

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: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626977 (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-SA2D-735-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N49  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

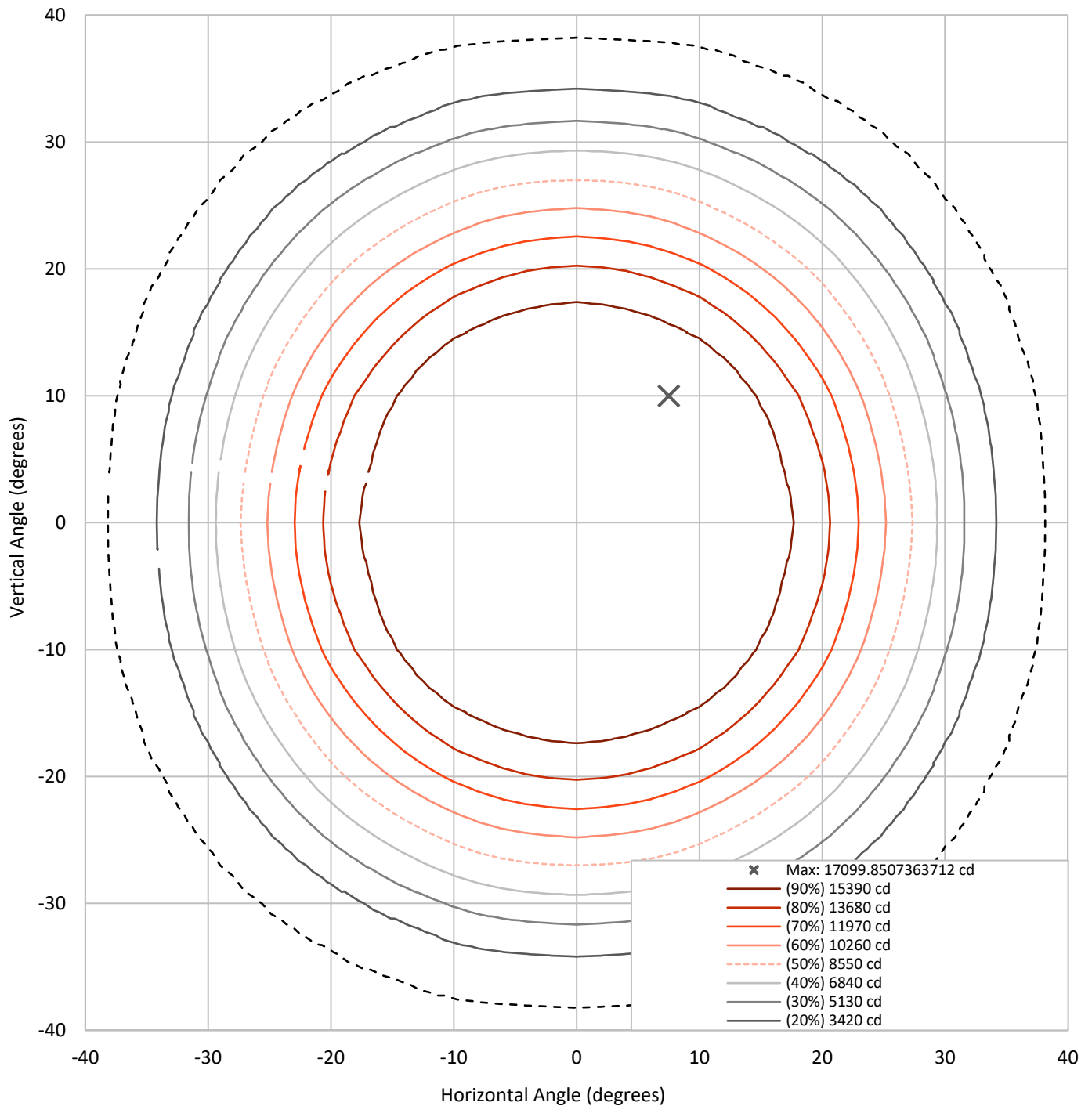
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14553.6 lumens	Max Intensity:	17099.9 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	133.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	9659.8 lumens	Field Lumens:	12560.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





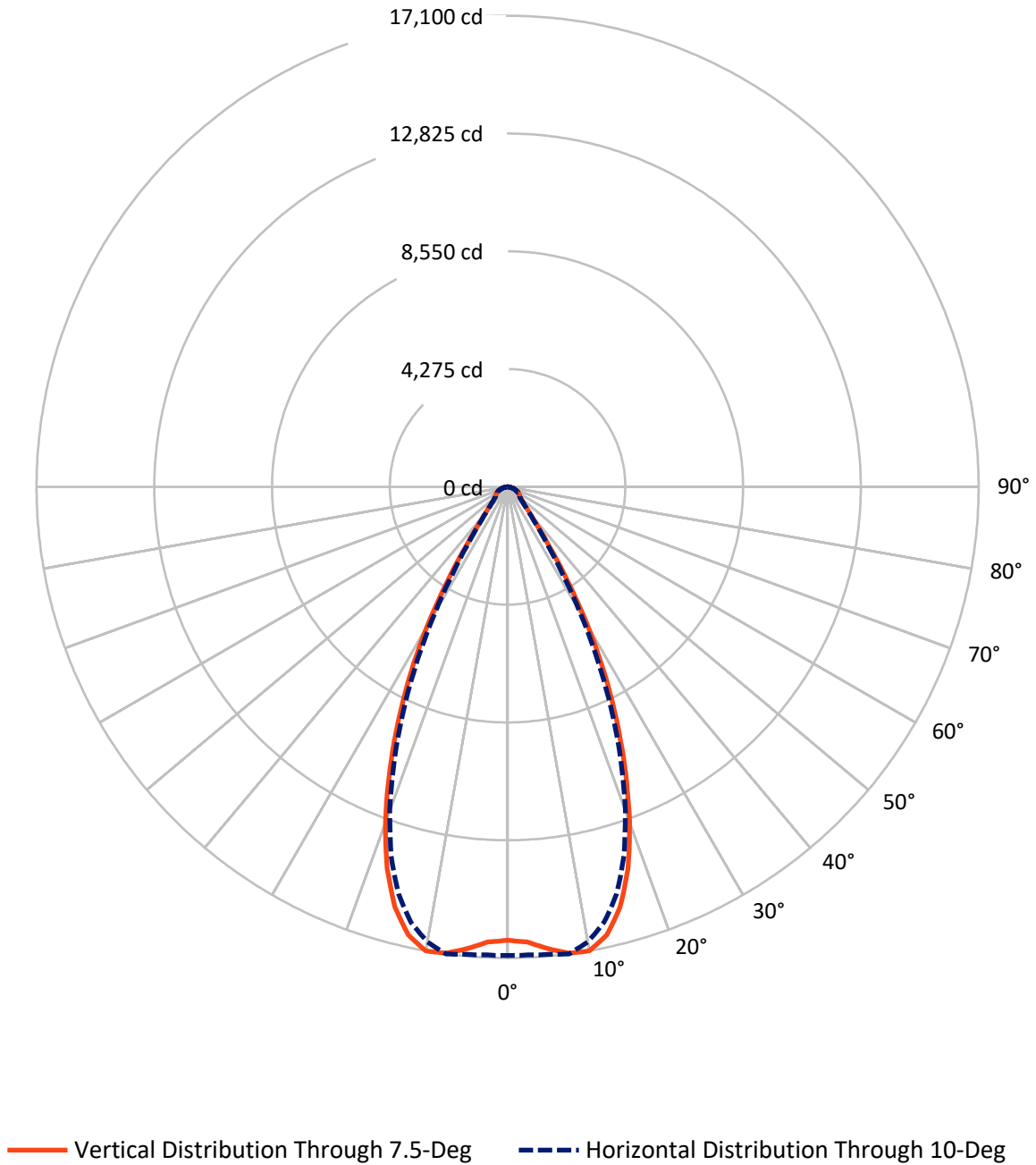
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### Lumen Table

90																
80	0.4	3.4		9.1		14.5		16.1		14.5		9.1		3.4		0.4
70																
60	1.5	1.8	3.6	5.8	8.2	9.9	11.2	11.8	11.8	11.2	9.9	8.2	5.8	3.6	1.8	1.5
50		2.6	5.3	8.4	11.2	13.6	15.2	15.9	15.9	15.2	13.6	11.2	8.4	5.3	2.6	
40	2.7	3.4	6.6	10.2	13.7	17.8	22.4	25.7	25.7	22.4	17.8	13.7	10.2	6.6	3.4	2.7
30		4.0	7.7	11.7	18.1	33.1	63.3	93.8	93.8	63.3	33.1	18.1	11.7	7.7	4.0	
20	3.5	4.5	8.4	13.7	29.8	93.4	209.6	292.7	292.7	209.6	93.4	29.8	13.7	8.4	4.5	3.5
10		4.8	8.9	16.2	53.9	199.2	380.3	476.0	476.0	380.3	199.2	53.9	16.2	8.9	4.8	
0	3.8	4.9	9.1	18.3	77.6	272.6	461.4	502.1	502.1	461.4	272.6	77.6	18.3	9.1	4.9	3.8
-10		4.9	9.1	18.3	77.6	272.6	461.4	502.1	502.1	461.4	272.6	77.6	18.3	9.1	4.9	
-20	3.5	4.8	8.9	16.2	53.9	199.2	380.3	476.0	476.0	380.3	199.2	53.9	16.2	8.9	4.8	3.5
-30		4.5	8.4	13.7	29.8	93.4	209.6	292.7	292.7	209.6	93.4	29.8	13.7	8.4	4.5	
-40	2.7	4.0	7.7	11.7	18.1	33.1	63.3	93.8	93.8	63.3	33.1	18.1	11.7	7.7	4.0	2.7
-50		3.4	6.6	10.2	13.7	17.8	22.4	25.7	25.7	22.4	17.8	13.7	10.2	6.6	3.4	
-60	1.5	2.6	5.3	8.4	11.2	13.6	15.2	15.9	15.9	15.2	13.6	11.2	8.4	5.3	2.6	1.5
-70		1.8	3.6	5.8	8.2	9.9	11.2	11.8	11.8	11.2	9.9	8.2	5.8	3.6	1.8	
-80																
-90	0.4	3.4		9.1		14.5		16.1		14.5		9.1		3.4		0.4
Horizontal Angle (degrees)																

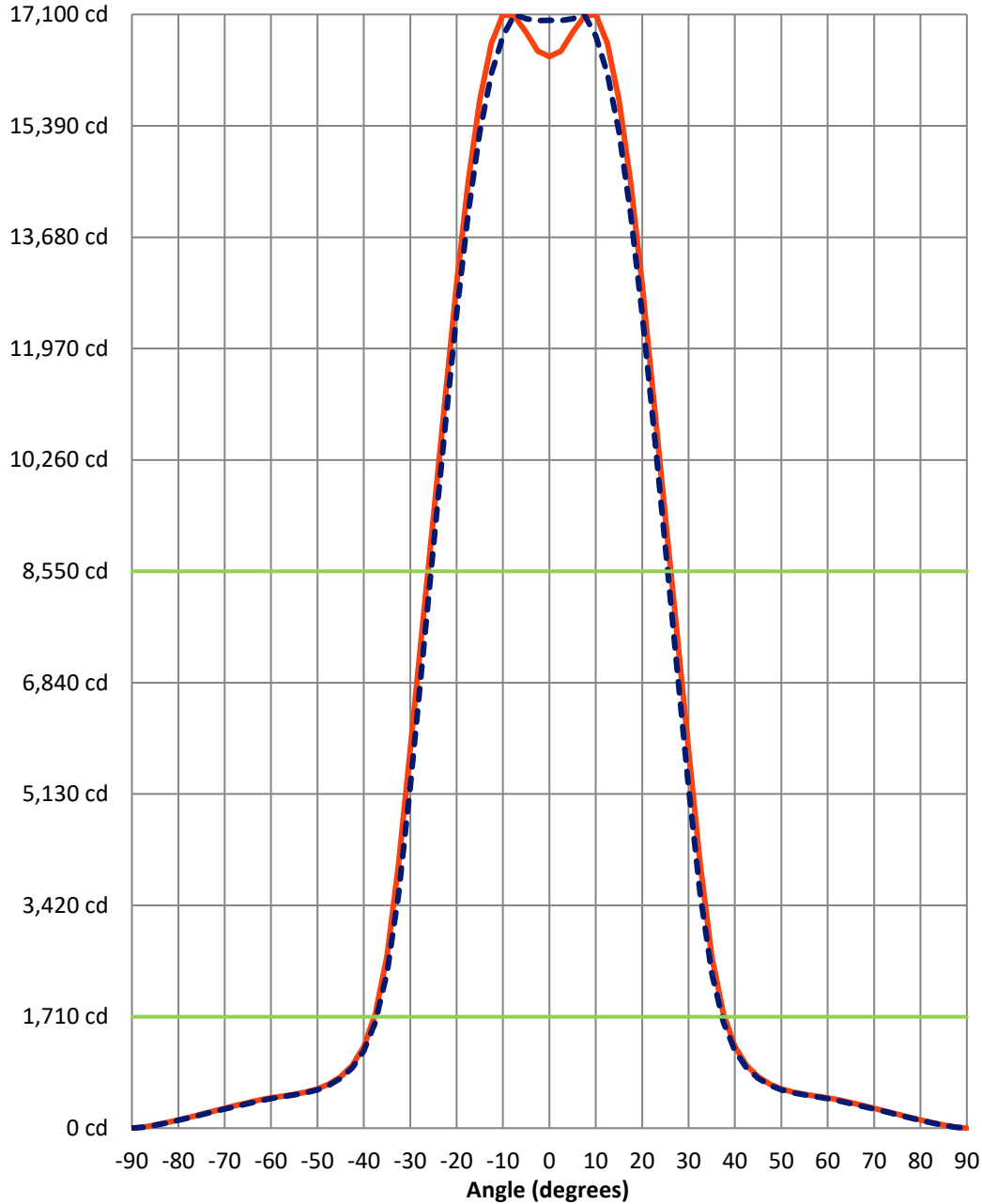
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 9659.8  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 12560.5  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1993.1  
 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	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.6	7.6
85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.5	11.3	13.2	15.2
82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	14.1	17.2	21.7	25.9
80°	0.0	2.6	5.2	7.8	10.4	12.9	16.0	22.0	27.8	33.3	38.4
77.5°	0.0	3.2	6.5	9.7	12.9	17.4	24.4	31.5	38.4	44.8	51.8
75°	0.0	3.9	7.8	11.6	16.0	24.4	32.6	41.0	49.1	58.5	67.8
72.5°	0.0	4.5	9.0	13.5	21.5	31.2	40.8	50.8	62.0	72.9	83.7
70°	0.0	5.1	10.2	15.8	26.9	38.0	49.1	62.0	74.6	87.1	100.3
67.5°	0.0	5.7	11.5	19.8	32.2	44.6	58.5	72.9	87.1	101.8	116.7
65°	0.0	6.3	12.7	23.7	37.5	51.7	67.6	83.7	99.7	116.1	133.5
62.5°	0.0	6.9	13.8	27.6	42.6	59.0	76.5	94.3	112.0	130.6	151.6
60°	0.0	7.5	15.0	31.3	47.6	66.2	85.2	104.7	124.0	146.2	169.1
57.5°	0.0	8.1	17.4	35.0	53.1	73.1	93.9	114.8	137.0	161.4	185.7
55°	0.0	8.6	19.7	38.6	58.5	79.9	102.5	124.6	150.0	176.1	201.6
52.5°	0.0	9.1	22.0	42.1	63.6	86.4	110.8	135.5	162.5	190.0	217.0
50°	0.0	9.6	24.2	45.4	68.6	93.2	118.9	146.1	174.5	203.4	232.0
47.5°	0.0	10.1	26.2	48.8	73.3	99.8	126.9	156.2	186.1	216.4	246.4
45°	0.0	10.6	28.2	52.2	77.9	106.2	135.2	165.9	197.2	228.9	260.3
42.5°	0.0	11.1	30.1	55.4	82.2	112.3	143.1	175.1	207.8	240.8	273.4
40°	0.0	11.5	31.9	58.4	86.6	118.2	150.6	183.9	217.8	252.2	286.0
37.5°	0.0	11.9	33.6	61.2	91.1	123.8	157.6	192.1	227.6	263.2	298.1
35°	0.0	12.3	35.2	63.8	95.3	129.3	164.3	199.8	236.9	273.5	309.4
32.5°	0.0	12.6	36.6	66.3	99.3	134.5	170.4	206.9	245.7	283.1	319.4
30°	0.0	13.0	38.0	68.6	103.1	139.3	176.1	213.6	254.0	291.9	328.7
27.5°	0.0	13.3	39.2	70.7	106.4	143.7	181.3	220.3	261.5	300.0	337.3
25°	0.0	13.6	40.3	72.6	109.4	147.8	186.1	226.4	268.1	307.1	345.2
22.5°	0.0	13.9	41.3	74.3	112.1	151.3	190.4	232.0	274.0	313.5	352.3
20°	0.0	14.1	42.2	75.8	114.6	154.4	194.1	237.1	279.2	319.1	358.7
17.5°	0.0	14.3	42.9	77.1	116.7	157.0	197.5	241.6	283.8	324.1	364.2
15°	0.0	14.5	43.6	78.3	118.5	159.3	200.6	245.6	287.6	328.3	369.0
12.5°	0.0	14.6	44.1	79.2	120.0	161.2	203.3	249.2	291.0	331.9	373.0
10°	0.0	14.8	44.5	79.9	121.2	162.7	205.5	252.1	294.0	335.2	376.3
7.5°	0.0	14.9	44.8	80.5	122.0	163.8	207.2	254.4	296.3	337.8	379.3
5°	0.0	14.9	44.9	80.8	122.6	164.5	208.5	256.1	298.0	339.7	381.4
2.5°	0.0	15.0	45.0	80.9	122.8	164.7	209.2	257.1	299.0	340.8	382.7
0°	0.0	15.0	44.9	80.8	122.7	164.6	209.5	257.4	299.3	341.2	383.1
-2.5°	0.0	15.0	45.0	80.9	122.8	164.7	209.2	257.1	299.0	340.8	382.7
-5°	0.0	14.9	44.9	80.8	122.6	164.5	208.5	256.1	298.0	339.7	381.4
-7.5°	0.0	14.9	44.8	80.5	122.0	163.8	207.2	254.4	296.3	337.8	379.3
-10°	0.0	14.8	44.5	79.9	121.2	162.7	205.5	252.1	294.0	335.2	376.3
-12.5°	0.0	14.6	44.1	79.2	120.0	161.2	203.3	249.2	291.0	331.9	373.0
-15°	0.0	14.5	43.6	78.3	118.5	159.3	200.6	245.6	287.6	328.3	369.0
-17.5°	0.0	14.3	42.9	77.1	116.7	157.0	197.5	241.6	283.8	324.1	364.2
-20°	0.0	14.1	42.2	75.8	114.6	154.4	194.1	237.1	279.2	319.1	358.7

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REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	13.9	41.3	74.3	112.1	151.3	190.4	232.0	274.0	313.5	352.3
-25°	0.0	13.6	40.3	72.6	109.4	147.8	186.1	226.4	268.1	307.1	345.2
-27.5°	0.0	13.3	39.2	70.7	106.4	143.7	181.3	220.3	261.5	300.0	337.3
-30°	0.0	13.0	38.0	68.6	103.1	139.3	176.1	213.6	254.0	291.9	328.7
-32.5°	0.0	12.6	36.6	66.3	99.3	134.5	170.4	206.9	245.7	283.1	319.4
-35°	0.0	12.3	35.2	63.8	95.3	129.3	164.3	199.8	236.9	273.5	309.4
-37.5°	0.0	11.9	33.6	61.2	91.1	123.8	157.6	192.1	227.6	263.2	298.1
-40°	0.0	11.5	31.9	58.4	86.6	118.2	150.6	183.9	217.8	252.2	286.0
-42.5°	0.0	11.1	30.1	55.4	82.2	112.3	143.1	175.1	207.8	240.8	273.4
-45°	0.0	10.6	28.2	52.2	77.9	106.2	135.2	165.9	197.2	228.9	260.3
-47.5°	0.0	10.1	26.2	48.8	73.3	99.8	126.9	156.2	186.1	216.4	246.4
-50°	0.0	9.6	24.2	45.4	68.6	93.2	118.9	146.1	174.5	203.4	232.0
-52.5°	0.0	9.1	22.0	42.1	63.6	86.4	110.8	135.5	162.5	190.0	217.0
-55°	0.0	8.6	19.7	38.6	58.5	79.9	102.5	124.6	150.0	176.1	201.6
-57.5°	0.0	8.1	17.4	35.0	53.1	73.1	93.9	114.8	137.0	161.4	185.7
-60°	0.0	7.5	15.0	31.3	47.6	66.2	85.2	104.7	124.0	146.2	169.1
-62.5°	0.0	6.9	13.8	27.6	42.6	59.0	76.5	94.3	112.0	130.6	151.6
-65°	0.0	6.3	12.7	23.7	37.5	51.7	67.6	83.7	99.7	116.1	133.5
-67.5°	0.0	5.7	11.5	19.8	32.2	44.6	58.5	72.9	87.1	101.8	116.7
-70°	0.0	5.1	10.2	15.8	26.9	38.0	49.1	62.0	74.6	87.1	100.3
-72.5°	0.0	4.5	9.0	13.5	21.5	31.2	40.8	50.8	62.0	72.9	83.7
-75°	0.0	3.9	7.8	11.6	16.0	24.4	32.6	41.0	49.1	58.5	67.8
-77.5°	0.0	3.2	6.5	9.7	12.9	17.4	24.4	31.5	38.4	44.8	51.8
-80°	0.0	2.6	5.2	7.8	10.4	12.9	16.0	22.0	27.8	33.3	38.4
-82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	14.1	17.2	21.7	25.9
-85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.5	11.3	13.2	15.2
-87.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.6	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA2D-735-U-MWR-XX

**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°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
85°	16.6	18.0	20.4	22.8	25.1	27.4	29.5	31.6	33.6	35.5	37.3
82.5°	29.7	33.6	37.5	41.6	45.1	48.4	51.7	55.1	58.5	61.9	65.3
80°	43.6	49.0	55.2	61.1	66.2	71.1	75.8	80.4	85.3	90.6	95.9
77.5°	59.8	67.5	74.7	81.5	88.0	95.1	102.0	108.6	115.5	122.4	128.9
75°	77.0	85.8	95.1	104.2	113.0	121.6	130.0	138.5	147.1	155.7	163.9
72.5°	94.9	106.0	116.9	127.6	138.5	149.3	159.6	169.6	179.9	190.4	200.4
70°	113.4	126.1	139.6	152.5	164.9	177.4	190.1	202.3	214.2	226.3	238.3
67.5°	132.1	148.1	163.2	177.6	192.2	206.9	221.2	235.7	249.8	263.9	277.4
65°	152.7	170.1	186.7	203.2	219.7	237.0	253.8	270.0	286.4	302.2	316.4
62.5°	172.8	191.4	209.8	228.5	248.2	267.5	285.9	304.6	323.6	340.1	354.5
60°	191.4	212.0	232.5	253.8	275.6	296.5	317.1	337.4	357.8	376.9	388.6
57.5°	209.3	232.1	254.8	277.8	300.8	324.1	345.7	368.0	387.0	403.0	416.6
55°	226.8	251.5	275.6	299.8	324.6	349.0	372.5	393.7	412.2	425.6	438.8
52.5°	243.7	269.8	294.8	320.9	347.3	373.1	397.7	417.4	432.5	446.2	458.5
50°	260.2	286.7	313.1	341.4	369.3	396.6	419.7	436.9	452.4	465.7	478.5
47.5°	275.6	303.2	331.5	361.2	390.6	417.0	438.2	456.2	472.0	486.4	501.6
45°	290.4	319.8	349.6	380.3	410.3	435.8	456.3	475.6	490.5	506.7	524.2
42.5°	304.8	335.7	366.9	398.7	428.9	452.8	473.2	491.0	508.4	527.6	548.7
40°	318.5	350.7	383.3	416.3	446.5	467.6	487.7	506.6	527.6	550.5	574.9
37.5°	331.4	364.8	398.6	432.9	459.4	481.2	501.8	522.7	547.3	573.7	606.9
35°	343.4	377.9	412.9	445.8	471.0	494.1	515.4	538.8	567.4	602.0	644.5
32.5°	354.5	390.0	426.0	456.3	481.7	505.7	527.5	556.7	591.1	632.3	692.4
30°	364.8	401.1	437.3	466.5	491.3	515.4	542.0	574.9	615.2	675.3	752.2
27.5°	374.4	411.2	446.1	475.0	499.9	524.7	555.8	595.7	648.8	720.5	816.1
25°	383.1	420.8	454.5	482.2	507.9	535.4	569.2	614.1	683.8	776.4	905.6
22.5°	391.0	429.6	462.6	488.4	515.4	545.2	584.6	640.7	721.1	829.3	996.0
20°	398.1	436.1	468.7	494.3	522.2	553.2	598.3	666.0	762.9	903.0	1115.8
17.5°	404.3	441.9	473.3	499.9	529.0	562.4	611.7	687.8	800.1	967.3	1236.9
15°	409.6	446.8	477.1	504.6	534.8	572.9	630.3	716.4	843.2	1034.2	1342.5
12.5°	414.0	450.9	480.2	508.6	539.6	581.7	646.2	743.4	888.0	1116.4	1498.0
10°	417.4	454.1	482.6	511.6	543.4	588.7	659.1	765.5	925.1	1187.6	1630.8
7.5°	420.6	456.5	484.3	513.7	546.1	593.9	668.9	782.5	953.6	1243.5	1735.8
5°	423.0	457.9	485.2	515.0	548.4	597.3	675.6	794.3	973.3	1283.5	1809.7
2.5°	424.4	458.3	485.4	515.3	550.0	598.9	679.1	800.8	988.7	1302.4	1849.4
0°	424.9	457.9	484.8	514.7	550.6	598.5	679.3	802.0	996.5	1301.8	1855.4
-2.5°	424.4	458.3	485.4	515.3	550.0	598.9	679.1	800.8	988.7	1302.4	1849.4
-5°	423.0	457.9	485.2	515.0	548.4	597.3	675.6	794.3	973.3	1283.5	1809.7
-7.5°	420.6	456.5	484.3	513.7	546.1	593.9	668.9	782.5	953.6	1243.5	1735.8
-10°	417.4	454.1	482.6	511.6	543.4	588.7	659.1	765.5	925.1	1187.6	1630.8
-12.5°	414.0	450.9	480.2	508.6	539.6	581.7	646.2	743.4	888.0	1116.4	1498.0
-15°	409.6	446.8	477.1	504.6	534.8	572.9	630.3	716.4	843.2	1034.2	1342.5
-17.5°	404.3	441.9	473.3	499.9	529.0	562.4	611.7	687.8	800.1	967.3	1236.9
-20°	398.1	436.1	468.7	494.3	522.2	553.2	598.3	666.0	762.9	903.0	1115.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	391.0	429.6	462.6	488.4	515.4	545.2	584.6	640.7	721.1	829.3	996.0
-25°	383.1	420.8	454.5	482.2	507.9	535.4	569.2	614.1	683.8	776.4	905.6
-27.5°	374.4	411.2	446.1	475.0	499.9	524.7	555.8	595.7	648.8	720.5	816.1
-30°	364.8	401.1	437.3	466.5	491.3	515.4	542.0	574.9	615.2	675.3	752.2
-32.5°	354.5	390.0	426.0	456.3	481.7	505.7	527.5	556.7	591.1	632.3	692.4
-35°	343.4	377.9	412.9	445.8	471.0	494.1	515.4	538.8	567.4	602.0	644.5
-37.5°	331.4	364.8	398.6	432.9	459.4	481.2	501.8	522.7	547.3	573.7	606.9
-40°	318.5	350.7	383.3	416.3	446.5	467.6	487.7	506.6	527.6	550.5	574.9
-42.5°	304.8	335.7	366.9	398.7	428.9	452.8	473.2	491.0	508.4	527.6	548.7
-45°	290.4	319.8	349.6	380.3	410.3	435.8	456.3	475.6	490.5	506.7	524.2
-47.5°	275.6	303.2	331.5	361.2	390.6	417.0	438.2	456.2	472.0	486.4	501.6
-50°	260.2	286.7	313.1	341.4	369.3	396.6	419.7	436.9	452.4	465.7	478.5
-52.5°	243.7	269.8	294.8	320.9	347.3	373.1	397.7	417.4	432.5	446.2	458.5
-55°	226.8	251.5	275.6	299.8	324.6	349.0	372.5	393.7	412.2	425.6	438.8
-57.5°	209.3	232.1	254.8	277.8	300.8	324.1	345.7	368.0	387.0	403.0	416.6
-60°	191.4	212.0	232.5	253.8	275.6	296.5	317.1	337.4	357.8	376.9	388.6
-62.5°	172.8	191.4	209.8	228.5	248.2	267.5	285.9	304.6	323.6	340.1	354.5
-65°	152.7	170.1	186.7	203.2	219.7	237.0	253.8	270.0	286.4	302.2	316.4
-67.5°	132.1	148.1	163.2	177.6	192.2	206.9	221.2	235.7	249.8	263.9	277.4
-70°	113.4	126.1	139.6	152.5	164.9	177.4	190.1	202.3	214.2	226.3	238.3
-72.5°	94.9	106.0	116.9	127.6	138.5	149.3	159.6	169.6	179.9	190.4	200.4
-75°	77.0	85.8	95.1	104.2	113.0	121.6	130.0	138.5	147.1	155.7	163.9
-77.5°	59.8	67.5	74.7	81.5	88.0	95.1	102.0	108.6	115.5	122.4	128.9
-80°	43.6	49.0	55.2	61.1	66.2	71.1	75.8	80.4	85.3	90.6	95.9
-82.5°	29.7	33.6	37.5	41.6	45.1	48.4	51.7	55.1	58.5	61.9	65.3
-85°	16.6	18.0	20.4	22.8	25.1	27.4	29.5	31.6	33.6	35.5	37.3
-87.5°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
-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: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	14.7	14.6	14.3	14.0	13.6	14.5	15.5	16.4	17.4	16.8	16.3
85°	39.0	39.9	40.6	41.2	41.7	43.6	45.4	47.1	48.6	48.6	48.4
82.5°	68.6	70.8	72.7	74.4	75.9	78.0	80.0	81.7	83.1	84.2	85.1
80°	101.0	104.6	107.7	110.5	113.0	115.8	118.5	120.9	122.9	124.1	124.8
77.5°	135.3	140.6	145.2	149.7	153.9	158.1	161.9	165.3	168.3	169.0	168.8
75°	171.7	178.7	185.3	191.4	197.0	201.8	205.9	209.4	212.2	213.6	214.4
72.5°	209.9	218.5	226.2	233.2	239.2	244.2	248.6	252.3	255.5	257.5	258.7
70°	249.8	260.0	268.0	274.5	279.7	284.6	290.2	295.5	300.5	303.3	304.4
67.5°	289.8	300.4	307.7	313.7	318.4	323.3	330.3	336.6	342.2	346.0	348.4
65°	329.0	340.1	347.5	353.2	357.5	362.4	370.3	376.5	381.3	385.1	388.5
62.5°	367.7	378.9	387.1	393.9	400.2	405.6	412.0	417.3	421.4	425.1	429.3
60°	401.2	414.6	423.1	430.0	437.8	446.2	451.0	454.9	458.3	461.3	463.9
57.5°	428.6	440.5	451.5	459.8	467.9	475.7	481.3	485.0	488.0	490.3	491.2
55°	451.5	463.8	476.1	485.1	493.0	500.3	506.5	511.3	515.3	518.5	519.2
52.5°	472.0	485.8	497.9	508.2	518.8	527.4	534.2	540.8	546.5	551.1	553.1
50°	494.4	508.9	523.9	537.8	549.0	558.9	567.1	576.3	586.1	594.2	599.3
47.5°	517.9	534.6	552.7	569.9	583.2	597.7	611.3	625.1	643.3	658.5	669.8
45°	542.5	563.9	584.6	606.3	624.7	652.2	677.7	699.7	728.8	755.2	776.2
42.5°	571.5	598.1	623.5	658.4	694.9	732.5	773.1	807.7	853.3	899.6	937.0
40°	605.9	639.9	684.7	731.5	789.2	840.8	910.9	973.3	1043.2	1131.5	1204.5
37.5°	647.3	699.7	762.0	827.3	917.2	1003.1	1118.9	1240.9	1351.7	1521.6	1664.5
35°	701.0	774.3	856.4	971.9	1099.2	1260.2	1440.8	1676.5	1878.5	2165.2	2439.1
32.5°	770.3	864.6	998.5	1176.9	1365.0	1657.3	1943.9	2353.1	2732.0	3186.3	3676.6
30°	847.4	990.8	1195.5	1440.2	1791.1	2221.1	2726.4	3354.8	4042.5	4681.1	5310.4
27.5°	959.1	1164.7	1433.5	1828.4	2375.3	2976.9	3862.0	4715.1	5605.1	6396.3	7056.2
25°	1089.6	1361.2	1777.0	2358.4	3098.1	4128.2	5187.7	6240.6	7197.8	8026.1	8755.1
22.5°	1258.0	1648.7	2203.0	2956.1	4107.8	5342.5	6585.0	7746.3	8767.3	9689.6	10478.8
20°	1441.3	1930.2	2721.6	3844.7	5161.8	6568.5	7971.3	9208.4	10332.6	11378.4	12267.9
17.5°	1673.5	2358.2	3360.4	4707.6	6230.4	7771.6	9245.4	10587.9	11863.3	12970.0	13899.3
15°	1871.4	2735.1	4043.1	5623.2	7270.3	8896.1	10452.0	11910.2	13236.2	14371.7	15245.4
12.5°	2135.4	3157.5	4649.2	6410.2	8195.1	9905.8	11544.7	13051.8	14401.4	15524.2	16204.4
10°	2384.9	3594.8	5235.1	7071.6	8926.0	10748.6	12498.6	14044.2	15297.2	16190.4	16770.0
7.5°	2597.1	3970.7	5711.7	7606.2	9506.6	11412.2	13183.6	14687.5	15842.7	16588.7	16992.2
5°	2755.6	4251.7	6065.5	8040.5	9990.7	11929.7	13687.2	15099.1	16097.6	16651.7	16854.3
2.5°	2856.5	4416.7	6270.8	8325.5	10314.6	12257.1	14032.8	15422.5	16269.6	16636.9	16671.8
0°	2896.8	4438.0	6302.4	8475.0	10396.3	12350.4	14131.0	15555.5	16333.6	16635.8	16629.9
-2.5°	2856.5	4416.7	6270.8	8325.5	10314.6	12257.1	14032.8	15422.5	16269.6	16636.9	16671.8
-5°	2755.6	4251.7	6065.5	8040.5	9990.7	11929.7	13687.2	15099.1	16097.6	16651.7	16854.3
-7.5°	2597.1	3970.7	5711.7	7606.2	9506.6	11412.2	13183.6	14687.5	15842.7	16588.7	16992.2
-10°	2384.9	3594.8	5235.1	7071.6	8926.0	10748.6	12498.6	14044.2	15297.2	16190.4	16770.0
-12.5°	2135.4	3157.5	4649.2	6410.2	8195.1	9905.8	11544.7	13051.8	14401.4	15524.2	16204.4
-15°	1871.4	2735.1	4043.1	5623.2	7270.3	8896.1	10452.0	11910.2	13236.2	14371.7	15245.4
-17.5°	1673.5	2358.2	3360.4	4707.6	6230.4	7771.6	9245.4	10587.9	11863.3	12970.0	13899.3
-20°	1441.3	1930.2	2721.6	3844.7	5161.8	6568.5	7971.3	9208.4	10332.6	11378.4	12267.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	1258.0	1648.7	2203.0	2956.1	4107.8	5342.5	6585.0	7746.3	8767.3	9689.6	10478.8
-25°	1089.6	1361.2	1777.0	2358.4	3098.1	4128.2	5187.7	6240.6	7197.8	8026.1	8755.1
-27.5°	959.1	1164.7	1433.5	1828.4	2375.3	2976.9	3862.0	4715.1	5605.1	6396.3	7056.2
-30°	847.4	990.8	1195.5	1440.2	1791.1	2221.1	2726.4	3354.8	4042.5	4681.1	5310.4
-32.5°	770.3	864.6	998.5	1176.9	1365.0	1657.3	1943.9	2353.1	2732.0	3186.3	3676.6
-35°	701.0	774.3	856.4	971.9	1099.2	1260.2	1440.8	1676.5	1878.5	2165.2	2439.1
-37.5°	647.3	699.7	762.0	827.3	917.2	1003.1	1118.9	1240.9	1351.7	1521.6	1664.5
-40°	605.9	639.9	684.7	731.5	789.2	840.8	910.9	973.3	1043.2	1131.5	1204.5
-42.5°	571.5	598.1	623.5	658.4	694.9	732.5	773.1	807.7	853.3	899.6	937.0
-45°	542.5	563.9	584.6	606.3	624.7	652.2	677.7	699.7	728.8	755.2	776.2
-47.5°	517.9	534.6	552.7	569.9	583.2	597.7	611.3	625.1	643.3	658.5	669.8
-50°	494.4	508.9	523.9	537.8	549.0	558.9	567.1	576.3	586.1	594.2	599.3
-52.5°	472.0	485.8	497.9	508.2	518.8	527.4	534.2	540.8	546.5	551.1	553.1
-55°	451.5	463.8	476.1	485.1	493.0	500.3	506.5	511.3	515.3	518.5	519.2
-57.5°	428.6	440.5	451.5	459.8	467.9	475.7	481.3	485.0	488.0	490.3	491.2
-60°	401.2	414.6	423.1	430.0	437.8	446.2	451.0	454.9	458.3	461.3	463.9
-62.5°	367.7	378.9	387.1	393.9	400.2	405.6	412.0	417.3	421.4	425.1	429.3
-65°	329.0	340.1	347.5	353.2	357.5	362.4	370.3	376.5	381.3	385.1	388.5
-67.5°	289.8	300.4	307.7	313.7	318.4	323.3	330.3	336.6	342.2	346.0	348.4
-70°	249.8	260.0	268.0	274.5	279.7	284.6	290.2	295.5	300.5	303.3	304.4
-72.5°	209.9	218.5	226.2	233.2	239.2	244.2	248.6	252.3	255.5	257.5	258.7
-75°	171.7	178.7	185.3	191.4	197.0	201.8	205.9	209.4	212.2	213.6	214.4
-77.5°	135.3	140.6	145.2	149.7	153.9	158.1	161.9	165.3	168.3	169.0	168.8
-80°	101.0	104.6	107.7	110.5	113.0	115.8	118.5	120.9	122.9	124.1	124.8
-82.5°	68.6	70.8	72.7	74.4	75.9	78.0	80.0	81.7	83.1	84.2	85.1
-85°	39.0	39.9	40.6	41.2	41.7	43.6	45.4	47.1	48.6	48.6	48.4
-87.5°	14.7	14.6	14.3	14.0	13.6	14.5	15.5	16.4	17.4	16.8	16.3
-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: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	15.6	14.9	15.0	15.0	15.0	14.9	15.6	16.3	16.8	17.4	16.4
85°	48.1	47.7	46.3	44.9	46.3	47.7	48.1	48.4	48.6	48.6	47.1
82.5°	85.8	86.4	85.2	83.8	85.2	86.4	85.8	85.1	84.2	83.1	81.7
80°	125.1	125.1	124.1	122.7	124.1	125.1	125.1	124.8	124.1	122.9	120.9
77.5°	168.1	166.9	167.4	167.6	167.4	166.9	168.1	168.8	169.0	168.3	165.3
75°	214.7	214.5	213.8	212.5	213.8	214.5	214.7	214.4	213.6	212.2	209.4
72.5°	259.3	259.3	258.7	257.4	258.7	259.3	259.3	258.7	257.5	255.5	252.3
70°	304.6	304.1	304.8	305.2	304.8	304.1	304.6	304.4	303.3	300.5	295.5
67.5°	350.3	351.5	351.3	350.1	351.3	351.5	350.3	348.4	346.0	342.2	336.6
65°	391.3	393.3	394.6	395.0	394.6	393.3	391.3	388.5	385.1	381.3	376.5
62.5°	432.6	435.0	435.1	433.9	435.1	435.0	432.6	429.3	425.1	421.4	417.3
60°	465.4	465.7	465.2	463.9	465.2	465.7	465.4	463.9	461.3	458.3	454.9
57.5°	491.1	490.3	489.2	487.8	489.2	490.3	491.1	491.2	490.3	488.0	485.0
55°	518.8	517.4	516.1	514.7	516.1	517.4	518.8	519.2	518.5	515.3	511.3
52.5°	553.5	552.8	551.9	550.6	551.9	552.8	553.5	553.1	551.1	546.5	540.8
50°	601.9	602.6	602.5	601.5	602.5	602.6	601.9	599.3	594.2	586.1	576.3
47.5°	677.0	681.0	683.7	685.3	683.7	681.0	677.0	669.8	658.5	643.3	625.1
45°	789.6	797.6	803.3	808.0	803.3	797.6	789.6	776.2	755.2	728.8	699.7
42.5°	963.3	981.2	989.7	987.6	989.7	981.2	963.3	937.0	899.6	853.3	807.7
40°	1253.1	1282.0	1298.0	1310.8	1298.0	1282.0	1253.1	1204.5	1131.5	1043.2	973.3
37.5°	1762.1	1818.2	1847.7	1873.4	1847.7	1818.2	1762.1	1664.5	1521.6	1351.7	1240.9
35°	2643.8	2769.9	2837.4	2860.9	2837.4	2769.9	2643.8	2439.1	2165.2	1878.5	1676.5
32.5°	4058.2	4290.8	4419.4	4518.8	4419.4	4290.8	4058.2	3676.6	3186.3	2732.0	2353.1
30°	5808.7	6115.0	6285.2	6368.2	6285.2	6115.0	5808.7	5310.4	4681.1	4042.5	3354.8
27.5°	7603.1	7951.4	8134.8	8124.9	8134.8	7951.4	7603.1	7056.2	6396.3	5605.1	4715.1
25°	9380.1	9783.5	9966.4	10129.9	9966.4	9783.5	9380.1	8755.1	8026.1	7197.8	6240.6
22.5°	11177.4	11649.2	11906.5	12027.2	11906.5	11649.2	11177.4	10478.8	9689.6	8767.3	7746.3
20°	12953.3	13478.4	13751.7	13870.7	13751.7	13478.4	12953.3	12267.9	11378.4	10332.6	9208.4
17.5°	14528.4	15041.0	15301.4	15411.9	15301.4	15041.0	14528.4	13899.3	12970.0	11863.3	10587.9
15°	15786.0	16164.2	16385.7	16444.3	16385.7	16164.2	15786.0	15245.4	14371.7	13236.2	11910.2
12.5°	16655.4	16801.8	16908.4	16941.1	16908.4	16801.8	16655.4	16204.4	15524.2	14401.4	13051.8
10°	17099.9	17033.8	17006.4	17009.9	17006.4	17033.8	17099.9	16770.0	16190.4	15297.2	14044.2
7.5°	17069.3	16971.4	16774.9	16743.6	16774.9	16971.4	17069.3	16992.2	16588.7	15842.7	14687.5
5°	16824.0	16645.9	16319.7	16225.9	16319.7	16645.9	16824.0	16854.3	16651.7	16097.6	15099.1
2.5°	16538.2	16217.0	15916.5	15723.1	15916.5	16217.0	16538.2	16671.8	16636.9	16269.6	15422.5
0°	16453.3	16082.2	15693.2	15567.5	15693.2	16082.2	16453.3	16629.9	16635.8	16333.6	15555.5
-2.5°	16538.2	16217.0	15916.5	15723.1	15916.5	16217.0	16538.2	16671.8	16636.9	16269.6	15422.5
-5°	16824.0	16645.9	16319.7	16225.9	16319.7	16645.9	16824.0	16854.3	16651.7	16097.6	15099.1
-7.5°	17069.3	16971.4	16774.9	16743.6	16774.9	16971.4	17069.3	16992.2	16588.7	15842.7	14687.5
-10°	17099.9	17033.8	17006.4	17009.9	17006.4	17033.8	17099.9	16770.0	16190.4	15297.2	14044.2
-12.5°	16655.4	16801.8	16908.4	16941.1	16908.4	16801.8	16655.4	16204.4	15524.2	14401.4	13051.8
-15°	15786.0	16164.2	16385.7	16444.3	16385.7	16164.2	15786.0	15245.4	14371.7	13236.2	11910.2
-17.5°	14528.4	15041.0	15301.4	15411.9	15301.4	15041.0	14528.4	13899.3	12970.0	11863.3	10587.9
-20°	12953.3	13478.4	13751.7	13870.7	13751.7	13478.4	12953.3	12267.9	11378.4	10332.6	9208.4



REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	11177.4	11649.2	11906.5	12027.2	11906.5	11649.2	11177.4	10478.8	9689.6	8767.3	7746.3
-25°	9380.1	9783.5	9966.4	10129.9	9966.4	9783.5	9380.1	8755.1	8026.1	7197.8	6240.6
-27.5°	7603.1	7951.4	8134.8	8124.9	8134.8	7951.4	7603.1	7056.2	6396.3	5605.1	4715.1
-30°	5808.7	6115.0	6285.2	6368.2	6285.2	6115.0	5808.7	5310.4	4681.1	4042.5	3354.8
-32.5°	4058.2	4290.8	4419.4	4518.8	4419.4	4290.8	4058.2	3676.6	3186.3	2732.0	2353.1
-35°	2643.8	2769.9	2837.4	2860.9	2837.4	2769.9	2643.8	2439.1	2165.2	1878.5	1676.5
-37.5°	1762.1	1818.2	1847.7	1873.4	1847.7	1818.2	1762.1	1664.5	1521.6	1351.7	1240.9
-40°	1253.1	1282.0	1298.0	1310.8	1298.0	1282.0	1253.1	1204.5	1131.5	1043.2	973.3
-42.5°	963.3	981.2	989.7	987.6	989.7	981.2	963.3	937.0	899.6	853.3	807.7
-45°	789.6	797.6	803.3	808.0	803.3	797.6	789.6	776.2	755.2	728.8	699.7
-47.5°	677.0	681.0	683.7	685.3	683.7	681.0	677.0	669.8	658.5	643.3	625.1
-50°	601.9	602.6	602.5	601.5	602.5	602.6	601.9	599.3	594.2	586.1	576.3
-52.5°	553.5	552.8	551.9	550.6	551.9	552.8	553.5	553.1	551.1	546.5	540.8
-55°	518.8	517.4	516.1	514.7	516.1	517.4	518.8	519.2	518.5	515.3	511.3
-57.5°	491.1	490.3	489.2	487.8	489.2	490.3	491.1	491.2	490.3	488.0	485.0
-60°	465.4	465.7	465.2	463.9	465.2	465.7	465.4	463.9	461.3	458.3	454.9
-62.5°	432.6	435.0	435.1	433.9	435.1	435.0	432.6	429.3	425.1	421.4	417.3
-65°	391.3	393.3	394.6	395.0	394.6	393.3	391.3	388.5	385.1	381.3	376.5
-67.5°	350.3	351.5	351.3	350.1	351.3	351.5	350.3	348.4	346.0	342.2	336.6
-70°	304.6	304.1	304.8	305.2	304.8	304.1	304.6	304.4	303.3	300.5	295.5
-72.5°	259.3	259.3	258.7	257.4	258.7	259.3	259.3	258.7	257.5	255.5	252.3
-75°	214.7	214.5	213.8	212.5	213.8	214.5	214.7	214.4	213.6	212.2	209.4
-77.5°	168.1	166.9	167.4	167.6	167.4	166.9	168.1	168.8	169.0	168.3	165.3
-80°	125.1	125.1	124.1	122.7	124.1	125.1	125.1	124.8	124.1	122.9	120.9
-82.5°	85.8	86.4	85.2	83.8	85.2	86.4	85.8	85.1	84.2	83.1	81.7
-85°	48.1	47.7	46.3	44.9	46.3	47.7	48.1	48.4	48.6	48.6	47.1
-87.5°	15.6	14.9	15.0	15.0	15.0	14.9	15.6	16.3	16.8	17.4	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	15.5	14.5	13.6	14.0	14.3	14.6	14.7	14.3	13.8	13.3	12.7
85°	45.4	43.6	41.7	41.2	40.6	39.9	39.0	37.3	35.5	33.6	31.6
82.5°	80.0	78.0	75.9	74.4	72.7	70.8	68.6	65.3	61.9	58.5	55.1
80°	118.5	115.8	113.0	110.5	107.7	104.6	101.0	95.9	90.6	85.3	80.4
77.5°	161.9	158.1	153.9	149.7	145.2	140.6	135.3	128.9	122.4	115.5	108.6
75°	205.9	201.8	197.0	191.4	185.3	178.7	171.7	163.9	155.7	147.1	138.5
72.5°	248.6	244.2	239.2	233.2	226.2	218.5	209.9	200.4	190.4	179.9	169.6
70°	290.2	284.6	279.7	274.5	268.0	260.0	249.8	238.3	226.3	214.2	202.3
67.5°	330.3	323.3	318.4	313.7	307.7	300.4	289.8	277.4	263.9	249.8	235.7
65°	370.3	362.4	357.5	353.2	347.5	340.1	329.0	316.4	302.2	286.4	270.0
62.5°	412.0	405.6	400.2	393.9	387.1	378.9	367.7	354.5	340.1	323.6	304.6
60°	451.0	446.2	437.8	430.0	423.1	414.6	401.2	388.6	376.9	357.8	337.4
57.5°	481.3	475.7	467.9	459.8	451.5	440.5	428.6	416.6	403.0	387.0	368.0
55°	506.5	500.3	493.0	485.1	476.1	463.8	451.5	438.8	425.6	412.2	393.7
52.5°	534.2	527.4	518.8	508.2	497.9	485.8	472.0	458.5	446.2	432.5	417.4
50°	567.1	558.9	549.0	537.8	523.9	508.9	494.4	478.5	465.7	452.4	436.9
47.5°	611.3	597.7	583.2	569.9	552.7	534.6	517.9	501.6	486.4	472.0	456.2
45°	677.7	652.2	624.7	606.3	584.6	563.9	542.5	524.2	506.7	490.5	475.6
42.5°	773.1	732.5	694.9	658.4	623.5	598.1	571.5	548.7	527.6	508.4	491.0
40°	910.9	840.8	789.2	731.5	684.7	639.9	605.9	574.9	550.5	527.6	506.6
37.5°	1118.9	1003.1	917.2	827.3	762.0	699.7	647.3	606.9	573.7	547.3	522.7
35°	1440.8	1260.2	1099.2	971.9	856.4	774.3	701.0	644.5	602.0	567.4	538.8
32.5°	1943.9	1657.3	1365.0	1176.9	998.5	864.6	770.3	692.4	632.3	591.1	556.7
30°	2726.4	2221.1	1791.1	1440.2	1195.5	990.8	847.4	752.2	675.3	615.2	574.9
27.5°	3862.0	2976.9	2375.3	1828.4	1433.5	1164.7	959.1	816.1	720.5	648.8	595.7
25°	5187.7	4128.2	3098.1	2358.4	1777.0	1361.2	1089.6	905.6	776.4	683.8	614.1
22.5°	6585.0	5342.5	4107.8	2956.1	2203.0	1648.7	1258.0	996.0	829.3	721.1	640.7
20°	7971.3	6568.5	5161.8	3844.7	2721.6	1930.2	1441.3	1115.8	903.0	762.9	666.0
17.5°	9245.4	7771.6	6230.4	4707.6	3360.4	2358.2	1673.5	1236.9	967.3	800.1	687.8
15°	10452.0	8896.1	7270.3	5623.2	4043.1	2735.1	1871.4	1342.5	1034.2	843.2	716.4
12.5°	11544.7	9905.8	8195.1	6410.2	4649.2	3157.5	2135.4	1498.0	1116.4	888.0	743.4
10°	12498.6	10748.6	8926.0	7071.6	5235.1	3594.8	2384.9	1630.8	1187.6	925.1	765.5
7.5°	13183.6	11412.2	9506.6	7606.2	5711.7	3970.7	2597.1	1735.8	1243.5	953.6	782.5
5°	13687.2	11929.7	9990.7	8040.5	6065.5	4251.7	2755.6	1809.7	1283.5	973.3	794.3
2.5°	14032.8	12257.1	10314.6	8325.5	6270.8	4416.7	2856.5	1849.4	1302.4	988.7	800.8
0°	14131.0	12350.4	10396.3	8475.0	6302.4	4438.0	2896.8	1855.4	1301.8	996.5	802.0
-2.5°	14032.8	12257.1	10314.6	8325.5	6270.8	4416.7	2856.5	1849.4	1302.4	988.7	800.8
-5°	13687.2	11929.7	9990.7	8040.5	6065.5	4251.7	2755.6	1809.7	1283.5	973.3	794.3
-7.5°	13183.6	11412.2	9506.6	7606.2	5711.7	3970.7	2597.1	1735.8	1243.5	953.6	782.5
-10°	12498.6	10748.6	8926.0	7071.6	5235.1	3594.8	2384.9	1630.8	1187.6	925.1	765.5
-12.5°	11544.7	9905.8	8195.1	6410.2	4649.2	3157.5	2135.4	1498.0	1116.4	888.0	743.4
-15°	10452.0	8896.1	7270.3	5623.2	4043.1	2735.1	1871.4	1342.5	1034.2	843.2	716.4
-17.5°	9245.4	7771.6	6230.4	4707.6	3360.4	2358.2	1673.5	1236.9	967.3	800.1	687.8
-20°	7971.3	6568.5	5161.8	3844.7	2721.6	1930.2	1441.3	1115.8	903.0	762.9	666.0



REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	6585.0	5342.5	4107.8	2956.1	2203.0	1648.7	1258.0	996.0	829.3	721.1	640.7
-25°	5187.7	4128.2	3098.1	2358.4	1777.0	1361.2	1089.6	905.6	776.4	683.8	614.1
-27.5°	3862.0	2976.9	2375.3	1828.4	1433.5	1164.7	959.1	816.1	720.5	648.8	595.7
-30°	2726.4	2221.1	1791.1	1440.2	1195.5	990.8	847.4	752.2	675.3	615.2	574.9
-32.5°	1943.9	1657.3	1365.0	1176.9	998.5	864.6	770.3	692.4	632.3	591.1	556.7
-35°	1440.8	1260.2	1099.2	971.9	856.4	774.3	701.0	644.5	602.0	567.4	538.8
-37.5°	1118.9	1003.1	917.2	827.3	762.0	699.7	647.3	606.9	573.7	547.3	522.7
-40°	910.9	840.8	789.2	731.5	684.7	639.9	605.9	574.9	550.5	527.6	506.6
-42.5°	773.1	732.5	694.9	658.4	623.5	598.1	571.5	548.7	527.6	508.4	491.0
-45°	677.7	652.2	624.7	606.3	584.6	563.9	542.5	524.2	506.7	490.5	475.6
-47.5°	611.3	597.7	583.2	569.9	552.7	534.6	517.9	501.6	486.4	472.0	456.2
-50°	567.1	558.9	549.0	537.8	523.9	508.9	494.4	478.5	465.7	452.4	436.9
-52.5°	534.2	527.4	518.8	508.2	497.9	485.8	472.0	458.5	446.2	432.5	417.4
-55°	506.5	500.3	493.0	485.1	476.1	463.8	451.5	438.8	425.6	412.2	393.7
-57.5°	481.3	475.7	467.9	459.8	451.5	440.5	428.6	416.6	403.0	387.0	368.0
-60°	451.0	446.2	437.8	430.0	423.1	414.6	401.2	388.6	376.9	357.8	337.4
-62.5°	412.0	405.6	400.2	393.9	387.1	378.9	367.7	354.5	340.1	323.6	304.6
-65°	370.3	362.4	357.5	353.2	347.5	340.1	329.0	316.4	302.2	286.4	270.0
-67.5°	330.3	323.3	318.4	313.7	307.7	300.4	289.8	277.4	263.9	249.8	235.7
-70°	290.2	284.6	279.7	274.5	268.0	260.0	249.8	238.3	226.3	214.2	202.3
-72.5°	248.6	244.2	239.2	233.2	226.2	218.5	209.9	200.4	190.4	179.9	169.6
-75°	205.9	201.8	197.0	191.4	185.3	178.7	171.7	163.9	155.7	147.1	138.5
-77.5°	161.9	158.1	153.9	149.7	145.2	140.6	135.3	128.9	122.4	115.5	108.6
-80°	118.5	115.8	113.0	110.5	107.7	104.6	101.0	95.9	90.6	85.3	80.4
-82.5°	80.0	78.0	75.9	74.4	72.7	70.8	68.6	65.3	61.9	58.5	55.1
-85°	45.4	43.6	41.7	41.2	40.6	39.9	39.0	37.3	35.5	33.6	31.6
-87.5°	15.5	14.5	13.6	14.0	14.3	14.6	14.7	14.3	13.8	13.3	12.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.6	5.6	4.7
85°	29.5	27.4	25.1	22.8	20.4	18.0	16.6	15.2	13.2	11.3	9.5
82.5°	51.7	48.4	45.1	41.6	37.5	33.6	29.7	25.9	21.7	17.2	14.1
80°	75.8	71.1	66.2	61.1	55.2	49.0	43.6	38.4	33.3	27.8	22.0
77.5°	102.0	95.1	88.0	81.5	74.7	67.5	59.8	51.8	44.8	38.4	31.5
75°	130.0	121.6	113.0	104.2	95.1	85.8	77.0	67.8	58.5	49.1	41.0
72.5°	159.6	149.3	138.5	127.6	116.9	106.0	94.9	83.7	72.9	62.0	50.8
70°	190.1	177.4	164.9	152.5	139.6	126.1	113.4	100.3	87.1	74.6	62.0
67.5°	221.2	206.9	192.2	177.6	163.2	148.1	132.1	116.7	101.8	87.1	72.9
65°	253.8	237.0	219.7	203.2	186.7	170.1	152.7	133.5	116.1	99.7	83.7
62.5°	285.9	267.5	248.2	228.5	209.8	191.4	172.8	151.6	130.6	112.0	94.3
60°	317.1	296.5	275.6	253.8	232.5	212.0	191.4	169.1	146.2	124.0	104.7
57.5°	345.7	324.1	300.8	277.8	254.8	232.1	209.3	185.7	161.4	137.0	114.8
55°	372.5	349.0	324.6	299.8	275.6	251.5	226.8	201.6	176.1	150.0	124.6
52.5°	397.7	373.1	347.3	320.9	294.8	269.8	243.7	217.0	190.0	162.5	135.5
50°	419.7	396.6	369.3	341.4	313.1	286.7	260.2	232.0	203.4	174.5	146.1
47.5°	438.2	417.0	390.6	361.2	331.5	303.2	275.6	246.4	216.4	186.1	156.2
45°	456.3	435.8	410.3	380.3	349.6	319.8	290.4	260.3	228.9	197.2	165.9
42.5°	473.2	452.8	428.9	398.7	366.9	335.7	304.8	273.4	240.8	207.8	175.1
40°	487.7	467.6	446.5	416.3	383.3	350.7	318.5	286.0	252.2	217.8	183.9
37.5°	501.8	481.2	459.4	432.9	398.6	364.8	331.4	298.1	263.2	227.6	192.1
35°	515.4	494.1	471.0	445.8	412.9	377.9	343.4	309.4	273.5	236.9	199.8
32.5°	527.5	505.7	481.7	456.3	426.0	390.0	354.5	319.4	283.1	245.7	206.9
30°	542.0	515.4	491.3	466.5	437.3	401.1	364.8	328.7	291.9	254.0	213.6
27.5°	555.8	524.7	499.9	475.0	446.1	411.2	374.4	337.3	300.0	261.5	220.3
25°	569.2	535.4	507.9	482.2	454.5	420.8	383.1	345.2	307.1	268.1	226.4
22.5°	584.6	545.2	515.4	488.4	462.6	429.6	391.0	352.3	313.5	274.0	232.0
20°	598.3	553.2	522.2	494.3	468.7	436.1	398.1	358.7	319.1	279.2	237.1
17.5°	611.7	562.4	529.0	499.9	473.3	441.9	404.3	364.2	324.1	283.8	241.6
15°	630.3	572.9	534.8	504.6	477.1	446.8	409.6	369.0	328.3	287.6	245.6
12.5°	646.2	581.7	539.6	508.6	480.2	450.9	414.0	373.0	331.9	291.0	249.2
10°	659.1	588.7	543.4	511.6	482.6	454.1	417.4	376.3	335.2	294.0	252.1
7.5°	668.9	593.9	546.1	513.7	484.3	456.5	420.6	379.3	337.8	296.3	254.4
5°	675.6	597.3	548.4	515.0	485.2	457.9	423.0	381.4	339.7	298.0	256.1
2.5°	679.1	598.9	550.0	515.3	485.4	458.3	424.4	382.7	340.8	299.0	257.1
0°	679.3	598.5	550.6	514.7	484.8	457.9	424.9	383.1	341.2	299.3	257.4
-2.5°	679.1	598.9	550.0	515.3	485.4	458.3	424.4	382.7	340.8	299.0	257.1
-5°	675.6	597.3	548.4	515.0	485.2	457.9	423.0	381.4	339.7	298.0	256.1
-7.5°	668.9	593.9	546.1	513.7	484.3	456.5	420.6	379.3	337.8	296.3	254.4
-10°	659.1	588.7	543.4	511.6	482.6	454.1	417.4	376.3	335.2	294.0	252.1
-12.5°	646.2	581.7	539.6	508.6	480.2	450.9	414.0	373.0	331.9	291.0	249.2
-15°	630.3	572.9	534.8	504.6	477.1	446.8	409.6	369.0	328.3	287.6	245.6
-17.5°	611.7	562.4	529.0	499.9	473.3	441.9	404.3	364.2	324.1	283.8	241.6
-20°	598.3	553.2	522.2	494.3	468.7	436.1	398.1	358.7	319.1	279.2	237.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626977 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	584.6	545.2	515.4	488.4	462.6	429.6	391.0	352.3	313.5	274.0	232.0
-25°	569.2	535.4	507.9	482.2	454.5	420.8	383.1	345.2	307.1	268.1	226.4
-27.5°	555.8	524.7	499.9	475.0	446.1	411.2	374.4	337.3	300.0	261.5	220.3
-30°	542.0	515.4	491.3	466.5	437.3	401.1	364.8	328.7	291.9	254.0	213.6
-32.5°	527.5	505.7	481.7	456.3	426.0	390.0	354.5	319.4	283.1	245.7	206.9
-35°	515.4	494.1	471.0	445.8	412.9	377.9	343.4	309.4	273.5	236.9	199.8
-37.5°	501.8	481.2	459.4	432.9	398.6	364.8	331.4	298.1	263.2	227.6	192.1
-40°	487.7	467.6	446.5	416.3	383.3	350.7	318.5	286.0	252.2	217.8	183.9
-42.5°	473.2	452.8	428.9	398.7	366.9	335.7	304.8	273.4	240.8	207.8	175.1
-45°	456.3	435.8	410.3	380.3	349.6	319.8	290.4	260.3	228.9	197.2	165.9
-47.5°	438.2	417.0	390.6	361.2	331.5	303.2	275.6	246.4	216.4	186.1	156.2
-50°	419.7	396.6	369.3	341.4	313.1	286.7	260.2	232.0	203.4	174.5	146.1
-52.5°	397.7	373.1	347.3	320.9	294.8	269.8	243.7	217.0	190.0	162.5	135.5
-55°	372.5	349.0	324.6	299.8	275.6	251.5	226.8	201.6	176.1	150.0	124.6
-57.5°	345.7	324.1	300.8	277.8	254.8	232.1	209.3	185.7	161.4	137.0	114.8
-60°	317.1	296.5	275.6	253.8	232.5	212.0	191.4	169.1	146.2	124.0	104.7
-62.5°	285.9	267.5	248.2	228.5	209.8	191.4	172.8	151.6	130.6	112.0	94.3
-65°	253.8	237.0	219.7	203.2	186.7	170.1	152.7	133.5	116.1	99.7	83.7
-67.5°	221.2	206.9	192.2	177.6	163.2	148.1	132.1	116.7	101.8	87.1	72.9
-70°	190.1	177.4	164.9	152.5	139.6	126.1	113.4	100.3	87.1	74.6	62.0
-72.5°	159.6	149.3	138.5	127.6	116.9	106.0	94.9	83.7	72.9	62.0	50.8
-75°	130.0	121.6	113.0	104.2	95.1	85.8	77.0	67.8	58.5	49.1	41.0
-77.5°	102.0	95.1	88.0	81.5	74.7	67.5	59.8	51.8	44.8	38.4	31.5
-80°	75.8	71.1	66.2	61.1	55.2	49.0	43.6	38.4	33.3	27.8	22.0
-82.5°	51.7	48.4	45.1	41.6	37.5	33.6	29.7	25.9	21.7	17.2	14.1
-85°	29.5	27.4	25.1	22.8	20.4	18.0	16.6	15.2	13.2	11.3	9.5
-87.5°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.6	5.6	4.7
-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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CATALOG NUMBER: GFLD-SA2D-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°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
80°	16.0	12.9	10.4	7.8	5.2	2.6	0.0
77.5°	24.4	17.4	12.9	9.7	6.5	3.2	0.0
75°	32.6	24.4	16.0	11.6	7.8	3.9	0.0
72.5°	40.8	31.2	21.5	13.5	9.0	4.5	0.0
70°	49.1	38.0	26.9	15.8	10.2	5.1	0.0
67.5°	58.5	44.6	32.2	19.8	11.5	5.7	0.0
65°	67.6	51.7	37.5	23.7	12.7	6.3	0.0
62.5°	76.5	59.0	42.6	27.6	13.8	6.9	0.0
60°	85.2	66.2	47.6	31.3	15.0	7.5	0.0
57.5°	93.9	73.1	53.1	35.0	17.4	8.1	0.0
55°	102.5	79.9	58.5	38.6	19.7	8.6	0.0
52.5°	110.8	86.4	63.6	42.1	22.0	9.1	0.0
50°	118.9	93.2	68.6	45.4	24.2	9.6	0.0
47.5°	126.9	99.8	73.3	48.8	26.2	10.1	0.0
45°	135.2	106.2	77.9	52.2	28.2	10.6	0.0
42.5°	143.1	112.3	82.2	55.4	30.1	11.1	0.0
40°	150.6	118.2	86.6	58.4	31.9	11.5	0.0
37.5°	157.6	123.8	91.1	61.2	33.6	11.9	0.0
35°	164.3	129.3	95.3	63.8	35.2	12.3	0.0
32.5°	170.4	134.5	99.3	66.3	36.6	12.6	0.0
30°	176.1	139.3	103.1	68.6	38.0	13.0	0.0
27.5°	181.3	143.7	106.4	70.7	39.2	13.3	0.0
25°	186.1	147.8	109.4	72.6	40.3	13.6	0.0
22.5°	190.4	151.3	112.1	74.3	41.3	13.9	0.0
20°	194.1	154.4	114.6	75.8	42.2	14.1	0.0
17.5°	197.5	157.0	116.7	77.1	42.9	14.3	0.0
15°	200.6	159.3	118.5	78.3	43.6	14.5	0.0
12.5°	203.3	161.2	120.0	79.2	44.1	14.6	0.0
10°	205.5	162.7	121.2	79.9	44.5	14.8	0.0
7.5°	207.2	163.8	122.0	80.5	44.8	14.9	0.0
5°	208.5	164.5	122.6	80.8	44.9	14.9	0.0
2.5°	209.2	164.7	122.8	80.9	45.0	15.0	0.0
0°	209.5	164.6	122.7	80.8	44.9	15.0	0.0
-2.5°	209.2	164.7	122.8	80.9	45.0	15.0	0.0
-5°	208.5	164.5	122.6	80.8	44.9	14.9	0.0
-7.5°	207.2	163.8	122.0	80.5	44.8	14.9	0.0
-10°	205.5	162.7	121.2	79.9	44.5	14.8	0.0
-12.5°	203.3	161.2	120.0	79.2	44.1	14.6	0.0
-15°	200.6	159.3	118.5	78.3	43.6	14.5	0.0
-17.5°	197.5	157.0	116.7	77.1	42.9	14.3	0.0
-20°	194.1	154.4	114.6	75.8	42.2	14.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	190.4	151.3	112.1	74.3	41.3	13.9	0.0
-25°	186.1	147.8	109.4	72.6	40.3	13.6	0.0
-27.5°	181.3	143.7	106.4	70.7	39.2	13.3	0.0
-30°	176.1	139.3	103.1	68.6	38.0	13.0	0.0
-32.5°	170.4	134.5	99.3	66.3	36.6	12.6	0.0
-35°	164.3	129.3	95.3	63.8	35.2	12.3	0.0
-37.5°	157.6	123.8	91.1	61.2	33.6	11.9	0.0
-40°	150.6	118.2	86.6	58.4	31.9	11.5	0.0
-42.5°	143.1	112.3	82.2	55.4	30.1	11.1	0.0
-45°	135.2	106.2	77.9	52.2	28.2	10.6	0.0
-47.5°	126.9	99.8	73.3	48.8	26.2	10.1	0.0
-50°	118.9	93.2	68.6	45.4	24.2	9.6	0.0
-52.5°	110.8	86.4	63.6	42.1	22.0	9.1	0.0
-55°	102.5	79.9	58.5	38.6	19.7	8.6	0.0
-57.5°	93.9	73.1	53.1	35.0	17.4	8.1	0.0
-60°	85.2	66.2	47.6	31.3	15.0	7.5	0.0
-62.5°	76.5	59.0	42.6	27.6	13.8	6.9	0.0
-65°	67.6	51.7	37.5	23.7	12.7	6.3	0.0
-67.5°	58.5	44.6	32.2	19.8	11.5	5.7	0.0
-70°	49.1	38.0	26.9	15.8	10.2	5.1	0.0
-72.5°	40.8	31.2	21.5	13.5	9.0	4.5	0.0
-75°	32.6	24.4	16.0	11.6	7.8	3.9	0.0
-77.5°	24.4	17.4	12.9	9.7	6.5	3.2	0.0
-80°	16.0	12.9	10.4	7.8	5.2	2.6	0.0
-82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)