

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: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

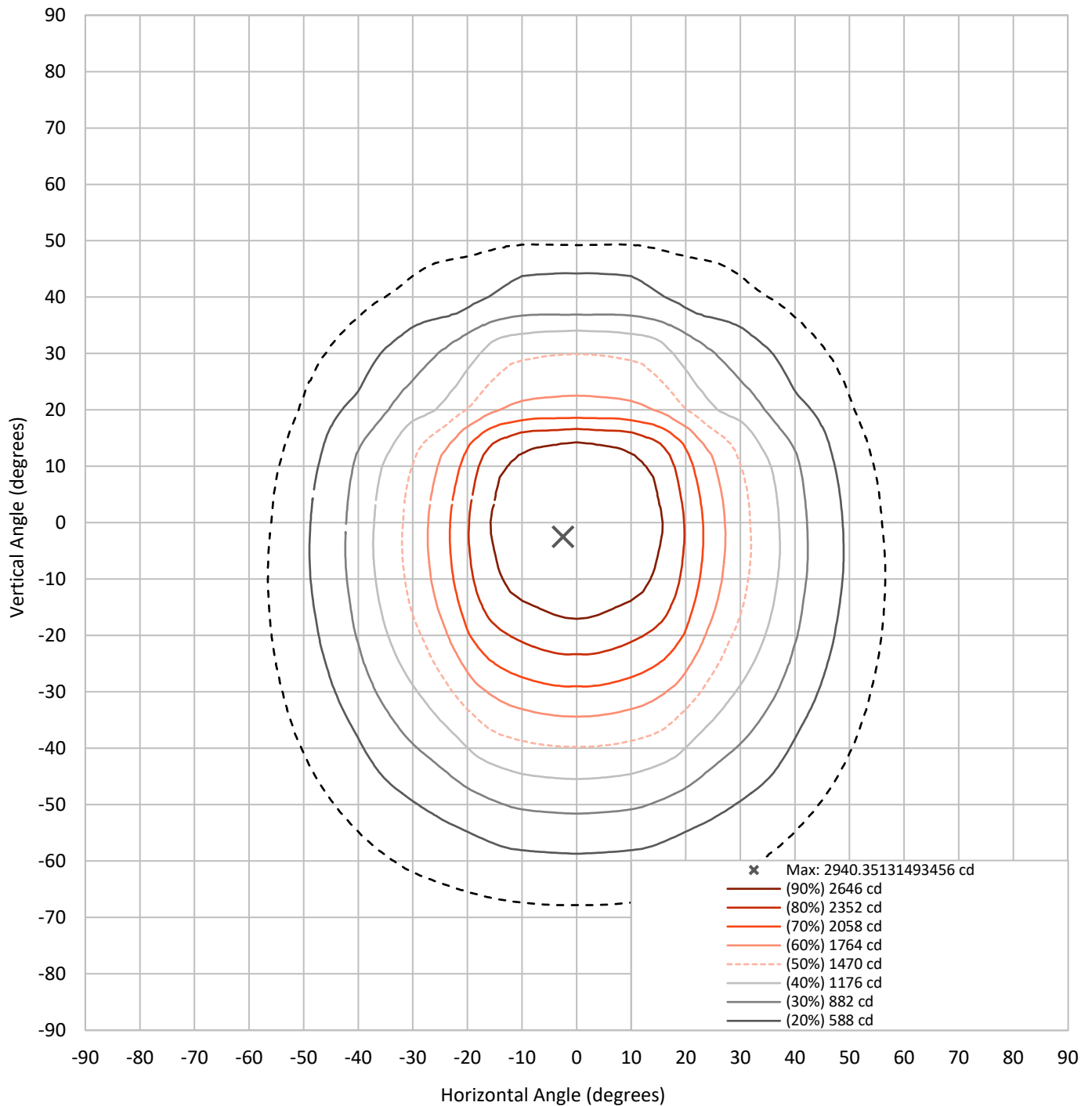
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3924 lumens	Max Intensity:	2940.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	68.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117°V
Beam Lumens:	2270.3 lumens	Field Lumens:	3723.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	57.3		
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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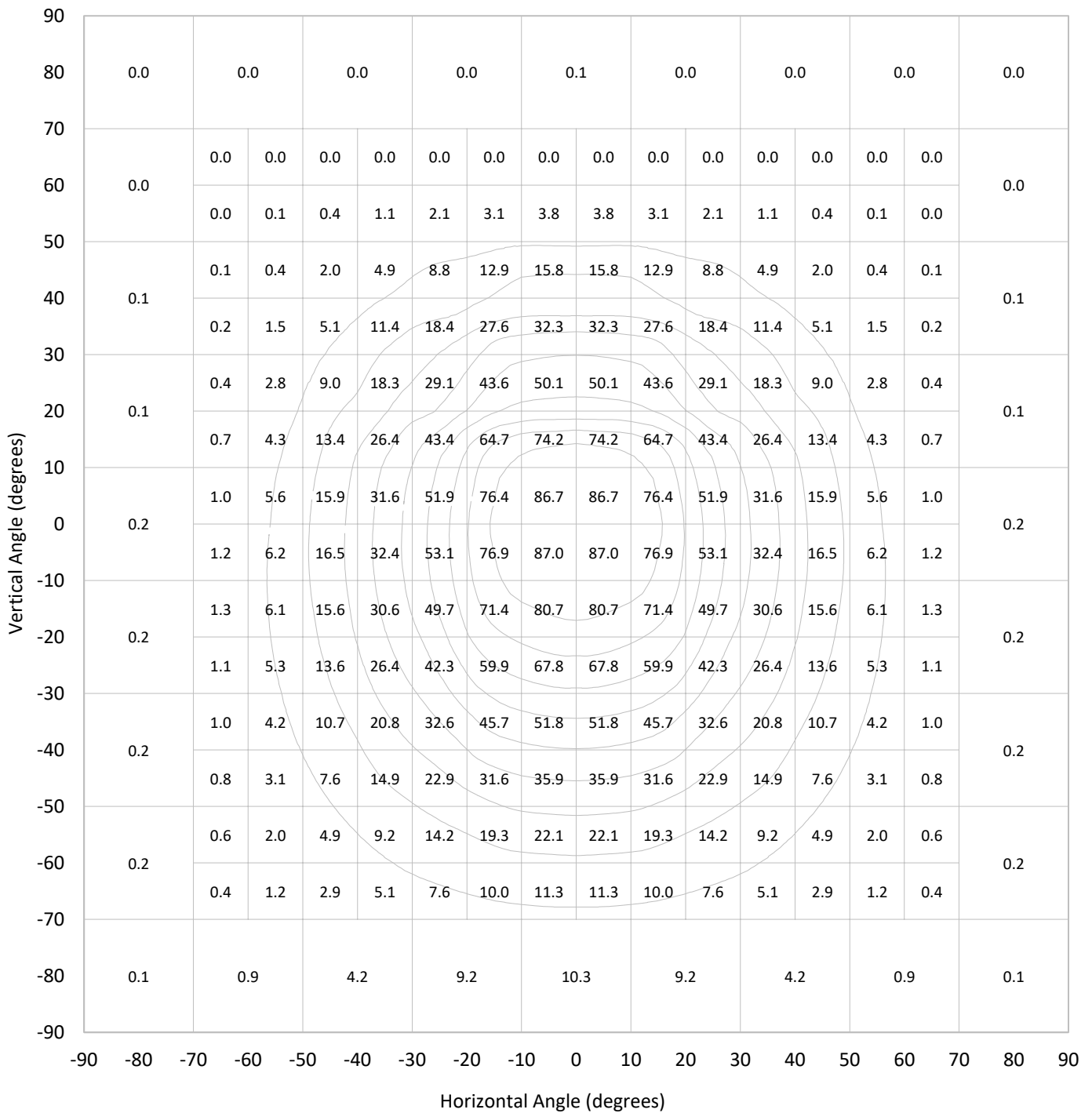
Iso-Candela Plot





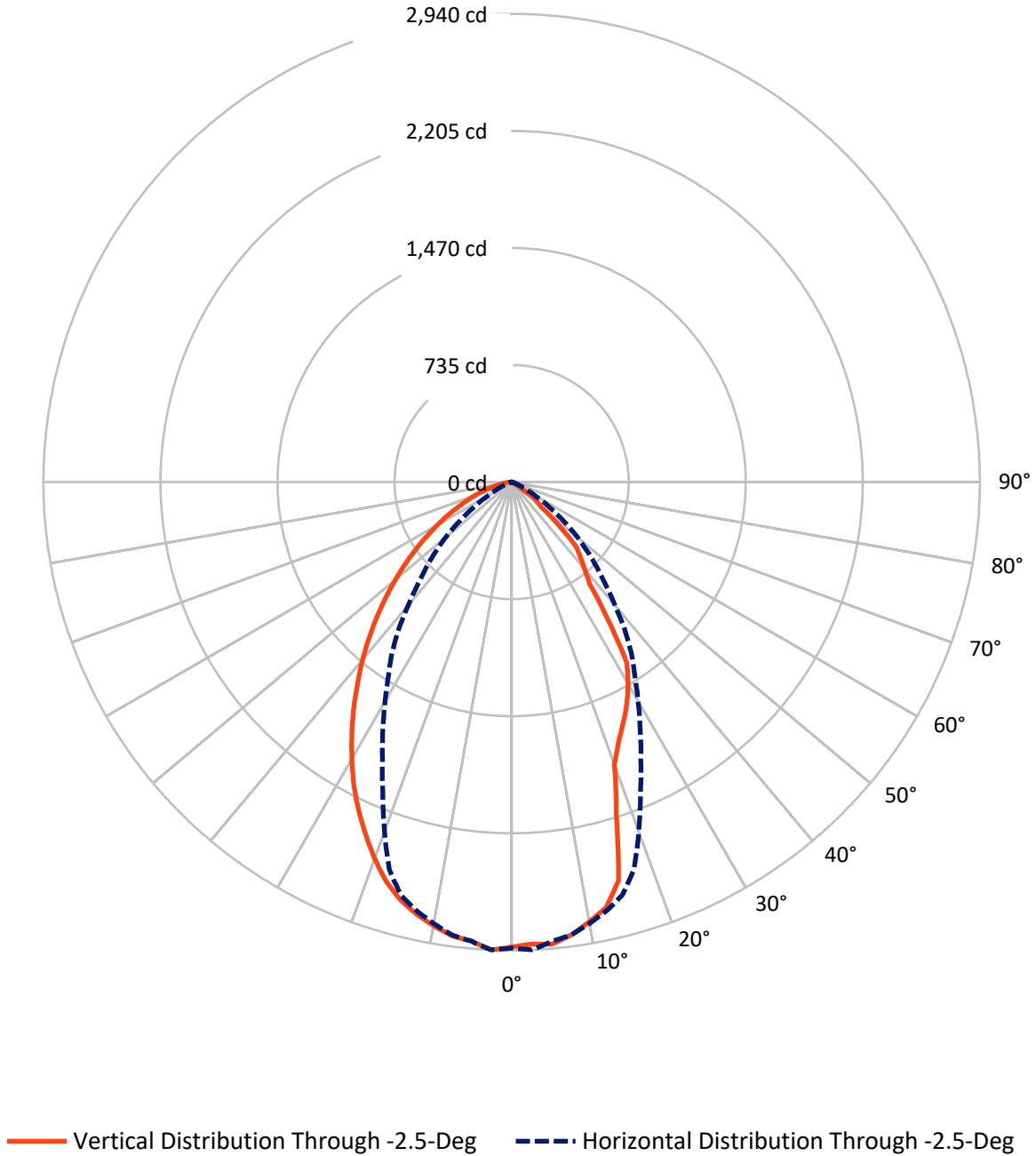
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Lumen Table



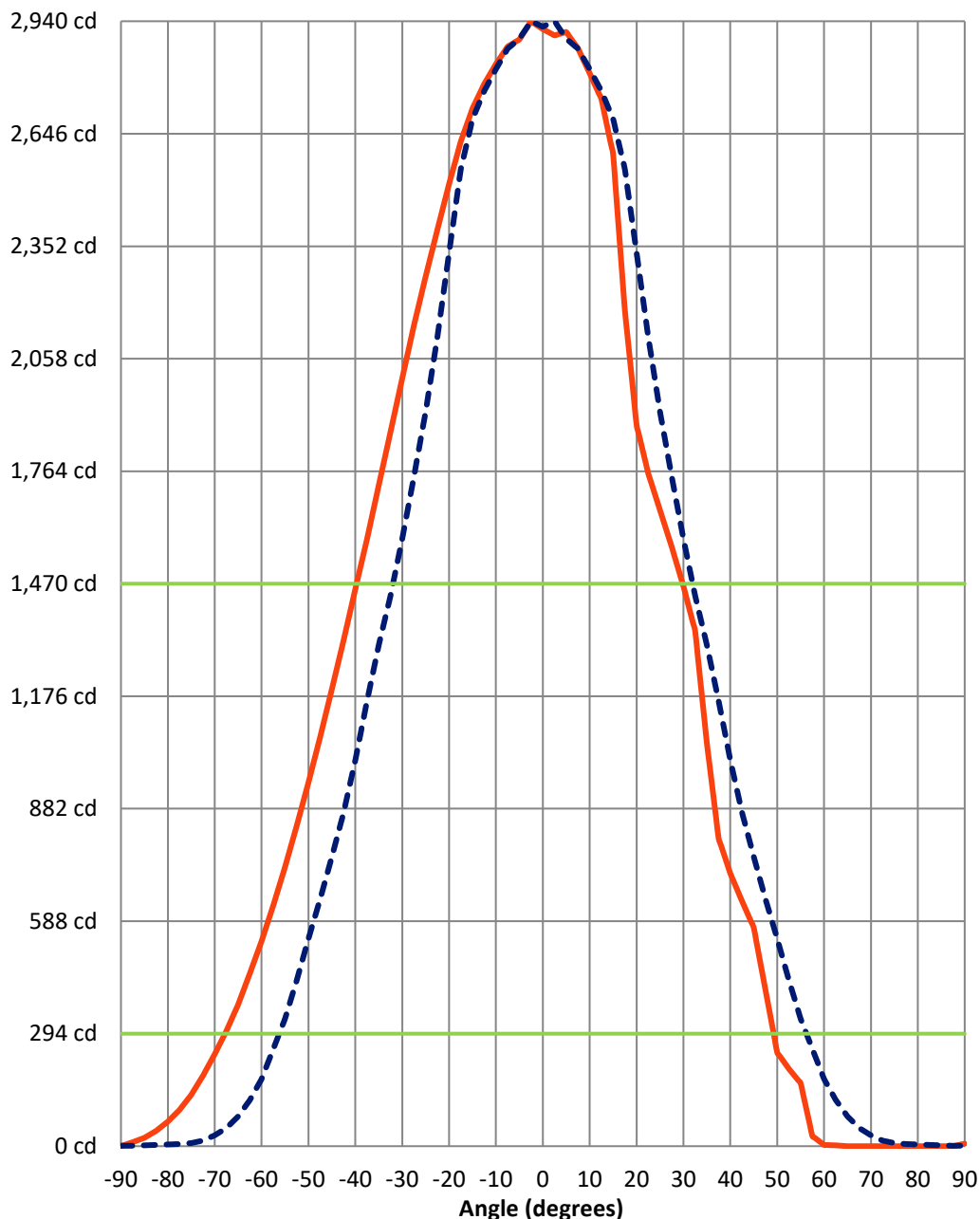
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2270.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117°
 Lumens: 3723.6
 Efficiency: 94.9%

Spill:
 Lumens: 200.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	1.1	1.1	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.3
87.5°	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.6	0.4	0.2	0.0
85°	1.1	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0
82.5°	1.1	1.1	1.1	1.0	0.8	0.6	0.3	0.1	0.0	0.2	0.3
80°	1.1	1.1	1.1	1.0	0.7	0.4	0.1	0.2	0.4	0.6	0.8
77.5°	1.1	1.1	1.1	0.9	0.6	0.4	0.3	0.5	0.8	1.0	1.0
75°	1.1	1.1	1.1	0.9	0.6	0.5	0.6	0.9	1.1	0.9	0.6
72.5°	1.1	1.1	1.1	0.9	0.7	0.7	0.9	1.1	0.9	0.6	0.2
70°	1.1	1.1	1.1	0.9	0.8	0.9	1.1	1.0	0.8	0.4	0.5
67.5°	1.1	1.1	1.1	0.9	0.9	1.0	1.1	1.0	0.7	0.9	1.0
65°	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.0	1.1	1.3	1.4
62.5°	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.2	1.5	1.7	1.5
60°	1.1	1.1	1.1	1.0	1.1	1.3	1.3	1.6	1.9	1.9	1.7
57.5°	1.1	1.1	1.1	1.0	1.2	1.4	1.6	1.9	2.2	2.2	2.2
55°	1.1	1.1	1.1	1.1	1.3	1.5	1.8	2.2	2.5	2.6	2.7
52.5°	1.1	1.1	1.1	1.1	1.4	1.7	2.1	2.5	2.9	3.0	3.2
50°	1.1	1.1	1.2	1.1	1.6	1.9	2.4	2.9	3.3	3.5	3.7
47.5°	1.1	1.1	1.2	1.1	1.7	2.1	2.7	3.2	3.7	4.0	4.2
45°	1.1	1.1	1.2	1.2	1.8	2.3	2.9	3.5	4.1	4.4	4.7
42.5°	1.1	1.1	1.3	1.3	2.0	2.6	3.2	3.8	4.5	4.9	5.7
40°	1.1	1.1	1.3	1.5	2.1	2.8	3.4	4.2	4.9	5.3	6.9
37.5°	1.1	1.1	1.4	1.6	2.3	3.0	3.6	4.6	5.4	6.1	8.0
35°	1.1	1.1	1.4	1.8	2.4	3.1	3.9	5.0	5.8	7.4	10.2
32.5°	1.1	1.1	1.4	1.9	2.6	3.3	4.1	5.4	6.3	9.1	14.5
30°	1.1	1.1	1.5	2.0	2.7	3.5	4.5	5.8	6.9	10.9	18.7
27.5°	1.1	1.1	1.6	2.2	2.9	3.7	4.8	6.2	7.8	13.0	22.8
25°	1.1	1.1	1.6	2.3	3.0	3.8	5.1	6.7	9.4	16.0	26.8
22.5°	1.1	1.1	1.7	2.4	3.2	4.0	5.4	7.1	11.1	19.3	32.1
20°	1.1	1.1	1.7	2.5	3.4	4.2	5.7	7.5	12.8	22.4	37.3
17.5°	1.1	1.1	1.8	2.6	3.5	4.4	6.1	7.9	14.6	25.4	42.5
15°	1.1	1.1	1.9	2.8	3.7	4.6	6.4	8.5	16.3	28.1	47.5
12.5°	1.1	1.1	1.9	2.9	3.8	4.8	6.6	9.3	18.3	30.7	52.3
10°	1.1	1.1	2.0	3.0	3.9	4.9	6.9	10.1	20.4	33.7	57.1
7.5°	1.1	1.1	2.0	3.1	4.1	5.1	7.1	10.9	22.4	36.5	62.2
5°	1.1	1.1	2.1	3.1	4.2	5.2	7.4	11.7	24.2	39.2	66.8
2.5°	1.1	1.1	2.1	3.2	4.3	5.4	7.5	12.5	25.9	41.7	71.0
0°	1.1	1.1	2.2	3.3	4.4	5.5	7.7	13.2	27.4	43.9	74.6
-2.5°	1.1	1.1	2.2	3.3	4.4	5.5	7.7	13.2	27.4	43.9	74.6
-5°	1.1	1.1	2.2	3.3	4.6	5.7	8.5	15.8	29.4	50.4	80.6
-7.5°	1.1	1.1	2.2	3.3	4.6	5.8	8.9	16.8	30.1	52.9	82.7
-10°	1.1	1.1	2.2	3.2	4.7	5.9	9.1	17.7	30.6	54.7	84.2
-12.5°	1.1	1.1	2.1	3.2	4.7	6.0	9.4	18.4	30.9	55.6	85.4
-15°	1.1	1.1	2.1	3.2	4.7	6.0	9.5	18.8	31.6	55.5	85.9
-17.5°	1.1	1.1	2.1	3.1	4.7	6.1	9.5	19.2	32.5	55.0	85.3
-20°	1.1	1.1	2.1	3.1	4.7	6.1	9.8	19.6	33.2	54.0	83.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.1	1.1	2.0	3.0	4.7	6.1	10.4	19.7	33.4	52.5	81.1
-25°	1.1	1.1	2.0	3.0	4.6	6.5	10.9	19.7	33.3	50.7	77.3
-27.5°	1.1	1.1	2.0	2.9	4.5	7.1	11.3	19.4	32.9	49.1	74.5
-30°	1.1	1.1	1.9	2.9	4.3	7.5	11.6	18.8	32.3	48.4	71.4
-32.5°	1.1	1.1	1.9	2.8	4.5	7.9	11.8	18.9	31.5	47.2	67.9
-35°	1.1	1.1	1.8	2.7	4.6	8.1	12.1	19.0	30.4	45.4	64.0
-37.5°	1.1	1.1	1.7	2.6	4.7	8.3	12.4	18.9	28.9	43.2	62.2
-40°	1.1	1.1	1.7	2.5	4.7	8.4	12.6	18.7	27.2	41.1	60.3
-42.5°	1.1	1.1	1.6	2.5	4.8	8.4	12.7	18.2	26.3	39.4	57.3
-45°	1.1	1.1	1.6	2.5	4.8	8.3	12.6	17.9	25.6	37.3	53.5
-47.5°	1.1	1.1	1.5	2.5	4.8	8.2	12.4	17.6	24.7	34.8	50.5
-50°	1.1	1.1	1.4	2.4	4.7	8.0	12.1	17.2	24.0	33.9	47.0
-52.5°	1.1	1.1	1.3	2.4	4.5	7.8	11.8	16.6	23.3	32.7	43.3
-55°	1.1	1.1	1.3	2.3	4.3	7.5	11.4	15.8	22.6	31.2	41.5
-57.5°	1.1	1.1	1.2	2.2	4.1	7.0	10.9	15.2	21.5	29.7	39.3
-60°	1.1	1.1	1.1	2.1	3.8	6.6	10.3	14.4	20.2	27.8	36.9
-62.5°	1.1	1.1	1.1	2.0	3.6	6.0	9.4	13.4	18.5	25.6	34.0
-65°	1.1	1.1	1.1	1.9	3.4	5.4	8.5	12.2	16.5	22.7	30.7
-67.5°	1.1	1.1	1.1	1.7	3.1	4.8	7.5	10.7	14.1	19.4	26.4
-70°	1.1	1.1	1.1	1.6	2.8	4.4	6.4	9.1	12.1	15.6	21.4
-72.5°	1.1	1.1	1.1	1.6	2.5	3.9	5.6	7.4	10.0	13.0	16.4
-75°	1.1	1.1	1.1	1.5	2.2	3.4	4.9	6.3	7.8	10.2	13.0
-77.5°	1.1	1.1	1.1	1.5	2.1	2.9	4.1	5.3	6.5	7.7	9.5
-80°	1.1	1.1	1.1	1.5	2.0	2.6	3.4	4.2	5.2	6.2	7.3
-82.5°	1.1	1.1	1.1	1.5	1.9	2.4	3.0	3.4	3.9	4.7	5.5
-85°	1.1	1.1	1.1	1.4	1.8	2.3	2.8	3.1	3.5	3.9	4.2
-87.5°	1.1	1.1	1.1	1.4	1.7	2.1	2.5	2.8	3.1	3.4	3.8
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.5	0.3	0.0



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6	3.9	4.1
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°	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.7	0.5	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.1
67.5°	1.0	0.8	0.5	0.3	0.4	0.6	0.5	0.6	0.6	0.7	0.6
65°	1.1	0.8	0.8	1.0	1.1	1.2	1.3	1.4	1.1	1.0	1.0
62.5°	1.1	1.2	1.4	1.6	1.8	1.9	1.9	1.7	1.3	1.6	1.9
60°	1.6	1.8	2.0	2.2	2.5	2.6	2.5	2.5	2.8	3.2	6.2
57.5°	2.2	2.4	2.6	3.0	3.3	3.3	3.4	3.7	8.7	14.2	15.7
55°	2.8	2.9	3.4	3.9	4.2	4.2	6.0	12.7	19.2	26.6	29.3
52.5°	3.3	3.6	4.4	5.0	5.4	8.5	15.3	24.3	33.9	42.3	53.2
50°	3.9	4.7	5.5	6.5	10.3	18.3	28.2	40.5	54.9	68.4	82.3
47.5°	4.9	5.9	7.1	10.2	20.4	31.4	45.1	64.9	82.7	99.0	118.0
45°	6.1	8.1	9.5	20.2	32.0	46.2	69.4	93.7	109.8	131.7	165.4
42.5°	7.2	11.3	18.1	30.5	44.9	67.8	96.6	117.3	138.7	174.3	209.7
40°	10.4	15.1	27.3	42.1	60.3	93.7	123.2	146.6	175.9	215.3	252.3
37.5°	14.3	23.0	36.7	54.5	84.5	121.0	152.7	186.2	219.8	256.9	325.5
35°	18.6	30.3	48.7	72.6	108.7	151.4	189.1	226.6	265.3	338.5	406.5
32.5°	24.2	37.1	61.1	93.6	134.9	181.7	225.6	268.8	330.9	413.7	482.0
30°	30.1	48.0	75.5	113.1	159.5	209.5	262.2	314.6	396.8	465.3	539.4
27.5°	36.4	59.5	92.3	133.4	182.5	235.7	295.2	369.9	443.3	511.0	592.4
25°	42.9	71.4	107.7	152.9	205.2	264.0	332.4	423.5	480.8	555.7	640.6
22.5°	51.1	82.9	122.9	170.6	226.3	293.1	380.4	471.8	539.3	602.3	685.2
20°	60.7	95.8	139.5	192.7	246.9	321.6	428.1	524.2	603.6	675.7	751.9
17.5°	69.7	107.9	157.2	215.2	276.8	358.0	474.9	581.3	668.6	749.0	844.1
15°	78.0	119.0	174.6	236.6	306.3	399.7	516.8	633.7	733.4	823.8	931.9
12.5°	85.6	129.2	191.3	256.6	334.0	435.7	552.0	666.1	775.8	893.5	1016.2
10°	92.4	138.4	207.1	275.0	359.7	466.1	581.1	693.1	803.8	928.4	1064.7
7.5°	99.7	147.0	221.4	291.8	383.1	491.3	604.3	714.8	826.4	956.3	1096.2
5°	106.4	154.8	232.8	303.8	401.2	510.9	621.8	731.3	843.6	977.0	1120.1
2.5°	112.4	161.4	242.1	313.2	414.6	525.3	633.2	745.1	856.3	993.9	1138.3
0°	117.4	166.8	249.2	320.5	424.8	535.6	639.9	754.1	863.8	1005.4	1150.3
-2.5°	120.6	175.6	254.0	333.1	433.6	542.4	645.9	756.6	871.9	1009.0	1163.7
-5°	122.9	182.8	257.0	342.8	439.4	545.4	647.9	754.6	874.0	1008.1	1165.7
-7.5°	124.2	187.8	258.3	348.4	441.4	543.6	644.5	750.9	870.5	1004.7	1157.0
-10°	125.0	189.4	260.2	346.7	438.8	537.7	637.1	742.2	860.5	993.5	1140.5
-12.5°	127.1	188.4	259.9	343.0	433.0	528.8	626.1	728.4	844.0	974.3	1117.6
-15°	127.6	186.1	256.8	337.6	424.2	517.2	611.7	709.5	823.5	955.7	1092.3
-17.5°	126.4	182.7	250.7	330.7	412.3	503.1	594.7	692.4	804.3	934.1	1065.7
-20°	123.5	178.3	241.5	322.5	398.3	487.4	577.7	674.5	782.2	904.3	1035.9

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	118.7	172.9	231.6	311.1	386.2	469.4	557.8	650.1	754.6	865.5	995.9
-25°	113.7	166.9	223.7	295.4	371.7	448.4	534.9	620.3	722.1	831.1	946.8
-27.5°	109.0	158.5	215.6	278.2	354.5	426.0	509.0	592.4	685.6	792.4	898.9
-30°	102.8	149.3	205.6	261.7	334.0	404.9	480.1	562.2	646.0	747.4	852.2
-32.5°	97.4	139.9	194.3	249.0	312.0	381.1	449.0	527.2	609.0	695.4	799.0
-35°	93.8	134.3	182.3	234.5	289.5	355.3	419.8	487.7	567.0	648.1	739.0
-37.5°	90.8	127.8	169.7	219.3	271.7	328.1	388.6	451.1	520.2	602.0	687.5
-40°	86.2	120.6	160.4	204.9	251.1	302.4	358.5	415.1	475.0	554.9	639.2
-42.5°	80.3	113.6	151.6	189.1	231.3	278.2	328.0	381.3	438.9	508.3	585.8
-45°	75.7	104.6	141.8	175.4	210.3	253.2	300.0	348.3	402.6	462.2	531.8
-47.5°	69.9	94.9	129.0	160.4	191.2	227.7	270.6	316.3	364.3	418.0	475.1
-50°	63.7	86.7	113.3	143.9	173.2	203.6	240.2	282.4	326.1	372.8	423.8
-52.5°	59.0	77.1	101.4	126.9	154.9	182.5	213.6	249.8	288.8	327.9	372.7
-55°	53.6	70.1	90.1	113.0	136.8	162.3	190.7	222.4	254.2	290.1	325.8
-57.5°	49.9	63.4	80.7	100.6	122.0	143.7	170.4	197.2	226.6	256.4	286.0
-60°	47.0	57.6	72.0	89.4	108.5	128.8	150.7	175.5	200.8	225.1	250.7
-62.5°	43.6	52.9	64.1	78.3	95.6	113.3	132.6	153.8	176.7	197.1	217.0
-65°	39.2	47.3	57.0	68.5	82.1	97.0	113.5	131.4	151.2	167.8	184.0
-67.5°	34.3	41.0	49.1	58.6	69.9	81.5	93.6	108.8	124.9	138.4	151.6
-70°	28.0	34.3	40.9	48.6	57.5	67.3	78.0	88.9	100.0	111.0	123.1
-72.5°	21.5	27.1	32.7	38.2	45.3	53.4	62.1	71.3	80.9	90.3	99.5
-75°	16.4	20.0	24.9	29.9	34.8	40.1	45.9	53.3	62.2	71.3	79.7
-77.5°	12.4	15.5	18.7	22.1	25.2	29.1	33.3	37.9	45.2	53.7	62.2
-80°	8.9	10.8	13.4	16.1	18.3	20.4	22.6	24.9	30.4	37.2	44.5
-82.5°	6.6	7.9	9.3	10.9	12.0	13.1	14.3	15.8	19.9	24.5	29.3
-85°	4.6	4.9	5.7	6.6	7.2	7.8	8.5	9.1	11.3	13.8	16.4
-87.5°	3.9	4.1	4.3	4.6	4.6	4.7	4.8	4.9	5.6	6.4	7.2
-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: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.4	4.7	5.0	5.2	5.5	5.8	6.1	6.3	6.6	6.6	6.6
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.1	0.8	0.5	0.3	0.4	0.7	0.8	0.8	0.7	0.6
62.5°	1.7	1.6	1.4	1.7	2.0	2.3	2.2	2.1	2.0	1.9	1.9
60°	6.5	4.3	5.0	6.3	5.9	4.0	6.6	7.5	6.4	4.4	4.2
57.5°	16.5	15.9	18.2	26.6	29.2	26.6	31.8	38.6	38.4	33.1	32.9
55°	35.1	47.0	61.5	63.8	73.9	94.0	109.7	102.9	102.8	108.0	124.7
52.5°	66.6	77.9	82.1	93.3	114.3	129.6	139.4	149.6	160.7	172.1	183.6
50°	97.7	108.7	121.1	132.6	161.8	177.4	174.8	195.8	222.7	239.6	248.2
47.5°	143.3	160.6	186.9	228.2	249.9	265.6	285.2	309.0	339.8	381.6	413.8
45°	197.0	224.2	265.0	308.8	342.5	357.9	380.2	417.1	466.3	514.1	549.1
42.5°	241.0	278.3	324.2	366.1	393.6	418.8	447.7	478.8	535.1	586.3	626.7
40°	298.2	327.3	378.8	418.3	442.9	467.9	513.8	560.3	613.3	660.9	694.1
37.5°	370.8	403.5	457.2	501.8	525.5	534.3	612.3	677.1	720.2	781.0	800.9
35°	448.8	502.7	571.0	628.9	652.1	698.5	778.8	869.3	967.2	1003.3	1034.1
32.5°	535.8	602.3	695.0	757.1	790.3	860.7	962.4	1058.9	1187.0	1256.6	1277.3
30°	615.5	691.6	771.4	831.7	888.4	973.2	1066.0	1185.0	1303.5	1392.4	1420.0
27.5°	673.8	758.2	834.8	891.4	955.4	1046.8	1162.4	1282.9	1399.2	1489.9	1522.1
25°	729.6	825.0	885.6	951.4	1026.5	1126.1	1254.3	1388.2	1502.7	1579.4	1618.9
22.5°	793.1	887.1	952.2	1007.9	1106.1	1220.9	1339.9	1491.2	1612.5	1673.7	1716.5
20°	858.5	964.9	1065.5	1117.3	1202.3	1347.6	1480.7	1623.6	1740.8	1804.6	1849.7
17.5°	949.9	1085.4	1208.8	1282.2	1373.2	1547.0	1713.1	1857.6	2020.6	2078.2	2133.4
15°	1046.2	1203.1	1347.6	1463.9	1581.4	1753.6	1967.4	2141.8	2327.9	2410.9	2504.8
12.5°	1142.2	1290.7	1421.6	1571.6	1737.3	1889.5	2093.1	2310.3	2479.1	2585.1	2648.3
10°	1214.0	1351.8	1477.9	1628.2	1793.5	1965.8	2168.1	2390.7	2567.4	2657.9	2709.5
7.5°	1252.7	1384.7	1517.6	1669.9	1834.5	2018.0	2226.5	2447.4	2628.0	2715.6	2766.6
5°	1281.5	1408.2	1545.9	1706.2	1872.7	2058.7	2266.9	2485.1	2649.9	2743.0	2807.4
2.5°	1298.9	1423.2	1563.9	1729.6	1896.5	2090.3	2308.5	2534.7	2678.9	2753.8	2813.0
0°	1304.0	1429.1	1574.0	1741.9	1913.1	2108.5	2324.7	2548.7	2694.6	2767.1	2827.5
-2.5°	1309.6	1438.5	1587.3	1749.9	1919.6	2114.5	2335.2	2553.4	2684.7	2757.8	2815.3
-5°	1305.7	1439.2	1587.6	1743.3	1914.2	2107.4	2319.3	2523.3	2660.7	2739.7	2796.9
-7.5°	1293.9	1429.3	1576.1	1725.8	1893.4	2088.9	2299.9	2496.3	2635.5	2718.8	2781.3
-10°	1276.7	1408.2	1556.0	1707.5	1873.2	2059.3	2267.0	2462.3	2595.5	2684.0	2756.8
-12.5°	1257.7	1386.4	1528.9	1674.2	1838.1	2021.8	2223.1	2408.0	2540.4	2636.9	2688.9
-15°	1229.4	1358.1	1494.4	1634.9	1794.6	1972.9	2165.1	2342.5	2472.5	2551.0	2608.6
-17.5°	1193.5	1319.8	1449.0	1582.3	1732.7	1908.3	2101.7	2276.6	2382.6	2452.7	2509.3
-20°	1155.0	1271.8	1394.2	1520.0	1665.8	1839.7	2029.7	2182.2	2282.2	2349.6	2402.9



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1111.0	1223.5	1335.6	1455.9	1598.8	1758.2	1926.1	2073.5	2180.9	2242.3	2291.6
-25°	1060.9	1170.3	1276.7	1392.9	1524.3	1667.6	1823.6	1968.5	2064.7	2129.8	2178.8
-27.5°	1006.9	1109.6	1213.6	1317.9	1436.0	1578.9	1723.3	1857.9	1940.0	2005.7	2054.9
-30°	953.0	1045.4	1141.6	1240.3	1351.2	1480.0	1615.1	1728.3	1814.8	1878.7	1924.4
-32.5°	894.6	982.3	1067.4	1159.7	1264.1	1377.6	1496.3	1603.9	1696.4	1754.9	1793.4
-35°	834.7	919.6	997.5	1081.3	1173.4	1271.3	1380.8	1487.0	1578.4	1624.6	1662.2
-37.5°	772.4	857.1	931.0	1000.9	1080.2	1170.9	1277.6	1378.9	1457.8	1497.6	1531.4
-40°	718.2	792.7	859.3	926.2	990.7	1071.2	1170.7	1268.8	1332.2	1370.9	1402.3
-42.5°	665.6	728.4	782.9	842.9	907.5	986.9	1067.2	1149.5	1200.4	1243.4	1276.4
-45°	604.3	660.5	711.6	761.5	820.3	892.8	965.8	1031.7	1079.4	1121.0	1153.2
-47.5°	536.5	590.8	640.4	685.1	739.7	800.2	861.6	916.4	963.5	1004.6	1033.3
-50°	473.3	521.8	570.2	615.5	662.8	711.7	761.6	809.7	854.4	894.3	918.8
-52.5°	416.7	461.4	503.8	543.3	584.8	626.1	667.3	711.4	752.6	790.4	809.9
-55°	365.5	405.9	444.1	477.3	510.6	543.4	578.8	619.5	657.3	692.3	706.3
-57.5°	319.6	354.1	387.9	416.1	443.2	469.3	500.4	534.7	567.8	597.8	609.3
-60°	277.3	304.7	333.0	357.9	381.6	404.0	431.0	458.7	485.6	508.2	517.9
-62.5°	238.4	261.8	283.2	303.6	323.6	343.8	365.6	387.5	409.2	426.7	435.5
-65°	200.9	219.6	236.8	253.5	269.7	286.6	303.7	320.4	336.4	348.9	356.5
-67.5°	165.8	179.9	193.6	206.6	220.1	233.8	247.2	260.0	272.1	281.7	289.0
-70°	134.5	145.5	156.2	167.0	178.3	188.9	199.0	208.6	217.5	224.5	230.1
-72.5°	108.4	117.3	126.6	136.3	145.4	153.4	160.6	167.6	174.3	178.2	181.1
-75°	87.4	94.9	103.0	110.8	118.4	124.5	129.8	135.0	139.9	140.2	139.2
-77.5°	70.6	77.3	83.5	89.7	95.8	99.5	102.8	106.1	109.5	107.5	104.5
-80°	51.8	57.4	62.7	68.0	73.3	75.5	77.0	78.4	79.5	76.9	73.8
-82.5°	34.4	37.9	41.3	44.8	48.4	49.8	50.9	51.7	52.4	50.1	47.4
-85°	19.2	20.9	22.5	24.2	25.9	26.9	27.8	28.6	29.3	28.0	26.4
-87.5°	8.0	8.4	8.8	9.1	9.5	9.8	10.2	10.5	10.8	10.9	10.9
-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: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.3
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	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.8	0.8
62.5°	2.0	2.1	2.2	2.2	2.2	2.1	2.0	1.9	1.9	2.0	2.1
60°	3.9	3.4	3.3	3.3	3.3	3.4	3.9	4.2	4.4	6.4	7.5
57.5°	30.4	26.0	26.7	29.6	26.7	26.0	30.4	32.9	33.1	38.4	38.6
55°	142.2	158.7	164.5	161.3	164.5	158.7	142.2	124.7	108.0	102.8	102.9
52.5°	192.7	199.5	202.1	202.0	202.1	199.5	192.7	183.6	172.1	160.7	149.6
50°	250.8	248.6	245.0	241.5	245.0	248.6	250.8	248.2	239.6	222.7	195.8
47.5°	418.6	411.3	408.3	413.8	408.3	411.3	418.6	413.8	381.6	339.8	309.0
45°	556.2	564.7	571.1	570.8	571.1	564.7	556.2	549.1	514.1	466.3	417.1
42.5°	634.6	639.1	640.5	638.8	640.5	639.1	634.6	626.7	586.3	535.1	478.8
40°	704.4	709.8	712.9	715.6	712.9	709.8	704.4	694.1	660.9	613.3	560.3
37.5°	807.5	809.4	805.1	802.4	805.1	809.4	807.5	800.9	781.0	720.2	677.1
35°	1060.0	1065.1	1053.1	1065.8	1053.1	1065.1	1060.0	1034.1	1003.3	967.2	869.3
32.5°	1302.1	1326.3	1346.0	1362.1	1346.0	1326.3	1302.1	1277.3	1256.6	1187.0	1058.9
30°	1439.2	1454.9	1463.3	1465.3	1463.3	1454.9	1439.2	1420.0	1392.4	1303.5	1185.0
27.5°	1540.0	1556.4	1566.6	1574.0	1566.6	1556.4	1540.0	1522.1	1489.9	1399.2	1282.9
25°	1637.0	1652.0	1662.2	1666.2	1662.2	1652.0	1637.0	1618.9	1579.4	1502.7	1388.2
22.5°	1737.8	1748.2	1758.0	1762.8	1758.0	1748.2	1737.8	1716.5	1673.7	1612.5	1491.2
20°	1882.1	1876.4	1885.4	1882.4	1885.4	1876.4	1882.1	1849.7	1804.6	1740.8	1623.6
17.5°	2176.4	2179.4	2185.4	2195.2	2185.4	2179.4	2176.4	2133.4	2078.2	2020.6	1857.6
15°	2546.4	2553.9	2591.7	2625.5	2591.7	2553.9	2546.4	2504.8	2410.9	2327.9	2141.8
12.5°	2706.9	2732.7	2736.7	2746.2	2736.7	2732.7	2706.9	2648.3	2585.1	2479.1	2310.3
10°	2760.5	2805.1	2804.2	2815.4	2804.2	2805.1	2760.5	2709.5	2657.9	2567.4	2390.7
7.5°	2801.2	2849.1	2869.3	2877.9	2869.3	2849.1	2801.2	2766.6	2715.6	2628.0	2447.4
5°	2850.8	2877.2	2912.1	2902.1	2912.1	2877.2	2850.8	2807.4	2743.0	2649.9	2485.1
2.5°	2871.6	2912.8	2903.3	2913.1	2903.3	2912.8	2871.6	2813.0	2753.8	2678.9	2534.7
0°	2885.6	2915.3	2919.7	2929.5	2919.7	2915.3	2885.6	2827.5	2767.1	2694.6	2548.7
-2.5°	2868.6	2894.7	2940.4	2926.2	2940.4	2894.7	2868.6	2815.3	2757.8	2684.7	2553.4
-5°	2853.7	2917.9	2892.9	2924.0	2892.9	2917.9	2853.7	2796.9	2739.7	2660.7	2523.3
-7.5°	2846.0	2857.4	2874.0	2897.7	2874.0	2857.4	2846.0	2781.3	2718.8	2635.5	2496.3
-10°	2786.4	2798.2	2828.5	2845.0	2828.5	2798.2	2786.4	2756.8	2684.0	2595.5	2462.3
-12.5°	2721.8	2744.5	2776.5	2786.8	2776.5	2744.5	2721.8	2688.9	2636.9	2540.4	2408.0
-15°	2647.4	2681.1	2712.3	2718.8	2712.3	2681.1	2647.4	2608.6	2551.0	2472.5	2342.5
-17.5°	2552.7	2593.2	2625.9	2633.2	2625.9	2593.2	2552.7	2509.3	2452.7	2382.6	2276.6
-20°	2448.4	2487.2	2515.0	2523.4	2515.0	2487.2	2448.4	2402.9	2349.6	2282.2	2182.2



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2336.8	2371.7	2395.2	2391.7	2395.2	2371.7	2336.8	2291.6	2242.3	2180.9	2073.5
-25°	2218.2	2250.7	2273.0	2269.9	2273.0	2250.7	2218.2	2178.8	2129.8	2064.7	1968.5
-27.5°	2092.9	2123.6	2145.1	2145.8	2145.1	2123.6	2092.9	2054.9	2005.7	1940.0	1857.9
-30°	1961.2	1989.1	2006.6	1999.9	2006.6	1989.1	1961.2	1924.4	1878.7	1814.8	1728.3
-32.5°	1825.4	1850.6	1866.6	1871.4	1866.6	1850.6	1825.4	1793.4	1754.9	1696.4	1603.9
-35°	1691.4	1713.6	1727.5	1730.9	1727.5	1713.6	1691.4	1662.2	1624.6	1578.4	1487.0
-37.5°	1558.3	1577.4	1587.1	1582.8	1587.1	1577.4	1558.3	1531.4	1497.6	1457.8	1378.9
-40°	1426.8	1445.0	1456.1	1458.7	1456.1	1445.0	1426.8	1402.3	1370.9	1332.2	1268.8
-42.5°	1297.5	1312.6	1322.3	1327.0	1322.3	1312.6	1297.5	1276.4	1243.4	1200.4	1149.5
-45°	1172.0	1185.5	1194.6	1199.7	1194.6	1185.5	1172.0	1153.2	1121.0	1079.4	1031.7
-47.5°	1049.9	1061.7	1069.6	1073.5	1069.6	1061.7	1049.9	1033.3	1004.6	963.5	916.4
-50°	933.1	943.3	950.7	954.9	950.7	943.3	933.1	918.8	894.3	854.4	809.7
-52.5°	822.4	831.3	837.6	840.8	837.6	831.3	822.4	809.9	790.4	752.6	711.4
-55°	716.6	723.9	729.7	733.2	729.7	723.9	716.6	706.3	692.3	657.3	619.5
-57.5°	618.0	623.9	629.4	633.3	629.4	623.9	618.0	609.3	597.8	567.8	534.7
-60°	525.6	531.3	535.9	538.9	535.9	531.3	525.6	517.9	508.2	485.6	458.7
-62.5°	442.4	447.3	451.6	454.4	451.6	447.3	442.4	435.5	426.7	409.2	387.5
-65°	362.5	367.0	370.2	372.1	370.2	367.0	362.5	356.5	348.9	336.4	320.4
-67.5°	295.2	300.3	301.3	300.7	301.3	300.3	295.2	289.0	281.7	272.1	260.0
-70°	235.2	239.5	240.5	240.4	240.5	239.5	235.2	230.1	224.5	217.5	208.6
-72.5°	183.9	186.2	184.2	181.1	184.2	186.2	183.9	181.1	178.2	174.3	167.6
-75°	138.0	136.5	134.3	131.7	134.3	136.5	138.0	139.2	140.2	139.9	135.0
-77.5°	101.0	97.3	94.9	92.2	94.9	97.3	101.0	104.5	107.5	109.5	106.1
-80°	70.4	66.7	64.2	61.5	64.2	66.7	70.4	73.8	76.9	79.5	78.4
-82.5°	44.6	41.5	40.0	38.4	40.0	41.5	44.6	47.4	50.1	52.4	51.7
-85°	24.7	22.9	21.9	20.9	21.9	22.9	24.7	26.4	28.0	29.3	28.6
-87.5°	11.0	11.0	10.4	9.9	10.4	11.0	11.0	10.9	10.9	10.8	10.5
-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: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.9	3.6	3.3
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	0.1	0.1	0.1	0.0	0.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.7	0.6	0.6
65°	0.7	0.4	0.3	0.5	0.8	1.1	1.2	1.0	1.0	1.1	1.4
62.5°	2.2	2.3	2.0	1.7	1.4	1.6	1.7	1.9	1.6	1.3	1.7
60°	6.6	4.0	5.9	6.3	5.0	4.3	6.5	6.2	3.2	2.8	2.5
57.5°	31.8	26.6	29.2	26.6	18.2	15.9	16.5	15.7	14.2	8.7	3.7
55°	109.7	94.0	73.9	63.8	61.5	47.0	35.1	29.3	26.6	19.2	12.7
52.5°	139.4	129.6	114.3	93.3	82.1	77.9	66.6	53.2	42.3	33.9	24.3
50°	174.8	177.4	161.8	132.6	121.1	108.7	97.7	82.3	68.4	54.9	40.5
47.5°	285.2	265.6	249.9	228.2	186.9	160.6	143.3	118.0	99.0	82.7	64.9
45°	380.2	357.9	342.5	308.8	265.0	224.2	197.0	165.4	131.7	109.8	93.7
42.5°	447.7	418.8	393.6	366.1	324.2	278.3	241.0	209.7	174.3	138.7	117.3
40°	513.8	467.9	442.9	418.3	378.8	327.3	298.2	252.3	215.3	175.9	146.6
37.5°	612.3	534.3	525.5	501.8	457.2	403.5	370.8	325.5	256.9	219.8	186.2
35°	778.8	698.5	652.1	628.9	571.0	502.7	448.8	406.5	338.5	265.3	226.6
32.5°	962.4	860.7	790.3	757.1	695.0	602.3	535.8	482.0	413.7	330.9	268.8
30°	1066.0	973.2	888.4	831.7	771.4	691.6	615.5	539.4	465.3	396.8	314.6
27.5°	1162.4	1046.8	955.4	891.4	834.8	758.2	673.8	592.4	511.0	443.3	369.9
25°	1254.3	1126.1	1026.5	951.4	885.6	825.0	729.6	640.6	555.7	480.8	423.5
22.5°	1339.9	1220.9	1106.1	1007.9	952.2	887.1	793.1	685.2	602.3	539.3	471.8
20°	1480.7	1347.6	1202.3	1117.3	1065.5	964.9	858.5	751.9	675.7	603.6	524.2
17.5°	1713.1	1547.0	1373.2	1282.2	1208.8	1085.4	949.9	844.1	749.0	668.6	581.3
15°	1967.4	1753.6	1581.4	1463.9	1347.6	1203.1	1046.2	931.9	823.8	733.4	633.7
12.5°	2093.1	1889.5	1737.3	1571.6	1421.6	1290.7	1142.2	1016.2	893.5	775.8	666.1
10°	2168.1	1965.8	1793.5	1628.2	1477.9	1351.8	1214.0	1064.7	928.4	803.8	693.1
7.5°	2226.5	2018.0	1834.5	1669.9	1517.6	1384.7	1252.7	1096.2	956.3	826.4	714.8
5°	2266.9	2058.7	1872.7	1706.2	1545.9	1408.2	1281.5	1120.1	977.0	843.6	731.3
2.5°	2308.5	2090.3	1896.5	1729.6	1563.9	1423.2	1298.9	1138.3	993.9	856.3	745.1
0°	2324.7	2108.5	1913.1	1741.9	1574.0	1429.1	1304.0	1150.3	1005.4	863.8	754.1
-2.5°	2335.2	2114.5	1919.6	1749.9	1587.3	1438.5	1309.6	1163.7	1009.0	871.9	756.6
-5°	2319.3	2107.4	1914.2	1743.3	1587.6	1439.2	1305.7	1165.7	1008.1	874.0	754.6
-7.5°	2299.9	2088.9	1893.4	1725.8	1576.1	1429.3	1293.9	1157.0	1004.7	870.5	750.9
-10°	2267.0	2059.3	1873.2	1707.5	1556.0	1408.2	1276.7	1140.5	993.5	860.5	742.2
-12.5°	2223.1	2021.8	1838.1	1674.2	1528.9	1386.4	1257.7	1117.6	974.3	844.0	728.4
-15°	2165.1	1972.9	1794.6	1634.9	1494.4	1358.1	1229.4	1092.3	955.7	823.5	709.5
-17.5°	2101.7	1908.3	1732.7	1582.3	1449.0	1319.8	1193.5	1065.7	934.1	804.3	692.4
-20°	2029.7	1839.7	1665.8	1520.0	1394.2	1271.8	1155.0	1035.9	904.3	782.2	674.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1926.1	1758.2	1598.8	1455.9	1335.6	1223.5	1111.0	995.9	865.5	754.6	650.1
-25°	1823.6	1667.6	1524.3	1392.9	1276.7	1170.3	1060.9	946.8	831.1	722.1	620.3
-27.5°	1723.3	1578.9	1436.0	1317.9	1213.6	1109.6	1006.9	898.9	792.4	685.6	592.4
-30°	1615.1	1480.0	1351.2	1240.3	1141.6	1045.4	953.0	852.2	747.4	646.0	562.2
-32.5°	1496.3	1377.6	1264.1	1159.7	1067.4	982.3	894.6	799.0	695.4	609.0	527.2
-35°	1380.8	1271.3	1173.4	1081.3	997.5	919.6	834.7	739.0	648.1	567.0	487.7
-37.5°	1277.6	1170.9	1080.2	1000.9	931.0	857.1	772.4	687.5	602.0	520.2	451.1
-40°	1170.7	1071.2	990.7	926.2	859.3	792.7	718.2	639.2	554.9	475.0	415.1
-42.5°	1067.2	986.9	907.5	842.9	782.9	728.4	665.6	585.8	508.3	438.9	381.3
-45°	965.8	892.8	820.3	761.5	711.6	660.5	604.3	531.8	462.2	402.6	348.3
-47.5°	861.6	800.2	739.7	685.1	640.4	590.8	536.5	475.1	418.0	364.3	316.3
-50°	761.6	711.7	662.8	615.5	570.2	521.8	473.3	423.8	372.8	326.1	282.4
-52.5°	667.3	626.1	584.8	543.3	503.8	461.4	416.7	372.7	327.9	288.8	249.8
-55°	578.8	543.4	510.6	477.3	444.1	405.9	365.5	325.8	290.1	254.2	222.4
-57.5°	500.4	469.3	443.2	416.1	387.9	354.1	319.6	286.0	256.4	226.6	197.2
-60°	431.0	404.0	381.6	357.9	333.0	304.7	277.3	250.7	225.1	200.8	175.5
-62.5°	365.6	343.8	323.6	303.6	283.2	261.8	238.4	217.0	197.1	176.7	153.8
-65°	303.7	286.6	269.7	253.5	236.8	219.6	200.9	184.0	167.8	151.2	131.4
-67.5°	247.2	233.8	220.1	206.6	193.6	179.9	165.8	151.6	138.4	124.9	108.8
-70°	199.0	188.9	178.3	167.0	156.2	145.5	134.5	123.1	111.0	100.0	88.9
-72.5°	160.6	153.4	145.4	136.3	126.6	117.3	108.4	99.5	90.3	80.9	71.3
-75°	129.8	124.5	118.4	110.8	103.0	94.9	87.4	79.7	71.3	62.2	53.3
-77.5°	102.8	99.5	95.8	89.7	83.5	77.3	70.6	62.2	53.7	45.2	37.9
-80°	77.0	75.5	73.3	68.0	62.7	57.4	51.8	44.5	37.2	30.4	24.9
-82.5°	50.9	49.8	48.4	44.8	41.3	37.9	34.4	29.3	24.5	19.9	15.8
-85°	27.8	26.9	25.9	24.2	22.5	20.9	19.2	16.4	13.8	11.3	9.1
-87.5°	10.2	9.8	9.5	9.1	8.8	8.4	8.0	7.2	6.4	5.6	4.9
-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: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.8	2.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
82.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.3	0.6	0.7	0.8	0.6	0.4	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.0	1.0	0.8	0.5
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.6	0.9	1.1	0.9
72.5°	0.0	0.0	0.0	0.1	0.3	0.3	0.2	0.2	0.6	0.9	1.1
70°	0.2	0.1	0.0	0.2	0.5	0.7	0.6	0.5	0.4	0.8	1.0
67.5°	0.5	0.6	0.4	0.3	0.5	0.8	1.0	1.0	0.9	0.7	1.0
65°	1.3	1.2	1.1	1.0	0.8	0.8	1.1	1.4	1.3	1.1	1.0
62.5°	1.9	1.9	1.8	1.6	1.4	1.2	1.1	1.5	1.7	1.5	1.2
60°	2.5	2.6	2.5	2.2	2.0	1.8	1.6	1.7	1.9	1.9	1.6
57.5°	3.4	3.3	3.3	3.0	2.6	2.4	2.2	2.2	2.2	2.2	1.9
55°	6.0	4.2	4.2	3.9	3.4	2.9	2.8	2.7	2.6	2.5	2.2
52.5°	15.3	8.5	5.4	5.0	4.4	3.6	3.3	3.2	3.0	2.9	2.5
50°	28.2	18.3	10.3	6.5	5.5	4.7	3.9	3.7	3.5	3.3	2.9
47.5°	45.1	31.4	20.4	10.2	7.1	5.9	4.9	4.2	4.0	3.7	3.2
45°	69.4	46.2	32.0	20.2	9.5	8.1	6.1	4.7	4.4	4.1	3.5
42.5°	96.6	67.8	44.9	30.5	18.1	11.3	7.2	5.7	4.9	4.5	3.8
40°	123.2	93.7	60.3	42.1	27.3	15.1	10.4	6.9	5.3	4.9	4.2
37.5°	152.7	121.0	84.5	54.5	36.7	23.0	14.3	8.0	6.1	5.4	4.6
35°	189.1	151.4	108.7	72.6	48.7	30.3	18.6	10.2	7.4	5.8	5.0
32.5°	225.6	181.7	134.9	93.6	61.1	37.1	24.2	14.5	9.1	6.3	5.4
30°	262.2	209.5	159.5	113.1	75.5	48.0	30.1	18.7	10.9	6.9	5.8
27.5°	295.2	235.7	182.5	133.4	92.3	59.5	36.4	22.8	13.0	7.8	6.2
25°	332.4	264.0	205.2	152.9	107.7	71.4	42.9	26.8	16.0	9.4	6.7
22.5°	380.4	293.1	226.3	170.6	122.9	82.9	51.1	32.1	19.3	11.1	7.1
20°	428.1	321.6	246.9	192.7	139.5	95.8	60.7	37.3	22.4	12.8	7.5
17.5°	474.9	358.0	276.8	215.2	157.2	107.9	69.7	42.5	25.4	14.6	7.9
15°	516.8	399.7	306.3	236.6	174.6	119.0	78.0	47.5	28.1	16.3	8.5
12.5°	552.0	435.7	334.0	256.6	191.3	129.2	85.6	52.3	30.7	18.3	9.3
10°	581.1	466.1	359.7	275.0	207.1	138.4	92.4	57.1	33.7	20.4	10.1
7.5°	604.3	491.3	383.1	291.8	221.4	147.0	99.7	62.2	36.5	22.4	10.9
5°	621.8	510.9	401.2	303.8	232.8	154.8	106.4	66.8	39.2	24.2	11.7
2.5°	633.2	525.3	414.6	313.2	242.1	161.4	112.4	71.0	41.7	25.9	12.5
0°	639.9	535.6	424.8	320.5	249.2	166.8	117.4	74.6	43.9	27.4	13.2
-2.5°	645.9	542.4	433.6	333.1	254.0	175.6	120.6	77.9	47.4	28.5	14.5
-5°	647.9	545.4	439.4	342.8	257.0	182.8	122.9	80.6	50.4	29.4	15.8
-7.5°	644.5	543.6	441.4	348.4	258.3	187.8	124.2	82.7	52.9	30.1	16.8
-10°	637.1	537.7	438.8	346.7	260.2	189.4	125.0	84.2	54.7	30.6	17.7
-12.5°	626.1	528.8	433.0	343.0	259.9	188.4	127.1	85.4	55.6	30.9	18.4
-15°	611.7	517.2	424.2	337.6	256.8	186.1	127.6	85.9	55.5	31.6	18.8
-17.5°	594.7	503.1	412.3	330.7	250.7	182.7	126.4	85.3	55.0	32.5	19.2
-20°	577.7	487.4	398.3	322.5	241.5	178.3	123.5	83.8	54.0	33.2	19.6

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Scaled Data Report



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	557.8	469.4	386.2	311.1	231.6	172.9	118.7	81.1	52.5	33.4	19.7
-25°	534.9	448.4	371.7	295.4	223.7	166.9	113.7	77.3	50.7	33.3	19.7
-27.5°	509.0	426.0	354.5	278.2	215.6	158.5	109.0	74.5	49.1	32.9	19.4
-30°	480.1	404.9	334.0	261.7	205.6	149.3	102.8	71.4	48.4	32.3	18.8
-32.5°	449.0	381.1	312.0	249.0	194.3	139.9	97.4	67.9	47.2	31.5	18.9
-35°	419.8	355.3	289.5	234.5	182.3	134.3	93.8	64.0	45.4	30.4	19.0
-37.5°	388.6	328.1	271.7	219.3	169.7	127.8	90.8	62.2	43.2	28.9	18.9
-40°	358.5	302.4	251.1	204.9	160.4	120.6	86.2	60.3	41.1	27.2	18.7
-42.5°	328.0	278.2	231.3	189.1	151.6	113.6	80.3	57.3	39.4	26.3	18.2
-45°	300.0	253.2	210.3	175.4	141.8	104.6	75.7	53.5	37.3	25.6	17.9
-47.5°	270.6	227.7	191.2	160.4	129.0	94.9	69.9	50.5	34.8	24.7	17.6
-50°	240.2	203.6	173.2	143.9	113.3	86.7	63.7	47.0	33.9	24.0	17.2
-52.5°	213.6	182.5	154.9	126.9	101.4	77.1	59.0	43.3	32.7	23.3	16.6
-55°	190.7	162.3	136.8	113.0	90.1	70.1	53.6	41.5	31.2	22.6	15.8
-57.5°	170.4	143.7	122.0	100.6	80.7	63.4	49.9	39.3	29.7	21.5	15.2
-60°	150.7	128.8	108.5	89.4	72.0	57.6	47.0	36.9	27.8	20.2	14.4
-62.5°	132.6	113.3	95.6	78.3	64.1	52.9	43.6	34.0	25.6	18.5	13.4
-65°	113.5	97.0	82.1	68.5	57.0	47.3	39.2	30.7	22.7	16.5	12.2
-67.5°	93.6	81.5	69.9	58.6	49.1	41.0	34.3	26.4	19.4	14.1	10.7
-70°	78.0	67.3	57.5	48.6	40.9	34.3	28.0	21.4	15.6	12.1	9.1
-72.5°	62.1	53.4	45.3	38.2	32.7	27.1	21.5	16.4	13.0	10.0	7.4
-75°	45.9	40.1	34.8	29.9	24.9	20.0	16.4	13.0	10.2	7.8	6.3
-77.5°	33.3	29.1	25.2	22.1	18.7	15.5	12.4	9.5	7.7	6.5	5.3
-80°	22.6	20.4	18.3	16.1	13.4	10.8	8.9	7.3	6.2	5.2	4.2
-82.5°	14.3	13.1	12.0	10.9	9.3	7.9	6.6	5.5	4.7	3.9	3.4
-85°	8.5	7.8	7.2	6.6	5.7	4.9	4.6	4.2	3.9	3.5	3.1
-87.5°	4.8	4.7	4.6	4.6	4.3	4.1	3.9	3.8	3.4	3.1	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.2	1.9	1.7	1.4	1.1	1.1	1.1
87.5°	0.8	0.9	1.0	1.1	1.1	1.1	1.1
85°	0.5	0.7	0.9	1.0	1.1	1.1	1.1
82.5°	0.3	0.6	0.8	1.0	1.1	1.1	1.1
80°	0.1	0.4	0.7	1.0	1.1	1.1	1.1
77.5°	0.3	0.4	0.6	0.9	1.1	1.1	1.1
75°	0.6	0.5	0.6	0.9	1.1	1.1	1.1
72.5°	0.9	0.7	0.7	0.9	1.1	1.1	1.1
70°	1.1	0.9	0.8	0.9	1.1	1.1	1.1
67.5°	1.1	1.0	0.9	0.9	1.1	1.1	1.1
65°	1.2	1.1	1.0	1.0	1.1	1.1	1.1
62.5°	1.2	1.2	1.0	1.0	1.1	1.1	1.1
60°	1.3	1.3	1.1	1.0	1.1	1.1	1.1
57.5°	1.6	1.4	1.2	1.0	1.1	1.1	1.1
55°	1.8	1.5	1.3	1.1	1.1	1.1	1.1
52.5°	2.1	1.7	1.4	1.1	1.1	1.1	1.1
50°	2.4	1.9	1.6	1.1	1.2	1.1	1.1
47.5°	2.7	2.1	1.7	1.1	1.2	1.1	1.1
45°	2.9	2.3	1.8	1.2	1.2	1.1	1.1
42.5°	3.2	2.6	2.0	1.3	1.3	1.1	1.1
40°	3.4	2.8	2.1	1.5	1.3	1.1	1.1
37.5°	3.6	3.0	2.3	1.6	1.4	1.1	1.1
35°	3.9	3.1	2.4	1.8	1.4	1.1	1.1
32.5°	4.1	3.3	2.6	1.9	1.4	1.1	1.1
30°	4.5	3.5	2.7	2.0	1.5	1.1	1.1
27.5°	4.8	3.7	2.9	2.2	1.6	1.1	1.1
25°	5.1	3.8	3.0	2.3	1.6	1.1	1.1
22.5°	5.4	4.0	3.2	2.4	1.7	1.1	1.1
20°	5.7	4.2	3.4	2.5	1.7	1.1	1.1
17.5°	6.1	4.4	3.5	2.6	1.8	1.1	1.1
15°	6.4	4.6	3.7	2.8	1.9	1.1	1.1
12.5°	6.6	4.8	3.8	2.9	1.9	1.1	1.1
10°	6.9	4.9	3.9	3.0	2.0	1.1	1.1
7.5°	7.1	5.1	4.1	3.1	2.0	1.1	1.1
5°	7.4	5.2	4.2	3.1	2.1	1.1	1.1
2.5°	7.5	5.4	4.3	3.2	2.1	1.1	1.1
0°	7.7	5.5	4.4	3.3	2.2	1.1	1.1
-2.5°	8.1	5.6	4.5	3.3	2.2	1.1	1.1
-5°	8.5	5.7	4.6	3.3	2.2	1.1	1.1
-7.5°	8.9	5.8	4.6	3.3	2.2	1.1	1.1
-10°	9.1	5.9	4.7	3.2	2.2	1.1	1.1
-12.5°	9.4	6.0	4.7	3.2	2.1	1.1	1.1
-15°	9.5	6.0	4.7	3.2	2.1	1.1	1.1
-17.5°	9.5	6.1	4.7	3.1	2.1	1.1	1.1
-20°	9.8	6.1	4.7	3.1	2.1	1.1	1.1

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Scaled Data Report



REPORT NUMBER: P626710 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.4	6.1	4.7	3.0	2.0	1.1	1.1
-25°	10.9	6.5	4.6	3.0	2.0	1.1	1.1
-27.5°	11.3	7.1	4.5	2.9	2.0	1.1	1.1
-30°	11.6	7.5	4.3	2.9	1.9	1.1	1.1
-32.5°	11.8	7.9	4.5	2.8	1.9	1.1	1.1
-35°	12.1	8.1	4.6	2.7	1.8	1.1	1.1
-37.5°	12.4	8.3	4.7	2.6	1.7	1.1	1.1
-40°	12.6	8.4	4.7	2.5	1.7	1.1	1.1
-42.5°	12.7	8.4	4.8	2.5	1.6	1.1	1.1
-45°	12.6	8.3	4.8	2.5	1.6	1.1	1.1
-47.5°	12.4	8.2	4.8	2.5	1.5	1.1	1.1
-50°	12.1	8.0	4.7	2.4	1.4	1.1	1.1
-52.5°	11.8	7.8	4.5	2.4	1.3	1.1	1.1
-55°	11.4	7.5	4.3	2.3	1.3	1.1	1.1
-57.5°	10.9	7.0	4.1	2.2	1.2	1.1	1.1
-60°	10.3	6.6	3.8	2.1	1.1	1.1	1.1
-62.5°	9.4	6.0	3.6	2.0	1.1	1.1	1.1
-65°	8.5	5.4	3.4	1.9	1.1	1.1	1.1
-67.5°	7.5	4.8	3.1	1.7	1.1	1.1	1.1
-70°	6.4	4.4	2.8	1.6	1.1	1.1	1.1
-72.5°	5.6	3.9	2.5	1.6	1.1	1.1	1.1
-75°	4.9	3.4	2.2	1.5	1.1	1.1	1.1
-77.5°	4.1	2.9	2.1	1.5	1.1	1.1	1.1
-80°	3.4	2.6	2.0	1.5	1.1	1.1	1.1
-82.5°	3.0	2.4	1.9	1.5	1.1	1.1	1.1
-85°	2.8	2.3	1.8	1.4	1.1	1.1	1.1
-87.5°	2.5	2.1	1.7	1.4	1.1	1.1	1.1
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)