

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: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627217 (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-735-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N73  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

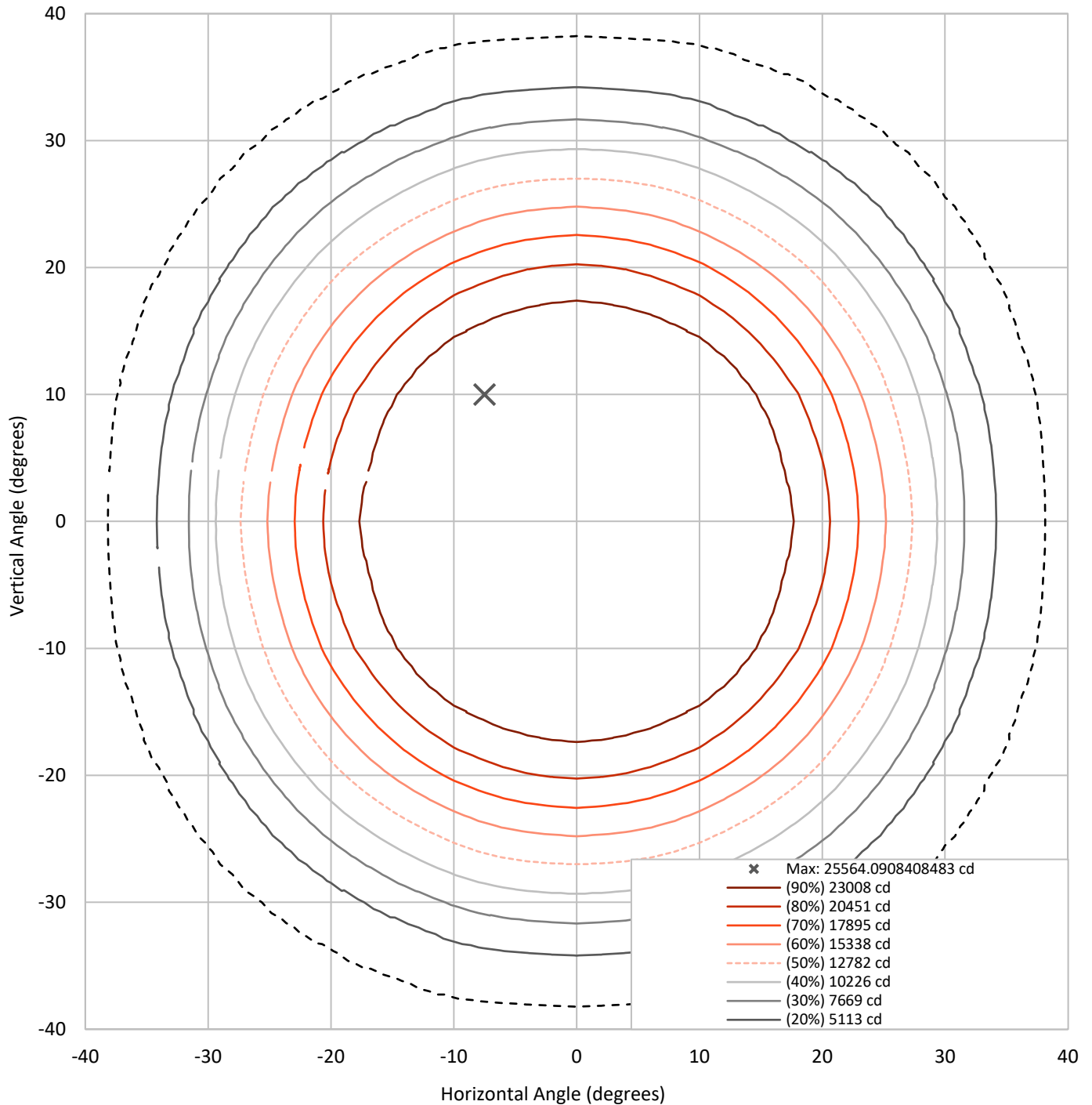
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21757.5 lumens	Max Intensity:	25564.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	135.8 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:	14441.3 lumens	Field Lumens:	18777.8 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





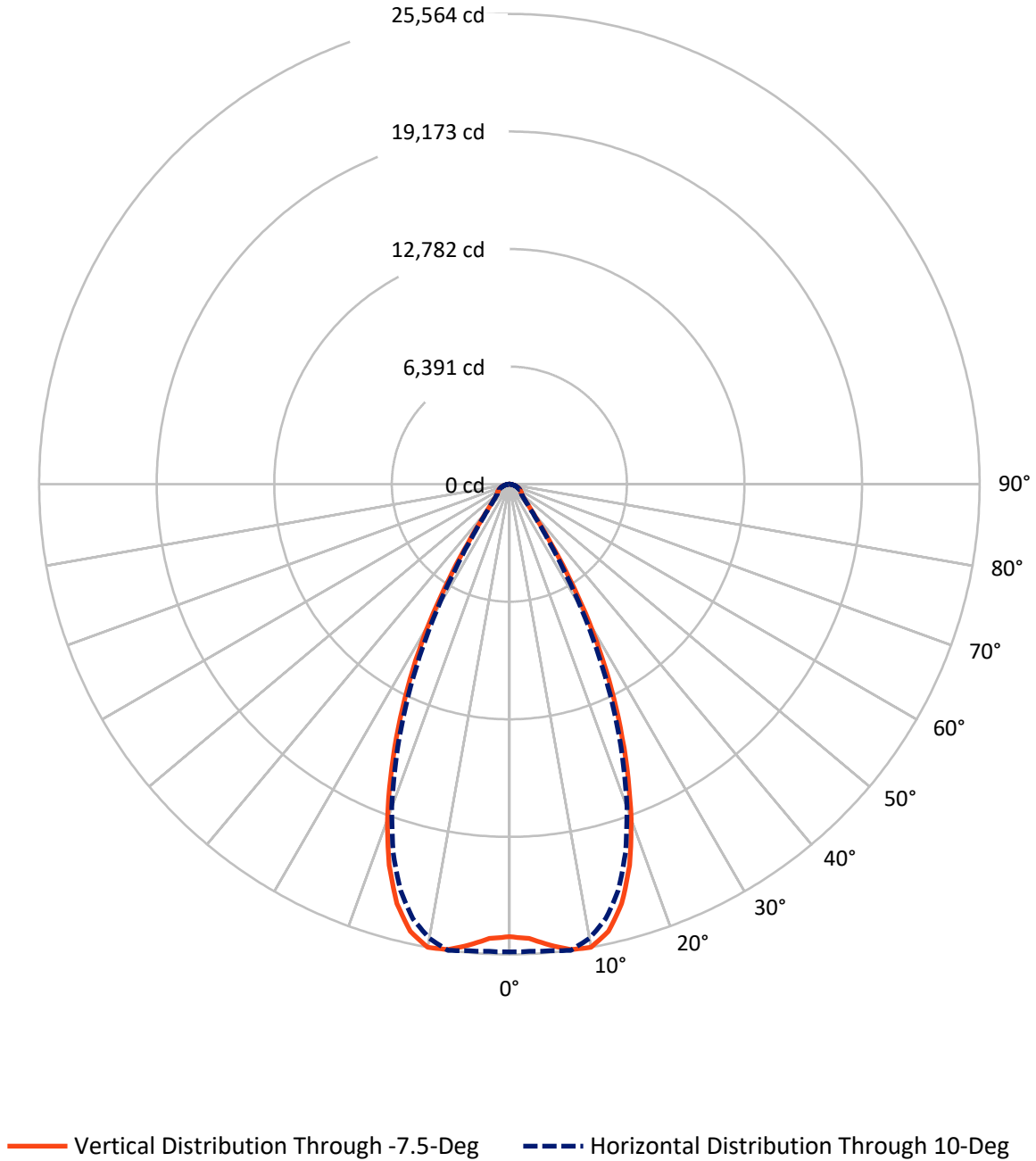
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### Lumen Table

90																			
80	0.6	5.1		13.7		21.6		24.1		21.6		13.7		5.1		0.6			
70																			
60	2.3	2.6	5.3	8.7	12.2	14.8	16.7	17.7	17.7	16.7	14.8	12.2	8.7	5.3	2.6	2.3			
50		3.9	7.9	12.6	16.8	20.3	22.7	23.7	23.7	22.7	20.3	16.8	12.6	7.9	3.9				
40	4.1	5.0	9.9	15.2	20.4	26.6	33.4	38.4	38.4	33.4	26.6	20.4	15.2	9.9	5.0	4.1			
30		6.0	11.5	17.5	27.1	49.5	94.6	140.3	140.3	94.6	49.5	27.1	17.5	11.5	6.0				
20	5.3	6.7	12.6	20.4	44.6	139.7	313.4	437.6	437.6	313.4	139.7	44.6	20.4	12.6	6.7	5.3			
10		7.2	13.3	24.3	80.6	297.8	568.6	711.7	711.7	568.6	297.8	80.6	24.3	13.3	7.2				
0	5.7	7.4	13.6	27.3	116.0	407.5	689.8	750.6	750.6	689.8	407.5	116.0	27.3	13.6	7.4	5.7			
-10		7.4	13.6	27.3	116.0	407.5	689.8	750.6	750.6	689.8	407.5	116.0	27.3	13.6	7.4				
-20	5.3	7.2	13.3	24.3	80.6	297.8	568.6	711.7	711.7	568.6	297.8	80.6	24.3	13.3	7.2	5.3			
-30		6.7	12.6	20.4	44.6	139.7	313.4	437.6	437.6	313.4	139.7	44.6	20.4	12.6	6.7				
-40	4.1	6.0	11.5	17.5	27.1	49.5	94.6	140.3	140.3	94.6	49.5	27.1	17.5	11.5	6.0	4.1			
-50		5.0	9.9	15.2	20.4	26.6	33.4	38.4	38.4	33.4	26.6	20.4	15.2	9.9	5.0				
-60	2.3	3.9	7.9	12.6	16.8	20.3	22.7	23.7	23.7	22.7	20.3	16.8	12.6	7.9	3.9	2.3			
-70		2.6	5.3	8.7	12.2	14.8	16.7	17.7	17.7	16.7	14.8	12.2	8.7	5.3	2.6				
-80																			
-90	0.6	5.1		13.7		21.6		24.1		21.6		13.7		5.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

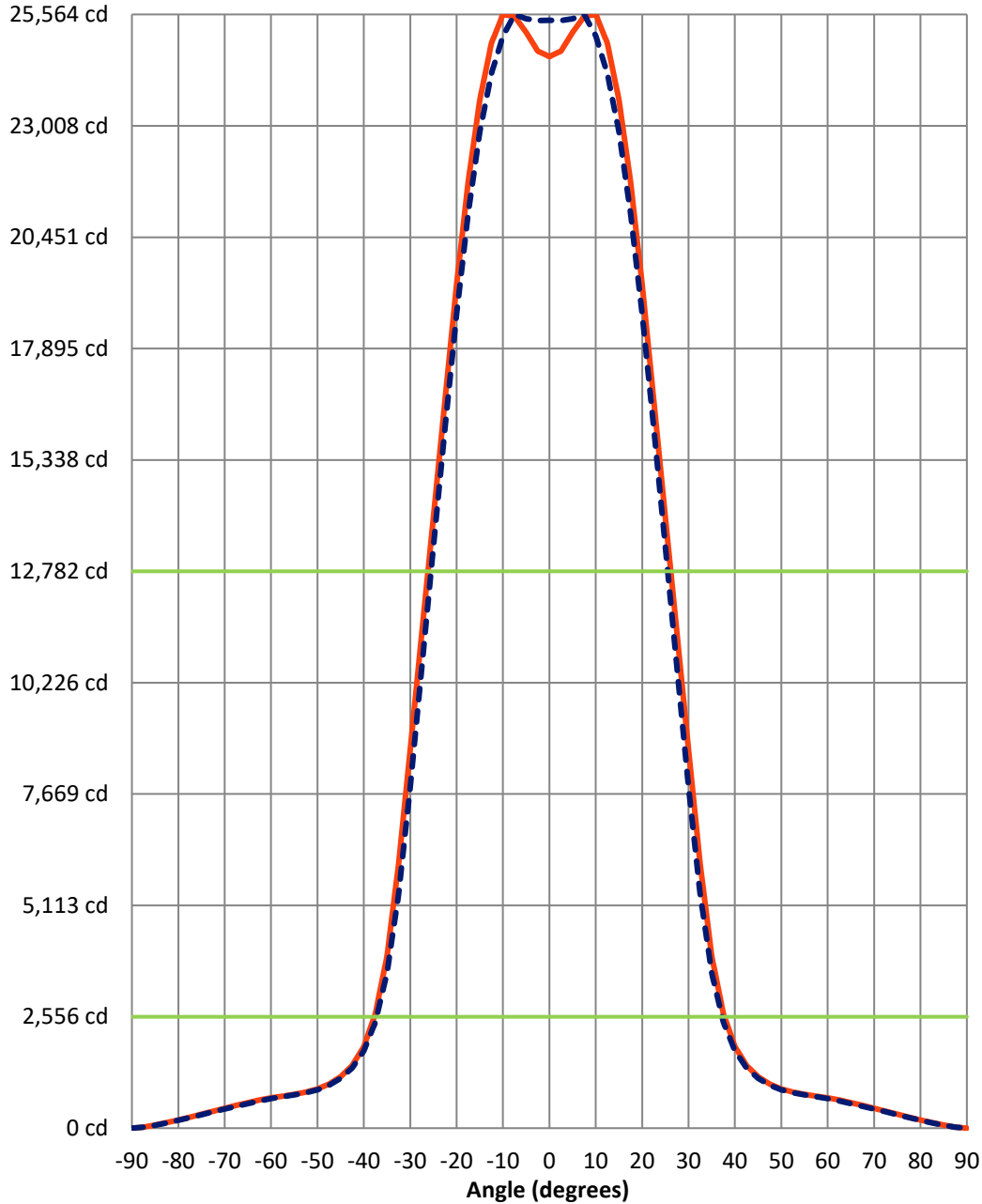
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 14441.3  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 18777.8  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2979.6  
 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	2.9	3.9	4.8	5.8	7.1	8.4	9.8	11.3
85°	0.0	2.0	3.9	5.8	7.8	9.7	11.6	14.1	16.8	19.6	22.6
82.5°	0.0	2.9	5.8	8.7	11.6	14.5	17.3	21.1	25.6	32.3	38.6
80°	0.0	3.9	7.8	11.6	15.5	19.3	23.9	32.9	41.5	49.7	57.4
77.5°	0.0	4.8	9.7	14.5	19.3	26.0	36.4	47.1	57.4	67.0	77.4
75°	0.0	5.8	11.6	17.3	23.9	36.4	48.8	61.2	73.4	87.5	101.3
72.5°	0.0	6.7	13.5	20.2	32.1	46.6	61.0	76.0	92.6	109.0	125.1
70°	0.0	7.7	15.3	23.6	40.2	56.7	73.4	92.6	111.5	130.2	149.8
67.5°	0.0	8.6	17.1	29.5	48.2	66.7	87.4	109.0	130.2	152.1	174.5
65°	0.0	9.5	18.9	35.4	56.0	77.2	101.0	125.1	149.1	173.6	199.6
62.5°	0.0	10.3	20.7	41.2	63.7	88.2	114.4	141.0	167.5	195.2	226.6
60°	0.0	11.2	22.4	46.8	71.2	98.9	127.4	156.5	185.4	218.6	252.8
57.5°	0.0	12.0	26.0	52.3	79.4	109.3	140.4	171.5	204.9	241.3	277.6
55°	0.0	12.8	29.5	57.7	87.4	119.4	153.2	186.3	224.2	263.2	301.3
52.5°	0.0	13.6	32.9	62.9	95.1	129.2	165.6	202.5	242.9	283.9	324.4
50°	0.0	14.4	36.1	67.9	102.5	139.4	177.8	218.3	260.9	304.0	346.8
47.5°	0.0	15.1	39.2	72.9	109.7	149.2	189.7	233.5	278.1	323.4	368.3
45°	0.0	15.8	42.2	78.0	116.5	158.8	202.1	248.0	294.7	342.1	389.1
42.5°	0.0	16.5	45.0	82.8	122.9	167.9	213.9	261.8	310.5	359.9	408.7
40°	0.0	17.2	47.7	87.3	129.5	176.7	225.1	274.8	325.6	377.0	427.6
37.5°	0.0	17.8	50.2	91.5	136.2	185.1	235.6	287.1	340.2	393.5	445.7
35°	0.0	18.3	52.6	95.4	142.5	193.3	245.5	298.6	354.1	408.9	462.7
32.5°	0.0	18.9	54.7	99.1	148.5	201.0	254.7	309.3	367.2	423.2	477.6
30°	0.0	19.4	56.7	102.5	154.1	208.2	263.2	319.4	379.6	436.4	491.5
27.5°	0.0	19.9	58.6	105.6	159.1	214.8	271.1	329.3	390.9	448.5	504.3
25°	0.0	20.3	60.3	108.5	163.6	220.8	278.2	338.5	400.8	459.1	516.1
22.5°	0.0	20.7	61.7	111.1	167.6	226.2	284.6	346.9	409.6	468.6	526.7
20°	0.0	21.0	63.1	113.4	171.3	230.8	290.2	354.4	417.4	477.1	536.2
17.5°	0.0	21.4	64.2	115.3	174.4	234.7	295.3	361.2	424.2	484.5	544.5
15°	0.0	21.6	65.1	117.0	177.1	238.2	299.9	367.2	429.9	490.8	551.6
12.5°	0.0	21.9	65.9	118.4	179.4	241.0	303.9	372.6	435.0	496.1	557.5
10°	0.0	22.1	66.5	119.5	181.1	243.2	307.2	376.9	439.5	501.0	562.5
7.5°	0.0	22.2	66.9	120.3	182.4	244.8	309.8	380.4	442.9	504.9	567.0
5°	0.0	22.3	67.1	120.8	183.2	245.9	311.7	382.8	445.4	507.7	570.2
2.5°	0.0	22.4	67.2	120.9	183.6	246.3	312.8	384.3	446.9	509.4	572.1
0°	0.0	22.4	67.1	120.8	183.4	246.1	313.2	384.8	447.4	510.0	572.7
-2.5°	0.0	22.4	67.2	120.9	183.6	246.3	312.8	384.3	446.9	509.4	572.1
-5°	0.0	22.3	67.1	120.8	183.2	245.9	311.7	382.8	445.4	507.7	570.2
-7.5°	0.0	22.2	66.9	120.3	182.4	244.8	309.8	380.4	442.9	504.9	567.0
-10°	0.0	22.1	66.5	119.5	181.1	243.2	307.2	376.9	439.5	501.0	562.5
-12.5°	0.0	21.9	65.9	118.4	179.4	241.0	303.9	372.6	435.0	496.1	557.5
-15°	0.0	21.6	65.1	117.0	177.1	238.2	299.9	367.2	429.9	490.8	551.6
-17.5°	0.0	21.4	64.2	115.3	174.4	234.7	295.3	361.2	424.2	484.5	544.5
-20°	0.0	21.0	63.1	113.4	171.3	230.8	290.2	354.4	417.4	477.1	536.2

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CATALOG NUMBER: GFLD-SA3D-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	20.7	61.7	111.1	167.6	226.2	284.6	346.9	409.6	468.6	526.7
-25°	0.0	20.3	60.3	108.5	163.6	220.8	278.2	338.5	400.8	459.1	516.1
-27.5°	0.0	19.9	58.6	105.6	159.1	214.8	271.1	329.3	390.9	448.5	504.3
-30°	0.0	19.4	56.7	102.5	154.1	208.2	263.2	319.4	379.6	436.4	491.5
-32.5°	0.0	18.9	54.7	99.1	148.5	201.0	254.7	309.3	367.2	423.2	477.6
-35°	0.0	18.3	52.6	95.4	142.5	193.3	245.5	298.6	354.1	408.9	462.7
-37.5°	0.0	17.8	50.2	91.5	136.2	185.1	235.6	287.1	340.2	393.5	445.7
-40°	0.0	17.2	47.7	87.3	129.5	176.7	225.1	274.8	325.6	377.0	427.6
-42.5°	0.0	16.5	45.0	82.8	122.9	167.9	213.9	261.8	310.5	359.9	408.7
-45°	0.0	15.8	42.2	78.0	116.5	158.8	202.1	248.0	294.7	342.1	389.1
-47.5°	0.0	15.1	39.2	72.9	109.7	149.2	189.7	233.5	278.1	323.4	368.3
-50°	0.0	14.4	36.1	67.9	102.5	139.4	177.8	218.3	260.9	304.0	346.8
-52.5°	0.0	13.6	32.9	62.9	95.1	129.2	165.6	202.5	242.9	283.9	324.4
-55°	0.0	12.8	29.5	57.7	87.4	119.4	153.2	186.3	224.2	263.2	301.3
-57.5°	0.0	12.0	26.0	52.3	79.4	109.3	140.4	171.5	204.9	241.3	277.6
-60°	0.0	11.2	22.4	46.8	71.2	98.9	127.4	156.5	185.4	218.6	252.8
-62.5°	0.0	10.3	20.7	41.2	63.7	88.2	114.4	141.0	167.5	195.2	226.6
-65°	0.0	9.5	18.9	35.4	56.0	77.2	101.0	125.1	149.1	173.6	199.6
-67.5°	0.0	8.6	17.1	29.5	48.2	66.7	87.4	109.0	130.2	152.1	174.5
-70°	0.0	7.7	15.3	23.6	40.2	56.7	73.4	92.6	111.5	130.2	149.8
-72.5°	0.0	6.7	13.5	20.2	32.1	46.6	61.0	76.0	92.6	109.0	125.1
-75°	0.0	5.8	11.6	17.3	23.9	36.4	48.8	61.2	73.4	87.5	101.3
-77.5°	0.0	4.8	9.7	14.5	19.3	26.0	36.4	47.1	57.4	67.0	77.4
-80°	0.0	3.9	7.8	11.6	15.5	19.3	23.9	32.9	41.5	49.7	57.4
-82.5°	0.0	2.9	5.8	8.7	11.6	14.5	17.3	21.1	25.6	32.3	38.6
-85°	0.0	2.0	3.9	5.8	7.8	9.7	11.6	14.1	16.8	19.6	22.6
-87.5°	0.0	1.0	2.0	2.9	3.9	4.8	5.8	7.1	8.4	9.8	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.4	13.4	14.4	15.4	16.3	17.2	18.1	18.9	19.8	20.5	21.3
85°	24.7	26.8	30.3	34.0	37.5	40.8	44.1	47.2	50.2	53.0	55.7
82.5°	44.3	50.1	56.1	62.1	67.4	72.4	77.4	82.4	87.5	92.6	97.6
80°	65.2	73.3	82.6	91.3	99.0	106.3	113.3	120.1	127.5	135.4	143.4
77.5°	89.3	100.8	111.6	121.8	131.5	142.2	152.5	162.4	172.7	182.9	192.7
75°	115.1	128.2	142.1	155.7	169.0	181.8	194.3	207.0	219.9	232.7	245.0
72.5°	141.8	158.5	174.8	190.7	207.1	223.1	238.6	253.5	268.9	284.6	299.5
70°	169.5	188.6	208.7	228.0	246.5	265.2	284.1	302.3	320.1	338.3	356.3
67.5°	197.5	221.4	244.0	265.5	287.3	309.3	330.6	352.4	373.4	394.6	414.8
65°	228.2	254.3	279.1	303.7	328.5	354.3	379.4	403.7	428.1	451.8	473.0
62.5°	258.4	286.1	313.5	341.6	371.0	400.0	427.5	455.4	483.8	508.5	530.0
60°	286.1	316.9	347.6	379.5	412.1	443.3	474.1	504.4	534.9	563.4	580.9
57.5°	312.9	347.0	380.9	415.3	449.6	484.5	516.8	550.1	578.5	602.5	622.9
55°	339.0	376.0	412.2	448.2	485.3	521.7	556.9	588.5	616.3	636.3	655.9
52.5°	364.4	403.4	440.7	479.8	519.2	557.8	594.6	623.9	646.6	667.1	685.4
50°	389.0	428.7	468.1	510.4	552.0	592.9	627.5	653.1	676.3	696.2	715.4
47.5°	412.0	453.4	495.6	540.1	583.9	623.3	655.1	682.0	705.7	727.1	749.9
45°	434.2	478.1	522.7	568.6	613.3	651.5	682.2	711.2	733.2	757.5	783.6
42.5°	455.8	501.9	548.6	596.0	641.2	676.9	707.5	734.1	760.0	788.7	820.3
40°	476.2	524.3	573.0	622.4	667.5	699.1	729.1	757.2	788.7	822.9	859.5
37.5°	495.5	545.4	595.9	647.2	686.8	719.4	750.1	781.4	818.1	857.7	907.3
35°	513.5	565.0	617.3	666.5	704.2	738.7	770.4	805.4	848.3	900.0	963.4
32.5°	530.1	583.1	636.9	682.1	720.1	756.0	788.6	832.2	883.7	945.2	1035.2
30°	545.5	599.7	653.7	697.5	734.5	770.5	810.2	859.4	919.6	1009.5	1124.5
27.5°	559.7	614.8	666.9	710.2	747.4	784.5	830.9	890.5	969.8	1077.1	1220.0
25°	572.8	629.2	679.5	720.9	759.3	800.4	850.9	918.0	1022.2	1160.7	1353.9
22.5°	584.6	642.2	691.6	730.1	770.4	815.0	874.0	957.8	1078.0	1239.7	1488.9
20°	595.1	652.1	700.7	738.9	780.7	827.1	894.5	995.6	1140.5	1350.0	1668.1
17.5°	604.4	660.7	707.5	747.3	790.8	840.8	914.5	1028.3	1196.1	1446.1	1849.2
15°	612.3	668.0	713.2	754.4	799.6	856.5	942.3	1071.1	1260.6	1546.2	2007.0
12.5°	618.9	674.1	717.9	760.3	806.8	869.6	966.1	1111.4	1327.6	1669.1	2239.6
10°	624.1	678.9	721.5	764.8	812.4	880.1	985.4	1144.4	1383.1	1775.5	2438.0
7.5°	628.9	682.4	724.0	768.1	816.5	887.9	1000.0	1169.8	1425.7	1859.1	2595.1
5°	632.5	684.5	725.4	769.9	819.8	893.1	1010.0	1187.5	1455.1	1918.8	2705.5
2.5°	634.6	685.2	725.6	770.4	822.3	895.3	1015.2	1197.2	1478.2	1947.1	2764.9
0°	635.3	684.5	724.8	769.5	823.2	894.8	1015.6	1199.0	1489.8	1946.1	2773.8
-2.5°	634.6	685.2	725.6	770.4	822.3	895.3	1015.2	1197.2	1478.2	1947.1	2764.9
-5°	632.5	684.5	725.4	769.9	819.8	893.1	1010.0	1187.5	1455.1	1918.8	2705.5
-7.5°	628.9	682.4	724.0	768.1	816.5	887.9	1000.0	1169.8	1425.7	1859.1	2595.1
-10°	624.1	678.9	721.5	764.8	812.4	880.1	985.4	1144.4	1383.1	1775.5	2438.0
-12.5°	618.9	674.1	717.9	760.3	806.8	869.6	966.1	1111.4	1327.6	1669.1	2239.6
-15°	612.3	668.0	713.2	754.4	799.6	856.5	942.3	1071.1	1260.6	1546.2	2007.0
-17.5°	604.4	660.7	707.5	747.3	790.8	840.8	914.5	1028.3	1196.1	1446.1	1849.2
-20°	595.1	652.1	700.7	738.9	780.7	827.1	894.5	995.6	1140.5	1350.0	1668.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	584.6	642.2	691.6	730.1	770.4	815.0	874.0	957.8	1078.0	1239.7	1488.9
-25°	572.8	629.2	679.5	720.9	759.3	800.4	850.9	918.0	1022.2	1160.7	1353.9
-27.5°	559.7	614.8	666.9	710.2	747.4	784.5	830.9	890.5	969.8	1077.1	1220.0
-30°	545.5	599.7	653.7	697.5	734.5	770.5	810.2	859.4	919.6	1009.5	1124.5
-32.5°	530.1	583.1	636.9	682.1	720.1	756.0	788.6	832.2	883.7	945.2	1035.2
-35°	513.5	565.0	617.3	666.5	704.2	738.7	770.4	805.4	848.3	900.0	963.4
-37.5°	495.5	545.4	595.9	647.2	686.8	719.4	750.1	781.4	818.1	857.7	907.3
-40°	476.2	524.3	573.0	622.4	667.5	699.1	729.1	757.2	788.7	822.9	859.5
-42.5°	455.8	501.9	548.6	596.0	641.2	676.9	707.5	734.1	760.0	788.7	820.3
-45°	434.2	478.1	522.7	568.6	613.3	651.5	682.2	711.2	733.2	757.5	783.6
-47.5°	412.0	453.4	495.6	540.1	583.9	623.3	655.1	682.0	705.7	727.1	749.9
-50°	389.0	428.7	468.1	510.4	552.0	592.9	627.5	653.1	676.3	696.2	715.4
-52.5°	364.4	403.4	440.7	479.8	519.2	557.8	594.6	623.9	646.6	667.1	685.4
-55°	339.0	376.0	412.2	448.2	485.3	521.7	556.9	588.5	616.3	636.3	655.9
-57.5°	312.9	347.0	380.9	415.3	449.6	484.5	516.8	550.1	578.5	602.5	622.9
-60°	286.1	316.9	347.6	379.5	412.1	443.3	474.1	504.4	534.9	563.4	580.9
-62.5°	258.4	286.1	313.5	341.6	371.0	400.0	427.5	455.4	483.8	508.5	530.0
-65°	228.2	254.3	279.1	303.7	328.5	354.3	379.4	403.7	428.1	451.8	473.0
-67.5°	197.5	221.4	244.0	265.5	287.3	309.3	330.6	352.4	373.4	394.6	414.8
-70°	169.5	188.6	208.7	228.0	246.5	265.2	284.1	302.3	320.1	338.3	356.3
-72.5°	141.8	158.5	174.8	190.7	207.1	223.1	238.6	253.5	268.9	284.6	299.5
-75°	115.1	128.2	142.1	155.7	169.0	181.8	194.3	207.0	219.9	232.7	245.0
-77.5°	89.3	100.8	111.6	121.8	131.5	142.2	152.5	162.4	172.7	182.9	192.7
-80°	65.2	73.3	82.6	91.3	99.0	106.3	113.3	120.1	127.5	135.4	143.4
-82.5°	44.3	50.1	56.1	62.1	67.4	72.4	77.4	82.4	87.5	92.6	97.6
-85°	24.7	26.8	30.3	34.0	37.5	40.8	44.1	47.2	50.2	53.0	55.7
-87.5°	12.4	13.4	14.4	15.4	16.3	17.2	18.1	18.9	19.8	20.5	21.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	22.0	21.7	21.3	20.9	20.3	21.7	23.1	24.5	25.9	25.1	24.2
85°	58.2	59.6	60.7	61.6	62.4	65.2	67.9	70.4	72.7	72.7	72.4
82.5°	102.5	105.8	108.6	111.1	113.4	116.6	119.5	122.1	124.2	125.8	127.1
80°	151.0	156.4	160.9	165.1	168.8	173.1	177.1	180.7	183.8	185.5	186.5
77.5°	202.3	210.1	217.1	223.8	230.1	236.4	242.1	247.2	251.6	252.6	252.4
75°	256.6	267.1	276.9	286.1	294.5	301.7	307.9	313.0	317.3	319.3	320.5
72.5°	313.8	326.7	338.3	348.7	357.7	365.2	371.7	377.3	382.0	385.0	386.8
70°	373.4	388.7	400.6	410.5	418.2	425.6	433.9	441.9	449.3	453.5	455.1
67.5°	433.2	449.1	460.0	469.0	476.0	483.3	493.8	503.3	511.7	517.4	521.0
65°	491.8	508.5	519.5	528.0	534.5	541.8	553.5	562.9	570.1	575.8	580.9
62.5°	549.7	566.5	578.7	588.9	598.3	606.3	616.0	623.8	630.0	635.6	641.9
60°	599.8	619.8	632.6	642.9	654.5	667.1	674.2	680.1	685.2	689.7	693.6
57.5°	640.7	658.5	675.0	687.4	699.5	711.2	719.6	725.1	729.6	732.9	734.2
55°	675.0	693.4	711.7	725.2	737.1	748.0	757.2	764.4	770.4	775.1	776.2
52.5°	705.7	726.3	744.4	759.9	775.7	788.5	798.6	808.4	817.0	823.9	826.9
50°	739.1	760.7	783.2	804.0	820.8	835.5	847.7	861.6	876.2	888.3	895.9
47.5°	774.2	799.1	826.3	851.9	871.7	893.5	913.9	934.5	961.6	984.4	1001.3
45°	811.0	843.0	873.9	906.5	933.9	975.0	1013.2	1046.0	1089.5	1129.0	1160.3
42.5°	854.4	894.2	932.2	984.4	1039.0	1095.1	1155.8	1207.5	1275.6	1344.9	1400.8
40°	905.8	956.7	1023.6	1093.7	1179.9	1257.1	1361.8	1455.1	1559.6	1691.6	1800.7
37.5°	967.6	1046.0	1139.2	1236.8	1371.3	1499.7	1672.8	1855.2	2020.7	2274.7	2488.5
35°	1048.0	1157.6	1280.3	1453.1	1643.3	1884.0	2154.0	2506.3	2808.4	3237.0	3646.5
32.5°	1151.6	1292.5	1492.8	1759.5	2040.7	2477.7	2906.2	3517.9	4084.3	4763.5	5496.6
30°	1266.9	1481.3	1787.3	2153.1	2677.7	3320.6	4075.9	5015.4	6043.5	6998.2	7938.9
27.5°	1433.9	1741.2	2143.1	2733.4	3551.0	4450.4	5773.7	7049.1	8379.7	9562.4	10548.9
25°	1629.0	2035.0	2656.5	3525.8	4631.5	6171.6	7755.6	9329.7	10760.6	11998.9	13088.8
22.5°	1880.8	2464.8	3293.4	4419.2	6141.1	7987.0	9844.5	11580.7	13107.1	14485.9	15665.8
20°	2154.7	2885.5	4068.7	5747.7	7716.8	9819.7	11917.0	13766.4	15447.1	17010.5	18340.3
17.5°	2501.9	3525.3	5023.7	7037.8	9314.4	11618.5	13821.8	15828.8	17735.6	19389.9	20779.3
15°	2797.8	4088.8	6044.4	8406.6	10869.0	13299.5	15625.7	17805.6	19788.1	21485.5	22791.6
12.5°	3192.4	4720.4	6950.6	9583.2	12251.7	14809.1	17259.3	19512.4	21529.8	23208.6	24225.4
10°	3565.5	5374.2	7826.5	10571.9	13344.3	16069.1	18685.2	20995.9	22869.1	24204.5	25071.1
7.5°	3882.6	5936.1	8538.9	11371.1	14212.3	17061.1	19709.3	21957.6	23684.8	24800.0	25403.2
5°	4119.5	6356.2	9067.8	12020.5	14936.0	17834.8	20462.3	22573.0	24065.7	24894.2	25197.1
2.5°	4270.4	6602.9	9374.7	12446.6	15420.3	18324.3	20978.8	23056.4	24322.9	24872.0	24924.2
0°	4330.7	6634.8	9422.0	12670.1	15542.3	18463.8	21125.8	23255.3	24418.6	24870.4	24861.5
-2.5°	4270.4	6602.9	9374.7	12446.6	15420.3	18324.3	20978.8	23056.4	24322.9	24872.0	24924.2
-5°	4119.5	6356.2	9067.8	12020.5	14936.0	17834.8	20462.3	22573.0	24065.7	24894.2	25197.1
-7.5°	3882.6	5936.1	8538.9	11371.1	14212.3	17061.1	19709.3	21957.6	23684.8	24800.0	25403.2
-10°	3565.5	5374.2	7826.5	10571.9	13344.3	16069.1	18685.2	20995.9	22869.1	24204.5	25071.1
-12.5°	3192.4	4720.4	6950.6	9583.2	12251.7	14809.1	17259.3	19512.4	21529.8	23208.6	24225.4
-15°	2797.8	4088.8	6044.4	8406.6	10869.0	13299.5	15625.7	17805.6	19788.1	21485.5	22791.6
-17.5°	2501.9	3525.3	5023.7	7037.8	9314.4	11618.5	13821.8	15828.8	17735.6	19389.9	20779.3
-20°	2154.7	2885.5	4068.7	5747.7	7716.8	9819.7	11917.0	13766.4	15447.1	17010.5	18340.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1880.8	2464.8	3293.4	4419.2	6141.1	7987.0	9844.5	11580.7	13107.1	14485.9	15665.8
-25°	1629.0	2035.0	2656.5	3525.8	4631.5	6171.6	7755.6	9329.7	10760.6	11998.9	13088.8
-27.5°	1433.9	1741.2	2143.1	2733.4	3551.0	4450.4	5773.7	7049.1	8379.7	9562.4	10548.9
-30°	1266.9	1481.3	1787.3	2153.1	2677.7	3320.6	4075.9	5015.4	6043.5	6998.2	7938.9
-32.5°	1151.6	1292.5	1492.8	1759.5	2040.7	2477.7	2906.2	3517.9	4084.3	4763.5	5496.6
-35°	1048.0	1157.6	1280.3	1453.1	1643.3	1884.0	2154.0	2506.3	2808.4	3237.0	3646.5
-37.5°	967.6	1046.0	1139.2	1236.8	1371.3	1499.7	1672.8	1855.2	2020.7	2274.7	2488.5
-40°	905.8	956.7	1023.6	1093.7	1179.9	1257.1	1361.8	1455.1	1559.6	1691.6	1800.7
-42.5°	854.4	894.2	932.2	984.4	1039.0	1095.1	1155.8	1207.5	1275.6	1344.9	1400.8
-45°	811.0	843.0	873.9	906.5	933.9	975.0	1013.2	1046.0	1089.5	1129.0	1160.3
-47.5°	774.2	799.1	826.3	851.9	871.7	893.5	913.9	934.5	961.6	984.4	1001.3
-50°	739.1	760.7	783.2	804.0	820.8	835.5	847.7	861.6	876.2	888.3	895.9
-52.5°	705.7	726.3	744.4	759.9	775.7	788.5	798.6	808.4	817.0	823.9	826.9
-55°	675.0	693.4	711.7	725.2	737.1	748.0	757.2	764.4	770.4	775.1	776.2
-57.5°	640.7	658.5	675.0	687.4	699.5	711.2	719.6	725.1	729.6	732.9	734.2
-60°	599.8	619.8	632.6	642.9	654.5	667.1	674.2	680.1	685.2	689.7	693.6
-62.5°	549.7	566.5	578.7	588.9	598.3	606.3	616.0	623.8	630.0	635.6	641.9
-65°	491.8	508.5	519.5	528.0	534.5	541.8	553.5	562.9	570.1	575.8	580.9
-67.5°	433.2	449.1	460.0	469.0	476.0	483.3	493.8	503.3	511.7	517.4	521.0
-70°	373.4	388.7	400.6	410.5	418.2	425.6	433.9	441.9	449.3	453.5	455.1
-72.5°	313.8	326.7	338.3	348.7	357.7	365.2	371.7	377.3	382.0	385.0	386.8
-75°	256.6	267.1	276.9	286.1	294.5	301.7	307.9	313.0	317.3	319.3	320.5
-77.5°	202.3	210.1	217.1	223.8	230.1	236.4	242.1	247.2	251.6	252.6	252.4
-80°	151.0	156.4	160.9	165.1	168.8	173.1	177.1	180.7	183.8	185.5	186.5
-82.5°	102.5	105.8	108.6	111.1	113.4	116.6	119.5	122.1	124.2	125.8	127.1
-85°	58.2	59.6	60.7	61.6	62.4	65.2	67.9	70.4	72.7	72.7	72.4
-87.5°	22.0	21.7	21.3	20.9	20.3	21.7	23.1	24.5	25.9	25.1	24.2
-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: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	23.3	22.3	22.4	22.4	22.4	22.3	23.3	24.2	25.1	25.9	24.5
85°	71.9	71.2	69.3	67.1	69.3	71.2	71.9	72.4	72.7	72.7	70.4
82.5°	128.2	129.0	127.4	125.3	127.4	129.0	128.2	127.1	125.8	124.2	122.1
80°	187.0	187.0	185.5	183.4	185.5	187.0	187.0	186.5	185.5	183.8	180.7
77.5°	251.3	249.5	250.2	250.5	250.2	249.5	251.3	252.4	252.6	251.6	247.2
75°	320.9	320.6	319.5	317.6	319.5	320.6	320.9	320.5	319.3	317.3	313.0
72.5°	387.6	387.6	386.6	384.8	386.6	387.6	387.6	386.8	385.0	382.0	377.3
70°	455.4	454.6	455.8	456.3	455.8	454.6	455.4	455.1	453.5	449.3	441.9
67.5°	523.7	525.5	525.2	523.4	525.2	525.5	523.7	521.0	517.4	511.7	503.3
65°	585.0	588.1	589.9	590.6	589.9	588.1	585.0	580.9	575.8	570.1	562.9
62.5°	646.8	650.4	650.5	648.7	650.5	650.4	646.8	641.9	635.6	630.0	623.8
60°	695.8	696.3	695.5	693.5	695.5	696.3	695.8	693.6	689.7	685.2	680.1
57.5°	734.2	732.9	731.4	729.2	731.4	732.9	734.2	734.2	732.9	729.6	725.1
55°	775.6	773.5	771.6	769.5	771.6	773.5	775.6	776.2	775.1	770.4	764.4
52.5°	827.6	826.4	825.1	823.2	825.1	826.4	827.6	826.9	823.9	817.0	808.4
50°	899.7	900.9	900.8	899.3	900.8	900.9	899.7	895.9	888.3	876.2	861.6
47.5°	1012.0	1018.0	1022.1	1024.5	1022.1	1018.0	1012.0	1001.3	984.4	961.6	934.5
45°	1180.4	1192.4	1200.9	1208.0	1200.9	1192.4	1180.4	1160.3	1129.0	1089.5	1046.0
42.5°	1440.2	1467.0	1479.6	1476.4	1479.6	1467.0	1440.2	1400.8	1344.9	1275.6	1207.5
40°	1873.4	1916.6	1940.5	1959.6	1940.5	1916.6	1873.4	1800.7	1691.6	1559.6	1455.1
37.5°	2634.4	2718.2	2762.3	2800.7	2762.3	2718.2	2634.4	2488.5	2274.7	2020.7	1855.2
35°	3952.5	4141.0	4242.0	4277.0	4242.0	4141.0	3952.5	3646.5	3237.0	2808.4	2506.3
32.5°	6067.0	6414.7	6607.0	6755.6	6607.0	6414.7	6067.0	5496.6	4763.5	4084.3	3517.9
30°	8683.8	9141.9	9396.3	9520.5	9396.3	9141.9	8683.8	7938.9	6998.2	6043.5	5015.4
27.5°	11366.5	11887.2	12161.4	12146.6	12161.4	11887.2	11366.5	10548.9	9562.4	8379.7	7049.1
25°	14023.2	14626.3	14899.5	15144.2	14899.5	14626.3	14023.2	13088.8	11998.9	10760.6	9329.7
22.5°	16710.1	17415.3	17800.1	17980.6	17800.1	17415.3	16710.1	15665.8	14485.9	13107.1	11580.7
20°	19365.1	20150.2	20558.7	20736.5	20558.7	20150.2	19365.1	18340.3	17010.5	15447.1	13766.4
17.5°	21719.8	22486.2	22875.6	23040.6	22875.6	22486.2	21719.8	20779.3	19389.9	17735.6	15828.8
15°	23600.0	24165.2	24496.4	24584.1	24496.4	24165.2	23600.0	22791.6	21485.5	19788.1	17805.6
12.5°	24899.7	25118.6	25277.9	25326.8	25277.9	25118.6	24899.7	24225.4	23208.6	21529.8	19512.4
10°	25564.1	25465.3	25424.4	25429.7	25424.4	25465.3	25564.1	25071.1	24204.5	22869.1	20995.9
7.5°	25518.4	25372.1	25078.3	25031.5	25078.3	25372.1	25518.4	25403.2	24800.0	23684.8	21957.6
5°	25151.8	24885.4	24397.7	24257.5	24397.7	24885.4	25151.8	25197.1	24894.2	24065.7	22573.0
2.5°	24724.5	24244.3	23795.0	23505.9	23795.0	24244.3	24724.5	24924.2	24872.0	24322.9	23056.4
0°	24597.5	24042.7	23461.1	23273.2	23461.1	24042.7	24597.5	24861.5	24870.4	24418.6	23255.3
-2.5°	24724.5	24244.3	23795.0	23505.9	23795.0	24244.3	24724.5	24924.2	24872.0	24322.9	23056.4
-5°	25151.8	24885.4	24397.7	24257.5	24397.7	24885.4	25151.8	25197.1	24894.2	24065.7	22573.0
-7.5°	25518.4	25372.1	25078.3	25031.5	25078.3	25372.1	25518.4	25403.2	24800.0	23684.8	21957.6
-10°	25564.1	25465.3	25424.4	25429.7	25424.4	25465.3	25564.1	25071.1	24204.5	22869.1	20995.9
-12.5°	24899.7	25118.6	25277.9	25326.8	25277.9	25118.6	24899.7	24225.4	23208.6	21529.8	19512.4
-15°	23600.0	24165.2	24496.4	24584.1	24496.4	24165.2	23600.0	22791.6	21485.5	19788.1	17805.6
-17.5°	21719.8	22486.2	22875.6	23040.6	22875.6	22486.2	21719.8	20779.3	19389.9	17735.6	15828.8
-20°	19365.1	20150.2	20558.7	20736.5	20558.7	20150.2	19365.1	18340.3	17010.5	15447.1	13766.4



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	16710.1	17415.3	17800.1	17980.6	17800.1	17415.3	16710.1	15665.8	14485.9	13107.1	11580.7
-25°	14023.2	14626.3	14899.5	15144.2	14899.5	14626.3	14023.2	13088.8	11998.9	10760.6	9329.7
-27.5°	11366.5	11887.2	12161.4	12146.6	12161.4	11887.2	11366.5	10548.9	9562.4	8379.7	7049.1
-30°	8683.8	9141.9	9396.3	9520.5	9396.3	9141.9	8683.8	7938.9	6998.2	6043.5	5015.4
-32.5°	6067.0	6414.7	6607.0	6755.6	6607.0	6414.7	6067.0	5496.6	4763.5	4084.3	3517.9
-35°	3952.5	4141.0	4242.0	4277.0	4242.0	4141.0	3952.5	3646.5	3237.0	2808.4	2506.3
-37.5°	2634.4	2718.2	2762.3	2800.7	2762.3	2718.2	2634.4	2488.5	2274.7	2020.7	1855.2
-40°	1873.4	1916.6	1940.5	1959.6	1940.5	1916.6	1873.4	1800.7	1691.6	1559.6	1455.1
-42.5°	1440.2	1467.0	1479.6	1476.4	1479.6	1467.0	1440.2	1400.8	1344.9	1275.6	1207.5
-45°	1180.4	1192.4	1200.9	1208.0	1200.9	1192.4	1180.4	1160.3	1129.0	1089.5	1046.0
-47.5°	1012.0	1018.0	1022.1	1024.5	1022.1	1018.0	1012.0	1001.3	984.4	961.6	934.5
-50°	899.7	900.9	900.8	899.3	900.8	900.9	899.7	895.9	888.3	876.2	861.6
-52.5°	827.6	826.4	825.1	823.2	825.1	826.4	827.6	826.9	823.9	817.0	808.4
-55°	775.6	773.5	771.6	769.5	771.6	773.5	775.6	776.2	775.1	770.4	764.4
-57.5°	734.2	732.9	731.4	729.2	731.4	732.9	734.2	734.2	732.9	729.6	725.1
-60°	695.8	696.3	695.5	693.5	695.5	696.3	695.8	693.6	689.7	685.2	680.1
-62.5°	646.8	650.4	650.5	648.7	650.5	650.4	646.8	641.9	635.6	630.0	623.8
-65°	585.0	588.1	589.9	590.6	589.9	588.1	585.0	580.9	575.8	570.1	562.9
-67.5°	523.7	525.5	525.2	523.4	525.2	525.5	523.7	521.0	517.4	511.7	503.3
-70°	455.4	454.6	455.8	456.3	455.8	454.6	455.4	455.1	453.5	449.3	441.9
-72.5°	387.6	387.6	386.6	384.8	386.6	387.6	387.6	386.8	385.0	382.0	377.3
-75°	320.9	320.6	319.5	317.6	319.5	320.6	320.9	320.5	319.3	317.3	313.0
-77.5°	251.3	249.5	250.2	250.5	250.2	249.5	251.3	252.4	252.6	251.6	247.2
-80°	187.0	187.0	185.5	183.4	185.5	187.0	187.0	186.5	185.5	183.8	180.7
-82.5°	128.2	129.0	127.4	125.3	127.4	129.0	128.2	127.1	125.8	124.2	122.1
-85°	71.9	71.2	69.3	67.1	69.3	71.2	71.9	72.4	72.7	72.7	70.4
-87.5°	23.3	22.3	22.4	22.4	22.4	22.3	23.3	24.2	25.1	25.9	24.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	23.1	21.7	20.3	20.9	21.3	21.7	22.0	21.3	20.5	19.8	18.9
85°	67.9	65.2	62.4	61.6	60.7	59.6	58.2	55.7	53.0	50.2	47.2
82.5°	119.5	116.6	113.4	111.1	108.6	105.8	102.5	97.6	92.6	87.5	82.4
80°	177.1	173.1	168.8	165.1	160.9	156.4	151.0	143.4	135.4	127.5	120.1
77.5°	242.1	236.4	230.1	223.8	217.1	210.1	202.3	192.7	182.9	172.7	162.4
75°	307.9	301.7	294.5	286.1	276.9	267.1	256.6	245.0	232.7	219.9	207.0
72.5°	371.7	365.2	357.7	348.7	338.3	326.7	313.8	299.5	284.6	268.9	253.5
70°	433.9	425.6	418.2	410.5	400.6	388.7	373.4	356.3	338.3	320.1	302.3
67.5°	493.8	483.3	476.0	469.0	460.0	449.1	433.2	414.8	394.6	373.4	352.4
65°	553.5	541.8	534.5	528.0	519.5	508.5	491.8	473.0	451.8	428.1	403.7
62.5°	616.0	606.3	598.3	588.9	578.7	566.5	549.7	530.0	508.5	483.8	455.4
60°	674.2	667.1	654.5	642.9	632.6	619.8	599.8	580.9	563.4	534.9	504.4
57.5°	719.6	711.2	699.5	687.4	675.0	658.5	640.7	622.9	602.5	578.5	550.1
55°	757.2	748.0	737.1	725.2	711.7	693.4	675.0	655.9	636.3	616.3	588.5
52.5°	798.6	788.5	775.7	759.9	744.4	726.3	705.7	685.4	667.1	646.6	623.9
50°	847.7	835.5	820.8	804.0	783.2	760.7	739.1	715.4	696.2	676.3	653.1
47.5°	913.9	893.5	871.7	851.9	826.3	799.1	774.2	749.9	727.1	705.7	682.0
45°	1013.2	975.0	933.9	906.5	873.9	843.0	811.0	783.6	757.5	733.2	711.2
42.5°	1155.8	1095.1	1039.0	984.4	932.2	894.2	854.4	820.3	788.7	760.0	734.1
40°	1361.8	1257.1	1179.9	1093.7	1023.6	956.7	905.8	859.5	822.9	788.7	757.2
37.5°	1672.8	1499.7	1371.3	1236.8	1139.2	1046.0	967.6	907.3	857.7	818.1	781.4
35°	2154.0	1884.0	1643.3	1453.1	1280.3	1157.6	1048.0	963.4	900.0	848.3	805.4
32.5°	2906.2	2477.7	2040.7	1759.5	1492.8	1292.5	1151.6	1035.2	945.2	883.7	832.2
30°	4075.9	3320.6	2677.7	2153.1	1787.3	1481.3	1266.9	1124.5	1009.5	919.6	859.4
27.5°	5773.7	4450.4	3551.0	2733.4	2143.1	1741.2	1433.9	1220.0	1077.1	969.8	890.5
25°	7755.6	6171.6	4631.5	3525.8	2656.5	2035.0	1629.0	1353.9	1160.7	1022.2	918.0
22.5°	9844.5	7987.0	6141.1	4419.2	3293.4	2464.8	1880.8	1488.9	1239.7	1078.0	957.8
20°	11917.0	9819.7	7716.8	5747.7	4068.7	2885.5	2154.7	1668.1	1350.0	1140.5	995.6
17.5°	13821.8	11618.5	9314.4	7037.8	5023.7	3525.3	2501.9	1849.2	1446.1	1196.1	1028.3
15°	15625.7	13299.5	10869.0	8406.6	6044.4	4088.8	2797.8	2007.0	1546.2	1260.6	1071.1
12.5°	17259.3	14809.1	12251.7	9583.2	6950.6	4720.4	3192.4	2239.6	1669.1	1327.6	1111.4
10°	18685.2	16069.1	13344.3	10571.9	7826.5	5374.2	3565.5	2438.0	1775.5	1383.1	1144.4
7.5°	19709.3	17061.1	14212.3	11371.1	8538.9	5936.1	3882.6	2595.1	1859.1	1425.7	1169.8
5°	20462.3	17834.8	14936.0	12020.5	9067.8	6356.2	4119.5	2705.5	1918.8	1455.1	1187.5
2.5°	20978.8	18324.3	15420.3	12446.6	9374.7	6602.9	4270.4	2764.9	1947.1	1478.2	1197.2
0°	21125.8	18463.8	15542.3	12670.1	9422.0	6634.8	4330.7	2773.8	1946.1	1489.8	1199.0
-2.5°	20978.8	18324.3	15420.3	12446.6	9374.7	6602.9	4270.4	2764.9	1947.1	1478.2	1197.2
-5°	20462.3	17834.8	14936.0	12020.5	9067.8	6356.2	4119.5	2705.5	1918.8	1455.1	1187.5
-7.5°	19709.3	17061.1	14212.3	11371.1	8538.9	5936.1	3882.6	2595.1	1859.1	1425.7	1169.8
-10°	18685.2	16069.1	13344.3	10571.9	7826.5	5374.2	3565.5	2438.0	1775.5	1383.1	1144.4
-12.5°	17259.3	14809.1	12251.7	9583.2	6950.6	4720.4	3192.4	2239.6	1669.1	1327.6	1111.4
-15°	15625.7	13299.5	10869.0	8406.6	6044.4	4088.8	2797.8	2007.0	1546.2	1260.6	1071.1
-17.5°	13821.8	11618.5	9314.4	7037.8	5023.7	3525.3	2501.9	1849.2	1446.1	1196.1	1028.3
-20°	11917.0	9819.7	7716.8	5747.7	4068.7	2885.5	2154.7	1668.1	1350.0	1140.5	995.6



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	9844.5	7987.0	6141.1	4419.2	3293.4	2464.8	1880.8	1488.9	1239.7	1078.0	957.8
-25°	7755.6	6171.6	4631.5	3525.8	2656.5	2035.0	1629.0	1353.9	1160.7	1022.2	918.0
-27.5°	5773.7	4450.4	3551.0	2733.4	2143.1	1741.2	1433.9	1220.0	1077.1	969.8	890.5
-30°	4075.9	3320.6	2677.7	2153.1	1787.3	1481.3	1266.9	1124.5	1009.5	919.6	859.4
-32.5°	2906.2	2477.7	2040.7	1759.5	1492.8	1292.5	1151.6	1035.2	945.2	883.7	832.2
-35°	2154.0	1884.0	1643.3	1453.1	1280.3	1157.6	1048.0	963.4	900.0	848.3	805.4
-37.5°	1672.8	1499.7	1371.3	1236.8	1139.2	1046.0	967.6	907.3	857.7	818.1	781.4
-40°	1361.8	1257.1	1179.9	1093.7	1023.6	956.7	905.8	859.5	822.9	788.7	757.2
-42.5°	1155.8	1095.1	1039.0	984.4	932.2	894.2	854.4	820.3	788.7	760.0	734.1
-45°	1013.2	975.0	933.9	906.5	873.9	843.0	811.0	783.6	757.5	733.2	711.2
-47.5°	913.9	893.5	871.7	851.9	826.3	799.1	774.2	749.9	727.1	705.7	682.0
-50°	847.7	835.5	820.8	804.0	783.2	760.7	739.1	715.4	696.2	676.3	653.1
-52.5°	798.6	788.5	775.7	759.9	744.4	726.3	705.7	685.4	667.1	646.6	623.9
-55°	757.2	748.0	737.1	725.2	711.7	693.4	675.0	655.9	636.3	616.3	588.5
-57.5°	719.6	711.2	699.5	687.4	675.0	658.5	640.7	622.9	602.5	578.5	550.1
-60°	674.2	667.1	654.5	642.9	632.6	619.8	599.8	580.9	563.4	534.9	504.4
-62.5°	616.0	606.3	598.3	588.9	578.7	566.5	549.7	530.0	508.5	483.8	455.4
-65°	553.5	541.8	534.5	528.0	519.5	508.5	491.8	473.0	451.8	428.1	403.7
-67.5°	493.8	483.3	476.0	469.0	460.0	449.1	433.2	414.8	394.6	373.4	352.4
-70°	433.9	425.6	418.2	410.5	400.6	388.7	373.4	356.3	338.3	320.1	302.3
-72.5°	371.7	365.2	357.7	348.7	338.3	326.7	313.8	299.5	284.6	268.9	253.5
-75°	307.9	301.7	294.5	286.1	276.9	267.1	256.6	245.0	232.7	219.9	207.0
-77.5°	242.1	236.4	230.1	223.8	217.1	210.1	202.3	192.7	182.9	172.7	162.4
-80°	177.1	173.1	168.8	165.1	160.9	156.4	151.0	143.4	135.4	127.5	120.1
-82.5°	119.5	116.6	113.4	111.1	108.6	105.8	102.5	97.6	92.6	87.5	82.4
-85°	67.9	65.2	62.4	61.6	60.7	59.6	58.2	55.7	53.0	50.2	47.2
-87.5°	23.1	21.7	20.3	20.9	21.3	21.7	22.0	21.3	20.5	19.8	18.9
-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: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	18.1	17.2	16.3	15.4	14.4	13.4	12.4	11.3	9.8	8.4	7.1
85°	44.1	40.8	37.5	34.0	30.3	26.8	24.7	22.6	19.6	16.8	14.1
82.5°	77.4	72.4	67.4	62.1	56.1	50.1	44.3	38.6	32.3	25.6	21.1
80°	113.3	106.3	99.0	91.3	82.6	73.3	65.2	57.4	49.7	41.5	32.9
77.5°	152.5	142.2	131.5	121.8	111.6	100.8	89.3	77.4	67.0	57.4	47.1
75°	194.3	181.8	169.0	155.7	142.1	128.2	115.1	101.3	87.5	73.4	61.2
72.5°	238.6	223.1	207.1	190.7	174.8	158.5	141.8	125.1	109.0	92.6	76.0
70°	284.1	265.2	246.5	228.0	208.7	188.6	169.5	149.8	130.2	111.5	92.6
67.5°	330.6	309.3	287.3	265.5	244.0	221.4	197.5	174.5	152.1	130.2	109.0
65°	379.4	354.3	328.5	303.7	279.1	254.3	228.2	199.6	173.6	149.1	125.1
62.5°	427.5	400.0	371.0	341.6	313.5	286.1	258.4	226.6	195.2	167.5	141.0
60°	474.1	443.3	412.1	379.5	347.6	316.9	286.1	252.8	218.6	185.4	156.5
57.5°	516.8	484.5	449.6	415.3	380.9	347.0	312.9	277.6	241.3	204.9	171.5
55°	556.9	521.7	485.3	448.2	412.2	376.0	339.0	301.3	263.2	224.2	186.3
52.5°	594.6	557.8	519.2	479.8	440.7	403.4	364.4	324.4	283.9	242.9	202.5
50°	627.5	592.9	552.0	510.4	468.1	428.7	389.0	346.8	304.0	260.9	218.3
47.5°	655.1	623.3	583.9	540.1	495.6	453.4	412.0	368.3	323.4	278.1	233.5
45°	682.2	651.5	613.3	568.6	522.7	478.1	434.2	389.1	342.1	294.7	248.0
42.5°	707.5	676.9	641.2	596.0	548.6	501.9	455.8	408.7	359.9	310.5	261.8
40°	729.1	699.1	667.5	622.4	573.0	524.3	476.2	427.6	377.0	325.6	274.8
37.5°	750.1	719.4	686.8	647.2	595.9	545.4	495.5	445.7	393.5	340.2	287.1
35°	770.4	738.7	704.2	666.5	617.3	565.0	513.5	462.7	408.9	354.1	298.6
32.5°	788.6	756.0	720.1	682.1	636.9	583.1	530.1	477.6	423.2	367.2	309.3
30°	810.2	770.5	734.5	697.5	653.7	599.7	545.5	491.5	436.4	379.6	319.4
27.5°	830.9	784.5	747.4	710.2	666.9	614.8	559.7	504.3	448.5	390.9	329.3
25°	850.9	800.4	759.3	720.9	679.5	629.2	572.8	516.1	459.1	400.8	338.5
22.5°	874.0	815.0	770.4	730.1	691.6	642.2	584.6	526.7	468.6	409.6	346.9
20°	894.5	827.1	780.7	738.9	700.7	652.1	595.1	536.2	477.1	417.4	354.4
17.5°	914.5	840.8	790.8	747.3	707.5	660.7	604.4	544.5	484.5	424.2	361.2
15°	942.3	856.5	799.6	754.4	713.2	668.0	612.3	551.6	490.8	429.9	367.2
12.5°	966.1	869.6	806.8	760.3	717.9	674.1	618.9	557.5	496.1	435.0	372.6
10°	985.4	880.1	812.4	764.8	721.5	678.9	624.1	562.5	501.0	439.5	376.9
7.5°	1000.0	887.9	816.5	768.1	724.0	682.4	628.9	567.0	504.9	442.9	380.4
5°	1010.0	893.1	819.8	769.9	725.4	684.5	632.5	570.2	507.7	445.4	382.8
2.5°	1015.2	895.3	822.3	770.4	725.6	685.2	634.6	572.1	509.4	446.9	384.3
0°	1015.6	894.8	823.2	769.5	724.8	684.5	635.3	572.7	510.0	447.4	384.8
-2.5°	1015.2	895.3	822.3	770.4	725.6	685.2	634.6	572.1	509.4	446.9	384.3
-5°	1010.0	893.1	819.8	769.9	725.4	684.5	632.5	570.2	507.7	445.4	382.8
-7.5°	1000.0	887.9	816.5	768.1	724.0	682.4	628.9	567.0	504.9	442.9	380.4
-10°	985.4	880.1	812.4	764.8	721.5	678.9	624.1	562.5	501.0	439.5	376.9
-12.5°	966.1	869.6	806.8	760.3	717.9	674.1	618.9	557.5	496.1	435.0	372.6
-15°	942.3	856.5	799.6	754.4	713.2	668.0	612.3	551.6	490.8	429.9	367.2
-17.5°	914.5	840.8	790.8	747.3	707.5	660.7	604.4	544.5	484.5	424.2	361.2
-20°	894.5	827.1	780.7	738.9	700.7	652.1	595.1	536.2	477.1	417.4	354.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	874.0	815.0	770.4	730.1	691.6	642.2	584.6	526.7	468.6	409.6	346.9
-25°	850.9	800.4	759.3	720.9	679.5	629.2	572.8	516.1	459.1	400.8	338.5
-27.5°	830.9	784.5	747.4	710.2	666.9	614.8	559.7	504.3	448.5	390.9	329.3
-30°	810.2	770.5	734.5	697.5	653.7	599.7	545.5	491.5	436.4	379.6	319.4
-32.5°	788.6	756.0	720.1	682.1	636.9	583.1	530.1	477.6	423.2	367.2	309.3
-35°	770.4	738.7	704.2	666.5	617.3	565.0	513.5	462.7	408.9	354.1	298.6
-37.5°	750.1	719.4	686.8	647.2	595.9	545.4	495.5	445.7	393.5	340.2	287.1
-40°	729.1	699.1	667.5	622.4	573.0	524.3	476.2	427.6	377.0	325.6	274.8
-42.5°	707.5	676.9	641.2	596.0	548.6	501.9	455.8	408.7	359.9	310.5	261.8
-45°	682.2	651.5	613.3	568.6	522.7	478.1	434.2	389.1	342.1	294.7	248.0
-47.5°	655.1	623.3	583.9	540.1	495.6	453.4	412.0	368.3	323.4	278.1	233.5
-50°	627.5	592.9	552.0	510.4	468.1	428.7	389.0	346.8	304.0	260.9	218.3
-52.5°	594.6	557.8	519.2	479.8	440.7	403.4	364.4	324.4	283.9	242.9	202.5
-55°	556.9	521.7	485.3	448.2	412.2	376.0	339.0	301.3	263.2	224.2	186.3
-57.5°	516.8	484.5	449.6	415.3	380.9	347.0	312.9	277.6	241.3	204.9	171.5
-60°	474.1	443.3	412.1	379.5	347.6	316.9	286.1	252.8	218.6	185.4	156.5
-62.5°	427.5	400.0	371.0	341.6	313.5	286.1	258.4	226.6	195.2	167.5	141.0
-65°	379.4	354.3	328.5	303.7	279.1	254.3	228.2	199.6	173.6	149.1	125.1
-67.5°	330.6	309.3	287.3	265.5	244.0	221.4	197.5	174.5	152.1	130.2	109.0
-70°	284.1	265.2	246.5	228.0	208.7	188.6	169.5	149.8	130.2	111.5	92.6
-72.5°	238.6	223.1	207.1	190.7	174.8	158.5	141.8	125.1	109.0	92.6	76.0
-75°	194.3	181.8	169.0	155.7	142.1	128.2	115.1	101.3	87.5	73.4	61.2
-77.5°	152.5	142.2	131.5	121.8	111.6	100.8	89.3	77.4	67.0	57.4	47.1
-80°	113.3	106.3	99.0	91.3	82.6	73.3	65.2	57.4	49.7	41.5	32.9
-82.5°	77.4	72.4	67.4	62.1	56.1	50.1	44.3	38.6	32.3	25.6	21.1
-85°	44.1	40.8	37.5	34.0	30.3	26.8	24.7	22.6	19.6	16.8	14.1
-87.5°	18.1	17.2	16.3	15.4	14.4	13.4	12.4	11.3	9.8	8.4	7.1
-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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Scaled Data Report



REPORT NUMBER: P627217 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	5.8	4.8	3.9	2.9	2.0	1.0	0.0
85°	11.6	9.7	7.8	5.8	3.9	2.0	0.0
82.5°	17.3	14.5	11.6	8.7	5.8	2.9	0.0
80°	23.9	19.3	15.5	11.6	7.8	3.9	0.0
77.5°	36.4	26.0	19.3	14.5	9.7	4.8	0.0
75°	48.8	36.4	23.9	17.3	11.6	5.8	0.0
72.5°	61.0	46.6	32.1	20.2	13.5	6.7	0.0
70°	73.4	56.7	40.2	23.6	15.3	7.7	0.0
67.5°	87.4	66.7	48.2	29.5	17.1	8.6	0.0
65°	101.0	77.2	56.0	35.4	18.9	9.5	0.0
62.5°	114.4	88.2	63.7	41.2	20.7	10.3	0.0
60°	127.4	98.9	71.2	46.8	22.4	11.2	0.0
57.5°	140.4	109.3	79.4	52.3	26.0	12.0	0.0
55°	153.2	119.4	87.4	57.7	29.5	12.8	0.0
52.5°	165.6	129.2	95.1	62.9	32.9	13.6	0.0
50°	177.8	139.4	102.5	67.9	36.1	14.4	0.0
47.5°	189.7	149.2	109.7	72.9	39.2	15.1	0.0
45°	202.1	158.8	116.5	78.0	42.2	15.8	0.0
42.5°	213.9	167.9	122.9	82.8	45.0	16.5	0.0
40°	225.1	176.7	129.5	87.3	47.7	17.2	0.0
37.5°	235.6	185.1	136.2	91.5	50.2	17.8	0.0
35°	245.5	193.3	142.5	95.4	52.6	18.3	0.0
32.5°	254.7	201.0	148.5	99.1	54.7	18.9	0.0
30°	263.2	208.2	154.1	102.5	56.7	19.4	0.0
27.5°	271.1	214.8	159.1	105.6	58.6	19.9	0.0
25°	278.2	220.8	163.6	108.5	60.3	20.3	0.0
22.5°	284.6	226.2	167.6	111.1	61.7	20.7	0.0
20°	290.2	230.8	171.3	113.4	63.1	21.0	0.0
17.5°	295.3	234.7	174.4	115.3	64.2	21.4	0.0
15°	299.9	238.2	177.1	117.0	65.1	21.6	0.0
12.5°	303.9	241.0	179.4	118.4	65.9	21.9	0.0
10°	307.2	243.2	181.1	119.5	66.5	22.1	0.0
7.5°	309.8	244.8	182.4	120.3	66.9	22.2	0.0
5°	311.7	245.9	183.2	120.8	67.1	22.3	0.0
2.5°	312.8	246.3	183.6	120.9	67.2	22.4	0.0
0°	313.2	246.1	183.4	120.8	67.1	22.4	0.0
-2.5°	312.8	246.3	183.6	120.9	67.2	22.4	0.0
-5°	311.7	245.9	183.2	120.8	67.1	22.3	0.0
-7.5°	309.8	244.8	182.4	120.3	66.9	22.2	0.0
-10°	307.2	243.2	181.1	119.5	66.5	22.1	0.0
-12.5°	303.9	241.0	179.4	118.4	65.9	21.9	0.0
-15°	299.9	238.2	177.1	117.0	65.1	21.6	0.0
-17.5°	295.3	234.7	174.4	115.3	64.2	21.4	0.0
-20°	290.2	230.8	171.3	113.4	63.1	21.0	0.0

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CATALOG NUMBER: GFLD-SA3D-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	284.6	226.2	167.6	111.1	61.7	20.7	0.0
-25°	278.2	220.8	163.6	108.5	60.3	20.3	0.0
-27.5°	271.1	214.8	159.1	105.6	58.6	19.9	0.0
-30°	263.2	208.2	154.1	102.5	56.7	19.4	0.0
-32.5°	254.7	201.0	148.5	99.1	54.7	18.9	0.0
-35°	245.5	193.3	142.5	95.4	52.6	18.3	0.0
-37.5°	235.6	185.1	136.2	91.5	50.2	17.8	0.0
-40°	225.1	176.7	129.5	87.3	47.7	17.2	0.0
-42.5°	213.9	167.9	122.9	82.8	45.0	16.5	0.0
-45°	202.1	158.8	116.5	78.0	42.2	15.8	0.0
-47.5°	189.7	149.2	109.7	72.9	39.2	15.1	0.0
-50°	177.8	139.4	102.5	67.9	36.1	14.4	0.0
-52.5°	165.6	129.2	95.1	62.9	32.9	13.6	0.0
-55°	153.2	119.4	87.4	57.7	29.5	12.8	0.0
-57.5°	140.4	109.3	79.4	52.3	26.0	12.0	0.0
-60°	127.4	98.9	71.2	46.8	22.4	11.2	0.0
-62.5°	114.4	88.2	63.7	41.2	20.7	10.3	0.0
-65°	101.0	77.2	56.0	35.4	18.9	9.5	0.0
-67.5°	87.4	66.7	48.2	29.5	17.1	8.6	0.0
-70°	73.4	56.7	40.2	23.6	15.3	7.7	0.0
-72.5°	61.0	46.6	32.1	20.2	13.5	6.7	0.0
-75°	48.8	36.4	23.9	17.3	11.6	5.8	0.0
-77.5°	36.4	26.0	19.3	14.5	9.7	4.8	0.0
-80°	23.9	19.3	15.5	11.6	7.8	3.9	0.0
-82.5°	17.3	14.5	11.6	8.7	5.8	2.9	0.0
-85°	11.6	9.7	7.8	5.8	3.9	2.0	0.0
-87.5°	5.8	4.8	3.9	2.9	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)