	92.4	51.5	17.1	0.0
-20°	232.6	185.0	137.3	90.8	50.5	16.8	0.0

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REPORT NUMBER: P627157 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	228.1	181.3	134.4	89.0	49.5	16.5	0.0
-25°	223.0	177.0	131.1	86.9	48.3	16.2	0.0
-27.5°	217.3	172.2	127.5	84.7	47.0	15.9	0.0
-30°	211.0	166.9	123.5	82.1	45.5	15.5	0.0
-32.5°	204.2	161.1	119.0	79.4	43.9	15.1	0.0
-35°	196.8	154.9	114.2	76.5	42.1	14.7	0.0
-37.5°	188.9	148.4	109.1	73.3	40.2	14.2	0.0
-40°	180.4	141.6	103.8	70.0	38.2	13.7	0.0
-42.5°	171.5	134.6	98.5	66.4	36.1	13.2	0.0
-45°	162.0	127.2	93.3	62.5	33.8	12.7	0.0
-47.5°	152.1	119.6	87.9	58.4	31.4	12.1	0.0
-50°	142.5	111.7	82.2	54.4	28.9	11.5	0.0
-52.5°	132.8	103.6	76.2	50.4	26.3	10.9	0.0
-55°	122.8	95.7	70.1	46.2	23.6	10.3	0.0
-57.5°	112.5	87.6	63.7	41.9	20.8	9.6	0.0
-60°	102.1	79.3	57.1	37.5	17.9	8.9	0.0
-62.5°	91.7	70.7	51.1	33.0	16.5	8.3	0.0
-65°	81.0	61.9	44.9	28.4	15.1	7.6	0.0
-67.5°	70.0	53.5	38.6	23.6	13.7	6.8	0.0
-70°	58.9	45.5	32.2	18.8	12.2	6.1	0.0
-72.5°	48.9	37.4	25.7	16.1	10.8	5.4	0.0
-75°	39.1	29.1	19.1	13.9	9.3	4.6	0.0
-77.5°	29.1	20.8	15.4	11.6	7.7	3.9	0.0
-80°	19.1	15.4	12.4	9.3	6.2	3.1	0.0
-82.5°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
-85°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
-87.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)