

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: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627688 (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-SA5D-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
Luminaire Lumens: 34204.5 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 346718.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 10919.6 lumens
Beam Efficiency: 31.9%

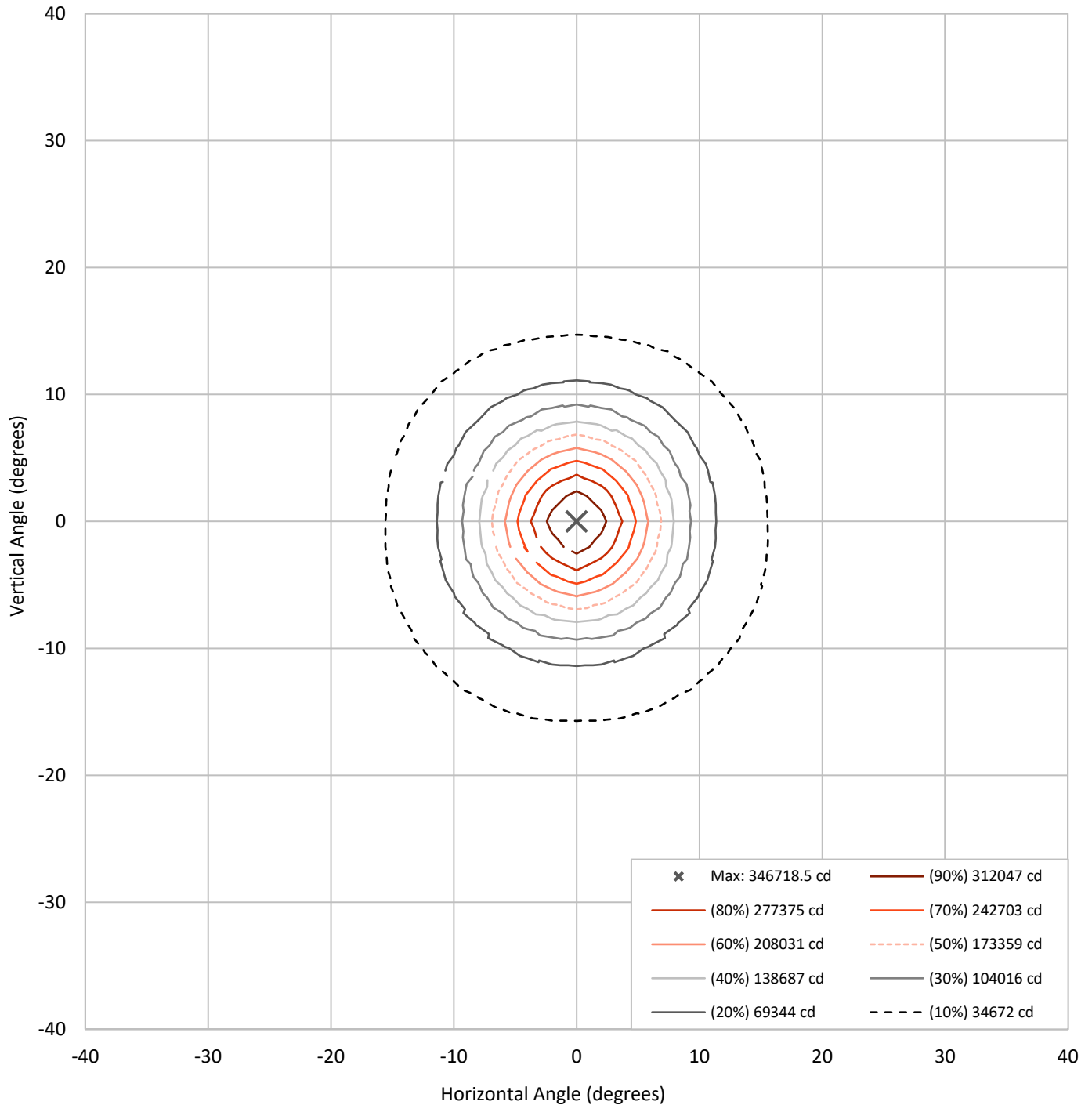
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 24321.5 lumens
Field Efficiency: 71.1%

Input Watts (W): 271.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5D-730-U-NR-VSR-XX

Iso-Candela Plot





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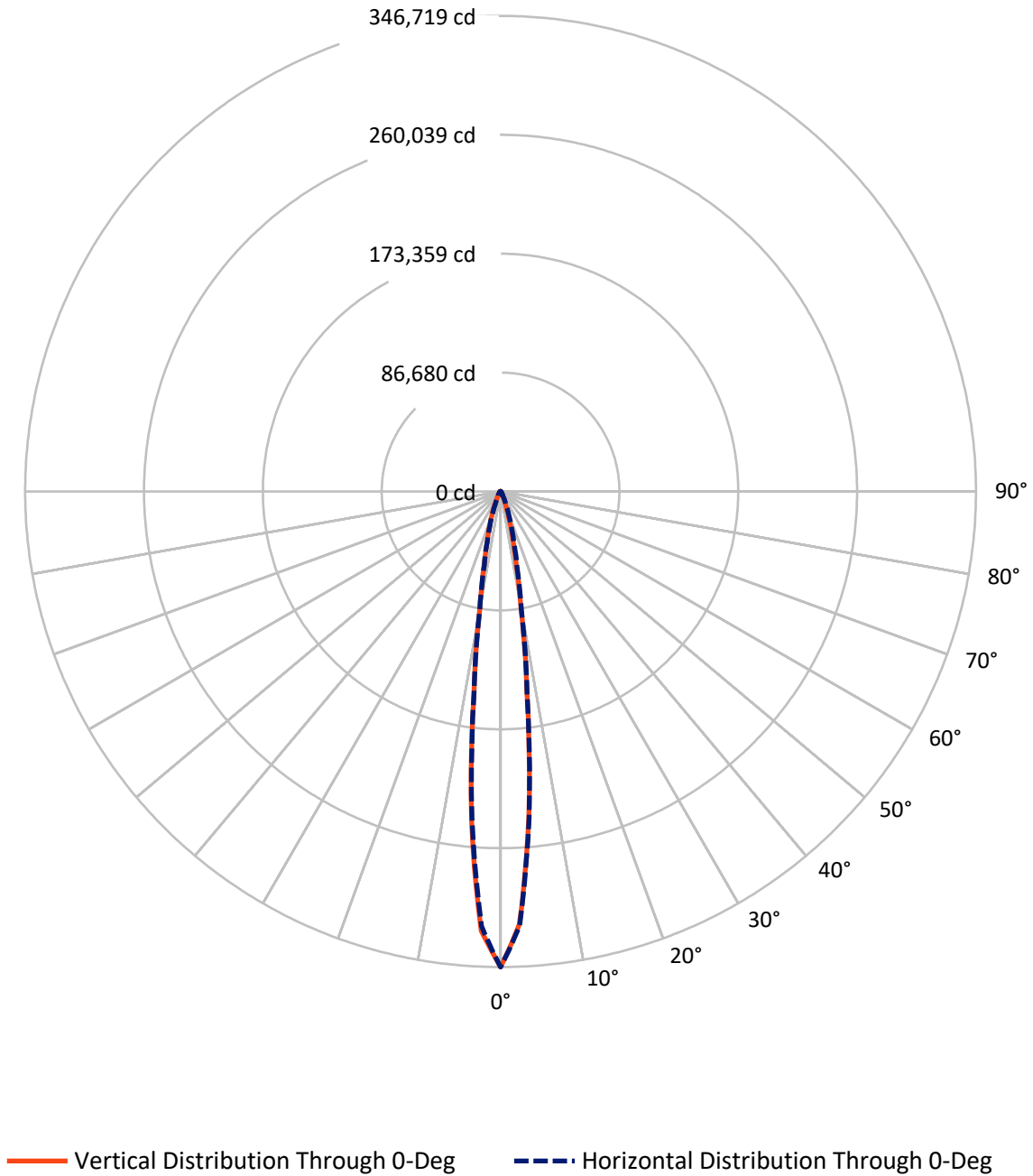
CATALOG NUMBER: GFLD-SA5D-730-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.2	0.8	1.9	3.0	4.1	4.9	4.9	4.1	3.0	1.9	0.8	0.2	0.1				
50	0.2	0.2	1.0	3.0	5.6	8.2	11.5	13.6	13.6	11.5	8.2	5.6	3.0	1.0	0.2	0.2			
40		0.5	2.4	5.8	10.4	16.4	27.8	35.4	35.4	27.8	16.4	10.4	5.8	2.4	0.5				
30	0.3	1.0	3.8	8.8	16.0	34.8	92.9	153.9	153.9	92.9	34.8	16.0	8.8	3.8	1.0	0.3			
20		1.5	5.2	12.2	26.5	104.0	438.5	963.8	963.8	438.5	104.0	26.5	12.2	5.2	1.5				
10	0.5	1.8	6.4	14.3	35.9	195.2	1050.6	4711.9	4711.9	1050.6	195.2	35.9	14.3	6.4	1.8	0.5			
0		2.1	6.9	15.1	38.6	208.0	1087.5	4791.9	4791.9	1087.5	208.0	38.6	15.1	6.9	2.1				
-10	0.6	2.2	7.1	14.8	33.9	132.4	527.9	1129.1	1129.1	527.9	132.4	33.9	14.8	7.1	2.2	0.6			
-20		2.1	6.8	13.6	26.2	61.9	162.6	271.1	271.1	162.6	61.9	26.2	13.6	6.8	2.1				
-30	0.6	1.9	6.0	12.0	20.5	34.0	55.3	70.3	70.3	55.3	34.0	20.5	12.0	6.0	1.9	0.6			
-40		1.5	5.0	10.0	16.5	23.7	31.9	35.6	35.6	31.9	23.7	16.5	10.0	5.0	1.5				
-50	0.4	1.2	3.7	7.8	13.0	18.2	23.0	25.2	25.2	23.0	18.2	13.0	7.8	3.7	1.2	0.4			
-60		0.8	2.3	5.1	8.7	12.7	16.1	17.6	17.6	16.1	12.7	8.7	5.1	2.3	0.8				
-70	0.2	2.1		8.6		18.9		23.9		18.9		8.6		2.1		0.2			
-80		2.1		8.6		18.9		23.9		18.9		8.6		2.1					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

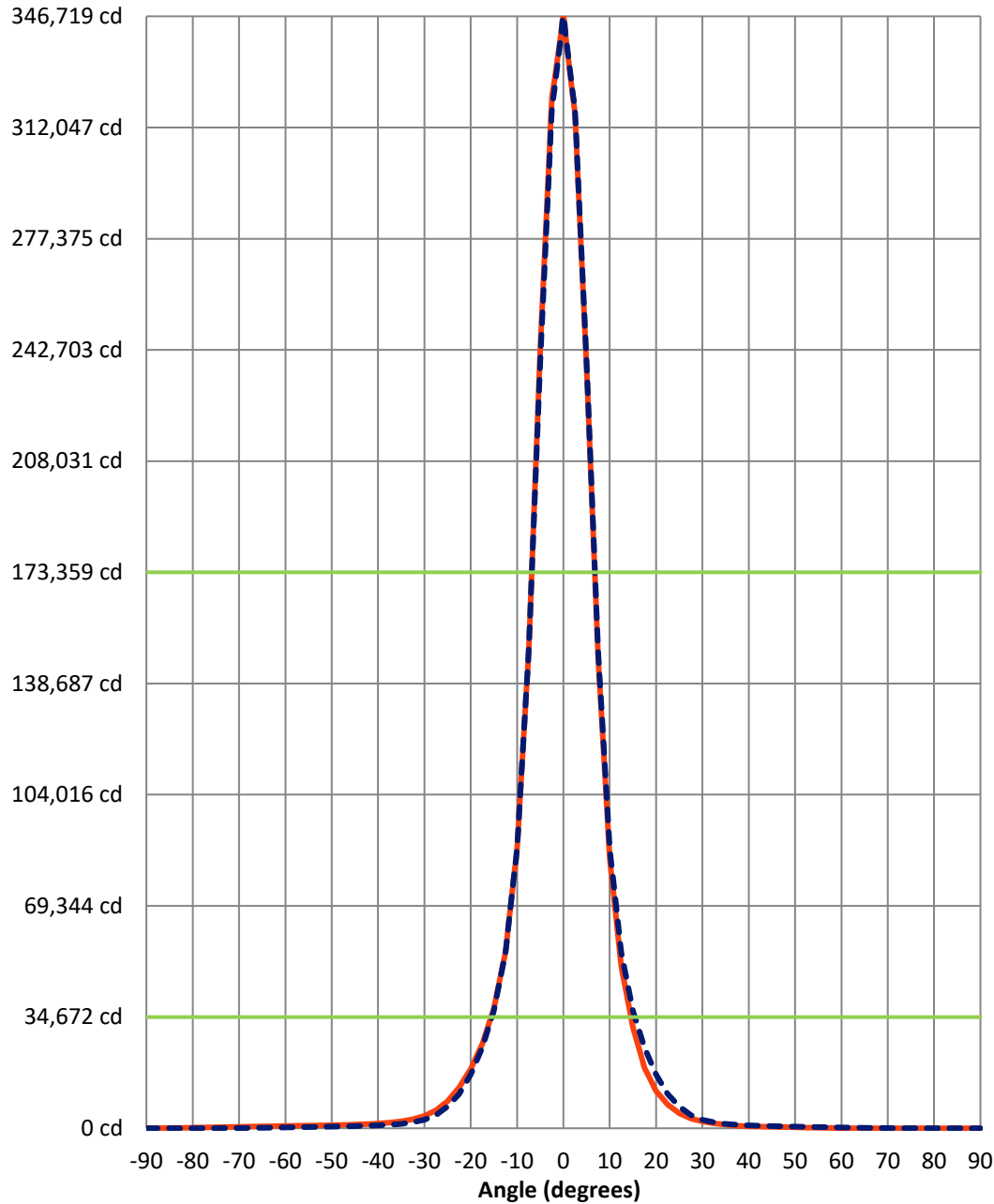
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 10919.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 24321.5
 Efficiency: 71.1%

Spill:
 Lumens: 9882.9
 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	0.2	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.8	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.1	0.2	0.0	0.8	1.1	0.4	0.5	1.5	1.6	0.7
70°	0.0	1.3	0.3	0.1	1.5	1.6	0.8	2.2	3.1	2.7	1.0
67.5°	0.0	1.5	0.4	0.9	2.2	2.3	2.6	4.1	4.7	3.0	1.2
65°	0.0	1.7	0.6	1.6	3.0	3.1	4.2	6.1	4.9	3.2	2.2
62.5°	0.0	1.9	0.8	2.3	3.7	4.1	5.7	6.8	5.2	3.8	4.6
60°	0.0	2.1	1.0	3.1	4.6	5.1	7.1	7.1	5.5	5.3	6.7
57.5°	0.0	2.3	1.6	3.8	5.1	6.0	7.3	7.3	6.1	6.5	7.3
55°	0.0	2.5	2.2	4.6	5.6	6.7	7.3	7.3	6.7	7.3	7.3
52.5°	0.0	2.7	2.8	5.4	6.1	7.3	7.3	7.3	7.1	7.3	7.3
50°	0.0	2.9	3.3	6.2	6.4	7.3	7.3	7.3	7.3	7.3	8.5
47.5°	0.0	3.1	3.8	6.9	6.8	7.3	7.3	7.3	7.3	7.3	10.1
45°	0.0	3.3	4.3	7.1	7.0	7.3	7.3	7.3	7.6	9.1	12.1
42.5°	0.0	3.6	4.7	7.3	7.2	7.3	7.3	7.6	8.0	11.1	16.2
40°	0.0	3.8	5.1	7.3	7.3	7.3	7.3	8.2	9.3	13.5	20.9
37.5°	0.0	4.0	5.5	7.3	7.3	7.3	7.3	8.9	11.9	17.0	25.8
35°	0.0	4.3	5.8	7.3	7.3	7.3	7.3	9.8	14.6	21.6	31.7
32.5°	0.0	4.5	6.1	7.3	7.3	7.3	7.5	10.8	17.5	26.1	39.2
30°	0.0	4.7	6.3	7.3	7.3	7.3	8.3	12.2	20.4	30.4	47.5
27.5°	0.0	5.0	6.5	7.3	7.3	7.3	9.1	14.6	23.7	34.6	56.4
25°	0.0	5.2	6.7	7.3	7.3	7.3	10.0	17.0	27.2	40.7	65.9
22.5°	0.0	5.5	6.9	7.3	7.3	7.4	10.9	19.3	30.5	48.1	77.1
20°	0.0	5.7	7.0	7.3	7.3	8.0	11.9	21.7	33.6	55.6	87.5
17.5°	0.0	5.9	7.1	7.3	7.3	8.6	13.2	24.0	36.6	63.1	96.9
15°	0.0	6.1	7.2	7.3	7.3	9.4	14.7	26.3	39.3	70.6	105.5
12.5°	0.0	6.4	7.2	7.3	7.3	10.2	16.1	28.5	43.0	77.8	113.1
10°	0.0	6.6	7.3	7.3	7.3	11.1	17.4	30.5	47.7	84.5	119.9
7.5°	0.0	6.8	7.3	7.3	7.3	12.0	18.7	32.4	52.6	90.3	125.9
5°	0.0	7.0	7.3	7.3	7.3	13.0	19.9	34.0	57.3	95.2	131.1
2.5°	0.0	7.1	7.3	7.3	7.3	13.8	21.0	35.4	61.9	99.3	135.6
0°	0.0	7.3	7.3	7.3	7.3	14.7	22.0	36.7	66.1	102.7	139.4
-2.5°	0.0	7.3	7.3	7.3	7.9	15.5	23.9	38.9	69.9	105.4	144.2
-5°	0.0	7.3	7.3	7.3	8.6	16.2	25.7	40.9	73.1	107.6	148.1
-7.5°	0.0	7.2	7.3	7.3	9.2	16.8	27.3	42.7	75.7	109.2	151.0
-10°	0.0	7.2	7.3	7.3	9.7	17.4	28.8	44.3	77.6	110.4	152.8
-12.5°	0.0	7.1	7.3	7.3	10.2	17.8	30.0	45.7	78.8	111.5	155.7
-15°	0.0	7.1	7.3	7.3	10.6	18.2	30.9	46.8	79.1	113.7	158.3
-17.5°	0.0	7.0	7.3	7.3	11.0	18.5	31.5	47.9	78.5	114.9	159.5
-20°	0.0	6.9	7.3	7.3	11.2	18.8	32.0	48.9	77.4	114.9	159.2

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Scaled Data Report



REPORT NUMBER: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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	6.7	7.3	7.3	11.3	19.0	32.4	49.5	75.7	113.6	157.4
-25°	0.0	6.6	7.3	7.3	11.2	19.4	32.6	49.7	73.3	110.9	153.9
-27.5°	0.0	6.5	7.3	7.3	11.0	19.9	32.6	49.6	70.4	107.2	150.7
-30°	0.0	6.3	7.3	7.3	10.8	20.3	32.4	49.0	68.9	103.2	145.6
-32.5°	0.0	6.2	7.3	7.3	10.7	20.4	32.0	48.5	68.0	98.6	138.7
-35°	0.0	6.0	7.3	7.3	10.6	20.4	31.9	47.8	66.7	93.4	129.9
-37.5°	0.0	5.8	7.3	7.3	10.3	20.2	31.8	46.9	64.7	87.5	124.9
-40°	0.0	5.6	7.3	7.3	9.9	19.8	31.4	45.8	62.3	83.8	120.3
-42.5°	0.0	5.4	7.3	7.4	9.9	19.2	30.8	44.5	60.3	82.1	114.6
-45°	0.0	5.2	7.3	7.6	10.1	18.4	29.8	43.1	58.5	79.6	108.3
-47.5°	0.0	4.9	7.3	7.7	10.3	17.4	28.6	41.6	56.5	76.1	104.2
-50°	0.0	4.7	7.3	7.8	10.4	16.3	27.1	39.8	54.4	73.3	98.8
-52.5°	0.0	4.4	7.3	7.9	10.4	14.9	25.4	37.7	51.6	69.2	92.3
-55°	0.0	4.2	7.3	7.9	10.4	14.5	23.5	35.2	48.6	64.0	85.6
-57.5°	0.0	3.9	7.3	7.9	10.2	14.2	21.2	32.4	45.1	59.4	77.6
-60°	0.0	3.6	7.3	7.9	10.0	13.7	19.0	29.2	41.2	54.6	69.5
-62.5°	0.0	3.4	6.7	7.8	9.7	13.1	18.0	25.8	36.9	49.4	63.2
-65°	0.0	3.1	6.2	7.7	9.4	12.5	16.9	22.8	32.3	43.8	56.5
-67.5°	0.0	2.8	5.6	7.5	8.9	11.7	15.7	20.9	27.4	37.7	49.2
-70°	0.0	2.5	5.0	7.3	8.5	10.8	14.3	18.8	24.5	31.4	41.6
-72.5°	0.0	2.2	4.4	6.6	8.0	9.8	12.7	16.6	21.5	27.3	34.1
-75°	0.0	1.9	3.8	5.7	7.4	8.8	11.1	14.5	18.2	23.0	28.7
-77.5°	0.0	1.6	3.2	4.7	6.3	7.7	9.3	12.5	15.8	19.1	23.0
-80°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	10.4	13.5	16.5	19.4
-82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	8.1	11.1	13.8	16.5
-85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	5.5	7.5	9.8	12.4
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.7	3.8	4.9	6.2
-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-SA5D-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°
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	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.1	2.5	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.6	4.7	3.6	1.9	0.1	1.7	2.5	2.0	0.2	0.0	0.0
62.5°	6.8	5.8	4.0	3.0	4.1	5.5	4.3	2.5	0.7	3.5	5.1
60°	7.3	6.2	5.1	5.8	7.4	6.6	4.8	7.1	10.8	13.5	16.4
57.5°	7.3	6.8	6.6	7.9	8.3	8.3	12.9	17.2	24.4	30.3	34.3
55°	7.5	7.2	8.3	9.9	12.3	17.5	24.0	33.8	41.7	53.8	64.1
52.5°	8.3	8.3	11.2	15.0	22.2	30.3	41.7	55.6	71.2	83.0	95.5
50°	9.5	12.3	15.7	25.2	35.0	47.7	66.4	86.6	99.9	113.2	131.1
47.5°	13.1	16.6	25.8	36.8	51.1	71.3	97.1	111.6	124.7	145.5	167.8
45°	17.6	25.0	36.3	51.5	71.2	99.5	119.8	131.7	154.3	178.5	203.9
42.5°	22.5	34.5	49.9	66.0	96.8	123.8	142.2	161.0	183.9	212.1	239.7
40°	30.5	43.8	64.8	90.0	121.3	147.7	170.7	192.4	214.9	251.8	281.1
37.5°	38.7	58.1	81.7	113.0	145.7	174.4	200.2	227.4	259.5	301.0	327.4
35°	46.6	72.8	101.8	135.0	169.7	202.3	233.2	265.0	306.6	346.0	377.4
32.5°	57.7	87.9	120.5	156.5	192.2	229.0	266.5	304.6	345.6	385.8	427.1
30°	71.6	104.0	138.3	176.9	212.8	255.5	298.9	339.3	380.5	422.8	469.5
27.5°	85.7	119.0	156.1	195.1	232.8	281.4	328.3	370.4	412.7	458.3	511.5
25°	98.6	134.2	173.0	211.4	255.7	307.8	359.1	407.8	443.6	495.6	557.7
22.5°	111.1	149.0	190.7	226.0	277.7	334.4	394.1	446.5	488.9	535.3	605.8
20°	123.4	164.2	207.2	246.8	299.8	360.8	431.6	485.6	538.2	598.0	670.0
17.5°	135.2	178.5	223.6	270.6	326.5	389.6	470.1	525.1	587.9	659.6	750.2
15°	146.3	191.6	240.0	292.8	350.6	418.6	496.2	564.9	640.0	722.7	829.8
12.5°	156.7	203.7	256.2	313.4	371.8	443.5	518.0	591.1	677.6	785.7	920.5
10°	166.2	214.5	271.9	332.2	390.3	464.5	537.3	613.3	704.6	823.3	977.7
7.5°	174.1	225.5	286.8	349.3	406.2	481.8	553.9	631.7	727.2	854.5	1016.1
5°	180.8	237.1	300.6	360.3	419.4	496.7	567.9	646.2	745.2	878.8	1043.6
2.5°	186.4	247.6	312.7	368.3	430.8	510.4	579.0	662.4	763.5	897.7	1069.4
0°	190.8	256.9	322.9	374.3	440.3	521.1	587.1	675.2	777.9	910.0	1093.5
-2.5°	199.7	264.5	329.0	381.2	450.4	522.9	592.4	677.0	783.4	919.5	1098.0
-5°	207.2	270.7	333.5	386.5	458.0	522.7	594.7	675.4	785.3	925.0	1106.0
-7.5°	212.9	275.4	336.5	390.7	462.1	525.0	598.0	680.7	791.0	930.0	1116.3
-10°	216.7	278.8	338.9	395.9	463.1	527.5	599.3	681.9	790.0	926.8	1110.7
-12.5°	218.6	280.8	340.1	398.8	462.9	527.3	597.6	678.7	781.9	915.2	1088.0
-15°	219.2	281.6	339.9	399.1	461.7	524.2	592.9	671.0	767.4	895.6	1052.4
-17.5°	218.6	281.2	338.5	396.6	460.1	518.1	585.6	660.6	752.6	872.5	1023.5
-20°	216.7	279.6	335.9	391.4	457.6	512.5	578.3	650.8	737.3	845.9	980.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	213.6	277.1	332.3	386.0	449.5	507.3	568.7	637.9	715.4	813.6	933.5
-25°	210.1	271.9	327.7	381.9	440.2	499.4	556.7	622.4	693.7	788.0	896.0
-27.5°	205.3	265.5	321.3	376.1	430.4	488.7	544.6	606.7	677.3	760.5	857.0
-30°	198.6	256.6	312.4	368.3	421.8	476.6	530.6	589.8	656.3	734.8	823.8
-32.5°	190.0	246.6	301.2	356.5	412.2	464.4	515.3	572.1	634.6	703.4	788.2
-35°	181.3	235.8	289.1	341.8	400.5	450.9	499.9	552.0	610.1	674.1	743.1
-37.5°	173.2	224.3	276.2	326.0	381.6	434.0	481.8	531.2	584.9	643.7	706.4
-40°	164.4	212.0	262.7	311.2	359.9	413.4	461.1	508.9	558.4	617.3	673.1
-42.5°	155.4	201.6	248.5	296.0	342.5	390.3	437.9	483.8	536.1	591.8	646.6
-45°	147.7	190.7	234.2	280.4	326.3	369.5	414.1	456.9	510.1	565.8	619.3
-47.5°	138.8	179.6	221.7	263.6	308.6	351.8	391.8	435.2	480.5	533.0	589.2
-50°	129.6	168.1	207.1	246.5	289.2	332.4	373.1	413.1	455.7	499.0	547.4
-52.5°	121.7	155.4	191.5	227.7	268.0	310.3	351.4	391.5	430.7	471.3	512.7
-55°	112.5	143.3	175.2	209.1	244.4	284.9	325.6	364.7	404.8	442.8	483.3
-57.5°	102.2	129.8	158.8	190.6	222.8	256.0	295.5	334.4	372.1	410.5	452.3
-60°	90.5	115.2	141.6	170.8	202.2	232.6	264.6	300.6	337.0	373.4	412.0
-62.5°	78.4	99.9	123.7	149.2	178.0	207.9	237.1	267.8	300.5	332.2	365.6
-65°	70.4	85.5	105.5	128.2	151.8	178.5	206.3	234.6	263.4	290.2	316.0
-67.5°	61.8	75.5	90.2	107.0	128.4	150.9	173.1	198.5	224.3	249.0	273.0
-70°	52.7	64.9	77.9	91.9	107.1	125.6	146.3	166.6	186.4	207.1	229.4
-72.5°	43.2	53.7	65.1	77.1	90.2	104.7	120.7	138.1	155.7	172.8	190.2
-75°	35.5	42.4	51.7	61.9	73.1	84.6	96.1	109.8	124.8	139.8	154.5
-77.5°	29.2	35.6	42.0	48.3	56.3	66.7	77.0	87.2	97.6	108.9	121.0
-80°	23.7	28.7	34.5	40.3	45.8	52.1	59.3	67.3	74.6	82.2	90.4
-82.5°	19.8	23.6	27.7	32.3	35.5	38.8	42.6	47.3	52.2	57.2	62.5
-85°	15.2	18.3	21.0	24.1	25.6	27.2	29.0	31.1	34.2	37.3	40.4
-87.5°	7.6	9.2	10.8	12.6	13.4	14.1	14.9	15.6	17.6	19.7	21.8
-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: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	0.4	0.1	0.0	0.0	0.1	1.3	1.8	1.6	0.7	0.0	0.0
62.5°	4.3	3.6	5.7	7.6	8.3	8.1	7.4	6.6	5.7	5.2	6.0
60°	17.6	17.3	24.1	27.4	24.9	17.6	27.6	32.6	31.3	26.9	26.7
57.5°	43.1	52.3	59.0	62.0	71.7	87.4	90.4	85.2	83.4	85.1	98.3
55°	74.7	82.1	86.1	99.3	111.1	119.7	124.8	129.9	137.4	146.5	156.1
52.5°	105.6	115.8	123.7	135.6	149.8	154.7	153.3	171.5	185.7	194.7	198.5
50°	145.0	157.8	176.0	194.7	202.8	210.7	219.1	234.0	255.7	282.7	298.2
47.5°	187.5	207.7	226.8	248.1	258.9	267.3	279.8	305.8	336.7	365.8	380.9
45°	225.7	243.7	265.6	284.0	297.3	313.6	331.6	355.1	389.7	420.1	441.1
42.5°	256.4	276.7	299.2	321.5	335.0	356.9	384.3	416.3	452.5	484.1	507.5
40°	299.5	316.6	352.5	373.7	379.0	399.5	454.4	498.0	538.9	577.9	597.3
37.5°	351.5	384.9	422.2	441.5	460.4	496.4	569.9	640.4	692.6	745.3	774.1
35°	410.6	454.5	505.3	528.1	568.6	647.3	733.5	831.6	953.6	1004.7	1051.2
32.5°	468.0	517.2	564.1	615.0	686.0	779.9	877.1	1036.0	1184.5	1299.4	1383.4
30°	519.0	571.2	629.3	694.9	794.8	924.2	1086.6	1292.3	1501.5	1684.2	1838.6
27.5°	569.3	628.7	697.9	795.6	936.2	1112.1	1371.3	1664.7	2014.0	2271.3	2578.5
25°	624.5	692.4	781.2	923.0	1112.7	1375.5	1790.0	2266.4	2839.1	3303.4	3789.4
22.5°	689.8	790.1	902.6	1060.7	1392.1	1825.1	2391.3	3205.7	4086.7	4901.2	5685.5
20°	768.8	905.8	1086.4	1377.5	1803.0	2443.1	3426.9	4726.5	6022.1	7402.0	8730.2
17.5°	881.4	1078.9	1359.4	1773.8	2334.6	3600.8	5197.1	7207.2	9789.6	12129.8	14173.0
15°	987.0	1223.0	1666.0	2285.4	3263.6	4941.8	7366.3	10684.0	14708.6	18376.5	22250.5
12.5°	1097.9	1376.5	1885.4	2674.0	4033.1	6217.9	9625.2	14171.1	19210.6	24738.5	31035.2
10°	1185.7	1524.0	2133.3	3133.2	4808.5	7529.2	11587.8	17100.9	23797.7	31978.7	42044.3
7.5°	1245.0	1642.2	2338.1	3469.3	5522.5	8870.3	13756.1	20382.6	28754.8	39593.0	53677.3
5°	1291.3	1732.5	2492.0	3775.9	6126.3	9894.0	15362.5	23256.4	33160.2	47681.4	71550.5
2.5°	1328.5	1801.6	2587.2	3986.9	6505.3	10606.9	16440.3	24882.2	35782.6	53661.5	84628.4
0°	1357.7	1864.1	2649.3	4117.1	6795.8	10678.1	16776.7	25179.7	36723.8	54740.8	87442.9
-2.5°	1370.1	1897.5	2670.7	4145.6	6766.7	10800.5	16879.4	25417.3	36688.4	54149.4	84299.5
-5°	1390.8	1897.0	2654.6	4116.5	6615.1	10484.1	16209.0	24087.5	34475.1	49492.2	74193.7
-7.5°	1405.5	1866.8	2577.7	3930.0	6217.9	9800.1	15031.1	21884.0	30446.6	41848.8	57147.2
-10°	1391.9	1808.7	2449.6	3617.1	5600.5	8702.8	13240.0	18975.2	26091.6	34541.5	44935.6
-12.5°	1339.6	1701.5	2240.6	3178.8	4800.8	7473.6	11437.9	16321.1	21588.2	27522.6	34705.1
-15°	1273.3	1585.9	2052.2	2878.2	4208.0	6255.4	9149.6	13111.0	17336.2	21842.0	26646.8
-17.5°	1221.8	1484.4	1870.5	2468.5	3446.7	5074.5	7348.9	10163.0	13268.0	16698.5	19545.7
-20°	1151.9	1359.5	1683.6	2172.0	2918.3	3996.8	5653.2	7697.7	9746.6	12158.5	14125.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1082.0	1262.8	1509.4	1866.8	2422.1	3236.9	4260.4	5625.5	7123.8	8508.3	9871.0
-25°	1017.1	1156.4	1355.9	1649.1	2025.8	2581.8	3310.2	4093.4	5081.0	5923.7	6858.9
-27.5°	964.6	1084.2	1231.4	1446.3	1738.6	2096.3	2617.9	3142.7	3662.0	4087.3	4731.2
-30°	913.9	1010.1	1133.2	1286.5	1505.6	1781.3	2119.8	2460.2	2760.0	3033.4	3368.7
-32.5°	864.0	942.4	1036.8	1164.0	1321.3	1528.4	1736.5	1980.5	2188.8	2381.1	2559.0
-35°	814.1	883.8	955.7	1063.0	1188.4	1335.6	1486.9	1652.2	1796.4	1925.9	2040.4
-37.5°	769.0	830.3	897.9	977.8	1078.8	1189.6	1313.2	1433.2	1528.5	1612.6	1682.0
-40°	731.0	786.7	844.6	908.5	985.4	1072.9	1177.8	1277.8	1344.5	1395.9	1438.1
-42.5°	697.0	746.0	795.3	849.6	908.7	984.4	1067.2	1149.8	1195.1	1234.8	1265.3
-45°	669.7	707.4	748.8	795.2	847.5	910.8	976.0	1033.1	1073.3	1107.5	1132.9
-47.5°	633.7	669.9	705.9	744.1	792.8	845.7	899.5	943.4	978.5	1008.3	1027.7
-50°	593.9	632.1	665.0	698.7	743.5	788.3	831.6	867.9	901.4	930.6	945.9
-52.5°	552.9	593.8	628.3	661.2	698.8	737.8	776.9	808.0	837.3	864.8	876.4
-55°	523.3	561.0	596.7	627.5	658.5	689.8	721.7	753.9	783.0	809.0	816.8
-57.5°	491.3	529.7	565.0	592.7	620.7	648.9	678.1	707.2	735.2	760.2	766.6
-60°	452.2	493.9	525.3	551.4	578.6	606.5	631.9	657.8	683.9	705.8	712.8
-62.5°	402.6	440.6	471.6	499.1	525.4	549.6	574.4	598.6	622.0	639.3	645.0
-65°	343.2	375.5	407.4	436.2	462.1	485.5	508.4	530.5	551.7	566.9	574.5
-67.5°	296.3	319.5	345.2	370.0	396.1	420.1	440.7	460.2	478.4	491.3	499.3
-70°	251.1	273.2	297.2	320.9	343.5	363.1	379.5	395.5	411.1	422.5	431.1
-72.5°	207.9	226.6	246.6	267.5	288.1	305.8	320.9	335.2	348.6	358.4	366.3
-75°	168.8	184.2	201.1	218.0	234.8	248.8	261.4	273.7	285.7	294.3	301.6
-77.5°	133.9	147.0	160.2	173.5	186.7	196.8	206.1	215.1	223.9	230.8	237.0
-80°	99.3	109.5	120.1	130.6	141.2	148.9	155.9	162.5	168.7	172.7	176.3
-82.5°	67.9	75.0	82.4	89.8	97.3	103.0	108.6	114.0	119.3	121.2	122.6
-85°	43.4	46.9	50.8	54.8	59.1	62.3	65.3	68.1	70.9	73.4	75.8
-87.5°	24.1	24.8	25.5	26.1	26.6	28.8	31.0	33.2	35.4	35.8	36.1
-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: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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	0.7	1.6
62.5°	6.6	7.0	7.2	7.3	7.2	7.0	6.6	6.0	5.2	5.7	6.6
60°	25.1	22.3	21.8	22.0	21.8	22.3	25.1	26.7	26.9	31.3	32.6
57.5°	111.6	124.1	127.6	124.8	127.6	124.1	111.6	98.3	85.1	83.4	85.2
55°	162.5	166.4	168.2	168.8	168.2	166.4	162.5	156.1	146.5	137.4	129.9
52.5°	199.3	198.0	197.7	198.2	197.7	198.0	199.3	198.5	194.7	185.7	171.5
50°	299.5	294.0	291.9	293.6	291.9	294.0	299.5	298.2	282.7	255.7	234.0
47.5°	382.8	384.5	387.1	389.0	387.1	384.5	382.8	380.9	365.8	336.7	305.8
45°	447.0	450.9	453.6	455.0	453.6	450.9	447.0	441.1	420.1	389.7	355.1
42.5°	512.6	513.0	512.3	513.7	512.3	513.0	512.6	507.5	484.1	452.5	416.3
40°	605.1	607.1	605.0	601.8	605.0	607.1	605.1	597.3	577.9	538.9	498.0
37.5°	790.9	793.6	784.8	777.9	784.8	793.6	790.9	774.1	745.3	692.6	640.4
35°	1093.7	1125.1	1140.0	1144.9	1140.0	1125.1	1093.7	1051.2	1004.7	953.6	831.6
32.5°	1441.5	1485.2	1507.1	1526.5	1507.1	1485.2	1441.5	1383.4	1299.4	1184.5	1036.0
30°	1939.9	2020.4	2055.9	2106.3	2055.9	2020.4	1939.9	1838.6	1684.2	1501.5	1292.3
27.5°	2752.9	2894.5	2972.8	3045.6	2972.8	2894.5	2752.9	2578.5	2271.3	2014.0	1664.7
25°	4142.5	4415.2	4591.6	4674.9	4591.6	4415.2	4142.5	3789.4	3303.4	2839.1	2266.4
22.5°	6444.5	6947.0	7334.6	7412.3	7334.6	6947.0	6444.5	5685.5	4901.2	4086.7	3205.7
20°	10018.9	10737.9	11322.9	11617.5	11322.9	10737.9	10018.9	8730.2	7402.0	6022.1	4726.5
17.5°	16606.7	18102.3	18785.4	18897.6	18785.4	18102.3	16606.7	14173.0	12129.8	9789.6	7207.2
15°	26407.3	28938.1	30544.7	31579.2	30544.7	28938.1	26407.3	22250.5	18376.5	14708.6	10684.0
12.5°	37589.6	44780.9	48872.8	50432.9	48872.8	44780.9	37589.6	31035.2	24738.5	19210.6	14171.1
10°	52766.5	69695.7	79461.1	84375.2	79461.1	69695.7	52766.5	42044.3	31978.7	23797.7	17100.9
7.5°	78525.2	104672.6	133642.8	147045.7	133642.8	104672.6	78525.2	53677.3	39593.0	28754.8	20382.6
5°	105603.8	163012.8	213401.2	237530.5	213401.2	163012.8	105603.8	71550.5	47681.4	33160.2	23256.4
2.5°	136726.3	214147.9	285730.3	315829.1	285730.3	214147.9	136726.3	84628.4	53661.5	35782.6	24882.2
0°	148704.3	238888.2	317175.8	346718.5	317175.8	238888.2	148704.3	87442.9	54740.8	36723.8	25179.7
-2.5°	138578.0	217898.6	286960.2	320716.8	286960.2	217898.6	138578.0	84299.5	54149.4	36688.4	25417.3
-5°	110107.3	163911.3	215058.0	242565.0	215058.0	163911.3	110107.3	74193.7	49492.2	34475.1	24087.5
-7.5°	80812.0	110102.2	138507.3	148440.1	138507.3	110102.2	80812.0	57147.2	41848.8	30446.6	21884.0
-10°	56262.9	73035.5	84107.3	87266.7	84107.3	73035.5	56262.9	44935.6	34541.5	26091.6	18975.2
-12.5°	41713.3	49049.6	54154.1	55041.7	54154.1	49049.6	41713.3	34705.1	27522.6	21588.2	16321.1
-15°	30887.6	34618.4	37251.1	37428.3	37251.1	34618.4	30887.6	26646.8	21842.0	17336.2	13111.0
-17.5°	22579.0	25083.3	26411.9	26317.3	26411.9	25083.3	22579.0	19545.7	16698.5	13268.0	10163.0
-20°	16145.3	17654.8	18725.3	18516.0	18725.3	17654.8	16145.3	14125.5	12158.5	9746.6	7697.7



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 CATALOG NUMBER: GFLD-SA5D-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°	11257.7	12259.7	12887.1	12725.6	12887.1	12259.7	11257.7	9871.0	8508.3	7123.8	5625.5
-25°	7649.4	8195.4	8506.1	8454.4	8506.1	8195.4	7649.4	6858.9	5923.7	5081.0	4093.4
-27.5°	5212.6	5501.0	5597.3	5592.2	5597.3	5501.0	5212.6	4731.2	4087.3	3662.0	3142.7
-30°	3618.0	3811.8	3922.6	3852.9	3922.6	3811.8	3618.0	3368.7	3033.4	2760.0	2460.2
-32.5°	2696.5	2805.9	2869.1	2803.5	2869.1	2805.9	2696.5	2559.0	2381.1	2188.8	1980.5
-35°	2125.1	2180.4	2202.7	2165.0	2202.7	2180.4	2125.1	2040.4	1925.9	1796.4	1652.2
-37.5°	1732.6	1765.0	1776.0	1754.0	1776.0	1765.0	1732.6	1682.0	1612.6	1528.5	1433.2
-40°	1468.1	1488.0	1492.9	1475.1	1492.9	1488.0	1468.1	1438.1	1395.9	1344.5	1277.8
-42.5°	1284.5	1296.4	1299.2	1291.6	1299.2	1296.4	1284.5	1265.3	1234.8	1195.1	1149.8
-45°	1148.0	1158.2	1160.1	1152.2	1160.1	1158.2	1148.0	1132.9	1107.5	1073.3	1033.1
-47.5°	1037.5	1043.8	1045.4	1042.1	1045.4	1043.8	1037.5	1027.7	1008.3	978.5	943.4
-50°	952.8	957.1	957.6	954.1	957.6	957.1	952.8	945.9	930.6	901.4	867.9
-52.5°	881.9	885.0	887.0	888.0	887.0	885.0	881.9	876.4	864.8	837.3	808.0
-55°	822.3	826.2	828.5	829.3	828.5	826.2	822.3	816.8	809.0	783.0	753.9
-57.5°	771.5	775.1	777.2	777.9	777.2	775.1	771.5	766.6	760.2	735.2	707.2
-60°	718.6	722.9	725.7	726.6	725.7	722.9	718.6	712.8	705.8	683.9	657.8
-62.5°	648.7	650.6	652.4	653.2	652.4	650.6	648.7	645.0	639.3	622.0	598.6
-65°	580.2	584.1	586.4	587.1	586.4	584.1	580.2	574.5	566.9	551.7	530.5
-67.5°	505.9	511.0	516.5	521.1	516.5	511.0	505.9	499.3	491.3	478.4	460.2
-70°	438.6	445.1	447.2	447.7	447.2	445.1	438.6	431.1	422.5	411.1	395.5
-72.5°	373.3	379.4	384.6	389.0	384.6	379.4	373.3	366.3	358.4	348.6	335.2
-75°	308.1	313.8	315.2	315.6	315.2	313.8	308.1	301.6	294.3	285.7	273.7
-77.5°	242.8	248.0	249.2	249.5	249.2	248.0	242.8	237.0	230.8	223.9	215.1
-80°	179.6	182.5	186.9	190.8	186.9	182.5	179.6	176.3	172.7	168.7	162.5
-82.5°	123.6	124.3	124.7	124.8	124.7	124.3	123.6	122.6	121.2	119.3	114.0
-85°	78.1	80.4	80.6	80.7	80.6	80.4	78.1	75.8	73.4	70.9	68.1
-87.5°	36.4	36.6	36.7	36.7	36.7	36.6	36.4	36.1	35.8	35.4	33.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627688 (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	0.5
65°	1.8	1.3	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.0
62.5°	7.4	8.1	8.3	7.6	5.7	3.6	4.3	5.1	3.5	0.7	2.5
60°	27.6	17.6	24.9	27.4	24.1	17.3	17.6	16.4	13.5	10.8	7.1
57.5°	90.4	87.4	71.7	62.0	59.0	52.3	43.1	34.3	30.3	24.4	17.2
55°	124.8	119.7	111.1	99.3	86.1	82.1	74.7	64.1	53.8	41.7	33.8
52.5°	153.3	154.7	149.8	135.6	123.7	115.8	105.6	95.5	83.0	71.2	55.6
50°	219.1	210.7	202.8	194.7	176.0	157.8	145.0	131.1	113.2	99.9	86.6
47.5°	279.8	267.3	258.9	248.1	226.8	207.7	187.5	167.8	145.5	124.7	111.6
45°	331.6	313.6	297.3	284.0	265.6	243.7	225.7	203.9	178.5	154.3	131.7
42.5°	384.3	356.9	335.0	321.5	299.2	276.7	256.4	239.7	212.1	183.9	161.0
40°	454.4	399.5	379.0	373.7	352.5	316.6	299.5	281.1	251.8	214.9	192.4
37.5°	569.9	496.4	460.4	441.5	422.2	384.9	351.5	327.4	301.0	259.5	227.4
35°	733.5	647.3	568.6	528.1	505.3	454.5	410.6	377.4	346.0	306.6	265.0
32.5°	877.1	779.9	686.0	615.0	564.1	517.2	468.0	427.1	385.8	345.6	304.6
30°	1086.6	924.2	794.8	694.9	629.3	571.2	519.0	469.5	422.8	380.5	339.3
27.5°	1371.3	1112.1	936.2	795.6	697.9	628.7	569.3	511.5	458.3	412.7	370.4
25°	1790.0	1375.5	1112.7	923.0	781.2	692.4	624.5	557.7	495.6	443.6	407.8
22.5°	2391.3	1825.1	1392.1	1060.7	902.6	790.1	689.8	605.8	535.3	488.9	446.5
20°	3426.9	2443.1	1803.0	1377.5	1086.4	905.8	768.8	670.0	598.0	538.2	485.6
17.5°	5197.1	3600.8	2334.6	1773.8	1359.4	1078.9	881.4	750.2	659.6	587.9	525.1
15°	7366.3	4941.8	3263.6	2285.4	1666.0	1223.0	987.0	829.8	722.7	640.0	564.9
12.5°	9625.2	6217.9	4033.1	2674.0	1885.4	1376.5	1097.9	920.5	785.7	677.6	591.1
10°	11587.8	7529.2	4808.5	3133.2	2133.3	1524.0	1185.7	977.7	823.3	704.6	613.3
7.5°	13756.1	8870.3	5522.5	3469.3	2338.1	1642.2	1245.0	1016.1	854.5	727.2	631.7
5°	15362.5	9894.0	6126.3	3775.9	2492.0	1732.5	1291.3	1043.6	878.8	745.2	646.2
2.5°	16440.3	10606.9	6505.3	3986.9	2587.2	1801.6	1328.5	1069.4	897.7	763.5	662.4
0°	16776.7	10678.1	6795.8	4117.1	2649.3	1864.1	1357.7	1093.5	910.0	777.9	675.2
-2.5°	16879.4	10800.5	6766.7	4145.6	2670.7	1897.5	1370.1	1098.0	919.5	783.4	677.0
-5°	16209.0	10484.1	6615.1	4116.5	2654.6	1897.0	1390.8	1106.0	925.0	785.3	675.4
-7.5°	15031.1	9800.1	6217.9	3930.0	2577.7	1866.8	1405.5	1116.3	930.0	791.0	680.7
-10°	13240.0	8702.8	5600.5	3617.1	2449.6	1808.7	1391.9	1110.7	926.8	790.0	681.9
-12.5°	11437.9	7473.6	4800.8	3178.8	2240.6	1701.5	1339.6	1088.0	915.2	781.9	678.7
-15°	9149.6	6255.4	4208.0	2878.2	2052.2	1585.9	1273.3	1052.4	895.6	767.4	671.0
-17.5°	7348.9	5074.5	3446.7	2468.5	1870.5	1484.4	1221.8	1023.5	872.5	752.6	660.6
-20°	5653.2	3996.8	2918.3	2172.0	1683.6	1359.5	1151.9	980.9	845.9	737.3	650.8



REPORT NUMBER: P627688 (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°
-22.5°	4260.4	3236.9	2422.1	1866.8	1509.4	1262.8	1082.0	933.5	813.6	715.4	637.9
-25°	3310.2	2581.8	2025.8	1649.1	1355.9	1156.4	1017.1	896.0	788.0	693.7	622.4
-27.5°	2617.9	2096.3	1738.6	1446.3	1231.4	1084.2	964.6	857.0	760.5	677.3	606.7
-30°	2119.8	1781.3	1505.6	1286.5	1133.2	1010.1	913.9	823.8	734.8	656.3	589.8
-32.5°	1736.5	1528.4	1321.3	1164.0	1036.8	942.4	864.0	788.2	703.4	634.6	572.1
-35°	1486.9	1335.6	1188.4	1063.0	955.7	883.8	814.1	743.1	674.1	610.1	552.0
-37.5°	1313.2	1189.6	1078.8	977.8	897.9	830.3	769.0	706.4	643.7	584.9	531.2
-40°	1177.8	1072.9	985.4	908.5	844.6	786.7	731.0	673.1	617.3	558.4	508.9
-42.5°	1067.2	984.4	908.7	849.6	795.3	746.0	697.0	646.6	591.8	536.1	483.8
-45°	976.0	910.8	847.5	795.2	748.8	707.4	669.7	619.3	565.8	510.1	456.9
-47.5°	899.5	845.7	792.8	744.1	705.9	669.9	633.7	589.2	533.0	480.5	435.2
-50°	831.6	788.3	743.5	698.7	665.0	632.1	593.9	547.4	499.0	455.7	413.1
-52.5°	776.9	737.8	698.8	661.2	628.3	593.8	552.9	512.7	471.3	430.7	391.5
-55°	721.7	689.8	658.5	627.5	596.7	561.0	523.3	483.3	442.8	404.8	364.7
-57.5°	678.1	648.9	620.7	592.7	565.0	529.7	491.3	452.3	410.5	372.1	334.4
-60°	631.9	606.5	578.6	551.4	525.3	493.9	452.2	412.0	373.4	337.0	300.6
-62.5°	574.4	549.6	525.4	499.1	471.6	440.6	402.6	365.6	332.2	300.5	267.8
-65°	508.4	485.5	462.1	436.2	407.4	375.5	343.2	316.0	290.2	263.4	234.6
-67.5°	440.7	420.1	396.1	370.0	345.2	319.5	296.3	273.0	249.0	224.3	198.5
-70°	379.5	363.1	343.5	320.9	297.2	273.2	251.1	229.4	207.1	186.4	166.6
-72.5°	320.9	305.8	288.1	267.5	246.6	226.6	207.9	190.2	172.8	155.7	138.1
-75°	261.4	248.8	234.8	218.0	201.1	184.2	168.8	154.5	139.8	124.8	109.8
-77.5°	206.1	196.8	186.7	173.5	160.2	147.0	133.9	121.0	108.9	97.6	87.2
-80°	155.9	148.9	141.2	130.6	120.1	109.5	99.3	90.4	82.2	74.6	67.3
-82.5°	108.6	103.0	97.3	89.8	82.4	75.0	67.9	62.5	57.2	52.2	47.3
-85°	65.3	62.3	59.1	54.8	50.8	46.9	43.4	40.4	37.3	34.2	31.1
-87.5°	31.0	28.8	26.6	26.1	25.5	24.8	24.1	21.8	19.7	17.6	15.6
-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: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.5	0.5
70°	0.0	0.0	0.0	0.6	0.7	0.0	0.0	1.0	2.7	3.1	2.2
67.5°	0.0	0.0	0.0	1.5	2.5	2.1	0.5	1.2	3.0	4.7	4.1
65°	2.5	1.7	0.1	1.9	3.6	4.7	3.6	2.2	3.2	4.9	6.1
62.5°	4.3	5.5	4.1	3.0	4.0	5.8	6.8	4.6	3.8	5.2	6.8
60°	4.8	6.6	7.4	5.8	5.1	6.2	7.3	6.7	5.3	5.5	7.1
57.5°	12.9	8.3	8.3	7.9	6.6	6.8	7.3	7.3	6.5	6.1	7.3
55°	24.0	17.5	12.3	9.9	8.3	7.2	7.5	7.3	7.3	6.7	7.3
52.5°	41.7	30.3	22.2	15.0	11.2	8.3	8.3	7.3	7.3	7.1	7.3
50°	66.4	47.7	35.0	25.2	15.7	12.3	9.5	8.5	7.3	7.3	7.3
47.5°	97.1	71.3	51.1	36.8	25.8	16.6	13.1	10.1	7.3	7.3	7.3
45°	119.8	99.5	71.2	51.5	36.3	25.0	17.6	12.1	9.1	7.6	7.3
42.5°	142.2	123.8	96.8	66.0	49.9	34.5	22.5	16.2	11.1	8.0	7.6
40°	170.7	147.7	121.3	90.0	64.8	43.8	30.5	20.9	13.5	9.3	8.2
37.5°	200.2	174.4	145.7	113.0	81.7	58.1	38.7	25.8	17.0	11.9	8.9
35°	233.2	202.3	169.7	135.0	101.8	72.8	46.6	31.7	21.6	14.6	9.8
32.5°	266.5	229.0	192.2	156.5	120.5	87.9	57.7	39.2	26.1	17.5	10.8
30°	298.9	255.5	212.8	176.9	138.3	104.0	71.6	47.5	30.4	20.4	12.2
27.5°	328.3	281.4	232.8	195.1	156.1	119.0	85.7	56.4	34.6	23.7	14.6
25°	359.1	307.8	255.7	211.4	173.0	134.2	98.6	65.9	40.7	27.2	17.0
22.5°	394.1	334.4	277.7	226.0	190.7	149.0	111.1	77.1	48.1	30.5	19.3
20°	431.6	360.8	299.8	246.8	207.2	164.2	123.4	87.5	55.6	33.6	21.7
17.5°	470.1	389.6	326.5	270.6	223.6	178.5	135.2	96.9	63.1	36.6	24.0
15°	496.2	418.6	350.6	292.8	240.0	191.6	146.3	105.5	70.6	39.3	26.3
12.5°	518.0	443.5	371.8	313.4	256.2	203.7	156.7	113.1	77.8	43.0	28.5
10°	537.3	464.5	390.3	332.2	271.9	214.5	166.2	119.9	84.5	47.7	30.5
7.5°	553.9	481.8	406.2	349.3	286.8	225.5	174.1	125.9	90.3	52.6	32.4
5°	567.9	496.7	419.4	360.3	300.6	237.1	180.8	131.1	95.2	57.3	34.0
2.5°	579.0	510.4	430.8	368.3	312.7	247.6	186.4	135.6	99.3	61.9	35.4
0°	587.1	521.1	440.3	374.3	322.9	256.9	190.8	139.4	102.7	66.1	36.7
-2.5°	592.4	522.9	450.4	381.2	329.0	264.5	199.7	144.2	105.4	69.9	38.9
-5°	594.7	522.7	458.0	386.5	333.5	270.7	207.2	148.1	107.6	73.1	40.9
-7.5°	598.0	525.0	462.1	390.7	336.5	275.4	212.9	151.0	109.2	75.7	42.7
-10°	599.3	527.5	463.1	395.9	338.9	278.8	216.7	152.8	110.4	77.6	44.3
-12.5°	597.6	527.3	462.9	398.8	340.1	280.8	218.6	155.7	111.5	78.8	45.7
-15°	592.9	524.2	461.7	399.1	339.9	281.6	219.2	158.3	113.7	79.1	46.8
-17.5°	585.6	518.1	460.1	396.6	338.5	281.2	218.6	159.5	114.9	78.5	47.9
-20°	578.3	512.5	457.6	391.4	335.9	279.6	216.7	159.2	114.9	77.4	48.9

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	568.7	507.3	449.5	386.0	332.3	277.1	213.6	157.4	113.6	75.7	49.5
-25°	556.7	499.4	440.2	381.9	327.7	271.9	210.1	153.9	110.9	73.3	49.7
-27.5°	544.6	488.7	430.4	376.1	321.3	265.5	205.3	150.7	107.2	70.4	49.6
-30°	530.6	476.6	421.8	368.3	312.4	256.6	198.6	145.6	103.2	68.9	49.0
-32.5°	515.3	464.4	412.2	356.5	301.2	246.6	190.0	138.7	98.6	68.0	48.5
-35°	499.9	450.9	400.5	341.8	289.1	235.8	181.3	129.9	93.4	66.7	47.8
-37.5°	481.8	434.0	381.6	326.0	276.2	224.3	173.2	124.9	87.5	64.7	46.9
-40°	461.1	413.4	359.9	311.2	262.7	212.0	164.4	120.3	83.8	62.3	45.8
-42.5°	437.9	390.3	342.5	296.0	248.5	201.6	155.4	114.6	82.1	60.3	44.5
-45°	414.1	369.5	326.3	280.4	234.2	190.7	147.7	108.3	79.6	58.5	43.1
-47.5°	391.8	351.8	308.6	263.6	221.7	179.6	138.8	104.2	76.1	56.5	41.6
-50°	373.1	332.4	289.2	246.5	207.1	168.1	129.6	98.8	73.3	54.4	39.8
-52.5°	351.4	310.3	268.0	227.7	191.5	155.4	121.7	92.3	69.2	51.6	37.7
-55°	325.6	284.9	244.4	209.1	175.2	143.3	112.5	85.6	64.0	48.6	35.2
-57.5°	295.5	256.0	222.8	190.6	158.8	129.8	102.2	77.6	59.4	45.1	32.4
-60°	264.6	232.6	202.2	170.8	141.6	115.2	90.5	69.5	54.6	41.2	29.2
-62.5°	237.1	207.9	178.0	149.2	123.7	99.9	78.4	63.2	49.4	36.9	25.8
-65°	206.3	178.5	151.8	128.2	105.5	85.5	70.4	56.5	43.8	32.3	22.8
-67.5°	173.1	150.9	128.4	107.0	90.2	75.5	61.8	49.2	37.7	27.4	20.9
-70°	146.3	125.6	107.1	91.9	77.9	64.9	52.7	41.6	31.4	24.5	18.8
-72.5°	120.7	104.7	90.2	77.1	65.1	53.7	43.2	34.1	27.3	21.5	16.6
-75°	96.1	84.6	73.1	61.9	51.7	42.4	35.5	28.7	23.0	18.2	14.5
-77.5°	77.0	66.7	56.3	48.3	42.0	35.6	29.2	23.0	19.1	15.8	12.5
-80°	59.3	52.1	45.8	40.3	34.5	28.7	23.7	19.4	16.5	13.5	10.4
-82.5°	42.6	38.8	35.5	32.3	27.7	23.6	19.8	16.5	13.8	11.1	8.1
-85°	29.0	27.2	25.6	24.1	21.0	18.3	15.2	12.4	9.8	7.5	5.5
-87.5°	14.9	14.1	13.4	12.6	10.8	9.2	7.6	6.2	4.9	3.8	2.7
-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: P627688 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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	0.2	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	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.8	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.1	0.8	0.0	0.2	1.1	0.0
70°	0.8	1.6	1.5	0.1	0.3	1.3	0.0
67.5°	2.6	2.3	2.2	0.9	0.4	1.5	0.0
65°	4.2	3.1	3.0	1.6	0.6	1.7	0.0
62.5°	5.7	4.1	3.7	2.3	0.8	1.9	0.0
60°	7.1	5.1	4.6	3.1	1.0	2.1	0.0
57.5°	7.3	6.0	5.1	3.8	1.6	2.3	0.0
55°	7.3	6.7	5.6	4.6	2.2	2.5	0.0
52.5°	7.3	7.3	6.1	5.4	2.8	2.7	0.0
50°	7.3	7.3	6.4	6.2	3.3	2.9	0.0
47.5°	7.3	7.3	6.8	6.9	3.8	3.1	0.0
45°	7.3	7.3	7.0	7.1	4.3	3.3	0.0
42.5°	7.3	7.3	7.2	7.3	4.7	3.6	0.0
40°	7.3	7.3	7.3	7.3	5.1	3.8	0.0
37.5°	7.3	7.3	7.3	7.3	5.5	4.0	0.0
35°	7.3	7.3	7.3	7.3	5.8	4.3	0.0
32.5°	7.5	7.3	7.3	7.3	6.1	4.5	0.0
30°	8.3	7.3	7.3	7.3	6.3	4.7	0.0
27.5°	9.1	7.3	7.3	7.3	6.5	5.0	0.0
25°	10.0	7.3	7.3	7.3	6.7	5.2	0.0
22.5°	10.9	7.4	7.3	7.3	6.9	5.5	0.0
20°	11.9	8.0	7.3	7.3	7.0	5.7	0.0
17.5°	13.2	8.6	7.3	7.3	7.1	5.9	0.0
15°	14.7	9.4	7.3	7.3	7.2	6.1	0.0
12.5°	16.1	10.2	7.3	7.3	7.2	6.4	0.0
10°	17.4	11.1	7.3	7.3	7.3	6.6	0.0
7.5°	18.7	12.0	7.3	7.3	7.3	6.8	0.0
5°	19.9	13.0	7.3	7.3	7.3	7.0	0.0
2.5°	21.0	13.8	7.3	7.3	7.3	7.1	0.0
0°	22.0	14.7	7.3	7.3	7.3	7.3	0.0
-2.5°	23.9	15.5	7.9	7.3	7.3	7.3	0.0
-5°	25.7	16.2	8.6	7.3	7.3	7.3	0.0
-7.5°	27.3	16.8	9.2	7.3	7.3	7.2	0.0
-10°	28.8	17.4	9.7	7.3	7.3	7.2	0.0
-12.5°	30.0	17.8	10.2	7.3	7.3	7.1	0.0
-15°	30.9	18.2	10.6	7.3	7.3	7.1	0.0
-17.5°	31.5	18.5	11.0	7.3	7.3	7.0	0.0
-20°	32.0	18.8	11.2	7.3	7.3	6.9	0.0

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CATALOG NUMBER: GFLD-SA5D-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.4	19.0	11.3	7.3	7.3	6.7	0.0
-25°	32.6	19.4	11.2	7.3	7.3	6.6	0.0
-27.5°	32.6	19.9	11.0	7.3	7.3	6.5	0.0
-30°	32.4	20.3	10.8	7.3	7.3	6.3	0.0
-32.5°	32.0	20.4	10.7	7.3	7.3	6.2	0.0
-35°	31.9	20.4	10.6	7.3	7.3	6.0	0.0
-37.5°	31.8	20.2	10.3	7.3	7.3	5.8	0.0
-40°	31.4	19.8	9.9	7.3	7.3	5.6	0.0
-42.5°	30.8	19.2	9.9	7.4	7.3	5.4	0.0
-45°	29.8	18.4	10.1	7.6	7.3	5.2	0.0
-47.5°	28.6	17.4	10.3	7.7	7.3	4.9	0.0
-50°	27.1	16.3	10.4	7.8	7.3	4.7	0.0
-52.5°	25.4	14.9	10.4	7.9	7.3	4.4	0.0
-55°	23.5	14.5	10.4	7.9	7.3	4.2	0.0
-57.5°	21.2	14.2	10.2	7.9	7.3	3.9	0.0
-60°	19.0	13.7	10.0	7.9	7.3	3.6	0.0
-62.5°	18.0	13.1	9.7	7.8	6.7	3.4	0.0
-65°	16.9	12.5	9.4	7.7	6.2	3.1	0.0
-67.5°	15.7	11.7	8.9	7.5	5.6	2.8	0.0
-70°	14.3	10.8	8.5	7.3	5.0	2.5	0.0
-72.5°	12.7	9.8	8.0	6.6	4.4	2.2	0.0
-75°	11.1	8.8	7.4	5.7	3.8	1.9	0.0
-77.5°	9.3	7.7	6.3	4.7	3.2	1.6	0.0
-80°	7.5	6.3	5.0	3.8	2.5	1.3	0.0
-82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)