

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: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-730-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	27410.2 lumens	Max Intensity:	277847.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

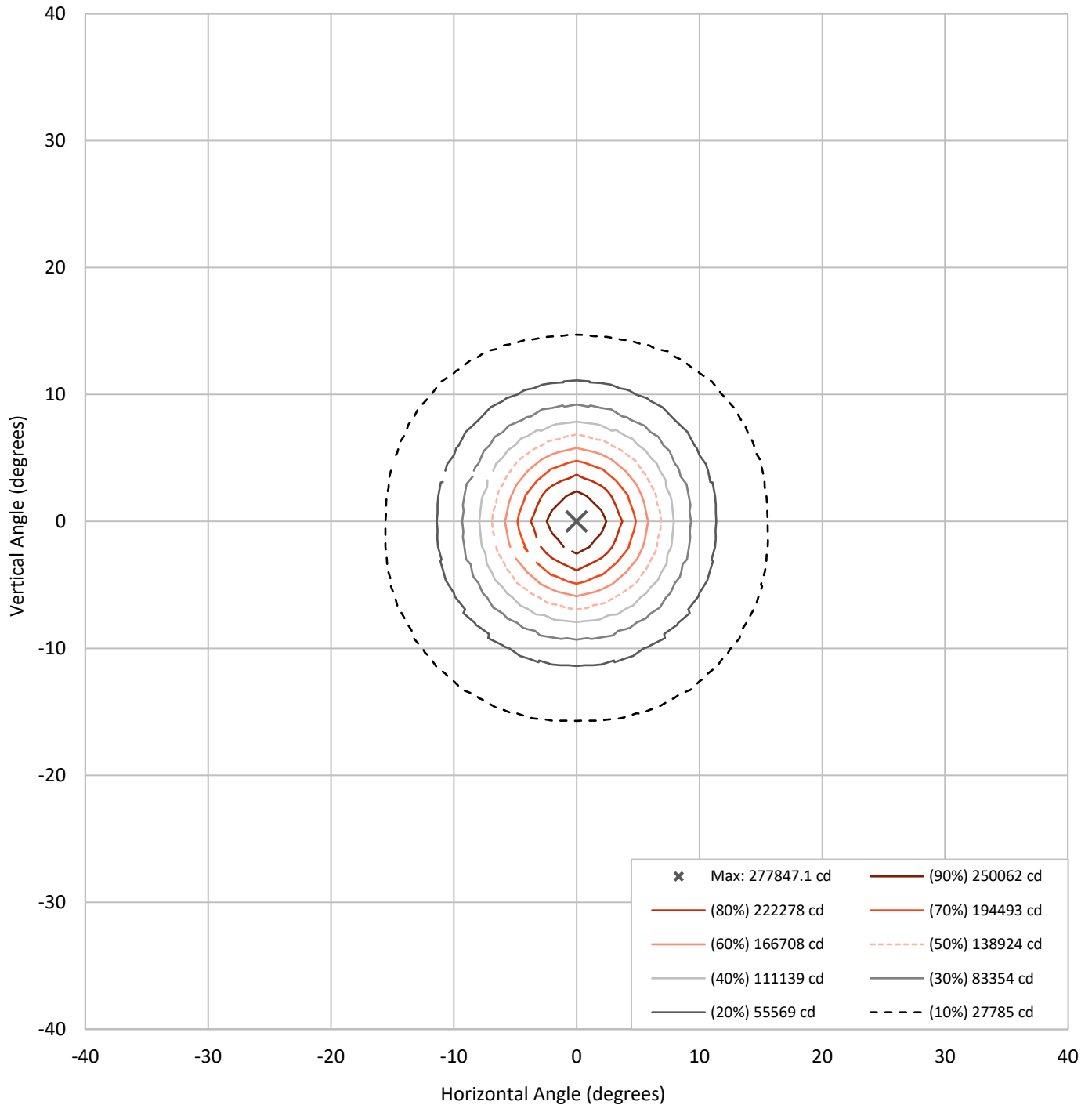
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	8750.6 lumens	Field Lumens:	19490.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 206.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
50		0.1	0.2	0.7	1.5	2.4	3.2	3.9	3.9	3.2	2.4	1.5	0.7	0.2	0.1				
40	0.1	0.2	0.8	2.4	4.5	6.6	9.2	10.9	10.9	9.2	6.6	4.5	2.4	0.8	0.2				
30		0.4	1.9	4.7	8.3	13.1	22.3	28.4	28.4	22.3	13.1	8.3	4.7	1.9	0.4				
20	0.2	0.8	3.1	7.1	12.8	27.9	74.4	123.3	123.3	74.4	27.9	12.8	7.1	3.1	0.8				
10		1.2	4.2	9.8	21.2	83.3	351.4	772.3	772.3	351.4	83.3	21.2	9.8	4.2	1.2				
0	0.4	1.5	5.1	11.5	28.8	156.5	841.9	3775.9	3775.9	841.9	156.5	28.8	11.5	5.1	1.5				
-10		1.7	5.6	12.1	30.9	166.7	871.5	3840.0	3840.0	871.5	166.7	30.9	12.1	5.6	1.7				
-20	0.5	1.8	5.7	11.9	27.1	106.1	423.0	904.8	904.8	423.0	106.1	27.1	11.9	5.7	1.8				
-30		1.7	5.4	10.9	21.0	49.6	130.3	217.3	217.3	130.3	49.6	21.0	10.9	5.4	1.7				
-40	0.5	1.5	4.8	9.6	16.4	27.2	44.3	56.3	56.3	44.3	27.2	16.4	9.6	4.8	1.5				
-50		1.2	4.0	8.0	13.3	19.0	25.6	28.5	28.5	25.6	19.0	13.3	8.0	4.0	1.2				
-60	0.3	0.9	3.0	6.3	10.4	14.6	18.5	20.2	20.2	18.5	14.6	10.4	6.3	3.0	0.9				
-70		0.6	1.9	4.1	7.0	10.2	12.9	14.1	14.1	12.9	10.2	7.0	4.1	1.9	0.6				
-80	0.1	1.7	6.9	15.2	19.2	15.2	6.9	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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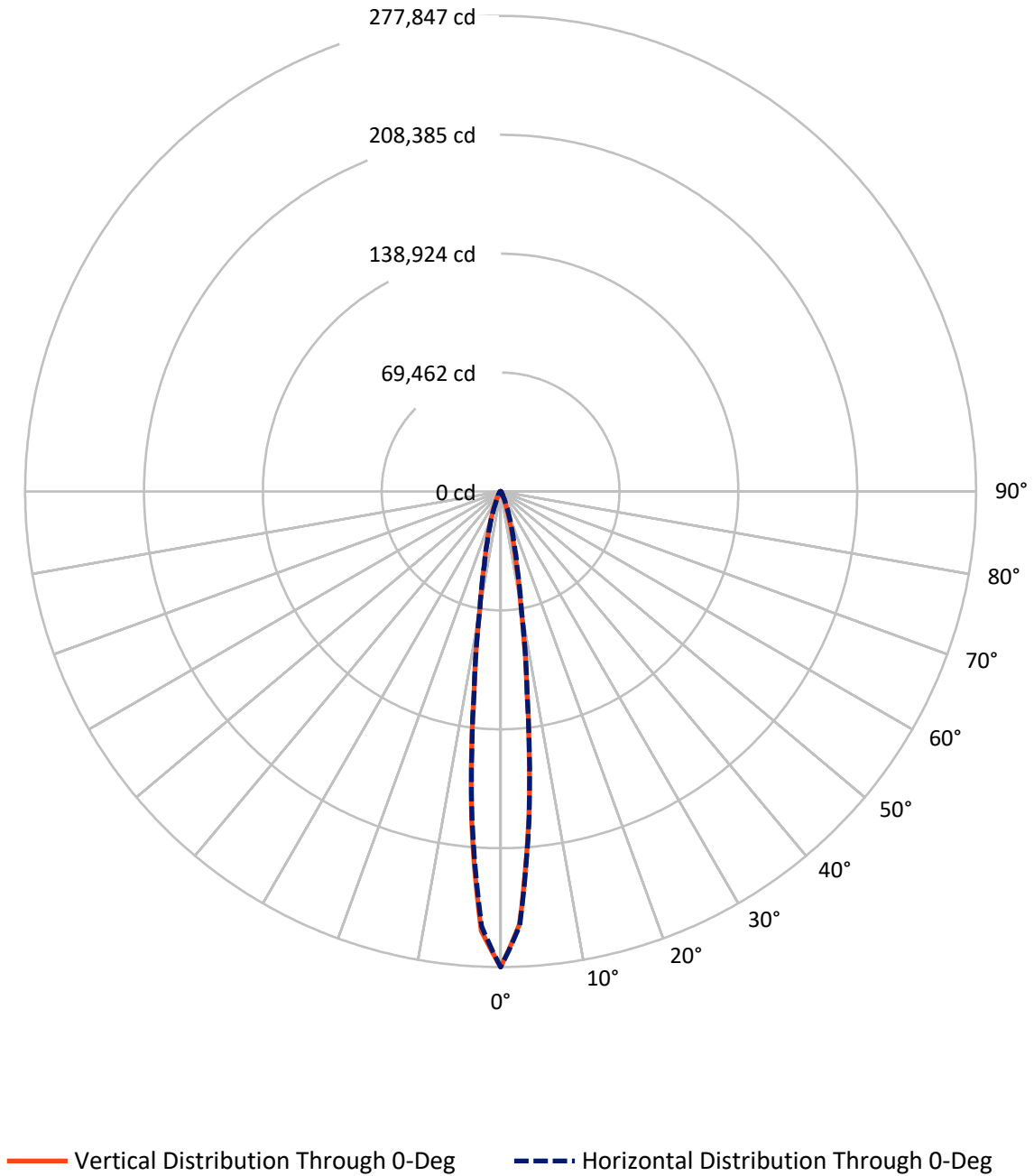
Scaled Data Report



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

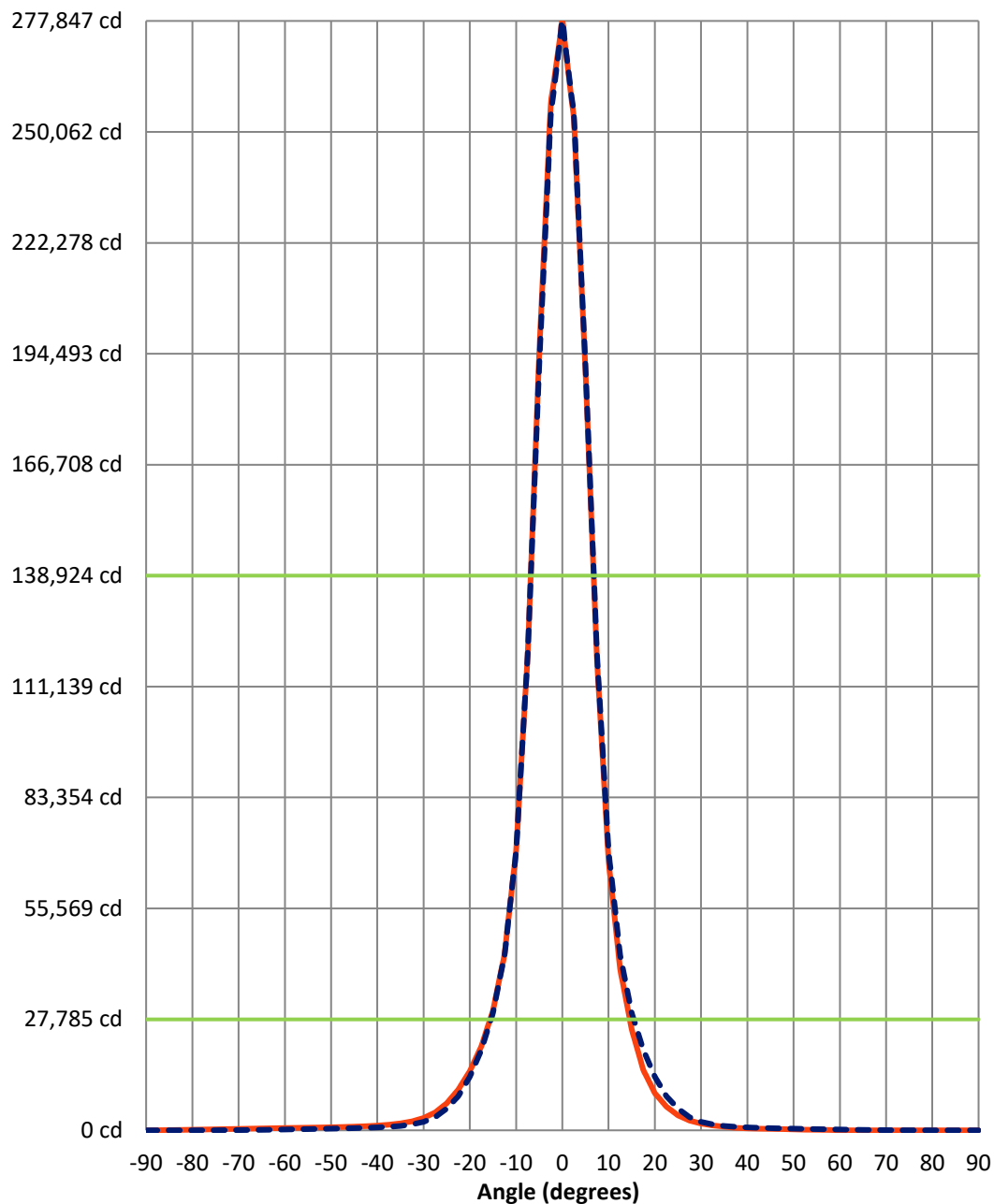
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 8750.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 19490.4
 Efficiency: 71.1%

Spill:
 Lumens: 7919.8
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.8	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.5	0.2
72.5°	0.0	0.9	0.2	0.0	0.6	0.9	0.3	0.4	1.2	1.3	0.6
70°	0.0	1.1	0.2	0.1	1.2	1.3	0.7	1.8	2.5	2.2	0.8
67.5°	0.0	1.2	0.3	0.7	1.8	1.8	2.1	3.3	3.8	2.4	1.0
65°	0.0	1.4	0.5	1.3	2.4	2.5	3.4	4.9	4.0	2.6	1.8
62.5°	0.0	1.5	0.6	1.9	3.0	3.3	4.6	5.5	4.2	3.1	3.7
60°	0.0	1.7	0.8	2.5	3.7	4.1	5.8	5.7	4.4	4.3	5.4
57.5°	0.0	1.8	1.3	3.1	4.1	4.8	5.9	5.9	5.0	5.3	5.9
55°	0.0	2.0	1.8	3.7	4.5	5.4	5.9	5.9	5.5	5.9	5.9
52.5°	0.0	2.2	2.2	4.4	4.9	5.9	5.9	5.9	5.8	5.9	5.9
50°	0.0	2.3	2.7	5.0	5.2	5.9	5.9	5.9	5.9	5.9	6.9
47.5°	0.0	2.5	3.1	5.6	5.5	5.9	5.9	5.9	5.9	5.9	8.2
45°	0.0	2.7	3.4	5.7	5.7	5.9	5.9	5.9	6.1	7.3	9.7
42.5°	0.0	2.9	3.8	5.9	5.8	5.9	5.9	6.1	6.5	9.0	13.0
40°	0.0	3.1	4.1	5.9	5.9	5.9	5.9	6.6	7.5	10.8	16.8
37.5°	0.0	3.3	4.4	5.9	5.9	5.9	5.9	7.2	9.6	13.6	20.7
35°	0.0	3.4	4.7	5.9	5.9	5.9	5.9	7.9	11.7	17.3	25.3
32.5°	0.0	3.6	4.9	5.9	5.9	5.9	6.1	8.7	14.0	20.9	31.4
30°	0.0	3.8	5.1	5.9	5.9	5.9	6.7	9.8	16.3	24.4	38.1
27.5°	0.0	4.0	5.3	5.9	5.9	5.9	7.3	11.7	18.9	27.7	45.2
25°	0.0	4.2	5.4	5.9	5.9	5.9	8.0	13.6	21.7	32.6	52.8
22.5°	0.0	4.4	5.6	5.9	5.9	6.0	8.8	15.5	24.4	38.5	61.8
20°	0.0	4.6	5.7	5.9	5.9	6.4	9.5	17.4	26.9	44.6	70.1
17.5°	0.0	4.8	5.7	5.9	5.9	7.0	10.6	19.2	29.3	50.6	77.7
15°	0.0	5.0	5.8	5.9	5.9	7.6	11.8	21.0	31.5	56.6	84.5
12.5°	0.0	5.1	5.8	5.9	5.9	8.2	12.9	22.8	34.5	62.4	90.7
10°	0.0	5.3	5.9	5.9	5.9	8.9	14.0	24.4	38.3	67.7	96.1
7.5°	0.0	5.5	5.9	5.9	5.9	9.7	15.0	25.9	42.1	72.4	100.9
5°	0.0	5.6	5.9	5.9	5.9	10.4	15.9	27.2	45.9	76.3	105.1
2.5°	0.0	5.8	5.9	5.9	5.9	11.1	16.8	28.4	49.5	79.6	108.7
0°	0.0	5.9	5.9	5.9	5.9	11.8	17.6	29.4	52.9	82.3	111.7
-2.5°	0.0	5.9	5.9	5.9	6.4	12.4	19.1	31.2	55.9	84.5	115.5
-5°	0.0	5.9	5.9	5.9	6.9	13.0	20.6	32.8	58.5	86.2	118.6
-7.5°	0.0	5.8	5.9	5.9	7.4	13.5	21.9	34.2	60.6	87.5	121.0
-10°	0.0	5.8	5.9	5.9	7.8	13.9	23.0	35.5	62.2	88.5	122.4
-12.5°	0.0	5.8	5.9	5.9	8.2	14.3	24.0	36.6	63.2	89.4	124.7
-15°	0.0	5.7	5.9	5.9	8.6	14.6	24.8	37.5	63.4	91.1	126.9
-17.5°	0.0	5.6	5.9	5.9	8.8	14.9	25.3	38.4	62.9	92.1	127.8
-20°	0.0	5.5	5.9	5.9	9.0	15.1	25.6	39.2	62.0	92.0	127.6

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CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	5.9	5.9	9.1	15.2	25.9	39.7	60.6	91.0	126.1
-25°	0.0	5.3	5.9	5.9	9.0	15.6	26.1	39.8	58.8	88.9	123.4
-27.5°	0.0	5.2	5.9	5.9	8.9	16.0	26.1	39.7	56.4	85.9	120.7
-30°	0.0	5.1	5.9	5.9	8.7	16.3	25.9	39.2	55.2	82.7	116.7
-32.5°	0.0	5.0	5.9	5.9	8.6	16.4	25.6	38.8	54.5	79.0	111.2
-35°	0.0	4.8	5.9	5.9	8.5	16.4	25.6	38.3	53.4	74.8	104.1
-37.5°	0.0	4.7	5.9	5.9	8.3	16.2	25.5	37.6	51.8	70.2	100.1
-40°	0.0	4.5	5.9	5.9	8.0	15.9	25.2	36.7	49.9	67.1	96.4
-42.5°	0.0	4.3	5.9	6.0	7.9	15.4	24.6	35.6	48.3	65.8	91.8
-45°	0.0	4.2	5.9	6.1	8.1	14.8	23.9	34.5	46.9	63.7	86.8
-47.5°	0.0	4.0	5.9	6.2	8.3	14.0	22.9	33.4	45.3	61.0	83.5
-50°	0.0	3.8	5.9	6.3	8.4	13.0	21.8	31.9	43.6	58.7	79.2
-52.5°	0.0	3.6	5.9	6.4	8.4	12.0	20.4	30.2	41.4	55.4	74.0
-55°	0.0	3.4	5.9	6.4	8.3	11.6	18.8	28.2	38.9	51.3	68.6
-57.5°	0.0	3.2	5.9	6.4	8.2	11.4	17.0	25.9	36.1	47.6	62.2
-60°	0.0	2.9	5.9	6.3	8.1	11.0	15.2	23.4	33.0	43.8	55.7
-62.5°	0.0	2.7	5.4	6.3	7.8	10.6	14.5	20.7	29.6	39.6	50.7
-65°	0.0	2.5	5.0	6.2	7.5	10.0	13.6	18.2	25.9	35.0	45.2
-67.5°	0.0	2.3	4.5	6.1	7.2	9.4	12.6	16.7	21.9	30.2	39.4
-70°	0.0	2.0	4.0	5.9	6.8	8.7	11.5	15.1	19.6	25.1	33.3
-72.5°	0.0	1.8	3.5	5.3	6.4	7.9	10.2	13.3	17.2	21.9	27.3
-75°	0.0	1.5	3.1	4.6	6.0	7.1	8.9	11.7	14.6	18.5	23.0
-77.5°	0.0	1.3	2.6	3.8	5.1	6.2	7.5	10.0	12.7	15.3	18.4
-80°	0.0	1.0	2.0	3.1	4.1	5.1	6.1	8.4	10.8	13.2	15.6
-82.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	6.6	8.9	11.1	13.2
-85°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	4.4	6.0	7.9	9.9
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.2	3.0	3.9	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.7	2.0	1.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	2.9	3.8	2.9	1.5	0.1	1.4	2.0	1.6	0.2	0.0	0.0
62.5°	5.5	4.7	3.3	2.4	3.3	4.5	3.5	2.0	0.5	2.8	4.1
60°	5.9	5.0	4.1	4.7	6.0	5.3	3.9	5.7	8.6	10.9	13.2
57.5°	5.9	5.5	5.3	6.4	6.7	6.7	10.3	13.8	19.5	24.3	27.5
55°	6.1	5.8	6.7	8.0	9.9	14.0	19.2	27.1	33.4	43.1	51.3
52.5°	6.7	6.7	9.0	12.1	17.8	24.2	33.4	44.5	57.1	66.5	76.5
50°	7.6	9.8	12.6	20.2	28.0	38.2	53.2	69.4	80.0	90.7	105.0
47.5°	10.5	13.3	20.7	29.5	40.9	57.2	77.8	89.5	100.0	116.7	134.5
45°	14.1	20.0	29.1	41.2	57.0	79.7	96.0	105.6	123.7	143.0	163.4
42.5°	18.0	27.6	40.0	52.8	77.6	99.2	114.0	129.1	147.3	170.0	192.0
40°	24.5	35.1	51.9	72.1	97.3	118.4	136.8	154.2	172.2	201.7	225.2
37.5°	31.0	46.5	65.5	90.5	116.7	139.8	160.4	182.2	207.9	241.2	262.3
35°	37.3	58.3	81.5	108.2	136.0	162.1	186.8	212.4	245.7	277.2	302.4
32.5°	46.3	70.5	96.5	125.4	154.0	183.5	213.6	244.1	276.9	309.2	342.3
30°	57.4	83.4	110.8	141.8	170.5	204.7	239.5	271.8	304.9	338.9	376.3
27.5°	68.7	95.4	125.1	156.4	186.5	225.5	263.1	296.8	330.7	367.3	409.9
25°	79.1	107.5	138.6	169.4	204.9	246.6	287.7	326.8	355.5	397.1	446.9
22.5°	89.0	119.4	152.8	181.1	222.5	267.9	315.8	357.8	391.8	428.9	485.5
20°	98.9	131.6	166.1	197.8	240.2	289.1	345.9	389.2	431.3	479.2	536.9
17.5°	108.3	143.0	179.2	216.9	261.7	312.2	376.7	420.8	471.2	528.5	601.2
15°	117.2	153.5	192.3	234.7	280.9	335.4	397.6	452.6	512.9	579.1	665.0
12.5°	125.6	163.2	205.3	251.1	297.9	355.4	415.1	473.7	543.0	629.6	737.7
10°	133.2	171.9	217.8	266.2	312.7	372.2	430.6	491.5	564.6	659.8	783.5
7.5°	139.5	180.7	229.8	279.9	325.5	386.1	443.9	506.2	582.8	684.8	814.3
5°	144.9	189.9	240.9	288.7	336.1	398.1	455.1	517.8	597.2	704.3	836.4
2.5°	149.4	198.4	250.6	295.1	345.3	409.0	464.0	530.8	611.8	719.4	857.0
0°	152.9	205.8	258.8	299.9	352.9	417.6	470.5	541.1	623.4	729.3	876.3
-2.5°	160.0	212.0	263.7	305.5	361.0	419.0	474.8	542.5	627.8	736.9	879.8
-5°	166.0	216.9	267.3	309.8	367.0	418.8	476.6	541.3	629.3	741.3	886.2
-7.5°	170.6	220.7	269.6	313.1	370.3	420.7	479.2	545.5	633.9	745.3	894.6
-10°	173.6	223.4	271.6	317.3	371.1	422.7	480.2	546.4	633.1	742.7	890.0
-12.5°	175.2	225.1	272.5	319.6	370.9	422.5	478.8	543.9	626.6	733.4	871.8
-15°	175.7	225.7	272.4	319.8	370.0	420.1	475.1	537.7	615.0	717.7	843.3
-17.5°	175.1	225.3	271.3	317.9	368.7	415.2	469.2	529.4	603.1	699.2	820.1
-20°	173.6	224.1	269.2	313.6	366.7	410.8	463.4	521.5	590.8	677.9	786.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	171.2	222.0	266.3	309.4	360.2	406.6	455.8	511.2	573.3	652.0	748.1
-25°	168.4	217.8	262.6	306.0	352.8	400.2	446.1	498.8	555.9	631.5	718.0
-27.5°	164.6	212.8	257.4	301.4	344.9	391.6	436.5	486.2	542.8	609.4	686.8
-30°	159.1	205.6	250.3	295.1	338.0	381.9	425.2	472.6	525.9	588.8	660.2
-32.5°	152.3	197.6	241.3	285.7	330.3	372.1	413.0	458.5	508.5	563.7	631.6
-35°	145.3	189.0	231.6	273.9	320.9	361.3	400.6	442.3	488.9	540.2	595.5
-37.5°	138.8	179.7	221.3	261.2	305.7	347.8	386.1	425.7	468.7	515.8	566.1
-40°	131.8	169.9	210.5	249.3	288.4	331.3	369.5	407.8	447.5	494.7	539.4
-42.5°	124.5	161.5	199.1	237.2	274.5	312.8	350.9	387.7	429.6	474.3	518.1
-45°	118.4	152.8	187.7	224.7	261.4	296.1	331.8	366.2	408.8	453.5	496.3
-47.5°	111.2	143.9	177.7	211.2	247.3	281.9	314.1	348.8	385.0	427.1	472.2
-50°	103.9	134.7	166.0	197.6	231.7	266.4	299.0	331.1	365.2	399.8	438.7
-52.5°	97.6	124.5	153.4	182.5	214.8	248.7	281.6	313.7	345.2	377.7	410.8
-55°	90.1	114.8	140.4	167.5	195.9	228.3	261.0	292.3	324.4	354.8	387.3
-57.5°	81.9	104.1	127.3	152.8	178.6	205.2	236.8	268.0	298.2	328.9	362.4
-60°	72.5	92.4	113.5	136.9	162.1	186.4	212.1	241.0	270.1	299.3	330.2
-62.5°	62.9	80.1	99.1	119.6	142.6	166.6	190.0	214.7	240.8	266.2	293.0
-65°	56.4	68.5	84.5	102.7	121.7	143.1	165.3	188.0	211.1	232.6	253.2
-67.5°	49.5	60.5	72.3	85.7	102.9	121.0	138.7	159.0	179.7	199.6	218.8
-70°	42.2	52.0	62.4	73.6	85.8	100.6	117.2	133.5	149.4	166.0	183.9
-72.5°	34.6	43.0	52.1	61.8	72.3	83.9	96.7	110.6	124.7	138.5	152.4
-75°	28.4	34.0	41.4	49.6	58.6	67.8	77.0	88.0	100.0	112.0	123.8
-77.5°	23.4	28.5	33.6	38.7	45.1	53.5	61.7	69.8	78.2	87.3	97.0
-80°	19.0	23.0	27.7	32.3	36.7	41.8	47.5	53.9	59.8	65.9	72.5
-82.5°	15.9	18.9	22.2	25.8	28.4	31.1	34.2	37.9	41.8	45.9	50.1
-85°	12.2	14.6	16.8	19.3	20.5	21.8	23.3	24.9	27.4	29.9	32.3
-87.5°	6.1	7.3	8.7	10.1	10.7	11.3	11.9	12.4	14.0	15.7	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



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.1	1.5	1.3	0.6	0.0	0.0
62.5°	3.5	2.9	4.6	6.1	6.7	6.5	6.0	5.4	4.6	4.2	4.8
60°	14.1	13.9	19.3	21.9	20.0	14.1	22.2	26.2	25.1	21.5	21.4
57.5°	34.5	41.9	47.3	49.7	57.5	70.1	72.5	68.3	66.8	68.2	78.8
55°	59.8	65.8	69.0	79.6	89.1	95.9	100.0	104.1	110.1	117.4	125.1
52.5°	84.6	92.8	99.2	108.7	120.1	124.0	122.9	137.5	148.8	156.1	159.1
50°	116.2	126.5	141.1	156.1	162.5	168.9	175.6	187.5	204.9	226.6	239.0
47.5°	150.2	166.4	181.7	198.8	207.4	214.2	224.1	245.0	269.8	293.1	305.3
45°	180.8	195.2	212.8	227.6	238.2	251.2	265.7	284.5	312.3	336.7	353.5
42.5°	205.4	221.7	239.8	257.6	268.5	286.0	308.0	333.5	362.6	387.9	406.7
40°	240.0	253.7	282.5	299.5	303.7	320.1	364.1	399.1	431.9	463.1	478.6
37.5°	281.7	308.5	338.4	353.8	368.9	397.8	456.7	513.2	555.0	597.3	620.4
35°	329.0	364.3	405.0	423.2	455.7	518.7	587.8	666.4	764.2	805.1	842.4
32.5°	375.1	414.5	452.0	492.9	549.7	625.0	702.9	830.3	949.2	1041.3	1108.6
30°	415.9	457.7	504.3	556.8	636.9	740.6	870.8	1035.6	1203.3	1349.6	1473.4
27.5°	456.2	503.8	559.2	637.6	750.2	891.1	1098.9	1334.0	1613.9	1820.2	2066.4
25°	500.5	554.8	626.0	739.6	891.7	1102.2	1434.4	1816.2	2275.2	2647.3	3036.7
22.5°	552.8	633.1	723.3	850.0	1115.6	1462.6	1916.3	2568.9	3274.9	3927.6	4556.2
20°	616.1	725.8	870.6	1103.9	1444.8	1957.8	2746.2	3787.7	4825.9	5931.6	6996.1
17.5°	706.3	864.5	1089.4	1421.5	1870.8	2885.5	4164.7	5775.6	7845.0	9720.4	11357.8
15°	790.9	980.0	1335.1	1831.5	2615.3	3960.1	5903.1	8561.8	11786.9	14726.3	17830.7
12.5°	879.8	1103.1	1510.9	2142.9	3232.0	4982.8	7713.3	11356.2	15394.6	19824.5	24870.4
10°	950.2	1221.3	1709.6	2510.8	3853.4	6033.6	9286.1	13704.0	19070.6	25626.5	33692.7
7.5°	997.7	1316.0	1873.7	2780.2	4425.5	7108.3	11023.6	16333.9	23043.0	31728.3	43015.0
5°	1034.8	1388.3	1997.1	3025.9	4909.4	7928.7	12311.0	18636.8	26573.3	38210.1	57337.9
2.5°	1064.7	1443.7	2073.4	3195.0	5213.1	8500.0	13174.7	19939.7	28674.8	43002.3	67818.0
0°	1088.0	1493.8	2123.1	3299.3	5445.9	8557.0	13444.2	20178.1	29429.1	43867.2	70073.4
-2.5°	1097.9	1520.6	2140.2	3322.2	5422.6	8655.1	13526.5	20368.5	29400.7	43393.3	67554.5
-5°	1114.4	1520.2	2127.3	3298.8	5301.1	8401.6	12989.3	19302.8	27627.0	39661.2	59456.0
-7.5°	1126.3	1495.9	2065.7	3149.4	4982.8	7853.4	12045.4	17537.0	24398.8	33536.0	45795.6
-10°	1115.4	1449.4	1963.1	2898.6	4488.1	6974.1	10610.0	15206.0	20908.8	27680.3	36009.7
-12.5°	1073.4	1363.5	1795.5	2547.4	3847.3	5989.1	9165.9	13079.1	17300.0	22055.6	27811.3
-15°	1020.4	1270.9	1644.5	2306.5	3372.2	5012.8	7332.1	10506.6	13892.6	17503.3	21353.7
-17.5°	979.1	1189.6	1499.0	1978.2	2762.0	4066.5	5889.1	8144.2	10632.5	13381.5	15663.2
-20°	923.1	1089.5	1349.2	1740.5	2338.6	3202.8	4530.3	6168.6	7810.5	9743.4	11319.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	867.1	1012.0	1209.7	1496.0	1941.0	2593.9	3414.1	4508.0	5708.7	6818.2	7910.3
-25°	815.1	926.7	1086.6	1321.5	1623.4	2068.9	2652.7	3280.2	4071.7	4747.0	5496.5
-27.5°	773.0	868.9	986.8	1159.1	1393.3	1679.9	2097.9	2518.4	2934.6	3275.4	3791.4
-30°	732.3	809.5	908.1	1030.9	1206.5	1427.4	1698.8	1971.5	2211.7	2430.8	2699.5
-32.5°	692.4	755.2	830.8	932.8	1058.8	1224.8	1391.6	1587.1	1754.0	1908.1	2050.7
-35°	652.4	708.3	765.9	851.9	952.3	1070.3	1191.5	1324.0	1439.6	1543.3	1635.1
-37.5°	616.3	665.3	719.6	783.6	864.5	953.3	1052.3	1148.5	1224.9	1292.2	1347.9
-40°	585.8	630.4	676.8	728.0	789.7	859.7	943.8	1024.0	1077.5	1118.6	1152.4
-42.5°	558.6	597.9	637.4	680.8	728.2	788.8	855.2	921.4	957.7	989.5	1014.0
-45°	536.7	566.9	600.1	637.2	679.1	729.9	782.1	827.9	860.1	887.5	907.9
-47.5°	507.8	536.8	565.6	596.3	635.3	677.7	720.8	756.0	784.2	808.0	823.6
-50°	476.0	506.6	532.9	559.9	595.8	631.7	666.4	695.5	722.4	745.8	758.0
-52.5°	443.0	475.9	503.5	529.8	560.0	591.3	622.6	647.5	671.0	693.1	702.4
-55°	419.3	449.6	478.2	502.9	527.7	552.8	578.4	604.2	627.5	648.4	654.6
-57.5°	393.7	424.5	452.8	475.0	497.4	520.0	543.4	566.7	589.2	609.2	614.3
-60°	362.4	395.8	420.9	441.9	463.7	486.0	506.4	527.1	548.0	565.6	571.2
-62.5°	322.7	353.1	377.9	400.0	421.0	440.4	460.3	479.7	498.5	512.3	516.8
-65°	275.0	300.9	326.5	349.6	370.3	389.1	407.4	425.1	442.1	454.3	460.4
-67.5°	237.5	256.1	276.6	296.5	317.4	336.7	353.2	368.8	383.4	393.7	400.2
-70°	201.3	219.0	238.2	257.1	275.3	291.0	304.1	317.0	329.5	338.6	345.4
-72.5°	166.6	181.6	197.6	214.3	230.9	245.1	257.2	268.7	279.4	287.3	293.6
-75°	135.2	147.6	161.2	174.7	188.2	199.4	209.5	219.4	228.9	235.9	241.7
-77.5°	107.4	117.8	128.4	139.0	149.6	157.8	165.2	172.4	179.5	185.0	190.0
-80°	79.5	87.8	96.2	104.7	113.1	119.3	124.9	130.2	135.2	138.4	141.3
-82.5°	54.4	60.1	66.0	72.0	77.9	82.5	87.0	91.3	95.6	97.2	98.2
-85°	34.7	37.6	40.6	43.9	47.3	49.8	52.3	54.6	56.8	58.8	60.7
-87.5°	19.2	19.8	20.3	20.8	21.3	23.1	24.8	26.6	28.4	28.7	29.0
-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: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3
62.5°	5.3	5.6	5.8	5.9	5.8	5.6	5.3	4.8	4.2	4.6	5.4
60°	20.1	17.9	17.5	17.6	17.5	17.9	20.1	21.4	21.5	25.1	26.2
57.5°	89.5	99.5	102.3	100.0	102.3	99.5	89.5	78.8	68.2	66.8	68.3
55°	130.3	133.4	134.8	135.3	134.8	133.4	130.3	125.1	117.4	110.1	104.1
52.5°	159.7	158.7	158.4	158.8	158.4	158.7	159.7	159.1	156.1	148.8	137.5
50°	240.0	235.5	233.8	235.2	233.8	235.5	240.0	239.0	226.6	204.9	187.5
47.5°	306.7	308.1	310.2	311.7	310.2	308.1	306.7	305.3	293.1	269.8	245.0
45°	358.2	361.3	363.4	364.6	363.4	361.3	358.2	353.5	336.7	312.3	284.5
42.5°	410.8	411.1	410.6	411.7	410.6	411.1	410.8	406.7	387.9	362.6	333.5
40°	485.0	486.5	484.9	482.3	484.9	486.5	485.0	478.6	463.1	431.9	399.1
37.5°	633.8	636.0	628.9	623.4	628.9	636.0	633.8	620.4	597.3	555.0	513.2
35°	876.5	901.6	913.6	917.5	913.6	901.6	876.5	842.4	805.1	764.2	666.4
32.5°	1155.2	1190.2	1207.7	1223.3	1207.7	1190.2	1155.2	1108.6	1041.3	949.2	830.3
30°	1554.6	1619.1	1647.6	1687.9	1647.6	1619.1	1554.6	1473.4	1349.6	1203.3	1035.6
27.5°	2206.1	2319.6	2382.4	2440.7	2382.4	2319.6	2206.1	2066.4	1820.2	1613.9	1334.0
25°	3319.7	3538.2	3679.5	3746.3	3679.5	3538.2	3319.7	3036.7	2647.3	2275.2	1816.2
22.5°	5164.4	5567.1	5877.7	5939.9	5877.7	5567.1	5164.4	4556.2	3927.6	3274.9	2568.9
20°	8028.8	8605.0	9073.8	9309.8	9073.8	8605.0	8028.8	6996.1	5931.6	4825.9	3787.7
17.5°	13308.0	14506.5	15053.9	15143.9	15053.9	14506.5	13308.0	11357.8	9720.4	7845.0	5775.6
15°	21161.8	23189.9	24477.4	25306.4	24477.4	23189.9	21161.8	17830.7	14726.3	11786.9	8561.8
12.5°	30122.9	35885.7	39164.8	40415.0	39164.8	35885.7	30122.9	24870.4	19824.5	15394.6	11356.2
10°	42285.1	55851.4	63677.2	67615.1	63677.2	55851.4	42285.1	33692.7	25626.5	19070.6	13704.0
7.5°	62927.1	83880.6	107096.3	117836.8	107096.3	83880.6	62927.1	43015.0	31728.3	23043.0	16333.9
5°	84626.9	130632.2	171011.6	190347.9	171011.6	130632.2	84626.9	57337.9	38210.1	26573.3	18636.8
2.5°	109567.3	171610.0	228973.5	253093.5	228973.5	171610.0	109567.3	67818.0	43002.3	28674.8	19939.7
0°	119166.0	191435.9	254172.6	277847.1	254172.6	191435.9	119166.0	70073.4	43867.2	29429.1	20178.1
-2.5°	111051.2	174615.7	229959.0	257010.3	229959.0	174615.7	111051.2	67554.5	43393.3	29400.7	20368.5
-5°	88235.8	131352.3	172339.3	194382.4	172339.3	131352.3	88235.8	59456.0	39661.2	27627.0	19302.8
-7.5°	64759.6	88231.8	110994.5	118954.3	110994.5	88231.8	64759.6	45795.6	33536.0	24398.8	17537.0
-10°	45086.9	58527.9	67400.3	69932.3	67400.3	58527.9	45086.9	36009.7	27680.3	20908.8	15206.0
-12.5°	33427.4	39306.5	43397.1	44108.3	43397.1	39306.5	33427.4	27811.3	22055.6	17300.0	13079.1
-15°	24752.2	27741.9	29851.6	29993.7	29851.6	27741.9	24752.2	21353.7	17503.3	13892.6	10506.6
-17.5°	18094.0	20100.8	21165.5	21089.7	21165.5	20100.8	18094.0	15663.2	13381.5	10632.5	8144.2
-20°	12938.2	14147.9	15005.7	14838.0	15005.7	14147.9	12938.2	11319.6	9743.4	7810.5	6168.6



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9021.5	9824.5	10327.2	10197.8	10327.2	9824.5	9021.5	7910.3	6818.2	5708.7	4508.0
-25°	6129.9	6567.5	6816.5	6775.0	6816.5	6567.5	6129.9	5496.5	4747.0	4071.7	3280.2
-27.5°	4177.2	4408.3	4485.4	4481.4	4485.4	4408.3	4177.2	3791.4	3275.4	2934.6	2518.4
-30°	2899.3	3054.6	3143.5	3087.6	3143.5	3054.6	2899.3	2699.5	2430.8	2211.7	1971.5
-32.5°	2161.0	2248.5	2299.2	2246.6	2299.2	2248.5	2161.0	2050.7	1908.1	1754.0	1587.1
-35°	1703.0	1747.3	1765.2	1734.9	1765.2	1747.3	1703.0	1635.1	1543.3	1439.6	1324.0
-37.5°	1388.4	1414.4	1423.2	1405.6	1423.2	1414.4	1388.4	1347.9	1292.2	1224.9	1148.5
-40°	1176.5	1192.4	1196.3	1182.1	1196.3	1192.4	1176.5	1152.4	1118.6	1077.5	1024.0
-42.5°	1029.4	1038.9	1041.1	1035.1	1041.1	1038.9	1029.4	1014.0	989.5	957.7	921.4
-45°	920.0	928.1	929.6	923.3	929.6	928.1	920.0	907.9	887.5	860.1	827.9
-47.5°	831.4	836.4	837.7	835.1	837.7	836.4	831.4	823.6	808.0	784.2	756.0
-50°	763.6	767.0	767.3	764.5	767.3	767.0	763.6	758.0	745.8	722.4	695.5
-52.5°	706.8	709.2	710.8	711.6	710.8	709.2	706.8	702.4	693.1	671.0	647.5
-55°	659.0	662.1	664.0	664.6	664.0	662.1	659.0	654.6	648.4	627.5	604.2
-57.5°	618.3	621.1	622.8	623.4	622.8	621.1	618.3	614.3	609.2	589.2	566.7
-60°	575.8	579.3	581.5	582.2	581.5	579.3	575.8	571.2	565.6	548.0	527.1
-62.5°	519.8	521.4	522.8	523.4	522.8	521.4	519.8	516.8	512.3	498.5	479.7
-65°	465.0	468.1	469.9	470.5	469.9	468.1	465.0	460.4	454.3	442.1	425.1
-67.5°	405.4	409.5	413.9	417.6	413.9	409.5	405.4	400.2	393.7	383.4	368.8
-70°	351.4	356.6	358.3	358.7	358.3	356.6	351.4	345.4	338.6	329.5	317.0
-72.5°	299.2	304.1	308.2	311.7	308.2	304.1	299.2	293.6	287.3	279.4	268.7
-75°	246.9	251.5	252.6	252.9	252.6	251.5	246.9	241.7	235.9	228.9	219.4
-77.5°	194.6	198.8	199.8	200.0	199.8	198.8	194.6	190.0	185.0	179.5	172.4
-80°	143.9	146.2	149.7	152.9	149.7	146.2	143.9	141.3	138.4	135.2	130.2
-82.5°	99.0	99.6	99.9	100.0	99.9	99.6	99.0	98.2	97.2	95.6	91.3
-85°	62.6	64.4	64.6	64.7	64.6	64.4	62.6	60.7	58.8	56.8	54.6
-87.5°	29.1	29.3	29.4	29.4	29.4	29.3	29.1	29.0	28.7	28.4	26.6
-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: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.5	1.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.6
62.5°	6.0	6.5	6.7	6.1	4.6	2.9	3.5	4.1	2.8	0.5	2.0
60°	22.2	14.1	20.0	21.9	19.3	13.9	14.1	13.2	10.9	8.6	5.7
57.5°	72.5	70.1	57.5	49.7	47.3	41.9	34.5	27.5	24.3	19.5	13.8
55°	100.0	95.9	89.1	79.6	69.0	65.8	59.8	51.3	43.1	33.4	27.1
52.5°	122.9	124.0	120.1	108.7	99.2	92.8	84.6	76.5	66.5	57.1	44.5
50°	175.6	168.9	162.5	156.1	141.1	126.5	116.2	105.0	90.7	80.0	69.4
47.5°	224.1	214.2	207.4	198.8	181.7	166.4	150.2	134.5	116.7	100.0	89.5
45°	265.7	251.2	238.2	227.6	212.8	195.2	180.8	163.4	143.0	123.7	105.6
42.5°	308.0	286.0	268.5	257.6	239.8	221.7	205.4	192.0	170.0	147.3	129.1
40°	364.1	320.1	303.7	299.5	282.5	253.7	240.0	225.2	201.7	172.2	154.2
37.5°	456.7	397.8	368.9	353.8	338.4	308.5	281.7	262.3	241.2	207.9	182.2
35°	587.8	518.7	455.7	423.2	405.0	364.3	329.0	302.4	277.2	245.7	212.4
32.5°	702.9	625.0	549.7	492.9	452.0	414.5	375.1	342.3	309.2	276.9	244.1
30°	870.8	740.6	636.9	556.8	504.3	457.7	415.9	376.3	338.9	304.9	271.8
27.5°	1098.9	891.1	750.2	637.6	559.2	503.8	456.2	409.9	367.3	330.7	296.8
25°	1434.4	1102.2	891.7	739.6	626.0	554.8	500.5	446.9	397.1	355.5	326.8
22.5°	1916.3	1462.6	1115.6	850.0	723.3	633.1	552.8	485.5	428.9	391.8	357.8
20°	2746.2	1957.8	1444.8	1103.9	870.6	725.8	616.1	536.9	479.2	431.3	389.2
17.5°	4164.7	2885.5	1870.8	1421.5	1089.4	864.5	706.3	601.2	528.5	471.2	420.8
15°	5903.1	3960.1	2615.3	1831.5	1335.1	980.0	790.9	665.0	579.1	512.9	452.6
12.5°	7713.3	4982.8	3232.0	2142.9	1510.9	1103.1	879.8	737.7	629.6	543.0	473.7
10°	9286.1	6033.6	3853.4	2510.8	1709.6	1221.3	950.2	783.5	659.8	564.6	491.5
7.5°	11023.6	7108.3	4425.5	2780.2	1873.7	1316.0	997.7	814.3	684.8	582.8	506.2
5°	12311.0	7928.7	4909.4	3025.9	1997.1	1388.3	1034.8	836.4	704.3	597.2	517.8
2.5°	13174.7	8500.0	5213.1	3195.0	2073.4	1443.7	1064.7	857.0	719.4	611.8	530.8
0°	13444.2	8557.0	5445.9	3299.3	2123.1	1493.8	1088.0	876.3	729.3	623.4	541.1
-2.5°	13526.5	8655.1	5422.6	3322.2	2140.2	1520.6	1097.9	879.8	736.9	627.8	542.5
-5°	12989.3	8401.6	5301.1	3298.8	2127.3	1520.2	1114.4	886.2	741.3	629.3	541.3
-7.5°	12045.4	7853.4	4982.8	3149.4	2065.7	1495.9	1126.3	894.6	745.3	633.9	545.5
-10°	10610.0	6974.1	4488.1	2898.6	1963.1	1449.4	1115.4	890.0	742.7	633.1	546.4
-12.5°	9165.9	5989.1	3847.3	2547.4	1795.5	1363.5	1073.4	871.8	733.4	626.6	543.9
-15°	7332.1	5012.8	3372.2	2306.5	1644.5	1270.9	1020.4	843.3	717.7	615.0	537.7
-17.5°	5889.1	4066.5	2762.0	1978.2	1499.0	1189.6	979.1	820.1	699.2	603.1	529.4
-20°	4530.3	3202.8	2338.6	1740.5	1349.2	1089.5	923.1	786.1	677.9	590.8	521.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3414.1	2593.9	1941.0	1496.0	1209.7	1012.0	867.1	748.1	652.0	573.3	511.2
-25°	2652.7	2068.9	1623.4	1321.5	1086.6	926.7	815.1	718.0	631.5	555.9	498.8
-27.5°	2097.9	1679.9	1393.3	1159.1	986.8	868.9	773.0	686.8	609.4	542.8	486.2
-30°	1698.8	1427.4	1206.5	1030.9	908.1	809.5	732.3	660.2	588.8	525.9	472.6
-32.5°	1391.6	1224.8	1058.8	932.8	830.8	755.2	692.4	631.6	563.7	508.5	458.5
-35°	1191.5	1070.3	952.3	851.9	765.9	708.3	652.4	595.5	540.2	488.9	442.3
-37.5°	1052.3	953.3	864.5	783.6	719.6	665.3	616.3	566.1	515.8	468.7	425.7
-40°	943.8	859.7	789.7	728.0	676.8	630.4	585.8	539.4	494.7	447.5	407.8
-42.5°	855.2	788.8	728.2	680.8	637.4	597.9	558.6	518.1	474.3	429.6	387.7
-45°	782.1	729.9	679.1	637.2	600.1	566.9	536.7	496.3	453.5	408.8	366.2
-47.5°	720.8	677.7	635.3	596.3	565.6	536.8	507.8	472.2	427.1	385.0	348.8
-50°	666.4	631.7	595.8	559.9	532.9	506.6	476.0	438.7	399.8	365.2	331.1
-52.5°	622.6	591.3	560.0	529.8	503.5	475.9	443.0	410.8	377.7	345.2	313.7
-55°	578.4	552.8	527.7	502.9	478.2	449.6	419.3	387.3	354.8	324.4	292.3
-57.5°	543.4	520.0	497.4	475.0	452.8	424.5	393.7	362.4	328.9	298.2	268.0
-60°	506.4	486.0	463.7	441.9	420.9	395.8	362.4	330.2	299.3	270.1	241.0
-62.5°	460.3	440.4	421.0	400.0	377.9	353.1	322.7	293.0	266.2	240.8	214.7
-65°	407.4	389.1	370.3	349.6	326.5	300.9	275.0	253.2	232.6	211.1	188.0
-67.5°	353.2	336.7	317.4	296.5	276.6	256.1	237.5	218.8	199.6	179.7	159.0
-70°	304.1	291.0	275.3	257.1	238.2	219.0	201.3	183.9	166.0	149.4	133.5
-72.5°	257.2	245.1	230.9	214.3	197.6	181.6	166.6	152.4	138.5	124.7	110.6
-75°	209.5	199.4	188.2	174.7	161.2	147.6	135.2	123.8	112.0	100.0	88.0
-77.5°	165.2	157.8	149.6	139.0	128.4	117.8	107.4	97.0	87.3	78.2	69.8
-80°	124.9	119.3	113.1	104.7	96.2	87.8	79.5	72.5	65.9	59.8	53.9
-82.5°	87.0	82.5	77.9	72.0	66.0	60.1	54.4	50.1	45.9	41.8	37.9
-85°	52.3	49.8	47.3	43.9	40.6	37.6	34.7	32.3	29.9	27.4	24.9
-87.5°	24.8	23.1	21.3	20.8	20.3	19.8	19.2	17.5	15.7	14.0	12.4
-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: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.2	0.4
70°	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.8	2.2	2.5	1.8
67.5°	0.0	0.0	0.0	1.2	2.0	1.7	0.4	1.0	2.4	3.8	3.3
65°	2.0	1.4	0.1	1.5	2.9	3.8	2.9	1.8	2.6	4.0	4.9
62.5°	3.5	4.5	3.3	2.4	3.3	4.7	5.5	3.7	3.1	4.2	5.5
60°	3.9	5.3	6.0	4.7	4.1	5.0	5.9	5.4	4.3	4.4	5.7
57.5°	10.3	6.7	6.7	6.4	5.3	5.5	5.9	5.9	5.3	5.0	5.9
55°	19.2	14.0	9.9	8.0	6.7	5.8	6.1	5.9	5.9	5.5	5.9
52.5°	33.4	24.2	17.8	12.1	9.0	6.7	6.7	5.9	5.9	5.8	5.9
50°	53.2	38.2	28.0	20.2	12.6	9.8	7.6	6.9	5.9	5.9	5.9
47.5°	77.8	57.2	40.9	29.5	20.7	13.3	10.5	8.2	5.9	5.9	5.9
45°	96.0	79.7	57.0	41.2	29.1	20.0	14.1	9.7	7.3	6.1	5.9
42.5°	114.0	99.2	77.6	52.8	40.0	27.6	18.0	13.0	9.0	6.5	6.1
40°	136.8	118.4	97.3	72.1	51.9	35.1	24.5	16.8	10.8	7.5	6.6
37.5°	160.4	139.8	116.7	90.5	65.5	46.5	31.0	20.7	13.6	9.6	7.2
35°	186.8	162.1	136.0	108.2	81.5	58.3	37.3	25.3	17.3	11.7	7.9
32.5°	213.6	183.5	154.0	125.4	96.5	70.5	46.3	31.4	20.9	14.0	8.7
30°	239.5	204.7	170.5	141.8	110.8	83.4	57.4	38.1	24.4	16.3	9.8
27.5°	263.1	225.5	186.5	156.4	125.1	95.4	68.7	45.2	27.7	18.9	11.7
25°	287.7	246.6	204.9	169.4	138.6	107.5	79.1	52.8	32.6	21.7	13.6
22.5°	315.8	267.9	222.5	181.1	152.8	119.4	89.0	61.8	38.5	24.4	15.5
20°	345.9	289.1	240.2	197.8	166.1	131.6	98.9	70.1	44.6	26.9	17.4
17.5°	376.7	312.2	261.7	216.9	179.2	143.0	108.3	77.7	50.6	29.3	19.2
15°	397.6	335.4	280.9	234.7	192.3	153.5	117.2	84.5	56.6	31.5	21.0
12.5°	415.1	355.4	297.9	251.1	205.3	163.2	125.6	90.7	62.4	34.5	22.8
10°	430.6	372.2	312.7	266.2	217.8	171.9	133.2	96.1	67.7	38.3	24.4
7.5°	443.9	386.1	325.5	279.9	229.8	180.7	139.5	100.9	72.4	42.1	25.9
5°	455.1	398.1	336.1	288.7	240.9	189.9	144.9	105.1	76.3	45.9	27.2
2.5°	464.0	409.0	345.3	295.1	250.6	198.4	149.4	108.7	79.6	49.5	28.4
0°	470.5	417.6	352.9	299.9	258.8	205.8	152.9	111.7	82.3	52.9	29.4
-2.5°	474.8	419.0	361.0	305.5	263.7	212.0	160.0	115.5	84.5	55.9	31.2
-5°	476.6	418.8	367.0	309.8	267.3	216.9	166.0	118.6	86.2	58.5	32.8
-7.5°	479.2	420.7	370.3	313.1	269.6	220.7	170.6	121.0	87.5	60.6	34.2
-10°	480.2	422.7	371.1	317.3	271.6	223.4	173.6	122.4	88.5	62.2	35.5
-12.5°	478.8	422.5	370.9	319.6	272.5	225.1	175.2	124.7	89.4	63.2	36.6
-15°	475.1	420.1	370.0	319.8	272.4	225.7	175.7	126.9	91.1	63.4	37.5
-17.5°	469.2	415.2	368.7	317.9	271.3	225.3	175.1	127.8	92.1	62.9	38.4
-20°	463.4	410.8	366.7	313.6	269.2	224.1	173.6	127.6	92.0	62.0	39.2

Classified

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Scaled Data Report



REPORT NUMBER: P627628 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	455.8	406.6	360.2	309.4	266.3	222.0	171.2	126.1	91.0	60.6	39.7
-25°	446.1	400.2	352.8	306.0	262.6	217.8	168.4	123.4	88.9	58.8	39.8
-27.5°	436.5	391.6	344.9	301.4	257.4	212.8	164.6	120.7	85.9	56.4	39.7
-30°	425.2	381.9	338.0	295.1	250.3	205.6	159.1	116.7	82.7	55.2	39.2
-32.5°	413.0	372.1	330.3	285.7	241.3	197.6	152.3	111.2	79.0	54.5	38.8
-35°	400.6	361.3	320.9	273.9	231.6	189.0	145.3	104.1	74.8	53.4	38.3
-37.5°	386.1	347.8	305.7	261.2	221.3	179.7	138.8	100.1	70.2	51.8	37.6
-40°	369.5	331.3	288.4	249.3	210.5	169.9	131.8	96.4	67.1	49.9	36.7
-42.5°	350.9	312.8	274.5	237.2	199.1	161.5	124.5	91.8	65.8	48.3	35.6
-45°	331.8	296.1	261.4	224.7	187.7	152.8	118.4	86.8	63.7	46.9	34.5
-47.5°	314.1	281.9	247.3	211.2	177.7	143.9	111.2	83.5	61.0	45.3	33.4
-50°	299.0	266.4	231.7	197.6	166.0	134.7	103.9	79.2	58.7	43.6	31.9
-52.5°	281.6	248.7	214.8	182.5	153.4	124.5	97.6	74.0	55.4	41.4	30.2
-55°	261.0	228.3	195.9	167.5	140.4	114.8	90.1	68.6	51.3	38.9	28.2
-57.5°	236.8	205.2	178.6	152.8	127.3	104.1	81.9	62.2	47.6	36.1	25.9
-60°	212.1	186.4	162.1	136.9	113.5	92.4	72.5	55.7	43.8	33.0	23.4
-62.5°	190.0	166.6	142.6	119.6	99.1	80.1	62.9	50.7	39.6	29.6	20.7
-65°	165.3	143.1	121.7	102.7	84.5	68.5	56.4	45.2	35.0	25.9	18.2
-67.5°	138.7	121.0	102.9	85.7	72.3	60.5	49.5	39.4	30.2	21.9	16.7
-70°	117.2	100.6	85.8	73.6	62.4	52.0	42.2	33.3	25.1	19.6	15.1
-72.5°	96.7	83.9	72.3	61.8	52.1	43.0	34.6	27.3	21.9	17.2	13.3
-75°	77.0	67.8	58.6	49.6	41.4	34.0	28.4	23.0	18.5	14.6	11.7
-77.5°	61.7	53.5	45.1	38.7	33.6	28.5	23.4	18.4	15.3	12.7	10.0
-80°	47.5	41.8	36.7	32.3	27.7	23.0	19.0	15.6	13.2	10.8	8.4
-82.5°	34.2	31.1	28.4	25.8	22.2	18.9	15.9	13.2	11.1	8.9	6.6
-85°	23.3	21.8	20.5	19.3	16.8	14.6	12.2	9.9	7.9	6.0	4.4
-87.5°	11.9	11.3	10.7	10.1	8.7	7.3	6.1	5.0	3.9	3.0	2.2
-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-SA5C-730-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.8	0.0
72.5°	0.3	0.9	0.6	0.0	0.2	0.9	0.0
70°	0.7	1.3	1.2	0.1	0.2	1.1	0.0
67.5°	2.1	1.8	1.8	0.7	0.3	1.2	0.0
65°	3.4	2.5	2.4	1.3	0.5	1.4	0.0
62.5°	4.6	3.3	3.0	1.9	0.6	1.5	0.0
60°	5.8	4.1	3.7	2.5	0.8	1.7	0.0
57.5°	5.9	4.8	4.1	3.1	1.3	1.8	0.0
55°	5.9	5.4	4.5	3.7	1.8	2.0	0.0
52.5°	5.9	5.9	4.9	4.4	2.2	2.2	0.0
50°	5.9	5.9	5.2	5.0	2.7	2.3	0.0
47.5°	5.9	5.9	5.5	5.6	3.1	2.5	0.0
45°	5.9	5.9	5.7	5.7	3.4	2.7	0.0
42.5°	5.9	5.9	5.8	5.9	3.8	2.9	0.0
40°	5.9	5.9	5.9	5.9	4.1	3.1	0.0
37.5°	5.9	5.9	5.9	5.9	4.4	3.3	0.0
35°	5.9	5.9	5.9	5.9	4.7	3.4	0.0
32.5°	6.1	5.9	5.9	5.9	4.9	3.6	0.0
30°	6.7	5.9	5.9	5.9	5.1	3.8	0.0
27.5°	7.3	5.9	5.9	5.9	5.3	4.0	0.0
25°	8.0	5.9	5.9	5.9	5.4	4.2	0.0
22.5°	8.8	6.0	5.9	5.9	5.6	4.4	0.0
20°	9.5	6.4	5.9	5.9	5.7	4.6	0.0
17.5°	10.6	7.0	5.9	5.9	5.7	4.8	0.0
15°	11.8	7.6	5.9	5.9	5.8	5.0	0.0
12.5°	12.9	8.2	5.9	5.9	5.8	5.1	0.0
10°	14.0	8.9	5.9	5.9	5.9	5.3	0.0
7.5°	15.0	9.7	5.9	5.9	5.9	5.5	0.0
5°	15.9	10.4	5.9	5.9	5.9	5.6	0.0
2.5°	16.8	11.1	5.9	5.9	5.9	5.8	0.0
0°	17.6	11.8	5.9	5.9	5.9	5.9	0.0
-2.5°	19.1	12.4	6.4	5.9	5.9	5.9	0.0
-5°	20.6	13.0	6.9	5.9	5.9	5.9	0.0
-7.5°	21.9	13.5	7.4	5.9	5.9	5.8	0.0
-10°	23.0	13.9	7.8	5.9	5.9	5.8	0.0
-12.5°	24.0	14.3	8.2	5.9	5.9	5.8	0.0
-15°	24.8	14.6	8.6	5.9	5.9	5.7	0.0
-17.5°	25.3	14.9	8.8	5.9	5.9	5.6	0.0
-20°	25.6	15.1	9.0	5.9	5.9	5.5	0.0

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CATALOG NUMBER: GFLD-SA5C-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.9	15.2	9.1	5.9	5.9	5.5	0.0
-25°	26.1	15.6	9.0	5.9	5.9	5.3	0.0
-27.5°	26.1	16.0	8.9	5.9	5.9	5.2	0.0
-30°	25.9	16.3	8.7	5.9	5.9	5.1	0.0
-32.5°	25.6	16.4	8.6	5.9	5.9	5.0	0.0
-35°	25.6	16.4	8.5	5.9	5.9	4.8	0.0
-37.5°	25.5	16.2	8.3	5.9	5.9	4.7	0.0
-40°	25.2	15.9	8.0	5.9	5.9	4.5	0.0
-42.5°	24.6	15.4	7.9	6.0	5.9	4.3	0.0
-45°	23.9	14.8	8.1	6.1	5.9	4.2	0.0
-47.5°	22.9	14.0	8.3	6.2	5.9	4.0	0.0
-50°	21.8	13.0	8.4	6.3	5.9	3.8	0.0
-52.5°	20.4	12.0	8.4	6.4	5.9	3.6	0.0
-55°	18.8	11.6	8.3	6.4	5.9	3.4	0.0
-57.5°	17.0	11.4	8.2	6.4	5.9	3.2	0.0
-60°	15.2	11.0	8.1	6.3	5.9	2.9	0.0
-62.5°	14.5	10.6	7.8	6.3	5.4	2.7	0.0
-65°	13.6	10.0	7.5	6.2	5.0	2.5	0.0
-67.5°	12.6	9.4	7.2	6.1	4.5	2.3	0.0
-70°	11.5	8.7	6.8	5.9	4.0	2.0	0.0
-72.5°	10.2	7.9	6.4	5.3	3.5	1.8	0.0
-75°	8.9	7.1	6.0	4.6	3.1	1.5	0.0
-77.5°	7.5	6.2	5.1	3.8	2.6	1.3	0.0
-80°	6.1	5.1	4.1	3.1	2.0	1.0	0.0
-82.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-85°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-87.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)