

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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627787 (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-SA6B-722-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N131
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

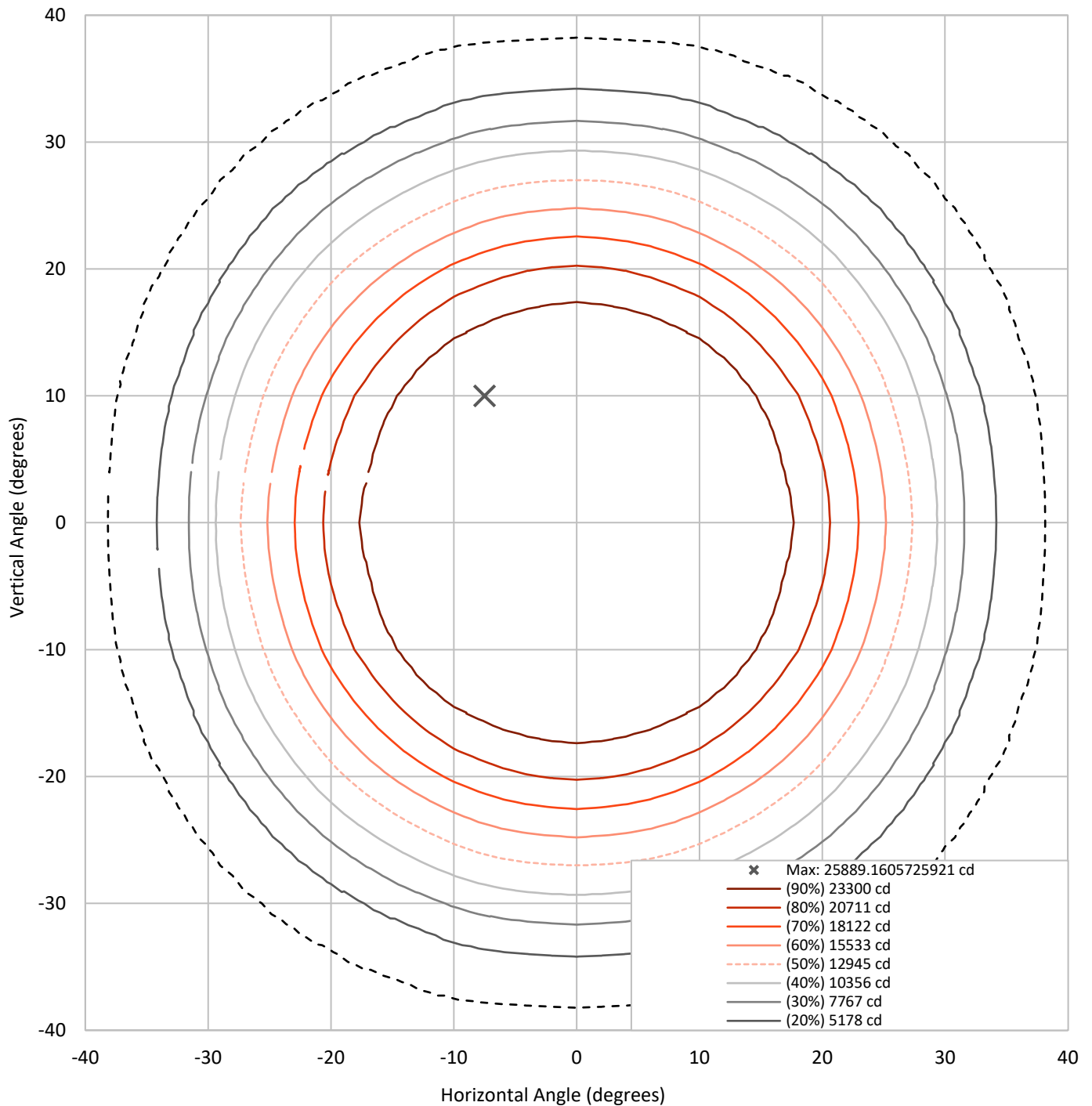
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22034.1 lumens	Max Intensity:	25889.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	115.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	14624.9 lumens	Field Lumens:	19016.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	190.6		
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





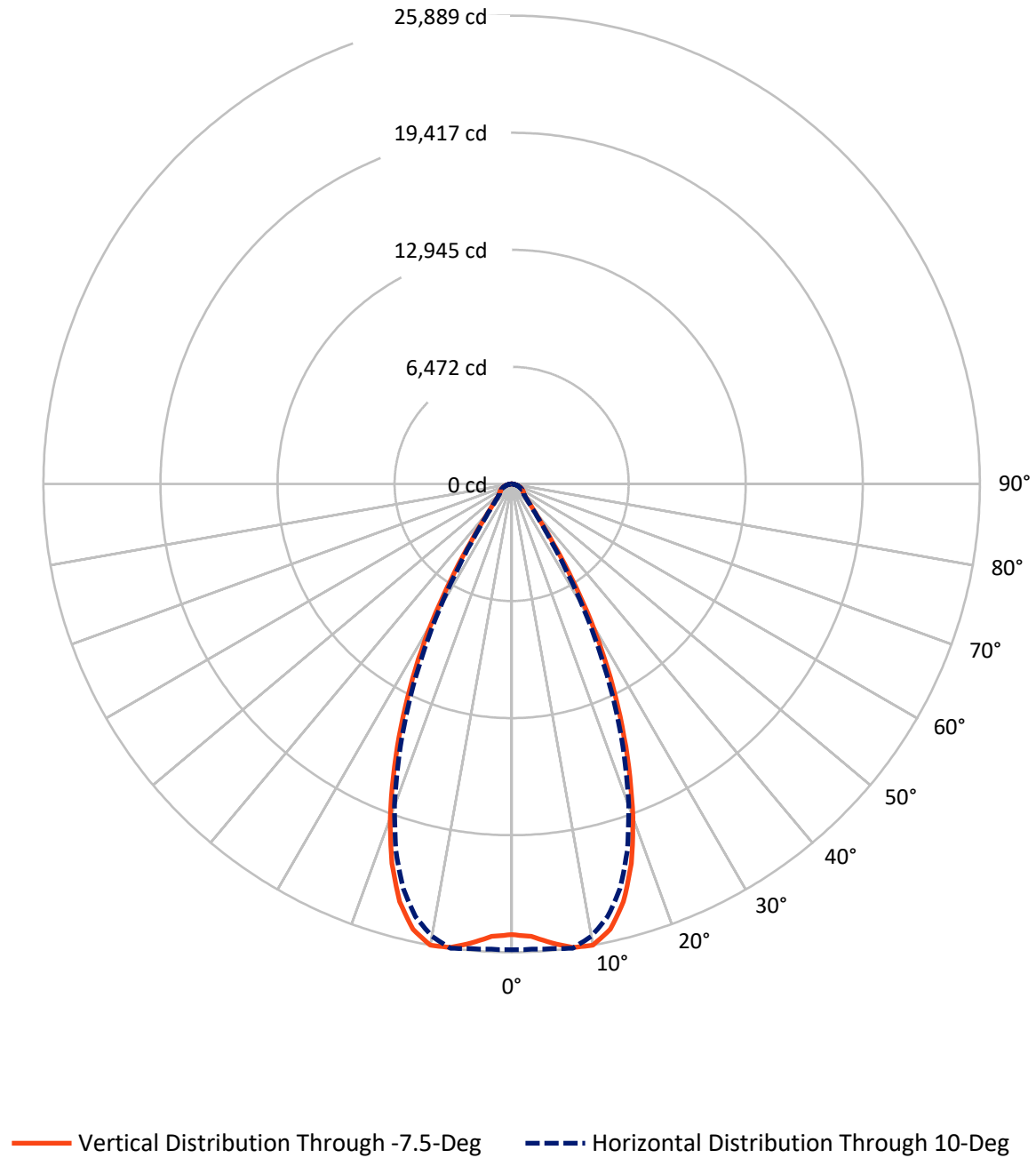
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Lumen Table

90															90				
80	0.6	5.2		13.8		21.9		24.4		21.9		13.8		5.2		0.6			
70															70				
60	2.3	2.7	5.4	8.8	12.3	15.0	16.9	17.9	17.9	16.9	15.0	12.3	8.8	5.4	2.7	2.3			
		4.0	8.0	12.7	17.0	20.6	23.0	24.0	24.0	23.0	20.6	17.0	12.7	8.0	4.0				
50															50				
40	4.1	5.1	10.1	15.4	20.7	26.9	33.9	38.9	38.9	33.9	26.9	20.7	15.4	10.1	5.1	4.1			
		6.1	11.7	17.7	27.4	50.1	95.8	142.1	142.1	95.8	50.1	27.4	17.7	11.7	6.1				
30															30				
20	5.4	6.8	12.7	20.7	45.1	141.4	317.3	443.1	443.1	317.3	141.4	45.1	20.7	12.7	6.8	5.4			
		7.3	13.4	24.6	81.6	301.6	575.8	720.7	720.7	575.8	301.6	81.6	24.6	13.4	7.3				
10															10				
0	5.8	7.5	13.8	27.7	117.5	412.7	698.6	760.1	760.1	698.6	412.7	117.5	27.7	13.8	7.5	5.8			
		7.5	13.8	27.7	117.5	412.7	698.6	760.1	760.1	698.6	412.7	117.5	27.7	13.8	7.5				
-10															-10				
-20	5.4	7.3	13.4	24.6	81.6	301.6	575.8	720.7	720.7	575.8	301.6	81.6	24.6	13.4	7.3	5.4			
		6.8	12.7	20.7	45.1	141.4	317.3	443.1	443.1	317.3	141.4	45.1	20.7	12.7	6.8				
-30															-30				
-40	4.1	6.1	11.7	17.7	27.4	50.1	95.8	142.1	142.1	95.8	50.1	27.4	17.7	11.7	6.1	4.1			
		5.1	10.1	15.4	20.7	26.9	33.9	38.9	38.9	33.9	26.9	20.7	15.4	10.1	5.1				
-50															-50				
-60	2.3	4.0	8.0	12.7	17.0	20.6	23.0	24.0	24.0	23.0	20.6	17.0	12.7	8.0	4.0	2.3			
		2.7	5.4	8.8	12.3	15.0	16.9	17.9	17.9	16.9	15.0	12.3	8.8	5.4	2.7				
-70															-70				
-80	0.6	5.2		13.8		21.9		24.4		21.9		13.8		5.2		0.6			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

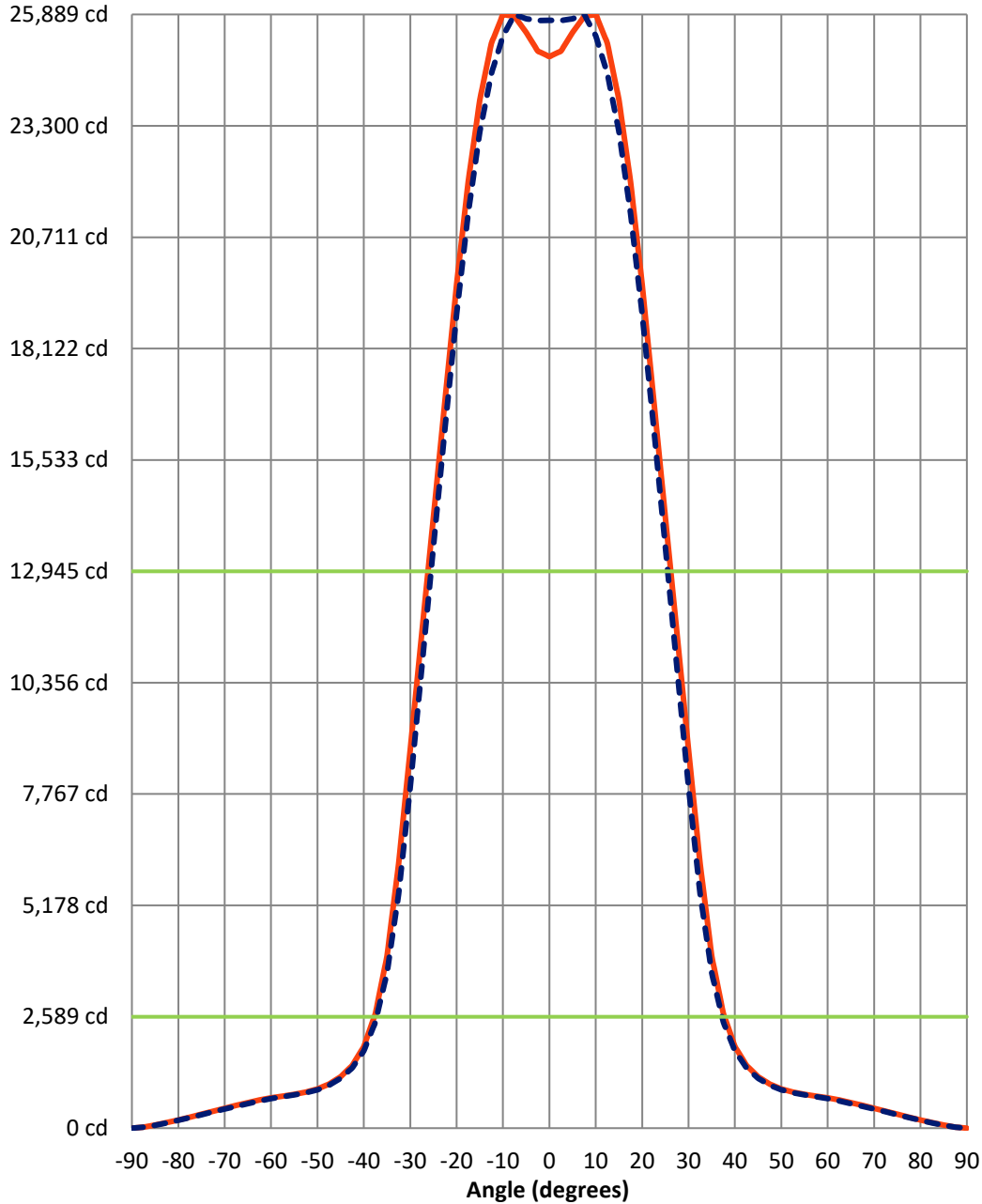
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 14624.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19016.6
 Efficiency: 86.3%

Spill:
 Lumens: 3017.5
 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	1.0	2.0	3.0	3.9	4.9	5.9	7.2	8.5	10.0	11.5
85°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	14.3	17.0	19.9	22.9
82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	21.4	26.0	32.8	39.1
80°	0.0	3.9	7.9	11.8	15.7	19.6	24.2	33.3	42.1	50.3	58.1
77.5°	0.0	4.9	9.8	14.7	19.6	26.4	36.9	47.7	58.1	67.9	78.3
75°	0.0	5.9	11.7	17.6	24.2	36.9	49.4	62.0	74.4	88.6	102.6
72.5°	0.0	6.8	13.6	20.4	32.5	47.2	61.8	76.9	93.8	110.4	126.7
70°	0.0	7.8	15.5	23.9	40.7	57.5	74.3	93.8	113.0	131.9	151.8
67.5°	0.0	8.7	17.4	29.9	48.8	67.5	88.5	110.4	131.9	154.1	176.7
65°	0.0	9.6	19.2	35.9	56.7	78.2	102.3	126.7	151.0	175.8	202.1
62.5°	0.0	10.5	20.9	41.7	64.5	89.3	115.9	142.8	169.6	197.6	229.4
60°	0.0	11.3	22.7	47.4	72.1	100.2	129.0	158.5	187.7	221.4	256.0
57.5°	0.0	12.2	26.3	53.0	80.4	110.7	142.2	173.7	207.5	244.4	281.1
55°	0.0	13.0	29.9	58.4	88.5	120.9	155.1	188.7	227.1	266.5	305.2
52.5°	0.0	13.8	33.3	63.7	96.3	130.9	167.8	205.1	246.1	287.6	328.5
50°	0.0	14.6	36.6	68.8	103.8	141.2	180.1	221.1	264.3	307.9	351.2
47.5°	0.0	15.3	39.7	73.8	111.1	151.2	192.2	236.5	281.7	327.5	373.0
45°	0.0	16.0	42.7	79.0	118.0	160.8	204.7	251.2	298.5	346.4	394.1
42.5°	0.0	16.7	45.6	83.9	124.5	170.1	216.6	265.2	314.5	364.5	413.9
40°	0.0	17.4	48.3	88.4	131.2	179.0	228.0	278.4	329.8	381.8	433.0
37.5°	0.0	18.0	50.9	92.7	137.9	187.5	238.6	290.8	344.5	398.5	451.4
35°	0.0	18.6	53.2	96.6	144.3	195.8	248.7	302.4	358.6	414.1	468.5
32.5°	0.0	19.1	55.4	100.4	150.4	203.6	258.0	313.3	371.9	428.6	483.6
30°	0.0	19.7	57.5	103.8	156.1	210.9	266.6	323.4	384.5	442.0	497.7
27.5°	0.0	20.1	59.4	107.0	161.1	217.6	274.5	333.5	395.9	454.2	510.7
25°	0.0	20.6	61.0	109.9	165.7	223.7	281.7	342.8	405.9	465.0	522.6
22.5°	0.0	21.0	62.6	112.5	169.8	229.1	288.2	351.2	414.8	474.6	533.4
20°	0.0	21.3	63.9	114.8	173.5	233.7	293.9	358.9	422.7	483.2	543.0
17.5°	0.0	21.6	65.0	116.8	176.7	237.7	299.1	365.7	429.6	490.7	551.4
15°	0.0	21.9	66.0	118.5	179.4	241.2	303.7	371.8	435.4	497.1	558.6
12.5°	0.0	22.2	66.8	119.9	181.7	244.0	307.7	377.2	440.6	502.4	564.6
10°	0.0	22.4	67.4	121.0	183.5	246.3	311.1	381.7	445.1	507.4	569.6
7.5°	0.0	22.5	67.8	121.8	184.8	247.9	313.7	385.1	448.6	511.4	574.1
5°	0.0	22.6	68.0	122.3	185.6	249.0	315.6	387.6	451.1	514.2	577.3
2.5°	0.0	22.7	68.1	122.4	186.0	249.4	316.8	389.1	452.6	515.9	579.3
0°	0.0	22.7	68.0	122.3	185.8	249.2	317.2	389.6	453.1	516.5	579.9
-2.5°	0.0	22.7	68.1	122.4	186.0	249.4	316.8	389.1	452.6	515.9	579.3
-5°	0.0	22.6	68.0	122.3	185.6	249.0	315.6	387.6	451.1	514.2	577.3
-7.5°	0.0	22.5	67.8	121.8	184.8	247.9	313.7	385.1	448.6	511.4	574.1
-10°	0.0	22.4	67.4	121.0	183.5	246.3	311.1	381.7	445.1	507.4	569.6
-12.5°	0.0	22.2	66.8	119.9	181.7	244.0	307.7	377.2	440.6	502.4	564.6
-15°	0.0	21.9	66.0	118.5	179.4	241.2	303.7	371.8	435.4	497.1	558.6
-17.5°	0.0	21.6	65.0	116.8	176.7	237.7	299.1	365.7	429.6	490.7	551.4
-20°	0.0	21.3	63.9	114.8	173.5	233.7	293.9	358.9	422.7	483.2	543.0

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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	21.0	62.6	112.5	169.8	229.1	288.2	351.2	414.8	474.6	533.4
-25°	0.0	20.6	61.0	109.9	165.7	223.7	281.7	342.8	405.9	465.0	522.6
-27.5°	0.0	20.1	59.4	107.0	161.1	217.6	274.5	333.5	395.9	454.2	510.7
-30°	0.0	19.7	57.5	103.8	156.1	210.9	266.6	323.4	384.5	442.0	497.7
-32.5°	0.0	19.1	55.4	100.4	150.4	203.6	258.0	313.3	371.9	428.6	483.6
-35°	0.0	18.6	53.2	96.6	144.3	195.8	248.7	302.4	358.6	414.1	468.5
-37.5°	0.0	18.0	50.9	92.7	137.9	187.5	238.6	290.8	344.5	398.5	451.4
-40°	0.0	17.4	48.3	88.4	131.2	179.0	228.0	278.4	329.8	381.8	433.0
-42.5°	0.0	16.7	45.6	83.9	124.5	170.1	216.6	265.2	314.5	364.5	413.9
-45°	0.0	16.0	42.7	79.0	118.0	160.8	204.7	251.2	298.5	346.4	394.1
-47.5°	0.0	15.3	39.7	73.8	111.1	151.2	192.2	236.5	281.7	327.5	373.0
-50°	0.0	14.6	36.6	68.8	103.8	141.2	180.1	221.1	264.3	307.9	351.2
-52.5°	0.0	13.8	33.3	63.7	96.3	130.9	167.8	205.1	246.1	287.6	328.5
-55°	0.0	13.0	29.9	58.4	88.5	120.9	155.1	188.7	227.1	266.5	305.2
-57.5°	0.0	12.2	26.3	53.0	80.4	110.7	142.2	173.7	207.5	244.4	281.1
-60°	0.0	11.3	22.7	47.4	72.1	100.2	129.0	158.5	187.7	221.4	256.0
-62.5°	0.0	10.5	20.9	41.7	64.5	89.3	115.9	142.8	169.6	197.6	229.4
-65°	0.0	9.6	19.2	35.9	56.7	78.2	102.3	126.7	151.0	175.8	202.1
-67.5°	0.0	8.7	17.4	29.9	48.8	67.5	88.5	110.4	131.9	154.1	176.7
-70°	0.0	7.8	15.5	23.9	40.7	57.5	74.3	93.8	113.0	131.9	151.8
-72.5°	0.0	6.8	13.6	20.4	32.5	47.2	61.8	76.9	93.8	110.4	126.7
-75°	0.0	5.9	11.7	17.6	24.2	36.9	49.4	62.0	74.4	88.6	102.6
-77.5°	0.0	4.9	9.8	14.7	19.6	26.4	36.9	47.7	58.1	67.9	78.3
-80°	0.0	3.9	7.9	11.8	15.7	19.6	24.2	33.3	42.1	50.3	58.1
-82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	21.4	26.0	32.8	39.1
-85°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	14.3	17.0	19.9	22.9
-87.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	7.2	8.5	10.0	11.5
-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°	12.6	13.6	14.6	15.6	16.6	17.5	18.4	19.2	20.1	20.8	21.6
85°	25.1	27.2	30.8	34.5	38.0	41.4	44.6	47.8	50.8	53.7	56.4
82.5°	44.9	50.8	56.8	62.9	68.2	73.3	78.3	83.4	88.6	93.7	98.8
80°	66.0	74.2	83.6	92.5	100.2	107.7	114.8	121.7	129.1	137.1	145.2
77.5°	90.5	102.1	113.1	123.3	133.2	144.0	154.4	164.5	174.9	185.2	195.1
75°	116.6	129.9	143.9	157.7	171.1	184.1	196.7	209.6	222.7	235.7	248.1
72.5°	143.6	160.5	177.0	193.1	209.7	225.9	241.6	256.7	272.3	288.2	303.3
70°	171.6	190.9	211.3	230.9	249.7	268.6	287.7	306.2	324.2	342.6	360.8
67.5°	199.9	224.1	247.1	268.9	291.0	313.3	334.8	356.9	378.2	399.6	420.0
65°	231.1	257.5	282.6	307.6	332.6	358.8	384.3	408.8	433.6	457.5	479.0
62.5°	261.6	289.8	317.5	345.9	375.8	405.1	432.9	461.2	489.9	515.0	536.8
60°	289.7	320.9	352.0	384.3	417.3	448.9	480.1	510.8	541.7	570.5	588.3
57.5°	316.9	351.4	385.7	420.6	455.4	490.6	523.4	557.1	585.9	610.1	630.7
55°	343.3	380.7	417.4	453.9	491.5	528.4	564.0	596.0	624.1	644.4	664.3
52.5°	369.0	408.5	446.3	485.9	525.8	564.9	602.1	631.9	654.9	675.6	694.2
50°	393.9	434.1	474.1	516.9	559.1	600.4	635.5	661.5	684.9	705.0	724.5
47.5°	417.3	459.2	501.9	546.9	591.3	631.3	663.5	690.7	714.6	736.4	759.5
45°	439.7	484.2	529.3	575.9	621.2	659.8	690.9	720.2	742.6	767.1	793.5
42.5°	461.6	508.3	555.6	603.6	649.4	685.5	716.5	743.4	769.7	798.8	830.7
40°	482.3	531.0	580.3	630.4	676.0	708.0	738.4	766.9	798.8	833.4	870.3
37.5°	501.8	552.3	603.5	655.5	695.6	728.6	759.6	791.4	828.5	868.6	918.8
35°	520.0	572.2	625.1	675.0	713.1	748.1	780.2	815.6	859.0	911.4	975.7
32.5°	536.8	590.5	645.0	690.8	729.3	765.6	798.6	842.8	894.9	957.3	1048.3
30°	552.4	607.3	662.1	706.3	743.9	780.3	820.5	870.3	931.3	1022.3	1138.8
27.5°	566.8	622.6	675.4	719.3	756.9	794.4	841.5	901.9	982.2	1090.8	1235.6
25°	580.0	637.2	688.2	730.1	769.0	810.6	861.7	929.6	1035.2	1175.5	1371.1
22.5°	592.0	650.4	700.4	739.4	780.3	825.4	885.1	970.0	1091.7	1255.5	1507.8
20°	602.7	660.4	709.6	748.3	790.7	837.6	905.9	1008.2	1155.0	1367.1	1689.3
17.5°	612.1	669.1	716.5	756.8	800.9	851.5	926.1	1041.4	1211.3	1464.5	1872.7
15°	620.1	676.5	722.3	764.0	809.7	867.4	954.2	1084.7	1276.6	1565.8	2032.5
12.5°	626.8	682.7	727.0	770.0	817.0	880.6	978.3	1125.6	1344.5	1690.3	2268.1
10°	632.1	687.5	730.7	774.6	822.8	891.3	997.9	1159.0	1400.7	1798.1	2469.0
7.5°	636.9	691.0	733.2	777.8	826.9	899.2	1012.8	1184.7	1443.8	1882.7	2628.0
5°	640.5	693.2	734.6	779.7	830.3	904.4	1022.9	1202.6	1473.6	1943.2	2739.9
2.5°	642.7	693.9	734.9	780.2	832.8	906.7	1028.1	1212.5	1497.0	1971.9	2800.0
0°	643.4	693.2	734.0	779.3	833.7	906.2	1028.5	1214.3	1508.8	1970.9	2809.1
-2.5°	642.7	693.9	734.9	780.2	832.8	906.7	1028.1	1212.5	1497.0	1971.9	2800.0
-5°	640.5	693.2	734.6	779.7	830.3	904.4	1022.9	1202.6	1473.6	1943.2	2739.9
-7.5°	636.9	691.0	733.2	777.8	826.9	899.2	1012.8	1184.7	1443.8	1882.7	2628.0
-10°	632.1	687.5	730.7	774.6	822.8	891.3	997.9	1159.0	1400.7	1798.1	2469.0
-12.5°	626.8	682.7	727.0	770.0	817.0	880.6	978.3	1125.6	1344.5	1690.3	2268.1
-15°	620.1	676.5	722.3	764.0	809.7	867.4	954.2	1084.7	1276.6	1565.8	2032.5
-17.5°	612.1	669.1	716.5	756.8	800.9	851.5	926.1	1041.4	1211.3	1464.5	1872.7
-20°	602.7	660.4	709.6	748.3	790.7	837.6	905.9	1008.2	1155.0	1367.1	1689.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	592.0	650.4	700.4	739.4	780.3	825.4	885.1	970.0	1091.7	1255.5	1507.8
-25°	580.0	637.2	688.2	730.1	769.0	810.6	861.7	929.6	1035.2	1175.5	1371.1
-27.5°	566.8	622.6	675.4	719.3	756.9	794.4	841.5	901.9	982.2	1090.8	1235.6
-30°	552.4	607.3	662.1	706.3	743.9	780.3	820.5	870.3	931.3	1022.3	1138.8
-32.5°	536.8	590.5	645.0	690.8	729.3	765.6	798.6	842.8	894.9	957.3	1048.3
-35°	520.0	572.2	625.1	675.0	713.1	748.1	780.2	815.6	859.0	911.4	975.7
-37.5°	501.8	552.3	603.5	655.5	695.6	728.6	759.6	791.4	828.5	868.6	918.8
-40°	482.3	531.0	580.3	630.4	676.0	708.0	738.4	766.9	798.8	833.4	870.3
-42.5°	461.6	508.3	555.6	603.6	649.4	685.5	716.5	743.4	769.7	798.8	830.7
-45°	439.7	484.2	529.3	575.9	621.2	659.8	690.9	720.2	742.6	767.1	793.5
-47.5°	417.3	459.2	501.9	546.9	591.3	631.3	663.5	690.7	714.6	736.4	759.5
-50°	393.9	434.1	474.1	516.9	559.1	600.4	635.5	661.5	684.9	705.0	724.5
-52.5°	369.0	408.5	446.3	485.9	525.8	564.9	602.1	631.9	654.9	675.6	694.2
-55°	343.3	380.7	417.4	453.9	491.5	528.4	564.0	596.0	624.1	644.4	664.3
-57.5°	316.9	351.4	385.7	420.6	455.4	490.6	523.4	557.1	585.9	610.1	630.7
-60°	289.7	320.9	352.0	384.3	417.3	448.9	480.1	510.8	541.7	570.5	588.3
-62.5°	261.6	289.8	317.5	345.9	375.8	405.1	432.9	461.2	489.9	515.0	536.8
-65°	231.1	257.5	282.6	307.6	332.6	358.8	384.3	408.8	433.6	457.5	479.0
-67.5°	199.9	224.1	247.1	268.9	291.0	313.3	334.8	356.9	378.2	399.6	420.0
-70°	171.6	190.9	211.3	230.9	249.7	268.6	287.7	306.2	324.2	342.6	360.8
-72.5°	143.6	160.5	177.0	193.1	209.7	225.9	241.6	256.7	272.3	288.2	303.3
-75°	116.6	129.9	143.9	157.7	171.1	184.1	196.7	209.6	222.7	235.7	248.1
-77.5°	90.5	102.1	113.1	123.3	133.2	144.0	154.4	164.5	174.9	185.2	195.1
-80°	66.0	74.2	83.6	92.5	100.2	107.7	114.8	121.7	129.1	137.1	145.2
-82.5°	44.9	50.8	56.8	62.9	68.2	73.3	78.3	83.4	88.6	93.7	98.8
-85°	25.1	27.2	30.8	34.5	38.0	41.4	44.6	47.8	50.8	53.7	56.4
-87.5°	12.6	13.6	14.6	15.6	16.6	17.5	18.4	19.2	20.1	20.8	21.6
-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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	22.3	22.0	21.6	21.1	20.6	22.0	23.4	24.9	26.3	25.5	24.6
85°	59.0	60.3	61.4	62.4	63.2	66.0	68.7	71.2	73.6	73.5	73.2
82.5°	103.8	107.1	110.0	112.6	114.8	118.1	121.1	123.6	125.8	127.4	128.8
80°	152.9	158.4	163.0	167.2	171.0	175.3	179.4	183.0	186.1	187.8	188.9
77.5°	204.9	212.8	219.9	226.6	233.0	239.3	245.1	250.3	254.8	255.8	255.6
75°	259.8	270.4	280.4	289.7	298.2	305.6	311.8	317.0	321.3	323.4	324.5
72.5°	317.8	330.9	342.6	353.2	362.3	369.8	376.4	382.0	386.8	389.9	391.7
70°	378.2	393.6	405.7	415.7	423.5	431.0	439.4	447.4	455.0	459.2	460.8
67.5°	438.7	454.8	465.9	474.9	482.1	489.5	500.1	509.7	518.2	523.9	527.6
65°	498.0	514.9	526.0	534.7	541.3	548.7	560.6	570.1	577.3	583.1	588.3
62.5°	556.6	573.7	586.0	596.3	605.9	614.0	623.8	631.8	638.0	643.6	650.0
60°	607.4	627.6	640.6	651.0	662.9	675.6	682.8	688.7	693.9	698.5	702.5
57.5°	648.9	666.9	683.5	696.1	708.4	720.2	728.7	734.3	738.9	742.3	743.6
55°	683.6	702.2	720.8	734.4	746.5	757.5	766.8	774.1	780.2	784.9	786.0
52.5°	714.7	735.6	753.8	769.5	785.5	798.5	808.7	818.7	827.4	834.3	837.4
50°	748.5	770.4	793.2	814.2	831.2	846.1	858.5	872.5	887.3	899.5	907.2
47.5°	784.1	809.3	836.8	862.8	882.9	904.9	925.5	946.3	973.8	996.9	1014.1
45°	821.3	853.7	885.0	918.0	945.8	987.4	1026.1	1059.2	1103.3	1143.4	1175.1
42.5°	865.2	905.6	944.1	996.9	1052.2	1109.0	1170.5	1222.9	1291.8	1362.0	1418.6
40°	917.3	968.8	1036.7	1107.6	1194.9	1273.1	1379.1	1473.6	1579.3	1713.1	1823.6
37.5°	980.0	1059.4	1153.7	1252.6	1388.7	1518.7	1694.0	1878.8	2046.4	2303.7	2520.1
35°	1061.4	1172.4	1296.6	1471.5	1664.2	1908.0	2181.4	2538.2	2844.1	3278.1	3692.9
32.5°	1166.3	1309.0	1511.8	1781.9	2066.7	2509.2	2943.1	3562.6	4136.2	4824.1	5566.5
30°	1283.0	1500.2	1810.0	2180.5	2711.8	3362.8	4127.6	5079.1	6120.4	7087.2	8039.9
27.5°	1452.1	1763.3	2170.4	2768.2	3596.2	4507.0	5847.1	7138.7	8486.2	9684.0	10683.0
25°	1649.7	2060.9	2690.3	3570.6	4690.4	6250.1	7854.2	9448.2	10897.4	12151.4	13255.2
22.5°	1904.7	2496.2	3335.2	4475.4	6219.2	8088.6	9969.6	11727.9	13273.7	14670.1	15864.9
20°	2182.1	2922.2	4120.4	5820.8	7814.9	9944.6	12068.6	13941.5	15643.5	17226.9	18573.6
17.5°	2533.7	3570.2	5087.6	7127.3	9432.8	11766.2	13997.5	16030.0	17961.1	19636.5	21043.5
15°	2833.3	4140.8	6121.3	8513.5	11007.2	13468.6	15824.3	18032.0	20039.6	21758.7	23081.4
12.5°	3233.0	4780.4	7039.0	9705.1	12407.4	14997.4	17478.7	19760.5	21803.6	23503.7	24533.4
10°	3610.8	5442.6	7926.0	10706.4	13513.9	16273.4	18922.7	21263.0	23159.9	24512.3	25389.8
7.5°	3932.0	6011.7	8647.5	11515.7	14393.0	17278.0	19959.9	22236.8	23985.9	25115.4	25726.3
5°	4171.9	6437.1	9183.1	12173.3	15125.9	18061.6	20722.5	22860.0	24371.7	25210.7	25517.4
2.5°	4324.7	6686.9	9493.9	12604.8	15616.3	18557.3	21245.6	23349.5	24632.2	25188.3	25241.1
0°	4385.8	6719.2	9541.8	12831.2	15740.0	18698.6	21394.4	23551.0	24729.0	25186.6	25177.6
-2.5°	4324.7	6686.9	9493.9	12604.8	15616.3	18557.3	21245.6	23349.5	24632.2	25188.3	25241.1
-5°	4171.9	6437.1	9183.1	12173.3	15125.9	18061.6	20722.5	22860.0	24371.7	25210.7	25517.4
-7.5°	3932.0	6011.7	8647.5	11515.7	14393.0	17278.0	19959.9	22236.8	23985.9	25115.4	25726.3
-10°	3610.8	5442.6	7926.0	10706.4	13513.9	16273.4	18922.7	21263.0	23159.9	24512.3	25389.8
-12.5°	3233.0	4780.4	7039.0	9705.1	12407.4	14997.4	17478.7	19760.5	21803.6	23503.7	24533.4
-15°	2833.3	4140.8	6121.3	8513.5	11007.2	13468.6	15824.3	18032.0	20039.6	21758.7	23081.4
-17.5°	2533.7	3570.2	5087.6	7127.3	9432.8	11766.2	13997.5	16030.0	17961.1	19636.5	21043.5
-20°	2182.1	2922.2	4120.4	5820.8	7814.9	9944.6	12068.6	13941.5	15643.5	17226.9	18573.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1904.7	2496.2	3335.2	4475.4	6219.2	8088.6	9969.6	11727.9	13273.7	14670.1	15864.9
-25°	1649.7	2060.9	2690.3	3570.6	4690.4	6250.1	7854.2	9448.2	10897.4	12151.4	13255.2
-27.5°	1452.1	1763.3	2170.4	2768.2	3596.2	4507.0	5847.1	7138.7	8486.2	9684.0	10683.0
-30°	1283.0	1500.2	1810.0	2180.5	2711.8	3362.8	4127.6	5079.1	6120.4	7087.2	8039.9
-32.5°	1166.3	1309.0	1511.8	1781.9	2066.7	2509.2	2943.1	3562.6	4136.2	4824.1	5566.5
-35°	1061.4	1172.4	1296.6	1471.5	1664.2	1908.0	2181.4	2538.2	2844.1	3278.1	3692.9
-37.5°	980.0	1059.4	1153.7	1252.6	1388.7	1518.7	1694.0	1878.8	2046.4	2303.7	2520.1
-40°	917.3	968.8	1036.7	1107.6	1194.9	1273.1	1379.1	1473.6	1579.3	1713.1	1823.6
-42.5°	865.2	905.6	944.1	996.9	1052.2	1109.0	1170.5	1222.9	1291.8	1362.0	1418.6
-45°	821.3	853.7	885.0	918.0	945.8	987.4	1026.1	1059.2	1103.3	1143.4	1175.1
-47.5°	784.1	809.3	836.8	862.8	882.9	904.9	925.5	946.3	973.8	996.9	1014.1
-50°	748.5	770.4	793.2	814.2	831.2	846.1	858.5	872.5	887.3	899.5	907.2
-52.5°	714.7	735.6	753.8	769.5	785.5	798.5	808.7	818.7	827.4	834.3	837.4
-55°	683.6	702.2	720.8	734.4	746.5	757.5	766.8	774.1	780.2	784.9	786.0
-57.5°	648.9	666.9	683.5	696.1	708.4	720.2	728.7	734.3	738.9	742.3	743.6
-60°	607.4	627.6	640.6	651.0	662.9	675.6	682.8	688.7	693.9	698.5	702.5
-62.5°	556.6	573.7	586.0	596.3	605.9	614.0	623.8	631.8	638.0	643.6	650.0
-65°	498.0	514.9	526.0	534.7	541.3	548.7	560.6	570.1	577.3	583.1	588.3
-67.5°	438.7	454.8	465.9	474.9	482.1	489.5	500.1	509.7	518.2	523.9	527.6
-70°	378.2	393.6	405.7	415.7	423.5	431.0	439.4	447.4	455.0	459.2	460.8
-72.5°	317.8	330.9	342.6	353.2	362.3	369.8	376.4	382.0	386.8	389.9	391.7
-75°	259.8	270.4	280.4	289.7	298.2	305.6	311.8	317.0	321.3	323.4	324.5
-77.5°	204.9	212.8	219.9	226.6	233.0	239.3	245.1	250.3	254.8	255.8	255.6
-80°	152.9	158.4	163.0	167.2	171.0	175.3	179.4	183.0	186.1	187.8	188.9
-82.5°	103.8	107.1	110.0	112.6	114.8	118.1	121.1	123.6	125.8	127.4	128.8
-85°	59.0	60.3	61.4	62.4	63.2	66.0	68.7	71.2	73.6	73.5	73.2
-87.5°	22.3	22.0	21.6	21.1	20.6	22.0	23.4	24.9	26.3	25.5	24.6
-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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	23.6	22.6	22.7	22.7	22.7	22.6	23.6	24.6	25.5	26.3	24.9
85°	72.8	72.1	70.2	68.0	70.2	72.1	72.8	73.2	73.5	73.6	71.2
82.5°	129.9	130.7	129.0	126.9	129.0	130.7	129.9	128.8	127.4	125.8	123.6
80°	189.4	189.4	187.9	185.8	187.9	189.4	189.4	188.9	187.8	186.1	183.0
77.5°	254.5	252.6	253.4	253.7	253.4	252.6	254.5	255.6	255.8	254.8	250.3
75°	325.0	324.7	323.6	321.7	323.6	324.7	325.0	324.5	323.4	321.3	317.0
72.5°	392.6	392.5	391.5	389.6	391.5	392.5	392.6	391.7	389.9	386.8	382.0
70°	461.2	460.4	461.5	462.1	461.5	460.4	461.2	460.8	459.2	455.0	447.4
67.5°	530.4	532.2	531.9	530.1	531.9	532.2	530.4	527.6	523.9	518.2	509.7
65°	592.4	595.5	597.4	598.1	597.4	595.5	592.4	588.3	583.1	577.3	570.1
62.5°	655.0	658.6	658.8	657.0	658.8	658.6	655.0	650.0	643.6	638.0	631.8
60°	704.6	705.2	704.3	702.3	704.3	705.2	704.6	702.5	698.5	693.9	688.7
57.5°	743.5	742.2	740.7	738.5	740.7	742.2	743.5	743.6	742.3	738.9	734.3
55°	785.4	783.3	781.4	779.3	781.4	783.3	785.4	786.0	784.9	780.2	774.1
52.5°	838.0	836.9	835.6	833.7	835.6	836.9	838.0	837.4	834.3	827.4	818.7
50°	911.2	912.3	912.2	910.7	912.2	912.3	911.2	907.2	899.5	887.3	872.5
47.5°	1025.0	1031.0	1035.1	1037.6	1035.1	1031.0	1025.0	1014.1	996.9	973.8	946.3
45°	1195.5	1207.6	1216.1	1223.3	1216.1	1207.6	1195.5	1175.1	1143.4	1103.3	1059.2
42.5°	1458.5	1485.7	1498.5	1495.2	1498.5	1485.7	1458.5	1418.6	1362.0	1291.8	1222.9
40°	1897.2	1941.0	1965.2	1984.5	1965.2	1941.0	1897.2	1823.6	1713.1	1579.3	1473.6
37.5°	2667.8	2752.7	2797.4	2836.3	2797.4	2752.7	2667.8	2520.1	2303.7	2046.4	1878.8
35°	4002.7	4193.6	4295.8	4331.4	4295.8	4193.6	4002.7	3692.9	3278.1	2844.1	2538.2
32.5°	6144.1	6496.3	6691.0	6841.5	6691.0	6496.3	6144.1	5566.5	4824.1	4136.2	3562.6
30°	8794.3	9258.2	9515.7	9641.5	9515.7	9258.2	8794.3	8039.9	7087.2	6120.4	5079.1
27.5°	11511.1	12038.4	12316.1	12301.1	12316.1	12038.4	11511.1	10683.0	9684.0	8486.2	7138.7
25°	14201.5	14812.3	15089.0	15336.7	15089.0	14812.3	14201.5	13255.2	12151.4	10897.4	9448.2
22.5°	16922.6	17636.8	18026.5	18209.2	18026.5	17636.8	16922.6	15864.9	14670.1	13273.7	11727.9
20°	19611.4	20406.4	20820.1	21000.2	20820.1	20406.4	19611.4	18573.6	17226.9	15643.5	13941.5
17.5°	21996.0	22772.1	23166.4	23333.6	23166.4	22772.1	21996.0	21043.5	19636.5	17961.1	16030.0
15°	23900.0	24472.5	24807.8	24896.7	24807.8	24472.5	23900.0	23081.4	21758.7	20039.6	18032.0
12.5°	25216.2	25438.0	25599.3	25648.8	25599.3	25438.0	25216.2	24533.4	23503.7	21803.6	19760.5
10°	25889.2	25789.1	25747.7	25753.0	25747.7	25789.1	25889.2	25389.8	24512.3	23159.9	21263.0
7.5°	25842.9	25694.7	25397.1	25349.8	25397.1	25694.7	25842.9	25726.3	25115.4	23985.9	22236.8
5°	25471.6	25201.8	24707.9	24565.9	24707.9	25201.8	25471.6	25517.4	25210.7	24371.7	22860.0
2.5°	25038.8	24552.5	24097.6	23804.8	24097.6	24552.5	25038.8	25241.1	25188.3	24632.2	23349.5
0°	24910.3	24348.5	23759.4	23569.2	23759.4	24348.5	24910.3	25177.6	25186.6	24729.0	23551.0
-2.5°	25038.8	24552.5	24097.6	23804.8	24097.6	24552.5	25038.8	25241.1	25188.3	24632.2	23349.5
-5°	25471.6	25201.8	24707.9	24565.9	24707.9	25201.8	25471.6	25517.4	25210.7	24371.7	22860.0
-7.5°	25842.9	25694.7	25397.1	25349.8	25397.1	25694.7	25842.9	25726.3	25115.4	23985.9	22236.8
-10°	25889.2	25789.1	25747.7	25753.0	25747.7	25789.1	25889.2	25389.8	24512.3	23159.9	21263.0
-12.5°	25216.2	25438.0	25599.3	25648.8	25599.3	25438.0	25216.2	24533.4	23503.7	21803.6	19760.5
-15°	23900.0	24472.5	24807.8	24896.7	24807.8	24472.5	23900.0	23081.4	21758.7	20039.6	18032.0
-17.5°	21996.0	22772.1	23166.4	23333.6	23166.4	22772.1	21996.0	21043.5	19636.5	17961.1	16030.0
-20°	19611.4	20406.4	20820.1	21000.2	20820.1	20406.4	19611.4	18573.6	17226.9	15643.5	13941.5



REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	16922.6	17636.8	18026.5	18209.2	18026.5	17636.8	16922.6	15864.9	14670.1	13273.7	11727.9
-25°	14201.5	14812.3	15089.0	15336.7	15089.0	14812.3	14201.5	13255.2	12151.4	10897.4	9448.2
-27.5°	11511.1	12038.4	12316.1	12301.1	12316.1	12038.4	11511.1	10683.0	9684.0	8486.2	7138.7
-30°	8794.3	9258.2	9515.7	9641.5	9515.7	9258.2	8794.3	8039.9	7087.2	6120.4	5079.1
-32.5°	6144.1	6496.3	6691.0	6841.5	6691.0	6496.3	6144.1	5566.5	4824.1	4136.2	3562.6
-35°	4002.7	4193.6	4295.8	4331.4	4295.8	4193.6	4002.7	3692.9	3278.1	2844.1	2538.2
-37.5°	2667.8	2752.7	2797.4	2836.3	2797.4	2752.7	2667.8	2520.1	2303.7	2046.4	1878.8
-40°	1897.2	1941.0	1965.2	1984.5	1965.2	1941.0	1897.2	1823.6	1713.1	1579.3	1473.6
-42.5°	1458.5	1485.7	1498.5	1495.2	1498.5	1485.7	1458.5	1418.6	1362.0	1291.8	1222.9
-45°	1195.5	1207.6	1216.1	1223.3	1216.1	1207.6	1195.5	1175.1	1143.4	1103.3	1059.2
-47.5°	1025.0	1031.0	1035.1	1037.6	1035.1	1031.0	1025.0	1014.1	996.9	973.8	946.3
-50°	911.2	912.3	912.2	910.7	912.2	912.3	911.2	907.2	899.5	887.3	872.5
-52.5°	838.0	836.9	835.6	833.7	835.6	836.9	838.0	837.4	834.3	827.4	818.7
-55°	785.4	783.3	781.4	779.3	781.4	783.3	785.4	786.0	784.9	780.2	774.1
-57.5°	743.5	742.2	740.7	738.5	740.7	742.2	743.5	743.6	742.3	738.9	734.3
-60°	704.6	705.2	704.3	702.3	704.3	705.2	704.6	702.5	698.5	693.9	688.7
-62.5°	655.0	658.6	658.8	657.0	658.8	658.6	655.0	650.0	643.6	638.0	631.8
-65°	592.4	595.5	597.4	598.1	597.4	595.5	592.4	588.3	583.1	577.3	570.1
-67.5°	530.4	532.2	531.9	530.1	531.9	532.2	530.4	527.6	523.9	518.2	509.7
-70°	461.2	460.4	461.5	462.1	461.5	460.4	461.2	460.8	459.2	455.0	447.4
-72.5°	392.6	392.5	391.5	389.6	391.5	392.5	392.6	391.7	389.9	386.8	382.0
-75°	325.0	324.7	323.6	321.7	323.6	324.7	325.0	324.5	323.4	321.3	317.0
-77.5°	254.5	252.6	253.4	253.7	253.4	252.6	254.5	255.6	255.8	254.8	250.3
-80°	189.4	189.4	187.9	185.8	187.9	189.4	189.4	188.9	187.8	186.1	183.0
-82.5°	129.9	130.7	129.0	126.9	129.0	130.7	129.9	128.8	127.4	125.8	123.6
-85°	72.8	72.1	70.2	68.0	70.2	72.1	72.8	73.2	73.5	73.6	71.2
-87.5°	23.6	22.6	22.7	22.7	22.7	22.6	23.6	24.6	25.5	26.3	24.9
-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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	23.4	22.0	20.6	21.1	21.6	22.0	22.3	21.6	20.8	20.1	19.2
85°	68.7	66.0	63.2	62.4	61.4	60.3	59.0	56.4	53.7	50.8	47.8
82.5°	121.1	118.1	114.8	112.6	110.0	107.1	103.8	98.8	93.7	88.6	83.4
80°	179.4	175.3	171.0	167.2	163.0	158.4	152.9	145.2	137.1	129.1	121.7
77.5°	245.1	239.3	233.0	226.6	219.9	212.8	204.9	195.1	185.2	174.9	164.5
75°	311.8	305.6	298.2	289.7	280.4	270.4	259.8	248.1	235.7	222.7	209.6
72.5°	376.4	369.8	362.3	353.2	342.6	330.9	317.8	303.3	288.2	272.3	256.7
70°	439.4	431.0	423.5	415.7	405.7	393.6	378.2	360.8	342.6	324.2	306.2
67.5°	500.1	489.5	482.1	474.9	465.9	454.8	438.7	420.0	399.6	378.2	356.9
65°	560.6	548.7	541.3	534.7	526.0	514.9	498.0	479.0	457.5	433.6	408.8
62.5°	623.8	614.0	605.9	596.3	586.0	573.7	556.6	536.8	515.0	489.9	461.2
60°	682.8	675.6	662.9	651.0	640.6	627.6	607.4	588.3	570.5	541.7	510.8
57.5°	728.7	720.2	708.4	696.1	683.5	666.9	648.9	630.7	610.1	585.9	557.1
55°	766.8	757.5	746.5	734.4	720.8	702.2	683.6	664.3	644.4	624.1	596.0
52.5°	808.7	798.5	785.5	769.5	753.8	735.6	714.7	694.2	675.6	654.9	631.9
50°	858.5	846.1	831.2	814.2	793.2	770.4	748.5	724.5	705.0	684.9	661.5
47.5°	925.5	904.9	882.9	862.8	836.8	809.3	784.1	759.5	736.4	714.6	690.7
45°	1026.1	987.4	945.8	918.0	885.0	853.7	821.3	793.5	767.1	742.6	720.2
42.5°	1170.5	1109.0	1052.2	996.9	944.1	905.6	865.2	830.7	798.8	769.7	743.4
40°	1379.1	1273.1	1194.9	1107.6	1036.7	968.8	917.3	870.3	833.4	798.8	766.9
37.5°	1694.0	1518.7	1388.7	1252.6	1153.7	1059.4	980.0	918.8	868.6	828.5	791.4
35°	2181.4	1908.0	1664.2	1471.5	1296.6	1172.4	1061.4	975.7	911.4	859.0	815.6
32.5°	2943.1	2509.2	2066.7	1781.9	1511.8	1309.0	1166.3	1048.3	957.3	894.9	842.8
30°	4127.6	3362.8	2711.8	2180.5	1810.0	1500.2	1283.0	1138.8	1022.3	931.3	870.3
27.5°	5847.1	4507.0	3596.2	2768.2	2170.4	1763.3	1452.1	1235.6	1090.8	982.2	901.9
25°	7854.2	6250.1	4690.4	3570.6	2690.3	2060.9	1649.7	1371.1	1175.5	1035.2	929.6
22.5°	9969.6	8088.6	6219.2	4475.4	3335.2	2496.2	1904.7	1507.8	1255.5	1091.7	970.0
20°	12068.6	9944.6	7814.9	5820.8	4120.4	2922.2	2182.1	1689.3	1367.1	1155.0	1008.2
17.5°	13997.5	11766.2	9432.8	7127.3	5087.6	3570.2	2533.7	1872.7	1464.5	1211.3	1041.4
15°	15824.3	13468.6	11007.2	8513.5	6121.3	4140.8	2833.3	2032.5	1565.8	1276.6	1084.7
12.5°	17478.7	14997.4	12407.4	9705.1	7039.0	4780.4	3233.0	2268.1	1690.3	1344.5	1125.6
10°	18922.7	16273.4	13513.9	10706.4	7926.0	5442.6	3610.8	2469.0	1798.1	1400.7	1159.0
7.5°	19959.9	17278.0	14393.0	11515.7	8647.5	6011.7	3932.0	2628.0	1882.7	1443.8	1184.7
5°	20722.5	18061.6	15125.9	12173.3	9183.1	6437.1	4171.9	2739.9	1943.2	1473.6	1202.6
2.5°	21245.6	18557.3	15616.3	12604.8	9493.9	6686.9	4324.7	2800.0	1971.9	1497.0	1212.5
0°	21394.4	18698.6	15740.0	12831.2	9541.8	6719.2	4385.8	2809.1	1970.9	1508.8	1214.3
-2.5°	21245.6	18557.3	15616.3	12604.8	9493.9	6686.9	4324.7	2800.0	1971.9	1497.0	1212.5
-5°	20722.5	18061.6	15125.9	12173.3	9183.1	6437.1	4171.9	2739.9	1943.2	1473.6	1202.6
-7.5°	19959.9	17278.0	14393.0	11515.7	8647.5	6011.7	3932.0	2628.0	1882.7	1443.8	1184.7
-10°	18922.7	16273.4	13513.9	10706.4	7926.0	5442.6	3610.8	2469.0	1798.1	1400.7	1159.0
-12.5°	17478.7	14997.4	12407.4	9705.1	7039.0	4780.4	3233.0	2268.1	1690.3	1344.5	1125.6
-15°	15824.3	13468.6	11007.2	8513.5	6121.3	4140.8	2833.3	2032.5	1565.8	1276.6	1084.7
-17.5°	13997.5	11766.2	9432.8	7127.3	5087.6	3570.2	2533.7	1872.7	1464.5	1211.3	1041.4
-20°	12068.6	9944.6	7814.9	5820.8	4120.4	2922.2	2182.1	1689.3	1367.1	1155.0	1008.2



REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9969.6	8088.6	6219.2	4475.4	3335.2	2496.2	1904.7	1507.8	1255.5	1091.7	970.0
-25°	7854.2	6250.1	4690.4	3570.6	2690.3	2060.9	1649.7	1371.1	1175.5	1035.2	929.6
-27.5°	5847.1	4507.0	3596.2	2768.2	2170.4	1763.3	1452.1	1235.6	1090.8	982.2	901.9
-30°	4127.6	3362.8	2711.8	2180.5	1810.0	1500.2	1283.0	1138.8	1022.3	931.3	870.3
-32.5°	2943.1	2509.2	2066.7	1781.9	1511.8	1309.0	1166.3	1048.3	957.3	894.9	842.8
-35°	2181.4	1908.0	1664.2	1471.5	1296.6	1172.4	1061.4	975.7	911.4	859.0	815.6
-37.5°	1694.0	1518.7	1388.7	1252.6	1153.7	1059.4	980.0	918.8	868.6	828.5	791.4
-40°	1379.1	1273.1	1194.9	1107.6	1036.7	968.8	917.3	870.3	833.4	798.8	766.9
-42.5°	1170.5	1109.0	1052.2	996.9	944.1	905.6	865.2	830.7	798.8	769.7	743.4
-45°	1026.1	987.4	945.8	918.0	885.0	853.7	821.3	793.5	767.1	742.6	720.2
-47.5°	925.5	904.9	882.9	862.8	836.8	809.3	784.1	759.5	736.4	714.6	690.7
-50°	858.5	846.1	831.2	814.2	793.2	770.4	748.5	724.5	705.0	684.9	661.5
-52.5°	808.7	798.5	785.5	769.5	753.8	735.6	714.7	694.2	675.6	654.9	631.9
-55°	766.8	757.5	746.5	734.4	720.8	702.2	683.6	664.3	644.4	624.1	596.0
-57.5°	728.7	720.2	708.4	696.1	683.5	666.9	648.9	630.7	610.1	585.9	557.1
-60°	682.8	675.6	662.9	651.0	640.6	627.6	607.4	588.3	570.5	541.7	510.8
-62.5°	623.8	614.0	605.9	596.3	586.0	573.7	556.6	536.8	515.0	489.9	461.2
-65°	560.6	548.7	541.3	534.7	526.0	514.9	498.0	479.0	457.5	433.6	408.8
-67.5°	500.1	489.5	482.1	474.9	465.9	454.8	438.7	420.0	399.6	378.2	356.9
-70°	439.4	431.0	423.5	415.7	405.7	393.6	378.2	360.8	342.6	324.2	306.2
-72.5°	376.4	369.8	362.3	353.2	342.6	330.9	317.8	303.3	288.2	272.3	256.7
-75°	311.8	305.6	298.2	289.7	280.4	270.4	259.8	248.1	235.7	222.7	209.6
-77.5°	245.1	239.3	233.0	226.6	219.9	212.8	204.9	195.1	185.2	174.9	164.5
-80°	179.4	175.3	171.0	167.2	163.0	158.4	152.9	145.2	137.1	129.1	121.7
-82.5°	121.1	118.1	114.8	112.6	110.0	107.1	103.8	98.8	93.7	88.6	83.4
-85°	68.7	66.0	63.2	62.4	61.4	60.3	59.0	56.4	53.7	50.8	47.8
-87.5°	23.4	22.0	20.6	21.1	21.6	22.0	22.3	21.6	20.8	20.1	19.2
-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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	18.4	17.5	16.6	15.6	14.6	13.6	12.6	11.5	10.0	8.5	7.2
85°	44.6	41.4	38.0	34.5	30.8	27.2	25.1	22.9	19.9	17.0	14.3
82.5°	78.3	73.3	68.2	62.9	56.8	50.8	44.9	39.1	32.8	26.0	21.4
80°	114.8	107.7	100.2	92.5	83.6	74.2	66.0	58.1	50.3	42.1	33.3
77.5°	154.4	144.0	133.2	123.3	113.1	102.1	90.5	78.3	67.9	58.1	47.7
75°	196.7	184.1	171.1	157.7	143.9	129.9	116.6	102.6	88.6	74.4	62.0
72.5°	241.6	225.9	209.7	193.1	177.0	160.5	143.6	126.7	110.4	93.8	76.9
70°	287.7	268.6	249.7	230.9	211.3	190.9	171.6	151.8	131.9	113.0	93.8
67.5°	334.8	313.3	291.0	268.9	247.1	224.1	199.9	176.7	154.1	131.9	110.4
65°	384.3	358.8	332.6	307.6	282.6	257.5	231.1	202.1	175.8	151.0	126.7
62.5°	432.9	405.1	375.8	345.9	317.5	289.8	261.6	229.4	197.6	169.6	142.8
60°	480.1	448.9	417.3	384.3	352.0	320.9	289.7	256.0	221.4	187.7	158.5
57.5°	523.4	490.6	455.4	420.6	385.7	351.4	316.9	281.1	244.4	207.5	173.7
55°	564.0	528.4	491.5	453.9	417.4	380.7	343.3	305.2	266.5	227.1	188.7
52.5°	602.1	564.9	525.8	485.9	446.3	408.5	369.0	328.5	287.6	246.1	205.1
50°	635.5	600.4	559.1	516.9	474.1	434.1	393.9	351.2	307.9	264.3	221.1
47.5°	663.5	631.3	591.3	546.9	501.9	459.2	417.3	373.0	327.5	281.7	236.5
45°	690.9	659.8	621.2	575.9	529.3	484.2	439.7	394.1	346.4	298.5	251.2
42.5°	716.5	685.5	649.4	603.6	555.6	508.3	461.6	413.9	364.5	314.5	265.2
40°	738.4	708.0	676.0	630.4	580.3	531.0	482.3	433.0	381.8	329.8	278.4
37.5°	759.6	728.6	695.6	655.5	603.5	552.3	501.8	451.4	398.5	344.5	290.8
35°	780.2	748.1	713.1	675.0	625.1	572.2	520.0	468.5	414.1	358.6	302.4
32.5°	798.6	765.6	729.3	690.8	645.0	590.5	536.8	483.6	428.6	371.9	313.3
30°	820.5	780.3	743.9	706.3	662.1	607.3	552.4	497.7	442.0	384.5	323.4
27.5°	841.5	794.4	756.9	719.3	675.4	622.6	566.8	510.7	454.2	395.9	333.5
25°	861.7	810.6	769.0	730.1	688.2	637.2	580.0	522.6	465.0	405.9	342.8
22.5°	885.1	825.4	780.3	739.4	700.4	650.4	592.0	533.4	474.6	414.8	351.2
20°	905.9	837.6	790.7	748.3	709.6	660.4	602.7	543.0	483.2	422.7	358.9
17.5°	926.1	851.5	800.9	756.8	716.5	669.1	612.1	551.4	490.7	429.6	365.7
15°	954.2	867.4	809.7	764.0	722.3	676.5	620.1	558.6	497.1	435.4	371.8
12.5°	978.3	880.6	817.0	770.0	727.0	682.7	626.8	564.6	502.4	440.6	377.2
10°	997.9	891.3	822.8	774.6	730.7	687.5	632.1	569.6	507.4	445.1	381.7
7.5°	1012.8	899.2	826.9	777.8	733.2	691.0	636.9	574.1	511.4	448.6	385.1
5°	1022.9	904.4	830.3	779.7	734.6	693.2	640.5	577.3	514.2	451.1	387.6
2.5°	1028.1	906.7	832.8	780.2	734.9	693.9	642.7	579.3	515.9	452.6	389.1
0°	1028.5	906.2	833.7	779.3	734.0	693.2	643.4	579.9	516.5	453.1	389.6
-2.5°	1028.1	906.7	832.8	780.2	734.9	693.9	642.7	579.3	515.9	452.6	389.1
-5°	1022.9	904.4	830.3	779.7	734.6	693.2	640.5	577.3	514.2	451.1	387.6
-7.5°	1012.8	899.2	826.9	777.8	733.2	691.0	636.9	574.1	511.4	448.6	385.1
-10°	997.9	891.3	822.8	774.6	730.7	687.5	632.1	569.6	507.4	445.1	381.7
-12.5°	978.3	880.6	817.0	770.0	727.0	682.7	626.8	564.6	502.4	440.6	377.2
-15°	954.2	867.4	809.7	764.0	722.3	676.5	620.1	558.6	497.1	435.4	371.8
-17.5°	926.1	851.5	800.9	756.8	716.5	669.1	612.1	551.4	490.7	429.6	365.7
-20°	905.9	837.6	790.7	748.3	709.6	660.4	602.7	543.0	483.2	422.7	358.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	885.1	825.4	780.3	739.4	700.4	650.4	592.0	533.4	474.6	414.8	351.2
-25°	861.7	810.6	769.0	730.1	688.2	637.2	580.0	522.6	465.0	405.9	342.8
-27.5°	841.5	794.4	756.9	719.3	675.4	622.6	566.8	510.7	454.2	395.9	333.5
-30°	820.5	780.3	743.9	706.3	662.1	607.3	552.4	497.7	442.0	384.5	323.4
-32.5°	798.6	765.6	729.3	690.8	645.0	590.5	536.8	483.6	428.6	371.9	313.3
-35°	780.2	748.1	713.1	675.0	625.1	572.2	520.0	468.5	414.1	358.6	302.4
-37.5°	759.6	728.6	695.6	655.5	603.5	552.3	501.8	451.4	398.5	344.5	290.8
-40°	738.4	708.0	676.0	630.4	580.3	531.0	482.3	433.0	381.8	329.8	278.4
-42.5°	716.5	685.5	649.4	603.6	555.6	508.3	461.6	413.9	364.5	314.5	265.2
-45°	690.9	659.8	621.2	575.9	529.3	484.2	439.7	394.1	346.4	298.5	251.2
-47.5°	663.5	631.3	591.3	546.9	501.9	459.2	417.3	373.0	327.5	281.7	236.5
-50°	635.5	600.4	559.1	516.9	474.1	434.1	393.9	351.2	307.9	264.3	221.1
-52.5°	602.1	564.9	525.8	485.9	446.3	408.5	369.0	328.5	287.6	246.1	205.1
-55°	564.0	528.4	491.5	453.9	417.4	380.7	343.3	305.2	266.5	227.1	188.7
-57.5°	523.4	490.6	455.4	420.6	385.7	351.4	316.9	281.1	244.4	207.5	173.7
-60°	480.1	448.9	417.3	384.3	352.0	320.9	289.7	256.0	221.4	187.7	158.5
-62.5°	432.9	405.1	375.8	345.9	317.5	289.8	261.6	229.4	197.6	169.6	142.8
-65°	384.3	358.8	332.6	307.6	282.6	257.5	231.1	202.1	175.8	151.0	126.7
-67.5°	334.8	313.3	291.0	268.9	247.1	224.1	199.9	176.7	154.1	131.9	110.4
-70°	287.7	268.6	249.7	230.9	211.3	190.9	171.6	151.8	131.9	113.0	93.8
-72.5°	241.6	225.9	209.7	193.1	177.0	160.5	143.6	126.7	110.4	93.8	76.9
-75°	196.7	184.1	171.1	157.7	143.9	129.9	116.6	102.6	88.6	74.4	62.0
-77.5°	154.4	144.0	133.2	123.3	113.1	102.1	90.5	78.3	67.9	58.1	47.7
-80°	114.8	107.7	100.2	92.5	83.6	74.2	66.0	58.1	50.3	42.1	33.3
-82.5°	78.3	73.3	68.2	62.9	56.8	50.8	44.9	39.1	32.8	26.0	21.4
-85°	44.6	41.4	38.0	34.5	30.8	27.2	25.1	22.9	19.9	17.0	14.3
-87.5°	18.4	17.5	16.6	15.6	14.6	13.6	12.6	11.5	10.0	8.5	7.2
-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: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
85°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
80°	24.2	19.6	15.7	11.8	7.9	3.9	0.0
77.5°	36.9	26.4	19.6	14.7	9.8	4.9	0.0
75°	49.4	36.9	24.2	17.6	11.7	5.9	0.0
72.5°	61.8	47.2	32.5	20.4	13.6	6.8	0.0
70°	74.3	57.5	40.7	23.9	15.5	7.8	0.0
67.5°	88.5	67.5	48.8	29.9	17.4	8.7	0.0
65°	102.3	78.2	56.7	35.9	19.2	9.6	0.0
62.5°	115.9	89.3	64.5	41.7	20.9	10.5	0.0
60°	129.0	100.2	72.1	47.4	22.7	11.3	0.0
57.5°	142.2	110.7	80.4	53.0	26.3	12.2	0.0
55°	155.1	120.9	88.5	58.4	29.9	13.0	0.0
52.5°	167.8	130.9	96.3	63.7	33.3	13.8	0.0
50°	180.1	141.2	103.8	68.8	36.6	14.6	0.0
47.5°	192.2	151.2	111.1	73.8	39.7	15.3	0.0
45°	204.7	160.8	118.0	79.0	42.7	16.0	0.0
42.5°	216.6	170.1	124.5	83.9	45.6	16.7	0.0
40°	228.0	179.0	131.2	88.4	48.3	17.4	0.0
37.5°	238.6	187.5	137.9	92.7	50.9	18.0	0.0
35°	248.7	195.8	144.3	96.6	53.2	18.6	0.0
32.5°	258.0	203.6	150.4	100.4	55.4	19.1	0.0
30°	266.6	210.9	156.1	103.8	57.5	19.7	0.0
27.5°	274.5	217.6	161.1	107.0	59.4	20.1	0.0
25°	281.7	223.7	165.7	109.9	61.0	20.6	0.0
22.5°	288.2	229.1	169.8	112.5	62.6	21.0	0.0
20°	293.9	233.7	173.5	114.8	63.9	21.3	0.0
17.5°	299.1	237.7	176.7	116.8	65.0	21.6	0.0
15°	303.7	241.2	179.4	118.5	66.0	21.9	0.0
12.5°	307.7	244.0	181.7	119.9	66.8	22.2	0.0
10°	311.1	246.3	183.5	121.0	67.4	22.4	0.0
7.5°	313.7	247.9	184.8	121.8	67.8	22.5	0.0
5°	315.6	249.0	185.6	122.3	68.0	22.6	0.0
2.5°	316.8	249.4	186.0	122.4	68.1	22.7	0.0
0°	317.2	249.2	185.8	122.3	68.0	22.7	0.0
-2.5°	316.8	249.4	186.0	122.4	68.1	22.7	0.0
-5°	315.6	249.0	185.6	122.3	68.0	22.6	0.0
-7.5°	313.7	247.9	184.8	121.8	67.8	22.5	0.0
-10°	311.1	246.3	183.5	121.0	67.4	22.4	0.0
-12.5°	307.7	244.0	181.7	119.9	66.8	22.2	0.0
-15°	303.7	241.2	179.4	118.5	66.0	21.9	0.0
-17.5°	299.1	237.7	176.7	116.8	65.0	21.6	0.0
-20°	293.9	233.7	173.5	114.8	63.9	21.3	0.0

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REPORT NUMBER: P627787 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	288.2	229.1	169.8	112.5	62.6	21.0	0.0
-25°	281.7	223.7	165.7	109.9	61.0	20.6	0.0
-27.5°	274.5	217.6	161.1	107.0	59.4	20.1	0.0
-30°	266.6	210.9	156.1	103.8	57.5	19.7	0.0
-32.5°	258.0	203.6	150.4	100.4	55.4	19.1	0.0
-35°	248.7	195.8	144.3	96.6	53.2	18.6	0.0
-37.5°	238.6	187.5	137.9	92.7	50.9	18.0	0.0
-40°	228.0	179.0	131.2	88.4	48.3	17.4	0.0
-42.5°	216.6	170.1	124.5	83.9	45.6	16.7	0.0
-45°	204.7	160.8	118.0	79.0	42.7	16.0	0.0
-47.5°	192.2	151.2	111.1	73.8	39.7	15.3	0.0
-50°	180.1	141.2	103.8	68.8	36.6	14.6	0.0
-52.5°	167.8	130.9	96.3	63.7	33.3	13.8	0.0
-55°	155.1	120.9	88.5	58.4	29.9	13.0	0.0
-57.5°	142.2	110.7	80.4	53.0	26.3	12.2	0.0
-60°	129.0	100.2	72.1	47.4	22.7	11.3	0.0
-62.5°	115.9	89.3	64.5	41.7	20.9	10.5	0.0
-65°	102.3	78.2	56.7	35.9	19.2	9.6	0.0
-67.5°	88.5	67.5	48.8	29.9	17.4	8.7	0.0
-70°	74.3	57.5	40.7	23.9	15.5	7.8	0.0
-72.5°	61.8	47.2	32.5	20.4	13.6	6.8	0.0
-75°	49.4	36.9	24.2	17.6	11.7	5.9	0.0
-77.5°	36.9	26.4	19.6	14.7	9.8	4.9	0.0
-80°	24.2	19.6	15.7	11.8	7.9	3.9	0.0
-82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
-85°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
-87.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)