

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: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627087 (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-SA3B-730-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N67
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

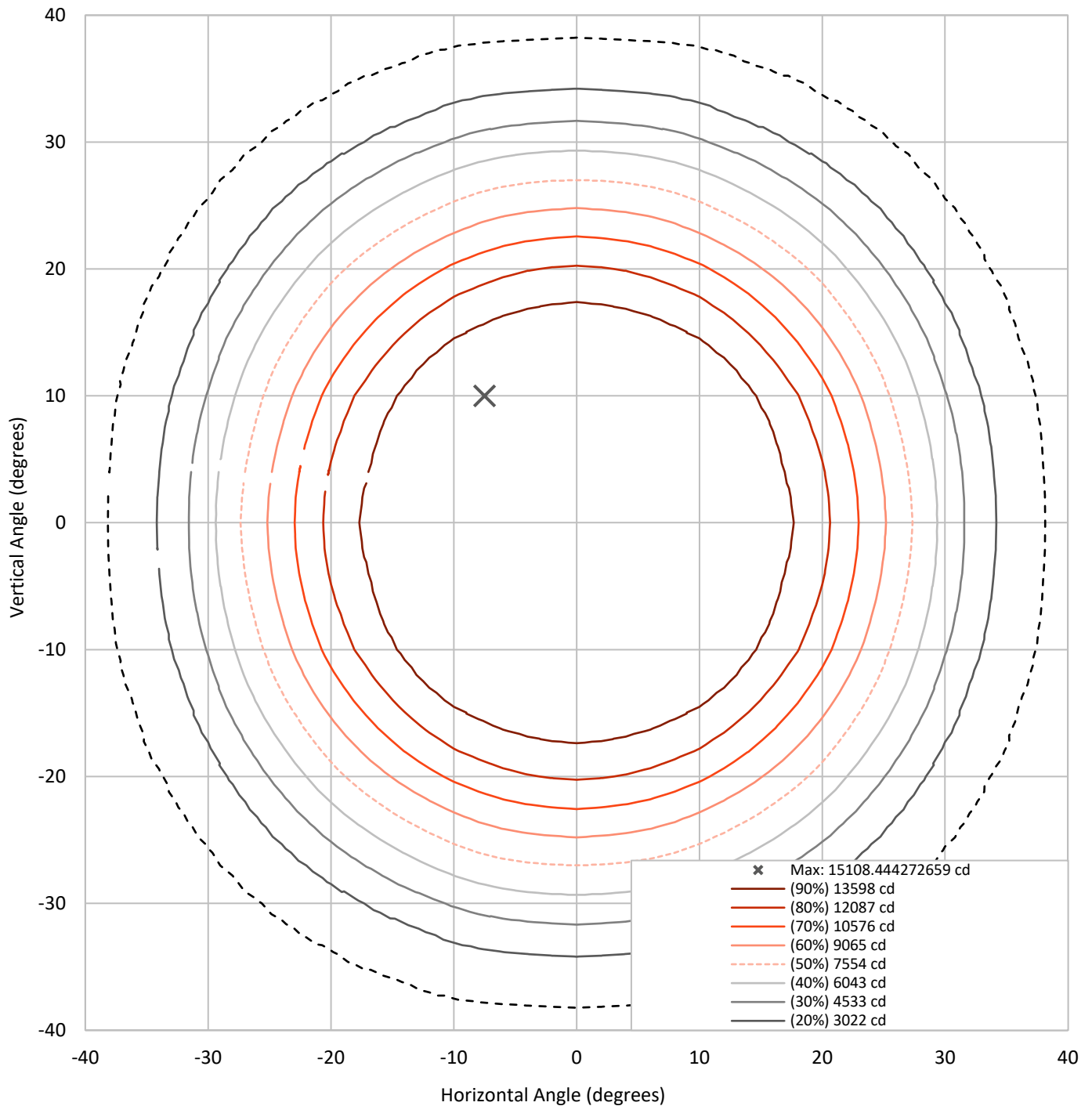
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12858.7 lumens	Max Intensity:	15108.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	137.2 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:	8534.9 lumens	Field Lumens:	11097.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	93.7		
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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CATALOG NUMBER: GFLD-SA3B-730-U-MWR-XX

Iso-Candela Plot





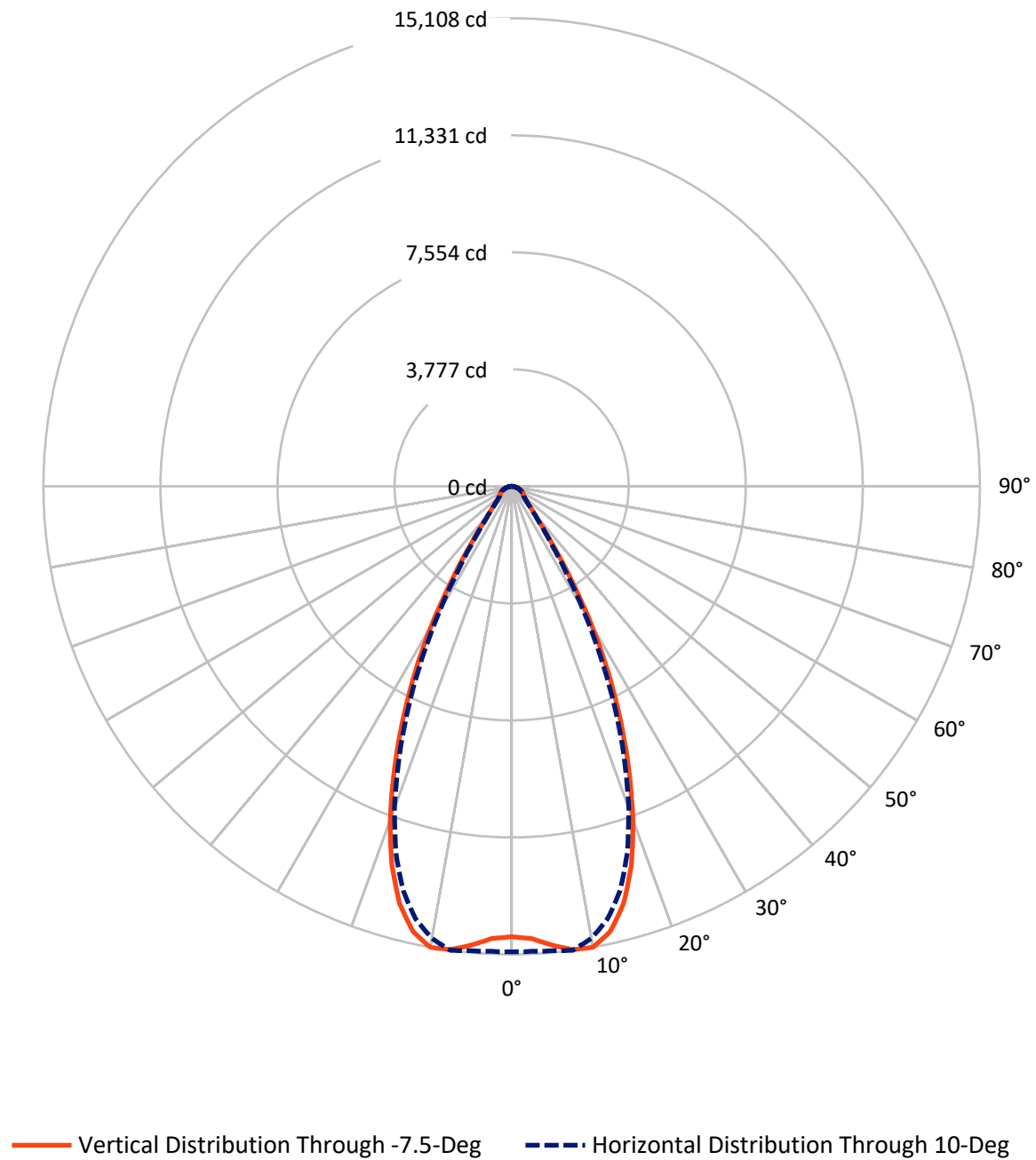
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Lumen Table

90																			
80	0.3	3.0		8.1		12.8		14.3		12.8		8.1		3.0		0.3			
70																			
60	1.4	1.6	3.2	5.1	7.2	8.7	9.9	10.5	10.5	9.9	8.7	7.2	5.1	3.2	1.6	1.4			
50		2.3	4.6	7.4	9.9	12.0	13.4	14.0	14.0	13.4	12.0	9.9	7.4	4.6	2.3				
40	2.4	3.0	5.9	9.0	12.1	15.7	19.8	22.7	22.7	19.8	15.7	12.1	9.0	5.9	3.0	2.4			
30		3.5	6.8	10.4	16.0	29.2	55.9	82.9	82.9	55.9	29.2	16.0	10.4	6.8	3.5				
20	3.1	4.0	7.4	12.1	26.3	82.5	185.2	258.6	258.6	185.2	82.5	26.3	12.1	7.4	4.0	3.1			
10		4.2	7.8	14.4	47.6	176.0	336.1	420.6	420.6	336.1	176.0	47.6	14.4	7.8	4.2				
0	3.4	4.4	8.0	16.2	68.5	240.8	407.7	443.6	443.6	407.7	240.8	68.5	16.2	8.0	4.4	3.4			
-10		4.4	8.0	16.2	68.5	240.8	407.7	443.6	443.6	407.7	240.8	68.5	16.2	8.0	4.4				
-20	3.1	4.2	7.8	14.4	47.6	176.0	336.1	420.6	420.6	336.1	176.0	47.6	14.4	7.8	4.2	3.1			
-30		4.0	7.4	12.1	26.3	82.5	185.2	258.6	258.6	185.2	82.5	26.3	12.1	7.4	4.0				
-40	2.4	3.5	6.8	10.4	16.0	29.2	55.9	82.9	82.9	55.9	29.2	16.0	10.4	6.8	3.5	2.4			
-50		3.0	5.9	9.0	12.1	15.7	19.8	22.7	22.7	19.8	15.7	12.1	9.0	5.9	3.0				
-60	1.4	2.3	4.6	7.4	9.9	12.0	13.4	14.0	14.0	13.4	12.0	9.9	7.4	4.6	2.3	1.4			
-70		1.6	3.2	5.1	7.2	8.7	9.9	10.5	10.5	9.9	8.7	7.2	5.1	3.2	1.6				
-80																			
-90	0.3	3.0		8.1		12.8		14.3		12.8		8.1		3.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

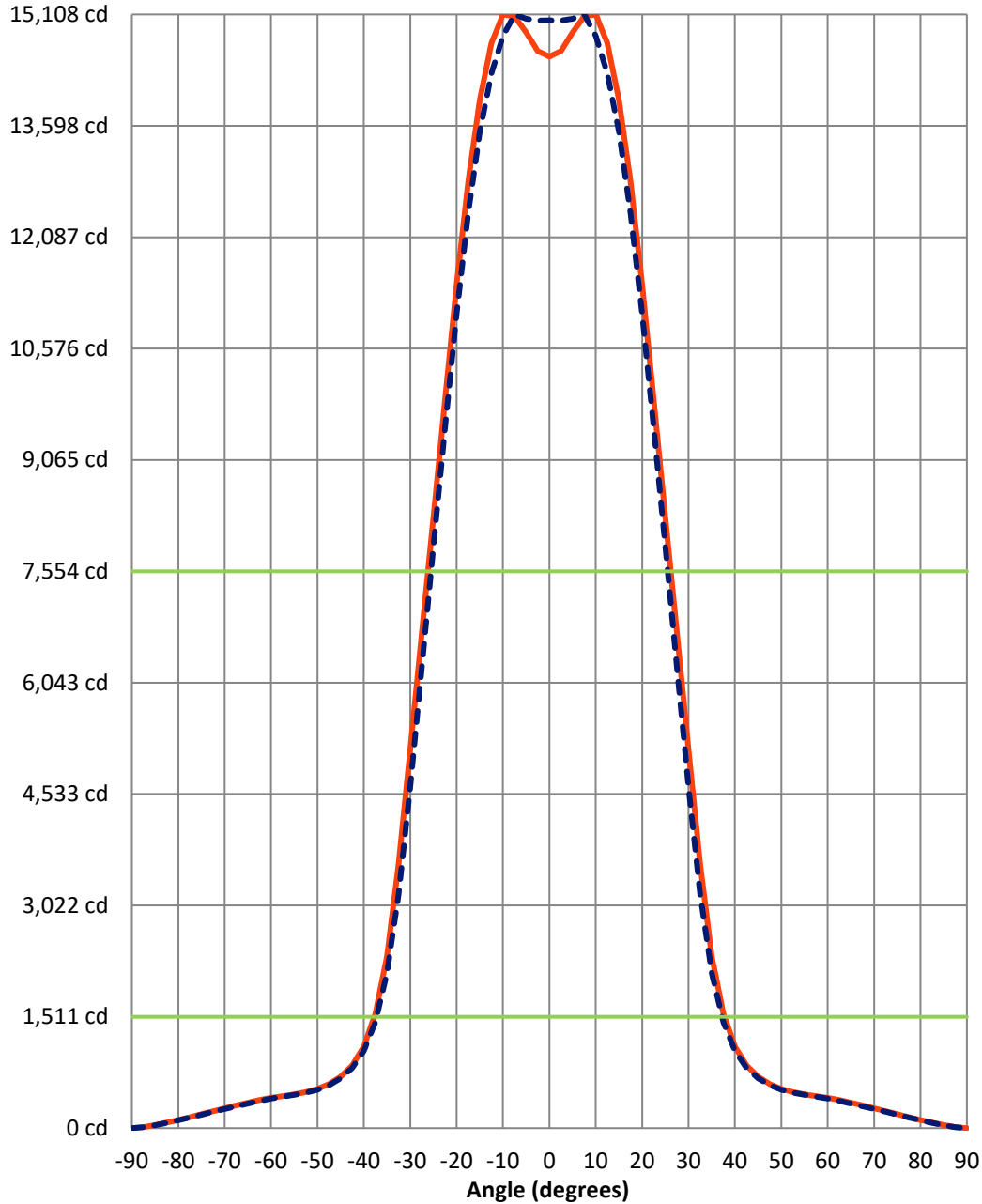
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 8534.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 11097.8
 Efficiency: 86.3%

Spill:
 Lumens: 1761
 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	1.7	2.3	2.9	3.4	4.2	5.0	5.8	6.7
85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	13.4
82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	12.5	15.2	19.1	22.9
80°	0.0	2.3	4.6	6.9	9.1	11.4	14.1	19.4	24.5	29.4	33.9
77.5°	0.0	2.9	5.7	8.5	11.4	15.4	21.5	27.8	33.9	39.6	45.7
75°	0.0	3.4	6.8	10.2	14.1	21.5	28.8	36.2	43.4	51.7	59.9
72.5°	0.0	4.0	7.9	11.9	18.9	27.5	36.1	44.9	54.7	64.4	74.0
70°	0.0	4.5	9.0	13.9	23.7	33.5	43.4	54.7	65.9	77.0	88.6
67.5°	0.0	5.1	10.1	17.4	28.5	39.4	51.6	64.4	77.0	89.9	103.1
65°	0.0	5.6	11.1	20.9	33.1	45.6	59.7	74.0	88.1	102.6	118.0
62.5°	0.0	6.1	12.2	24.3	37.6	52.1	67.6	83.4	99.0	115.4	133.9
60°	0.0	6.6	13.2	27.7	42.1	58.4	75.3	92.5	109.6	129.2	149.4
57.5°	0.0	7.1	15.3	30.9	46.9	64.6	83.0	101.4	121.1	142.6	164.1
55°	0.0	7.6	17.4	34.1	51.6	70.5	90.6	110.2	132.5	155.5	178.1
52.5°	0.0	8.0	19.4	37.1	56.2	76.4	97.9	119.7	143.6	167.8	191.8
50°	0.0	8.5	21.3	40.1	60.6	82.4	105.1	129.1	154.2	179.7	204.9
47.5°	0.0	8.9	23.2	43.1	64.8	88.2	112.2	138.0	164.4	191.2	217.7
45°	0.0	9.3	24.9	46.1	68.8	93.8	119.5	146.6	174.2	202.2	229.9
42.5°	0.0	9.7	26.6	48.9	72.6	99.3	126.5	154.7	183.6	212.7	241.5
40°	0.0	10.1	28.2	51.6	76.5	104.5	133.1	162.5	192.5	222.8	252.7
37.5°	0.0	10.5	29.7	54.1	80.5	109.5	139.3	169.7	201.1	232.5	263.4
35°	0.0	10.8	31.0	56.4	84.2	114.3	145.1	176.5	209.3	241.6	273.5
32.5°	0.0	11.1	32.3	58.5	87.7	118.9	150.6	182.8	217.0	250.1	282.2
30°	0.0	11.4	33.5	60.6	91.1	123.1	155.6	188.8	224.4	257.9	290.4
27.5°	0.0	11.7	34.6	62.4	94.0	127.0	160.2	194.6	231.0	265.1	298.0
25°	0.0	12.0	35.6	64.1	96.7	130.6	164.4	200.0	236.9	271.4	305.0
22.5°	0.0	12.2	36.5	65.6	99.1	133.7	168.2	205.0	242.1	277.0	311.3
20°	0.0	12.4	37.3	67.0	101.2	136.4	171.5	209.5	246.7	281.9	316.9
17.5°	0.0	12.6	38.0	68.2	103.1	138.8	174.5	213.4	250.7	286.3	321.8
15°	0.0	12.7	38.5	69.2	104.7	140.8	177.3	217.0	254.1	290.1	326.0
12.5°	0.0	12.9	39.0	70.0	106.0	142.4	179.6	220.2	257.1	293.2	329.5
10°	0.0	13.0	39.3	70.6	107.1	143.7	181.5	222.8	259.7	296.1	332.4
7.5°	0.0	13.1	39.6	71.1	107.8	144.7	183.1	224.8	261.8	298.4	335.0
5°	0.0	13.1	39.7	71.4	108.3	145.3	184.2	226.2	263.2	300.1	336.9
2.5°	0.0	13.2	39.8	71.5	108.5	145.5	184.9	227.1	264.1	301.1	338.0
0°	0.0	13.2	39.7	71.4	108.4	145.4	185.1	227.4	264.4	301.4	338.4
-2.5°	0.0	13.2	39.8	71.5	108.5	145.5	184.9	227.1	264.1	301.1	338.0
-5°	0.0	13.1	39.7	71.4	108.3	145.3	184.2	226.2	263.2	300.1	336.9
-7.5°	0.0	13.1	39.6	71.1	107.8	144.7	183.1	224.8	261.8	298.4	335.0
-10°	0.0	13.0	39.3	70.6	107.1	143.7	181.5	222.8	259.7	296.1	332.4
-12.5°	0.0	12.9	39.0	70.0	106.0	142.4	179.6	220.2	257.1	293.2	329.5
-15°	0.0	12.7	38.5	69.2	104.7	140.8	177.3	217.0	254.1	290.1	326.0
-17.5°	0.0	12.6	38.0	68.2	103.1	138.8	174.5	213.4	250.7	286.3	321.8
-20°	0.0	12.4	37.3	67.0	101.2	136.4	171.5	209.5	246.7	281.9	316.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3B-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	12.2	36.5	65.6	99.1	133.7	168.2	205.0	242.1	277.0	311.3
-25°	0.0	12.0	35.6	64.1	96.7	130.6	164.4	200.0	236.9	271.4	305.0
-27.5°	0.0	11.7	34.6	62.4	94.0	127.0	160.2	194.6	231.0	265.1	298.0
-30°	0.0	11.4	33.5	60.6	91.1	123.1	155.6	188.8	224.4	257.9	290.4
-32.5°	0.0	11.1	32.3	58.5	87.7	118.9	150.6	182.8	217.0	250.1	282.2
-35°	0.0	10.8	31.0	56.4	84.2	114.3	145.1	176.5	209.3	241.6	273.5
-37.5°	0.0	10.5	29.7	54.1	80.5	109.5	139.3	169.7	201.1	232.5	263.4
-40°	0.0	10.1	28.2	51.6	76.5	104.5	133.1	162.5	192.5	222.8	252.7
-42.5°	0.0	9.7	26.6	48.9	72.6	99.3	126.5	154.7	183.6	212.7	241.5
-45°	0.0	9.3	24.9	46.1	68.8	93.8	119.5	146.6	174.2	202.2	229.9
-47.5°	0.0	8.9	23.2	43.1	64.8	88.2	112.2	138.0	164.4	191.2	217.7
-50°	0.0	8.5	21.3	40.1	60.6	82.4	105.1	129.1	154.2	179.7	204.9
-52.5°	0.0	8.0	19.4	37.1	56.2	76.4	97.9	119.7	143.6	167.8	191.8
-55°	0.0	7.6	17.4	34.1	51.6	70.5	90.6	110.2	132.5	155.5	178.1
-57.5°	0.0	7.1	15.3	30.9	46.9	64.6	83.0	101.4	121.1	142.6	164.1
-60°	0.0	6.6	13.2	27.7	42.1	58.4	75.3	92.5	109.6	129.2	149.4
-62.5°	0.0	6.1	12.2	24.3	37.6	52.1	67.6	83.4	99.0	115.4	133.9
-65°	0.0	5.6	11.1	20.9	33.1	45.6	59.7	74.0	88.1	102.6	118.0
-67.5°	0.0	5.1	10.1	17.4	28.5	39.4	51.6	64.4	77.0	89.9	103.1
-70°	0.0	4.5	9.0	13.9	23.7	33.5	43.4	54.7	65.9	77.0	88.6
-72.5°	0.0	4.0	7.9	11.9	18.9	27.5	36.1	44.9	54.7	64.4	74.0
-75°	0.0	3.4	6.8	10.2	14.1	21.5	28.8	36.2	43.4	51.7	59.9
-77.5°	0.0	2.9	5.7	8.5	11.4	15.4	21.5	27.8	33.9	39.6	45.7
-80°	0.0	2.3	4.6	6.9	9.1	11.4	14.1	19.4	24.5	29.4	33.9
-82.5°	0.0	1.7	3.4	5.2	6.9	8.5	10.2	12.5	15.2	19.1	22.9
-85°	0.0	1.2	2.3	3.4	4.6	5.7	6.8	8.3	9.9	11.6	13.4
-87.5°	0.0	0.6	1.2	1.7	2.3	2.9	3.4	4.2	5.0	5.8	6.7
-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-SA3B-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°	7.3	7.9	8.5	9.1	9.7	10.2	10.7	11.2	11.7	12.2	12.6
85°	14.7	15.9	18.0	20.1	22.2	24.2	26.1	27.9	29.6	31.3	32.9
82.5°	26.2	29.6	33.1	36.7	39.8	42.7	45.7	48.7	51.7	54.7	57.6
80°	38.5	43.3	48.8	53.9	58.5	62.8	67.0	71.0	75.4	80.0	84.7
77.5°	52.8	59.6	66.0	72.0	77.8	84.1	90.1	96.0	102.1	108.1	113.8
75°	68.1	75.8	84.0	92.1	99.9	107.4	114.8	122.4	130.0	137.5	144.8
72.5°	83.8	93.7	103.3	112.7	122.4	131.9	141.0	149.9	158.9	168.2	177.0
70°	100.2	111.4	123.3	134.8	145.7	156.8	167.9	178.7	189.2	199.9	210.6
67.5°	116.7	130.8	144.2	156.9	169.8	182.8	195.4	208.3	220.7	233.2	245.1
65°	134.9	150.3	164.9	179.5	194.2	209.4	224.3	238.6	253.0	267.0	279.6
62.5°	152.7	169.1	185.3	201.9	219.3	236.4	252.6	269.1	285.9	300.5	313.3
60°	169.1	187.3	205.4	224.3	243.5	262.0	280.2	298.1	316.2	333.0	343.4
57.5°	184.9	205.1	225.1	245.4	265.7	286.3	305.5	325.2	341.9	356.1	368.1
55°	200.4	222.2	243.6	264.9	286.8	308.3	329.2	347.8	364.2	376.0	387.6
52.5°	215.3	238.4	260.4	283.5	306.8	329.7	351.4	368.7	382.1	394.2	405.1
50°	229.9	253.3	276.6	301.7	326.3	350.4	370.8	386.0	399.7	411.4	422.8
47.5°	243.5	267.9	292.9	319.2	345.1	368.4	387.2	403.1	417.0	429.7	443.2
45°	256.6	282.6	308.9	336.1	362.5	385.0	403.1	420.3	433.3	447.7	463.1
42.5°	269.4	296.6	324.2	352.3	379.0	400.0	418.1	433.8	449.2	466.2	484.8
40°	281.5	309.9	338.7	367.9	394.5	413.2	430.9	447.5	466.2	486.4	507.9
37.5°	292.8	322.3	352.2	382.5	405.9	425.2	443.3	461.8	483.5	506.9	536.2
35°	303.4	333.9	364.8	393.9	416.2	436.6	455.3	476.0	501.4	531.9	569.4
32.5°	313.3	344.6	376.4	403.1	425.6	446.8	466.1	491.9	522.3	558.6	611.7
30°	322.3	354.4	386.3	412.2	434.1	455.4	478.9	507.9	543.5	596.6	664.6
27.5°	330.8	363.3	394.1	419.8	441.7	463.6	491.1	526.3	573.2	636.6	721.1
25°	338.5	371.8	401.6	426.1	448.7	473.0	502.9	542.5	604.2	686.0	800.2
22.5°	345.5	379.5	408.8	431.5	455.3	481.7	516.5	566.1	637.1	732.7	880.0
20°	351.7	385.4	414.2	436.7	461.4	488.8	528.7	588.4	674.1	797.8	985.9
17.5°	357.2	390.5	418.2	441.7	467.4	496.9	540.5	607.7	706.9	854.7	1092.9
15°	361.9	394.8	421.6	445.9	472.5	506.2	556.9	633.0	745.0	913.8	1186.2
12.5°	365.8	398.4	424.3	449.3	476.8	514.0	571.0	656.8	784.6	986.4	1323.6
10°	368.9	401.2	426.4	452.0	480.1	520.2	582.4	676.4	817.4	1049.3	1440.9
7.5°	371.7	403.3	427.9	453.9	482.5	524.8	591.1	691.4	842.6	1098.7	1533.7
5°	373.8	404.5	428.7	455.0	484.5	527.8	597.0	701.9	860.0	1134.0	1599.0
2.5°	375.1	404.9	428.8	455.3	486.0	529.1	600.0	707.6	873.6	1150.8	1634.1
0°	375.5	404.5	428.3	454.8	486.5	528.8	600.2	708.6	880.5	1150.2	1639.3
-2.5°	375.1	404.9	428.8	455.3	486.0	529.1	600.0	707.6	873.6	1150.8	1634.1
-5°	373.8	404.5	428.7	455.0	484.5	527.8	597.0	701.9	860.0	1134.0	1599.0
-7.5°	371.7	403.3	427.9	453.9	482.5	524.8	591.1	691.4	842.6	1098.7	1533.7
-10°	368.9	401.2	426.4	452.0	480.1	520.2	582.4	676.4	817.4	1049.3	1440.9
-12.5°	365.8	398.4	424.3	449.3	476.8	514.0	571.0	656.8	784.6	986.4	1323.6
-15°	361.9	394.8	421.6	445.9	472.5	506.2	556.9	633.0	745.0	913.8	1186.2
-17.5°	357.2	390.5	418.2	441.7	467.4	496.9	540.5	607.7	706.9	854.7	1092.9
-20°	351.7	385.4	414.2	436.7	461.4	488.8	528.7	588.4	674.1	797.8	985.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	345.5	379.5	408.8	431.5	455.3	481.7	516.5	566.1	637.1	732.7	880.0
-25°	338.5	371.8	401.6	426.1	448.7	473.0	502.9	542.5	604.2	686.0	800.2
-27.5°	330.8	363.3	394.1	419.8	441.7	463.6	491.1	526.3	573.2	636.6	721.1
-30°	322.3	354.4	386.3	412.2	434.1	455.4	478.9	507.9	543.5	596.6	664.6
-32.5°	313.3	344.6	376.4	403.1	425.6	446.8	466.1	491.9	522.3	558.6	611.7
-35°	303.4	333.9	364.8	393.9	416.2	436.6	455.3	476.0	501.4	531.9	569.4
-37.5°	292.8	322.3	352.2	382.5	405.9	425.2	443.3	461.8	483.5	506.9	536.2
-40°	281.5	309.9	338.7	367.9	394.5	413.2	430.9	447.5	466.2	486.4	507.9
-42.5°	269.4	296.6	324.2	352.3	379.0	400.0	418.1	433.8	449.2	466.2	484.8
-45°	256.6	282.6	308.9	336.1	362.5	385.0	403.1	420.3	433.3	447.7	463.1
-47.5°	243.5	267.9	292.9	319.2	345.1	368.4	387.2	403.1	417.0	429.7	443.2
-50°	229.9	253.3	276.6	301.7	326.3	350.4	370.8	386.0	399.7	411.4	422.8
-52.5°	215.3	238.4	260.4	283.5	306.8	329.7	351.4	368.7	382.1	394.2	405.1
-55°	200.4	222.2	243.6	264.9	286.8	308.3	329.2	347.8	364.2	376.0	387.6
-57.5°	184.9	205.1	225.1	245.4	265.7	286.3	305.5	325.2	341.9	356.1	368.1
-60°	169.1	187.3	205.4	224.3	243.5	262.0	280.2	298.1	316.2	333.0	343.4
-62.5°	152.7	169.1	185.3	201.9	219.3	236.4	252.6	269.1	285.9	300.5	313.3
-65°	134.9	150.3	164.9	179.5	194.2	209.4	224.3	238.6	253.0	267.0	279.6
-67.5°	116.7	130.8	144.2	156.9	169.8	182.8	195.4	208.3	220.7	233.2	245.1
-70°	100.2	111.4	123.3	134.8	145.7	156.8	167.9	178.7	189.2	199.9	210.6
-72.5°	83.8	93.7	103.3	112.7	122.4	131.9	141.0	149.9	158.9	168.2	177.0
-75°	68.1	75.8	84.0	92.1	99.9	107.4	114.8	122.4	130.0	137.5	144.8
-77.5°	52.8	59.6	66.0	72.0	77.8	84.1	90.1	96.0	102.1	108.1	113.8
-80°	38.5	43.3	48.8	53.9	58.5	62.8	67.0	71.0	75.4	80.0	84.7
-82.5°	26.2	29.6	33.1	36.7	39.8	42.7	45.7	48.7	51.7	54.7	57.6
-85°	14.7	15.9	18.0	20.1	22.2	24.2	26.1	27.9	29.6	31.3	32.9
-87.5°	7.3	7.9	8.5	9.1	9.7	10.2	10.7	11.2	11.7	12.2	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	13.0	12.8	12.6	12.3	12.0	12.8	13.7	14.5	15.4	14.9	14.3
85°	34.4	35.2	35.8	36.4	36.9	38.5	40.1	41.5	42.9	42.9	42.7
82.5°	60.5	62.5	64.2	65.7	67.0	68.9	70.7	72.2	73.4	74.4	75.2
80°	89.2	92.4	95.1	97.6	99.8	102.3	104.7	106.8	108.6	109.6	110.2
77.5°	119.5	124.1	128.3	132.2	136.0	139.7	143.1	146.1	148.7	149.3	149.2
75°	151.6	157.8	163.7	169.1	174.0	178.3	182.0	185.0	187.5	188.7	189.4
72.5°	185.4	193.1	199.9	206.1	211.4	215.8	219.7	223.0	225.8	227.5	228.6
70°	220.7	229.8	236.8	242.6	247.2	251.5	256.4	261.1	265.5	268.0	268.9
67.5°	256.1	265.5	271.9	277.2	281.3	285.7	291.8	297.4	302.4	305.7	307.9
65°	290.7	300.5	307.0	312.1	315.9	320.2	327.1	332.7	336.9	340.2	343.3
62.5°	324.9	334.8	342.0	348.0	353.6	358.3	364.0	368.7	372.3	375.6	379.3
60°	354.5	366.3	373.8	379.9	386.8	394.3	398.5	401.9	405.0	407.6	409.9
57.5°	378.7	389.2	398.9	406.3	413.5	420.4	425.3	428.6	431.2	433.2	434.0
55°	398.9	409.8	420.7	428.6	435.7	442.1	447.6	451.8	455.3	458.1	458.7
52.5°	417.1	429.3	440.0	449.1	458.4	466.0	472.0	477.8	482.8	486.9	488.7
50°	436.8	449.6	462.9	475.2	485.1	493.8	501.0	509.2	517.8	525.0	529.5
47.5°	457.6	472.3	488.4	503.5	515.2	528.1	540.1	552.3	568.3	581.8	591.8
45°	479.3	498.2	516.5	535.8	552.0	576.3	598.8	618.2	643.9	667.3	685.8
42.5°	504.9	528.5	550.9	581.8	614.0	647.2	683.1	713.6	753.9	794.8	827.9
40°	535.3	565.4	605.0	646.3	697.3	742.9	804.8	859.9	921.7	999.7	1064.3
37.5°	571.9	618.2	673.3	731.0	810.4	886.3	988.6	1096.4	1194.2	1344.4	1470.7
35°	619.4	684.2	756.7	858.8	971.2	1113.4	1273.0	1481.2	1659.7	1913.0	2155.1
32.5°	680.6	763.9	882.3	1039.9	1206.1	1464.3	1717.6	2079.1	2413.8	2815.3	3248.5
30°	748.8	875.5	1056.3	1272.5	1582.5	1962.5	2408.8	2964.1	3571.8	4136.0	4691.9
27.5°	847.5	1029.0	1266.6	1615.5	2098.7	2630.2	3412.3	4166.0	4952.4	5651.4	6234.4
25°	962.7	1202.7	1570.0	2083.7	2737.2	3647.5	4583.6	5513.8	6359.5	7091.3	7735.5
22.5°	1111.6	1456.7	1946.4	2611.8	3629.5	4720.4	5818.1	6844.2	7746.3	8561.2	9258.5
20°	1273.5	1705.4	2404.7	3396.9	4560.6	5803.5	7043.0	8136.0	9129.3	10053.3	10839.2
17.5°	1478.7	2083.5	2969.1	4159.4	5504.8	6866.5	8168.7	9354.9	10481.8	11459.5	12280.6
15°	1653.5	2416.6	3572.3	4968.3	6423.6	7860.0	9234.8	10523.2	11694.8	12698.0	13469.9
12.5°	1886.8	2789.8	4107.8	5663.7	7240.8	8752.2	10200.3	11531.9	12724.2	13716.4	14317.3
10°	2107.2	3176.2	4625.5	6248.1	7886.5	9496.8	11043.0	12408.7	13515.7	14305.0	14817.1
7.5°	2294.7	3508.3	5046.6	6720.4	8399.5	10083.2	11648.3	12977.1	13997.8	14656.9	15013.4
5°	2434.6	3756.6	5359.1	7104.2	8827.2	10540.4	12093.3	13340.7	14222.9	14712.5	14891.5
2.5°	2523.8	3902.3	5540.5	7356.0	9113.4	10829.7	12398.6	13626.4	14374.9	14699.4	14730.3
0°	2559.5	3921.2	5568.5	7488.1	9185.6	10912.2	12485.4	13744.0	14431.4	14698.5	14693.2
-2.5°	2523.8	3902.3	5540.5	7356.0	9113.4	10829.7	12398.6	13626.4	14374.9	14699.4	14730.3
-5°	2434.6	3756.6	5359.1	7104.2	8827.2	10540.4	12093.3	13340.7	14222.9	14712.5	14891.5
-7.5°	2294.7	3508.3	5046.6	6720.4	8399.5	10083.2	11648.3	12977.1	13997.8	14656.9	15013.4
-10°	2107.2	3176.2	4625.5	6248.1	7886.5	9496.8	11043.0	12408.7	13515.7	14305.0	14817.1
-12.5°	1886.8	2789.8	4107.8	5663.7	7240.8	8752.2	10200.3	11531.9	12724.2	13716.4	14317.3
-15°	1653.5	2416.6	3572.3	4968.3	6423.6	7860.0	9234.8	10523.2	11694.8	12698.0	13469.9
-17.5°	1478.7	2083.5	2969.1	4159.4	5504.8	6866.5	8168.7	9354.9	10481.8	11459.5	12280.6
-20°	1273.5	1705.4	2404.7	3396.9	4560.6	5803.5	7043.0	8136.0	9129.3	10053.3	10839.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1111.6	1456.7	1946.4	2611.8	3629.5	4720.4	5818.1	6844.2	7746.3	8561.2	9258.5
-25°	962.7	1202.7	1570.0	2083.7	2737.2	3647.5	4583.6	5513.8	6359.5	7091.3	7735.5
-27.5°	847.5	1029.0	1266.6	1615.5	2098.7	2630.2	3412.3	4166.0	4952.4	5651.4	6234.4
-30°	748.8	875.5	1056.3	1272.5	1582.5	1962.5	2408.8	2964.1	3571.8	4136.0	4691.9
-32.5°	680.6	763.9	882.3	1039.9	1206.1	1464.3	1717.6	2079.1	2413.8	2815.3	3248.5
-35°	619.4	684.2	756.7	858.8	971.2	1113.4	1273.0	1481.2	1659.7	1913.0	2155.1
-37.5°	571.9	618.2	673.3	731.0	810.4	886.3	988.6	1096.4	1194.2	1344.4	1470.7
-40°	535.3	565.4	605.0	646.3	697.3	742.9	804.8	859.9	921.7	999.7	1064.3
-42.5°	504.9	528.5	550.9	581.8	614.0	647.2	683.1	713.6	753.9	794.8	827.9
-45°	479.3	498.2	516.5	535.8	552.0	576.3	598.8	618.2	643.9	667.3	685.8
-47.5°	457.6	472.3	488.4	503.5	515.2	528.1	540.1	552.3	568.3	581.8	591.8
-50°	436.8	449.6	462.9	475.2	485.1	493.8	501.0	509.2	517.8	525.0	529.5
-52.5°	417.1	429.3	440.0	449.1	458.4	466.0	472.0	477.8	482.8	486.9	488.7
-55°	398.9	409.8	420.7	428.6	435.7	442.1	447.6	451.8	455.3	458.1	458.7
-57.5°	378.7	389.2	398.9	406.3	413.5	420.4	425.3	428.6	431.2	433.2	434.0
-60°	354.5	366.3	373.8	379.9	386.8	394.3	398.5	401.9	405.0	407.6	409.9
-62.5°	324.9	334.8	342.0	348.0	353.6	358.3	364.0	368.7	372.3	375.6	379.3
-65°	290.7	300.5	307.0	312.1	315.9	320.2	327.1	332.7	336.9	340.2	343.3
-67.5°	256.1	265.5	271.9	277.2	281.3	285.7	291.8	297.4	302.4	305.7	307.9
-70°	220.7	229.8	236.8	242.6	247.2	251.5	256.4	261.1	265.5	268.0	268.9
-72.5°	185.4	193.1	199.9	206.1	211.4	215.8	219.7	223.0	225.8	227.5	228.6
-75°	151.6	157.8	163.7	169.1	174.0	178.3	182.0	185.0	187.5	188.7	189.4
-77.5°	119.5	124.1	128.3	132.2	136.0	139.7	143.1	146.1	148.7	149.3	149.2
-80°	89.2	92.4	95.1	97.6	99.8	102.3	104.7	106.8	108.6	109.6	110.2
-82.5°	60.5	62.5	64.2	65.7	67.0	68.9	70.7	72.2	73.4	74.4	75.2
-85°	34.4	35.2	35.8	36.4	36.9	38.5	40.1	41.5	42.9	42.9	42.7
-87.5°	13.0	12.8	12.6	12.3	12.0	12.8	13.7	14.5	15.4	14.9	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: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	13.8	13.2	13.2	13.2	13.2	13.2	13.8	14.3	14.9	15.4	14.5
85°	42.5	42.1	41.0	39.7	41.0	42.1	42.5	42.7	42.9	42.9	41.5
82.5°	75.8	76.3	75.3	74.0	75.3	76.3	75.8	75.2	74.4	73.4	72.2
80°	110.6	110.6	109.6	108.4	109.6	110.6	110.6	110.2	109.6	108.6	106.8
77.5°	148.5	147.5	147.9	148.1	147.9	147.5	148.5	149.2	149.3	148.7	146.1
75°	189.7	189.5	188.9	187.7	188.9	189.5	189.7	189.4	188.7	187.5	185.0
72.5°	229.1	229.0	228.5	227.4	228.5	229.0	229.1	228.6	227.5	225.8	223.0
70°	269.2	268.7	269.4	269.7	269.4	268.7	269.2	268.9	268.0	265.5	261.1
67.5°	309.5	310.6	310.4	309.4	310.4	310.6	309.5	307.9	305.7	302.4	297.4
65°	345.7	347.5	348.6	349.0	348.6	347.5	345.7	343.3	340.2	336.9	332.7
62.5°	382.2	384.3	384.5	383.4	384.5	384.3	382.2	379.3	375.6	372.3	368.7
60°	411.2	411.6	411.0	409.8	411.0	411.6	411.2	409.9	407.6	405.0	401.9
57.5°	433.9	433.2	432.2	431.0	432.2	433.2	433.9	434.0	433.2	431.2	428.6
55°	458.4	457.1	456.0	454.8	456.0	457.1	458.4	458.7	458.1	455.3	451.8
52.5°	489.1	488.4	487.7	486.5	487.7	488.4	489.1	488.7	486.9	482.8	477.8
50°	531.8	532.4	532.4	531.5	532.4	532.4	531.8	529.5	525.0	517.8	509.2
47.5°	598.1	601.7	604.1	605.5	604.1	601.7	598.1	591.8	581.8	568.3	552.3
45°	697.7	704.8	709.7	713.9	709.7	704.8	697.7	685.8	667.3	643.9	618.2
42.5°	851.2	867.0	874.5	872.5	874.5	867.0	851.2	827.9	794.8	753.9	713.6
40°	1107.2	1132.7	1146.8	1158.1	1146.8	1132.7	1107.2	1064.3	999.7	921.7	859.9
37.5°	1556.9	1606.4	1632.5	1655.2	1632.5	1606.4	1556.9	1470.7	1344.4	1194.2	1096.4
35°	2335.9	2447.4	2507.0	2527.7	2507.0	2447.4	2335.9	2155.1	1913.0	1659.7	1481.2
32.5°	3585.6	3791.1	3904.8	3992.6	3904.8	3791.1	3585.6	3248.5	2815.3	2413.8	2079.1
30°	5132.2	5402.9	5553.2	5626.6	5553.2	5402.9	5132.2	4691.9	4136.0	3571.8	2964.1
27.5°	6717.7	7025.4	7187.4	7178.7	7187.4	7025.4	6717.7	6234.4	5651.4	4952.4	4166.0
25°	8287.8	8644.2	8805.7	8950.2	8805.7	8644.2	8287.8	7735.5	7091.3	6359.5	5513.8
22.5°	9875.8	10292.5	10519.9	10626.6	10519.9	10292.5	9875.8	9258.5	8561.2	7746.3	6844.2
20°	11444.8	11908.8	12150.3	12255.4	12150.3	11908.8	11444.8	10839.2	10053.3	9129.3	8136.0
17.5°	12836.5	13289.4	13519.5	13617.1	13519.5	13289.4	12836.5	12280.6	11459.5	10481.8	9354.9
15°	13947.6	14281.7	14477.5	14529.3	14477.5	14281.7	13947.6	13469.9	12698.0	11694.8	10523.2
12.5°	14715.7	14845.2	14939.3	14968.2	14939.3	14845.2	14715.7	14317.3	13716.4	12724.2	11531.9
10°	15108.4	15050.1	15025.9	15029.0	15025.9	15050.1	15108.4	14817.1	14305.0	13515.7	12408.7
7.5°	15081.5	14995.0	14821.3	14793.7	14821.3	14995.0	15081.5	15013.4	14656.9	13997.8	12977.1
5°	14864.8	14707.3	14419.1	14336.2	14419.1	14707.3	14864.8	14891.5	14712.5	14222.9	13340.7
2.5°	14612.2	14328.5	14063.0	13892.0	14063.0	14328.5	14612.2	14730.3	14699.4	14374.9	13626.4
0°	14537.2	14209.3	13865.6	13754.6	13865.6	14209.3	14537.2	14693.2	14698.5	14431.4	13744.0
-2.5°	14612.2	14328.5	14063.0	13892.0	14063.0	14328.5	14612.2	14730.3	14699.4	14374.9	13626.4
-5°	14864.8	14707.3	14419.1	14336.2	14419.1	14707.3	14864.8	14891.5	14712.5	14222.9	13340.7
-7.5°	15081.5	14995.0	14821.3	14793.7	14821.3	14995.0	15081.5	15013.4	14656.9	13997.8	12977.1
-10°	15108.4	15050.1	15025.9	15029.0	15025.9	15050.1	15108.4	14817.1	14305.0	13515.7	12408.7
-12.5°	14715.7	14845.2	14939.3	14968.2	14939.3	14845.2	14715.7	14317.3	13716.4	12724.2	11531.9
-15°	13947.6	14281.7	14477.5	14529.3	14477.5	14281.7	13947.6	13469.9	12698.0	11694.8	10523.2
-17.5°	12836.5	13289.4	13519.5	13617.1	13519.5	13289.4	12836.5	12280.6	11459.5	10481.8	9354.9
-20°	11444.8	11908.8	12150.3	12255.4	12150.3	11908.8	11444.8	10839.2	10053.3	9129.3	8136.0



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	9875.8	10292.5	10519.9	10626.6	10519.9	10292.5	9875.8	9258.5	8561.2	7746.3	6844.2
-25°	8287.8	8644.2	8805.7	8950.2	8805.7	8644.2	8287.8	7735.5	7091.3	6359.5	5513.8
-27.5°	6717.7	7025.4	7187.4	7178.7	7187.4	7025.4	6717.7	6234.4	5651.4	4952.4	4166.0
-30°	5132.2	5402.9	5553.2	5626.6	5553.2	5402.9	5132.2	4691.9	4136.0	3571.8	2964.1
-32.5°	3585.6	3791.1	3904.8	3992.6	3904.8	3791.1	3585.6	3248.5	2815.3	2413.8	2079.1
-35°	2335.9	2447.4	2507.0	2527.7	2507.0	2447.4	2335.9	2155.1	1913.0	1659.7	1481.2
-37.5°	1556.9	1606.4	1632.5	1655.2	1632.5	1606.4	1556.9	1470.7	1344.4	1194.2	1096.4
-40°	1107.2	1132.7	1146.8	1158.1	1146.8	1132.7	1107.2	1064.3	999.7	921.7	859.9
-42.5°	851.2	867.0	874.5	872.5	874.5	867.0	851.2	827.9	794.8	753.9	713.6
-45°	697.7	704.8	709.7	713.9	709.7	704.8	697.7	685.8	667.3	643.9	618.2
-47.5°	598.1	601.7	604.1	605.5	604.1	601.7	598.1	591.8	581.8	568.3	552.3
-50°	531.8	532.4	532.4	531.5	532.4	532.4	531.8	529.5	525.0	517.8	509.2
-52.5°	489.1	488.4	487.7	486.5	487.7	488.4	489.1	488.7	486.9	482.8	477.8
-55°	458.4	457.1	456.0	454.8	456.0	457.1	458.4	458.7	458.1	455.3	451.8
-57.5°	433.9	433.2	432.2	431.0	432.2	433.2	433.9	434.0	433.2	431.2	428.6
-60°	411.2	411.6	411.0	409.8	411.0	411.6	411.2	409.9	407.6	405.0	401.9
-62.5°	382.2	384.3	384.5	383.4	384.5	384.3	382.2	379.3	375.6	372.3	368.7
-65°	345.7	347.5	348.6	349.0	348.6	347.5	345.7	343.3	340.2	336.9	332.7
-67.5°	309.5	310.6	310.4	309.4	310.4	310.6	309.5	307.9	305.7	302.4	297.4
-70°	269.2	268.7	269.4	269.7	269.4	268.7	269.2	268.9	268.0	265.5	261.1
-72.5°	229.1	229.0	228.5	227.4	228.5	229.0	229.1	228.6	227.5	225.8	223.0
-75°	189.7	189.5	188.9	187.7	188.9	189.5	189.7	189.4	188.7	187.5	185.0
-77.5°	148.5	147.5	147.9	148.1	147.9	147.5	148.5	149.2	149.3	148.7	146.1
-80°	110.6	110.6	109.6	108.4	109.6	110.6	110.6	110.2	109.6	108.6	106.8
-82.5°	75.8	76.3	75.3	74.0	75.3	76.3	75.8	75.2	74.4	73.4	72.2
-85°	42.5	42.1	41.0	39.7	41.0	42.1	42.5	42.7	42.9	42.9	41.5
-87.5°	13.8	13.2	13.2	13.2	13.2	13.2	13.8	14.3	14.9	15.4	14.5
-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: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	13.7	12.8	12.0	12.3	12.6	12.8	13.0	12.6	12.2	11.7	11.2
85°	40.1	38.5	36.9	36.4	35.8	35.2	34.4	32.9	31.3	29.6	27.9
82.5°	70.7	68.9	67.0	65.7	64.2	62.5	60.5	57.6	54.7	51.7	48.7
80°	104.7	102.3	99.8	97.6	95.1	92.4	89.2	84.7	80.0	75.4	71.0
77.5°	143.1	139.7	136.0	132.2	128.3	124.1	119.5	113.8	108.1	102.1	96.0
75°	182.0	178.3	174.0	169.1	163.7	157.8	151.6	144.8	137.5	130.0	122.4
72.5°	219.7	215.8	211.4	206.1	199.9	193.1	185.4	177.0	168.2	158.9	149.9
70°	256.4	251.5	247.2	242.6	236.8	229.8	220.7	210.6	199.9	189.2	178.7
67.5°	291.8	285.7	281.3	277.2	271.9	265.5	256.1	245.1	233.2	220.7	208.3
65°	327.1	320.2	315.9	312.1	307.0	300.5	290.7	279.6	267.0	253.0	238.6
62.5°	364.0	358.3	353.6	348.0	342.0	334.8	324.9	313.3	300.5	285.9	269.1
60°	398.5	394.3	386.8	379.9	373.8	366.3	354.5	343.4	333.0	316.2	298.1
57.5°	425.3	420.4	413.5	406.3	398.9	389.2	378.7	368.1	356.1	341.9	325.2
55°	447.6	442.1	435.7	428.6	420.7	409.8	398.9	387.6	376.0	364.2	347.8
52.5°	472.0	466.0	458.4	449.1	440.0	429.3	417.1	405.1	394.2	382.1	368.7
50°	501.0	493.8	485.1	475.2	462.9	449.6	436.8	422.8	411.4	399.7	386.0
47.5°	540.1	528.1	515.2	503.5	488.4	472.3	457.6	443.2	429.7	417.0	403.1
45°	598.8	576.3	552.0	535.8	516.5	498.2	479.3	463.1	447.7	433.3	420.3
42.5°	683.1	647.2	614.0	581.8	550.9	528.5	504.9	484.8	466.2	449.2	433.8
40°	804.8	742.9	697.3	646.3	605.0	565.4	535.3	507.9	486.4	466.2	447.5
37.5°	988.6	886.3	810.4	731.0	673.3	618.2	571.9	536.2	506.9	483.5	461.8
35°	1273.0	1113.4	971.2	858.8	756.7	684.2	619.4	569.4	531.9	501.4	476.0
32.5°	1717.6	1464.3	1206.1	1039.9	882.3	763.9	680.6	611.7	558.6	522.3	491.9
30°	2408.8	1962.5	1582.5	1272.5	1056.3	875.5	748.8	664.6	596.6	543.5	507.9
27.5°	3412.3	2630.2	2098.7	1615.5	1266.6	1029.0	847.5	721.1	636.6	573.2	526.3
25°	4583.6	3647.5	2737.2	2083.7	1570.0	1202.7	962.7	800.2	686.0	604.2	542.5
22.5°	5818.1	4720.4	3629.5	2611.8	1946.4	1456.7	1111.6	880.0	732.7	637.1	566.1
20°	7043.0	5803.5	4560.6	3396.9	2404.7	1705.4	1273.5	985.9	797.8	674.1	588.4
17.5°	8168.7	6866.5	5504.8	4159.4	2969.1	2083.5	1478.7	1092.9	854.7	706.9	607.7
15°	9234.8	7860.0	6423.6	4968.3	3572.3	2416.6	1653.5	1186.2	913.8	745.0	633.0
12.5°	10200.3	8752.2	7240.8	5663.7	4107.8	2789.8	1886.8	1323.6	986.4	784.6	656.8
10°	11043.0	9496.8	7886.5	6248.1	4625.5	3176.2	2107.2	1440.9	1049.3	817.4	676.4
7.5°	11648.3	10083.2	8399.5	6720.4	5046.6	3508.3	2294.7	1533.7	1098.7	842.6	691.4
5°	12093.3	10540.4	8827.2	7104.2	5359.1	3756.6	2434.6	1599.0	1134.0	860.0	701.9
2.5°	12398.6	10829.7	9113.4	7356.0	5540.5	3902.3	2523.8	1634.1	1150.8	873.6	707.6
0°	12485.4	10912.2	9185.6	7488.1	5568.5	3921.2	2559.5	1639.3	1150.2	880.5	708.6
-2.5°	12398.6	10829.7	9113.4	7356.0	5540.5	3902.3	2523.8	1634.1	1150.8	873.6	707.6
-5°	12093.3	10540.4	8827.2	7104.2	5359.1	3756.6	2434.6	1599.0	1134.0	860.0	701.9
-7.5°	11648.3	10083.2	8399.5	6720.4	5046.6	3508.3	2294.7	1533.7	1098.7	842.6	691.4
-10°	11043.0	9496.8	7886.5	6248.1	4625.5	3176.2	2107.2	1440.9	1049.3	817.4	676.4
-12.5°	10200.3	8752.2	7240.8	5663.7	4107.8	2789.8	1886.8	1323.6	986.4	784.6	656.8
-15°	9234.8	7860.0	6423.6	4968.3	3572.3	2416.6	1653.5	1186.2	913.8	745.0	633.0
-17.5°	8168.7	6866.5	5504.8	4159.4	2969.1	2083.5	1478.7	1092.9	854.7	706.9	607.7
-20°	7043.0	5803.5	4560.6	3396.9	2404.7	1705.4	1273.5	985.9	797.8	674.1	588.4



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5818.1	4720.4	3629.5	2611.8	1946.4	1456.7	1111.6	880.0	732.7	637.1	566.1
-25°	4583.6	3647.5	2737.2	2083.7	1570.0	1202.7	962.7	800.2	686.0	604.2	542.5
-27.5°	3412.3	2630.2	2098.7	1615.5	1266.6	1029.0	847.5	721.1	636.6	573.2	526.3
-30°	2408.8	1962.5	1582.5	1272.5	1056.3	875.5	748.8	664.6	596.6	543.5	507.9
-32.5°	1717.6	1464.3	1206.1	1039.9	882.3	763.9	680.6	611.7	558.6	522.3	491.9
-35°	1273.0	1113.4	971.2	858.8	756.7	684.2	619.4	569.4	531.9	501.4	476.0
-37.5°	988.6	886.3	810.4	731.0	673.3	618.2	571.9	536.2	506.9	483.5	461.8
-40°	804.8	742.9	697.3	646.3	605.0	565.4	535.3	507.9	486.4	466.2	447.5
-42.5°	683.1	647.2	614.0	581.8	550.9	528.5	504.9	484.8	466.2	449.2	433.8
-45°	598.8	576.3	552.0	535.8	516.5	498.2	479.3	463.1	447.7	433.3	420.3
-47.5°	540.1	528.1	515.2	503.5	488.4	472.3	457.6	443.2	429.7	417.0	403.1
-50°	501.0	493.8	485.1	475.2	462.9	449.6	436.8	422.8	411.4	399.7	386.0
-52.5°	472.0	466.0	458.4	449.1	440.0	429.3	417.1	405.1	394.2	382.1	368.7
-55°	447.6	442.1	435.7	428.6	420.7	409.8	398.9	387.6	376.0	364.2	347.8
-57.5°	425.3	420.4	413.5	406.3	398.9	389.2	378.7	368.1	356.1	341.9	325.2
-60°	398.5	394.3	386.8	379.9	373.8	366.3	354.5	343.4	333.0	316.2	298.1
-62.5°	364.0	358.3	353.6	348.0	342.0	334.8	324.9	313.3	300.5	285.9	269.1
-65°	327.1	320.2	315.9	312.1	307.0	300.5	290.7	279.6	267.0	253.0	238.6
-67.5°	291.8	285.7	281.3	277.2	271.9	265.5	256.1	245.1	233.2	220.7	208.3
-70°	256.4	251.5	247.2	242.6	236.8	229.8	220.7	210.6	199.9	189.2	178.7
-72.5°	219.7	215.8	211.4	206.1	199.9	193.1	185.4	177.0	168.2	158.9	149.9
-75°	182.0	178.3	174.0	169.1	163.7	157.8	151.6	144.8	137.5	130.0	122.4
-77.5°	143.1	139.7	136.0	132.2	128.3	124.1	119.5	113.8	108.1	102.1	96.0
-80°	104.7	102.3	99.8	97.6	95.1	92.4	89.2	84.7	80.0	75.4	71.0
-82.5°	70.7	68.9	67.0	65.7	64.2	62.5	60.5	57.6	54.7	51.7	48.7
-85°	40.1	38.5	36.9	36.4	35.8	35.2	34.4	32.9	31.3	29.6	27.9
-87.5°	13.7	12.8	12.0	12.3	12.6	12.8	13.0	12.6	12.2	11.7	11.2
-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: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	10.7	10.2	9.7	9.1	8.5	7.9	7.3	6.7	5.8	5.0	4.2
85°	26.1	24.2	22.2	20.1	18.0	15.9	14.7	13.4	11.6	9.9	8.3
82.5°	45.7	42.7	39.8	36.7	33.1	29.6	26.2	22.9	19.1	15.2	12.5
80°	67.0	62.8	58.5	53.9	48.8	43.3	38.5	33.9	29.4	24.5	19.4
77.5°	90.1	84.1	77.8	72.0	66.0	59.6	52.8	45.7	39.6	33.9	27.8
75°	114.8	107.4	99.9	92.1	84.0	75.8	68.1	59.9	51.7	43.4	36.2
72.5°	141.0	131.9	122.4	112.7	103.3	93.7	83.8	74.0	64.4	54.7	44.9
70°	167.9	156.8	145.7	134.8	123.3	111.4	100.2	88.6	77.0	65.9	54.7
67.5°	195.4	182.8	169.8	156.9	144.2	130.8	116.7	103.1	89.9	77.0	64.4
65°	224.3	209.4	194.2	179.5	164.9	150.3	134.9	118.0	102.6	88.1	74.0
62.5°	252.6	236.4	219.3	201.9	185.3	169.1	152.7	133.9	115.4	99.0	83.4
60°	280.2	262.0	243.5	224.3	205.4	187.3	169.1	149.4	129.2	109.6	92.5
57.5°	305.5	286.3	265.7	245.4	225.1	205.1	184.9	164.1	142.6	121.1	101.4
55°	329.2	308.3	286.8	264.9	243.6	222.2	200.4	178.1	155.5	132.5	110.2
52.5°	351.4	329.7	306.8	283.5	260.4	238.4	215.3	191.8	167.8	143.6	119.7
50°	370.8	350.4	326.3	301.7	276.6	253.3	229.9	204.9	179.7	154.2	129.1
47.5°	387.2	368.4	345.1	319.2	292.9	267.9	243.5	217.7	191.2	164.4	138.0
45°	403.1	385.0	362.5	336.1	308.9	282.6	256.6	229.9	202.2	174.2	146.6
42.5°	418.1	400.0	379.0	352.3	324.2	296.6	269.4	241.5	212.7	183.6	154.7
40°	430.9	413.2	394.5	367.9	338.7	309.9	281.5	252.7	222.8	192.5	162.5
37.5°	443.3	425.2	405.9	382.5	352.2	322.3	292.8	263.4	232.5	201.1	169.7
35°	455.3	436.6	416.2	393.9	364.8	333.9	303.4	273.5	241.6	209.3	176.5
32.5°	466.1	446.8	425.6	403.1	376.4	344.6	313.3	282.2	250.1	217.0	182.8
30°	478.9	455.4	434.1	412.2	386.3	354.4	322.3	290.4	257.9	224.4	188.8
27.5°	491.1	463.6	441.7	419.8	394.1	363.3	330.8	298.0	265.1	231.0	194.6
25°	502.9	473.0	448.7	426.1	401.6	371.8	338.5	305.0	271.4	236.9	200.0
22.5°	516.5	481.7	455.3	431.5	408.8	379.5	345.5	311.3	277.0	242.1	205.0
20°	528.7	488.8	461.4	436.7	414.2	385.4	351.7	316.9	281.9	246.7	209.5
17.5°	540.5	496.9	467.4	441.7	418.2	390.5	357.2	321.8	286.3	250.7	213.4
15°	556.9	506.2	472.5	445.9	421.6	394.8	361.9	326.0	290.1	254.1	217.0
12.5°	571.0	514.0	476.8	449.3	424.3	398.4	365.8	329.5	293.2	257.1	220.2
10°	582.4	520.2	480.1	452.0	426.4	401.2	368.9	332.4	296.1	259.7	222.8
7.5°	591.1	524.8	482.5	453.9	427.9	403.3	371.7	335.0	298.4	261.8	224.8
5°	597.0	527.8	484.5	455.0	428.7	404.5	373.8	336.9	300.1	263.2	226.2
2.5°	600.0	529.1	486.0	455.3	428.8	404.9	375.1	338.0	301.1	264.1	227.1
0°	600.2	528.8	486.5	454.8	428.3	404.5	375.5	338.4	301.4	264.4	227.4
-2.5°	600.0	529.1	486.0	455.3	428.8	404.9	375.1	338.0	301.1	264.1	227.1
-5°	597.0	527.8	484.5	455.0	428.7	404.5	373.8	336.9	300.1	263.2	226.2
-7.5°	591.1	524.8	482.5	453.9	427.9	403.3	371.7	335.0	298.4	261.8	224.8
-10°	582.4	520.2	480.1	452.0	426.4	401.2	368.9	332.4	296.1	259.7	222.8
-12.5°	571.0	514.0	476.8	449.3	424.3	398.4	365.8	329.5	293.2	257.1	220.2
-15°	556.9	506.2	472.5	445.9	421.6	394.8	361.9	326.0	290.1	254.1	217.0
-17.5°	540.5	496.9	467.4	441.7	418.2	390.5	357.2	321.8	286.3	250.7	213.4
-20°	528.7	488.8	461.4	436.7	414.2	385.4	351.7	316.9	281.9	246.7	209.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627087 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	516.5	481.7	455.3	431.5	408.8	379.5	345.5	311.3	277.0	242.1	205.0
-25°	502.9	473.0	448.7	426.1	401.6	371.8	338.5	305.0	271.4	236.9	200.0
-27.5°	491.1	463.6	441.7	419.8	394.1	363.3	330.8	298.0	265.1	231.0	194.6
-30°	478.9	455.4	434.1	412.2	386.3	354.4	322.3	290.4	257.9	224.4	188.8
-32.5°	466.1	446.8	425.6	403.1	376.4	344.6	313.3	282.2	250.1	217.0	182.8
-35°	455.3	436.6	416.2	393.9	364.8	333.9	303.4	273.5	241.6	209.3	176.5
-37.5°	443.3	425.2	405.9	382.5	352.2	322.3	292.8	263.4	232.5	201.1	169.7
-40°	430.9	413.2	394.5	367.9	338.7	309.9	281.5	252.7	222.8	192.5	162.5
-42.5°	418.1	400.0	379.0	352.3	324.2	296.6	269.4	241.5	212.7	183.6	154.7
-45°	403.1	385.0	362.5	336.1	308.9	282.6	256.6	229.9	202.2	174.2	146.6
-47.5°	387.2	368.4	345.1	319.2	292.9	267.9	243.5	217.7	191.2	164.4	138.0
-50°	370.8	350.4	326.3	301.7	276.6	253.3	229.9	204.9	179.7	154.2	129.1
-52.5°	351.4	329.7	306.8	283.5	260.4	238.4	215.3	191.8	167.8	143.6	119.7
-55°	329.2	308.3	286.8	264.9	243.6	222.2	200.4	178.1	155.5	132.5	110.2
-57.5°	305.5	286.3	265.7	245.4	225.1	205.1	184.9	164.1	142.6	121.1	101.4
-60°	280.2	262.0	243.5	224.3	205.4	187.3	169.1	149.4	129.2	109.6	92.5
-62.5°	252.6	236.4	219.3	201.9	185.3	169.1	152.7	133.9	115.4	99.0	83.4
-65°	224.3	209.4	194.2	179.5	164.9	150.3	134.9	118.0	102.6	88.1	74.0
-67.5°	195.4	182.8	169.8	156.9	144.2	130.8	116.7	103.1	89.9	77.0	64.4
-70°	167.9	156.8	145.7	134.8	123.3	111.4	100.2	88.6	77.0	65.9	54.7
-72.5°	141.0	131.9	122.4	112.7	103.3	93.7	83.8	74.0	64.4	54.7	44.9
-75°	114.8	107.4	99.9	92.1	84.0	75.8	68.1	59.9	51.7	43.4	36.2
-77.5°	90.1	84.1	77.8	72.0	66.0	59.6	52.8	45.7	39.6	33.9	27.8
-80°	67.0	62.8	58.5	53.9	48.8	43.3	38.5	33.9	29.4	24.5	19.4
-82.5°	45.7	42.7	39.8	36.7	33.1	29.6	26.2	22.9	19.1	15.2	12.5
-85°	26.1	24.2	22.2	20.1	18.0	15.9	14.7	13.4	11.6	9.9	8.3
-87.5°	10.7	10.2	9.7	9.1	8.5	7.9	7.3	6.7	5.8	5.0	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA3B-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°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
80°	14.1	11.4	9.1	6.9	4.6	2.3	0.0
77.5°	21.5	15.4	11.4	8.5	5.7	2.9	0.0
75°	28.8	21.5	14.1	10.2	6.8	3.4	0.0
72.5°	36.1	27.5	18.9	11.9	7.9	4.0	0.0
70°	43.4	33.5	23.7	13.9	9.0	4.5	0.0
67.5°	51.6	39.4	28.5	17.4	10.1	5.1	0.0
65°	59.7	45.6	33.1	20.9	11.1	5.6	0.0
62.5°	67.6	52.1	37.6	24.3	12.2	6.1	0.0
60°	75.3	58.4	42.1	27.7	13.2	6.6	0.0
57.5°	83.0	64.6	46.9	30.9	15.3	7.1	0.0
55°	90.6	70.5	51.6	34.1	17.4	7.6	0.0
52.5°	97.9	76.4	56.2	37.1	19.4	8.0	0.0
50°	105.1	82.4	60.6	40.1	21.3	8.5	0.0
47.5°	112.2	88.2	64.8	43.1	23.2	8.9	0.0
45°	119.5	93.8	68.8	46.1	24.9	9.3	0.0
42.5°	126.5	99.3	72.6	48.9	26.6	9.7	0.0
40°	133.1	104.5	76.5	51.6	28.2	10.1	0.0
37.5°	139.3	109.5	80.5	54.1	29.7	10.5	0.0
35°	145.1	114.3	84.2	56.4	31.0	10.8	0.0
32.5°	150.6	118.9	87.7	58.5	32.3	11.1	0.0
30°	155.6	123.1	91.1	60.6	33.5	11.4	0.0
27.5°	160.2	127.0	94.0	62.4	34.6	11.7	0.0
25°	164.4	130.6	96.7	64.1	35.6	12.0	0.0
22.5°	168.2	133.7	99.1	65.6	36.5	12.2	0.0
20°	171.5	136.4	101.2	67.0	37.3	12.4	0.0
17.5°	174.5	138.8	103.1	68.2	38.0	12.6	0.0
15°	177.3	140.8	104.7	69.2	38.5	12.7	0.0
12.5°	179.6	142.4	106.0	70.0	39.0	12.9	0.0
10°	181.5	143.7	107.1	70.6	39.3	13.0	0.0
7.5°	183.1	144.7	107.8	71.1	39.6	13.1	0.0
5°	184.2	145.3	108.3	71.4	39.7	13.1	0.0
2.5°	184.9	145.5	108.5	71.5	39.8	13.2	0.0
0°	185.1	145.4	108.4	71.4	39.7	13.2	0.0
-2.5°	184.9	145.5	108.5	71.5	39.8	13.2	0.0
-5°	184.2	145.3	108.3	71.4	39.7	13.1	0.0
-7.5°	183.1	144.7	107.8	71.1	39.6	13.1	0.0
-10°	181.5	143.7	107.1	70.6	39.3	13.0	0.0
-12.5°	179.6	142.4	106.0	70.0	39.0	12.9	0.0
-15°	177.3	140.8	104.7	69.2	38.5	12.7	0.0
-17.5°	174.5	138.8	103.1	68.2	38.0	12.6	0.0
-20°	171.5	136.4	101.2	67.0	37.3	12.4	0.0

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CATALOG NUMBER: GFLD-SA3B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	168.2	133.7	99.1	65.6	36.5	12.2	0.0
-25°	164.4	130.6	96.7	64.1	35.6	12.0	0.0
-27.5°	160.2	127.0	94.0	62.4	34.6	11.7	0.0
-30°	155.6	123.1	91.1	60.6	33.5	11.4	0.0
-32.5°	150.6	118.9	87.7	58.5	32.3	11.1	0.0
-35°	145.1	114.3	84.2	56.4	31.0	10.8	0.0
-37.5°	139.3	109.5	80.5	54.1	29.7	10.5	0.0
-40°	133.1	104.5	76.5	51.6	28.2	10.1	0.0
-42.5°	126.5	99.3	72.6	48.9	26.6	9.7	0.0
-45°	119.5	93.8	68.8	46.1	24.9	9.3	0.0
-47.5°	112.2	88.2	64.8	43.1	23.2	8.9	0.0
-50°	105.1	82.4	60.6	40.1	21.3	8.5	0.0
-52.5°	97.9	76.4	56.2	37.1	19.4	8.0	0.0
-55°	90.6	70.5	51.6	34.1	17.4	7.6	0.0
-57.5°	83.0	64.6	46.9	30.9	15.3	7.1	0.0
-60°	75.3	58.4	42.1	27.7	13.2	6.6	0.0
-62.5°	67.6	52.1	37.6	24.3	12.2	6.1	0.0
-65°	59.7	45.6	33.1	20.9	11.1	5.6	0.0
-67.5°	51.6	39.4	28.5	17.4	10.1	5.1	0.0
-70°	43.4	33.5	23.7	13.9	9.0	4.5	0.0
-72.5°	36.1	27.5	18.9	11.9	7.9	4.0	0.0
-75°	28.8	21.5	14.1	10.2	6.8	3.4	0.0
-77.5°	21.5	15.4	11.4	8.5	5.7	2.9	0.0
-80°	14.1	11.4	9.1	6.9	4.6	2.3	0.0
-82.5°	10.2	8.5	6.9	5.2	3.4	1.7	0.0
-85°	6.8	5.7	4.6	3.4	2.3	1.2	0.0
-87.5°	3.4	2.9	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)