

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: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626967 (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-730-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N45
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

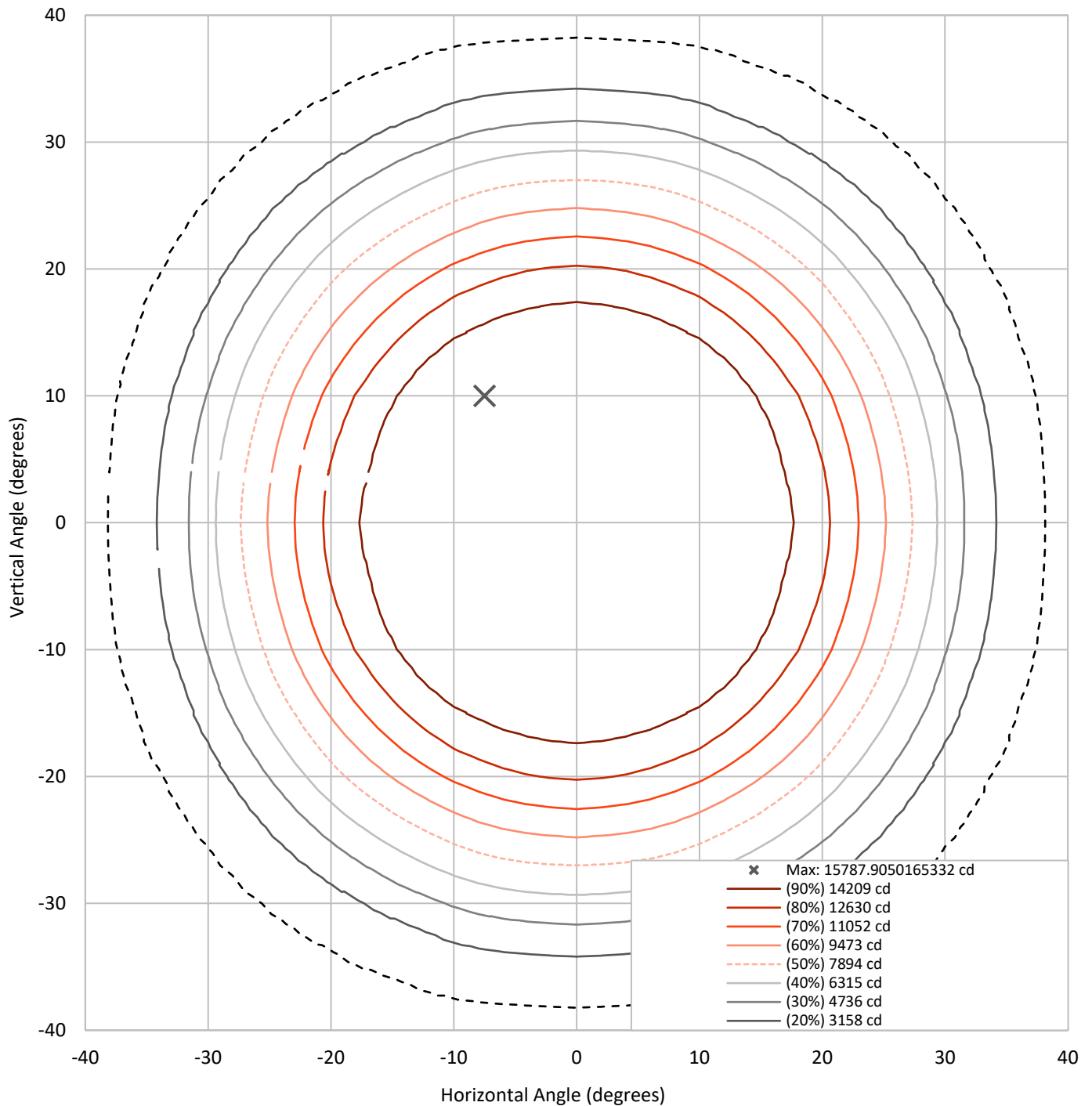
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	13437 lumens	Max Intensity:	15787.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	123.6 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:	8918.7 lumens	Field Lumens:	11596.8 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





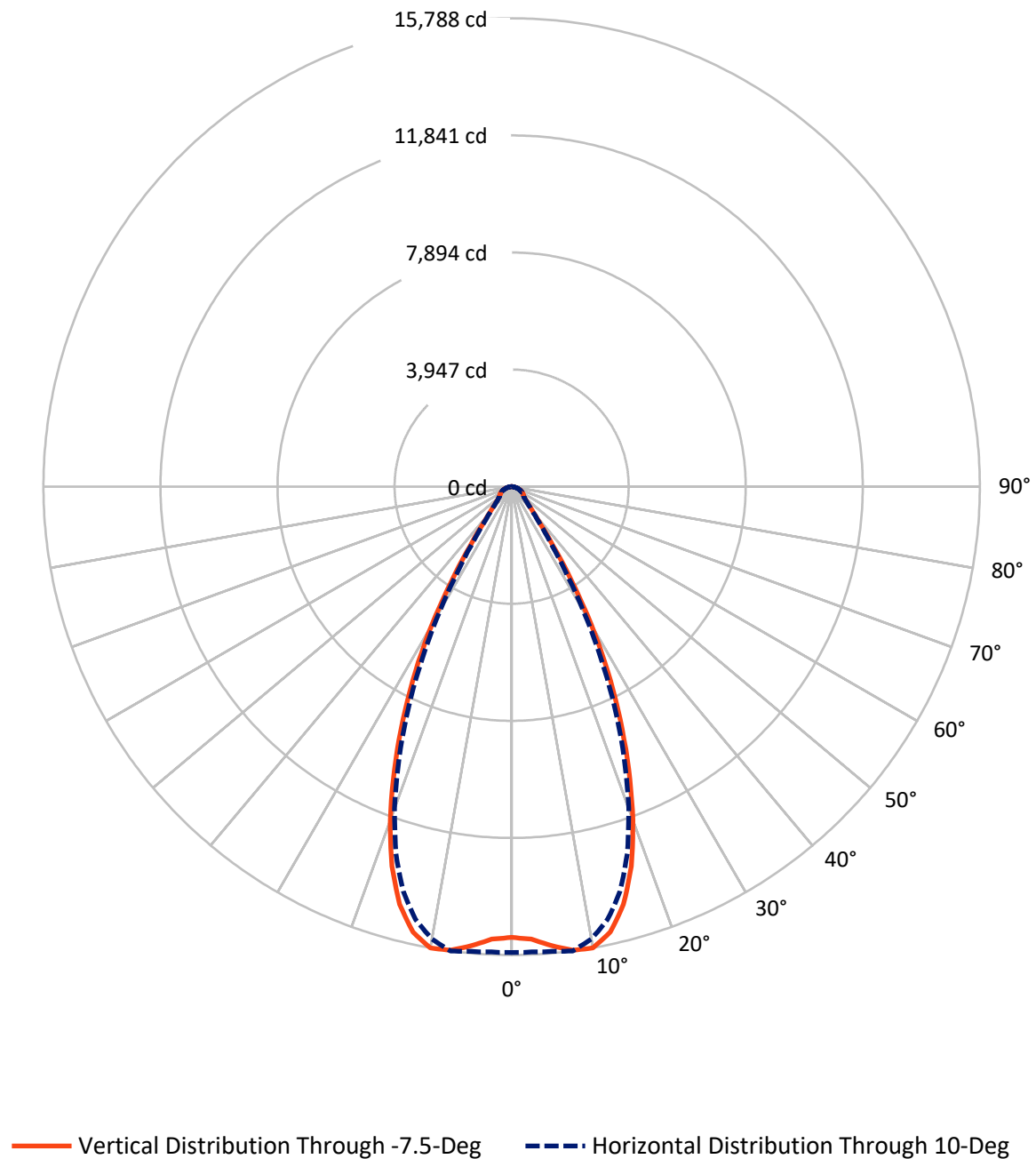
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Lumen Table

90																			
80	0.3	3.2		8.4		13.3		14.9		13.3		8.4		3.2		0.3			
70																			
60	1.4	1.6	3.3	5.4	7.5	9.1	10.3	10.9	10.9	10.3	9.1	7.5	5.4	3.3	1.6	1.4			
50		2.4	4.9	7.8	10.4	12.5	14.0	14.6	14.6	14.0	12.5	10.4	7.8	4.9	2.4				
40	2.5	3.1	6.1	9.4	12.6	16.4	20.6	23.7	23.7	20.6	16.4	12.6	9.4	6.1	3.1	2.5			
30		3.7	7.1	10.8	16.7	30.5	58.4	86.6	86.6	58.4	30.5	16.7	10.8	7.1	3.7				
20	3.3	4.1	7.8	12.6	27.5	86.3	193.5	270.2	270.2	193.5	86.3	27.5	12.6	7.8	4.1	3.3			
10		4.4	8.2	15.0	49.7	183.9	351.2	439.5	439.5	351.2	183.9	49.7	15.0	8.2	4.4				
0	3.5	4.6	8.4	16.9	71.6	251.6	426.0	463.5	463.5	426.0	251.6	71.6	16.9	8.4	4.6	3.5			
-10		4.6	8.4	16.9	71.6	251.6	426.0	463.5	463.5	426.0	251.6	71.6	16.9	8.4	4.6				
-20	3.3	4.4	8.2	15.0	49.7	183.9	351.2	439.5	439.5	351.2	183.9	49.7	15.0	8.2	4.4	3.3			
-30		4.1	7.8	12.6	27.5	86.3	193.5	270.2	270.2	193.5	86.3	27.5	12.6	7.8	4.1				
-40	2.5	3.7	7.1	10.8	16.7	30.5	58.4	86.6	86.6	58.4	30.5	16.7	10.8	7.1	3.7	2.5			
-50		3.1	6.1	9.4	12.6	16.4	20.6	23.7	23.7	20.6	16.4	12.6	9.4	6.1	3.1				
-60	1.4	2.4	4.9	7.8	10.4	12.5	14.0	14.6	14.6	14.0	12.5	10.4	7.8	4.9	2.4	1.4			
-70		1.6	3.3	5.4	7.5	9.1	10.3	10.9	10.9	10.3	9.1	7.5	5.4	3.3	1.6				
-80																			
-90	0.3	3.2		8.4		13.3		14.9		13.3		8.4		3.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

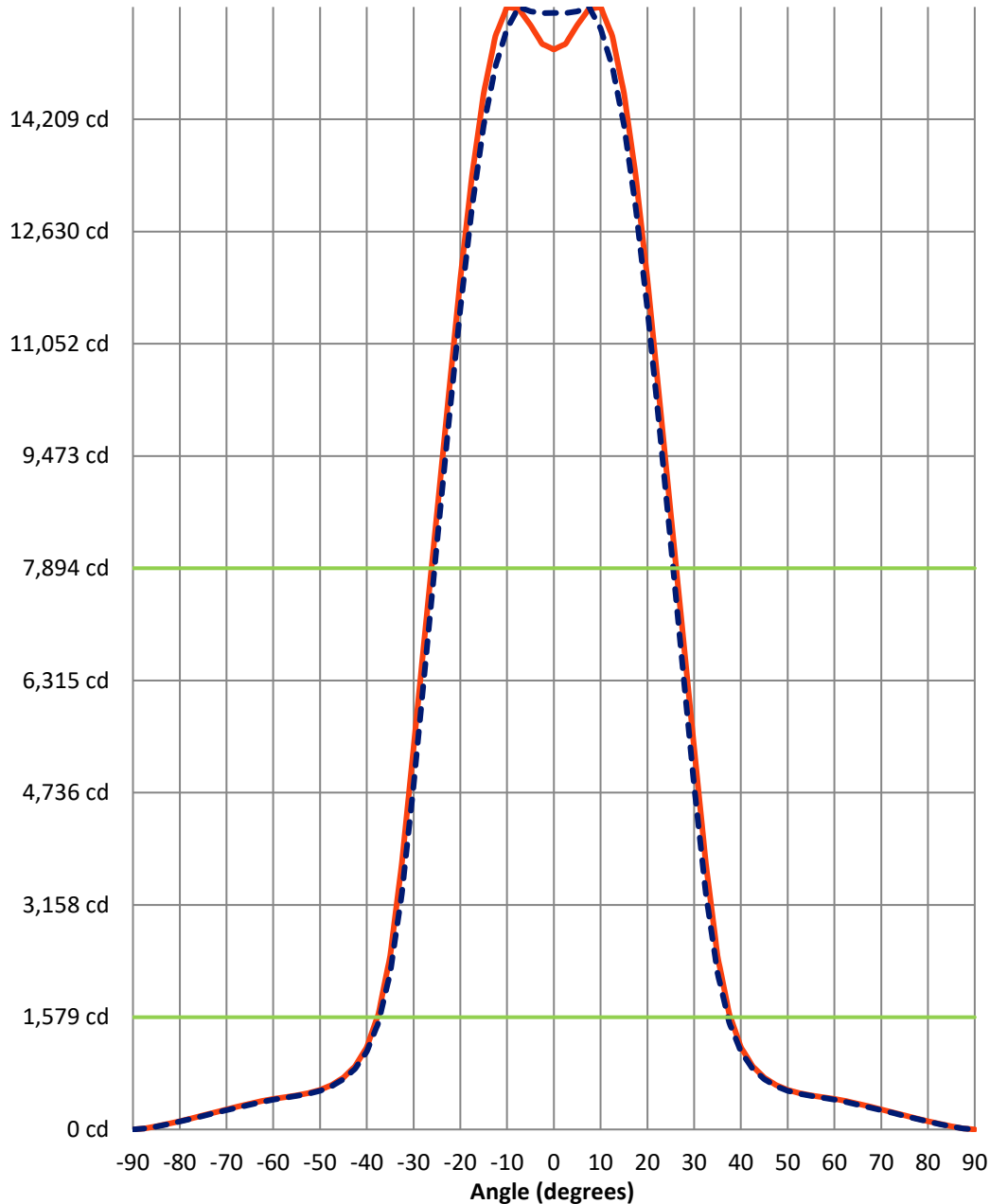
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 8918.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 11596.8
 Efficiency: 86.3%

Spill:
 Lumens: 1840.2
 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	0.6	1.2	1.8	2.4	3.0	3.6	4.4	5.2	6.1	7.0
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.7	10.4	12.1	14.0
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	13.0	15.8	20.0	23.9
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.7	20.3	25.6	30.7	35.4
77.5°	0.0	3.0	6.0	8.9	11.9	16.1	22.4	29.1	35.4	41.4	47.8
75°	0.0	3.6	7.1	10.7	14.7	22.4	30.1	37.8	45.3	54.0	62.6
72.5°	0.0	4.1	8.3	12.4	19.8	28.8	37.7	46.9	57.2	67.3	77.2
70°	0.0	4.7	9.4	14.5	24.8	35.0	45.3	57.2	68.9	80.4	92.5
67.5°	0.0	5.3	10.6	18.2	29.7	41.2	53.9	67.3	80.4	93.9	107.7
65°	0.0	5.8	11.7	21.9	34.6	47.7	62.4	77.2	92.0	107.2	123.3
62.5°	0.0	6.4	12.7	25.4	39.3	54.5	70.6	87.0	103.4	120.5	139.9
60°	0.0	6.9	13.8	28.9	44.0	61.1	78.7	96.6	114.5	135.0	156.1
57.5°	0.0	7.4	16.0	32.3	49.0	67.5	86.7	105.9	126.5	149.0	171.4
55°	0.0	7.9	18.2	35.6	54.0	73.7	94.6	115.0	138.5	162.5	186.1
52.5°	0.0	8.4	20.3	38.8	58.7	79.8	102.3	125.0	150.0	175.4	200.3
50°	0.0	8.9	22.3	41.9	63.3	86.1	109.8	134.8	161.1	187.8	214.2
47.5°	0.0	9.3	24.2	45.0	67.7	92.2	117.1	144.2	171.8	199.7	227.5
45°	0.0	9.8	26.0	48.1	71.9	98.0	124.8	153.2	182.0	211.3	240.3
42.5°	0.0	10.2	27.8	51.1	75.9	103.7	132.1	161.7	191.8	222.3	252.4
40°	0.0	10.6	29.4	53.9	80.0	109.1	139.0	169.7	201.1	232.8	264.1
37.5°	0.0	10.9	31.0	56.5	84.1	114.3	145.5	177.3	210.1	243.0	275.3
35°	0.0	11.3	32.4	58.9	88.0	119.3	151.6	184.4	218.7	252.5	285.7
32.5°	0.0	11.6	33.8	61.2	91.7	124.1	157.3	191.0	226.8	261.4	294.9
30°	0.0	12.0	35.0	63.3	95.1	128.6	162.6	197.2	234.5	269.5	303.5
27.5°	0.0	12.2	36.2	65.2	98.2	132.6	167.4	203.3	241.4	277.0	311.4
25°	0.0	12.5	37.2	67.0	101.0	136.4	171.8	209.0	247.5	283.6	318.7
22.5°	0.0	12.7	38.1	68.6	103.5	139.7	175.7	214.2	253.0	289.4	325.3
20°	0.0	13.0	38.9	70.0	105.8	142.5	179.2	218.9	257.8	294.6	331.1
17.5°	0.0	13.2	39.6	71.2	107.7	145.0	182.4	223.0	262.0	299.2	336.3
15°	0.0	13.3	40.2	72.3	109.4	147.1	185.2	226.7	265.5	303.1	340.7
12.5°	0.0	13.5	40.7	73.1	110.8	148.8	187.6	230.0	268.7	306.4	344.3
10°	0.0	13.6	41.0	73.8	111.9	150.2	189.7	232.8	271.4	309.4	347.4
7.5°	0.0	13.7	41.3	74.3	112.7	151.2	191.3	234.9	273.5	311.9	350.2
5°	0.0	13.7	41.4	74.6	113.2	151.8	192.4	236.4	275.1	313.6	352.1
2.5°	0.0	13.8	41.5	74.7	113.4	152.1	193.2	237.3	276.0	314.7	353.3
0°	0.0	13.8	41.4	74.6	113.3	152.0	193.4	237.6	276.3	315.0	353.7
-2.5°	0.0	13.8	41.5	74.7	113.4	152.1	193.2	237.3	276.0	314.7	353.3
-5°	0.0	13.7	41.4	74.6	113.2	151.8	192.4	236.4	275.1	313.6	352.1
-7.5°	0.0	13.7	41.3	74.3	112.7	151.2	191.3	234.9	273.5	311.9	350.2
-10°	0.0	13.6	41.0	73.8	111.9	150.2	189.7	232.8	271.4	309.4	347.4
-12.5°	0.0	13.5	40.7	73.1	110.8	148.8	187.6	230.0	268.7	306.4	344.3
-15°	0.0	13.3	40.2	72.3	109.4	147.1	185.2	226.7	265.5	303.1	340.7
-17.5°	0.0	13.2	39.6	71.2	107.7	145.0	182.4	223.0	262.0	299.2	336.3
-20°	0.0	13.0	38.9	70.0	105.8	142.5	179.2	218.9	257.8	294.6	331.1

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CATALOG NUMBER: GFLD-SA2D-730-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	12.7	38.1	68.6	103.5	139.7	175.7	214.2	253.0	289.4	325.3
-25°	0.0	12.5	37.2	67.0	101.0	136.4	171.8	209.0	247.5	283.6	318.7
-27.5°	0.0	12.2	36.2	65.2	98.2	132.6	167.4	203.3	241.4	277.0	311.4
-30°	0.0	12.0	35.0	63.3	95.1	128.6	162.6	197.2	234.5	269.5	303.5
-32.5°	0.0	11.6	33.8	61.2	91.7	124.1	157.3	191.0	226.8	261.4	294.9
-35°	0.0	11.3	32.4	58.9	88.0	119.3	151.6	184.4	218.7	252.5	285.7
-37.5°	0.0	10.9	31.0	56.5	84.1	114.3	145.5	177.3	210.1	243.0	275.3
-40°	0.0	10.6	29.4	53.9	80.0	109.1	139.0	169.7	201.1	232.8	264.1
-42.5°	0.0	10.2	27.8	51.1	75.9	103.7	132.1	161.7	191.8	222.3	252.4
-45°	0.0	9.8	26.0	48.1	71.9	98.0	124.8	153.2	182.0	211.3	240.3
-47.5°	0.0	9.3	24.2	45.0	67.7	92.2	117.1	144.2	171.8	199.7	227.5
-50°	0.0	8.9	22.3	41.9	63.3	86.1	109.8	134.8	161.1	187.8	214.2
-52.5°	0.0	8.4	20.3	38.8	58.7	79.8	102.3	125.0	150.0	175.4	200.3
-55°	0.0	7.9	18.2	35.6	54.0	73.7	94.6	115.0	138.5	162.5	186.1
-57.5°	0.0	7.4	16.0	32.3	49.0	67.5	86.7	105.9	126.5	149.0	171.4
-60°	0.0	6.9	13.8	28.9	44.0	61.1	78.7	96.6	114.5	135.0	156.1
-62.5°	0.0	6.4	12.7	25.4	39.3	54.5	70.6	87.0	103.4	120.5	139.9
-65°	0.0	5.8	11.7	21.9	34.6	47.7	62.4	77.2	92.0	107.2	123.3
-67.5°	0.0	5.3	10.6	18.2	29.7	41.2	53.9	67.3	80.4	93.9	107.7
-70°	0.0	4.7	9.4	14.5	24.8	35.0	45.3	57.2	68.9	80.4	92.5
-72.5°	0.0	4.1	8.3	12.4	19.8	28.8	37.7	46.9	57.2	67.3	77.2
-75°	0.0	3.6	7.1	10.7	14.7	22.4	30.1	37.8	45.3	54.0	62.6
-77.5°	0.0	3.0	6.0	8.9	11.9	16.1	22.4	29.1	35.4	41.4	47.8
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.7	20.3	25.6	30.7	35.4
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	13.0	15.8	20.0	23.9
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.7	10.4	12.1	14.0
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.4	5.2	6.1	7.0
-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-730-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°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
85°	15.3	16.6	18.8	21.0	23.2	25.3	27.2	29.2	31.0	32.8	34.4
82.5°	27.4	31.0	34.6	38.4	41.6	44.7	47.8	50.9	54.0	57.2	60.3
80°	40.3	45.3	51.0	56.4	61.1	65.7	70.0	74.2	78.7	83.6	88.6
77.5°	55.1	62.3	68.9	75.2	81.2	87.8	94.2	100.3	106.6	112.9	119.0
75°	71.1	79.2	87.7	96.2	104.3	112.2	120.0	127.9	135.8	143.7	151.3
72.5°	87.6	97.9	107.9	117.7	127.9	137.8	147.4	156.6	166.1	175.7	185.0
70°	104.7	116.4	128.8	140.8	152.3	163.8	175.5	186.7	197.7	208.9	220.0
67.5°	121.9	136.7	150.7	164.0	177.5	191.1	204.2	217.6	230.6	243.7	256.1
65°	140.9	157.1	172.4	187.6	202.9	218.8	234.3	249.3	264.4	279.0	292.1
62.5°	159.5	176.7	193.7	211.0	229.1	247.0	264.0	281.2	298.8	314.0	327.3
60°	176.7	195.7	214.7	234.4	254.5	273.7	292.8	311.5	330.3	347.9	358.8
57.5°	193.2	214.3	235.2	256.5	277.7	299.2	319.2	339.7	357.3	372.1	384.7
55°	209.4	232.2	254.5	276.8	299.7	322.2	344.0	363.5	380.6	392.9	405.1
52.5°	225.0	249.1	272.2	296.3	320.6	344.5	367.2	385.3	399.3	412.0	423.3
50°	240.2	264.7	289.1	315.2	340.9	366.1	387.5	403.4	417.6	430.0	441.9
47.5°	254.5	280.0	306.0	333.5	360.6	385.0	404.6	421.2	435.8	449.1	463.1
45°	268.2	295.3	322.8	351.2	378.8	402.3	421.3	439.2	452.8	467.8	483.9
42.5°	281.5	309.9	338.8	368.1	396.0	418.0	436.9	453.3	469.4	487.2	506.6
40°	294.1	323.8	353.9	384.4	412.2	431.8	450.3	467.7	487.2	508.2	530.8
37.5°	306.0	336.8	368.1	399.7	424.2	444.3	463.3	482.6	505.3	529.7	560.3
35°	317.1	348.9	381.2	411.6	434.9	456.2	475.8	497.5	523.9	555.8	595.0
32.5°	327.4	360.1	393.4	421.3	444.7	466.9	487.1	514.0	545.8	583.8	639.3
30°	336.9	370.4	403.8	430.7	453.6	475.9	500.4	530.8	567.9	623.4	694.5
27.5°	345.7	379.7	411.9	438.6	461.6	484.5	513.2	550.0	598.9	665.2	753.5
25°	353.7	388.6	419.7	445.2	468.9	494.3	525.5	566.9	631.3	716.8	836.1
22.5°	361.0	396.6	427.1	450.9	475.8	503.4	539.8	591.5	665.7	765.6	919.5
20°	367.6	402.7	432.7	456.3	482.2	510.8	552.4	614.9	704.4	833.7	1030.2
17.5°	373.3	408.0	436.9	461.5	488.4	519.3	564.8	635.1	738.7	893.1	1142.0
15°	378.2	412.6	440.5	465.9	493.8	528.9	581.9	661.5	778.5	954.8	1239.5
12.5°	382.2	416.3	443.4	469.6	498.3	537.1	596.6	686.4	819.9	1030.7	1383.1
10°	385.4	419.2	445.6	472.4	501.7	543.6	608.6	706.8	854.2	1096.5	1505.7
7.5°	388.4	421.4	447.2	474.3	504.2	548.4	617.6	722.5	880.5	1148.1	1602.7
5°	390.5	422.7	448.0	475.5	506.3	551.5	623.8	733.3	898.7	1185.0	1670.9
2.5°	391.9	423.1	448.1	475.8	507.9	552.9	627.0	739.4	912.9	1202.5	1707.6
0°	392.3	422.7	447.6	475.2	508.4	552.6	627.2	740.5	920.1	1201.9	1713.1
-2.5°	391.9	423.1	448.1	475.8	507.9	552.9	627.0	739.4	912.9	1202.5	1707.6
-5°	390.5	422.7	448.0	475.5	506.3	551.5	623.8	733.3	898.7	1185.0	1670.9
-7.5°	388.4	421.4	447.2	474.3	504.2	548.4	617.6	722.5	880.5	1148.1	1602.7
-10°	385.4	419.2	445.6	472.4	501.7	543.6	608.6	706.8	854.2	1096.5	1505.7
-12.5°	382.2	416.3	443.4	469.6	498.3	537.1	596.6	686.4	819.9	1030.7	1383.1
-15°	378.2	412.6	440.5	465.9	493.8	528.9	581.9	661.5	778.5	954.8	1239.5
-17.5°	373.3	408.0	436.9	461.5	488.4	519.3	564.8	635.1	738.7	893.1	1142.0
-20°	367.6	402.7	432.7	456.3	482.2	510.8	552.4	614.9	704.4	833.7	1030.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	361.0	396.6	427.1	450.9	475.8	503.4	539.8	591.5	665.7	765.6	919.5
-25°	353.7	388.6	419.7	445.2	468.9	494.3	525.5	566.9	631.3	716.8	836.1
-27.5°	345.7	379.7	411.9	438.6	461.6	484.5	513.2	550.0	598.9	665.2	753.5
-30°	336.9	370.4	403.8	430.7	453.6	475.9	500.4	530.8	567.9	623.4	694.5
-32.5°	327.4	360.1	393.4	421.3	444.7	466.9	487.1	514.0	545.8	583.8	639.3
-35°	317.1	348.9	381.2	411.6	434.9	456.2	475.8	497.5	523.9	555.8	595.0
-37.5°	306.0	336.8	368.1	399.7	424.2	444.3	463.3	482.6	505.3	529.7	560.3
-40°	294.1	323.8	353.9	384.4	412.2	431.8	450.3	467.7	487.2	508.2	530.8
-42.5°	281.5	309.9	338.8	368.1	396.0	418.0	436.9	453.3	469.4	487.2	506.6
-45°	268.2	295.3	322.8	351.2	378.8	402.3	421.3	439.2	452.8	467.8	483.9
-47.5°	254.5	280.0	306.0	333.5	360.6	385.0	404.6	421.2	435.8	449.1	463.1
-50°	240.2	264.7	289.1	315.2	340.9	366.1	387.5	403.4	417.6	430.0	441.9
-52.5°	225.0	249.1	272.2	296.3	320.6	344.5	367.2	385.3	399.3	412.0	423.3
-55°	209.4	232.2	254.5	276.8	299.7	322.2	344.0	363.5	380.6	392.9	405.1
-57.5°	193.2	214.3	235.2	256.5	277.7	299.2	319.2	339.7	357.3	372.1	384.7
-60°	176.7	195.7	214.7	234.4	254.5	273.7	292.8	311.5	330.3	347.9	358.8
-62.5°	159.5	176.7	193.7	211.0	229.1	247.0	264.0	281.2	298.8	314.0	327.3
-65°	140.9	157.1	172.4	187.6	202.9	218.8	234.3	249.3	264.4	279.0	292.1
-67.5°	121.9	136.7	150.7	164.0	177.5	191.1	204.2	217.6	230.6	243.7	256.1
-70°	104.7	116.4	128.8	140.8	152.3	163.8	175.5	186.7	197.7	208.9	220.0
-72.5°	87.6	97.9	107.9	117.7	127.9	137.8	147.4	156.6	166.1	175.7	185.0
-75°	71.1	79.2	87.7	96.2	104.3	112.2	120.0	127.9	135.8	143.7	151.3
-77.5°	55.1	62.3	68.9	75.2	81.2	87.8	94.2	100.3	106.6	112.9	119.0
-80°	40.3	45.3	51.0	56.4	61.1	65.7	70.0	74.2	78.7	83.6	88.6
-82.5°	27.4	31.0	34.6	38.4	41.6	44.7	47.8	50.9	54.0	57.2	60.3
-85°	15.3	16.6	18.8	21.0	23.2	25.3	27.2	29.2	31.0	32.8	34.4
-87.5°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
-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: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	13.6	13.4	13.2	12.9	12.5	13.4	14.3	15.2	16.0	15.5	15.0
85°	36.0	36.8	37.5	38.0	38.5	40.2	41.9	43.5	44.9	44.9	44.7
82.5°	63.3	65.3	67.1	68.6	70.0	72.0	73.8	75.4	76.7	77.7	78.5
80°	93.3	96.6	99.4	102.0	104.3	106.9	109.4	111.6	113.5	114.5	115.2
77.5°	124.9	129.8	134.1	138.2	142.1	145.9	149.5	152.6	155.4	156.0	155.8
75°	158.4	164.9	171.0	176.7	181.9	186.3	190.1	193.3	195.9	197.2	197.9
72.5°	193.8	201.7	208.9	215.4	220.9	225.5	229.5	233.0	235.9	237.8	238.9
70°	230.6	240.1	247.4	253.5	258.3	262.9	268.0	272.9	277.5	280.0	281.0
67.5°	267.6	277.4	284.1	289.7	294.0	298.5	305.0	310.8	316.0	319.5	321.7
65°	303.7	314.0	320.8	326.1	330.1	334.6	341.8	347.6	352.0	355.5	358.7
62.5°	339.4	349.8	357.4	363.7	369.5	374.4	380.4	385.3	389.0	392.5	396.4
60°	370.4	382.8	390.7	397.0	404.2	412.0	416.4	420.0	423.2	426.0	428.4
57.5°	395.7	406.7	416.8	424.5	432.0	439.2	444.4	447.8	450.6	452.7	453.5
55°	416.8	428.2	439.6	447.9	455.2	461.9	467.6	472.1	475.8	478.7	479.4
52.5°	435.8	448.6	459.7	469.2	479.0	487.0	493.2	499.3	504.6	508.8	510.7
50°	456.5	469.8	483.7	496.5	506.9	516.0	523.5	532.1	541.1	548.6	553.3
47.5°	478.2	493.6	510.3	526.1	538.4	551.8	564.4	577.1	593.9	608.0	618.4
45°	500.9	520.6	539.7	559.8	576.7	602.2	625.7	646.0	672.9	697.3	716.7
42.5°	527.7	552.3	575.7	607.9	641.7	676.3	713.8	745.7	787.8	830.6	865.1
40°	559.4	590.8	632.2	675.4	728.7	776.3	841.0	898.6	963.2	1044.7	1112.1
37.5°	597.6	646.0	703.5	763.8	846.9	926.1	1033.1	1145.7	1247.9	1404.8	1536.8
35°	647.2	714.9	790.7	897.4	1014.9	1163.5	1330.3	1547.8	1734.4	1999.1	2252.0
32.5°	711.2	798.2	921.9	1086.6	1260.3	1530.2	1794.8	2172.6	2522.4	2941.9	3394.6
30°	782.4	914.8	1103.8	1329.7	1653.7	2050.7	2517.2	3097.4	3732.4	4321.9	4902.9
27.5°	885.5	1075.3	1323.6	1688.1	2193.1	2748.5	3565.7	4353.3	5175.1	5905.5	6514.8
25°	1006.0	1256.8	1640.6	2177.4	2860.4	3811.5	4789.7	5761.8	6645.5	7410.2	8083.4
22.5°	1161.5	1522.2	2033.9	2729.3	3792.7	4932.6	6079.7	7152.0	8094.7	8946.2	9674.8
20°	1330.7	1782.0	2512.8	3549.7	4765.8	6064.5	7359.7	8501.9	9539.9	10505.4	11326.6
17.5°	1545.1	2177.2	3102.6	4346.5	5752.4	7175.3	8536.1	9775.6	10953.1	11974.8	12832.9
15°	1727.8	2525.2	3732.9	5191.7	6712.5	8213.5	9650.1	10996.4	12220.7	13269.0	14075.7
12.5°	1971.6	2915.2	4292.6	5918.4	7566.4	9145.8	10659.0	12050.5	13296.4	14333.2	14961.2
10°	2202.0	3319.0	4833.5	6529.0	8241.1	9923.9	11539.6	12966.7	14123.5	14948.3	15483.4
7.5°	2397.9	3666.0	5273.5	7022.6	8777.2	10536.6	12172.1	13560.6	14627.2	15316.0	15688.6
5°	2544.1	3925.5	5600.1	7423.6	9224.2	11014.4	12637.1	13940.6	14862.5	15374.2	15561.2
2.5°	2637.3	4077.8	5789.6	7686.7	9523.3	11316.7	12956.1	14239.2	15021.4	15360.5	15392.7
0°	2674.6	4097.5	5818.9	7824.8	9598.6	11402.9	13046.9	14362.1	15080.4	15359.5	15354.0
-2.5°	2637.3	4077.8	5789.6	7686.7	9523.3	11316.7	12956.1	14239.2	15021.4	15360.5	15392.7
-5°	2544.1	3925.5	5600.1	7423.6	9224.2	11014.4	12637.1	13940.6	14862.5	15374.2	15561.2
-7.5°	2397.9	3666.0	5273.5	7022.6	8777.2	10536.6	12172.1	13560.6	14627.2	15316.0	15688.6
-10°	2202.0	3319.0	4833.5	6529.0	8241.1	9923.9	11539.6	12966.7	14123.5	14948.3	15483.4
-12.5°	1971.6	2915.2	4292.6	5918.4	7566.4	9145.8	10659.0	12050.5	13296.4	14333.2	14961.2
-15°	1727.8	2525.2	3732.9	5191.7	6712.5	8213.5	9650.1	10996.4	12220.7	13269.0	14075.7
-17.5°	1545.1	2177.2	3102.6	4346.5	5752.4	7175.3	8536.1	9775.6	10953.1	11974.8	12832.9
-20°	1330.7	1782.0	2512.8	3549.7	4765.8	6064.5	7359.7	8501.9	9539.9	10505.4	11326.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1161.5	1522.2	2033.9	2729.3	3792.7	4932.6	6079.7	7152.0	8094.7	8946.2	9674.8
-25°	1006.0	1256.8	1640.6	2177.4	2860.4	3811.5	4789.7	5761.8	6645.5	7410.2	8083.4
-27.5°	885.5	1075.3	1323.6	1688.1	2193.1	2748.5	3565.7	4353.3	5175.1	5905.5	6514.8
-30°	782.4	914.8	1103.8	1329.7	1653.7	2050.7	2517.2	3097.4	3732.4	4321.9	4902.9
-32.5°	711.2	798.2	921.9	1086.6	1260.3	1530.2	1794.8	2172.6	2522.4	2941.9	3394.6
-35°	647.2	714.9	790.7	897.4	1014.9	1163.5	1330.3	1547.8	1734.4	1999.1	2252.0
-37.5°	597.6	646.0	703.5	763.8	846.9	926.1	1033.1	1145.7	1247.9	1404.8	1536.8
-40°	559.4	590.8	632.2	675.4	728.7	776.3	841.0	898.6	963.2	1044.7	1112.1
-42.5°	527.7	552.3	575.7	607.9	641.7	676.3	713.8	745.7	787.8	830.6	865.1
-45°	500.9	520.6	539.7	559.8	576.7	602.2	625.7	646.0	672.9	697.3	716.7
-47.5°	478.2	493.6	510.3	526.1	538.4	551.8	564.4	577.1	593.9	608.0	618.4
-50°	456.5	469.8	483.7	496.5	506.9	516.0	523.5	532.1	541.1	548.6	553.3
-52.5°	435.8	448.6	459.7	469.2	479.0	487.0	493.2	499.3	504.6	508.8	510.7
-55°	416.8	428.2	439.6	447.9	455.2	461.9	467.6	472.1	475.8	478.7	479.4
-57.5°	395.7	406.7	416.8	424.5	432.0	439.2	444.4	447.8	450.6	452.7	453.5
-60°	370.4	382.8	390.7	397.0	404.2	412.0	416.4	420.0	423.2	426.0	428.4
-62.5°	339.4	349.8	357.4	363.7	369.5	374.4	380.4	385.3	389.0	392.5	396.4
-65°	303.7	314.0	320.8	326.1	330.1	334.6	341.8	347.6	352.0	355.5	358.7
-67.5°	267.6	277.4	284.1	289.7	294.0	298.5	305.0	310.8	316.0	319.5	321.7
-70°	230.6	240.1	247.4	253.5	258.3	262.9	268.0	272.9	277.5	280.0	281.0
-72.5°	193.8	201.7	208.9	215.4	220.9	225.5	229.5	233.0	235.9	237.8	238.9
-75°	158.4	164.9	171.0	176.7	181.9	186.3	190.1	193.3	195.9	197.2	197.9
-77.5°	124.9	129.8	134.1	138.2	142.1	145.9	149.5	152.6	155.4	156.0	155.8
-80°	93.3	96.6	99.4	102.0	104.3	106.9	109.4	111.6	113.5	114.5	115.2
-82.5°	63.3	65.3	67.1	68.6	70.0	72.0	73.8	75.4	76.7	77.7	78.5
-85°	36.0	36.8	37.5	38.0	38.5	40.2	41.9	43.5	44.9	44.9	44.7
-87.5°	13.6	13.4	13.2	12.9	12.5	13.4	14.3	15.2	16.0	15.5	15.0
-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: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	14.4	13.7	13.8	13.8	13.8	13.7	14.4	15.0	15.5	16.0	15.2
85°	44.4	44.0	42.7	41.4	42.7	44.0	44.4	44.7	44.9	44.9	43.5
82.5°	79.2	79.7	78.7	77.4	78.7	79.7	79.2	78.5	77.7	76.7	75.4
80°	115.5	115.5	114.5	113.3	114.5	115.5	115.5	115.2	114.5	113.5	111.6
77.5°	155.2	154.1	154.5	154.7	154.5	154.1	155.2	155.8	156.0	155.4	152.6
75°	198.2	198.0	197.3	196.2	197.3	198.0	198.2	197.9	197.2	195.9	193.3
72.5°	239.4	239.4	238.8	237.6	238.8	239.4	239.4	238.9	237.8	235.9	233.0
70°	281.3	280.7	281.5	281.8	281.5	280.7	281.3	281.0	280.0	277.5	272.9
67.5°	323.4	324.5	324.4	323.3	324.4	324.5	323.4	321.7	319.5	316.0	310.8
65°	361.2	363.1	364.3	364.7	364.3	363.1	361.2	358.7	355.5	352.0	347.6
62.5°	399.5	401.6	401.8	400.6	401.8	401.6	399.5	396.4	392.5	389.0	385.3
60°	429.7	430.0	429.5	428.3	429.5	430.0	429.7	428.4	426.0	423.2	420.0
57.5°	453.4	452.6	451.7	450.4	451.7	452.6	453.4	453.5	452.7	450.6	447.8
55°	479.0	477.7	476.5	475.2	476.5	477.7	479.0	479.4	478.7	475.8	472.1
52.5°	511.1	510.4	509.6	508.4	509.6	510.4	511.1	510.7	508.8	504.6	499.3
50°	555.7	556.4	556.3	555.4	556.3	556.4	555.7	553.3	548.6	541.1	532.1
47.5°	625.0	628.7	631.2	632.7	631.2	628.7	625.0	618.4	608.0	593.9	577.1
45°	729.0	736.4	741.6	746.0	741.6	736.4	729.0	716.7	697.3	672.9	646.0
42.5°	889.4	906.0	913.8	911.8	913.8	906.0	889.4	865.1	830.6	787.8	745.7
40°	1157.0	1183.7	1198.5	1210.2	1198.5	1183.7	1157.0	1112.1	1044.7	963.2	898.6
37.5°	1627.0	1678.7	1705.9	1729.6	1705.9	1678.7	1627.0	1536.8	1404.8	1247.9	1145.7
35°	2441.0	2557.4	2619.7	2641.4	2619.7	2557.4	2441.0	2252.0	1999.1	1734.4	1547.8
32.5°	3746.9	3961.6	4080.4	4172.1	4080.4	3961.6	3746.9	3394.6	2941.9	2522.4	2172.6
30°	5363.0	5645.9	5803.0	5879.7	5803.0	5645.9	5363.0	4902.9	4321.9	3732.4	3097.4
27.5°	7019.7	7341.3	7510.7	7501.5	7510.7	7341.3	7019.7	6514.8	5905.5	5175.1	4353.3
25°	8660.4	9032.9	9201.7	9352.7	9201.7	9032.9	8660.4	8083.4	7410.2	6645.5	5761.8
22.5°	10319.8	10755.4	10993.0	11104.5	10993.0	10755.4	10319.8	9674.8	8946.2	8094.7	7152.0
20°	11959.5	12444.3	12696.6	12806.5	12696.6	12444.3	11959.5	11326.6	10505.4	9539.9	8501.9
17.5°	13413.7	13887.0	14127.5	14229.4	14127.5	13887.0	13413.7	12832.9	11974.8	10953.1	9775.6
15°	14574.9	14924.0	15128.5	15182.7	15128.5	14924.0	14574.9	14075.7	13269.0	12220.7	10996.4
12.5°	15377.6	15512.8	15611.1	15641.3	15611.1	15512.8	15377.6	14961.2	14333.2	13296.4	12050.5
10°	15787.9	15726.9	15701.6	15704.9	15701.6	15726.9	15787.9	15483.4	14948.3	14123.5	12966.7
7.5°	15759.6	15669.3	15487.8	15459.0	15487.8	15669.3	15759.6	15688.6	15316.0	14627.2	13560.6
5°	15533.3	15368.7	15067.5	14981.0	15067.5	15368.7	15533.3	15561.2	15374.2	14862.5	13940.6
2.5°	15269.3	14972.8	14695.4	14516.8	14695.4	14972.8	15269.3	15392.7	15360.5	15021.4	14239.2
0°	15191.0	14848.3	14489.2	14373.1	14489.2	14848.3	15191.0	15354.0	15359.5	15080.4	14362.1
-2.5°	15269.3	14972.8	14695.4	14516.8	14695.4	14972.8	15269.3	15392.7	15360.5	15021.4	14239.2
-5°	15533.3	15368.7	15067.5	14981.0	15067.5	15368.7	15533.3	15561.2	15374.2	14862.5	13940.6
-7.5°	15759.6	15669.3	15487.8	15459.0	15487.8	15669.3	15759.6	15688.6	15316.0	14627.2	13560.6
-10°	15787.9	15726.9	15701.6	15704.9	15701.6	15726.9	15787.9	15483.4	14948.3	14123.5	12966.7
-12.5°	15377.6	15512.8	15611.1	15641.3	15611.1	15512.8	15377.6	14961.2	14333.2	13296.4	12050.5
-15°	14574.9	14924.0	15128.5	15182.7	15128.5	14924.0	14574.9	14075.7	13269.0	12220.7	10996.4
-17.5°	13413.7	13887.0	14127.5	14229.4	14127.5	13887.0	13413.7	12832.9	11974.8	10953.1	9775.6
-20°	11959.5	12444.3	12696.6	12806.5	12696.6	12444.3	11959.5	11326.6	10505.4	9539.9	8501.9



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	10319.8	10755.4	10993.0	11104.5	10993.0	10755.4	10319.8	9674.8	8946.2	8094.7	7152.0
-25°	8660.4	9032.9	9201.7	9352.7	9201.7	9032.9	8660.4	8083.4	7410.2	6645.5	5761.8
-27.5°	7019.7	7341.3	7510.7	7501.5	7510.7	7341.3	7019.7	6514.8	5905.5	5175.1	4353.3
-30°	5363.0	5645.9	5803.0	5879.7	5803.0	5645.9	5363.0	4902.9	4321.9	3732.4	3097.4
-32.5°	3746.9	3961.6	4080.4	4172.1	4080.4	3961.6	3746.9	3394.6	2941.9	2522.4	2172.6
-35°	2441.0	2557.4	2619.7	2641.4	2619.7	2557.4	2441.0	2252.0	1999.1	1734.4	1547.8
-37.5°	1627.0	1678.7	1705.9	1729.6	1705.9	1678.7	1627.0	1536.8	1404.8	1247.9	1145.7
-40°	1157.0	1183.7	1198.5	1210.2	1198.5	1183.7	1157.0	1112.1	1044.7	963.2	898.6
-42.5°	889.4	906.0	913.8	911.8	913.8	906.0	889.4	865.1	830.6	787.8	745.7
-45°	729.0	736.4	741.6	746.0	741.6	736.4	729.0	716.7	697.3	672.9	646.0
-47.5°	625.0	628.7	631.2	632.7	631.2	628.7	625.0	618.4	608.0	593.9	577.1
-50°	555.7	556.4	556.3	555.4	556.3	556.4	555.7	553.3	548.6	541.1	532.1
-52.5°	511.1	510.4	509.6	508.4	509.6	510.4	511.1	510.7	508.8	504.6	499.3
-55°	479.0	477.7	476.5	475.2	476.5	477.7	479.0	479.4	478.7	475.8	472.1
-57.5°	453.4	452.6	451.7	450.4	451.7	452.6	453.4	453.5	452.7	450.6	447.8
-60°	429.7	430.0	429.5	428.3	429.5	430.0	429.7	428.4	426.0	423.2	420.0
-62.5°	399.5	401.6	401.8	400.6	401.8	401.6	399.5	396.4	392.5	389.0	385.3
-65°	361.2	363.1	364.3	364.7	364.3	363.1	361.2	358.7	355.5	352.0	347.6
-67.5°	323.4	324.5	324.4	323.3	324.4	324.5	323.4	321.7	319.5	316.0	310.8
-70°	281.3	280.7	281.5	281.8	281.5	280.7	281.3	281.0	280.0	277.5	272.9
-72.5°	239.4	239.4	238.8	237.6	238.8	239.4	239.4	238.9	237.8	235.9	233.0
-75°	198.2	198.0	197.3	196.2	197.3	198.0	198.2	197.9	197.2	195.9	193.3
-77.5°	155.2	154.1	154.5	154.7	154.5	154.1	155.2	155.8	156.0	155.4	152.6
-80°	115.5	115.5	114.5	113.3	114.5	115.5	115.5	115.2	114.5	113.5	111.6
-82.5°	79.2	79.7	78.7	77.4	78.7	79.7	79.2	78.5	77.7	76.7	75.4
-85°	44.4	44.0	42.7	41.4	42.7	44.0	44.4	44.7	44.9	44.9	43.5
-87.5°	14.4	13.7	13.8	13.8	13.8	13.7	14.4	15.0	15.5	16.0	15.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	14.3	13.4	12.5	12.9	13.2	13.4	13.6	13.2	12.7	12.2	11.7
85°	41.9	40.2	38.5	38.0	37.5	36.8	36.0	34.4	32.8	31.0	29.2
82.5°	73.8	72.0	70.0	68.6	67.1	65.3	63.3	60.3	57.2	54.0	50.9
80°	109.4	106.9	104.3	102.0	99.4	96.6	93.3	88.6	83.6	78.7	74.2
77.5°	149.5	145.9	142.1	138.2	134.1	129.8	124.9	119.0	112.9	106.6	100.3
75°	190.1	186.3	181.9	176.7	171.0	164.9	158.4	151.3	143.7	135.8	127.9
72.5°	229.5	225.5	220.9	215.4	208.9	201.7	193.8	185.0	175.7	166.1	156.6
70°	268.0	262.9	258.3	253.5	247.4	240.1	230.6	220.0	208.9	197.7	186.7
67.5°	305.0	298.5	294.0	289.7	284.1	277.4	267.6	256.1	243.7	230.6	217.6
65°	341.8	334.6	330.1	326.1	320.8	314.0	303.7	292.1	279.0	264.4	249.3
62.5°	380.4	374.4	369.5	363.7	357.4	349.8	339.4	327.3	314.0	298.8	281.2
60°	416.4	412.0	404.2	397.0	390.7	382.8	370.4	358.8	347.9	330.3	311.5
57.5°	444.4	439.2	432.0	424.5	416.8	406.7	395.7	384.7	372.1	357.3	339.7
55°	467.6	461.9	455.2	447.9	439.6	428.2	416.8	405.1	392.9	380.6	363.5
52.5°	493.2	487.0	479.0	469.2	459.7	448.6	435.8	423.3	412.0	399.3	385.3
50°	523.5	516.0	506.9	496.5	483.7	469.8	456.5	441.9	430.0	417.6	403.4
47.5°	564.4	551.8	538.4	526.1	510.3	493.6	478.2	463.1	449.1	435.8	421.2
45°	625.7	602.2	576.7	559.8	539.7	520.6	500.9	483.9	467.8	452.8	439.2
42.5°	713.8	676.3	641.7	607.9	575.7	552.3	527.7	506.6	487.2	469.4	453.3
40°	841.0	776.3	728.7	675.4	632.2	590.8	559.4	530.8	508.2	487.2	467.7
37.5°	1033.1	926.1	846.9	763.8	703.5	646.0	597.6	560.3	529.7	505.3	482.6
35°	1330.3	1163.5	1014.9	897.4	790.7	714.9	647.2	595.0	555.8	523.9	497.5
32.5°	1794.8	1530.2	1260.3	1086.6	921.9	798.2	711.2	639.3	583.8	545.8	514.0
30°	2517.2	2050.7	1653.7	1329.7	1103.8	914.8	782.4	694.5	623.4	567.9	530.8
27.5°	3565.7	2748.5	2193.1	1688.1	1323.6	1075.3	885.5	753.5	665.2	598.9	550.0
25°	4789.7	3811.5	2860.4	2177.4	1640.6	1256.8	1006.0	836.1	716.8	631.3	566.9
22.5°	6079.7	4932.6	3792.7	2729.3	2033.9	1522.2	1161.5	919.5	765.6	665.7	591.5
20°	7359.7	6064.5	4765.8	3549.7	2512.8	1782.0	1330.7	1030.2	833.7	704.4	614.9
17.5°	8536.1	7175.3	5752.4	4346.5	3102.6	2177.2	1545.1	1142.0	893.1	738.7	635.1
15°	9650.1	8213.5	6712.5	5191.7	3732.9	2525.2	1727.8	1239.5	954.8	778.5	661.5
12.5°	10659.0	9145.8	7566.4	5918.4	4292.6	2915.2	1971.6	1383.1	1030.7	819.9	686.4
10°	11539.6	9923.9	8241.1	6529.0	4833.5	3319.0	2202.0	1505.7	1096.5	854.2	706.8
7.5°	12172.1	10536.6	8777.2	7022.6	5273.5	3666.0	2397.9	1602.7	1148.1	880.5	722.5
5°	12637.1	11014.4	9224.2	7423.6	5600.1	3925.5	2544.1	1670.9	1185.0	898.7	733.3
2.5°	12956.1	11316.7	9523.3	7686.7	5789.6	4077.8	2637.3	1707.6	1202.5	912.9	739.4
0°	13046.9	11402.9	9598.6	7824.8	5818.9	4097.5	2674.6	1713.1	1201.9	920.1	740.5
-2.5°	12956.1	11316.7	9523.3	7686.7	5789.6	4077.8	2637.3	1707.6	1202.5	912.9	739.4
-5°	12637.1	11014.4	9224.2	7423.6	5600.1	3925.5	2544.1	1670.9	1185.0	898.7	733.3
-7.5°	12172.1	10536.6	8777.2	7022.6	5273.5	3666.0	2397.9	1602.7	1148.1	880.5	722.5
-10°	11539.6	9923.9	8241.1	6529.0	4833.5	3319.0	2202.0	1505.7	1096.5	854.2	706.8
-12.5°	10659.0	9145.8	7566.4	5918.4	4292.6	2915.2	1971.6	1383.1	1030.7	819.9	686.4
-15°	9650.1	8213.5	6712.5	5191.7	3732.9	2525.2	1727.8	1239.5	954.8	778.5	661.5
-17.5°	8536.1	7175.3	5752.4	4346.5	3102.6	2177.2	1545.1	1142.0	893.1	738.7	635.1
-20°	7359.7	6064.5	4765.8	3549.7	2512.8	1782.0	1330.7	1030.2	833.7	704.4	614.9



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6079.7	4932.6	3792.7	2729.3	2033.9	1522.2	1161.5	919.5	765.6	665.7	591.5
-25°	4789.7	3811.5	2860.4	2177.4	1640.6	1256.8	1006.0	836.1	716.8	631.3	566.9
-27.5°	3565.7	2748.5	2193.1	1688.1	1323.6	1075.3	885.5	753.5	665.2	598.9	550.0
-30°	2517.2	2050.7	1653.7	1329.7	1103.8	914.8	782.4	694.5	623.4	567.9	530.8
-32.5°	1794.8	1530.2	1260.3	1086.6	921.9	798.2	711.2	639.3	583.8	545.8	514.0
-35°	1330.3	1163.5	1014.9	897.4	790.7	714.9	647.2	595.0	555.8	523.9	497.5
-37.5°	1033.1	926.1	846.9	763.8	703.5	646.0	597.6	560.3	529.7	505.3	482.6
-40°	841.0	776.3	728.7	675.4	632.2	590.8	559.4	530.8	508.2	487.2	467.7
-42.5°	713.8	676.3	641.7	607.9	575.7	552.3	527.7	506.6	487.2	469.4	453.3
-45°	625.7	602.2	576.7	559.8	539.7	520.6	500.9	483.9	467.8	452.8	439.2
-47.5°	564.4	551.8	538.4	526.1	510.3	493.6	478.2	463.1	449.1	435.8	421.2
-50°	523.5	516.0	506.9	496.5	483.7	469.8	456.5	441.9	430.0	417.6	403.4
-52.5°	493.2	487.0	479.0	469.2	459.7	448.6	435.8	423.3	412.0	399.3	385.3
-55°	467.6	461.9	455.2	447.9	439.6	428.2	416.8	405.1	392.9	380.6	363.5
-57.5°	444.4	439.2	432.0	424.5	416.8	406.7	395.7	384.7	372.1	357.3	339.7
-60°	416.4	412.0	404.2	397.0	390.7	382.8	370.4	358.8	347.9	330.3	311.5
-62.5°	380.4	374.4	369.5	363.7	357.4	349.8	339.4	327.3	314.0	298.8	281.2
-65°	341.8	334.6	330.1	326.1	320.8	314.0	303.7	292.1	279.0	264.4	249.3
-67.5°	305.0	298.5	294.0	289.7	284.1	277.4	267.6	256.1	243.7	230.6	217.6
-70°	268.0	262.9	258.3	253.5	247.4	240.1	230.6	220.0	208.9	197.7	186.7
-72.5°	229.5	225.5	220.9	215.4	208.9	201.7	193.8	185.0	175.7	166.1	156.6
-75°	190.1	186.3	181.9	176.7	171.0	164.9	158.4	151.3	143.7	135.8	127.9
-77.5°	149.5	145.9	142.1	138.2	134.1	129.8	124.9	119.0	112.9	106.6	100.3
-80°	109.4	106.9	104.3	102.0	99.4	96.6	93.3	88.6	83.6	78.7	74.2
-82.5°	73.8	72.0	70.0	68.6	67.1	65.3	63.3	60.3	57.2	54.0	50.9
-85°	41.9	40.2	38.5	38.0	37.5	36.8	36.0	34.4	32.8	31.0	29.2
-87.5°	14.3	13.4	12.5	12.9	13.2	13.4	13.6	13.2	12.7	12.2	11.7
-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: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.1	5.2	4.4
85°	27.2	25.3	23.2	21.0	18.8	16.6	15.3	14.0	12.1	10.4	8.7
82.5°	47.8	44.7	41.6	38.4	34.6	31.0	27.4	23.9	20.0	15.8	13.0
80°	70.0	65.7	61.1	56.4	51.0	45.3	40.3	35.4	30.7	25.6	20.3
77.5°	94.2	87.8	81.2	75.2	68.9	62.3	55.1	47.8	41.4	35.4	29.1
75°	120.0	112.2	104.3	96.2	87.7	79.2	71.1	62.6	54.0	45.3	37.8
72.5°	147.4	137.8	127.9	117.7	107.9	97.9	87.6	77.2	67.3	57.2	46.9
70°	175.5	163.8	152.3	140.8	128.8	116.4	104.7	92.5	80.4	68.9	57.2
67.5°	204.2	191.1	177.5	164.0	150.7	136.7	121.9	107.7	93.9	80.4	67.3
65°	234.3	218.8	202.9	187.6	172.4	157.1	140.9	123.3	107.2	92.0	77.2
62.5°	264.0	247.0	229.1	211.0	193.7	176.7	159.5	139.9	120.5	103.4	87.0
60°	292.8	273.7	254.5	234.4	214.7	195.7	176.7	156.1	135.0	114.5	96.6
57.5°	319.2	299.2	277.7	256.5	235.2	214.3	193.2	171.4	149.0	126.5	105.9
55°	344.0	322.2	299.7	276.8	254.5	232.2	209.4	186.1	162.5	138.5	115.0
52.5°	367.2	344.5	320.6	296.3	272.2	249.1	225.0	200.3	175.4	150.0	125.0
50°	387.5	366.1	340.9	315.2	289.1	264.7	240.2	214.2	187.8	161.1	134.8
47.5°	404.6	385.0	360.6	333.5	306.0	280.0	254.5	227.5	199.7	171.8	144.2
45°	421.3	402.3	378.8	351.2	322.8	295.3	268.2	240.3	211.3	182.0	153.2
42.5°	436.9	418.0	396.0	368.1	338.8	309.9	281.5	252.4	222.3	191.8	161.7
40°	450.3	431.8	412.2	384.4	353.9	323.8	294.1	264.1	232.8	201.1	169.7
37.5°	463.3	444.3	424.2	399.7	368.1	336.8	306.0	275.3	243.0	210.1	177.3
35°	475.8	456.2	434.9	411.6	381.2	348.9	317.1	285.7	252.5	218.7	184.4
32.5°	487.1	466.9	444.7	421.3	393.4	360.1	327.4	294.9	261.4	226.8	191.0
30°	500.4	475.9	453.6	430.7	403.8	370.4	336.9	303.5	269.5	234.5	197.2
27.5°	513.2	484.5	461.6	438.6	411.9	379.7	345.7	311.4	277.0	241.4	203.3
25°	525.5	494.3	468.9	445.2	419.7	388.6	353.7	318.7	283.6	247.5	209.0
22.5°	539.8	503.4	475.8	450.9	427.1	396.6	361.0	325.3	289.4	253.0	214.2
20°	552.4	510.8	482.2	456.3	432.7	402.7	367.6	331.1	294.6	257.8	218.9
17.5°	564.8	519.3	488.4	461.5	436.9	408.0	373.3	336.3	299.2	262.0	223.0
15°	581.9	528.9	493.8	465.9	440.5	412.6	378.2	340.7	303.1	265.5	226.7
12.5°	596.6	537.1	498.3	469.6	443.4	416.3	382.2	344.3	306.4	268.7	230.0
10°	608.6	543.6	501.7	472.4	445.6	419.2	385.4	347.4	309.4	271.4	232.8
7.5°	617.6	548.4	504.2	474.3	447.2	421.4	388.4	350.2	311.9	273.5	234.9
5°	623.8	551.5	506.3	475.5	448.0	422.7	390.5	352.1	313.6	275.1	236.4
2.5°	627.0	552.9	507.9	475.8	448.1	423.1	391.9	353.3	314.7	276.0	237.3
0°	627.2	552.6	508.4	475.2	447.6	422.7	392.3	353.7	315.0	276.3	237.6
-2.5°	627.0	552.9	507.9	475.8	448.1	423.1	391.9	353.3	314.7	276.0	237.3
-5°	623.8	551.5	506.3	475.5	448.0	422.7	390.5	352.1	313.6	275.1	236.4
-7.5°	617.6	548.4	504.2	474.3	447.2	421.4	388.4	350.2	311.9	273.5	234.9
-10°	608.6	543.6	501.7	472.4	445.6	419.2	385.4	347.4	309.4	271.4	232.8
-12.5°	596.6	537.1	498.3	469.6	443.4	416.3	382.2	344.3	306.4	268.7	230.0
-15°	581.9	528.9	493.8	465.9	440.5	412.6	378.2	340.7	303.1	265.5	226.7
-17.5°	564.8	519.3	488.4	461.5	436.9	408.0	373.3	336.3	299.2	262.0	223.0
-20°	552.4	510.8	482.2	456.3	432.7	402.7	367.6	331.1	294.6	257.8	218.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	539.8	503.4	475.8	450.9	427.1	396.6	361.0	325.3	289.4	253.0	214.2
-25°	525.5	494.3	468.9	445.2	419.7	388.6	353.7	318.7	283.6	247.5	209.0
-27.5°	513.2	484.5	461.6	438.6	411.9	379.7	345.7	311.4	277.0	241.4	203.3
-30°	500.4	475.9	453.6	430.7	403.8	370.4	336.9	303.5	269.5	234.5	197.2
-32.5°	487.1	466.9	444.7	421.3	393.4	360.1	327.4	294.9	261.4	226.8	191.0
-35°	475.8	456.2	434.9	411.6	381.2	348.9	317.1	285.7	252.5	218.7	184.4
-37.5°	463.3	444.3	424.2	399.7	368.1	336.8	306.0	275.3	243.0	210.1	177.3
-40°	450.3	431.8	412.2	384.4	353.9	323.8	294.1	264.1	232.8	201.1	169.7
-42.5°	436.9	418.0	396.0	368.1	338.8	309.9	281.5	252.4	222.3	191.8	161.7
-45°	421.3	402.3	378.8	351.2	322.8	295.3	268.2	240.3	211.3	182.0	153.2
-47.5°	404.6	385.0	360.6	333.5	306.0	280.0	254.5	227.5	199.7	171.8	144.2
-50°	387.5	366.1	340.9	315.2	289.1	264.7	240.2	214.2	187.8	161.1	134.8
-52.5°	367.2	344.5	320.6	296.3	272.2	249.1	225.0	200.3	175.4	150.0	125.0
-55°	344.0	322.2	299.7	276.8	254.5	232.2	209.4	186.1	162.5	138.5	115.0
-57.5°	319.2	299.2	277.7	256.5	235.2	214.3	193.2	171.4	149.0	126.5	105.9
-60°	292.8	273.7	254.5	234.4	214.7	195.7	176.7	156.1	135.0	114.5	96.6
-62.5°	264.0	247.0	229.1	211.0	193.7	176.7	159.5	139.9	120.5	103.4	87.0
-65°	234.3	218.8	202.9	187.6	172.4	157.1	140.9	123.3	107.2	92.0	77.2
-67.5°	204.2	191.1	177.5	164.0	150.7	136.7	121.9	107.7	93.9	80.4	67.3
-70°	175.5	163.8	152.3	140.8	128.8	116.4	104.7	92.5	80.4	68.9	57.2
-72.5°	147.4	137.8	127.9	117.7	107.9	97.9	87.6	77.2	67.3	57.2	46.9
-75°	120.0	112.2	104.3	96.2	87.7	79.2	71.1	62.6	54.0	45.3	37.8
-77.5°	94.2	87.8	81.2	75.2	68.9	62.3	55.1	47.8	41.4	35.4	29.1
-80°	70.0	65.7	61.1	56.4	51.0	45.3	40.3	35.4	30.7	25.6	20.3
-82.5°	47.8	44.7	41.6	38.4	34.6	31.0	27.4	23.9	20.0	15.8	13.0
-85°	27.2	25.3	23.2	21.0	18.8	16.6	15.3	14.0	12.1	10.4	8.7
-87.5°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.1	5.2	4.4
-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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REPORT NUMBER: P626967 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.7	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	22.4	16.1	11.9	8.9	6.0	3.0	0.0
75°	30.1	22.4	14.7	10.7	7.1	3.6	0.0
72.5°	37.7	28.8	19.8	12.4	8.3	4.1	0.0
70°	45.3	35.0	24.8	14.5	9.4	4.7	0.0
67.5°	53.9	41.2	29.7	18.2	10.6	5.3	0.0
65°	62.4	47.7	34.6	21.9	11.7	5.8	0.0
62.5°	70.6	54.5	39.3	25.4	12.7	6.4	0.0
60°	78.7	61.1	44.0	28.9	13.8	6.9	0.0
57.5°	86.7	67.5	49.0	32.3	16.0	7.4	0.0
55°	94.6	73.7	54.0	35.6	18.2	7.9	0.0
52.5°	102.3	79.8	58.7	38.8	20.3	8.4	0.0
50°	109.8	86.1	63.3	41.9	22.3	8.9	0.0
47.5°	117.1	92.2	67.7	45.0	24.2	9.3	0.0
45°	124.8	98.0	71.9	48.1	26.0	9.8	0.0
42.5°	132.1	103.7	75.9	51.1	27.8	10.2	0.0
40°	139.0	109.1	80.0	53.9	29.4	10.6	0.0
37.5°	145.5	114.3	84.1	56.5	31.0	10.9	0.0
35°	151.6	119.3	88.0	58.9	32.4	11.3	0.0
32.5°	157.3	124.1	91.7	61.2	33.8	11.6	0.0
30°	162.6	128.6	95.1	63.3	35.0	12.0	0.0
27.5°	167.4	132.6	98.2	65.2	36.2	12.2	0.0
25°	171.8	136.4	101.0	67.0	37.2	12.5	0.0
22.5°	175.7	139.7	103.5	68.6	38.1	12.7	0.0
20°	179.2	142.5	105.8	70.0	38.9	13.0	0.0
17.5°	182.4	145.0	107.7	71.2	39.6	13.2	0.0
15°	185.2	147.1	109.4	72.3	40.2	13.3	0.0
12.5°	187.6	148.8	110.8	73.1	40.7	13.5	0.0
10°	189.7	150.2	111.9	73.8	41.0	13.6	0.0
7.5°	191.3	151.2	112.7	74.3	41.3	13.7	0.0
5°	192.4	151.8	113.2	74.6	41.4	13.7	0.0
2.5°	193.2	152.1	113.4	74.7	41.5	13.8	0.0
0°	193.4	152.0	113.3	74.6	41.4	13.8	0.0
-2.5°	193.2	152.1	113.4	74.7	41.5	13.8	0.0
-5°	192.4	151.8	113.2	74.6	41.4	13.7	0.0
-7.5°	191.3	151.2	112.7	74.3	41.3	13.7	0.0
-10°	189.7	150.2	111.9	73.8	41.0	13.6	0.0
-12.5°	187.6	148.8	110.8	73.1	40.7	13.5	0.0
-15°	185.2	147.1	109.4	72.3	40.2	13.3	0.0
-17.5°	182.4	145.0	107.7	71.2	39.6	13.2	0.0
-20°	179.2	142.5	105.8	70.0	38.9	13.0	0.0

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CATALOG NUMBER: GFLD-SA2D-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	175.7	139.7	103.5	68.6	38.1	12.7	0.0
-25°	171.8	136.4	101.0	67.0	37.2	12.5	0.0
-27.5°	167.4	132.6	98.2	65.2	36.2	12.2	0.0
-30°	162.6	128.6	95.1	63.3	35.0	12.0	0.0
-32.5°	157.3	124.1	91.7	61.2	33.8	11.6	0.0
-35°	151.6	119.3	88.0	58.9	32.4	11.3	0.0
-37.5°	145.5	114.3	84.1	56.5	31.0	10.9	0.0
-40°	139.0	109.1	80.0	53.9	29.4	10.6	0.0
-42.5°	132.1	103.7	75.9	51.1	27.8	10.2	0.0
-45°	124.8	98.0	71.9	48.1	26.0	9.8	0.0
-47.5°	117.1	92.2	67.7	45.0	24.2	9.3	0.0
-50°	109.8	86.1	63.3	41.9	22.3	8.9	0.0
-52.5°	102.3	79.8	58.7	38.8	20.3	8.4	0.0
-55°	94.6	73.7	54.0	35.6	18.2	7.9	0.0
-57.5°	86.7	67.5	49.0	32.3	16.0	7.4	0.0
-60°	78.7	61.1	44.0	28.9	13.8	6.9	0.0
-62.5°	70.6	54.5	39.3	25.4	12.7	6.4	0.0
-65°	62.4	47.7	34.6	21.9	11.7	5.8	0.0
-67.5°	53.9	41.2	29.7	18.2	10.6	5.3	0.0
-70°	45.3	35.0	24.8	14.5	9.4	4.7	0.0
-72.5°	37.7	28.8	19.8	12.4	8.3	4.1	0.0
-75°	30.1	22.4	14.7	10.7	7.1	3.6	0.0
-77.5°	22.4	16.1	11.9	8.9	6.0	3.0	0.0
-80°	14.7	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)