

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: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA4C-722-U-NR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N82
 Light Source: (64) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

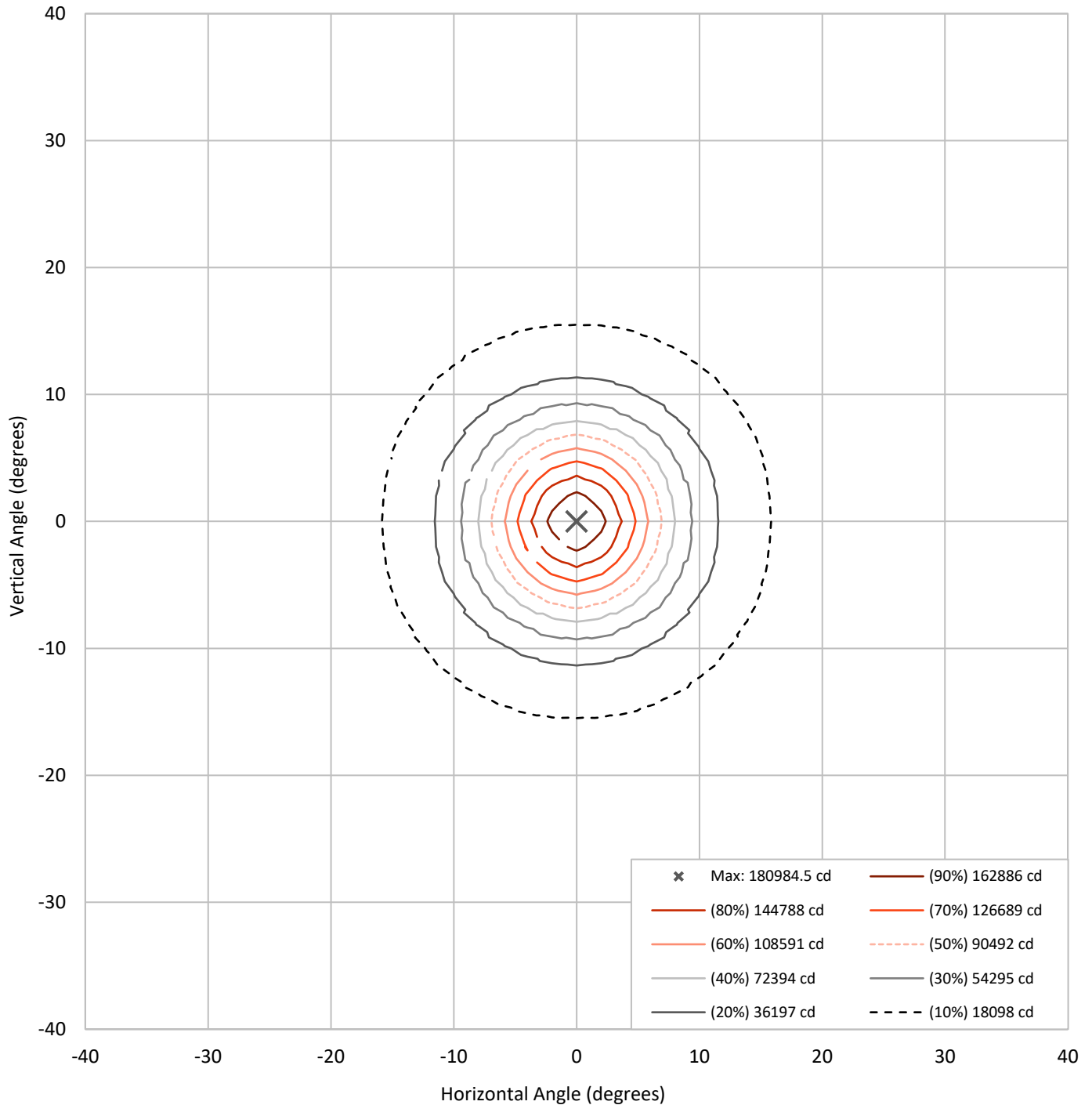
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19217.9 lumens	Max Intensity:	180984.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	5681.9 lumens	Field Lumens:	12786.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





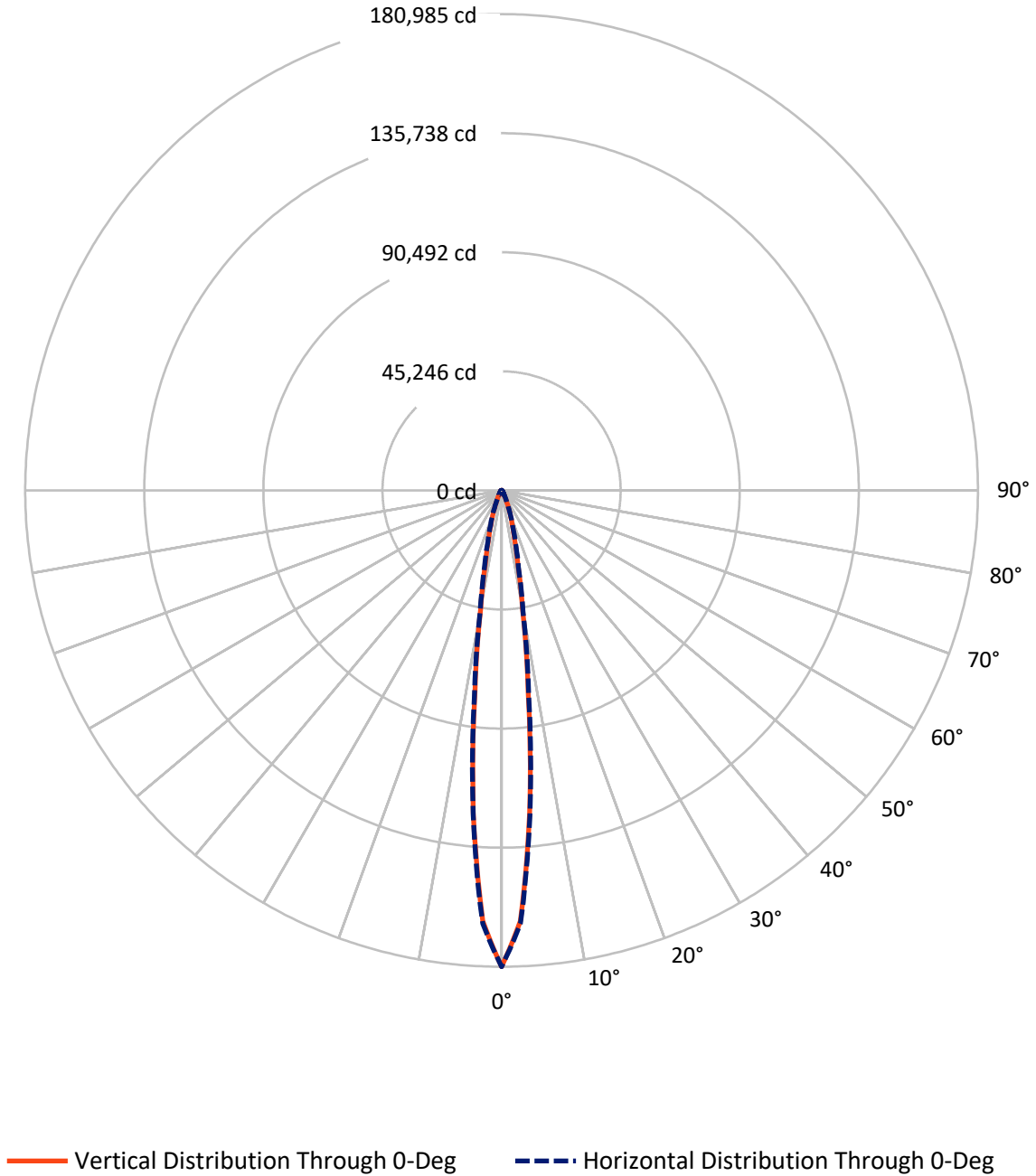
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Lumen Table

90	0.3	2.6		6.9		11.2		12.2		11.2		6.9		2.6		0.3
80	0.3	2.6		6.9		11.2		12.2		11.2		6.9		2.6		0.3
70	1.2	1.3	2.8	4.6	6.4	7.9	8.9	9.3	9.3	8.9	7.9	6.4	4.6	2.8	1.3	1.2
60		2.0	4.2	6.8	9.1	11.1	12.4	12.9	12.9	12.4	11.1	9.1	6.8	4.2	2.0	
50	2.1	2.7	5.4	8.4	11.1	14.0	16.5	17.7	17.7	16.5	14.0	11.1	8.4	5.4	2.7	2.1
40		3.2	6.4	9.6	13.7	19.7	27.7	34.3	34.3	27.7	19.7	13.7	9.6	6.4	3.2	
30	2.7	3.6	6.9	10.9	17.7	35.1	80.0	132.4	132.4	80.0	35.1	17.7	10.9	6.9	3.6	2.7
20		3.9	7.3	12.0	23.5	74.6	264.8	570.2	570.2	264.8	74.6	23.5	12.0	7.3	3.9	
10	2.9	4.0	7.5	12.7	28.4	122.9	575.5	2486.3	2486.3	575.5	122.9	28.4	12.7	7.5	4.0	2.9
0		4.0	7.5	12.7	28.4	122.9	575.5	2486.3	2486.3	575.5	122.9	28.4	12.7	7.5	4.0	
-10	2.7	3.9	7.3	12.0	23.5	74.6	264.8	570.2	570.2	264.8	74.6	23.5	12.0	7.3	3.9	2.7
-20		3.6	6.9	10.9	17.7	35.1	80.0	132.4	132.4	80.0	35.1	17.7	10.9	6.9	3.6	
-30	2.1	3.2	6.4	9.6	13.7	19.7	27.7	34.3	34.3	27.7	19.7	13.7	9.6	6.4	3.2	2.1
-40		2.7	5.4	8.4	11.1	14.0	16.5	17.7	17.7	16.5	14.0	11.1	8.4	5.4	2.7	
-50	1.2	2.0	4.2	6.8	9.1	11.1	12.4	12.9	12.9	12.4	11.1	9.1	6.8	4.2	2.0	1.2
-60		1.3	2.8	4.6	6.4	7.9	8.9	9.3	9.3	8.9	7.9	6.4	4.6	2.8	1.3	
-70	0.3	2.6		6.9		11.2		12.2		11.2		6.9		2.6		0.3
-80		2.6		6.9		11.2		12.2		11.2		6.9		2.6		
-90	0.3	2.6		6.9		11.2		12.2		11.2		6.9		2.6		0.3

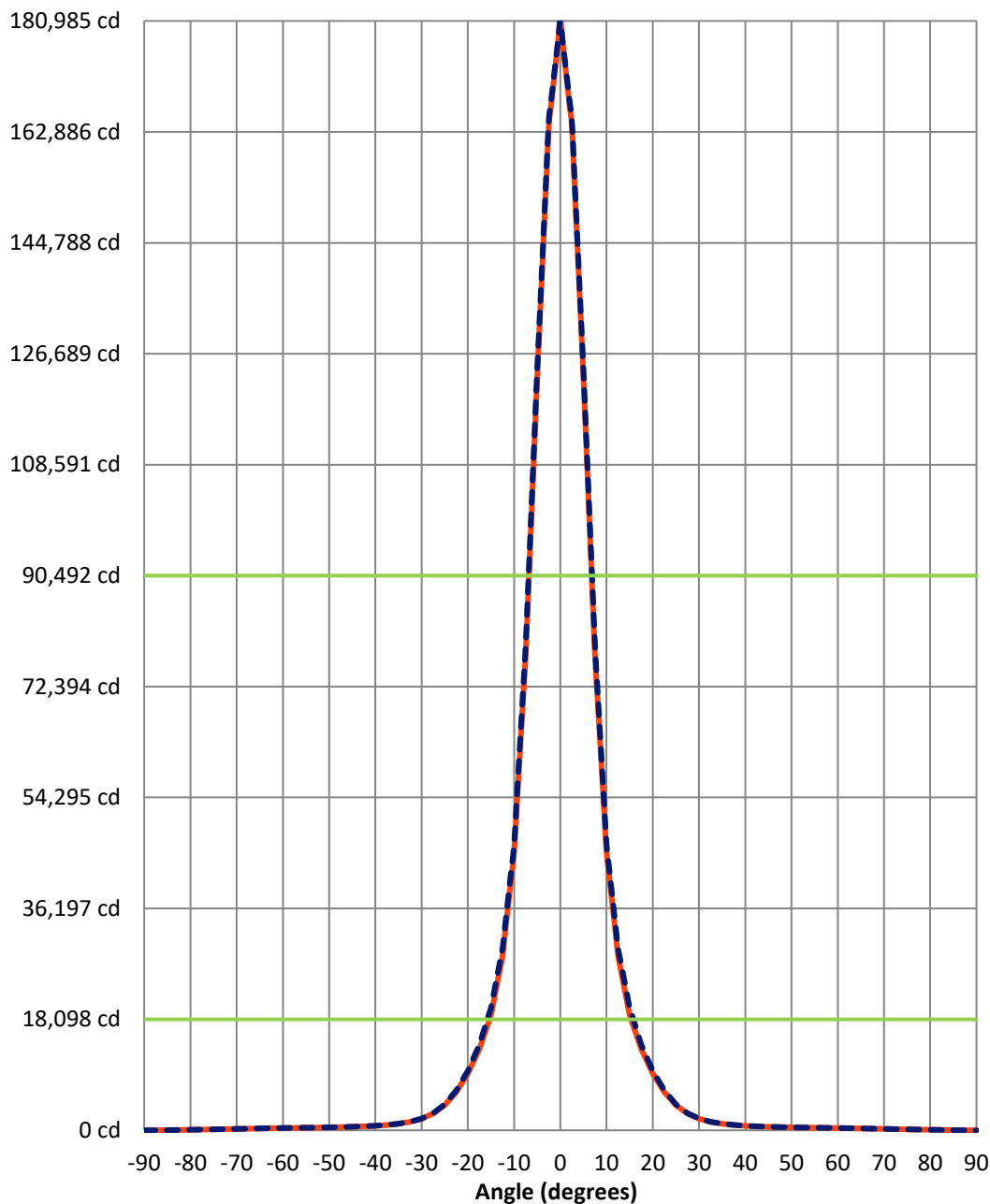
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5681.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12786.6
 Efficiency: 66.5%

Spill:
 Lumens: 6431.3
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-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	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.5
85°	0.0	1.2	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9	13.1
82.5°	0.0	1.8	4.0	6.1	8.1	10.0	12.0	13.9	16.0	18.9	21.7
80°	0.0	2.3	5.4	8.1	10.7	13.4	16.2	20.1	23.9	27.7	31.4
77.5°	0.0	2.9	6.7	10.0	13.4	17.1	22.1	27.0	31.8	36.5	41.5
75°	0.0	3.5	7.9	12.0	16.1	21.8	27.9	33.8	39.7	46.2	52.7
72.5°	0.0	4.0	9.2	13.9	19.7	26.4	33.6	40.8	48.6	56.2	63.7
70°	0.0	4.6	10.4	16.0	23.1	30.9	39.3	48.6	57.4	66.2	76.0
67.5°	0.0	5.1	11.6	18.4	26.5	35.3	45.8	56.2	66.2	77.3	88.3
65°	0.0	5.6	12.8	20.8	29.8	40.1	52.1	63.7	76.0	88.3	101.3
62.5°	0.0	6.2	13.9	23.2	33.1	45.3	58.4	71.9	85.6	99.5	115.9
60°	0.0	6.6	15.0	25.4	36.2	50.3	64.4	80.1	95.0	112.1	130.0
57.5°	0.0	7.1	16.4	27.6	40.1	55.3	71.1	88.2	105.3	124.2	143.7
55°	0.0	7.6	17.7	29.7	43.9	60.1	77.8	95.9	115.6	135.9	156.8
52.5°	0.0	8.0	19.1	31.8	47.6	64.8	84.2	104.2	125.4	147.1	169.5
50°	0.0	8.4	20.4	33.7	51.2	70.0	90.4	112.3	134.8	157.8	181.6
47.5°	0.0	8.8	21.6	35.8	54.7	75.0	96.4	120.2	143.8	168.0	193.5
45°	0.0	9.2	22.9	38.2	58.0	79.7	102.9	127.8	152.5	178.5	205.1
42.5°	0.0	9.5	24.0	40.6	61.1	84.3	109.1	135.0	160.7	188.6	216.4
40°	0.0	9.8	25.2	42.9	64.4	88.6	115.0	141.9	168.9	198.4	227.4
37.5°	0.0	10.1	26.2	45.1	67.6	92.7	120.5	148.4	177.0	207.5	238.0
35°	0.0	10.4	27.3	47.2	70.7	96.9	125.8	154.6	184.6	216.2	248.2
32.5°	0.0	10.7	28.2	49.2	73.6	101.0	130.7	160.3	191.5	224.2	257.1
30°	0.0	10.9	29.2	51.1	76.3	104.8	135.3	165.8	197.9	231.7	265.2
27.5°	0.0	11.1	30.0	52.8	78.9	108.3	139.6	170.9	203.8	238.6	272.5
25°	0.0	11.3	30.8	54.3	81.3	111.6	143.4	175.6	209.3	244.7	278.9
22.5°	0.0	11.4	31.6	55.8	83.5	114.5	147.0	179.7	214.3	249.9	284.5
20°	0.0	11.5	32.2	57.1	85.5	117.0	150.1	183.3	218.7	254.4	289.5
17.5°	0.0	11.6	32.8	58.2	87.3	119.1	152.7	186.4	222.6	258.2	294.0
15°	0.0	11.7	33.4	59.2	88.8	120.9	154.8	189.2	225.8	261.3	297.9
12.5°	0.0	11.7	33.8	60.1	90.1	122.3	156.5	191.7	228.6	263.7	301.1
10°	0.0	11.8	34.2	60.8	91.2	123.3	157.8	193.8	230.7	266.3	304.2
7.5°	0.0	11.8	34.5	61.3	92.0	124.0	158.7	195.5	232.1	268.5	307.7
5°	0.0	11.7	34.7	61.7	92.6	124.3	159.2	196.8	232.9	270.1	310.6
2.5°	0.0	11.7	34.9	61.9	93.0	124.4	159.3	197.5	233.1	271.1	312.8
0°	0.0	11.6	34.9	62.0	93.1	124.1	159.0	197.8	232.7	271.4	314.1
-2.5°	0.0	11.7	34.9	61.9	93.0	124.4	159.3	197.5	233.1	271.1	312.8
-5°	0.0	11.7	34.7	61.7	92.6	124.3	159.2	196.8	232.9	270.1	310.6
-7.5°	0.0	11.8	34.5	61.3	92.0	124.0	158.7	195.5	232.1	268.5	307.7
-10°	0.0	11.8	34.2	60.8	91.2	123.3	157.8	193.8	230.7	266.3	304.2
-12.5°	0.0	11.7	33.8	60.1	90.1	122.3	156.5	191.7	228.6	263.7	301.1
-15°	0.0	11.7	33.4	59.2	88.8	120.9	154.8	189.2	225.8	261.3	297.9
-17.5°	0.0	11.6	32.8	58.2	87.3	119.1	152.7	186.4	222.6	258.2	294.0
-20°	0.0	11.5	32.2	57.1	85.5	117.0	150.1	183.3	218.7	254.4	289.5

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Scaled Data Report



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	31.6	55.8	83.5	114.5	147.0	179.7	214.3	249.9	284.5
-25°	0.0	11.3	30.8	54.3	81.3	111.6	143.4	175.6	209.3	244.7	278.9
-27.5°	0.0	11.1	30.0	52.8	78.9	108.3	139.6	170.9	203.8	238.6	272.5
-30°	0.0	10.9	29.2	51.1	76.3	104.8	135.3	165.8	197.9	231.7	265.2
-32.5°	0.0	10.7	28.2	49.2	73.6	101.0	130.7	160.3	191.5	224.2	257.1
-35°	0.0	10.4	27.3	47.2	70.7	96.9	125.8	154.6	184.6	216.2	248.2
-37.5°	0.0	10.1	26.2	45.1	67.6	92.7	120.5	148.4	177.0	207.5	238.0
-40°	0.0	9.8	25.2	42.9	64.4	88.6	115.0	141.9	168.9	198.4	227.4
-42.5°	0.0	9.5	24.0	40.6	61.1	84.3	109.1	135.0	160.7	188.6	216.4
-45°	0.0	9.2	22.9	38.2	58.0	79.7	102.9	127.8	152.5	178.5	205.1
-47.5°	0.0	8.8	21.6	35.8	54.7	75.0	96.4	120.2	143.8	168.0	193.5
-50°	0.0	8.4	20.4	33.7	51.2	70.0	90.4	112.3	134.8	157.8	181.6
-52.5°	0.0	8.0	19.1	31.8	47.6	64.8	84.2	104.2	125.4	147.1	169.5
-55°	0.0	7.6	17.7	29.7	43.9	60.1	77.8	95.9	115.6	135.9	156.8
-57.5°	0.0	7.1	16.4	27.6	40.1	55.3	71.1	88.2	105.3	124.2	143.7
-60°	0.0	6.6	15.0	25.4	36.2	50.3	64.4	80.1	95.0	112.1	130.0
-62.5°	0.0	6.2	13.9	23.2	33.1	45.3	58.4	71.9	85.6	99.5	115.9
-65°	0.0	5.6	12.8	20.8	29.8	40.1	52.1	63.7	76.0	88.3	101.3
-67.5°	0.0	5.1	11.6	18.4	26.5	35.3	45.8	56.2	66.2	77.3	88.3
-70°	0.0	4.6	10.4	16.0	23.1	30.9	39.3	48.6	57.4	66.2	76.0
-72.5°	0.0	4.0	9.2	13.9	19.7	26.4	33.6	40.8	48.6	56.2	63.7
-75°	0.0	3.5	7.9	12.0	16.1	21.8	27.9	33.8	39.7	46.2	52.7
-77.5°	0.0	2.9	6.7	10.0	13.4	17.1	22.1	27.0	31.8	36.5	41.5
-80°	0.0	2.3	5.4	8.1	10.7	13.4	16.2	20.1	23.9	27.7	31.4
-82.5°	0.0	1.8	4.0	6.1	8.1	10.0	12.0	13.9	16.0	18.9	21.7
-85°	0.0	1.2	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9	13.1
-87.5°	0.0	0.6	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	7.2	7.7	8.3	8.9	9.4	10.0	10.5	11.0	11.4	11.9	12.3
85°	14.3	15.5	17.2	18.9	20.3	21.6	22.7	23.5	25.1	26.8	28.6
82.5°	24.4	27.1	29.7	32.2	33.9	35.3	36.7	38.7	42.1	45.4	48.4
80°	35.1	38.6	42.6	46.6	49.9	53.3	56.8	60.4	64.2	67.7	71.1
77.5°	46.8	51.9	57.0	61.9	66.8	72.1	77.2	82.1	86.8	91.2	95.5
75°	59.0	65.2	72.0	78.8	85.3	91.6	97.9	104.5	110.9	116.9	122.7
72.5°	71.9	80.1	88.2	96.1	104.5	112.9	120.9	128.7	136.2	144.2	152.5
70°	85.6	95.0	105.5	115.6	125.1	135.0	144.9	153.5	161.7	172.6	183.7
67.5°	99.6	112.4	124.3	135.6	148.3	160.0	170.1	181.0	192.7	205.2	216.3
65°	116.3	130.1	143.9	158.3	172.9	185.1	197.8	211.3	224.5	237.0	248.9
62.5°	132.7	148.3	164.2	179.9	194.9	209.5	224.8	239.8	254.3	268.9	281.7
60°	148.5	166.3	183.0	199.4	216.4	234.6	251.5	268.1	285.5	302.0	310.6
57.5°	163.8	182.7	200.2	218.6	238.6	259.1	276.9	295.8	310.7	322.1	333.3
55°	178.1	197.8	217.0	237.7	259.4	280.7	300.6	317.3	331.0	341.5	353.4
52.5°	191.5	212.3	233.2	255.8	278.8	301.6	322.3	338.1	350.4	361.1	372.2
50°	204.7	226.6	248.6	273.4	298.1	322.3	342.6	357.0	368.6	379.7	391.1
47.5°	217.7	240.6	264.4	290.8	317.5	340.9	360.1	373.3	385.1	398.0	410.5
45°	230.4	255.2	280.4	308.7	335.6	358.1	374.5	387.7	402.2	416.1	429.6
42.5°	242.9	269.6	296.9	326.2	352.2	372.5	387.8	403.4	419.0	433.9	449.0
40°	255.4	283.4	312.3	341.5	367.7	385.2	401.4	418.1	435.3	451.6	468.3
37.5°	267.4	296.4	326.2	355.7	379.4	397.2	414.0	432.5	450.7	468.4	490.2
35°	278.8	308.2	338.3	366.8	389.7	408.0	426.8	446.3	465.4	488.3	513.2
32.5°	289.0	318.9	349.4	375.9	398.3	418.1	439.1	459.5	482.4	508.3	538.1
30°	297.6	328.2	358.8	384.7	406.6	427.5	450.4	472.8	499.6	530.7	566.2
27.5°	305.2	336.5	366.2	392.2	414.4	435.3	459.4	487.7	518.4	553.3	595.0
25°	312.2	344.9	373.3	399.1	420.7	442.5	468.3	499.7	536.6	578.6	629.7
22.5°	318.9	353.0	380.5	405.6	425.6	449.2	478.3	512.3	552.5	601.7	664.0
20°	325.3	359.1	386.2	410.7	429.3	455.1	487.0	523.4	569.1	627.8	699.7
17.5°	331.1	364.3	390.7	413.8	434.2	461.3	494.8	532.4	583.5	651.5	732.6
15°	336.5	368.6	394.3	416.2	438.5	467.8	502.8	543.6	599.4	674.0	761.7
12.5°	341.2	372.1	397.1	418.1	442.0	473.0	509.9	555.3	616.5	696.2	798.7
10°	345.2	374.8	399.0	419.5	444.6	477.1	515.9	564.7	630.1	713.3	827.1
7.5°	348.6	376.9	400.4	420.2	446.3	480.0	520.6	572.0	639.7	725.5	847.6
5°	351.0	378.6	402.0	422.6	448.9	482.2	524.0	576.9	645.2	732.8	860.4
2.5°	352.4	379.7	403.0	424.8	451.8	484.1	526.5	582.3	649.8	739.8	870.1
0°	352.9	380.0	403.3	426.5	453.7	484.7	527.4	585.5	651.4	744.5	876.3
-2.5°	352.4	379.7	403.0	424.8	451.8	484.1	526.5	582.3	649.8	739.8	870.1
-5°	351.0	378.6	402.0	422.6	448.9	482.2	524.0	576.9	645.2	732.8	860.4
-7.5°	348.6	376.9	400.4	420.2	446.3	480.0	520.6	572.0	639.7	725.5	847.6
-10°	345.2	374.8	399.0	419.5	444.6	477.1	515.9	564.7	630.1	713.3	827.1
-12.5°	341.2	372.1	397.1	418.1	442.0	473.0	509.9	555.3	616.5	696.2	798.7
-15°	336.5	368.6	394.3	416.2	438.5	467.8	502.8	543.6	599.4	674.0	761.7
-17.5°	331.1	364.3	390.7	413.8	434.2	461.3	494.8	532.4	583.5	651.5	732.6
-20°	325.3	359.1	386.2	410.7	429.3	455.1	487.0	523.4	569.1	627.8	699.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	318.9	353.0	380.5	405.6	425.6	449.2	478.3	512.3	552.5	601.7	664.0
-25°	312.2	344.9	373.3	399.1	420.7	442.5	468.3	499.7	536.6	578.6	629.7
-27.5°	305.2	336.5	366.2	392.2	414.4	435.3	459.4	487.7	518.4	553.3	595.0
-30°	297.6	328.2	358.8	384.7	406.6	427.5	450.4	472.8	499.6	530.7	566.2
-32.5°	289.0	318.9	349.4	375.9	398.3	418.1	439.1	459.5	482.4	508.3	538.1
-35°	278.8	308.2	338.3	366.8	389.7	408.0	426.8	446.3	465.4	488.3	513.2
-37.5°	267.4	296.4	326.2	355.7	379.4	397.2	414.0	432.5	450.7	468.4	490.2
-40°	255.4	283.4	312.3	341.5	367.7	385.2	401.4	418.1	435.3	451.6	468.3
-42.5°	242.9	269.6	296.9	326.2	352.2	372.5	387.8	403.4	419.0	433.9	449.0
-45°	230.4	255.2	280.4	308.7	335.6	358.1	374.5	387.7	402.2	416.1	429.6
-47.5°	217.7	240.6	264.4	290.8	317.5	340.9	360.1	373.3	385.1	398.0	410.5
-50°	204.7	226.6	248.6	273.4	298.1	322.3	342.6	357.0	368.6	379.7	391.1
-52.5°	191.5	212.3	233.2	255.8	278.8	301.6	322.3	338.1	350.4	361.1	372.2
-55°	178.1	197.8	217.0	237.7	259.4	280.7	300.6	317.3	331.0	341.5	353.4
-57.5°	163.8	182.7	200.2	218.6	238.6	259.1	276.9	295.8	310.7	322.1	333.3
-60°	148.5	166.3	183.0	199.4	216.4	234.6	251.5	268.1	285.5	302.0	310.6
-62.5°	132.7	148.3	164.2	179.9	194.9	209.5	224.8	239.8	254.3	268.9	281.7
-65°	116.3	130.1	143.9	158.3	172.9	185.1	197.8	211.3	224.5	237.0	248.9
-67.5°	99.6	112.4	124.3	135.6	148.3	160.0	170.1	181.0	192.7	205.2	216.3
-70°	85.6	95.0	105.5	115.6	125.1	135.0	144.9	153.5	161.7	172.6	183.7
-72.5°	71.9	80.1	88.2	96.1	104.5	112.9	120.9	128.7	136.2	144.2	152.5
-75°	59.0	65.2	72.0	78.8	85.3	91.6	97.9	104.5	110.9	116.9	122.7
-77.5°	46.8	51.9	57.0	61.9	66.8	72.1	77.2	82.1	86.8	91.2	95.5
-80°	35.1	38.6	42.6	46.6	49.9	53.3	56.8	60.4	64.2	67.7	71.1
-82.5°	24.4	27.1	29.7	32.2	33.9	35.3	36.7	38.7	42.1	45.4	48.4
-85°	14.3	15.5	17.2	18.9	20.3	21.6	22.7	23.5	25.1	26.8	28.6
-87.5°	7.2	7.7	8.3	8.9	9.4	10.0	10.5	11.0	11.4	11.9	12.3
-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: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	12.7	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0	14.2	13.3
85°	30.3	31.5	32.5	33.5	34.4	35.2	36.0	36.6	37.2	36.7	36.2
82.5°	51.1	53.1	55.0	56.7	58.2	59.7	61.0	62.1	63.1	63.0	62.7
80°	74.3	77.6	81.0	84.3	87.5	89.5	90.9	92.0	92.7	93.1	93.2
77.5°	99.9	105.0	110.4	115.7	120.9	123.8	126.0	127.7	129.1	129.4	129.2
75°	128.2	134.8	142.2	148.6	154.1	157.5	159.9	161.9	163.5	163.9	163.8
72.5°	161.2	169.4	175.9	181.3	186.0	189.7	192.6	195.1	197.2	198.1	198.2
70°	193.6	201.7	207.9	213.4	218.0	221.8	225.3	228.4	230.9	232.7	234.1
67.5°	226.4	235.6	242.0	247.0	250.9	254.9	259.6	263.7	267.1	269.4	270.6
65°	260.1	269.6	275.8	281.2	286.0	291.1	296.3	300.2	302.7	304.3	305.3
62.5°	292.7	301.6	309.4	316.6	323.5	329.2	332.9	336.1	338.9	341.2	343.0
60°	320.7	332.1	340.8	347.7	354.4	361.0	365.4	368.9	371.7	373.7	375.0
57.5°	344.6	356.2	366.5	373.2	380.5	388.3	393.4	396.4	399.1	401.5	402.5
55°	365.5	376.2	385.7	394.9	403.1	410.1	415.6	419.5	422.9	425.5	426.4
52.5°	384.4	396.0	407.1	416.8	424.9	431.6	437.1	442.0	445.8	448.3	449.5
50°	404.1	416.6	428.5	439.1	447.5	455.0	461.8	467.6	473.2	477.6	480.8
47.5°	423.6	436.9	450.0	461.7	471.7	482.6	492.4	500.7	508.9	515.4	520.0
45°	443.2	458.6	472.8	488.0	501.5	515.8	529.1	540.5	552.3	561.2	567.2
42.5°	464.9	482.4	499.6	518.4	536.8	555.5	575.6	593.6	607.5	620.5	631.1
40°	488.3	508.3	530.7	553.8	580.9	605.5	632.6	655.8	676.8	699.1	716.7
37.5°	513.2	538.1	567.6	598.5	633.6	667.3	702.6	737.4	767.7	803.5	830.7
35°	540.7	574.0	610.3	652.1	695.8	744.0	792.4	848.3	896.4	949.2	995.3
32.5°	573.2	613.1	660.7	715.8	771.9	845.1	913.5	1002.5	1079.3	1163.3	1247.8
30°	606.7	658.8	720.3	789.7	878.9	979.6	1091.7	1224.0	1360.5	1492.4	1651.6
27.5°	648.2	711.1	785.5	886.9	1018.2	1154.2	1347.2	1545.8	1796.5	2003.9	2296.2
25°	691.4	765.3	871.0	1009.0	1180.4	1416.5	1709.3	2026.7	2467.7	2855.3	3309.7
22.5°	738.3	838.2	969.7	1140.0	1399.8	1762.3	2205.6	2803.1	3453.7	4144.4	4831.5
20°	787.2	908.0	1080.5	1327.3	1683.8	2174.7	2935.8	3858.1	4787.5	5927.2	6936.4
17.5°	843.8	997.6	1210.1	1518.7	1994.6	2746.5	3802.3	5089.9	6531.8	8170.5	9625.4
15°	891.0	1074.4	1342.6	1774.3	2428.8	3394.4	4725.9	6497.3	8664.0	10864.8	13097.6
12.5°	945.8	1158.0	1472.8	1987.7	2809.6	4093.0	5905.4	8147.4	10853.5	13906.0	17504.6
10°	994.5	1240.0	1631.4	2268.7	3273.2	4821.6	7021.2	9718.4	13210.6	17602.6	23175.2
7.5°	1030.5	1305.2	1753.8	2482.6	3674.0	5522.1	8075.4	11438.8	15876.2	21675.8	29323.8
5°	1053.9	1352.5	1840.4	2647.6	3987.6	6043.4	8848.0	12659.0	18012.4	26214.9	39165.9
2.5°	1067.9	1380.4	1889.8	2744.4	4178.4	6388.8	9435.8	13581.7	19396.8	29020.1	45496.1
0°	1074.1	1388.2	1919.4	2795.8	4242.1	6522.2	9705.7	14002.1	20016.3	29675.5	46609.1
-2.5°	1067.9	1380.4	1889.8	2744.4	4178.4	6388.8	9435.8	13581.7	19396.8	29020.1	45496.1
-5°	1053.9	1352.5	1840.4	2647.6	3987.6	6043.4	8848.0	12659.0	18012.4	26214.9	39165.9
-7.5°	1030.5	1305.2	1753.8	2482.6	3674.0	5522.1	8075.4	11438.8	15876.2	21675.8	29323.8
-10°	994.5	1240.0	1631.4	2268.7	3273.2	4821.6	7021.2	9718.4	13210.6	17602.6	23175.2
-12.5°	945.8	1158.0	1472.8	1987.7	2809.6	4093.0	5905.4	8147.4	10853.5	13906.0	17504.6
-15°	891.0	1074.4	1342.6	1774.3	2428.8	3394.4	4725.9	6497.3	8664.0	10864.8	13097.6
-17.5°	843.8	997.6	1210.1	1518.7	1994.6	2746.5	3802.3	5089.9	6531.8	8170.5	9625.4
-20°	787.2	908.0	1080.5	1327.3	1683.8	2174.7	2935.8	3858.1	4787.5	5927.2	6936.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	738.3	838.2	969.7	1140.0	1399.8	1762.3	2205.6	2803.1	3453.7	4144.4	4831.5
-25°	691.4	765.3	871.0	1009.0	1180.4	1416.5	1709.3	2026.7	2467.7	2855.3	3309.7
-27.5°	648.2	711.1	785.5	886.9	1018.2	1154.2	1347.2	1545.8	1796.5	2003.9	2296.2
-30°	606.7	658.8	720.3	789.7	878.9	979.6	1091.7	1224.0	1360.5	1492.4	1651.6
-32.5°	573.2	613.1	660.7	715.8	771.9	845.1	913.5	1002.5	1079.3	1163.3	1247.8
-35°	540.7	574.0	610.3	652.1	695.8	744.0	792.4	848.3	896.4	949.2	995.3
-37.5°	513.2	538.1	567.6	598.5	633.6	667.3	702.6	737.4	767.7	803.5	830.7
-40°	488.3	508.3	530.7	553.8	580.9	605.5	632.6	655.8	676.8	699.1	716.7
-42.5°	464.9	482.4	499.6	518.4	536.8	555.5	575.6	593.6	607.5	620.5	631.1
-45°	443.2	458.6	472.8	488.0	501.5	515.8	529.1	540.5	552.3	561.2	567.2
-47.5°	423.6	436.9	450.0	461.7	471.7	482.6	492.4	500.7	508.9	515.4	520.0
-50°	404.1	416.6	428.5	439.1	447.5	455.0	461.8	467.6	473.2	477.6	480.8
-52.5°	384.4	396.0	407.1	416.8	424.9	431.6	437.1	442.0	445.8	448.3	449.5
-55°	365.5	376.2	385.7	394.9	403.1	410.1	415.6	419.5	422.9	425.5	426.4
-57.5°	344.6	356.2	366.5	373.2	380.5	388.3	393.4	396.4	399.1	401.5	402.5
-60°	320.7	332.1	340.8	347.7	354.4	361.0	365.4	368.9	371.7	373.7	375.0
-62.5°	292.7	301.6	309.4	316.6	323.5	329.2	332.9	336.1	338.9	341.2	343.0
-65°	260.1	269.6	275.8	281.2	286.0	291.1	296.3	300.2	302.7	304.3	305.3
-67.5°	226.4	235.6	242.0	247.0	250.9	254.9	259.6	263.7	267.1	269.4	270.6
-70°	193.6	201.7	207.9	213.4	218.0	221.8	225.3	228.4	230.9	232.7	234.1
-72.5°	161.2	169.4	175.9	181.3	186.0	189.7	192.6	195.1	197.2	198.1	198.2
-75°	128.2	134.8	142.2	148.6	154.1	157.5	159.9	161.9	163.5	163.9	163.8
-77.5°	99.9	105.0	110.4	115.7	120.9	123.8	126.0	127.7	129.1	129.4	129.2
-80°	74.3	77.6	81.0	84.3	87.5	89.5	90.9	92.0	92.7	93.1	93.2
-82.5°	51.1	53.1	55.0	56.7	58.2	59.7	61.0	62.1	63.1	63.0	62.7
-85°	30.3	31.5	32.5	33.5	34.4	35.2	36.0	36.6	37.2	36.7	36.2
-87.5°	12.7	13.1	13.4	13.7	14.0	14.3	14.6	14.8	15.0	14.2	13.3
-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: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	12.5	11.6	11.6	11.6	11.6	11.6	12.5	13.3	14.2	15.0	14.8
85°	35.5	34.7	34.9	34.9	34.9	34.7	35.5	36.2	36.7	37.2	36.6
82.5°	62.3	61.7	61.9	62.0	61.9	61.7	62.3	62.7	63.0	63.1	62.1
80°	93.0	92.7	91.1	89.2	91.1	92.7	93.0	93.2	93.1	92.7	92.0
77.5°	128.5	127.4	125.9	124.1	125.9	127.4	128.5	129.2	129.4	129.1	127.7
75°	163.2	162.2	162.7	162.9	162.7	162.2	163.2	163.8	163.9	163.5	161.9
72.5°	197.8	197.0	197.6	197.8	197.6	197.0	197.8	198.2	198.1	197.2	195.1
70°	235.0	235.4	234.4	232.7	234.4	235.4	235.0	234.1	232.7	230.9	228.4
67.5°	270.9	270.5	269.3	267.6	269.3	270.5	270.9	270.6	269.4	267.1	263.7
65°	305.7	305.3	305.9	306.3	305.9	305.3	305.7	305.3	304.3	302.7	300.2
62.5°	343.8	343.8	343.0	341.2	343.0	343.8	343.8	343.0	341.2	338.9	336.1
60°	375.4	375.1	374.1	372.3	374.1	375.1	375.4	375.0	373.7	371.7	368.9
57.5°	402.9	402.5	401.3	399.4	401.3	402.5	402.9	402.5	401.5	399.1	396.4
55°	426.5	425.9	424.7	422.7	424.7	425.9	426.5	426.4	425.5	422.9	419.5
52.5°	449.8	449.3	449.4	449.8	449.4	449.3	449.8	449.5	448.3	445.8	442.0
50°	482.7	483.3	482.7	480.8	482.7	483.3	482.7	480.8	477.6	473.2	467.6
47.5°	522.1	522.4	521.5	519.6	521.5	522.4	522.1	520.0	515.4	508.9	500.7
45°	571.9	574.7	575.5	573.9	575.5	574.7	571.9	567.2	561.2	552.3	540.5
42.5°	639.2	643.6	644.9	643.7	644.9	643.6	639.2	631.1	620.5	607.5	593.6
40°	727.6	732.6	733.5	732.9	733.5	732.6	727.6	716.7	699.1	676.8	655.8
37.5°	849.9	862.2	867.9	868.6	867.9	862.2	849.9	830.7	803.5	767.7	737.4
35°	1030.4	1054.8	1067.8	1074.1	1067.8	1054.8	1030.4	995.3	949.2	896.4	848.3
32.5°	1311.9	1360.6	1387.6	1384.3	1387.6	1360.6	1311.9	1247.8	1163.3	1079.3	1002.5
30°	1771.6	1856.8	1899.7	1888.4	1899.7	1856.8	1771.6	1651.6	1492.4	1360.5	1224.0
27.5°	2506.1	2660.2	2749.3	2737.6	2749.3	2660.2	2506.1	2296.2	2003.9	1796.5	1545.8
25°	3689.7	3970.9	4151.0	4106.4	4151.0	3970.9	3689.7	3309.7	2855.3	2467.7	2026.7
22.5°	5490.1	5966.5	6281.9	6243.0	6281.9	5966.5	5490.1	4831.5	4144.4	3453.7	2803.1
20°	7959.7	8685.0	9202.8	9271.4	9202.8	8685.0	7959.7	6936.4	5927.2	4787.5	3858.1
17.5°	11197.0	12346.9	13147.3	13280.9	13147.3	12346.9	11197.0	9625.4	8170.5	6531.8	5089.9
15°	15404.3	17283.7	18643.9	18756.1	18643.9	17283.7	15404.3	13097.6	10864.8	8664.0	6497.3
12.5°	21117.1	24897.1	27364.1	28450.2	27364.1	24897.1	21117.1	17504.6	13906.0	10853.5	8147.4
10°	29023.3	37705.8	43266.2	45356.6	43266.2	37705.8	29023.3	23175.2	17602.6	13210.6	9718.4
7.5°	42229.1	55860.9	71015.9	77475.1	71015.9	55860.9	42229.1	29323.8	21675.8	15876.2	11438.8
5°	57183.6	85475.1	112385.3	122893.7	112385.3	85475.1	57183.6	39165.9	26214.9	18012.4	12659.0
2.5°	72919.6	112353.8	149306.7	163758.1	149306.7	112353.8	72919.6	45496.1	29020.1	19396.8	13581.7
0°	79064.9	124122.9	164779.9	180984.5	164779.9	124122.9	79064.9	46609.1	29675.5	20016.3	14002.1
-2.5°	72919.6	112353.8	149306.7	163758.1	149306.7	112353.8	72919.6	45496.1	29020.1	19396.8	13581.7
-5°	57183.6	85475.1	112385.3	122893.7	112385.3	85475.1	57183.6	39165.9	26214.9	18012.4	12659.0
-7.5°	42229.1	55860.9	71015.9	77475.1	71015.9	55860.9	42229.1	29323.8	21675.8	15876.2	11438.8
-10°	29023.3	37705.8	43266.2	45356.6	43266.2	37705.8	29023.3	23175.2	17602.6	13210.6	9718.4
-12.5°	21117.1	24897.1	27364.1	28450.2	27364.1	24897.1	21117.1	17504.6	13906.0	10853.5	8147.4
-15°	15404.3	17283.7	18643.9	18756.1	18643.9	17283.7	15404.3	13097.6	10864.8	8664.0	6497.3
-17.5°	11197.0	12346.9	13147.3	13280.9	13147.3	12346.9	11197.0	9625.4	8170.5	6531.8	5089.9
-20°	7959.7	8685.0	9202.8	9271.4	9202.8	8685.0	7959.7	6936.4	5927.2	4787.5	3858.1



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5490.1	5966.5	6281.9	6243.0	6281.9	5966.5	5490.1	4831.5	4144.4	3453.7	2803.1
-25°	3689.7	3970.9	4151.0	4106.4	4151.0	3970.9	3689.7	3309.7	2855.3	2467.7	2026.7
-27.5°	2506.1	2660.2	2749.3	2737.6	2749.3	2660.2	2506.1	2296.2	2003.9	1796.5	1545.8
-30°	1771.6	1856.8	1899.7	1888.4	1899.7	1856.8	1771.6	1651.6	1492.4	1360.5	1224.0
-32.5°	1311.9	1360.6	1387.6	1384.3	1387.6	1360.6	1311.9	1247.8	1163.3	1079.3	1002.5
-35°	1030.4	1054.8	1067.8	1074.1	1067.8	1054.8	1030.4	995.3	949.2	896.4	848.3
-37.5°	849.9	862.2	867.9	868.6	867.9	862.2	849.9	830.7	803.5	767.7	737.4
-40°	727.6	732.6	733.5	732.9	733.5	732.6	727.6	716.7	699.1	676.8	655.8
-42.5°	639.2	643.6	644.9	643.7	644.9	643.6	639.2	631.1	620.5	607.5	593.6
-45°	571.9	574.7	575.5	573.9	575.5	574.7	571.9	567.2	561.2	552.3	540.5
-47.5°	522.1	522.4	521.5	519.6	521.5	522.4	522.1	520.0	515.4	508.9	500.7
-50°	482.7	483.3	482.7	480.8	482.7	483.3	482.7	480.8	477.6	473.2	467.6
-52.5°	449.8	449.3	449.4	449.8	449.4	449.3	449.8	449.5	448.3	445.8	442.0
-55°	426.5	425.9	424.7	422.7	424.7	425.9	426.5	426.4	425.5	422.9	419.5
-57.5°	402.9	402.5	401.3	399.4	401.3	402.5	402.9	402.5	401.5	399.1	396.4
-60°	375.4	375.1	374.1	372.3	374.1	375.1	375.4	375.0	373.7	371.7	368.9
-62.5°	343.8	343.8	343.0	341.2	343.0	343.8	343.8	343.0	341.2	338.9	336.1
-65°	305.7	305.3	305.9	306.3	305.9	305.3	305.7	305.3	304.3	302.7	300.2
-67.5°	270.9	270.5	269.3	267.6	269.3	270.5	270.9	270.6	269.4	267.1	263.7
-70°	235.0	235.4	234.4	232.7	234.4	235.4	235.0	234.1	232.7	230.9	228.4
-72.5°	197.8	197.0	197.6	197.8	197.6	197.0	197.8	198.2	198.1	197.2	195.1
-75°	163.2	162.2	162.7	162.9	162.7	162.2	163.2	163.8	163.9	163.5	161.9
-77.5°	128.5	127.4	125.9	124.1	125.9	127.4	128.5	129.2	129.4	129.1	127.7
-80°	93.0	92.7	91.1	89.2	91.1	92.7	93.0	93.2	93.1	92.7	92.0
-82.5°	62.3	61.7	61.9	62.0	61.9	61.7	62.3	62.7	63.0	63.1	62.1
-85°	35.5	34.7	34.9	34.9	34.9	34.7	35.5	36.2	36.7	37.2	36.6
-87.5°	12.5	11.6	11.6	11.6	11.6	11.6	12.5	13.3	14.2	15.0	14.8
-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: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.9	11.4	11.0
85°	36.0	35.2	34.4	33.5	32.5	31.5	30.3	28.6	26.8	25.1	23.5
82.5°	61.0	59.7	58.2	56.7	55.0	53.1	51.1	48.4	45.4	42.1	38.7
80°	90.9	89.5	87.5	84.3	81.0	77.6	74.3	71.1	67.7	64.2	60.4
77.5°	126.0	123.8	120.9	115.7	110.4	105.0	99.9	95.5	91.2	86.8	82.1
75°	159.9	157.5	154.1	148.6	142.2	134.8	128.2	122.7	116.9	110.9	104.5
72.5°	192.6	189.7	186.0	181.3	175.9	169.4	161.2	152.5	144.2	136.2	128.7
70°	225.3	221.8	218.0	213.4	207.9	201.7	193.6	183.7	172.6	161.7	153.5
67.5°	259.6	254.9	250.9	247.0	242.0	235.6	226.4	216.3	205.2	192.7	181.0
65°	296.3	291.1	286.0	281.2	275.8	269.6	260.1	248.9	237.0	224.5	211.3
62.5°	332.9	329.2	323.5	316.6	309.4	301.6	292.7	281.7	268.9	254.3	239.8
60°	365.4	361.0	354.4	347.7	340.8	332.1	320.7	310.6	302.0	285.5	268.1
57.5°	393.4	388.3	380.5	373.2	366.5	356.2	344.6	333.3	322.1	310.7	295.8
55°	415.6	410.1	403.1	394.9	385.7	376.2	365.5	353.4	341.5	331.0	317.3
52.5°	437.1	431.6	424.9	416.8	407.1	396.0	384.4	372.2	361.1	350.4	338.1
50°	461.8	455.0	447.5	439.1	428.5	416.6	404.1	391.1	379.7	368.6	357.0
47.5°	492.4	482.6	471.7	461.7	450.0	436.9	423.6	410.5	398.0	385.1	373.3
45°	529.1	515.8	501.5	488.0	472.8	458.6	443.2	429.6	416.1	402.2	387.7
42.5°	575.6	555.5	536.8	518.4	499.6	482.4	464.9	449.0	433.9	419.0	403.4
40°	632.6	605.5	580.9	553.8	530.7	508.3	488.3	468.3	451.6	435.3	418.1
37.5°	702.6	667.3	633.6	598.5	567.6	538.1	513.2	490.2	468.4	450.7	432.5
35°	792.4	744.0	695.8	652.1	610.3	574.0	540.7	513.2	488.3	465.4	446.3
32.5°	913.5	845.1	771.9	715.8	660.7	613.1	573.2	538.1	508.3	482.4	459.5
30°	1091.7	979.6	878.9	789.7	720.3	658.8	606.7	566.2	530.7	499.6	472.8
27.5°	1347.2	1154.2	1018.2	886.9	785.5	711.1	648.2	595.0	553.3	518.4	487.7
25°	1709.3	1416.5	1180.4	1009.0	871.0	765.3	691.4	629.7	578.6	536.6	499.7
22.5°	2205.6	1762.3	1399.8	1140.0	969.7	838.2	738.3	664.0	601.7	552.5	512.3
20°	2935.8	2174.7	1683.8	1327.3	1080.5	908.0	787.2	699.7	627.8	569.1	523.4
17.5°	3802.3	2746.5	1994.6	1518.7	1210.1	997.6	843.8	732.6	651.5	583.5	532.4
15°	4725.9	3394.4	2428.8	1774.3	1342.6	1074.4	891.0	761.7	674.0	599.4	543.6
12.5°	5905.4	4093.0	2809.6	1987.7	1472.8	1158.0	945.8	798.7	696.2	616.5	555.3
10°	7021.2	4821.6	3273.2	2268.7	1631.4	1240.0	994.5	827.1	713.3	630.1	564.7
7.5°	8075.4	5522.1	3674.0	2482.6	1753.8	1305.2	1030.5	847.6	725.5	639.7	572.0
5°	8848.0	6043.4	3987.6	2647.6	1840.4	1352.5	1053.9	860.4	732.8	645.2	576.9
2.5°	9435.8	6388.8	4178.4	2744.4	1889.8	1380.4	1067.9	870.1	739.8	649.8	582.3
0°	9705.7	6522.2	4242.1	2795.8	1919.4	1388.2	1074.1	876.3	744.5	651.4	585.5
-2.5°	9435.8	6388.8	4178.4	2744.4	1889.8	1380.4	1067.9	870.1	739.8	649.8	582.3
-5°	8848.0	6043.4	3987.6	2647.6	1840.4	1352.5	1053.9	860.4	732.8	645.2	576.9
-7.5°	8075.4	5522.1	3674.0	2482.6	1753.8	1305.2	1030.5	847.6	725.5	639.7	572.0
-10°	7021.2	4821.6	3273.2	2268.7	1631.4	1240.0	994.5	827.1	713.3	630.1	564.7
-12.5°	5905.4	4093.0	2809.6	1987.7	1472.8	1158.0	945.8	798.7	696.2	616.5	555.3
-15°	4725.9	3394.4	2428.8	1774.3	1342.6	1074.4	891.0	761.7	674.0	599.4	543.6
-17.5°	3802.3	2746.5	1994.6	1518.7	1210.1	997.6	843.8	732.6	651.5	583.5	532.4
-20°	2935.8	2174.7	1683.8	1327.3	1080.5	908.0	787.2	699.7	627.8	569.1	523.4



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2205.6	1762.3	1399.8	1140.0	969.7	838.2	738.3	664.0	601.7	552.5	512.3
-25°	1709.3	1416.5	1180.4	1009.0	871.0	765.3	691.4	629.7	578.6	536.6	499.7
-27.5°	1347.2	1154.2	1018.2	886.9	785.5	711.1	648.2	595.0	553.3	518.4	487.7
-30°	1091.7	979.6	878.9	789.7	720.3	658.8	606.7	566.2	530.7	499.6	472.8
-32.5°	913.5	845.1	771.9	715.8	660.7	613.1	573.2	538.1	508.3	482.4	459.5
-35°	792.4	744.0	695.8	652.1	610.3	574.0	540.7	513.2	488.3	465.4	446.3
-37.5°	702.6	667.3	633.6	598.5	567.6	538.1	513.2	490.2	468.4	450.7	432.5
-40°	632.6	605.5	580.9	553.8	530.7	508.3	488.3	468.3	451.6	435.3	418.1
-42.5°	575.6	555.5	536.8	518.4	499.6	482.4	464.9	449.0	433.9	419.0	403.4
-45°	529.1	515.8	501.5	488.0	472.8	458.6	443.2	429.6	416.1	402.2	387.7
-47.5°	492.4	482.6	471.7	461.7	450.0	436.9	423.6	410.5	398.0	385.1	373.3
-50°	461.8	455.0	447.5	439.1	428.5	416.6	404.1	391.1	379.7	368.6	357.0
-52.5°	437.1	431.6	424.9	416.8	407.1	396.0	384.4	372.2	361.1	350.4	338.1
-55°	415.6	410.1	403.1	394.9	385.7	376.2	365.5	353.4	341.5	331.0	317.3
-57.5°	393.4	388.3	380.5	373.2	366.5	356.2	344.6	333.3	322.1	310.7	295.8
-60°	365.4	361.0	354.4	347.7	340.8	332.1	320.7	310.6	302.0	285.5	268.1
-62.5°	332.9	329.2	323.5	316.6	309.4	301.6	292.7	281.7	268.9	254.3	239.8
-65°	296.3	291.1	286.0	281.2	275.8	269.6	260.1	248.9	237.0	224.5	211.3
-67.5°	259.6	254.9	250.9	247.0	242.0	235.6	226.4	216.3	205.2	192.7	181.0
-70°	225.3	221.8	218.0	213.4	207.9	201.7	193.6	183.7	172.6	161.7	153.5
-72.5°	192.6	189.7	186.0	181.3	175.9	169.4	161.2	152.5	144.2	136.2	128.7
-75°	159.9	157.5	154.1	148.6	142.2	134.8	128.2	122.7	116.9	110.9	104.5
-77.5°	126.0	123.8	120.9	115.7	110.4	105.0	99.9	95.5	91.2	86.8	82.1
-80°	90.9	89.5	87.5	84.3	81.0	77.6	74.3	71.1	67.7	64.2	60.4
-82.5°	61.0	59.7	58.2	56.7	55.0	53.1	51.1	48.4	45.4	42.1	38.7
-85°	36.0	35.2	34.4	33.5	32.5	31.5	30.3	28.6	26.8	25.1	23.5
-87.5°	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.9	11.4	11.0
-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: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	10.5	10.0	9.4	8.9	8.3	7.7	7.2	6.5	5.9	5.3	4.7
85°	22.7	21.6	20.3	18.9	17.2	15.5	14.3	13.1	11.9	10.6	9.3
82.5°	36.7	35.3	33.9	32.2	29.7	27.1	24.4	21.7	18.9	16.0	13.9
80°	56.8	53.3	49.9	46.6	42.6	38.6	35.1	31.4	27.7	23.9	20.1
77.5°	77.2	72.1	66.8	61.9	57.0	51.9	46.8	41.5	36.5	31.8	27.0
75°	97.9	91.6	85.3	78.8	72.0	65.2	59.0	52.7	46.2	39.7	33.8
72.5°	120.9	112.9	104.5	96.1	88.2	80.1	71.9	63.7	56.2	48.6	40.8
70°	144.9	135.0	125.1	115.6	105.5	95.0	85.6	76.0	66.2	57.4	48.6
67.5°	170.1	160.0	148.3	135.6	124.3	112.4	99.6	88.3	77.3	66.2	56.2
65°	197.8	185.1	172.9	158.3	143.9	130.1	116.3	101.3	88.3	76.0	63.7
62.5°	224.8	209.5	194.9	179.9	164.2	148.3	132.7	115.9	99.5	85.6	71.9
60°	251.5	234.6	216.4	199.4	183.0	166.3	148.5	130.0	112.1	95.0	80.1
57.5°	276.9	259.1	238.6	218.6	200.2	182.7	163.8	143.7	124.2	105.3	88.2
55°	300.6	280.7	259.4	237.7	217.0	197.8	178.1	156.8	135.9	115.6	95.9
52.5°	322.3	301.6	278.8	255.8	233.2	212.3	191.5	169.5	147.1	125.4	104.2
50°	342.6	322.3	298.1	273.4	248.6	226.6	204.7	181.6	157.8	134.8	112.3
47.5°	360.1	340.9	317.5	290.8	264.4	240.6	217.7	193.5	168.0	143.8	120.2
45°	374.5	358.1	335.6	308.7	280.4	255.2	230.4	205.1	178.5	152.5	127.8
42.5°	387.8	372.5	352.2	326.2	296.9	269.6	242.9	216.4	188.6	160.7	135.0
40°	401.4	385.2	367.7	341.5	312.3	283.4	255.4	227.4	198.4	168.9	141.9
37.5°	414.0	397.2	379.4	355.7	326.2	296.4	267.4	238.0	207.5	177.0	148.4
35°	426.8	408.0	389.7	366.8	338.3	308.2	278.8	248.2	216.2	184.6	154.6
32.5°	439.1	418.1	398.3	375.9	349.4	318.9	289.0	257.1	224.2	191.5	160.3
30°	450.4	427.5	406.6	384.7	358.8	328.2	297.6	265.2	231.7	197.9	165.8
27.5°	459.4	435.3	414.4	392.2	366.2	336.5	305.2	272.5	238.6	203.8	170.9
25°	468.3	442.5	420.7	399.1	373.3	344.9	312.2	278.9	244.7	209.3	175.6
22.5°	478.3	449.2	425.6	405.6	380.5	353.0	318.9	284.5	249.9	214.3	179.7
20°	487.0	455.1	429.3	410.7	386.2	359.1	325.3	289.5	254.4	218.7	183.3
17.5°	494.8	461.3	434.2	413.8	390.7	364.3	331.1	294.0	258.2	222.6	186.4
15°	502.8	467.8	438.5	416.2	394.3	368.6	336.5	297.9	261.3	225.8	189.2
12.5°	509.9	473.0	442.0	418.1	397.1	372.1	341.2	301.1	263.7	228.6	191.7
10°	515.9	477.1	444.6	419.5	399.0	374.8	345.2	304.2	266.3	230.7	193.8
7.5°	520.6	480.0	446.3	420.2	400.4	376.9	348.6	307.7	268.5	232.1	195.5
5°	524.0	482.2	448.9	422.6	402.0	378.6	351.0	310.6	270.1	232.9	196.8
2.5°	526.5	484.1	451.8	424.8	403.0	379.7	352.4	312.8	271.1	233.1	197.5
0°	527.4	484.7	453.7	426.5	403.3	380.0	352.9	314.1	271.4	232.7	197.8
-2.5°	526.5	484.1	451.8	424.8	403.0	379.7	352.4	312.8	271.1	233.1	197.5
-5°	524.0	482.2	448.9	422.6	402.0	378.6	351.0	310.6	270.1	232.9	196.8
-7.5°	520.6	480.0	446.3	420.2	400.4	376.9	348.6	307.7	268.5	232.1	195.5
-10°	515.9	477.1	444.6	419.5	399.0	374.8	345.2	304.2	266.3	230.7	193.8
-12.5°	509.9	473.0	442.0	418.1	397.1	372.1	341.2	301.1	263.7	228.6	191.7
-15°	502.8	467.8	438.5	416.2	394.3	368.6	336.5	297.9	261.3	225.8	189.2
-17.5°	494.8	461.3	434.2	413.8	390.7	364.3	331.1	294.0	258.2	222.6	186.4
-20°	487.0	455.1	429.3	410.7	386.2	359.1	325.3	289.5	254.4	218.7	183.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	478.3	449.2	425.6	405.6	380.5	353.0	318.9	284.5	249.9	214.3	179.7
-25°	468.3	442.5	420.7	399.1	373.3	344.9	312.2	278.9	244.7	209.3	175.6
-27.5°	459.4	435.3	414.4	392.2	366.2	336.5	305.2	272.5	238.6	203.8	170.9
-30°	450.4	427.5	406.6	384.7	358.8	328.2	297.6	265.2	231.7	197.9	165.8
-32.5°	439.1	418.1	398.3	375.9	349.4	318.9	289.0	257.1	224.2	191.5	160.3
-35°	426.8	408.0	389.7	366.8	338.3	308.2	278.8	248.2	216.2	184.6	154.6
-37.5°	414.0	397.2	379.4	355.7	326.2	296.4	267.4	238.0	207.5	177.0	148.4
-40°	401.4	385.2	367.7	341.5	312.3	283.4	255.4	227.4	198.4	168.9	141.9
-42.5°	387.8	372.5	352.2	326.2	296.9	269.6	242.9	216.4	188.6	160.7	135.0
-45°	374.5	358.1	335.6	308.7	280.4	255.2	230.4	205.1	178.5	152.5	127.8
-47.5°	360.1	340.9	317.5	290.8	264.4	240.6	217.7	193.5	168.0	143.8	120.2
-50°	342.6	322.3	298.1	273.4	248.6	226.6	204.7	181.6	157.8	134.8	112.3
-52.5°	322.3	301.6	278.8	255.8	233.2	212.3	191.5	169.5	147.1	125.4	104.2
-55°	300.6	280.7	259.4	237.7	217.0	197.8	178.1	156.8	135.9	115.6	95.9
-57.5°	276.9	259.1	238.6	218.6	200.2	182.7	163.8	143.7	124.2	105.3	88.2
-60°	251.5	234.6	216.4	199.4	183.0	166.3	148.5	130.0	112.1	95.0	80.1
-62.5°	224.8	209.5	194.9	179.9	164.2	148.3	132.7	115.9	99.5	85.6	71.9
-65°	197.8	185.1	172.9	158.3	143.9	130.1	116.3	101.3	88.3	76.0	63.7
-67.5°	170.1	160.0	148.3	135.6	124.3	112.4	99.6	88.3	77.3	66.2	56.2
-70°	144.9	135.0	125.1	115.6	105.5	95.0	85.6	76.0	66.2	57.4	48.6
-72.5°	120.9	112.9	104.5	96.1	88.2	80.1	71.9	63.7	56.2	48.6	40.8
-75°	97.9	91.6	85.3	78.8	72.0	65.2	59.0	52.7	46.2	39.7	33.8
-77.5°	77.2	72.1	66.8	61.9	57.0	51.9	46.8	41.5	36.5	31.8	27.0
-80°	56.8	53.3	49.9	46.6	42.6	38.6	35.1	31.4	27.7	23.9	20.1
-82.5°	36.7	35.3	33.9	32.2	29.7	27.1	24.4	21.7	18.9	16.0	13.9
-85°	22.7	21.6	20.3	18.9	17.2	15.5	14.3	13.1	11.9	10.6	9.3
-87.5°	10.5	10.0	9.4	8.9	8.3	7.7	7.2	6.5	5.9	5.3	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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REPORT NUMBER: P627369 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-NR-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°	4.0	3.4	2.7	2.0	1.4	0.6	0.0
85°	8.0	6.7	5.4	4.0	2.7	1.2	0.0
82.5°	12.0	10.0	8.1	6.1	4.0	1.8	0.0
80°	16.2	13.4	10.7	8.1	5.4	2.3	0.0
77.5°	22.1	17.1	13.4	10.0	6.7	2.9	0.0
75°	27.9	21.8	16.1	12.0	7.9	3.5	0.0
72.5°	33.6	26.4	19.7	13.9	9.2	4.0	0.0
70°	39.3	30.9	23.1	16.0	10.4	4.6	0.0
67.5°	45.8	35.3	26.5	18.4	11.6	5.1	0.0
65°	52.1	40.1	29.8	20.8	12.8	5.6	0.0
62.5°	58.4	45.3	33.1	23.2	13.9	6.2	0.0
60°	64.4	50.3	36.2	25.4	15.0	6.6	0.0
57.5°	71.1	55.3	40.1	27.6	16.4	7.1	0.0
55°	77.8	60.1	43.9	29.7	17.7	7.6	0.0
52.5°	84.2	64.8	47.6	31.8	19.1	8.0	0.0
50°	90.4	70.0	51.2	33.7	20.4	8.4	0.0
47.5°	96.4	75.0	54.7	35.8	21.6	8.8	0.0
45°	102.9	79.7	58.0	38.2	22.9	9.2	0.0
42.5°	109.1	84.3	61.1	40.6	24.0	9.5	0.0
40°	115.0	88.6	64.4	42.9	25.2	9.8	0.0
37.5°	120.5	92.7	67.6	45.1	26.2	10.1	0.0
35°	125.8	96.9	70.7	47.2	27.3	10.4	0.0
32.5°	130.7	101.0	73.6	49.2	28.2	10.7	0.0
30°	135.3	104.8	76.3	51.1	29.2	10.9	0.0
27.5°	139.6	108.3	78.9	52.8	30.0	11.1	0.0
25°	143.4	111.6	81.3	54.3	30.8	11.3	0.0
22.5°	147.0	114.5	83.5	55.8	31.6	11.4	0.0
20°	150.1	117.0	85.5	57.1	32.2	11.5	0.0
17.5°	152.7	119.1	87.3	58.2	32.8	11.6	0.0
15°	154.8	120.9	88.8	59.2	33.4	11.7	0.0
12.5°	156.5	122.3	90.1	60.1	33.8	11.7	0.0
10°	157.8	123.3	91.2	60.8	34.2	11.8	0.0
7.5°	158.7	124.0	92.0	61.3	34.5	11.8	0.0
5°	159.2	124.3	92.6	61.7	34.7	11.7	0.0
2.5°	159.3	124.4	93.0	61.9	34.9	11.7	0.0
0°	159.0	124.1	93.1	62.0	34.9	11.6	0.0
-2.5°	159.3	124.4	93.0	61.9	34.9	11.7	0.0
-5°	159.2	124.3	92.6	61.7	34.7	11.7	0.0
-7.5°	158.7	124.0	92.0	61.3	34.5	11.8	0.0
-10°	157.8	123.3	91.2	60.8	34.2	11.8	0.0
-12.5°	156.5	122.3	90.1	60.1	33.8	11.7	0.0
-15°	154.8	120.9	88.8	59.2	33.4	11.7	0.0
-17.5°	152.7	119.1	87.3	58.2	32.8	11.6	0.0
-20°	150.1	117.0	85.5	57.1	32.2	11.5	0.0

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CATALOG NUMBER: GFLD-SA4C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	147.0	114.5	83.5	55.8	31.6	11.4	0.0
-25°	143.4	111.6	81.3	54.3	30.8	11.3	0.0
-27.5°	139.6	108.3	78.9	52.8	30.0	11.1	0.0
-30°	135.3	104.8	76.3	51.1	29.2	10.9	0.0
-32.5°	130.7	101.0	73.6	49.2	28.2	10.7	0.0
-35°	125.8	96.9	70.7	47.2	27.3	10.4	0.0
-37.5°	120.5	92.7	67.6	45.1	26.2	10.1	0.0
-40°	115.0	88.6	64.4	42.9	25.2	9.8	0.0
-42.5°	109.1	84.3	61.1	40.6	24.0	9.5	0.0
-45°	102.9	79.7	58.0	38.2	22.9	9.2	0.0
-47.5°	96.4	75.0	54.7	35.8	21.6	8.8	0.0
-50°	90.4	70.0	51.2	33.7	20.4	8.4	0.0
-52.5°	84.2	64.8	47.6	31.8	19.1	8.0	0.0
-55°	77.8	60.1	43.9	29.7	17.7	7.6	0.0
-57.5°	71.1	55.3	40.1	27.6	16.4	7.1	0.0
-60°	64.4	50.3	36.2	25.4	15.0	6.6	0.0
-62.5°	58.4	45.3	33.1	23.2	13.9	6.2	0.0
-65°	52.1	40.1	29.8	20.8	12.8	5.6	0.0
-67.5°	45.8	35.3	26.5	18.4	11.6	5.1	0.0
-70°	39.3	30.9	23.1	16.0	10.4	4.6	0.0
-72.5°	33.6	26.4	19.7	13.9	9.2	4.0	0.0
-75°	27.9	21.8	16.1	12.0	7.9	3.5	0.0
-77.5°	22.1	17.1	13.4	10.0	6.7	2.9	0.0
-80°	16.2	13.4	10.7	8.1	5.4	2.3	0.0
-82.5°	12.0	10.0	8.1	6.1	4.0	1.8	0.0
-85°	8.0	6.7	5.4	4.0	2.7	1.2	0.0
-87.5°	4.0	3.4	2.7	2.0	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)