

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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627227 (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-SA3D-740-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N77
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

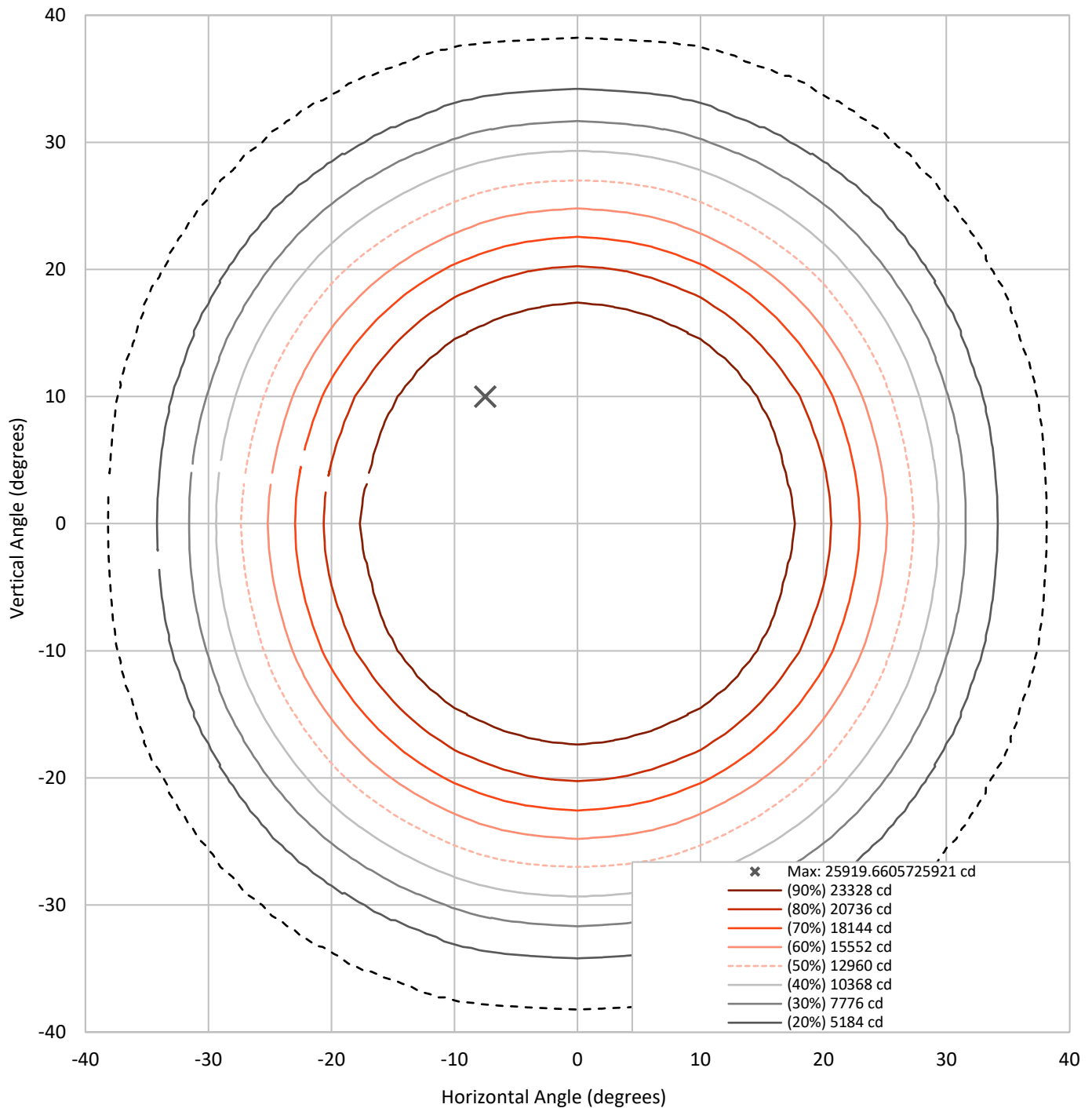
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22060.1 lumens	Max Intensity:	25919.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	137.7 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:	14642.2 lumens	Field Lumens:	19039 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	160.2		
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





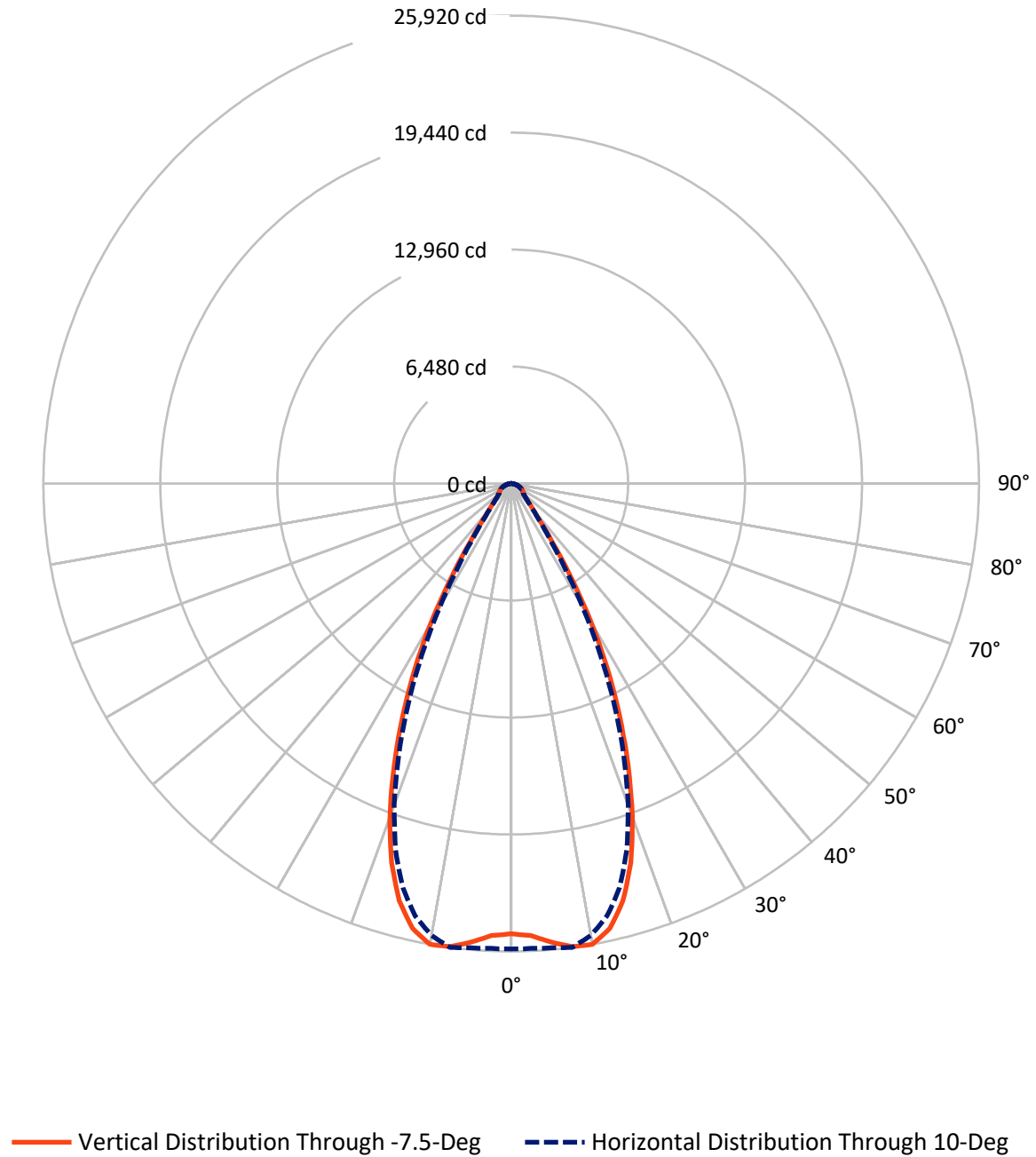
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Lumen Table

90																			
80	0.6	5.2		13.8		21.9		24.5		21.9		13.8		5.2		0.6			
70																			
60	2.3	2.7	5.4	8.8	12.4	15.0	16.9	17.9	17.9	16.9	15.0	12.4	8.8	5.4	2.7	2.3			
50		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				
40	4.1	5.1	10.1	15.4	20.7	27.0	33.9	38.9	38.9	33.9	27.0	20.7	15.4	10.1	5.1	4.1			
30		6.1	11.7	17.8	27.5	50.1	96.0	142.3	142.3	96.0	50.1	27.5	17.8	11.7	6.1				
20	5.4	6.8	12.8	20.7	45.2	141.6	317.7	443.6	443.6	317.7	141.6	45.2	20.7	12.8	6.8	5.4			
10		7.3	13.4	24.6	81.7	301.9	576.5	721.6	721.6	576.5	301.9	81.7	24.6	13.4	7.3				
0	5.8	7.5	13.8	27.7	117.6	413.1	699.4	761.0	761.0	699.4	413.1	117.6	27.7	13.8	7.5	5.8			
-10		7.5	13.8	27.7	117.6	413.1	699.4	761.0	761.0	699.4	413.1	117.6	27.7	13.8	7.5				
-20	5.4	7.3	13.4	24.6	81.7	301.9	576.5	721.6	721.6	576.5	301.9	81.7	24.6	13.4	7.3	5.4			
-30		6.8	12.8	20.7	45.2	141.6	317.7	443.6	443.6	317.7	141.6	45.2	20.7	12.8	6.8				
-40	4.1	6.1	11.7	17.8	27.5	50.1	96.0	142.3	142.3	96.0	50.1	27.5	17.8	11.7	6.1	4.1			
-50		5.1	10.1	15.4	20.7	27.0	33.9	38.9	38.9	33.9	27.0	20.7	15.4	10.1	5.1				
-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			
-70		2.7	5.4	8.8	12.4	15.0	16.9	17.9	17.9	16.9	15.0	12.4	8.8	5.4	2.7				
-80																			
-90	0.6	5.2		13.8		21.9		24.5		21.9		13.8		5.2		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

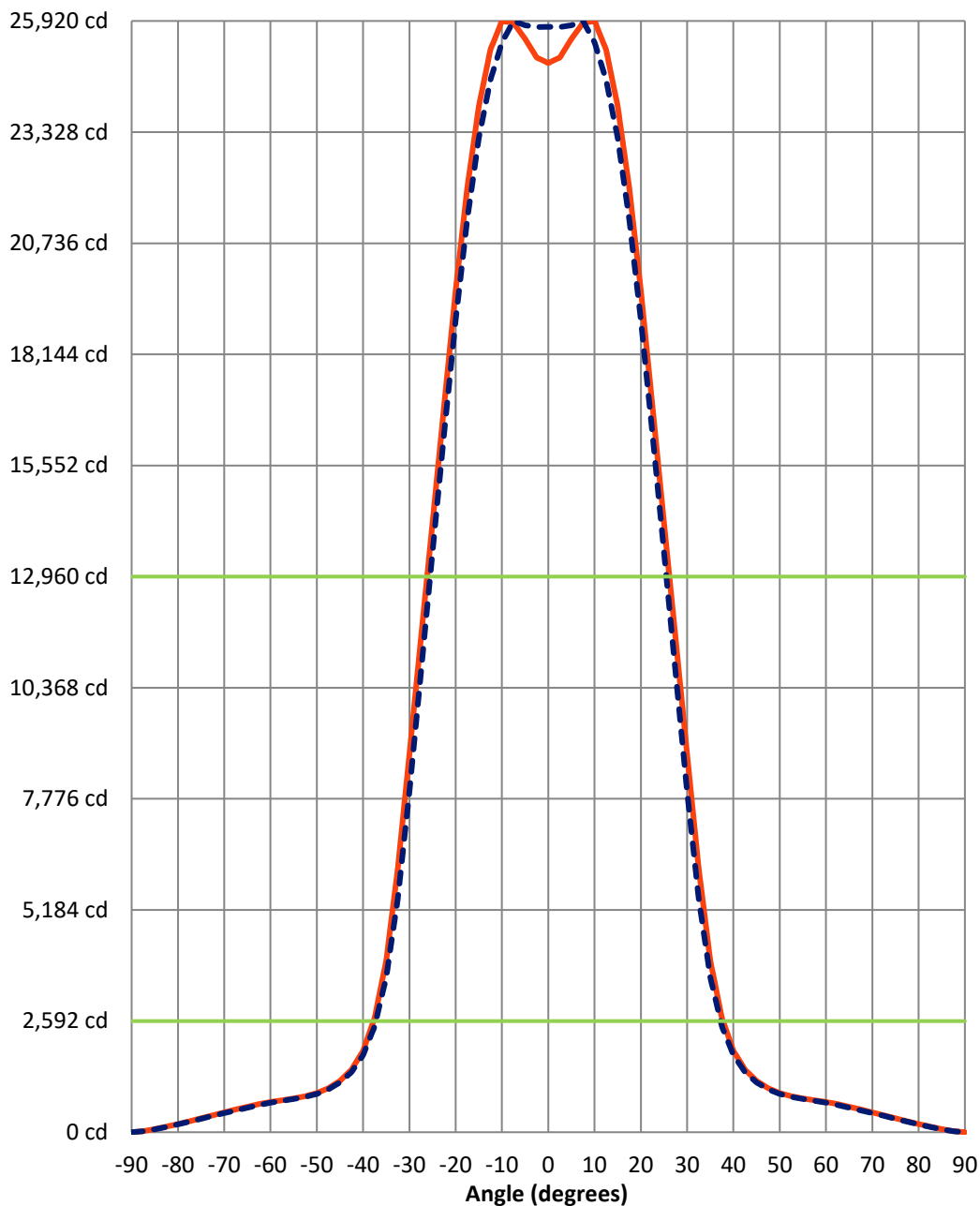
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 14642.2
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19039
 Efficiency: 86.3%

Spill:
 Lumens: 3021.1
 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	39.2
80°	0.0	3.9	7.9	11.8	15.7	19.6	24.2	33.4	42.1	50.4	58.2
77.5°	0.0	4.9	9.8	14.7	19.6	26.4	36.9	47.8	58.2	67.9	78.4
75°	0.0	5.9	11.7	17.6	24.2	36.9	49.5	62.1	74.5	88.7	102.7
72.5°	0.0	6.8	13.6	20.4	32.5	47.3	61.9	77.0	93.9	110.5	126.8
70°	0.0	7.8	15.5	23.9	40.8	57.5	74.4	93.9	113.1	132.0	151.9
67.5°	0.0	8.7	17.4	29.9	48.9	67.6	88.6	110.5	132.0	154.2	176.9
65°	0.0	9.6	19.2	35.9	56.8	78.3	102.4	126.8	151.1	176.0	202.4
62.5°	0.0	10.5	20.9	41.8	64.6	89.4	116.0	142.9	169.8	197.9	229.7
60°	0.0	11.3	22.7	47.5	72.2	100.3	129.1	158.6	188.0	221.6	256.3
57.5°	0.0	12.2	26.3	53.1	80.5	110.8	142.3	173.9	207.7	244.7	281.4
55°	0.0	13.0	29.9	58.5	88.6	121.0	155.3	188.9	227.4	266.9	305.5
52.5°	0.0	13.8	33.3	63.8	96.4	131.0	167.9	205.3	246.4	287.9	328.9
50°	0.0	14.6	36.6	68.9	103.9	141.3	180.2	221.4	264.6	308.3	351.6
47.5°	0.0	15.3	39.8	73.9	111.2	151.3	192.4	236.8	282.0	327.9	373.5
45°	0.0	16.0	42.8	79.1	118.1	161.0	204.9	251.5	298.9	346.8	394.5
42.5°	0.0	16.7	45.6	84.0	124.6	170.2	216.9	265.5	314.9	364.9	414.4
40°	0.0	17.4	48.3	88.5	131.3	179.2	228.2	278.7	330.1	382.2	433.6
37.5°	0.0	18.0	50.9	92.8	138.1	187.7	238.9	291.1	344.9	398.9	452.0
35°	0.0	18.6	53.3	96.7	144.5	196.0	248.9	302.8	359.0	414.6	469.1
32.5°	0.0	19.1	55.5	100.5	150.5	203.8	258.3	313.6	372.3	429.1	484.2
30°	0.0	19.7	57.5	103.9	156.2	211.1	266.9	323.8	384.9	442.5	498.3
27.5°	0.0	20.1	59.4	107.1	161.2	217.8	274.8	333.8	396.4	454.7	511.3
25°	0.0	20.6	61.1	110.0	165.8	223.9	282.0	343.1	406.3	465.5	523.2
22.5°	0.0	21.0	62.6	112.6	170.0	229.3	288.5	351.6	415.3	475.1	534.0
20°	0.0	21.3	63.9	114.9	173.6	234.0	294.2	359.3	423.2	483.7	543.6
17.5°	0.0	21.6	65.1	116.9	176.9	238.0	299.4	366.1	430.1	491.2	552.1
15°	0.0	21.9	66.0	118.7	179.6	241.5	304.0	372.3	435.9	497.6	559.3
12.5°	0.0	22.2	66.8	120.1	181.9	244.3	308.0	377.7	441.1	503.0	565.2
10°	0.0	22.4	67.4	121.2	183.7	246.6	311.4	382.1	445.6	508.0	570.3
7.5°	0.0	22.5	67.8	122.0	185.0	248.2	314.0	385.6	449.1	511.9	574.8
5°	0.0	22.6	68.1	122.5	185.8	249.3	315.9	388.1	451.6	514.8	578.0
2.5°	0.0	22.7	68.1	122.6	186.2	249.7	317.1	389.6	453.1	516.5	580.0
0°	0.0	22.7	68.0	122.5	186.0	249.5	317.5	390.1	453.6	517.1	580.6
-2.5°	0.0	22.7	68.1	122.6	186.2	249.7	317.1	389.6	453.1	516.5	580.0
-5°	0.0	22.6	68.1	122.5	185.8	249.3	315.9	388.1	451.6	514.8	578.0
-7.5°	0.0	22.5	67.8	122.0	185.0	248.2	314.0	385.6	449.1	511.9	574.8
-10°	0.0	22.4	67.4	121.2	183.7	246.6	311.4	382.1	445.6	508.0	570.3
-12.5°	0.0	22.2	66.8	120.1	181.9	244.3	308.0	377.7	441.1	503.0	565.2
-15°	0.0	21.9	66.0	118.7	179.6	241.5	304.0	372.3	435.9	497.6	559.3
-17.5°	0.0	21.6	65.1	116.9	176.9	238.0	299.4	366.1	430.1	491.2	552.1
-20°	0.0	21.3	63.9	114.9	173.6	234.0	294.2	359.3	423.2	483.7	543.6

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CATALOG NUMBER: GFLD-SA3D-740-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	21.0	62.6	112.6	170.0	229.3	288.5	351.6	415.3	475.1	534.0
-25°	0.0	20.6	61.1	110.0	165.8	223.9	282.0	343.1	406.3	465.5	523.2
-27.5°	0.0	20.1	59.4	107.1	161.2	217.8	274.8	333.8	396.4	454.7	511.3
-30°	0.0	19.7	57.5	103.9	156.2	211.1	266.9	323.8	384.9	442.5	498.3
-32.5°	0.0	19.1	55.5	100.5	150.5	203.8	258.3	313.6	372.3	429.1	484.2
-35°	0.0	18.6	53.3	96.7	144.5	196.0	248.9	302.8	359.0	414.6	469.1
-37.5°	0.0	18.0	50.9	92.8	138.1	187.7	238.9	291.1	344.9	398.9	452.0
-40°	0.0	17.4	48.3	88.5	131.3	179.2	228.2	278.7	330.1	382.2	433.6
-42.5°	0.0	16.7	45.6	84.0	124.6	170.2	216.9	265.5	314.9	364.9	414.4
-45°	0.0	16.0	42.8	79.1	118.1	161.0	204.9	251.5	298.9	346.8	394.5
-47.5°	0.0	15.3	39.8	73.9	111.2	151.3	192.4	236.8	282.0	327.9	373.5
-50°	0.0	14.6	36.6	68.9	103.9	141.3	180.2	221.4	264.6	308.3	351.6
-52.5°	0.0	13.8	33.3	63.8	96.4	131.0	167.9	205.3	246.4	287.9	328.9
-55°	0.0	13.0	29.9	58.5	88.6	121.0	155.3	188.9	227.4	266.9	305.5
-57.5°	0.0	12.2	26.3	53.1	80.5	110.8	142.3	173.9	207.7	244.7	281.4
-60°	0.0	11.3	22.7	47.5	72.2	100.3	129.1	158.6	188.0	221.6	256.3
-62.5°	0.0	10.5	20.9	41.8	64.6	89.4	116.0	142.9	169.8	197.9	229.7
-65°	0.0	9.6	19.2	35.9	56.8	78.3	102.4	126.8	151.1	176.0	202.4
-67.5°	0.0	8.7	17.4	29.9	48.9	67.6	88.6	110.5	132.0	154.2	176.9
-70°	0.0	7.8	15.5	23.9	40.8	57.5	74.4	93.9	113.1	132.0	151.9
-72.5°	0.0	6.8	13.6	20.4	32.5	47.3	61.9	77.0	93.9	110.5	126.8
-75°	0.0	5.9	11.7	17.6	24.2	36.9	49.5	62.1	74.5	88.7	102.7
-77.5°	0.0	4.9	9.8	14.7	19.6	26.4	36.9	47.8	58.2	67.9	78.4
-80°	0.0	3.9	7.9	11.8	15.7	19.6	24.2	33.4	42.1	50.4	58.2
-82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	21.4	26.0	32.8	39.2
-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	44.7	47.8	50.8	53.7	56.4
82.5°	44.9	50.8	56.8	62.9	68.3	73.4	78.4	83.5	88.7	93.8	98.9
80°	66.1	74.3	83.7	92.6	100.3	107.8	114.9	121.8	129.3	137.3	145.4
77.5°	90.6	102.2	113.2	123.4	133.3	144.1	154.6	164.7	175.1	185.4	195.3
75°	116.7	130.0	144.1	157.9	171.3	184.3	197.0	209.9	223.0	236.0	248.3
72.5°	143.7	160.7	177.2	193.4	210.0	226.2	241.9	257.0	272.6	288.5	303.7
70°	171.9	191.2	211.6	231.2	250.0	268.9	288.1	306.5	324.6	343.0	361.2
67.5°	200.2	224.4	247.4	269.2	291.3	313.6	335.2	357.3	378.6	400.1	420.5
65°	231.4	257.8	282.9	307.9	333.0	359.2	384.7	409.3	434.1	458.0	479.6
62.5°	261.9	290.1	317.9	346.3	376.2	405.6	433.5	461.7	490.4	515.6	537.4
60°	290.1	321.3	352.4	384.8	417.8	449.5	480.7	511.4	542.4	571.2	589.0
57.5°	317.2	351.8	386.2	421.1	455.9	491.2	524.0	557.8	586.6	610.9	631.5
55°	343.7	381.2	417.9	454.5	492.1	529.0	564.7	596.7	624.8	645.1	665.0
52.5°	369.4	409.0	446.8	486.5	526.4	565.5	602.8	632.6	655.6	676.3	695.0
50°	394.4	434.6	474.6	517.5	559.7	601.1	636.2	662.2	685.7	705.9	725.4
47.5°	417.8	459.7	502.5	547.6	592.0	632.0	664.2	691.5	715.4	737.3	760.4
45°	440.3	484.8	530.0	576.6	621.9	660.5	691.6	721.0	743.4	768.0	794.5
42.5°	462.1	508.9	556.2	604.3	650.1	686.3	717.3	744.3	770.6	799.8	831.7
40°	482.9	531.6	581.0	631.1	676.8	708.8	739.2	767.8	799.8	834.4	871.4
37.5°	502.4	553.0	604.3	656.2	696.4	729.4	760.5	792.3	829.5	869.6	919.9
35°	520.6	572.9	625.9	675.8	713.9	749.0	781.2	816.6	860.1	912.5	976.9
32.5°	537.5	591.2	645.8	691.6	730.1	766.5	799.6	843.8	896.0	958.5	1049.6
30°	553.0	608.1	662.8	707.1	744.7	781.2	821.5	871.4	932.4	1023.6	1140.2
27.5°	567.5	623.4	676.2	720.1	757.8	795.4	842.5	903.0	983.4	1092.1	1237.0
25°	580.7	638.0	689.0	730.9	769.9	811.6	862.8	930.7	1036.4	1176.9	1372.8
22.5°	592.7	651.2	701.3	740.3	781.2	826.4	886.1	971.1	1093.0	1257.0	1509.7
20°	603.4	661.1	710.5	749.2	791.6	838.6	906.9	1009.4	1156.4	1368.8	1691.3
17.5°	612.8	669.9	717.4	757.7	801.8	852.5	927.2	1042.6	1212.7	1466.3	1874.9
15°	620.8	677.3	723.2	764.9	810.7	868.4	955.3	1086.0	1278.2	1567.7	2034.9
12.5°	627.5	683.5	727.9	770.9	818.0	881.7	979.5	1126.9	1346.1	1692.3	2270.8
10°	632.8	688.3	731.6	775.5	823.7	892.3	999.1	1160.3	1402.4	1800.2	2471.9
7.5°	637.6	691.9	734.1	778.7	827.8	900.3	1013.9	1186.1	1445.5	1885.0	2631.2
5°	641.2	694.0	735.5	780.6	831.2	905.5	1024.0	1204.0	1475.4	1945.5	2743.2
2.5°	643.4	694.7	735.8	781.1	833.7	907.8	1029.3	1213.9	1498.8	1974.2	2803.3
0°	644.1	694.0	734.9	780.2	834.6	907.2	1029.7	1215.7	1510.5	1973.2	2812.4
-2.5°	643.4	694.7	735.8	781.1	833.7	907.8	1029.3	1213.9	1498.8	1974.2	2803.3
-5°	641.2	694.0	735.5	780.6	831.2	905.5	1024.0	1204.0	1475.4	1945.5	2743.2
-7.5°	637.6	691.9	734.1	778.7	827.8	900.3	1013.9	1186.1	1445.5	1885.0	2631.2
-10°	632.8	688.3	731.6	775.5	823.7	892.3	999.1	1160.3	1402.4	1800.2	2471.9
-12.5°	627.5	683.5	727.9	770.9	818.0	881.7	979.5	1126.9	1346.1	1692.3	2270.8
-15°	620.8	677.3	723.2	764.9	810.7	868.4	955.3	1086.0	1278.2	1567.7	2034.9
-17.5°	612.8	669.9	717.4	757.7	801.8	852.5	927.2	1042.6	1212.7	1466.3	1874.9
-20°	603.4	661.1	710.5	749.2	791.6	838.6	906.9	1009.4	1156.4	1368.8	1691.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	592.7	651.2	701.3	740.3	781.2	826.4	886.1	971.1	1093.0	1257.0	1509.7
-25°	580.7	638.0	689.0	730.9	769.9	811.6	862.8	930.7	1036.4	1176.9	1372.8
-27.5°	567.5	623.4	676.2	720.1	757.8	795.4	842.5	903.0	983.4	1092.1	1237.0
-30°	553.0	608.1	662.8	707.1	744.7	781.2	821.5	871.4	932.4	1023.6	1140.2
-32.5°	537.5	591.2	645.8	691.6	730.1	766.5	799.6	843.8	896.0	958.5	1049.6
-35°	520.6	572.9	625.9	675.8	713.9	749.0	781.2	816.6	860.1	912.5	976.9
-37.5°	502.4	553.0	604.3	656.2	696.4	729.4	760.5	792.3	829.5	869.6	919.9
-40°	482.9	531.6	581.0	631.1	676.8	708.8	739.2	767.8	799.8	834.4	871.4
-42.5°	462.1	508.9	556.2	604.3	650.1	686.3	717.3	744.3	770.6	799.8	831.7
-45°	440.3	484.8	530.0	576.6	621.9	660.5	691.6	721.0	743.4	768.0	794.5
-47.5°	417.8	459.7	502.5	547.6	592.0	632.0	664.2	691.5	715.4	737.3	760.4
-50°	394.4	434.6	474.6	517.5	559.7	601.1	636.2	662.2	685.7	705.9	725.4
-52.5°	369.4	409.0	446.8	486.5	526.4	565.5	602.8	632.6	655.6	676.3	695.0
-55°	343.7	381.2	417.9	454.5	492.1	529.0	564.7	596.7	624.8	645.1	665.0
-57.5°	317.2	351.8	386.2	421.1	455.9	491.2	524.0	557.8	586.6	610.9	631.5
-60°	290.1	321.3	352.4	384.8	417.8	449.5	480.7	511.4	542.4	571.2	589.0
-62.5°	261.9	290.1	317.9	346.3	376.2	405.6	433.5	461.7	490.4	515.6	537.4
-65°	231.4	257.8	282.9	307.9	333.0	359.2	384.7	409.3	434.1	458.0	479.6
-67.5°	200.2	224.4	247.4	269.2	291.3	313.6	335.2	357.3	378.6	400.1	420.5
-70°	171.9	191.2	211.6	231.2	250.0	268.9	288.1	306.5	324.6	343.0	361.2
-72.5°	143.7	160.7	177.2	193.4	210.0	226.2	241.9	257.0	272.6	288.5	303.7
-75°	116.7	130.0	144.1	157.9	171.3	184.3	197.0	209.9	223.0	236.0	248.3
-77.5°	90.6	102.2	113.2	123.4	133.3	144.1	154.6	164.7	175.1	185.4	195.3
-80°	66.1	74.3	83.7	92.6	100.3	107.8	114.9	121.8	129.3	137.3	145.4
-82.5°	44.9	50.8	56.8	62.9	68.3	73.4	78.4	83.5	88.7	93.8	98.9
-85°	25.1	27.2	30.8	34.5	38.0	41.4	44.7	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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-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	60.4	61.5	62.5	63.3	66.1	68.8	71.3	73.7	73.6	73.3
82.5°	103.9	107.2	110.1	112.7	114.9	118.2	121.2	123.7	125.9	127.5	128.9
80°	153.1	158.5	163.2	167.4	171.2	175.6	179.6	183.2	186.3	188.0	189.1
77.5°	205.1	213.0	220.1	226.9	233.3	239.6	245.4	250.6	255.1	256.1	255.9
75°	260.1	270.7	280.7	290.0	298.6	305.9	312.1	317.4	321.6	323.8	324.9
72.5°	318.1	331.2	343.0	353.6	362.7	370.3	376.8	382.5	387.3	390.3	392.1
70°	378.6	394.1	406.2	416.2	424.0	431.5	440.0	448.0	455.5	459.8	461.4
67.5°	439.3	455.3	466.4	475.5	482.7	490.1	500.7	510.3	518.8	524.6	528.2
65°	498.6	515.6	526.7	535.4	542.0	549.4	561.3	570.7	578.0	583.7	588.9
62.5°	557.3	574.4	586.7	597.0	606.6	614.7	624.5	632.5	638.7	644.4	650.8
60°	608.1	628.4	641.3	651.8	663.6	676.4	683.6	689.6	694.7	699.3	703.3
57.5°	649.6	667.7	684.3	697.0	709.3	721.1	729.6	735.2	739.7	743.1	744.5
55°	684.4	703.0	721.6	735.3	747.4	758.4	767.7	775.1	781.1	785.9	787.0
52.5°	715.6	736.5	754.7	770.5	786.4	799.5	809.7	819.7	828.4	835.3	838.4
50°	749.4	771.3	794.1	815.2	832.2	847.1	859.5	873.6	888.4	900.6	908.3
47.5°	785.0	810.3	837.8	863.7	883.9	906.0	926.6	947.4	975.0	998.1	1015.3
45°	822.3	854.7	886.1	919.1	946.9	988.6	1027.3	1060.5	1104.6	1144.7	1176.5
42.5°	866.3	906.6	945.2	998.1	1053.4	1110.3	1171.8	1224.3	1293.3	1363.6	1420.3
40°	918.4	970.0	1037.9	1108.9	1196.3	1274.6	1380.7	1475.3	1581.2	1715.1	1825.8
37.5°	981.1	1060.6	1155.1	1254.1	1390.4	1520.6	1696.0	1881.0	2048.8	2306.4	2523.1
35°	1062.7	1173.8	1298.1	1473.3	1666.2	1910.2	2184.0	2541.2	2847.5	3282.0	3697.2
32.5°	1167.6	1310.5	1513.6	1784.0	2069.1	2512.2	2946.5	3566.8	4141.1	4829.8	5573.0
30°	1284.5	1502.0	1812.1	2183.1	2715.0	3366.8	4132.5	5085.1	6127.6	7095.6	8049.4
27.5°	1453.9	1765.4	2172.9	2771.5	3600.5	4512.3	5854.0	7147.1	8496.2	9695.4	10695.6
25°	1651.6	2063.3	2693.5	3574.8	4695.9	6257.4	7863.5	9459.4	10910.3	12165.8	13270.9
22.5°	1906.9	2499.1	3339.2	4480.8	6226.6	8098.1	9981.4	11741.7	13289.4	14687.4	15883.6
20°	2184.7	2925.7	4125.3	5827.6	7824.1	9956.3	12082.8	13957.9	15662.0	17247.1	18595.4
17.5°	2536.7	3574.4	5093.6	7135.7	9443.9	11780.0	14014.0	16048.9	17982.2	19659.6	21068.3
15°	2836.7	4145.8	6128.5	8523.5	11020.2	13484.4	15843.0	18053.2	20063.3	21784.3	23108.7
12.5°	3236.9	4786.1	7047.3	9716.5	12422.0	15015.0	17499.3	19783.7	21829.3	23531.4	24562.3
10°	3615.1	5449.0	7935.3	10719.0	13529.8	16292.6	18945.1	21288.0	23187.2	24541.2	25419.7
7.5°	3936.7	6018.7	8657.7	11529.3	14410.0	17298.4	19983.5	22263.0	24014.1	25144.9	25756.5
5°	4176.8	6444.6	9193.9	12187.7	15143.7	18082.9	20747.0	22886.9	24400.4	25240.4	25547.5
2.5°	4329.8	6694.8	9505.1	12619.7	15634.8	18579.2	21270.6	23377.1	24661.2	25217.9	25270.9
0°	4391.0	6727.1	9553.1	12846.3	15758.5	18720.6	21419.6	23578.8	24758.2	25216.3	25207.3
-2.5°	4329.8	6694.8	9505.1	12619.7	15634.8	18579.2	21270.6	23377.1	24661.2	25217.9	25270.9
-5°	4176.8	6444.6	9193.9	12187.7	15143.7	18082.9	20747.0	22886.9	24400.4	25240.4	25547.5
-7.5°	3936.7	6018.7	8657.7	11529.3	14410.0	17298.4	19983.5	22263.0	24014.1	25144.9	25756.5
-10°	3615.1	5449.0	7935.3	10719.0	13529.8	16292.6	18945.1	21288.0	23187.2	24541.2	25419.7
-12.5°	3236.9	4786.1	7047.3	9716.5	12422.0	15015.0	17499.3	19783.7	21829.3	23531.4	24562.3
-15°	2836.7	4145.8	6128.5	8523.5	11020.2	13484.4	15843.0	18053.2	20063.3	21784.3	23108.7
-17.5°	2536.7	3574.4	5093.6	7135.7	9443.9	11780.0	14014.0	16048.9	17982.2	19659.6	21068.3
-20°	2184.7	2925.7	4125.3	5827.6	7824.1	9956.3	12082.8	13957.9	15662.0	17247.1	18595.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1906.9	2499.1	3339.2	4480.8	6226.6	8098.1	9981.4	11741.7	13289.4	14687.4	15883.6
-25°	1651.6	2063.3	2693.5	3574.8	4695.9	6257.4	7863.5	9459.4	10910.3	12165.8	13270.9
-27.5°	1453.9	1765.4	2172.9	2771.5	3600.5	4512.3	5854.0	7147.1	8496.2	9695.4	10695.6
-30°	1284.5	1502.0	1812.1	2183.1	2715.0	3366.8	4132.5	5085.1	6127.6	7095.6	8049.4
-32.5°	1167.6	1310.5	1513.6	1784.0	2069.1	2512.2	2946.5	3566.8	4141.1	4829.8	5573.0
-35°	1062.7	1173.8	1298.1	1473.3	1666.2	1910.2	2184.0	2541.2	2847.5	3282.0	3697.2
-37.5°	981.1	1060.6	1155.1	1254.1	1390.4	1520.6	1696.0	1881.0	2048.8	2306.4	2523.1
-40°	918.4	970.0	1037.9	1108.9	1196.3	1274.6	1380.7	1475.3	1581.2	1715.1	1825.8
-42.5°	866.3	906.6	945.2	998.1	1053.4	1110.3	1171.8	1224.3	1293.3	1363.6	1420.3
-45°	822.3	854.7	886.1	919.1	946.9	988.6	1027.3	1060.5	1104.6	1144.7	1176.5
-47.5°	785.0	810.3	837.8	863.7	883.9	906.0	926.6	947.4	975.0	998.1	1015.3
-50°	749.4	771.3	794.1	815.2	832.2	847.1	859.5	873.6	888.4	900.6	908.3
-52.5°	715.6	736.5	754.7	770.5	786.4	799.5	809.7	819.7	828.4	835.3	838.4
-55°	684.4	703.0	721.6	735.3	747.4	758.4	767.7	775.1	781.1	785.9	787.0
-57.5°	649.6	667.7	684.3	697.0	709.3	721.1	729.6	735.2	739.7	743.1	744.5
-60°	608.1	628.4	641.3	651.8	663.6	676.4	683.6	689.6	694.7	699.3	703.3
-62.5°	557.3	574.4	586.7	597.0	606.6	614.7	624.5	632.5	638.7	644.4	650.8
-65°	498.6	515.6	526.7	535.4	542.0	549.4	561.3	570.7	578.0	583.7	588.9
-67.5°	439.3	455.3	466.4	475.5	482.7	490.1	500.7	510.3	518.8	524.6	528.2
-70°	378.6	394.1	406.2	416.2	424.0	431.5	440.0	448.0	455.5	459.8	461.4
-72.5°	318.1	331.2	343.0	353.6	362.7	370.3	376.8	382.5	387.3	390.3	392.1
-75°	260.1	270.7	280.7	290.0	298.6	305.9	312.1	317.4	321.6	323.8	324.9
-77.5°	205.1	213.0	220.1	226.9	233.3	239.6	245.4	250.6	255.1	256.1	255.9
-80°	153.1	158.5	163.2	167.4	171.2	175.6	179.6	183.2	186.3	188.0	189.1
-82.5°	103.9	107.2	110.1	112.7	114.9	118.2	121.2	123.7	125.9	127.5	128.9
-85°	59.0	60.4	61.5	62.5	63.3	66.1	68.8	71.3	73.7	73.6	73.3
-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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-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°	72.9	72.2	70.2	68.0	70.2	72.2	72.9	73.3	73.6	73.7	71.3
82.5°	130.0	130.8	129.1	127.0	129.1	130.8	130.0	128.9	127.5	125.9	123.7
80°	189.6	189.6	188.1	186.0	188.1	189.6	189.6	189.1	188.0	186.3	183.2
77.5°	254.8	252.9	253.7	254.0	253.7	252.9	254.8	255.9	256.1	255.1	250.6
75°	325.4	325.1	324.0	322.1	324.0	325.1	325.4	324.9	323.8	321.6	317.4
72.5°	393.0	393.0	392.0	390.1	392.0	393.0	393.0	392.1	390.3	387.3	382.5
70°	461.8	461.0	462.1	462.7	462.1	461.0	461.8	461.4	459.8	455.5	448.0
67.5°	531.0	532.9	532.6	530.7	532.6	532.9	531.0	528.2	524.6	518.8	510.3
65°	593.1	596.2	598.1	598.8	598.1	596.2	593.1	588.9	583.7	578.0	570.7
62.5°	655.8	659.4	659.6	657.7	659.6	659.4	655.8	650.8	644.4	638.7	632.5
60°	705.4	706.0	705.1	703.1	705.1	706.0	705.4	703.3	699.3	694.7	689.6
57.5°	744.4	743.1	741.6	739.4	741.6	743.1	744.4	744.5	743.1	739.7	735.2
55°	786.4	784.2	782.3	780.2	782.3	784.2	786.4	787.0	785.9	781.1	775.1
52.5°	839.0	837.9	836.6	834.6	836.6	837.9	839.0	838.4	835.3	828.4	819.7
50°	912.3	913.4	913.3	911.8	913.3	913.4	912.3	908.3	900.6	888.4	873.6
47.5°	1026.1	1032.2	1036.3	1038.8	1036.3	1032.2	1026.1	1015.3	998.1	975.0	947.4
45°	1196.9	1209.0	1217.6	1224.8	1217.6	1209.0	1196.9	1176.5	1144.7	1104.6	1060.5
42.5°	1460.2	1487.4	1500.2	1496.9	1500.2	1487.4	1460.2	1420.3	1363.6	1293.3	1224.3
40°	1899.5	1943.3	1967.5	1986.8	1967.5	1943.3	1899.5	1825.8	1715.1	1581.2	1475.3
37.5°	2671.0	2756.0	2800.7	2839.6	2800.7	2756.0	2671.0	2523.1	2306.4	2048.8	1881.0
35°	4007.5	4198.6	4300.9	4336.5	4300.9	4198.6	4007.5	3697.2	3282.0	2847.5	2541.2
32.5°	6151.4	6503.9	6698.9	6849.6	6698.9	6503.9	6151.4	5573.0	4829.8	4141.1	3566.8
30°	8804.6	9269.0	9526.9	9652.9	9526.9	9269.0	8804.6	8049.4	7095.6	6127.6	5085.1
27.5°	11524.6	12052.5	12330.6	12315.6	12330.6	12052.5	11524.6	10695.6	9695.4	8496.2	7147.1
25°	14218.2	14829.7	15106.8	15354.8	15106.8	14829.7	14218.2	13270.9	12165.8	10910.3	9459.4
22.5°	16942.6	17657.6	18047.8	18230.7	18047.8	17657.6	16942.6	15883.6	14687.4	13289.4	11741.7
20°	19634.4	20430.4	20844.6	21024.9	20844.6	20430.4	19634.4	18595.4	17247.1	15662.0	13957.9
17.5°	22021.9	22798.9	23193.7	23361.1	23193.7	22798.9	22021.9	21068.3	19659.6	17982.2	16048.9
15°	23928.2	24501.3	24837.1	24926.0	24837.1	24501.3	23928.2	23108.7	21784.3	20063.3	18053.2
12.5°	25246.0	25468.0	25629.4	25679.0	25629.4	25468.0	25246.0	24562.3	23531.4	21829.3	19783.7
10°	25919.7	25819.5	25778.1	25783.3	25778.1	25819.5	25919.7	25419.7	24541.2	23187.2	21288.0
7.5°	25873.4	25725.0	25427.1	25379.6	25427.1	25725.0	25873.4	25756.5	25144.9	24014.1	22263.0
5°	25501.6	25231.5	24737.0	24594.9	24737.0	25231.5	25501.6	25547.5	25240.4	24400.4	22886.9
2.5°	25068.3	24581.5	24125.9	23832.8	24125.9	24581.5	25068.3	25270.9	25217.9	24661.2	23377.1
0°	24939.6	24377.1	23787.4	23596.9	23787.4	24377.1	24939.6	25207.3	25216.3	24758.2	23578.8
-2.5°	25068.3	24581.5	24125.9	23832.8	24125.9	24581.5	25068.3	25270.9	25217.9	24661.2	23377.1
-5°	25501.6	25231.5	24737.0	24594.9	24737.0	25231.5	25501.6	25547.5	25240.4	24400.4	22886.9
-7.5°	25873.4	25725.0	25427.1	25379.6	25427.1	25725.0	25873.4	25756.5	25144.9	24014.1	22263.0
-10°	25919.7	25819.5	25778.1	25783.3	25778.1	25819.5	25919.7	25419.7	24541.2	23187.2	21288.0
-12.5°	25246.0	25468.0	25629.4	25679.0	25629.4	25468.0	25246.0	24562.3	23531.4	21829.3	19783.7
-15°	23928.2	24501.3	24837.1	24926.0	24837.1	24501.3	23928.2	23108.7	21784.3	20063.3	18053.2
-17.5°	22021.9	22798.9	23193.7	23361.1	23193.7	22798.9	22021.9	21068.3	19659.6	17982.2	16048.9
-20°	19634.4	20430.4	20844.6	21024.9	20844.6	20430.4	19634.4	18595.4	17247.1	15662.0	13957.9



REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	16942.6	17657.6	18047.8	18230.7	18047.8	17657.6	16942.6	15883.6	14687.4	13289.4	11741.7
-25°	14218.2	14829.7	15106.8	15354.8	15106.8	14829.7	14218.2	13270.9	12165.8	10910.3	9459.4
-27.5°	11524.6	12052.5	12330.6	12315.6	12330.6	12052.5	11524.6	10695.6	9695.4	8496.2	7147.1
-30°	8804.6	9269.0	9526.9	9652.9	9526.9	9269.0	8804.6	8049.4	7095.6	6127.6	5085.1
-32.5°	6151.4	6503.9	6698.9	6849.6	6698.9	6503.9	6151.4	5573.0	4829.8	4141.1	3566.8
-35°	4007.5	4198.6	4300.9	4336.5	4300.9	4198.6	4007.5	3697.2	3282.0	2847.5	2541.2
-37.5°	2671.0	2756.0	2800.7	2839.6	2800.7	2756.0	2671.0	2523.1	2306.4	2048.8	1881.0
-40°	1899.5	1943.3	1967.5	1986.8	1967.5	1943.3	1899.5	1825.8	1715.1	1581.2	1475.3
-42.5°	1460.2	1487.4	1500.2	1496.9	1500.2	1487.4	1460.2	1420.3	1363.6	1293.3	1224.3
-45°	1196.9	1209.0	1217.6	1224.8	1217.6	1209.0	1196.9	1176.5	1144.7	1104.6	1060.5
-47.5°	1026.1	1032.2	1036.3	1038.8	1036.3	1032.2	1026.1	1015.3	998.1	975.0	947.4
-50°	912.3	913.4	913.3	911.8	913.3	913.4	912.3	908.3	900.6	888.4	873.6
-52.5°	839.0	837.9	836.6	834.6	836.6	837.9	839.0	838.4	835.3	828.4	819.7
-55°	786.4	784.2	782.3	780.2	782.3	784.2	786.4	787.0	785.9	781.1	775.1
-57.5°	744.4	743.1	741.6	739.4	741.6	743.1	744.4	744.5	743.1	739.7	735.2
-60°	705.4	706.0	705.1	703.1	705.1	706.0	705.4	703.3	699.3	694.7	689.6
-62.5°	655.8	659.4	659.6	657.7	659.6	659.4	655.8	650.8	644.4	638.7	632.5
-65°	593.1	596.2	598.1	598.8	598.1	596.2	593.1	588.9	583.7	578.0	570.7
-67.5°	531.0	532.9	532.6	530.7	532.6	532.9	531.0	528.2	524.6	518.8	510.3
-70°	461.8	461.0	462.1	462.7	462.1	461.0	461.8	461.4	459.8	455.5	448.0
-72.5°	393.0	393.0	392.0	390.1	392.0	393.0	393.0	392.1	390.3	387.3	382.5
-75°	325.4	325.1	324.0	322.1	324.0	325.1	325.4	324.9	323.8	321.6	317.4
-77.5°	254.8	252.9	253.7	254.0	253.7	252.9	254.8	255.9	256.1	255.1	250.6
-80°	189.6	189.6	188.1	186.0	188.1	189.6	189.6	189.1	188.0	186.3	183.2
-82.5°	130.0	130.8	129.1	127.0	129.1	130.8	130.0	128.9	127.5	125.9	123.7
-85°	72.9	72.2	70.2	68.0	70.2	72.2	72.9	73.3	73.6	73.7	71.3
-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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	68.8	66.1	63.3	62.5	61.5	60.4	59.0	56.4	53.7	50.8	47.8
82.5°	121.2	118.2	114.9	112.7	110.1	107.2	103.9	98.9	93.8	88.7	83.5
80°	179.6	175.6	171.2	167.4	163.2	158.5	153.1	145.4	137.3	129.3	121.8
77.5°	245.4	239.6	233.3	226.9	220.1	213.0	205.1	195.3	185.4	175.1	164.7
75°	312.1	305.9	298.6	290.0	280.7	270.7	260.1	248.3	236.0	223.0	209.9
72.5°	376.8	370.3	362.7	353.6	343.0	331.2	318.1	303.7	288.5	272.6	257.0
70°	440.0	431.5	424.0	416.2	406.2	394.1	378.6	361.2	343.0	324.6	306.5
67.5°	500.7	490.1	482.7	475.5	466.4	455.3	439.3	420.5	400.1	378.6	357.3
65°	561.3	549.4	542.0	535.4	526.7	515.6	498.6	479.6	458.0	434.1	409.3
62.5°	624.5	614.7	606.6	597.0	586.7	574.4	557.3	537.4	515.6	490.4	461.7
60°	683.6	676.4	663.6	651.8	641.3	628.4	608.1	589.0	571.2	542.4	511.4
57.5°	729.6	721.1	709.3	697.0	684.3	667.7	649.6	631.5	610.9	586.6	557.8
55°	767.7	758.4	747.4	735.3	721.6	703.0	684.4	665.0	645.1	624.8	596.7
52.5°	809.7	799.5	786.4	770.5	754.7	736.5	715.6	695.0	676.3	655.6	632.6
50°	859.5	847.1	832.2	815.2	794.1	771.3	749.4	725.4	705.9	685.7	662.2
47.5°	926.6	906.0	883.9	863.7	837.8	810.3	785.0	760.4	737.3	715.4	691.5
45°	1027.3	988.6	946.9	919.1	886.1	854.7	822.3	794.5	768.0	743.4	721.0
42.5°	1171.8	1110.3	1053.4	998.1	945.2	906.6	866.3	831.7	799.8	770.6	744.3
40°	1380.7	1274.6	1196.3	1108.9	1037.9	970.0	918.4	871.4	834.4	799.8	767.8
37.5°	1696.0	1520.6	1390.4	1254.1	1155.1	1060.6	981.1	919.9	869.6	829.5	792.3
35°	2184.0	1910.2	1666.2	1473.3	1298.1	1173.8	1062.7	976.9	912.5	860.1	816.6
32.5°	2946.5	2512.2	2069.1	1784.0	1513.6	1310.5	1167.6	1049.6	958.5	896.0	843.8
30°	4132.5	3366.8	2715.0	2183.1	1812.1	1502.0	1284.5	1140.2	1023.6	932.4	871.4
27.5°	5854.0	4512.3	3600.5	2771.5	2172.9	1765.4	1453.9	1237.0	1092.1	983.4	903.0
25°	7863.5	6257.4	4695.9	3574.8	2693.5	2063.3	1651.6	1372.8	1176.9	1036.4	930.7
22.5°	9981.4	8098.1	6226.6	4480.8	3339.2	2499.1	1906.9	1509.7	1257.0	1093.0	971.1
20°	12082.8	9956.3	7824.1	5827.6	4125.3	2925.7	2184.7	1691.3	1368.8	1156.4	1009.4
17.5°	14014.0	11780.0	9443.9	7135.7	5093.6	3574.4	2536.7	1874.9	1466.3	1212.7	1042.6
15°	15843.0	13484.4	11020.2	8523.5	6128.5	4145.8	2836.7	2034.9	1567.7	1278.2	1086.0
12.5°	17499.3	15015.0	12422.0	9716.5	7047.3	4786.1	3236.9	2270.8	1692.3	1346.1	1126.9
10°	18945.1	16292.6	13529.8	10719.0	7935.3	5449.0	3615.1	2471.9	1800.2	1402.4	1160.3
7.5°	19983.5	17298.4	14410.0	11529.3	8657.7	6018.7	3936.7	2631.2	1885.0	1445.5	1186.1
5°	20747.0	18082.9	15143.7	12187.7	9193.9	6444.6	4176.8	2743.2	1945.5	1475.4	1204.0
2.5°	21270.6	18579.2	15634.8	12619.7	9505.1	6694.8	4329.8	2803.3	1974.2	1498.8	1213.9
0°	21419.6	18720.6	15758.5	12846.3	9553.1	6727.1	4391.0	2812.4	1973.2	1510.5	1215.7
-2.5°	21270.6	18579.2	15634.8	12619.7	9505.1	6694.8	4329.8	2803.3	1974.2	1498.8	1213.9
-5°	20747.0	18082.9	15143.7	12187.7	9193.9	6444.6	4176.8	2743.2	1945.5	1475.4	1204.0
-7.5°	19983.5	17298.4	14410.0	11529.3	8657.7	6018.7	3936.7	2631.2	1885.0	1445.5	1186.1
-10°	18945.1	16292.6	13529.8	10719.0	7935.3	5449.0	3615.1	2471.9	1800.2	1402.4	1160.3
-12.5°	17499.3	15015.0	12422.0	9716.5	7047.3	4786.1	3236.9	2270.8	1692.3	1346.1	1126.9
-15°	15843.0	13484.4	11020.2	8523.5	6128.5	4145.8	2836.7	2034.9	1567.7	1278.2	1086.0
-17.5°	14014.0	11780.0	9443.9	7135.7	5093.6	3574.4	2536.7	1874.9	1466.3	1212.7	1042.6
-20°	12082.8	9956.3	7824.1	5827.6	4125.3	2925.7	2184.7	1691.3	1368.8	1156.4	1009.4



REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9981.4	8098.1	6226.6	4480.8	3339.2	2499.1	1906.9	1509.7	1257.0	1093.0	971.1
-25°	7863.5	6257.4	4695.9	3574.8	2693.5	2063.3	1651.6	1372.8	1176.9	1036.4	930.7
-27.5°	5854.0	4512.3	3600.5	2771.5	2172.9	1765.4	1453.9	1237.0	1092.1	983.4	903.0
-30°	4132.5	3366.8	2715.0	2183.1	1812.1	1502.0	1284.5	1140.2	1023.6	932.4	871.4
-32.5°	2946.5	2512.2	2069.1	1784.0	1513.6	1310.5	1167.6	1049.6	958.5	896.0	843.8
-35°	2184.0	1910.2	1666.2	1473.3	1298.1	1173.8	1062.7	976.9	912.5	860.1	816.6
-37.5°	1696.0	1520.6	1390.4	1254.1	1155.1	1060.6	981.1	919.9	869.6	829.5	792.3
-40°	1380.7	1274.6	1196.3	1108.9	1037.9	970.0	918.4	871.4	834.4	799.8	767.8
-42.5°	1171.8	1110.3	1053.4	998.1	945.2	906.6	866.3	831.7	799.8	770.6	744.3
-45°	1027.3	988.6	946.9	919.1	886.1	854.7	822.3	794.5	768.0	743.4	721.0
-47.5°	926.6	906.0	883.9	863.7	837.8	810.3	785.0	760.4	737.3	715.4	691.5
-50°	859.5	847.1	832.2	815.2	794.1	771.3	749.4	725.4	705.9	685.7	662.2
-52.5°	809.7	799.5	786.4	770.5	754.7	736.5	715.6	695.0	676.3	655.6	632.6
-55°	767.7	758.4	747.4	735.3	721.6	703.0	684.4	665.0	645.1	624.8	596.7
-57.5°	729.6	721.1	709.3	697.0	684.3	667.7	649.6	631.5	610.9	586.6	557.8
-60°	683.6	676.4	663.6	651.8	641.3	628.4	608.1	589.0	571.2	542.4	511.4
-62.5°	624.5	614.7	606.6	597.0	586.7	574.4	557.3	537.4	515.6	490.4	461.7
-65°	561.3	549.4	542.0	535.4	526.7	515.6	498.6	479.6	458.0	434.1	409.3
-67.5°	500.7	490.1	482.7	475.5	466.4	455.3	439.3	420.5	400.1	378.6	357.3
-70°	440.0	431.5	424.0	416.2	406.2	394.1	378.6	361.2	343.0	324.6	306.5
-72.5°	376.8	370.3	362.7	353.6	343.0	331.2	318.1	303.7	288.5	272.6	257.0
-75°	312.1	305.9	298.6	290.0	280.7	270.7	260.1	248.3	236.0	223.0	209.9
-77.5°	245.4	239.6	233.3	226.9	220.1	213.0	205.1	195.3	185.4	175.1	164.7
-80°	179.6	175.6	171.2	167.4	163.2	158.5	153.1	145.4	137.3	129.3	121.8
-82.5°	121.2	118.2	114.9	112.7	110.1	107.2	103.9	98.9	93.8	88.7	83.5
-85°	68.8	66.1	63.3	62.5	61.5	60.4	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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	44.7	41.4	38.0	34.5	30.8	27.2	25.1	22.9	19.9	17.0	14.3
82.5°	78.4	73.4	68.3	62.9	56.8	50.8	44.9	39.2	32.8	26.0	21.4
80°	114.9	107.8	100.3	92.6	83.7	74.3	66.1	58.2	50.4	42.1	33.4
77.5°	154.6	144.1	133.3	123.4	113.2	102.2	90.6	78.4	67.9	58.2	47.8
75°	197.0	184.3	171.3	157.9	144.1	130.0	116.7	102.7	88.7	74.5	62.1
72.5°	241.9	226.2	210.0	193.4	177.2	160.7	143.7	126.8	110.5	93.9	77.0
70°	288.1	268.9	250.0	231.2	211.6	191.2	171.9	151.9	132.0	113.1	93.9
67.5°	335.2	313.6	291.3	269.2	247.4	224.4	200.2	176.9	154.2	132.0	110.5
65°	384.7	359.2	333.0	307.9	282.9	257.8	231.4	202.4	176.0	151.1	126.8
62.5°	433.5	405.6	376.2	346.3	317.9	290.1	261.9	229.7	197.9	169.8	142.9
60°	480.7	449.5	417.8	384.8	352.4	321.3	290.1	256.3	221.6	188.0	158.6
57.5°	524.0	491.2	455.9	421.1	386.2	351.8	317.2	281.4	244.7	207.7	173.9
55°	564.7	529.0	492.1	454.5	417.9	381.2	343.7	305.5	266.9	227.4	188.9
52.5°	602.8	565.5	526.4	486.5	446.8	409.0	369.4	328.9	287.9	246.4	205.3
50°	636.2	601.1	559.7	517.5	474.6	434.6	394.4	351.6	308.3	264.6	221.4
47.5°	664.2	632.0	592.0	547.6	502.5	459.7	417.8	373.5	327.9	282.0	236.8
45°	691.6	660.5	621.9	576.6	530.0	484.8	440.3	394.5	346.8	298.9	251.5
42.5°	717.3	686.3	650.1	604.3	556.2	508.9	462.1	414.4	364.9	314.9	265.5
40°	739.2	708.8	676.8	631.1	581.0	531.6	482.9	433.6	382.2	330.1	278.7
37.5°	760.5	729.4	696.4	656.2	604.3	553.0	502.4	452.0	398.9	344.9	291.1
35°	781.2	749.0	713.9	675.8	625.9	572.9	520.6	469.1	414.6	359.0	302.8
32.5°	799.6	766.5	730.1	691.6	645.8	591.2	537.5	484.2	429.1	372.3	313.6
30°	821.5	781.2	744.7	707.1	662.8	608.1	553.0	498.3	442.5	384.9	323.8
27.5°	842.5	795.4	757.8	720.1	676.2	623.4	567.5	511.3	454.7	396.4	333.8
25°	862.8	811.6	769.9	730.9	689.0	638.0	580.7	523.2	465.5	406.3	343.1
22.5°	886.1	826.4	781.2	740.3	701.3	651.2	592.7	534.0	475.1	415.3	351.6
20°	906.9	838.6	791.6	749.2	710.5	661.1	603.4	543.6	483.7	423.2	359.3
17.5°	927.2	852.5	801.8	757.7	717.4	669.9	612.8	552.1	491.2	430.1	366.1
15°	955.3	868.4	810.7	764.9	723.2	677.3	620.8	559.3	497.6	435.9	372.3
12.5°	979.5	881.7	818.0	770.9	727.9	683.5	627.5	565.2	503.0	441.1	377.7
10°	999.1	892.3	823.7	775.5	731.6	688.3	632.8	570.3	508.0	445.6	382.1
7.5°	1013.9	900.3	827.8	778.7	734.1	691.9	637.6	574.8	511.9	449.1	385.6
5°	1024.0	905.5	831.2	780.6	735.5	694.0	641.2	578.0	514.8	451.6	388.1
2.5°	1029.3	907.8	833.7	781.1	735.8	694.7	643.4	580.0	516.5	453.1	389.6
0°	1029.7	907.2	834.6	780.2	734.9	694.0	644.1	580.6	517.1	453.6	390.1
-2.5°	1029.3	907.8	833.7	781.1	735.8	694.7	643.4	580.0	516.5	453.1	389.6
-5°	1024.0	905.5	831.2	780.6	735.5	694.0	641.2	578.0	514.8	451.6	388.1
-7.5°	1013.9	900.3	827.8	778.7	734.1	691.9	637.6	574.8	511.9	449.1	385.6
-10°	999.1	892.3	823.7	775.5	731.6	688.3	632.8	570.3	508.0	445.6	382.1
-12.5°	979.5	881.7	818.0	770.9	727.9	683.5	627.5	565.2	503.0	441.1	377.7
-15°	955.3	868.4	810.7	764.9	723.2	677.3	620.8	559.3	497.6	435.9	372.3
-17.5°	927.2	852.5	801.8	757.7	717.4	669.9	612.8	552.1	491.2	430.1	366.1
-20°	906.9	838.6	791.6	749.2	710.5	661.1	603.4	543.6	483.7	423.2	359.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	886.1	826.4	781.2	740.3	701.3	651.2	592.7	534.0	475.1	415.3	351.6
-25°	862.8	811.6	769.9	730.9	689.0	638.0	580.7	523.2	465.5	406.3	343.1
-27.5°	842.5	795.4	757.8	720.1	676.2	623.4	567.5	511.3	454.7	396.4	333.8
-30°	821.5	781.2	744.7	707.1	662.8	608.1	553.0	498.3	442.5	384.9	323.8
-32.5°	799.6	766.5	730.1	691.6	645.8	591.2	537.5	484.2	429.1	372.3	313.6
-35°	781.2	749.0	713.9	675.8	625.9	572.9	520.6	469.1	414.6	359.0	302.8
-37.5°	760.5	729.4	696.4	656.2	604.3	553.0	502.4	452.0	398.9	344.9	291.1
-40°	739.2	708.8	676.8	631.1	581.0	531.6	482.9	433.6	382.2	330.1	278.7
-42.5°	717.3	686.3	650.1	604.3	556.2	508.9	462.1	414.4	364.9	314.9	265.5
-45°	691.6	660.5	621.9	576.6	530.0	484.8	440.3	394.5	346.8	298.9	251.5
-47.5°	664.2	632.0	592.0	547.6	502.5	459.7	417.8	373.5	327.9	282.0	236.8
-50°	636.2	601.1	559.7	517.5	474.6	434.6	394.4	351.6	308.3	264.6	221.4
-52.5°	602.8	565.5	526.4	486.5	446.8	409.0	369.4	328.9	287.9	246.4	205.3
-55°	564.7	529.0	492.1	454.5	417.9	381.2	343.7	305.5	266.9	227.4	188.9
-57.5°	524.0	491.2	455.9	421.1	386.2	351.8	317.2	281.4	244.7	207.7	173.9
-60°	480.7	449.5	417.8	384.8	352.4	321.3	290.1	256.3	221.6	188.0	158.6
-62.5°	433.5	405.6	376.2	346.3	317.9	290.1	261.9	229.7	197.9	169.8	142.9
-65°	384.7	359.2	333.0	307.9	282.9	257.8	231.4	202.4	176.0	151.1	126.8
-67.5°	335.2	313.6	291.3	269.2	247.4	224.4	200.2	176.9	154.2	132.0	110.5
-70°	288.1	268.9	250.0	231.2	211.6	191.2	171.9	151.9	132.0	113.1	93.9
-72.5°	241.9	226.2	210.0	193.4	177.2	160.7	143.7	126.8	110.5	93.9	77.0
-75°	197.0	184.3	171.3	157.9	144.1	130.0	116.7	102.7	88.7	74.5	62.1
-77.5°	154.6	144.1	133.3	123.4	113.2	102.2	90.6	78.4	67.9	58.2	47.8
-80°	114.9	107.8	100.3	92.6	83.7	74.3	66.1	58.2	50.4	42.1	33.4
-82.5°	78.4	73.4	68.3	62.9	56.8	50.8	44.9	39.2	32.8	26.0	21.4
-85°	44.7	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: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	49.5	36.9	24.2	17.6	11.7	5.9	0.0
72.5°	61.9	47.3	32.5	20.4	13.6	6.8	0.0
70°	74.4	57.5	40.8	23.9	15.5	7.8	0.0
67.5°	88.6	67.6	48.9	29.9	17.4	8.7	0.0
65°	102.4	78.3	56.8	35.9	19.2	9.6	0.0
62.5°	116.0	89.4	64.6	41.8	20.9	10.5	0.0
60°	129.1	100.3	72.2	47.5	22.7	11.3	0.0
57.5°	142.3	110.8	80.5	53.1	26.3	12.2	0.0
55°	155.3	121.0	88.6	58.5	29.9	13.0	0.0
52.5°	167.9	131.0	96.4	63.8	33.3	13.8	0.0
50°	180.2	141.3	103.9	68.9	36.6	14.6	0.0
47.5°	192.4	151.3	111.2	73.9	39.8	15.3	0.0
45°	204.9	161.0	118.1	79.1	42.8	16.0	0.0
42.5°	216.9	170.2	124.6	84.0	45.6	16.7	0.0
40°	228.2	179.2	131.3	88.5	48.3	17.4	0.0
37.5°	238.9	187.7	138.1	92.8	50.9	18.0	0.0
35°	248.9	196.0	144.5	96.7	53.3	18.6	0.0
32.5°	258.3	203.8	150.5	100.5	55.5	19.1	0.0
30°	266.9	211.1	156.2	103.9	57.5	19.7	0.0
27.5°	274.8	217.8	161.2	107.1	59.4	20.1	0.0
25°	282.0	223.9	165.8	110.0	61.1	20.6	0.0
22.5°	288.5	229.3	170.0	112.6	62.6	21.0	0.0
20°	294.2	234.0	173.6	114.9	63.9	21.3	0.0
17.5°	299.4	238.0	176.9	116.9	65.1	21.6	0.0
15°	304.0	241.5	179.6	118.7	66.0	21.9	0.0
12.5°	308.0	244.3	181.9	120.1	66.8	22.2	0.0
10°	311.4	246.6	183.7	121.2	67.4	22.4	0.0
7.5°	314.0	248.2	185.0	122.0	67.8	22.5	0.0
5°	315.9	249.3	185.8	122.5	68.1	22.6	0.0
2.5°	317.1	249.7	186.2	122.6	68.1	22.7	0.0
0°	317.5	249.5	186.0	122.5	68.0	22.7	0.0
-2.5°	317.1	249.7	186.2	122.6	68.1	22.7	0.0
-5°	315.9	249.3	185.8	122.5	68.1	22.6	0.0
-7.5°	314.0	248.2	185.0	122.0	67.8	22.5	0.0
-10°	311.4	246.6	183.7	121.2	67.4	22.4	0.0
-12.5°	308.0	244.3	181.9	120.1	66.8	22.2	0.0
-15°	304.0	241.5	179.6	118.7	66.0	21.9	0.0
-17.5°	299.4	238.0	176.9	116.9	65.1	21.6	0.0
-20°	294.2	234.0	173.6	114.9	63.9	21.3	0.0

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REPORT NUMBER: P627227 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	288.5	229.3	170.0	112.6	62.6	21.0	0.0
-25°	282.0	223.9	165.8	110.0	61.1	20.6	0.0
-27.5°	274.8	217.8	161.2	107.1	59.4	20.1	0.0
-30°	266.9	211.1	156.2	103.9	57.5	19.7	0.0
-32.5°	258.3	203.8	150.5	100.5	55.5	19.1	0.0
-35°	248.9	196.0	144.5	96.7	53.3	18.6	0.0
-37.5°	238.9	187.7	138.1	92.8	50.9	18.0	0.0
-40°	228.2	179.2	131.3	88.5	48.3	17.4	0.0
-42.5°	216.9	170.2	124.6	84.0	45.6	16.7	0.0
-45°	204.9	161.0	118.1	79.1	42.8	16.0	0.0
-47.5°	192.4	151.3	111.2	73.9	39.8	15.3	0.0
-50°	180.2	141.3	103.9	68.9	36.6	14.6	0.0
-52.5°	167.9	131.0	96.4	63.8	33.3	13.8	0.0
-55°	155.3	121.0	88.6	58.5	29.9	13.0	0.0
-57.5°	142.3	110.8	80.5	53.1	26.3	12.2	0.0
-60°	129.1	100.3	72.2	47.5	22.7	11.3	0.0
-62.5°	116.0	89.4	64.6	41.8	20.9	10.5	0.0
-65°	102.4	78.3	56.8	35.9	19.2	9.6	0.0
-67.5°	88.6	67.6	48.9	29.9	17.4	8.7	0.0
-70°	74.4	57.5	40.8	23.9	15.5	7.8	0.0
-72.5°	61.9	47.3	32.5	20.4	13.6	6.8	0.0
-75°	49.5	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)