

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: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627728 (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-SA5E-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

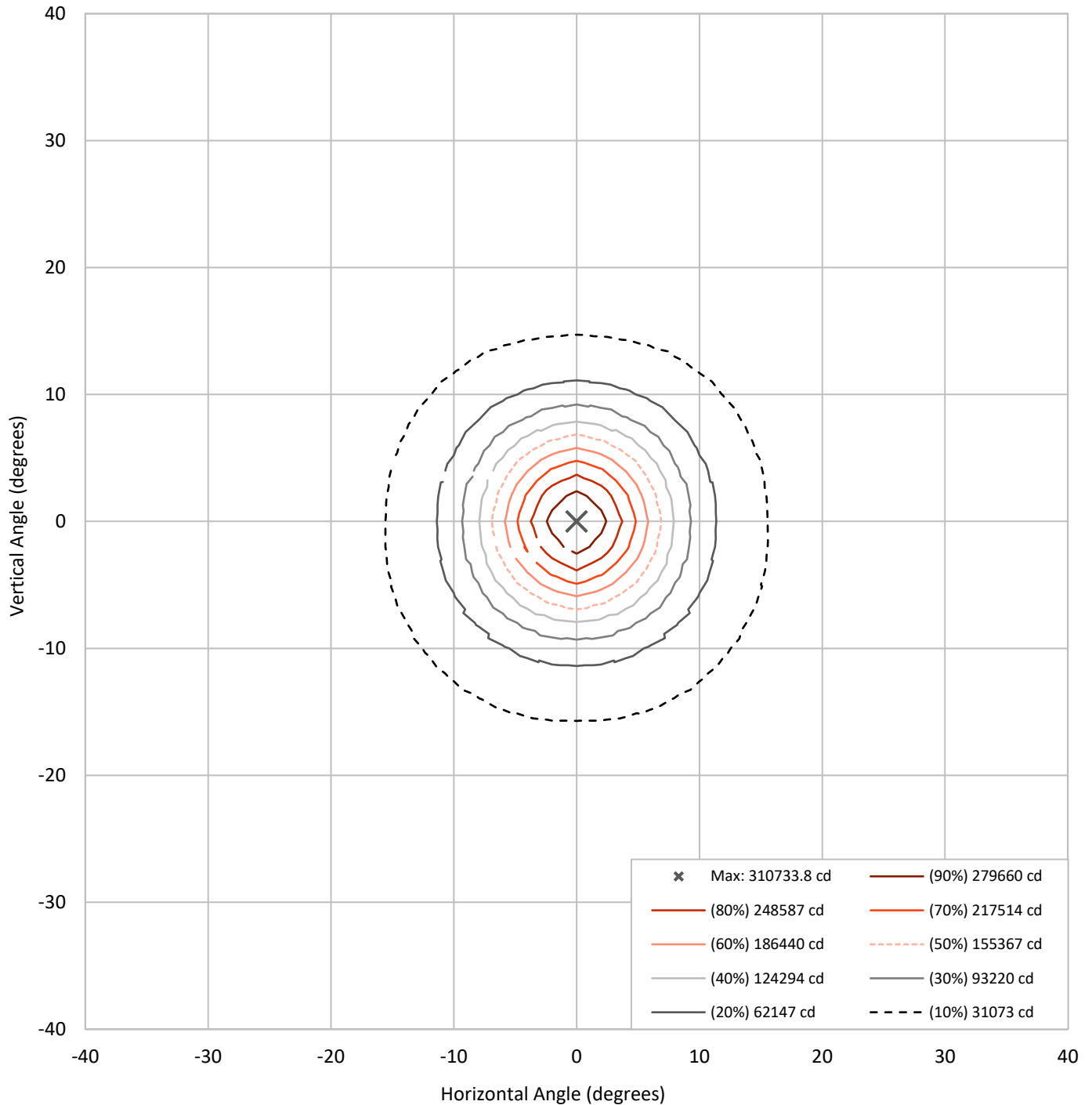
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30654.5 lumens	Max Intensity:	310733.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	9786.3 lumens	Field Lumens:	21797.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	313.7		
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		



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





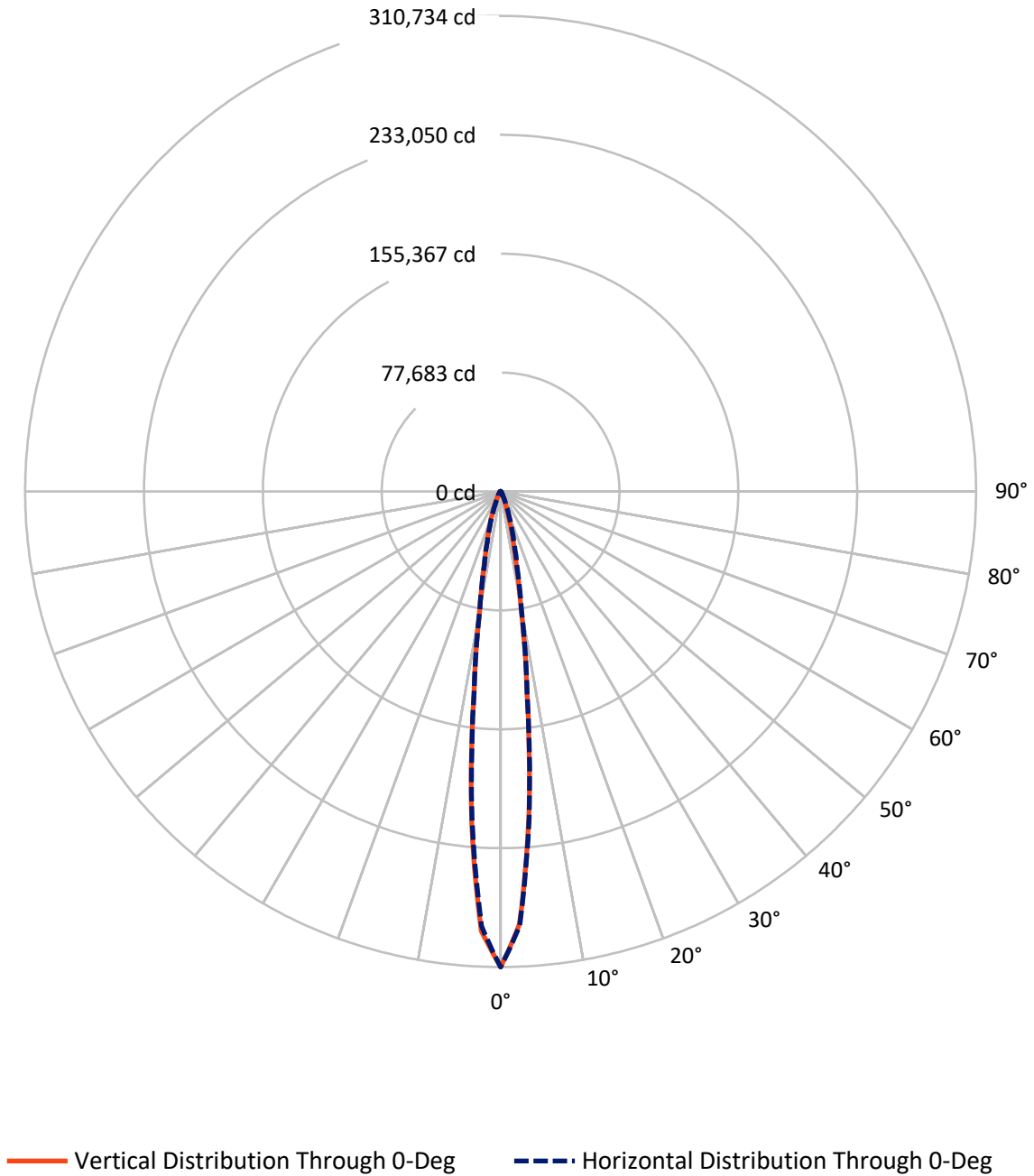
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Lumen Table

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	0.0	0.0	0.0	0.1									
50		0.1	0.2	0.8	1.7	2.7	3.6	4.4	4.4	3.6	2.7	1.7	0.8	0.2		0.1								
40	0.1	0.2	0.9	2.7	5.0	7.4	10.3	12.2	12.2	10.3	7.4	5.0	2.7	0.9	0.2	0.1								
30		0.4	2.2	5.2	9.3	14.7	24.9	31.7	31.7	24.9	14.7	9.3	5.2	2.2	0.4									
20	0.3	0.9	3.4	7.9	14.4	31.2	83.3	137.9	137.9	83.3	31.2	14.4	7.9	3.4	0.9	0.3								
10		1.3	4.7	10.9	23.7	93.2	393.0	863.7	863.7	393.0	93.2	23.7	10.9	4.7	1.3									
0	0.5	1.6	5.7	12.8	32.2	175.0	941.6	4222.9	4222.9	941.6	175.0	32.2	12.8	5.7	1.6	0.5								
-10		1.9	6.2	13.5	34.6	186.4	974.6	4294.5	4294.5	974.6	186.4	34.6	13.5	6.2	1.9									
-20	0.6	2.0	6.3	13.3	30.4	118.6	473.1	1011.9	1011.9	473.1	118.6	30.4	13.3	6.3	2.0	0.6								
-30		1.9	6.1	12.2	23.4	55.4	145.8	243.0	243.0	145.8	55.4	23.4	12.2	6.1	1.9									
-40	0.5	1.7	5.4	10.8	18.3	30.4	49.6	63.0	63.0	49.6	30.4	18.3	10.8	5.4	1.7	0.5								
-50		1.4	4.4	9.0	14.8	21.3	28.6	31.9	31.9	28.6	21.3	14.8	9.0	4.4	1.4									
-60	0.4	1.1	3.3	7.0	11.7	16.3	20.6	22.6	22.6	20.6	16.3	11.7	7.0	3.3	1.1	0.4								
-70		0.7	2.1	4.5	7.8	11.4	14.4	15.8	15.8	14.4	11.4	7.8	4.5	2.1	0.7									
-80	0.1	1.9	7.7	16.9	21.5	16.9	7.7	1.9	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

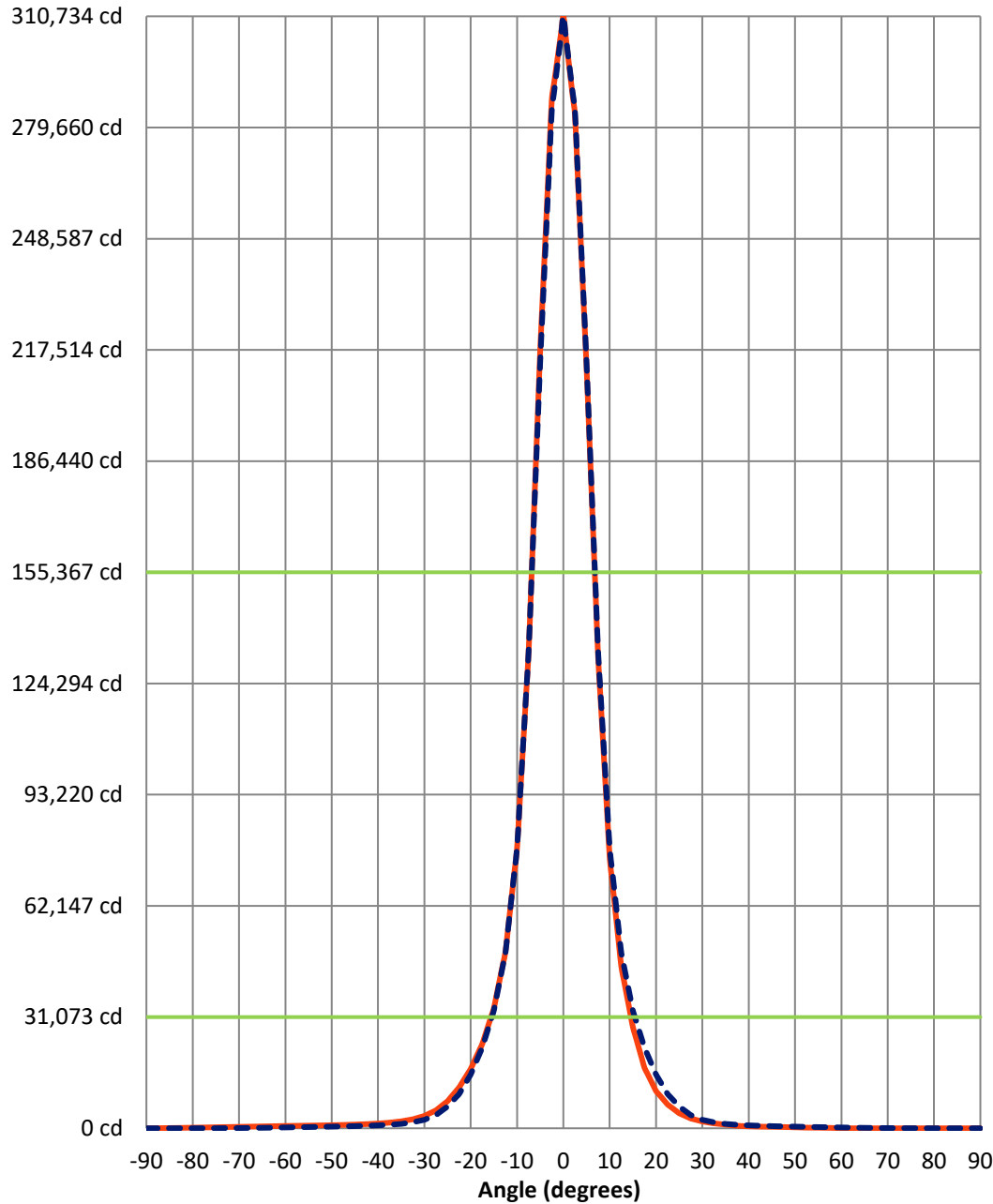
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 9786.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 21797.3
 Efficiency: 71.1%

Spill:
 Lumens: 8857.2
 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	0.6	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	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.5	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.5	0.8	2.0	2.8	2.5	0.9
67.5°	0.0	1.4	0.4	0.8	2.0	2.0	2.3	3.7	4.2	2.7	1.1
65°	0.0	1.5	0.5	1.4	2.7	2.8	3.8	5.5	4.5	2.9	2.0
62.5°	0.0	1.7	0.7	2.1	3.4	3.7	5.2	6.2	4.7	3.4	4.1
60°	0.0	1.9	0.9	2.8	4.1	4.6	6.5	6.4	5.0	4.8	6.0
57.5°	0.0	2.1	1.4	3.5	4.6	5.4	6.6	6.6	5.6	5.9	6.6
55°	0.0	2.2	2.0	4.2	5.1	6.1	6.6	6.6	6.1	6.6	6.6
52.5°	0.0	2.4	2.5	4.9	5.5	6.6	6.6	6.6	6.5	6.6	6.6
50°	0.0	2.6	3.0	5.6	5.8	6.6	6.6	6.6	6.6	6.6	7.7
47.5°	0.0	2.8	3.4	6.2	6.1	6.6	6.6	6.6	6.6	6.6	9.1
45°	0.0	3.0	3.9	6.4	6.4	6.6	6.6	6.6	6.8	8.2	10.9
42.5°	0.0	3.2	4.3	6.6	6.5	6.6	6.6	6.8	7.3	10.0	14.6
40°	0.0	3.4	4.6	6.6	6.6	6.6	6.6	7.4	8.4	12.1	18.8
37.5°	0.0	3.6	4.9	6.6	6.6	6.6	6.6	8.0	10.7	15.2	23.1
35°	0.0	3.9	5.2	6.6	6.6	6.6	6.6	8.8	13.1	19.4	28.3
32.5°	0.0	4.1	5.5	6.6	6.6	6.6	6.8	9.7	15.7	23.4	35.1
30°	0.0	4.3	5.7	6.6	6.6	6.6	7.5	11.0	18.3	27.3	42.5
27.5°	0.0	4.5	5.9	6.6	6.6	6.6	8.2	13.1	21.2	31.0	50.5
25°	0.0	4.7	6.1	6.6	6.6	6.6	9.0	15.2	24.3	36.5	59.0
22.5°	0.0	4.9	6.2	6.6	6.6	6.7	9.8	17.3	27.3	43.1	69.1
20°	0.0	5.1	6.3	6.6	6.6	7.2	10.7	19.4	30.1	49.8	78.3
17.5°	0.0	5.3	6.4	6.6	6.6	7.8	11.8	21.5	32.8	56.6	86.8
15°	0.0	5.5	6.5	6.6	6.6	8.5	13.2	23.5	35.3	63.2	94.5
12.5°	0.0	5.7	6.5	6.6	6.6	9.2	14.4	25.5	38.6	69.7	101.4
10°	0.0	5.9	6.6	6.6	6.6	10.0	15.6	27.3	42.8	75.7	107.4
7.5°	0.0	6.1	6.6	6.6	6.6	10.8	16.8	29.0	47.1	80.9	112.8
5°	0.0	6.3	6.6	6.6	6.6	11.6	17.8	30.5	51.4	85.4	117.5
2.5°	0.0	6.4	6.6	6.6	6.6	12.4	18.8	31.8	55.4	89.1	121.6
0°	0.0	6.6	6.6	6.6	6.6	13.2	19.7	32.9	59.2	92.1	125.0
-2.5°	0.0	6.6	6.6	6.6	7.2	13.9	21.4	34.9	62.6	94.5	129.2
-5°	0.0	6.6	6.6	6.6	7.7	14.5	23.0	36.7	65.4	96.4	132.7
-7.5°	0.0	6.5	6.6	6.6	8.3	15.1	24.5	38.3	67.8	97.9	135.3
-10°	0.0	6.5	6.6	6.6	8.8	15.6	25.8	39.7	69.5	98.9	136.9
-12.5°	0.0	6.4	6.6	6.6	9.2	16.0	26.9	40.9	70.6	99.9	139.5
-15°	0.0	6.4	6.6	6.6	9.6	16.3	27.7	41.9	70.8	101.9	141.9
-17.5°	0.0	6.3	6.6	6.6	9.9	16.6	28.3	42.9	70.3	102.9	143.0
-20°	0.0	6.2	6.6	6.6	10.0	16.8	28.6	43.8	69.3	102.9	142.7

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REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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	6.1	6.6	6.6	10.1	17.0	29.0	44.3	67.7	101.7	141.1
-25°	0.0	6.0	6.6	6.6	10.1	17.4	29.2	44.5	65.7	99.4	138.0
-27.5°	0.0	5.9	6.6	6.6	9.9	17.9	29.2	44.4	63.0	96.0	135.1
-30°	0.0	5.7	6.6	6.6	9.7	18.2	29.0	43.9	61.7	92.5	130.5
-32.5°	0.0	5.6	6.6	6.6	9.7	18.3	28.7	43.4	60.9	88.3	124.3
-35°	0.0	5.4	6.6	6.6	9.5	18.3	28.6	42.8	59.7	83.6	116.4
-37.5°	0.0	5.2	6.6	6.6	9.3	18.1	28.5	42.0	58.0	78.4	111.9
-40°	0.0	5.1	6.6	6.6	9.0	17.7	28.1	41.0	55.8	75.0	107.8
-42.5°	0.0	4.9	6.6	6.7	8.9	17.2	27.6	39.8	54.0	73.5	102.7
-45°	0.0	4.7	6.6	6.8	9.1	16.5	26.7	38.6	52.4	71.3	97.1
-47.5°	0.0	4.5	6.6	7.0	9.3	15.6	25.7	37.3	50.6	68.2	93.3
-50°	0.0	4.2	6.6	7.1	9.4	14.6	24.3	35.7	48.7	65.6	88.5
-52.5°	0.0	4.0	6.6	7.1	9.4	13.4	22.8	33.7	46.2	62.0	82.7
-55°	0.0	3.8	6.6	7.1	9.3	13.0	21.0	31.5	43.5	57.3	76.7
-57.5°	0.0	3.5	6.6	7.1	9.2	12.7	19.0	29.0	40.4	53.2	69.5
-60°	0.0	3.3	6.6	7.1	9.0	12.3	17.0	26.2	36.9	48.9	62.3
-62.5°	0.0	3.0	6.1	7.0	8.8	11.8	16.2	23.1	33.1	44.3	56.7
-65°	0.0	2.8	5.6	6.9	8.4	11.2	15.2	20.4	29.0	39.2	50.6
-67.5°	0.0	2.5	5.0	6.8	8.1	10.5	14.1	18.7	24.6	33.8	44.1
-70°	0.0	2.3	4.5	6.6	7.7	9.7	12.8	16.9	22.0	28.1	37.2
-72.5°	0.0	2.0	4.0	5.9	7.2	8.9	11.4	14.9	19.2	24.5	30.6
-75°	0.0	1.7	3.4	5.1	6.7	7.9	10.0	13.0	16.3	20.7	25.7
-77.5°	0.0	1.4	2.9	4.3	5.7	7.0	8.4	11.2	14.2	17.1	20.6
-80°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	9.4	12.1	14.8	17.4
-82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	7.3	9.9	12.4	14.8
-85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.9	6.7	8.8	11.1
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.5	3.4	4.4	5.6
-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	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.2	4.3	3.3	1.7	0.1	1.6	2.2	1.8	0.2	0.0	0.0
62.5°	6.1	5.2	3.6	2.7	3.7	5.0	3.9	2.3	0.6	3.2	4.6
60°	6.6	5.6	4.6	5.2	6.7	5.9	4.3	6.4	9.7	12.2	14.7
57.5°	6.6	6.1	6.0	7.1	7.5	7.5	11.6	15.5	21.9	27.2	30.8
55°	6.8	6.5	7.5	8.9	11.1	15.7	21.5	30.3	37.3	48.2	57.4
52.5°	7.5	7.5	10.0	13.5	19.9	27.1	37.3	49.8	63.9	74.5	85.6
50°	8.5	11.0	14.1	22.6	31.3	42.7	59.5	77.7	89.5	101.4	117.4
47.5°	11.7	14.9	23.2	33.0	45.7	63.9	87.0	100.1	111.8	130.5	150.4
45°	15.8	22.4	32.5	46.1	63.7	89.2	107.4	118.1	138.4	160.0	182.7
42.5°	20.2	30.9	44.7	59.1	86.7	110.9	127.4	144.4	164.8	190.1	214.8
40°	27.3	39.3	58.1	80.6	108.7	132.4	153.0	172.5	192.6	225.6	251.9
37.5°	34.7	52.0	73.2	101.3	130.5	156.3	179.4	203.8	232.5	269.8	293.4
35°	41.7	65.2	91.2	121.0	152.1	181.3	208.9	237.5	274.8	310.0	338.2
32.5°	51.7	78.8	108.0	140.2	172.2	205.2	238.8	273.0	309.7	345.8	382.7
30°	64.2	93.2	124.0	158.6	190.7	228.9	267.9	304.1	341.0	379.0	420.8
27.5°	76.7	106.7	140.0	174.9	208.6	252.2	294.2	332.0	369.8	410.7	458.4
25°	88.4	120.3	155.1	189.5	229.1	275.8	321.8	365.5	397.6	444.2	499.9
22.5°	99.5	133.6	170.9	202.6	248.9	299.7	353.2	400.2	438.2	479.8	543.0
20°	110.6	147.2	185.7	221.3	268.7	323.3	386.8	435.2	482.4	536.0	600.5
17.5°	121.2	160.0	200.4	242.6	292.7	349.2	421.2	470.6	526.9	591.1	672.4
15°	131.2	171.8	215.1	262.5	314.2	375.1	444.6	506.2	573.5	647.6	743.7
12.5°	140.5	182.5	229.6	280.9	333.2	397.5	464.2	529.7	607.2	704.1	825.0
10°	149.0	192.3	243.7	297.8	349.8	416.3	481.5	549.7	631.5	737.9	876.2
7.5°	156.1	202.1	257.0	313.0	364.0	431.9	496.4	566.1	651.7	765.8	910.7
5°	162.1	212.5	269.4	322.9	375.9	445.2	508.9	579.2	667.9	787.6	935.4
2.5°	167.1	221.9	280.2	330.0	386.1	457.4	518.9	593.6	684.3	804.6	958.5
0°	171.0	230.2	289.4	335.4	394.6	467.0	526.2	605.1	697.2	815.6	980.0
-2.5°	179.0	237.1	294.9	341.6	403.7	468.6	531.0	606.7	702.1	824.1	984.0
-5°	185.7	242.6	298.9	346.4	410.4	468.4	533.0	605.4	703.7	829.0	991.2
-7.5°	190.8	246.8	301.5	350.2	414.1	470.6	535.9	610.1	708.9	833.5	1000.5
-10°	194.2	249.9	303.7	354.8	415.0	472.8	537.1	611.1	708.0	830.6	995.4
-12.5°	195.9	251.7	304.8	357.4	414.8	472.6	535.5	608.2	700.8	820.2	975.1
-15°	196.5	252.4	304.6	357.7	413.8	469.8	531.3	601.4	687.7	802.6	943.1
-17.5°	195.9	252.0	303.4	355.5	412.3	464.3	524.8	592.1	674.5	781.9	917.2
-20°	194.2	250.6	301.1	350.8	410.1	459.4	518.2	583.2	660.8	758.1	879.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	191.5	248.3	297.8	346.0	402.8	454.7	509.7	571.6	641.2	729.2	836.6
-25°	188.3	243.6	293.7	342.3	394.6	447.6	498.9	557.8	621.7	706.3	803.0
-27.5°	184.1	238.0	287.9	337.1	385.8	438.0	488.1	543.7	607.0	681.6	768.1
-30°	178.0	230.0	279.9	330.1	378.1	427.1	475.6	528.6	588.1	658.5	738.3
-32.5°	170.4	221.1	269.9	319.5	369.4	416.2	461.8	512.8	568.7	630.4	706.3
-35°	162.5	211.4	259.1	306.3	358.9	404.1	448.0	494.7	546.8	604.1	666.0
-37.5°	155.2	201.0	247.6	292.1	341.9	389.0	431.8	476.1	524.2	576.8	633.0
-40°	147.4	190.0	235.4	278.9	322.5	370.5	413.2	456.1	500.5	553.2	603.2
-42.5°	139.2	180.6	222.7	265.3	307.0	349.8	392.5	433.6	480.4	530.4	579.4
-45°	132.4	170.9	209.8	251.3	292.4	331.1	371.1	409.5	457.2	507.1	555.0
-47.5°	124.4	160.9	198.7	236.2	276.5	315.3	351.2	390.0	430.6	477.7	528.0
-50°	116.1	150.7	185.6	220.9	259.1	297.9	334.3	370.2	408.5	447.2	490.6
-52.5°	109.1	139.3	171.6	204.1	240.2	278.1	314.9	350.9	386.0	422.4	459.5
-55°	100.8	128.4	157.0	187.3	219.0	255.3	291.8	326.9	362.8	396.8	433.1
-57.5°	91.5	116.3	142.4	170.8	199.7	229.4	264.8	299.7	333.5	367.9	405.3
-60°	81.0	103.3	126.9	153.1	181.3	208.5	237.1	269.4	302.1	334.7	369.3
-62.5°	70.3	89.5	110.8	133.7	159.5	186.3	212.5	240.0	269.3	297.7	327.7
-65°	63.1	76.6	94.5	114.9	136.1	160.0	184.9	210.2	236.0	260.1	283.2
-67.5°	55.4	67.6	80.8	95.9	115.1	135.3	155.1	177.9	201.0	223.1	244.7
-70°	47.2	58.1	69.8	82.3	96.0	112.5	131.1	149.3	167.1	185.6	205.6
-72.5°	38.7	48.1	58.3	69.1	80.8	93.8	108.2	123.7	139.5	154.9	170.5
-75°	31.8	38.0	46.3	55.4	65.5	75.8	86.2	98.4	111.8	125.3	138.5
-77.5°	26.1	31.9	37.6	43.2	50.4	59.8	69.1	78.2	87.5	97.6	108.5
-80°	21.3	25.7	30.9	36.1	41.0	46.7	53.1	60.3	66.9	73.6	81.0
-82.5°	17.8	21.1	24.9	28.9	31.8	34.8	38.2	42.4	46.8	51.3	56.0
-85°	13.6	16.4	18.9	21.6	22.9	24.4	26.0	27.9	30.6	33.4	36.1
-87.5°	6.8	8.2	9.7	11.3	12.0	12.7	13.3	13.9	15.7	17.6	19.5
-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: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.9	3.2	5.1	6.8	7.5	7.3	6.7	6.0	5.1	4.7	5.4
60°	15.8	15.5	21.6	24.5	22.3	15.8	24.8	29.2	28.1	24.1	23.9
57.5°	38.6	46.9	52.9	55.5	64.3	78.4	81.0	76.4	74.7	76.3	88.1
55°	66.9	73.6	77.1	89.0	99.6	107.3	111.8	116.4	123.1	131.4	139.9
52.5°	94.6	103.8	110.9	121.6	134.2	138.6	137.4	153.7	166.4	174.5	177.8
50°	129.9	141.4	157.8	174.5	181.8	188.9	196.3	209.7	229.1	253.4	267.3
47.5°	168.0	186.1	203.3	222.4	232.0	239.6	250.7	274.0	301.7	327.8	341.4
45°	202.2	218.4	238.0	254.6	266.5	281.0	297.2	318.2	349.2	376.5	395.3
42.5°	229.8	247.9	268.2	288.2	300.2	319.9	344.4	373.0	405.5	433.9	454.8
40°	268.4	283.7	315.9	334.9	339.7	358.0	407.2	446.3	483.0	517.9	535.3
37.5°	315.0	345.0	378.4	395.7	412.6	444.9	510.8	573.9	620.7	667.9	693.7
35°	367.9	407.4	452.9	473.3	509.6	580.1	657.4	745.2	854.6	900.4	942.1
32.5°	419.5	463.5	505.5	551.2	614.8	698.9	786.1	928.5	1061.6	1164.6	1239.9
30°	465.1	511.9	564.0	622.8	712.3	828.3	973.8	1158.2	1345.7	1509.3	1647.8
27.5°	510.2	563.5	625.4	713.0	839.1	996.6	1228.9	1491.9	1804.9	2035.6	2310.9
25°	559.7	620.6	700.1	827.1	997.2	1232.7	1604.1	2031.1	2544.4	2960.6	3396.1
22.5°	618.3	708.0	808.8	950.6	1247.6	1635.7	2143.1	2872.9	3662.5	4392.5	5095.5
20°	689.0	811.7	973.6	1234.5	1615.8	2189.5	3071.3	4236.0	5397.1	6633.8	7824.2
17.5°	789.9	966.9	1218.3	1589.7	2092.2	3227.1	4657.7	6459.1	8773.5	10870.9	12702.1
15°	884.5	1096.0	1493.1	2048.2	2924.8	4428.9	6601.8	9575.1	13182.1	16469.3	19941.2
12.5°	983.9	1233.6	1689.7	2396.5	3614.6	5572.6	8626.3	12700.3	17216.8	22171.0	27814.1
10°	1062.6	1365.8	1911.9	2808.0	4309.5	6747.8	10385.1	15326.1	21327.8	28659.8	37680.7
7.5°	1115.8	1471.8	2095.4	3109.3	4949.3	7949.7	12328.4	18267.2	25770.4	35483.7	48106.4
5°	1157.3	1552.7	2233.4	3384.0	5490.5	8867.1	13768.1	20842.7	29718.7	42732.8	64124.6
2.5°	1190.7	1614.6	2318.8	3573.1	5830.2	9506.0	14734.0	22299.8	32068.9	48092.1	75845.1
0°	1216.8	1670.6	2374.4	3689.8	6090.5	9569.8	15035.5	22566.4	32912.4	49059.4	78367.5
-2.5°	1227.9	1700.6	2393.5	3715.4	6064.4	9679.6	15127.5	22779.4	32880.7	48529.4	75550.4
-5°	1246.4	1700.1	2379.1	3689.3	5928.5	9396.0	14526.8	21587.5	30897.0	44355.6	66493.4
-7.5°	1259.7	1673.0	2310.2	3522.1	5572.6	8783.0	13471.1	19612.8	27286.7	37505.5	51216.1
-10°	1247.5	1621.0	2195.4	3241.7	5019.3	7799.5	11865.9	17005.8	23383.6	30956.6	40271.9
-12.5°	1200.5	1524.9	2008.0	2848.9	4302.6	6697.9	10250.8	14627.1	19347.6	24666.2	31103.2
-15°	1141.2	1421.3	1839.2	2579.5	3771.3	5606.1	8199.9	11750.2	15536.9	19575.0	23881.1
-17.5°	1095.0	1330.4	1676.4	2212.3	3088.9	4547.8	6586.1	9108.2	11891.0	14965.4	17517.1
-20°	1032.4	1218.4	1508.9	1946.5	2615.4	3582.0	5066.5	6898.7	8735.0	10896.7	12659.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	969.7	1131.8	1352.8	1673.1	2170.7	2901.0	3818.2	5041.6	6384.5	7625.2	8846.6
-25°	911.6	1036.4	1215.2	1477.9	1815.5	2313.8	2966.7	3668.5	4553.6	5308.9	6147.1
-27.5°	864.5	971.7	1103.6	1296.2	1558.2	1878.8	2346.2	2816.4	3281.9	3663.1	4240.2
-30°	819.0	905.3	1015.6	1152.9	1349.3	1596.4	1899.8	2204.9	2473.5	2718.6	3019.0
-32.5°	774.4	844.6	929.2	1043.2	1184.1	1369.8	1556.3	1774.9	1961.6	2134.0	2293.4
-35°	729.6	792.1	856.6	952.8	1065.1	1197.0	1332.6	1480.7	1609.9	1726.0	1828.7
-37.5°	689.2	744.1	804.8	876.3	966.9	1066.2	1176.9	1284.5	1369.9	1445.2	1507.5
-40°	655.1	705.1	756.9	814.2	883.2	961.6	1055.6	1145.2	1205.0	1251.0	1288.8
-42.5°	624.7	668.6	712.8	761.5	814.3	882.2	956.4	1030.5	1071.1	1106.6	1134.0
-45°	600.2	633.9	671.1	712.7	759.5	816.3	874.7	925.9	961.9	992.6	1015.4
-47.5°	567.9	600.3	632.6	666.9	710.5	757.9	806.1	845.5	877.0	903.7	921.1
-50°	532.3	566.5	596.0	626.1	666.3	706.5	745.3	777.8	807.9	834.0	847.7
-52.5°	495.5	532.2	563.1	592.6	626.3	661.3	696.3	724.1	750.4	775.1	785.5
-55°	468.9	502.7	534.7	562.4	590.2	618.2	646.8	675.7	701.7	725.1	732.0
-57.5°	440.3	474.7	506.4	531.2	556.3	581.5	607.7	633.8	658.9	681.3	687.0
-60°	405.3	442.6	470.7	494.2	518.6	543.5	566.3	589.5	612.9	632.5	638.8
-62.5°	360.9	394.9	422.6	447.3	470.8	492.6	514.8	536.5	557.5	572.9	578.0
-65°	307.6	336.5	365.1	390.9	414.2	435.1	455.6	475.4	494.5	508.1	514.9
-67.5°	265.6	286.4	309.3	331.6	355.0	376.5	395.0	412.4	428.7	440.3	447.5
-70°	225.1	244.9	266.4	287.6	307.9	325.4	340.2	354.5	368.5	378.7	386.3
-72.5°	186.3	203.1	221.0	239.7	258.3	274.2	287.7	300.5	312.5	321.3	328.3
-75°	151.3	165.2	180.3	195.4	210.4	223.0	234.3	245.4	256.1	263.8	270.3
-77.5°	120.0	131.8	143.6	155.4	167.3	176.4	184.7	192.9	200.8	206.9	212.4
-80°	88.9	98.1	107.6	117.1	126.5	133.4	139.7	145.7	151.3	154.8	158.0
-82.5°	60.8	67.2	73.8	80.5	87.2	92.3	97.3	102.2	106.9	108.6	109.8
-85°	38.8	42.0	45.4	49.1	52.9	55.8	58.5	61.1	63.5	65.8	67.9
-87.5°	21.5	22.2	22.8	23.3	23.8	25.8	27.8	29.8	31.8	32.1	32.4
-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: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	1.4
62.5°	5.9	6.3	6.5	6.6	6.5	6.3	5.9	5.4	4.7	5.1	6.0
60°	22.5	20.0	19.5	19.7	19.5	20.0	22.5	23.9	24.1	28.1	29.2
57.5°	100.1	111.3	114.4	111.8	114.4	111.3	100.1	88.1	76.3	74.7	76.4
55°	145.7	149.2	150.8	151.3	150.8	149.2	145.7	139.9	131.4	123.1	116.4
52.5°	178.6	177.4	177.2	177.6	177.2	177.4	178.6	177.8	174.5	166.4	153.7
50°	268.4	263.5	261.5	263.1	261.5	263.5	268.4	267.3	253.4	229.1	209.7
47.5°	343.0	344.6	346.9	348.6	346.9	344.6	343.0	341.4	327.8	301.7	274.0
45°	400.6	404.1	406.5	407.8	406.5	404.1	400.6	395.3	376.5	349.2	318.2
42.5°	459.4	459.8	459.1	460.4	459.1	459.8	459.4	454.8	433.9	405.5	373.0
40°	542.3	544.1	542.2	539.3	542.2	544.1	542.3	535.3	517.9	483.0	446.3
37.5°	708.8	711.2	703.3	697.2	703.3	711.2	708.8	693.7	667.9	620.7	573.9
35°	980.2	1008.3	1021.7	1026.0	1021.7	1008.3	980.2	942.1	900.4	854.6	745.2
32.5°	1291.9	1331.0	1350.7	1368.1	1350.7	1331.0	1291.9	1239.9	1164.6	1061.6	928.5
30°	1738.6	1810.8	1842.6	1887.7	1842.6	1810.8	1738.6	1647.8	1509.3	1345.7	1158.2
27.5°	2467.2	2594.1	2664.4	2729.5	2664.4	2594.1	2467.2	2310.9	2035.6	1804.9	1491.9
25°	3712.6	3956.9	4115.0	4189.7	4115.0	3956.9	3712.6	3396.1	2960.6	2544.4	2031.1
22.5°	5775.6	6226.0	6573.4	6643.0	6573.4	6226.0	5775.6	5095.5	4392.5	3662.5	2872.9
20°	8979.0	9623.5	10147.7	10411.7	10147.7	9623.5	8979.0	7824.2	6633.8	5397.1	4236.0
17.5°	14883.1	16223.5	16835.8	16936.3	16835.8	16223.5	14883.1	12702.1	10870.9	8773.5	6459.1
15°	23666.6	25934.8	27374.6	28301.7	27374.6	25934.8	23666.6	19941.2	16469.3	13182.1	9575.1
12.5°	33688.3	40133.3	43800.4	45198.6	43800.4	40133.3	33688.3	27814.1	22171.0	17216.8	12700.3
10°	47290.0	62462.2	71214.1	75618.2	71214.1	62462.2	47290.0	37680.7	28659.8	21327.8	15326.1
7.5°	70375.3	93809.0	119772.5	131784.3	119772.5	93809.0	70375.3	48106.4	35483.7	25770.4	18267.2
5°	94643.5	146094.3	191253.1	212878.0	191253.1	146094.3	94643.5	64124.6	42732.8	29718.7	20842.7
2.5°	122536.0	191922.2	256075.4	283050.4	256075.4	191922.2	122536.0	75845.1	48092.1	32068.9	22299.8
0°	133270.8	214094.8	284257.2	310733.8	284257.2	214094.8	133270.8	78367.5	49059.4	32912.4	22566.4
-2.5°	124195.5	195283.7	257177.6	287430.7	257177.6	195283.7	124195.5	75550.4	48529.4	32880.7	22779.4
-5°	98679.7	146899.5	192737.8	217390.0	192737.8	146899.5	98679.7	66493.4	44355.6	30897.0	21587.5
-7.5°	72424.8	98675.2	124132.1	133034.0	124132.1	98675.2	72424.8	51216.1	37505.5	27286.7	19612.8
-10°	50423.6	65455.4	75378.0	78209.6	75378.0	65455.4	50423.6	40271.9	30956.6	23383.6	17005.8
-12.5°	37384.0	43958.9	48533.7	49329.1	48533.7	43958.9	37384.0	31103.2	24666.2	19347.6	14627.1
-15°	27681.9	31025.5	33384.9	33543.8	33384.9	31025.5	27681.9	23881.1	19575.0	15536.9	11750.2
-17.5°	20235.6	22480.0	23670.7	23585.9	23670.7	22480.0	20235.6	17517.1	14965.4	11891.0	9108.2
-20°	14469.6	15822.5	16781.9	16594.3	16781.9	15822.5	14469.6	12659.4	10896.7	8735.0	6898.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	10089.3	10987.3	11549.5	11404.9	11549.5	10987.3	10089.3	8846.6	7625.2	6384.5	5041.6
-25°	6855.5	7344.8	7623.3	7576.9	7623.3	7344.8	6855.5	6147.1	5308.9	4553.6	3668.5
-27.5°	4671.6	4930.0	5016.3	5011.8	5016.3	4930.0	4671.6	4240.2	3663.1	3281.9	2816.4
-30°	3242.5	3416.2	3515.5	3453.0	3515.5	3416.2	3242.5	3019.0	2718.6	2473.5	2204.9
-32.5°	2416.7	2514.7	2571.3	2512.5	2571.3	2514.7	2416.7	2293.4	2134.0	1961.6	1774.9
-35°	1904.6	1954.1	1974.1	1940.3	1974.1	1954.1	1904.6	1828.7	1726.0	1609.9	1480.7
-37.5°	1552.8	1581.8	1591.7	1572.0	1591.7	1581.8	1552.8	1507.5	1445.2	1369.9	1284.5
-40°	1315.7	1333.5	1337.9	1322.0	1337.9	1333.5	1315.7	1288.8	1251.0	1205.0	1145.2
-42.5°	1151.2	1161.8	1164.3	1157.6	1164.3	1161.8	1151.2	1134.0	1106.6	1071.1	1030.5
-45°	1028.9	1038.0	1039.7	1032.6	1039.7	1038.0	1028.9	1015.4	992.6	961.9	925.9
-47.5°	929.8	935.4	936.8	934.0	936.8	935.4	929.8	921.1	903.7	877.0	845.5
-50°	853.9	857.8	858.1	855.0	858.1	857.8	853.9	847.7	834.0	807.9	777.8
-52.5°	790.4	793.1	794.9	795.8	794.9	793.1	790.4	785.5	775.1	750.4	724.1
-55°	736.9	740.4	742.5	743.2	742.5	740.4	736.9	732.0	725.1	701.7	675.7
-57.5°	691.5	694.6	696.6	697.2	696.6	694.6	691.5	687.0	681.3	658.9	633.8
-60°	643.9	647.8	650.3	651.1	650.3	647.8	643.9	638.8	632.5	612.9	589.5
-62.5°	581.4	583.1	584.7	585.4	584.7	583.1	581.4	578.0	572.9	557.5	536.5
-65°	520.0	523.5	525.6	526.2	525.6	523.5	520.0	514.9	508.1	494.5	475.4
-67.5°	453.4	458.0	462.9	467.0	462.9	458.0	453.4	447.5	440.3	428.7	412.4
-70°	393.1	398.9	400.8	401.2	400.8	398.9	393.1	386.3	378.7	368.5	354.5
-72.5°	334.6	340.1	344.7	348.6	344.7	340.1	334.6	328.3	321.3	312.5	300.5
-75°	276.1	281.2	282.5	282.8	282.5	281.2	276.1	270.3	263.8	256.1	245.4
-77.5°	217.6	222.3	223.3	223.6	223.3	222.3	217.6	212.4	206.9	200.8	192.9
-80°	160.9	163.5	167.4	171.0	167.4	163.5	160.9	158.0	154.8	151.3	145.7
-82.5°	110.7	111.3	111.7	111.8	111.7	111.3	110.7	109.8	108.6	106.9	102.2
-85°	70.0	72.0	72.2	72.3	72.2	72.0	70.0	67.9	65.8	63.5	61.1
-87.5°	32.6	32.8	32.9	32.9	32.9	32.8	32.6	32.4	32.1	31.8	29.8
-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: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-U-NR-VSR-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°	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°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.8
62.5°	6.7	7.3	7.5	6.8	5.1	3.2	3.9	4.6	3.2	0.6	2.3
60°	24.8	15.8	22.3	24.5	21.6	15.5	15.8	14.7	12.2	9.7	6.4
57.5°	81.0	78.4	64.3	55.5	52.9	46.9	38.6	30.8	27.2	21.9	15.5
55°	111.8	107.3	99.6	89.0	77.1	73.6	66.9	57.4	48.2	37.3	30.3
52.5°	137.4	138.6	134.2	121.6	110.9	103.8	94.6	85.6	74.5	63.9	49.8
50°	196.3	188.9	181.8	174.5	157.8	141.4	129.9	117.4	101.4	89.5	77.7
47.5°	250.7	239.6	232.0	222.4	203.3	186.1	168.0	150.4	130.5	111.8	100.1
45°	297.2	281.0	266.5	254.6	238.0	218.4	202.2	182.7	160.0	138.4	118.1
42.5°	344.4	319.9	300.2	288.2	268.2	247.9	229.8	214.8	190.1	164.8	144.4
40°	407.2	358.0	339.7	334.9	315.9	283.7	268.4	251.9	225.6	192.6	172.5
37.5°	510.8	444.9	412.6	395.7	378.4	345.0	315.0	293.4	269.8	232.5	203.8
35°	657.4	580.1	509.6	473.3	452.9	407.4	367.9	338.2	310.0	274.8	237.5
32.5°	786.1	698.9	614.8	551.2	505.5	463.5	419.5	382.7	345.8	309.7	273.0
30°	973.8	828.3	712.3	622.8	564.0	511.9	465.1	420.8	379.0	341.0	304.1
27.5°	1228.9	996.6	839.1	713.0	625.4	563.5	510.2	458.4	410.7	369.8	332.0
25°	1604.1	1232.7	997.2	827.1	700.1	620.6	559.7	499.9	444.2	397.6	365.5
22.5°	2143.1	1635.7	1247.6	950.6	808.8	708.0	618.3	543.0	479.8	438.2	400.2
20°	3071.3	2189.5	1615.8	1234.5	973.6	811.7	689.0	600.5	536.0	482.4	435.2
17.5°	4657.7	3227.1	2092.2	1589.7	1218.3	966.9	789.9	672.4	591.1	526.9	470.6
15°	6601.8	4428.9	2924.8	2048.2	1493.1	1096.0	884.5	743.7	647.6	573.5	506.2
12.5°	8626.3	5572.6	3614.6	2396.5	1689.7	1233.6	983.9	825.0	704.1	607.2	529.7
10°	10385.1	6747.8	4309.5	2808.0	1911.9	1365.8	1062.6	876.2	737.9	631.5	549.7
7.5°	12328.4	7949.7	4949.3	3109.3	2095.4	1471.8	1115.8	910.7	765.8	651.7	566.1
5°	13768.1	8867.1	5490.5	3384.0	2233.4	1552.7	1157.3	935.4	787.6	667.9	579.2
2.5°	14734.0	9506.0	5830.2	3573.1	2318.8	1614.6	1190.7	958.5	804.6	684.3	593.6
0°	15035.5	9569.8	6090.5	3689.8	2374.4	1670.6	1216.8	980.0	815.6	697.2	605.1
-2.5°	15127.5	9679.6	6064.4	3715.4	2393.5	1700.6	1227.9	984.0	824.1	702.1	606.7
-5°	14526.8	9396.0	5928.5	3689.3	2379.1	1700.1	1246.4	991.2	829.0	703.7	605.4
-7.5°	13471.1	8783.0	5572.6	3522.1	2310.2	1673.0	1259.7	1000.5	833.5	708.9	610.1
-10°	11865.9	7799.5	5019.3	3241.7	2195.4	1621.0	1247.5	995.4	830.6	708.0	611.1
-12.5°	10250.8	6697.9	4302.6	2848.9	2008.0	1524.9	1200.5	975.1	820.2	700.8	608.2
-15°	8199.9	5606.1	3771.3	2579.5	1839.2	1421.3	1141.2	943.1	802.6	687.7	601.4
-17.5°	6586.1	4547.8	3088.9	2212.3	1676.4	1330.4	1095.0	917.2	781.9	674.5	592.1
-20°	5066.5	3582.0	2615.4	1946.5	1508.9	1218.4	1032.4	879.1	758.1	660.8	583.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	3818.2	2901.0	2170.7	1673.1	1352.8	1131.8	969.7	836.6	729.2	641.2	571.6
-25°	2966.7	2313.8	1815.5	1477.9	1215.2	1036.4	911.6	803.0	706.3	621.7	557.8
-27.5°	2346.2	1878.8	1558.2	1296.2	1103.6	971.7	864.5	768.1	681.6	607.0	543.7
-30°	1899.8	1596.4	1349.3	1152.9	1015.6	905.3	819.0	738.3	658.5	588.1	528.6
-32.5°	1556.3	1369.8	1184.1	1043.2	929.2	844.6	774.4	706.3	630.4	568.7	512.8
-35°	1332.6	1197.0	1065.1	952.8	856.6	792.1	729.6	666.0	604.1	546.8	494.7
-37.5°	1176.9	1066.2	966.9	876.3	804.8	744.1	689.2	633.0	576.8	524.2	476.1
-40°	1055.6	961.6	883.2	814.2	756.9	705.1	655.1	603.2	553.2	500.5	456.1
-42.5°	956.4	882.2	814.3	761.5	712.8	668.6	624.7	579.4	530.4	480.4	433.6
-45°	874.7	816.3	759.5	712.7	671.1	633.9	600.2	555.0	507.1	457.2	409.5
-47.5°	806.1	757.9	710.5	666.9	632.6	600.3	567.9	528.0	477.7	430.6	390.0
-50°	745.3	706.5	666.3	626.1	596.0	566.5	532.3	490.6	447.2	408.5	370.2
-52.5°	696.3	661.3	626.3	592.6	563.1	532.2	495.5	459.5	422.4	386.0	350.9
-55°	646.8	618.2	590.2	562.4	534.7	502.7	468.9	433.1	396.8	362.8	326.9
-57.5°	607.7	581.5	556.3	531.2	506.4	474.7	440.3	405.3	367.9	333.5	299.7
-60°	566.3	543.5	518.6	494.2	470.7	442.6	405.3	369.3	334.7	302.1	269.4
-62.5°	514.8	492.6	470.8	447.3	422.6	394.9	360.9	327.7	297.7	269.3	240.0
-65°	455.6	435.1	414.2	390.9	365.1	336.5	307.6	283.2	260.1	236.0	210.2
-67.5°	395.0	376.5	355.0	331.6	309.3	286.4	265.6	244.7	223.1	201.0	177.9
-70°	340.2	325.4	307.9	287.6	266.4	244.9	225.1	205.6	185.6	167.1	149.3
-72.5°	287.7	274.2	258.3	239.7	221.0	203.1	186.3	170.5	154.9	139.5	123.7
-75°	234.3	223.0	210.4	195.4	180.3	165.2	151.3	138.5	125.3	111.8	98.4
-77.5°	184.7	176.4	167.3	155.4	143.6	131.8	120.0	108.5	97.6	87.5	78.2
-80°	139.7	133.4	126.5	117.1	107.6	98.1	88.9	81.0	73.6	66.9	60.3
-82.5°	97.3	92.3	87.2	80.5	73.8	67.2	60.8	56.0	51.3	46.8	42.4
-85°	58.5	55.8	52.9	49.1	45.4	42.0	38.8	36.1	33.4	30.6	27.9
-87.5°	27.8	25.8	23.8	23.3	22.8	22.2	21.5	19.5	17.6	15.7	13.9
-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: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.5	2.8	2.0
67.5°	0.0	0.0	0.0	1.4	2.2	1.9	0.4	1.1	2.7	4.2	3.7
65°	2.2	1.6	0.1	1.7	3.3	4.3	3.2	2.0	2.9	4.5	5.5
62.5°	3.9	5.0	3.7	2.7	3.6	5.2	6.1	4.1	3.4	4.7	6.2
60°	4.3	5.9	6.7	5.2	4.6	5.6	6.6	6.0	4.8	5.0	6.4
57.5°	11.6	7.5	7.5	7.1	6.0	6.1	6.6	6.6	5.9	5.6	6.6
55°	21.5	15.7	11.1	8.9	7.5	6.5	6.8	6.6	6.6	6.1	6.6
52.5°	37.3	27.1	19.9	13.5	10.0	7.5	7.5	6.6	6.6	6.5	6.6
50°	59.5	42.7	31.3	22.6	14.1	11.0	8.5	7.7	6.6	6.6	6.6
47.5°	87.0	63.9	45.7	33.0	23.2	14.9	11.7	9.1	6.6	6.6	6.6
45°	107.4	89.2	63.7	46.1	32.5	22.4	15.8	10.9	8.2	6.8	6.6
42.5°	127.4	110.9	86.7	59.1	44.7	30.9	20.2	14.6	10.0	7.3	6.8
40°	153.0	132.4	108.7	80.6	58.1	39.3	27.3	18.8	12.1	8.4	7.4
37.5°	179.4	156.3	130.5	101.3	73.2	52.0	34.7	23.1	15.2	10.7	8.0
35°	208.9	181.3	152.1	121.0	91.2	65.2	41.7	28.3	19.4	13.1	8.8
32.5°	238.8	205.2	172.2	140.2	108.0	78.8	51.7	35.1	23.4	15.7	9.7
30°	267.9	228.9	190.7	158.6	124.0	93.2	64.2	42.5	27.3	18.3	11.0
27.5°	294.2	252.2	208.6	174.9	140.0	106.7	76.7	50.5	31.0	21.2	13.1
25°	321.8	275.8	229.1	189.5	155.1	120.3	88.4	59.0	36.5	24.3	15.2
22.5°	353.2	299.7	248.9	202.6	170.9	133.6	99.5	69.1	43.1	27.3	17.3
20°	386.8	323.3	268.7	221.3	185.7	147.2	110.6	78.3	49.8	30.1	19.4
17.5°	421.2	349.2	292.7	242.6	200.4	160.0	121.2	86.8	56.6	32.8	21.5
15°	444.6	375.1	314.2	262.5	215.1	171.8	131.2	94.5	63.2	35.3	23.5
12.5°	464.2	397.5	333.2	280.9	229.6	182.5	140.5	101.4	69.7	38.6	25.5
10°	481.5	416.3	349.8	297.8	243.7	192.3	149.0	107.4	75.7	42.8	27.3
7.5°	496.4	431.9	364.0	313.0	257.0	202.1	156.1	112.8	80.9	47.1	29.0
5°	508.9	445.2	375.9	322.9	269.4	212.5	162.1	117.5	85.4	51.4	30.5
2.5°	518.9	457.4	386.1	330.0	280.2	221.9	167.1	121.6	89.1	55.4	31.8
0°	526.2	467.0	394.6	335.4	289.4	230.2	171.0	125.0	92.1	59.2	32.9
-2.5°	531.0	468.6	403.7	341.6	294.9	237.1	179.0	129.2	94.5	62.6	34.9
-5°	533.0	468.4	410.4	346.4	298.9	242.6	185.7	132.7	96.4	65.4	36.7
-7.5°	535.9	470.6	414.1	350.2	301.5	246.8	190.8	135.3	97.9	67.8	38.3
-10°	537.1	472.8	415.0	354.8	303.7	249.9	194.2	136.9	98.9	69.5	39.7
-12.5°	535.5	472.6	414.8	357.4	304.8	251.7	195.9	139.5	99.9	70.6	40.9
-15°	531.3	469.8	413.8	357.7	304.6	252.4	196.5	141.9	101.9	70.8	41.9
-17.5°	524.8	464.3	412.3	355.5	303.4	252.0	195.9	143.0	102.9	70.3	42.9
-20°	518.2	459.4	410.1	350.8	301.1	250.6	194.2	142.7	102.9	69.3	43.8

Classified

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Scaled Data Report



REPORT NUMBER: P627728 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	509.7	454.7	402.8	346.0	297.8	248.3	191.5	141.1	101.7	67.7	44.3
-25°	498.9	447.6	394.6	342.3	293.7	243.6	188.3	138.0	99.4	65.7	44.5
-27.5°	488.1	438.0	385.8	337.1	287.9	238.0	184.1	135.1	96.0	63.0	44.4
-30°	475.6	427.1	378.1	330.1	279.9	230.0	178.0	130.5	92.5	61.7	43.9
-32.5°	461.8	416.2	369.4	319.5	269.9	221.1	170.4	124.3	88.3	60.9	43.4
-35°	448.0	404.1	358.9	306.3	259.1	211.4	162.5	116.4	83.6	59.7	42.8
-37.5°	431.8	389.0	341.9	292.1	247.6	201.0	155.2	111.9	78.4	58.0	42.0
-40°	413.2	370.5	322.5	278.9	235.4	190.0	147.4	107.8	75.0	55.8	41.0
-42.5°	392.5	349.8	307.0	265.3	222.7	180.6	139.2	102.7	73.5	54.0	39.8
-45°	371.1	331.1	292.4	251.3	209.8	170.9	132.4	97.1	71.3	52.4	38.6
-47.5°	351.2	315.3	276.5	236.2	198.7	160.9	124.4	93.3	68.2	50.6	37.3
-50°	334.3	297.9	259.1	220.9	185.6	150.7	116.1	88.5	65.6	48.7	35.7
-52.5°	314.9	278.1	240.2	204.1	171.6	139.3	109.1	82.7	62.0	46.2	33.7
-55°	291.8	255.3	219.0	187.3	157.0	128.4	100.8	76.7	57.3	43.5	31.5
-57.5°	264.8	229.4	199.7	170.8	142.4	116.3	91.5	69.5	53.2	40.4	29.0
-60°	237.1	208.5	181.3	153.1	126.9	103.3	81.0	62.3	48.9	36.9	26.2
-62.5°	212.5	186.3	159.5	133.7	110.8	89.5	70.3	56.7	44.3	33.1	23.1
-65°	184.9	160.0	136.1	114.9	94.5	76.6	63.1	50.6	39.2	29.0	20.4
-67.5°	155.1	135.3	115.1	95.9	80.8	67.6	55.4	44.1	33.8	24.6	18.7
-70°	131.1	112.5	96.0	82.3	69.8	58.1	47.2	37.2	28.1	22.0	16.9
-72.5°	108.2	93.8	80.8	69.1	58.3	48.1	38.7	30.6	24.5	19.2	14.9
-75°	86.2	75.8	65.5	55.4	46.3	38.0	31.8	25.7	20.7	16.3	13.0
-77.5°	69.1	59.8	50.4	43.2	37.6	31.9	26.1	20.6	17.1	14.2	11.2
-80°	53.1	46.7	41.0	36.1	30.9	25.7	21.3	17.4	14.8	12.1	9.4
-82.5°	38.2	34.8	31.8	28.9	24.9	21.1	17.8	14.8	12.4	9.9	7.3
-85°	26.0	24.4	22.9	21.6	18.9	16.4	13.6	11.1	8.8	6.7	4.9
-87.5°	13.3	12.7	12.0	11.3	9.7	8.2	6.8	5.6	4.4	3.4	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA5E-722-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	0.6	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	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.8	1.5	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	2.0	0.8	0.4	1.4	0.0
65°	3.8	2.8	2.7	1.4	0.5	1.5	0.0
62.5°	5.2	3.7	3.4	2.1	0.7	1.7	0.0
60°	6.5	4.6	4.1	2.8	0.9	1.9	0.0
57.5°	6.6	5.4	4.6	3.5	1.4	2.1	0.0
55°	6.6	6.1	5.1	4.2	2.0	2.2	0.0
52.5°	6.6	6.6	5.5	4.9	2.5	2.4	0.0
50°	6.6	6.6	5.8	5.6	3.0	2.6	0.0
47.5°	6.6	6.6	6.1	6.2	3.4	2.8	0.0
45°	6.6	6.6	6.4	6.4	3.9	3.0	0.0
42.5°	6.6	6.6	6.5	6.6	4.3	3.2	0.0
40°	6.6	6.6	6.6	6.6	4.6	3.4	0.0
37.5°	6.6	6.6	6.6	6.6	4.9	3.6	0.0
35°	6.6	6.6	6.6	6.6	5.2	3.9	0.0
32.5°	6.8	6.6	6.6	6.6	5.5	4.1	0.0
30°	7.5	6.6	6.6	6.6	5.7	4.3	0.0
27.5°	8.2	6.6	6.6	6.6	5.9	4.5	0.0
25°	9.0	6.6	6.6	6.6	6.1	4.7	0.0
22.5°	9.8	6.7	6.6	6.6	6.2	4.9	0.0
20°	10.7	7.2	6.6	6.6	6.3	5.1	0.0
17.5°	11.8	7.8	6.6	6.6	6.4	5.3	0.0
15°	13.2	8.5	6.6	6.6	6.5	5.5	0.0
12.5°	14.4	9.2	6.6	6.6	6.5	5.7	0.0
10°	15.6	10.0	6.6	6.6	6.6	5.9	0.0
7.5°	16.8	10.8	6.6	6.6	6.6	6.1	0.0
5°	17.8	11.6	6.6	6.6	6.6	6.3	0.0
2.5°	18.8	12.4	6.6	6.6	6.6	6.4	0.0
0°	19.7	13.2	6.6	6.6	6.6	6.6	0.0
-2.5°	21.4	13.9	7.2	6.6	6.6	6.6	0.0
-5°	23.0	14.5	7.7	6.6	6.6	6.6	0.0
-7.5°	24.5	15.1	8.3	6.6	6.6	6.5	0.0
-10°	25.8	15.6	8.8	6.6	6.6	6.5	0.0
-12.5°	26.9	16.0	9.2	6.6	6.6	6.4	0.0
-15°	27.7	16.3	9.6	6.6	6.6	6.4	0.0
-17.5°	28.3	16.6	9.9	6.6	6.6	6.3	0.0
-20°	28.6	16.8	10.0	6.6	6.6	6.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.0	17.0	10.1	6.6	6.6	6.1	0.0
-25°	29.2	17.4	10.1	6.6	6.6	6.0	0.0
-27.5°	29.2	17.9	9.9	6.6	6.6	5.9	0.0
-30°	29.0	18.2	9.7	6.6	6.6	5.7	0.0
-32.5°	28.7	18.3	9.7	6.6	6.6	5.6	0.0
-35°	28.6	18.3	9.5	6.6	6.6	5.4	0.0
-37.5°	28.5	18.1	9.3	6.6	6.6	5.2	0.0
-40°	28.1	17.7	9.0	6.6	6.6	5.1	0.0
-42.5°	27.6	17.2	8.9	6.7	6.6	4.9	0.0
-45°	26.7	16.5	9.1	6.8	6.6	4.7	0.0
-47.5°	25.7	15.6	9.3	7.0	6.6	4.5	0.0
-50°	24.3	14.6	9.4	7.1	6.6	4.2	0.0
-52.5°	22.8	13.4	9.4	7.1	6.6	4.0	0.0
-55°	21.0	13.0	9.3	7.1	6.6	3.8	0.0
-57.5°	19.0	12.7	9.2	7.1	6.6	3.5	0.0
-60°	17.0	12.3	9.0	7.1	6.6	3.3	0.0
-62.5°	16.2	11.8	8.8	7.0	6.1	3.0	0.0
-65°	15.2	11.2	8.4	6.9	5.6	2.8	0.0
-67.5°	14.1	10.5	8.1	6.8	5.0	2.5	0.0
-70°	12.8	9.7	7.7	6.6	4.5	2.3	0.0
-72.5°	11.4	8.9	7.2	5.9	4.0	2.0	0.0
-75°	10.0	7.9	6.7	5.1	3.4	1.7	0.0
-77.5°	8.4	7.0	5.7	4.3	2.9	1.4	0.0
-80°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)