

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: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
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-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N66  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

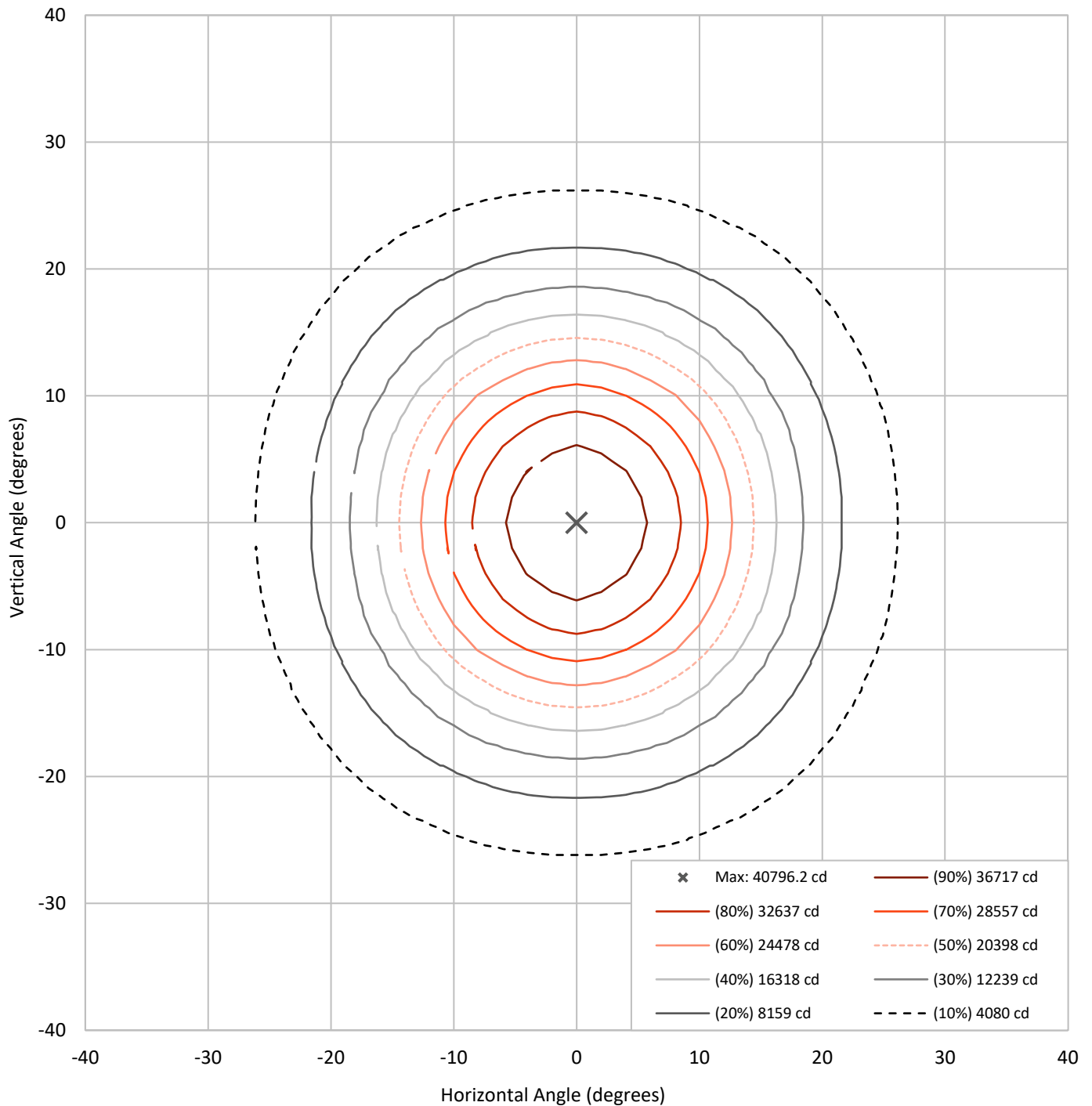
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	12746.2 lumens	Max Intensity:	40796.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	6197 lumens	Field Lumens:	10458 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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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### Iso-Candela Plot





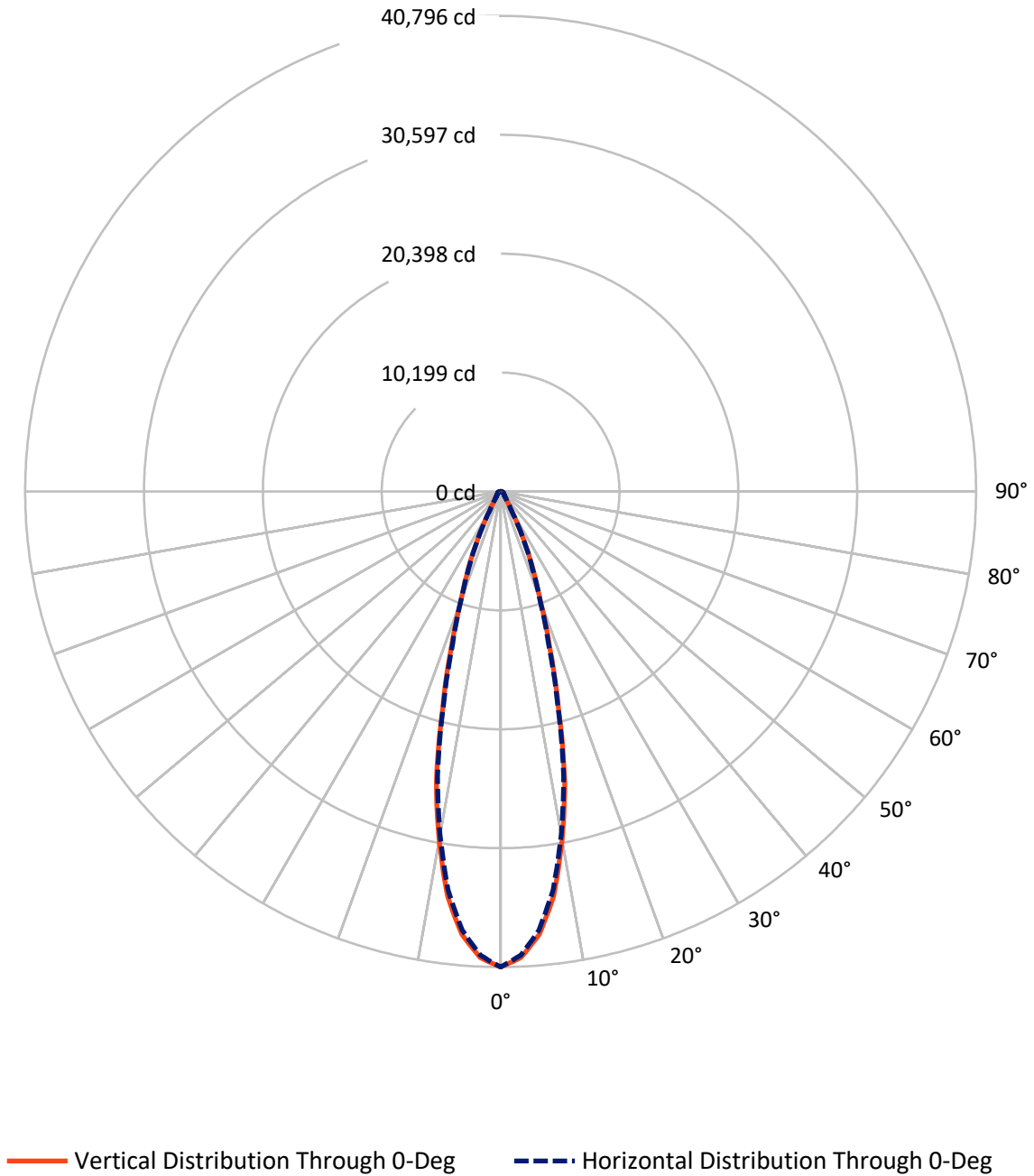
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### Lumen Table

90	0.2	2.1		5.5		8.7		9.7		8.7		5.5		2.1		0.2
80	0.2	2.1		5.5		8.7		9.7		8.7		5.5		2.1		0.2
70	1.0	1.1	2.2	3.6	5.0	6.2	6.9	7.2	7.2	6.9	6.2	5.0	3.6	2.2	1.1	1.0
60		1.6	3.3	5.3	7.1	8.8	9.8	10.2	10.2	9.8	8.8	7.1	5.3	3.3	1.6	
50	1.7	2.1	4.2	6.6	8.7	11.0	13.0	13.9	13.9	13.0	11.0	8.7	6.6	4.2	2.1	1.7
40		2.5	5.0	7.6	10.7	15.3	22.1	28.7	28.7	22.1	15.3	10.7	7.6	5.0	2.5	
30	2.2	2.8	5.4	8.5	13.7	29.8	83.9	148.8	148.8	83.9	29.8	13.7	8.5	5.4	2.8	2.2
20		3.0	5.7	9.3	18.7	78.2	278.8	534.3	534.3	278.8	78.2	18.7	9.3	5.7	3.0	
10	2.3	3.1	5.8	9.8	23.7	135.0	516.1	1015.1	1015.1	516.1	135.0	23.7	9.8	5.8	3.1	2.3
0		3.1	5.8	9.8	23.7	135.0	516.1	1015.1	1015.1	516.1	135.0	23.7	9.8	5.8	3.1	
-10	2.2	3.0	5.7	9.3	18.7	78.2	278.8	534.3	534.3	278.8	78.2	18.7	9.3	5.7	3.0	2.2
-20		2.8	5.4	8.5	13.7	29.8	83.9	148.8	148.8	83.9	29.8	13.7	8.5	5.4	2.8	
-30	1.7	2.5	5.0	7.6	10.7	15.3	22.1	28.7	28.7	22.1	15.3	10.7	7.6	5.0	2.5	1.7
-40		2.1	4.2	6.6	8.7	11.0	13.0	13.9	13.9	13.0	11.0	8.7	6.6	4.2	2.1	
-50	1.0	1.6	3.3	5.3	7.1	8.8	9.8	10.2	10.2	9.8	8.8	7.1	5.3	3.3	1.6	1.0
-60		1.1	2.2	3.6	5.0	6.2	6.9	7.2	7.2	6.9	6.2	5.0	3.6	2.2	1.1	
-70	0.2	2.1		5.5		8.7		9.7		8.7		5.5		2.1		0.2
-80		2.1		5.5		8.7		9.7		8.7		5.5		2.1		
-90	0.2	2.1		5.5		8.7		9.7		8.7		5.5		2.1		0.2

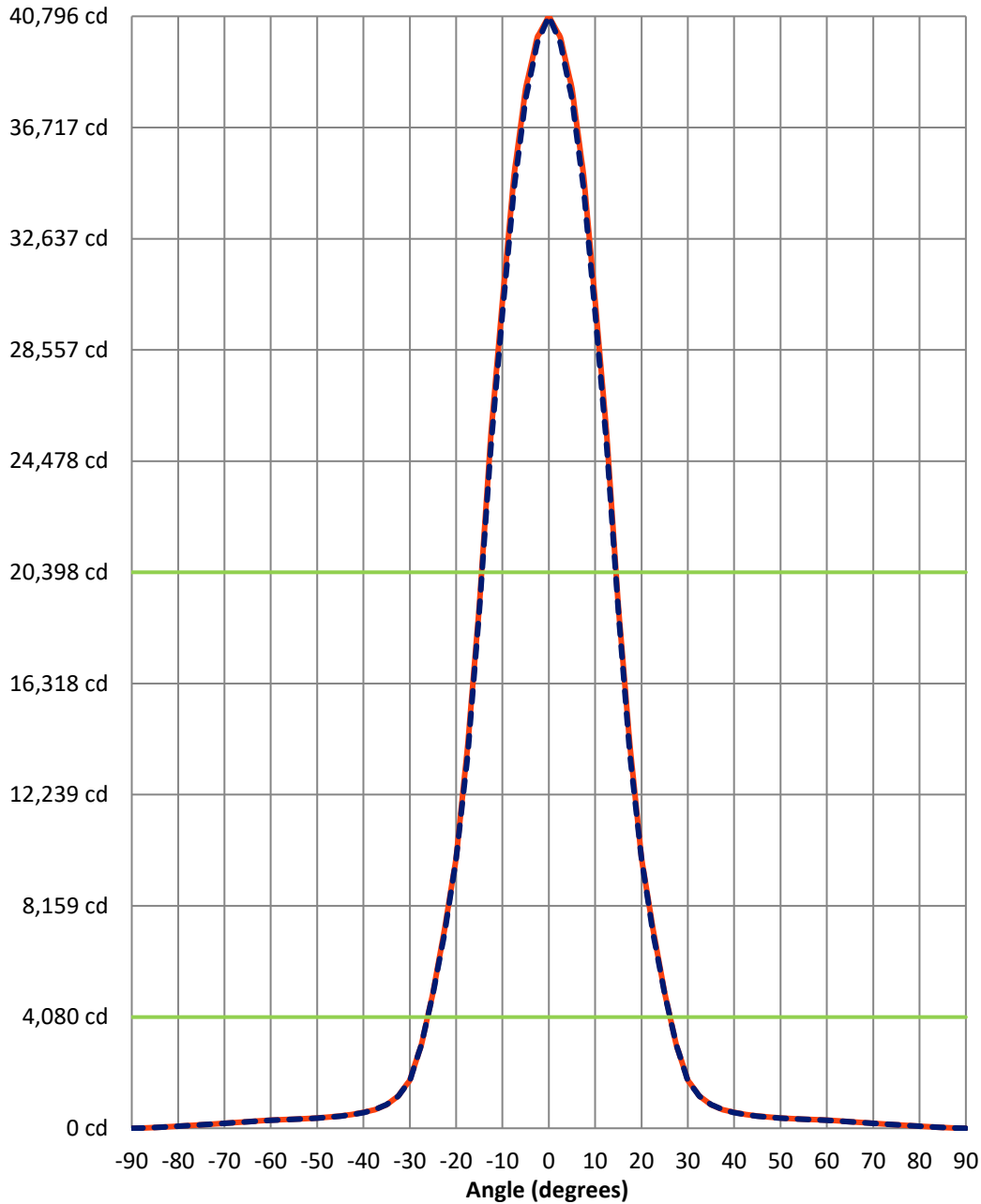
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 6197  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 10458  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2288.1  
 Efficiency: 18.0%

— 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	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	4.4
85°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
82.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	9.4	11.0	13.4	16.0
80°	0.0	1.8	3.6	5.5	7.3	9.0	11.1	14.2	17.6	21.1	24.7
77.5°	0.0	2.3	4.5	6.8	9.0	11.9	15.7	19.8	24.1	28.6	33.6
75°	0.0	2.7	5.4	8.1	11.1	15.7	20.3	25.3	30.7	37.0	43.3
72.5°	0.0	3.2	6.3	9.4	14.1	19.5	24.9	31.0	38.4	45.7	52.9
70°	0.0	3.6	7.2	10.9	17.1	23.3	29.5	37.7	46.0	54.2	63.2
67.5°	0.0	4.0	8.0	13.2	20.1	27.0	35.3	44.3	53.5	63.6	73.5
65°	0.0	4.4	8.9	15.3	23.0	31.1	40.9	50.8	61.7	72.8	83.9
62.5°	0.0	4.8	9.7	17.5	25.9	35.7	46.4	57.6	69.8	81.9	94.6
60°	0.0	5.2	10.5	19.6	28.7	40.2	51.8	64.5	77.6	91.1	105.0
57.5°	0.0	5.6	11.8	21.6	32.1	44.6	57.5	71.2	85.4	100.0	115.3
55°	0.0	6.0	13.2	23.6	35.6	48.9	63.0	77.8	93.0	108.8	125.5
52.5°	0.0	6.4	14.5	25.6	38.9	53.1	68.3	84.1	100.2	117.6	135.3
50°	0.0	6.7	15.7	27.4	42.1	57.3	73.4	90.2	107.3	126.2	144.4
47.5°	0.0	7.1	16.9	29.4	45.2	61.4	78.3	96.1	114.7	134.4	152.9
45°	0.0	7.4	18.1	31.6	48.2	65.2	83.1	101.7	121.7	141.7	161.1
42.5°	0.0	7.7	19.2	33.7	51.0	68.9	87.8	107.4	128.5	148.5	168.5
40°	0.0	8.0	20.2	35.7	53.8	72.3	92.2	112.9	134.6	154.9	175.6
37.5°	0.0	8.3	21.2	37.6	56.4	75.5	96.4	118.1	140.0	161.1	182.3
35°	0.0	8.6	22.2	39.4	58.8	78.7	100.4	122.9	145.2	166.9	188.6
32.5°	0.0	8.9	23.1	41.0	61.1	81.8	104.1	127.4	150.0	172.4	194.6
30°	0.0	9.1	23.9	42.5	63.2	84.7	107.7	131.4	154.4	177.4	200.3
27.5°	0.0	9.3	24.7	43.8	65.1	87.3	110.9	135.0	158.5	182.1	205.5
25°	0.0	9.5	25.4	45.1	66.9	89.7	113.8	138.2	162.3	186.3	210.3
22.5°	0.0	9.7	26.0	46.1	68.5	91.9	116.4	141.1	165.7	190.2	215.1
20°	0.0	9.9	26.6	47.1	70.0	93.8	118.7	143.7	168.7	193.6	219.4
17.5°	0.0	10.0	27.1	47.9	71.3	95.5	120.8	146.0	171.3	196.5	223.1
15°	0.0	10.1	27.5	48.6	72.5	96.8	122.7	148.1	173.5	199.0	226.2
12.5°	0.0	10.3	27.9	49.1	73.5	97.9	124.4	150.0	175.5	201.1	228.8
10°	0.0	10.3	28.2	49.5	74.4	98.7	125.7	151.6	177.4	203.5	231.2
7.5°	0.0	10.4	28.5	49.8	75.0	99.3	126.8	152.9	178.8	205.7	233.9
5°	0.0	10.5	28.7	49.9	75.5	99.6	127.6	153.8	179.9	207.4	235.9
2.5°	0.0	10.5	28.8	49.9	75.8	99.7	128.1	154.3	180.5	208.7	237.4
0°	0.0	10.5	28.8	49.8	75.9	99.5	128.3	154.5	180.7	209.5	238.3
-2.5°	0.0	10.5	28.8	49.9	75.8	99.7	128.1	154.3	180.5	208.7	237.4
-5°	0.0	10.5	28.7	49.9	75.5	99.6	127.6	153.8	179.9	207.4	235.9
-7.5°	0.0	10.4	28.5	49.8	75.0	99.3	126.8	152.9	178.8	205.7	233.9
-10°	0.0	10.3	28.2	49.5	74.4	98.7	125.7	151.6	177.4	203.5	231.2
-12.5°	0.0	10.3	27.9	49.1	73.5	97.9	124.4	150.0	175.5	201.1	228.8
-15°	0.0	10.1	27.5	48.6	72.5	96.8	122.7	148.1	173.5	199.0	226.2
-17.5°	0.0	10.0	27.1	47.9	71.3	95.5	120.8	146.0	171.3	196.5	223.1
-20°	0.0	9.9	26.6	47.1	70.0	93.8	118.7	143.7	168.7	193.6	219.4

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.7	26.0	46.1	68.5	91.9	116.4	141.1	165.7	190.2	215.1
-25°	0.0	9.5	25.4	45.1	66.9	89.7	113.8	138.2	162.3	186.3	210.3
-27.5°	0.0	9.3	24.7	43.8	65.1	87.3	110.9	135.0	158.5	182.1	205.5
-30°	0.0	9.1	23.9	42.5	63.2	84.7	107.7	131.4	154.4	177.4	200.3
-32.5°	0.0	8.9	23.1	41.0	61.1	81.8	104.1	127.4	150.0	172.4	194.6
-35°	0.0	8.6	22.2	39.4	58.8	78.7	100.4	122.9	145.2	166.9	188.6
-37.5°	0.0	8.3	21.2	37.6	56.4	75.5	96.4	118.1	140.0	161.1	182.3
-40°	0.0	8.0	20.2	35.7	53.8	72.3	92.2	112.9	134.6	154.9	175.6
-42.5°	0.0	7.7	19.2	33.7	51.0	68.9	87.8	107.4	128.5	148.5	168.5
-45°	0.0	7.4	18.1	31.6	48.2	65.2	83.1	101.7	121.7	141.7	161.1
-47.5°	0.0	7.1	16.9	29.4	45.2	61.4	78.3	96.1	114.7	134.4	152.9
-50°	0.0	6.7	15.7	27.4	42.1	57.3	73.4	90.2	107.3	126.2	144.4
-52.5°	0.0	6.4	14.5	25.6	38.9	53.1	68.3	84.1	100.2	117.6	135.3
-55°	0.0	6.0	13.2	23.6	35.6	48.9	63.0	77.8	93.0	108.8	125.5
-57.5°	0.0	5.6	11.8	21.6	32.1	44.6	57.5	71.2	85.4	100.0	115.3
-60°	0.0	5.2	10.5	19.6	28.7	40.2	51.8	64.5	77.6	91.1	105.0
-62.5°	0.0	4.8	9.7	17.5	25.9	35.7	46.4	57.6	69.8	81.9	94.6
-65°	0.0	4.4	8.9	15.3	23.0	31.1	40.9	50.8	61.7	72.8	83.9
-67.5°	0.0	4.0	8.0	13.2	20.1	27.0	35.3	44.3	53.5	63.6	73.5
-70°	0.0	3.6	7.2	10.9	17.1	23.3	29.5	37.7	46.0	54.2	63.2
-72.5°	0.0	3.2	6.3	9.4	14.1	19.5	24.9	31.0	38.4	45.7	52.9
-75°	0.0	2.7	5.4	8.1	11.1	15.7	20.3	25.3	30.7	37.0	43.3
-77.5°	0.0	2.3	4.5	6.8	9.0	11.9	15.7	19.8	24.1	28.6	33.6
-80°	0.0	1.8	3.6	5.5	7.3	9.0	11.1	14.2	17.6	21.1	24.7
-82.5°	0.0	1.4	2.7	4.1	5.5	6.8	8.1	9.4	11.0	13.4	16.0
-85°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.0	8.9
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.0	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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**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°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
85°	9.7	10.5	12.0	13.6	15.0	16.4	17.8	19.1	20.4	21.6	22.7
82.5°	18.5	20.9	23.2	25.5	27.7	29.8	31.9	33.9	35.8	37.6	39.3
80°	28.0	31.2	34.5	37.4	40.4	43.2	46.0	48.6	51.2	53.9	56.8
77.5°	38.2	42.3	46.0	49.4	53.1	57.6	61.9	66.1	70.0	73.8	77.4
75°	48.7	53.3	58.5	63.5	68.8	74.2	79.4	84.4	89.2	94.2	99.2
72.5°	59.7	66.0	72.2	78.2	84.8	91.3	97.3	102.7	108.9	115.7	121.9
70°	71.4	78.7	86.5	94.2	101.7	108.9	116.3	123.7	131.3	138.6	145.5
67.5°	83.1	92.3	101.3	110.0	118.5	127.2	136.0	145.0	153.6	161.9	170.0
65°	95.6	105.9	115.9	125.7	135.2	145.8	156.2	166.2	177.2	187.3	196.2
62.5°	107.7	119.2	130.3	141.4	152.9	164.7	176.7	189.3	202.4	211.8	219.9
60°	119.4	132.4	144.8	157.4	170.3	183.5	197.4	210.9	222.8	233.1	241.6
57.5°	130.8	145.3	159.1	172.8	186.9	201.9	217.2	231.0	242.1	251.9	261.3
55°	141.9	158.0	172.6	187.2	203.2	220.9	236.5	248.9	260.2	268.4	277.4
52.5°	152.4	169.6	184.9	201.3	219.6	237.9	253.5	265.5	275.0	283.5	292.2
50°	162.4	179.8	196.7	215.4	234.7	253.1	268.8	279.9	289.5	298.3	306.7
47.5°	171.5	189.6	208.7	228.7	248.9	267.0	282.1	293.4	303.3	312.4	321.7
45°	180.1	199.5	219.9	241.7	262.4	280.4	294.1	306.3	315.8	326.0	337.6
42.5°	188.3	209.1	231.2	254.5	275.6	292.0	305.3	316.9	328.0	340.3	353.2
40°	196.4	218.0	241.9	266.4	287.9	302.2	315.5	327.8	340.6	354.5	368.5
37.5°	204.0	227.1	251.9	277.5	297.0	311.8	325.5	339.3	353.6	368.5	386.0
35°	210.9	235.5	261.5	286.2	305.0	321.1	335.8	350.8	366.7	385.0	404.3
32.5°	217.6	243.1	270.4	293.6	312.3	329.5	345.8	362.6	380.9	401.0	423.2
30°	224.2	250.6	278.3	301.2	318.7	336.4	355.5	374.2	394.5	417.0	442.9
27.5°	230.7	257.5	284.8	307.1	324.4	342.4	362.9	385.7	407.9	432.4	462.4
25°	236.5	264.7	291.3	311.8	329.3	348.1	369.5	393.8	419.9	449.1	485.9
22.5°	242.1	271.1	297.4	315.8	333.4	353.2	376.2	401.8	430.2	464.1	509.0
20°	247.3	276.1	301.5	319.5	336.8	357.2	381.9	408.9	441.4	482.4	536.1
17.5°	251.9	280.4	304.3	322.5	340.4	361.3	386.8	414.9	451.4	498.5	562.1
15°	255.8	283.9	306.7	324.8	343.4	365.6	391.8	422.4	462.4	514.3	584.6
12.5°	259.0	286.6	308.8	326.5	345.7	368.7	396.1	429.7	473.4	531.6	614.9
10°	261.5	288.6	310.3	327.6	347.4	370.8	399.4	435.4	482.3	546.0	640.9
7.5°	264.0	290.3	311.5	328.0	348.3	371.9	401.8	439.4	488.8	556.9	661.5
5°	265.7	292.0	312.1	329.0	348.9	372.4	403.4	441.8	492.9	564.0	676.2
2.5°	266.8	293.0	312.2	329.7	349.0	372.6	405.2	443.1	497.4	570.0	684.5
0°	267.1	293.3	311.6	330.0	348.3	371.9	405.9	442.6	500.2	573.5	686.1
-2.5°	266.8	293.0	312.2	329.7	349.0	372.6	405.2	443.1	497.4	570.0	684.5
-5°	265.7	292.0	312.1	329.0	348.9	372.4	403.4	441.8	492.9	564.0	676.2
-7.5°	264.0	290.3	311.5	328.0	348.3	371.9	401.8	439.4	488.8	556.9	661.5
-10°	261.5	288.6	310.3	327.6	347.4	370.8	399.4	435.4	482.3	546.0	640.9
-12.5°	259.0	286.6	308.8	326.5	345.7	368.7	396.1	429.7	473.4	531.6	614.9
-15°	255.8	283.9	306.7	324.8	343.4	365.6	391.8	422.4	462.4	514.3	584.6
-17.5°	251.9	280.4	304.3	322.5	340.4	361.3	386.8	414.9	451.4	498.5	562.1
-20°	247.3	276.1	301.5	319.5	336.8	357.2	381.9	408.9	441.4	482.4	536.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	242.1	271.1	297.4	315.8	333.4	353.2	376.2	401.8	430.2	464.1	509.0
-25°	236.5	264.7	291.3	311.8	329.3	348.1	369.5	393.8	419.9	449.1	485.9
-27.5°	230.7	257.5	284.8	307.1	324.4	342.4	362.9	385.7	407.9	432.4	462.4
-30°	224.2	250.6	278.3	301.2	318.7	336.4	355.5	374.2	394.5	417.0	442.9
-32.5°	217.6	243.1	270.4	293.6	312.3	329.5	345.8	362.6	380.9	401.0	423.2
-35°	210.9	235.5	261.5	286.2	305.0	321.1	335.8	350.8	366.7	385.0	404.3
-37.5°	204.0	227.1	251.9	277.5	297.0	311.8	325.5	339.3	353.6	368.5	386.0
-40°	196.4	218.0	241.9	266.4	287.9	302.2	315.5	327.8	340.6	354.5	368.5
-42.5°	188.3	209.1	231.2	254.5	275.6	292.0	305.3	316.9	328.0	340.3	353.2
-45°	180.1	199.5	219.9	241.7	262.4	280.4	294.1	306.3	315.8	326.0	337.6
-47.5°	171.5	189.6	208.7	228.7	248.9	267.0	282.1	293.4	303.3	312.4	321.7
-50°	162.4	179.8	196.7	215.4	234.7	253.1	268.8	279.9	289.5	298.3	306.7
-52.5°	152.4	169.6	184.9	201.3	219.6	237.9	253.5	265.5	275.0	283.5	292.2
-55°	141.9	158.0	172.6	187.2	203.2	220.9	236.5	248.9	260.2	268.4	277.4
-57.5°	130.8	145.3	159.1	172.8	186.9	201.9	217.2	231.0	242.1	251.9	261.3
-60°	119.4	132.4	144.8	157.4	170.3	183.5	197.4	210.9	222.8	233.1	241.6
-62.5°	107.7	119.2	130.3	141.4	152.9	164.7	176.7	189.3	202.4	211.8	219.9
-65°	95.6	105.9	115.9	125.7	135.2	145.8	156.2	166.2	177.2	187.3	196.2
-67.5°	83.1	92.3	101.3	110.0	118.5	127.2	136.0	145.0	153.6	161.9	170.0
-70°	71.4	78.7	86.5	94.2	101.7	108.9	116.3	123.7	131.3	138.6	145.5
-72.5°	59.7	66.0	72.2	78.2	84.8	91.3	97.3	102.7	108.9	115.7	121.9
-75°	48.7	53.3	58.5	63.5	68.8	74.2	79.4	84.4	89.2	94.2	99.2
-77.5°	38.2	42.3	46.0	49.4	53.1	57.6	61.9	66.1	70.0	73.8	77.4
-80°	28.0	31.2	34.5	37.4	40.4	43.2	46.0	48.6	51.2	53.9	56.8
-82.5°	18.5	20.9	23.2	25.5	27.7	29.8	31.9	33.9	35.8	37.6	39.3
-85°	9.7	10.5	12.0	13.6	15.0	16.4	17.8	19.1	20.4	21.6	22.7
-87.5°	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.7	8.0	8.3
-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: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MR-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°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	10.3	10.3
85°	23.8	24.8	25.8	26.7	27.5	27.7	27.7	27.7	27.6	27.9	28.2
82.5°	41.0	42.8	44.7	46.5	48.3	49.0	49.4	49.8	50.0	50.7	51.3
80°	59.5	62.4	65.1	67.5	69.6	71.2	72.6	73.8	75.0	75.5	75.8
77.5°	81.0	84.6	87.9	90.9	93.7	95.9	97.7	99.2	100.3	101.0	101.4
75°	104.2	108.6	112.6	116.3	119.7	122.0	123.7	124.9	125.7	126.6	127.2
72.5°	127.6	132.6	137.4	141.8	145.7	148.4	150.3	151.8	153.0	153.9	154.3
70°	152.2	158.2	163.4	167.9	171.4	174.0	176.0	177.7	179.0	179.8	180.3
67.5°	177.6	184.1	189.0	192.8	196.0	198.8	201.3	203.2	204.5	205.7	207.1
65°	203.5	210.1	215.1	219.2	222.6	226.2	229.5	231.9	233.5	235.0	236.5
62.5°	227.9	235.4	241.2	246.6	252.0	257.2	260.2	262.5	264.1	265.6	267.3
60°	250.1	258.5	265.6	272.1	278.8	285.5	288.3	290.5	292.5	294.5	296.2
57.5°	269.8	278.8	287.4	293.8	300.2	306.5	310.8	313.2	314.8	315.7	316.4
55°	286.9	295.9	304.5	311.9	318.9	325.3	330.1	332.4	334.1	335.2	335.9
52.5°	302.3	311.9	321.0	329.3	336.8	343.7	349.7	352.9	355.5	357.3	357.9
50°	317.3	327.7	337.7	346.5	355.2	363.5	371.2	375.6	378.7	380.6	381.2
47.5°	333.1	344.4	355.1	365.4	375.3	385.1	394.2	400.2	404.7	407.9	410.3
45°	349.5	361.6	373.5	385.6	396.9	409.6	421.1	429.9	436.4	442.0	446.5
42.5°	365.9	379.6	393.2	408.8	424.3	438.8	452.4	464.0	474.7	485.1	493.3
40°	383.9	398.8	417.5	436.0	455.1	471.9	491.7	509.6	525.9	543.6	558.2
37.5°	403.5	422.7	444.8	466.9	491.8	515.9	543.7	571.1	594.9	625.8	650.7
35°	424.9	449.2	475.3	504.9	537.0	574.9	613.8	659.4	698.1	747.3	792.7
32.5°	448.6	477.2	511.0	551.8	595.2	655.9	712.9	790.3	856.5	941.8	1035.1
30°	472.8	509.8	555.8	608.5	681.7	768.0	868.6	999.4	1140.9	1287.3	1484.4
27.5°	501.4	549.5	607.0	688.3	797.8	917.2	1122.1	1343.3	1651.5	1895.6	2330.1
25°	532.3	591.8	676.6	794.6	945.9	1187.6	1533.4	1933.9	2550.6	3099.1	3729.6
22.5°	568.9	649.7	762.0	916.5	1180.3	1596.0	2135.9	2958.2	3872.5	4774.8	5599.5
20°	607.6	705.1	862.2	1113.9	1521.6	2122.8	3085.9	4261.0	5474.8	6711.3	7753.4
17.5°	652.8	785.3	992.2	1326.4	1908.2	2937.4	4223.8	5718.1	7303.7	8881.6	10252.2
15°	691.7	855.3	1134.0	1634.5	2502.1	3789.5	5370.6	7257.8	9251.7	11299.5	13518.9
12.5°	741.3	939.8	1280.0	1889.3	3029.1	4702.3	6636.9	8828.0	11262.9	13981.8	17441.9
10°	786.8	1028.3	1472.1	2297.5	3662.5	5555.0	7730.8	10216.7	13374.9	17460.8	21634.5
7.5°	823.2	1098.5	1621.1	2616.0	4193.7	6283.5	8715.7	11696.1	15636.3	20501.7	25270.4
5°	848.6	1147.2	1727.7	2856.6	4621.0	6840.2	9414.7	12786.8	17542.5	22990.8	27860.0
2.5°	864.5	1173.8	1779.9	2999.5	4899.7	7175.3	9850.8	13479.9	18710.7	24575.3	29505.2
0°	872.0	1178.4	1746.7	3069.1	4938.8	7151.6	9890.7	13711.3	18988.0	25005.6	29915.6
-2.5°	864.5	1173.8	1779.9	2999.5	4899.7	7175.3	9850.8	13479.9	18710.7	24575.3	29505.2
-5°	848.6	1147.2	1727.7	2856.6	4621.0	6840.2	9414.7	12786.8	17542.5	22990.8	27860.0
-7.5°	823.2	1098.5	1621.1	2616.0	4193.7	6283.5	8715.7	11696.1	15636.3	20501.7	25270.4
-10°	786.8	1028.3	1472.1	2297.5	3662.5	5555.0	7730.8	10216.7	13374.9	17460.8	21634.5
-12.5°	741.3	939.8	1280.0	1889.3	3029.1	4702.3	6636.9	8828.0	11262.9	13981.8	17441.9
-15°	691.7	855.3	1134.0	1634.5	2502.1	3789.5	5370.6	7257.8	9251.7	11299.5	13518.9
-17.5°	652.8	785.3	992.2	1326.4	1908.2	2937.4	4223.8	5718.1	7303.7	8881.6	10252.2
-20°	607.6	705.1	862.2	1113.9	1521.6	2122.8	3085.9	4261.0	5474.8	6711.3	7753.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	568.9	649.7	762.0	916.5	1180.3	1596.0	2135.9	2958.2	3872.5	4774.8	5599.5
-25°	532.3	591.8	676.6	794.6	945.9	1187.6	1533.4	1933.9	2550.6	3099.1	3729.6
-27.5°	501.4	549.5	607.0	688.3	797.8	917.2	1122.1	1343.3	1651.5	1895.6	2330.1
-30°	472.8	509.8	555.8	608.5	681.7	768.0	868.6	999.4	1140.9	1287.3	1484.4
-32.5°	448.6	477.2	511.0	551.8	595.2	655.9	712.9	790.3	856.5	941.8	1035.1
-35°	424.9	449.2	475.3	504.9	537.0	574.9	613.8	659.4	698.1	747.3	792.7
-37.5°	403.5	422.7	444.8	466.9	491.8	515.9	543.7	571.1	594.9	625.8	650.7
-40°	383.9	398.8	417.5	436.0	455.1	471.9	491.7	509.6	525.9	543.6	558.2
-42.5°	365.9	379.6	393.2	408.8	424.3	438.8	452.4	464.0	474.7	485.1	493.3
-45°	349.5	361.6	373.5	385.6	396.9	409.6	421.1	429.9	436.4	442.0	446.5
-47.5°	333.1	344.4	355.1	365.4	375.3	385.1	394.2	400.2	404.7	407.9	410.3
-50°	317.3	327.7	337.7	346.5	355.2	363.5	371.2	375.6	378.7	380.6	381.2
-52.5°	302.3	311.9	321.0	329.3	336.8	343.7	349.7	352.9	355.5	357.3	357.9
-55°	286.9	295.9	304.5	311.9	318.9	325.3	330.1	332.4	334.1	335.2	335.9
-57.5°	269.8	278.8	287.4	293.8	300.2	306.5	310.8	313.2	314.8	315.7	316.4
-60°	250.1	258.5	265.6	272.1	278.8	285.5	288.3	290.5	292.5	294.5	296.2
-62.5°	227.9	235.4	241.2	246.6	252.0	257.2	260.2	262.5	264.1	265.6	267.3
-65°	203.5	210.1	215.1	219.2	222.6	226.2	229.5	231.9	233.5	235.0	236.5
-67.5°	177.6	184.1	189.0	192.8	196.0	198.8	201.3	203.2	204.5	205.7	207.1
-70°	152.2	158.2	163.4	167.9	171.4	174.0	176.0	177.7	179.0	179.8	180.3
-72.5°	127.6	132.6	137.4	141.8	145.7	148.4	150.3	151.8	153.0	153.9	154.3
-75°	104.2	108.6	112.6	116.3	119.7	122.0	123.7	124.9	125.7	126.6	127.2
-77.5°	81.0	84.6	87.9	90.9	93.7	95.9	97.7	99.2	100.3	101.0	101.4
-80°	59.5	62.4	65.1	67.5	69.6	71.2	72.6	73.8	75.0	75.5	75.8
-82.5°	41.0	42.8	44.7	46.5	48.3	49.0	49.4	49.8	50.0	50.7	51.3
-85°	23.8	24.8	25.8	26.7	27.5	27.7	27.7	27.7	27.6	27.9	28.2
-87.5°	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.0	10.1	10.3	10.3
-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: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MR-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°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.3	10.3	10.1	10.0
85°	28.5	28.7	28.8	28.8	28.8	28.7	28.5	28.2	27.9	27.6	27.7
82.5°	51.8	52.1	52.3	52.4	52.3	52.1	51.8	51.3	50.7	50.0	49.8
80°	75.8	75.6	75.8	75.9	75.8	75.6	75.8	75.8	75.5	75.0	73.8
77.5°	101.7	101.6	102.0	102.1	102.0	101.6	101.7	101.4	101.0	100.3	99.2
75°	127.6	127.7	128.1	128.3	128.1	127.7	127.6	127.2	126.6	125.7	124.9
72.5°	154.3	153.9	154.3	154.5	154.3	153.9	154.3	154.3	153.9	153.0	151.8
70°	180.4	180.0	181.7	183.3	181.7	180.0	180.4	180.3	179.8	179.0	177.7
67.5°	208.0	208.6	210.4	212.1	210.4	208.6	208.0	207.1	205.7	204.5	203.2
65°	237.3	237.4	239.2	240.9	239.2	237.4	237.3	236.5	235.0	233.5	231.9
62.5°	268.3	268.6	270.5	272.3	270.5	268.6	268.3	267.3	265.6	264.1	262.5
60°	297.2	297.5	298.2	298.5	298.2	297.5	297.2	296.2	294.5	292.5	290.5
57.5°	316.6	316.4	316.6	316.9	316.6	316.4	316.6	316.4	315.7	314.8	313.2
55°	335.8	334.9	333.9	332.6	333.9	334.9	335.8	335.9	335.2	334.1	332.4
52.5°	357.4	356.0	354.8	353.5	354.8	356.0	357.4	357.9	357.3	355.5	352.9
50°	380.8	379.6	378.4	377.1	378.4	379.6	380.8	381.2	380.6	378.7	375.6
47.5°	411.9	412.4	412.2	411.1	412.2	412.4	411.9	410.3	407.9	404.7	400.2
45°	449.7	451.2	451.4	450.4	451.4	451.2	449.7	446.5	442.0	436.4	429.9
42.5°	499.0	502.3	504.1	505.4	504.1	502.3	499.0	493.3	485.1	474.7	464.0
40°	568.9	575.6	579.9	584.0	579.9	575.6	568.9	558.2	543.6	525.9	509.6
37.5°	669.1	681.3	686.8	683.5	686.8	681.3	669.1	650.7	625.8	594.9	571.1
35°	827.7	851.0	863.2	864.2	863.2	851.0	827.7	792.7	747.3	698.1	659.4
32.5°	1104.0	1151.7	1177.4	1181.0	1177.4	1151.7	1104.0	1035.1	941.8	856.5	790.3
30°	1635.2	1732.7	1778.4	1767.6	1778.4	1732.7	1635.2	1484.4	1287.3	1140.9	999.4
27.5°	2667.9	2911.0	3055.0	3066.5	3055.0	2911.0	2667.9	2330.1	1895.6	1651.5	1343.3
25°	4287.9	4702.9	4968.6	4972.8	4968.6	4702.9	4287.9	3729.6	3099.1	2550.6	1933.9
22.5°	6362.1	6928.5	7238.8	7293.0	7238.8	6928.5	6362.1	5599.5	4774.8	3872.5	2958.2
20°	8765.1	9518.5	9921.7	9922.1	9921.7	9518.5	8765.1	7753.4	6711.3	5474.8	4261.0
17.5°	11724.5	12947.9	13715.9	14046.5	13715.9	12947.9	11724.5	10252.2	8881.6	7303.7	5718.1
15°	15656.0	17712.0	18944.0	19166.0	18944.0	17712.0	15656.0	13518.9	11299.5	9251.7	7257.8
12.5°	20443.2	23045.1	24794.1	25435.1	24794.1	23045.1	20443.2	17441.9	13981.8	11262.9	8828.0
10°	25441.4	27852.2	29725.9	30355.6	29725.9	27852.2	25441.4	21634.5	17460.8	13374.9	10216.7
7.5°	29052.2	31927.0	34037.6	34964.4	34037.6	31927.0	29052.2	25270.4	20501.7	15636.3	11696.1
5°	31902.6	35304.2	37268.9	38140.9	37268.9	35304.2	31902.6	27860.0	22990.8	17542.5	12786.8
2.5°	33772.8	37133.8	39214.4	40018.5	39214.4	37133.8	33772.8	29505.2	24575.3	18710.7	13479.9
0°	34472.1	37758.6	39814.2	40796.2	39814.2	37758.6	34472.1	29915.6	25005.6	18988.0	13711.3
-2.5°	33772.8	37133.8	39214.4	40018.5	39214.4	37133.8	33772.8	29505.2	24575.3	18710.7	13479.9
-5°	31902.6	35304.2	37268.9	38140.9	37268.9	35304.2	31902.6	27860.0	22990.8	17542.5	12786.8
-7.5°	29052.2	31927.0	34037.6	34964.4	34037.6	31927.0	29052.2	25270.4	20501.7	15636.3	11696.1
-10°	25441.4	27852.2	29725.9	30355.6	29725.9	27852.2	25441.4	21634.5	17460.8	13374.9	10216.7
-12.5°	20443.2	23045.1	24794.1	25435.1	24794.1	23045.1	20443.2	17441.9	13981.8	11262.9	8828.0
-15°	15656.0	17712.0	18944.0	19166.0	18944.0	17712.0	15656.0	13518.9	11299.5	9251.7	7257.8
-17.5°	11724.5	12947.9	13715.9	14046.5	13715.9	12947.9	11724.5	10252.2	8881.6	7303.7	5718.1
-20°	8765.1	9518.5	9921.7	9922.1	9921.7	9518.5	8765.1	7753.4	6711.3	5474.8	4261.0



REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6362.1	6928.5	7238.8	7293.0	7238.8	6928.5	6362.1	5599.5	4774.8	3872.5	2958.2
-25°	4287.9	4702.9	4968.6	4972.8	4968.6	4702.9	4287.9	3729.6	3099.1	2550.6	1933.9
-27.5°	2667.9	2911.0	3055.0	3066.5	3055.0	2911.0	2667.9	2330.1	1895.6	1651.5	1343.3
-30°	1635.2	1732.7	1778.4	1767.6	1778.4	1732.7	1635.2	1484.4	1287.3	1140.9	999.4
-32.5°	1104.0	1151.7	1177.4	1181.0	1177.4	1151.7	1104.0	1035.1	941.8	856.5	790.3
-35°	827.7	851.0	863.2	864.2	863.2	851.0	827.7	792.7	747.3	698.1	659.4
-37.5°	669.1	681.3	686.8	683.5	686.8	681.3	669.1	650.7	625.8	594.9	571.1
-40°	568.9	575.6	579.9	584.0	579.9	575.6	568.9	558.2	543.6	525.9	509.6
-42.5°	499.0	502.3	504.1	505.4	504.1	502.3	499.0	493.3	485.1	474.7	464.0
-45°	449.7	451.2	451.4	450.4	451.4	451.2	449.7	446.5	442.0	436.4	429.9
-47.5°	411.9	412.4	412.2	411.1	412.2	412.4	411.9	410.3	407.9	404.7	400.2
-50°	380.8	379.6	378.4	377.1	378.4	379.6	380.8	381.2	380.6	378.7	375.6
-52.5°	357.4	356.0	354.8	353.5	354.8	356.0	357.4	357.9	357.3	355.5	352.9
-55°	335.8	334.9	333.9	332.6	333.9	334.9	335.8	335.9	335.2	334.1	332.4
-57.5°	316.6	316.4	316.6	316.9	316.6	316.4	316.6	316.4	315.7	314.8	313.2
-60°	297.2	297.5	298.2	298.5	298.2	297.5	297.2	296.2	294.5	292.5	290.5
-62.5°	268.3	268.6	270.5	272.3	270.5	268.6	268.3	267.3	265.6	264.1	262.5
-65°	237.3	237.4	239.2	240.9	239.2	237.4	237.3	236.5	235.0	233.5	231.9
-67.5°	208.0	208.6	210.4	212.1	210.4	208.6	208.0	207.1	205.7	204.5	203.2
-70°	180.4	180.0	181.7	183.3	181.7	180.0	180.4	180.3	179.8	179.0	177.7
-72.5°	154.3	153.9	154.3	154.5	154.3	153.9	154.3	154.3	153.9	153.0	151.8
-75°	127.6	127.7	128.1	128.3	128.1	127.7	127.6	127.2	126.6	125.7	124.9
-77.5°	101.7	101.6	102.0	102.1	102.0	101.6	101.7	101.4	101.0	100.3	99.2
-80°	75.8	75.6	75.8	75.9	75.8	75.6	75.8	75.8	75.5	75.0	73.8
-82.5°	51.8	52.1	52.3	52.4	52.3	52.1	51.8	51.3	50.7	50.0	49.8
-85°	28.5	28.7	28.8	28.8	28.8	28.7	28.5	28.2	27.9	27.6	27.7
-87.5°	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.3	10.3	10.1	10.0
-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: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MR-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°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
85°	27.7	27.7	27.5	26.7	25.8	24.8	23.8	22.7	21.6	20.4	19.1
82.5°	49.4	49.0	48.3	46.5	44.7	42.8	41.0	39.3	37.6	35.8	33.9
80°	72.6	71.2	69.6	67.5	65.1	62.4	59.5	56.8	53.9	51.2	48.6
77.5°	97.7	95.9	93.7	90.9	87.9	84.6	81.0	77.4	73.8	70.0	66.1
75°	123.7	122.0	119.7	116.3	112.6	108.6	104.2	99.2	94.2	89.2	84.4
72.5°	150.3	148.4	145.7	141.8	137.4	132.6	127.6	121.9	115.7	108.9	102.7
70°	176.0	174.0	171.4	167.9	163.4	158.2	152.2	145.5	138.6	131.3	123.7
67.5°	201.3	198.8	196.0	192.8	189.0	184.1	177.6	170.0	161.9	153.6	145.0
65°	229.5	226.2	222.6	219.2	215.1	210.1	203.5	196.2	187.3	177.2	166.2
62.5°	260.2	257.2	252.0	246.6	241.2	235.4	227.9	219.9	211.8	202.4	189.3
60°	288.3	285.5	278.8	272.1	265.6	258.5	250.1	241.6	233.1	222.8	210.9
57.5°	310.8	306.5	300.2	293.8	287.4	278.8	269.8	261.3	251.9	242.1	231.0
55°	330.1	325.3	318.9	311.9	304.5	295.9	286.9	277.4	268.4	260.2	248.9
52.5°	349.7	343.7	336.8	329.3	321.0	311.9	302.3	292.2	283.5	275.0	265.5
50°	371.2	363.5	355.2	346.5	337.7	327.7	317.3	306.7	298.3	289.5	279.9
47.5°	394.2	385.1	375.3	365.4	355.1	344.4	333.1	321.7	312.4	303.3	293.4
45°	421.1	409.6	396.9	385.6	373.5	361.6	349.5	337.6	326.0	315.8	306.3
42.5°	452.4	438.8	424.3	408.8	393.2	379.6	365.9	353.2	340.3	328.0	316.9
40°	491.7	471.9	455.1	436.0	417.5	398.8	383.9	368.5	354.5	340.6	327.8
37.5°	543.7	515.9	491.8	466.9	444.8	422.7	403.5	386.0	368.5	353.6	339.3
35°	613.8	574.9	537.0	504.9	475.3	449.2	424.9	404.3	385.0	366.7	350.8
32.5°	712.9	655.9	595.2	551.8	511.0	477.2	448.6	423.2	401.0	380.9	362.6
30°	868.6	768.0	681.7	608.5	555.8	509.8	472.8	442.9	417.0	394.5	374.2
27.5°	1122.1	917.2	797.8	688.3	607.0	549.5	501.4	462.4	432.4	407.9	385.7
25°	1533.4	1187.6	945.9	794.6	676.6	591.8	532.3	485.9	449.1	419.9	393.8
22.5°	2135.9	1596.0	1180.3	916.5	762.0	649.7	568.9	509.0	464.1	430.2	401.8
20°	3085.9	2122.8	1521.6	1113.9	862.2	705.1	607.6	536.1	482.4	441.4	408.9
17.5°	4223.8	2937.4	1908.2	1326.4	992.2	785.3	652.8	562.1	498.5	451.4	414.9
15°	5370.6	3789.5	2502.1	1634.5	1134.0	855.3	691.7	584.6	514.3	462.4	422.4
12.5°	6636.9	4702.3	3029.1	1889.3	1280.0	939.8	741.3	614.9	531.6	473.4	429.7
10°	7730.8	5555.0	3662.5	2297.5	1472.1	1028.3	786.8	640.9	546.0	482.3	435.4
7.5°	8715.7	6283.5	4193.7	2616.0	1621.1	1098.5	823.2	661.5	556.9	488.8	439.4
5°	9414.7	6840.2	4621.0	2856.6	1727.7	1147.2	848.6	676.2	564.0	492.9	441.8
2.5°	9850.8	7175.3	4899.7	2999.5	1779.9	1173.8	864.5	684.5	570.0	497.4	443.1
0°	9890.7	7151.6	4938.8	3069.1	1746.7	1178.4	872.0	686.1	573.5	500.2	442.6
-2.5°	9850.8	7175.3	4899.7	2999.5	1779.9	1173.8	864.5	684.5	570.0	497.4	443.1
-5°	9414.7	6840.2	4621.0	2856.6	1727.7	1147.2	848.6	676.2	564.0	492.9	441.8
-7.5°	8715.7	6283.5	4193.7	2616.0	1621.1	1098.5	823.2	661.5	556.9	488.8	439.4
-10°	7730.8	5555.0	3662.5	2297.5	1472.1	1028.3	786.8	640.9	546.0	482.3	435.4
-12.5°	6636.9	4702.3	3029.1	1889.3	1280.0	939.8	741.3	614.9	531.6	473.4	429.7
-15°	5370.6	3789.5	2502.1	1634.5	1134.0	855.3	691.7	584.6	514.3	462.4	422.4
-17.5°	4223.8	2937.4	1908.2	1326.4	992.2	785.3	652.8	562.1	498.5	451.4	414.9
-20°	3085.9	2122.8	1521.6	1113.9	862.2	705.1	607.6	536.1	482.4	441.4	408.9



Classified

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

Scaled Data Report



REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2135.9	1596.0	1180.3	916.5	762.0	649.7	568.9	509.0	464.1	430.2	401.8
-25°	1533.4	1187.6	945.9	794.6	676.6	591.8	532.3	485.9	449.1	419.9	393.8
-27.5°	1122.1	917.2	797.8	688.3	607.0	549.5	501.4	462.4	432.4	407.9	385.7
-30°	868.6	768.0	681.7	608.5	555.8	509.8	472.8	442.9	417.0	394.5	374.2
-32.5°	712.9	655.9	595.2	551.8	511.0	477.2	448.6	423.2	401.0	380.9	362.6
-35°	613.8	574.9	537.0	504.9	475.3	449.2	424.9	404.3	385.0	366.7	350.8
-37.5°	543.7	515.9	491.8	466.9	444.8	422.7	403.5	386.0	368.5	353.6	339.3
-40°	491.7	471.9	455.1	436.0	417.5	398.8	383.9	368.5	354.5	340.6	327.8
-42.5°	452.4	438.8	424.3	408.8	393.2	379.6	365.9	353.2	340.3	328.0	316.9
-45°	421.1	409.6	396.9	385.6	373.5	361.6	349.5	337.6	326.0	315.8	306.3
-47.5°	394.2	385.1	375.3	365.4	355.1	344.4	333.1	321.7	312.4	303.3	293.4
-50°	371.2	363.5	355.2	346.5	337.7	327.7	317.3	306.7	298.3	289.5	279.9
-52.5°	349.7	343.7	336.8	329.3	321.0	311.9	302.3	292.2	283.5	275.0	265.5
-55°	330.1	325.3	318.9	311.9	304.5	295.9	286.9	277.4	268.4	260.2	248.9
-57.5°	310.8	306.5	300.2	293.8	287.4	278.8	269.8	261.3	251.9	242.1	231.0
-60°	288.3	285.5	278.8	272.1	265.6	258.5	250.1	241.6	233.1	222.8	210.9
-62.5°	260.2	257.2	252.0	246.6	241.2	235.4	227.9	219.9	211.8	202.4	189.3
-65°	229.5	226.2	222.6	219.2	215.1	210.1	203.5	196.2	187.3	177.2	166.2
-67.5°	201.3	198.8	196.0	192.8	189.0	184.1	177.6	170.0	161.9	153.6	145.0
-70°	176.0	174.0	171.4	167.9	163.4	158.2	152.2	145.5	138.6	131.3	123.7
-72.5°	150.3	148.4	145.7	141.8	137.4	132.6	127.6	121.9	115.7	108.9	102.7
-75°	123.7	122.0	119.7	116.3	112.6	108.6	104.2	99.2	94.2	89.2	84.4
-77.5°	97.7	95.9	93.7	90.9	87.9	84.6	81.0	77.4	73.8	70.0	66.1
-80°	72.6	71.2	69.6	67.5	65.1	62.4	59.5	56.8	53.9	51.2	48.6
-82.5°	49.4	49.0	48.3	46.5	44.7	42.8	41.0	39.3	37.6	35.8	33.9
-85°	27.7	27.7	27.5	26.7	25.8	24.8	23.8	22.7	21.6	20.4	19.1
-87.5°	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MR-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°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
85°	17.8	16.4	15.0	13.6	12.0	10.5	9.7	8.9	8.0	7.2	6.3
82.5°	31.9	29.8	27.7	25.5	23.2	20.9	18.5	16.0	13.4	11.0	9.4
80°	46.0	43.2	40.4	37.4	34.5	31.2	28.0	24.7	21.1	17.6	14.2
77.5°	61.9	57.6	53.1	49.4	46.0	42.3	38.2	33.6	28.6	24.1	19.8
75°	79.4	74.2	68.8	63.5	58.5	53.3	48.7	43.3	37.0	30.7	25.3
72.5°	97.3	91.3	84.8	78.2	72.2	66.0	59.7	52.9	45.7	38.4	31.0
70°	116.3	108.9	101.7	94.2	86.5	78.7	71.4	63.2	54.2	46.0	37.7
67.5°	136.0	127.2	118.5	110.0	101.3	92.3	83.1	73.5	63.6	53.5	44.3
65°	156.2	145.8	135.2	125.7	115.9	105.9	95.6	83.9	72.8	61.7	50.8
62.5°	176.7	164.7	152.9	141.4	130.3	119.2	107.7	94.6	81.9	69.8	57.6
60°	197.4	183.5	170.3	157.4	144.8	132.4	119.4	105.0	91.1	77.6	64.5
57.5°	217.2	201.9	186.9	172.8	159.1	145.3	130.8	115.3	100.0	85.4	71.2
55°	236.5	220.9	203.2	187.2	172.6	158.0	141.9	125.5	108.8	93.0	77.8
52.5°	253.5	237.9	219.6	201.3	184.9	169.6	152.4	135.3	117.6	100.2	84.1
50°	268.8	253.1	234.7	215.4	196.7	179.8	162.4	144.4	126.2	107.3	90.2
47.5°	282.1	267.0	248.9	228.7	208.7	189.6	171.5	152.9	134.4	114.7	96.1
45°	294.1	280.4	262.4	241.7	219.9	199.5	180.1	161.1	141.7	121.7	101.7
42.5°	305.3	292.0	275.6	254.5	231.2	209.1	188.3	168.5	148.5	128.5	107.4
40°	315.5	302.2	287.9	266.4	241.9	218.0	196.4	175.6	154.9	134.6	112.9
37.5°	325.5	311.8	297.0	277.5	251.9	227.1	204.0	182.3	161.1	140.0	118.1
35°	335.8	321.1	305.0	286.2	261.5	235.5	210.9	188.6	166.9	145.2	122.9
32.5°	345.8	329.5	312.3	293.6	270.4	243.1	217.6	194.6	172.4	150.0	127.4
30°	355.5	336.4	318.7	301.2	278.3	250.6	224.2	200.3	177.4	154.4	131.4
27.5°	362.9	342.4	324.4	307.1	284.8	257.5	230.7	205.5	182.1	158.5	135.0
25°	369.5	348.1	329.3	311.8	291.3	264.7	236.5	210.3	186.3	162.3	138.2
22.5°	376.2	353.2	333.4	315.8	297.4	271.1	242.1	215.1	190.2	165.7	141.1
20°	381.9	357.2	336.8	319.5	301.5	276.1	247.3	219.4	193.6	168.7	143.7
17.5°	386.8	361.3	340.4	322.5	304.3	280.4	251.9	223.1	196.5	171.3	146.0
15°	391.8	365.6	343.4	324.8	306.7	283.9	255.8	226.2	199.0	173.5	148.1
12.5°	396.1	368.7	345.7	326.5	308.8	286.6	259.0	228.8	201.1	175.5	150.0
10°	399.4	370.8	347.4	327.6	310.3	288.6	261.5	231.2	203.5	177.4	151.6
7.5°	401.8	371.9	348.3	328.0	311.5	290.3	264.0	233.9	205.7	178.8	152.9
5°	403.4	372.4	348.9	329.0	312.1	292.0	265.7	235.9	207.4	179.9	153.8
2.5°	405.2	372.6	349.0	329.7	312.2	293.0	266.8	237.4	208.7	180.5	154.3
0°	405.9	371.9	348.3	330.0	311.6	293.3	267.1	238.3	209.5	180.7	154.5
-2.5°	405.2	372.6	349.0	329.7	312.2	293.0	266.8	237.4	208.7	180.5	154.3
-5°	403.4	372.4	348.9	329.0	312.1	292.0	265.7	235.9	207.4	179.9	153.8
-7.5°	401.8	371.9	348.3	328.0	311.5	290.3	264.0	233.9	205.7	178.8	152.9
-10°	399.4	370.8	347.4	327.6	310.3	288.6	261.5	231.2	203.5	177.4	151.6
-12.5°	396.1	368.7	345.7	326.5	308.8	286.6	259.0	228.8	201.1	175.5	150.0
-15°	391.8	365.6	343.4	324.8	306.7	283.9	255.8	226.2	199.0	173.5	148.1
-17.5°	386.8	361.3	340.4	322.5	304.3	280.4	251.9	223.1	196.5	171.3	146.0
-20°	381.9	357.2	336.8	319.5	301.5	276.1	247.3	219.4	193.6	168.7	143.7

Classified

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Scaled Data Report



REPORT NUMBER: P627085 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	376.2	353.2	333.4	315.8	297.4	271.1	242.1	215.1	190.2	165.7	141.1
-25°	369.5	348.1	329.3	311.8	291.3	264.7	236.5	210.3	186.3	162.3	138.2
-27.5°	362.9	342.4	324.4	307.1	284.8	257.5	230.7	205.5	182.1	158.5	135.0
-30°	355.5	336.4	318.7	301.2	278.3	250.6	224.2	200.3	177.4	154.4	131.4
-32.5°	345.8	329.5	312.3	293.6	270.4	243.1	217.6	194.6	172.4	150.0	127.4
-35°	335.8	321.1	305.0	286.2	261.5	235.5	210.9	188.6	166.9	145.2	122.9
-37.5°	325.5	311.8	297.0	277.5	251.9	227.1	204.0	182.3	161.1	140.0	118.1
-40°	315.5	302.2	287.9	266.4	241.9	218.0	196.4	175.6	154.9	134.6	112.9
-42.5°	305.3	292.0	275.6	254.5	231.2	209.1	188.3	168.5	148.5	128.5	107.4
-45°	294.1	280.4	262.4	241.7	219.9	199.5	180.1	161.1	141.7	121.7	101.7
-47.5°	282.1	267.0	248.9	228.7	208.7	189.6	171.5	152.9	134.4	114.7	96.1
-50°	268.8	253.1	234.7	215.4	196.7	179.8	162.4	144.4	126.2	107.3	90.2
-52.5°	253.5	237.9	219.6	201.3	184.9	169.6	152.4	135.3	117.6	100.2	84.1
-55°	236.5	220.9	203.2	187.2	172.6	158.0	141.9	125.5	108.8	93.0	77.8
-57.5°	217.2	201.9	186.9	172.8	159.1	145.3	130.8	115.3	100.0	85.4	71.2
-60°	197.4	183.5	170.3	157.4	144.8	132.4	119.4	105.0	91.1	77.6	64.5
-62.5°	176.7	164.7	152.9	141.4	130.3	119.2	107.7	94.6	81.9	69.8	57.6
-65°	156.2	145.8	135.2	125.7	115.9	105.9	95.6	83.9	72.8	61.7	50.8
-67.5°	136.0	127.2	118.5	110.0	101.3	92.3	83.1	73.5	63.6	53.5	44.3
-70°	116.3	108.9	101.7	94.2	86.5	78.7	71.4	63.2	54.2	46.0	37.7
-72.5°	97.3	91.3	84.8	78.2	72.2	66.0	59.7	52.9	45.7	38.4	31.0
-75°	79.4	74.2	68.8	63.5	58.5	53.3	48.7	43.3	37.0	30.7	25.3
-77.5°	61.9	57.6	53.1	49.4	46.0	42.3	38.2	33.6	28.6	24.1	19.8
-80°	46.0	43.2	40.4	37.4	34.5	31.2	28.0	24.7	21.1	17.6	14.2
-82.5°	31.9	29.8	27.7	25.5	23.2	20.9	18.5	16.0	13.4	11.0	9.4
-85°	17.8	16.4	15.0	13.6	12.0	10.5	9.7	8.9	8.0	7.2	6.3
-87.5°	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2
-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-MR-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°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
85°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
82.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
80°	11.1	9.0	7.3	5.5	3.6	1.8	0.0
77.5°	15.7	11.9	9.0	6.8	4.5	2.3	0.0
75°	20.3	15.7	11.1	8.1	5.4	2.7	0.0
72.5°	24.9	19.5	14.1	9.4	6.3	3.2	0.0
70°	29.5	23.3	17.1	10.9	7.2	3.6	0.0
67.5°	35.3	27.0	20.1	13.2	8.0	4.0	0.0
65°	40.9	31.1	23.0	15.3	8.9	4.4	0.0
62.5°	46.4	35.7	25.9	17.5	9.7	4.8	0.0
60°	51.8	40.2	28.7	19.6	10.5	5.2	0.0
57.5°	57.5	44.6	32.1	21.6	11.8	5.6	0.0
55°	63.0	48.9	35.6	23.6	13.2	6.0	0.0
52.5°	68.3	53.1	38.9	25.6	14.5	6.4	0.0
50°	73.4	57.3	42.1	27.4	15.7	6.7	0.0
47.5°	78.3	61.4	45.2	29.4	16.9	7.1	0.0
45°	83.1	65.2	48.2	31.6	18.1	7.4	0.0
42.5°	87.8	68.9	51.0	33.7	19.2	7.7	0.0
40°	92.2	72.3	53.8	35.7	20.2	8.0	0.0
37.5°	96.4	75.5	56.4	37.6	21.2	8.3	0.0
35°	100.4	78.7	58.8	39.4	22.2	8.6	0.0
32.5°	104.1	81.8	61.1	41.0	23.1	8.9	0.0
30°	107.7	84.7	63.2	42.5	23.9	9.1	0.0
27.5°	110.9	87.3	65.1	43.8	24.7	9.3	0.0
25°	113.8	89.7	66.9	45.1	25.4	9.5	0.0
22.5°	116.4	91.9	68.5	46.1	26.0	9.7	0.0
20°	118.7	93.8	70.0	47.1	26.6	9.9	0.0
17.5°	120.8	95.5	71.3	47.9	27.1	10.0	0.0
15°	122.7	96.8	72.5	48.6	27.5	10.1	0.0
12.5°	124.4	97.9	73.5	49.1	27.9	10.3	0.0
10°	125.7	98.7	74.4	49.5	28.2	10.3	0.0
7.5°	126.8	99.3	75.0	49.8	28.5	10.4	0.0
5°	127.6	99.6	75.5	49.9	28.7	10.5	0.0
2.5°	128.1	99.7	75.8	49.9	28.8	10.5	0.0
0°	128.3	99.5	75.9	49.8	28.8	10.5	0.0
-2.5°	128.1	99.7	75.8	49.9	28.8	10.5	0.0
-5°	127.6	99.6	75.5	49.9	28.7	10.5	0.0
-7.5°	126.8	99.3	75.0	49.8	28.5	10.4	0.0
-10°	125.7	98.7	74.4	49.5	28.2	10.3	0.0
-12.5°	124.4	97.9	73.5	49.1	27.9	10.3	0.0
-15°	122.7	96.8	72.5	48.6	27.5	10.1	0.0
-17.5°	120.8	95.5	71.3	47.9	27.1	10.0	0.0
-20°	118.7	93.8	70.0	47.1	26.6	9.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	116.4	91.9	68.5	46.1	26.0	9.7	0.0
-25°	113.8	89.7	66.9	45.1	25.4	9.5	0.0
-27.5°	110.9	87.3	65.1	43.8	24.7	9.3	0.0
-30°	107.7	84.7	63.2	42.5	23.9	9.1	0.0
-32.5°	104.1	81.8	61.1	41.0	23.1	8.9	0.0
-35°	100.4	78.7	58.8	39.4	22.2	8.6	0.0
-37.5°	96.4	75.5	56.4	37.6	21.2	8.3	0.0
-40°	92.2	72.3	53.8	35.7	20.2	8.0	0.0
-42.5°	87.8	68.9	51.0	33.7	19.2	7.7	0.0
-45°	83.1	65.2	48.2	31.6	18.1	7.4	0.0
-47.5°	78.3	61.4	45.2	29.4	16.9	7.1	0.0
-50°	73.4	57.3	42.1	27.4	15.7	6.7	0.0
-52.5°	68.3	53.1	38.9	25.6	14.5	6.4	0.0
-55°	63.0	48.9	35.6	23.6	13.2	6.0	0.0
-57.5°	57.5	44.6	32.1	21.6	11.8	5.6	0.0
-60°	51.8	40.2	28.7	19.6	10.5	5.2	0.0
-62.5°	46.4	35.7	25.9	17.5	9.7	4.8	0.0
-65°	40.9	31.1	23.0	15.3	8.9	4.4	0.0
-67.5°	35.3	27.0	20.1	13.2	8.0	4.0	0.0
-70°	29.5	23.3	17.1	10.9	7.2	3.6	0.0
-72.5°	24.9	19.5	14.1	9.4	6.3	3.2	0.0
-75°	20.3	15.7	11.1	8.1	5.4	2.7	0.0
-77.5°	15.7	11.9	9.0	6.8	4.5	2.3	0.0
-80°	11.1	9.0	7.3	5.5	3.6	1.8	0.0
-82.5°	8.1	6.8	5.5	4.1	2.7	1.4	0.0
-85°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)