

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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4D-722-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

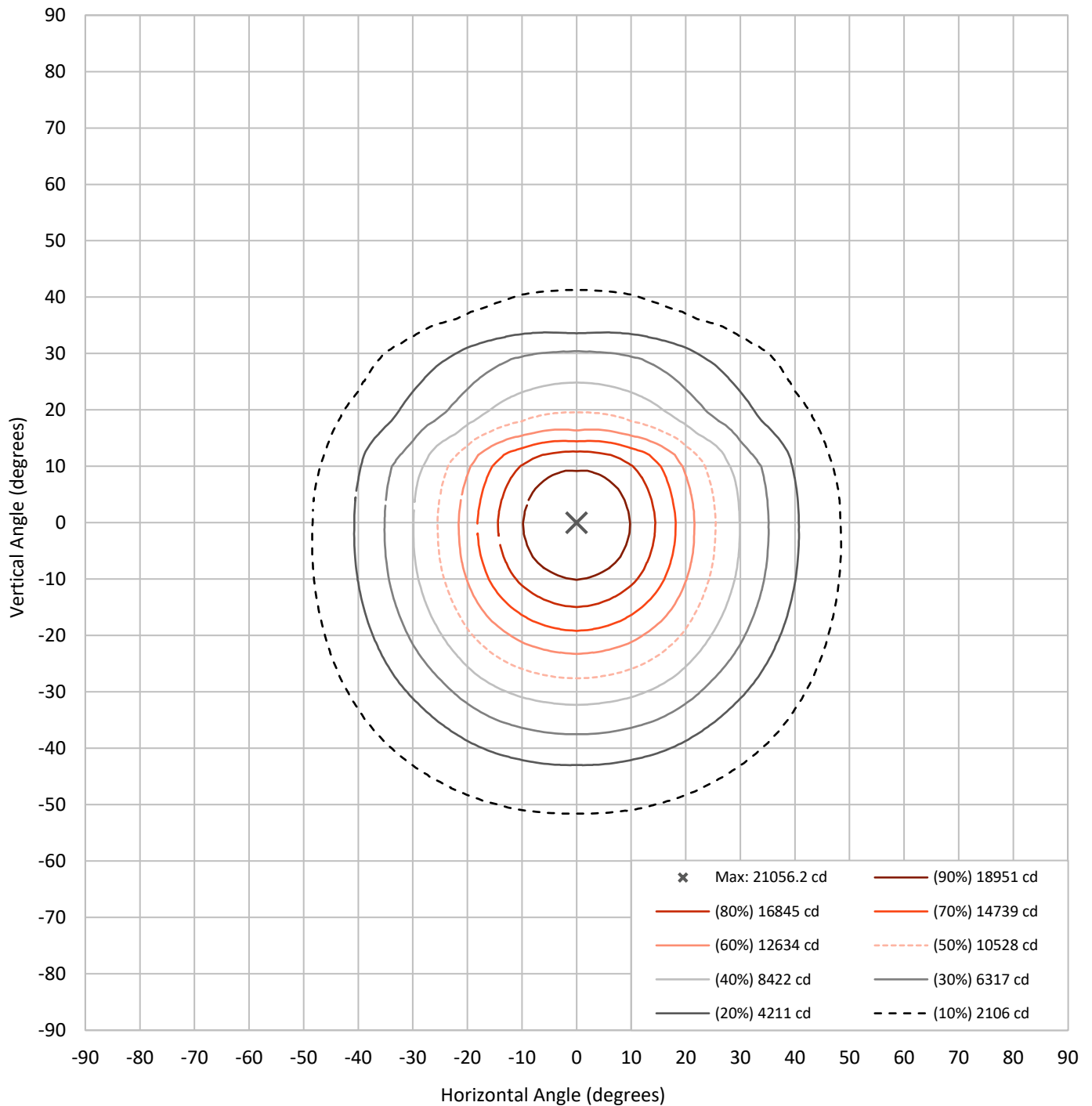
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18576.1 lumens	Max Intensity:	21056.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	8943.5 lumens	Field Lumens:	16632 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	221.4		
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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

Iso-Candela Plot





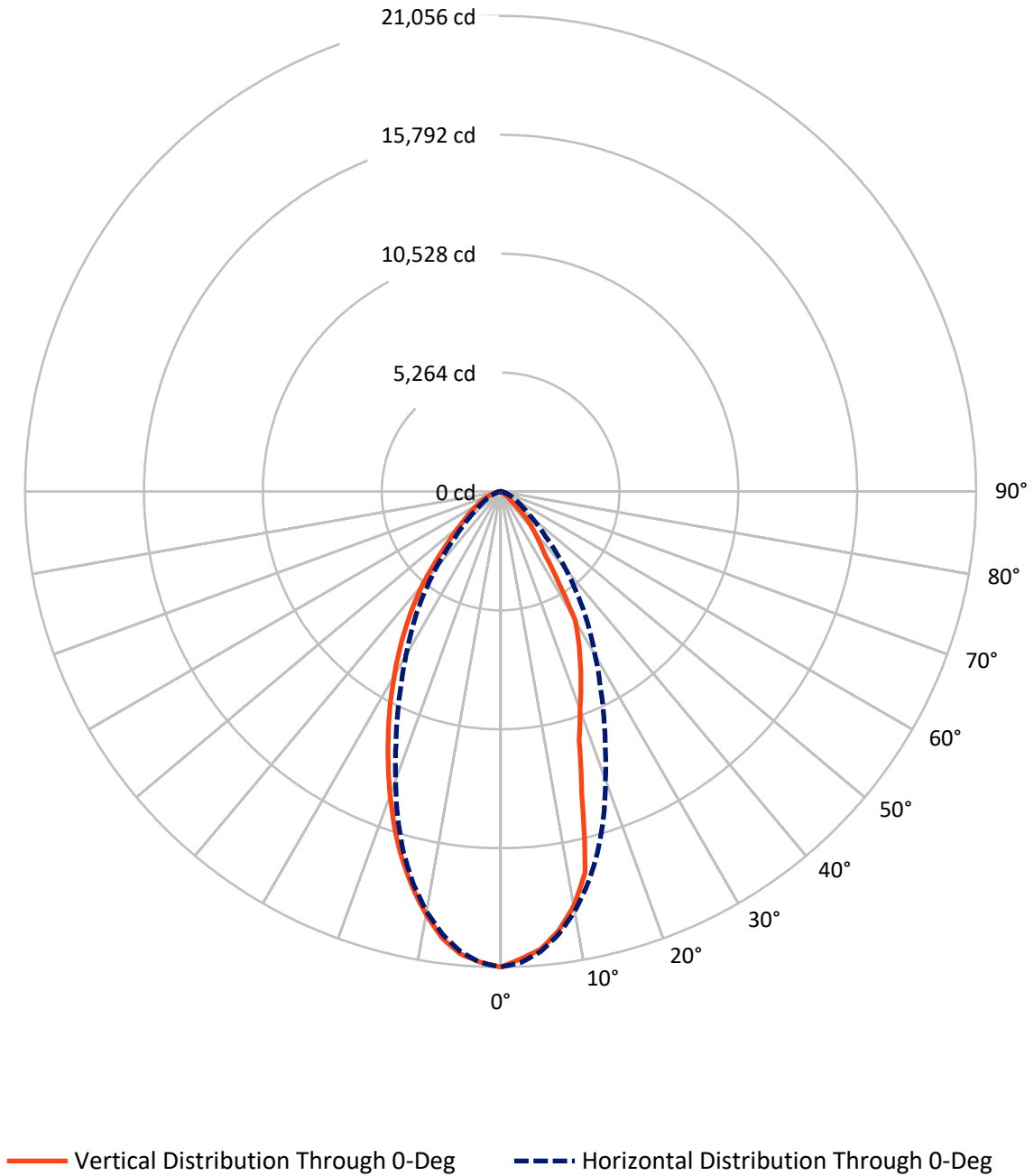
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1				
50		0.4	1.0	1.8	2.9	4.3	5.8	6.6	6.6	5.8	4.3	2.9	1.8	1.0		0.4			
40	0.8	1.4	3.6	7.5	13.8	22.7	32.7	40.1	40.1	32.7	22.7	13.8	7.5	3.6	1.4	0.8			
30		2.8	7.2	16.8	34.7	63.7	97.4	117.1	117.1	97.4	63.7	34.7	16.8	7.2	2.8				
20	2.0	4.4	11.8	30.5	72.2	135.5	206.2	248.5	248.5	206.2	135.5	72.2	30.5	11.8	4.4	2.0			
10		6.0	16.8	47.8	118.7	219.5	343.0	424.1	424.1	343.0	219.5	118.7	47.8	16.8	6.0				
0	2.9	7.0	21.1	61.9	155.9	290.5	466.5	591.4	591.4	466.5	290.5	155.9	61.9	21.1	7.0	2.9			
-10		7.3	21.9	63.8	158.1	294.7	471.2	595.1	595.1	471.2	294.7	158.1	63.8	21.9	7.3				
-20	3.1	7.2	20.8	56.9	140.1	258.8	398.9	492.3	492.3	398.9	258.8	140.1	56.9	20.8	7.2	3.1			
-30		6.6	18.0	44.5	104.5	195.1	290.8	348.7	348.7	290.8	195.1	104.5	44.5	18.0	6.6				
-40	2.6	5.8	14.6	32.2	65.8	121.0	182.6	217.4	217.4	182.6	121.0	65.8	32.2	14.6	5.8	2.6			
-50		4.8	11.2	22.2	39.5	63.4	90.9	108.2	108.2	90.9	63.4	39.5	22.2	11.2	4.8				
-60	1.7	3.8	8.2	14.8	24.2	34.7	44.9	50.8	50.8	44.9	34.7	24.2	14.8	8.2	3.8	1.7			
-70		2.6	5.5	9.1	14.0	19.1	23.4	25.5	25.5	23.4	19.1	14.0	9.1	5.5	2.6				
-80	0.4	5.3	13.6	24.4	22.2	24.4	13.6	5.3	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

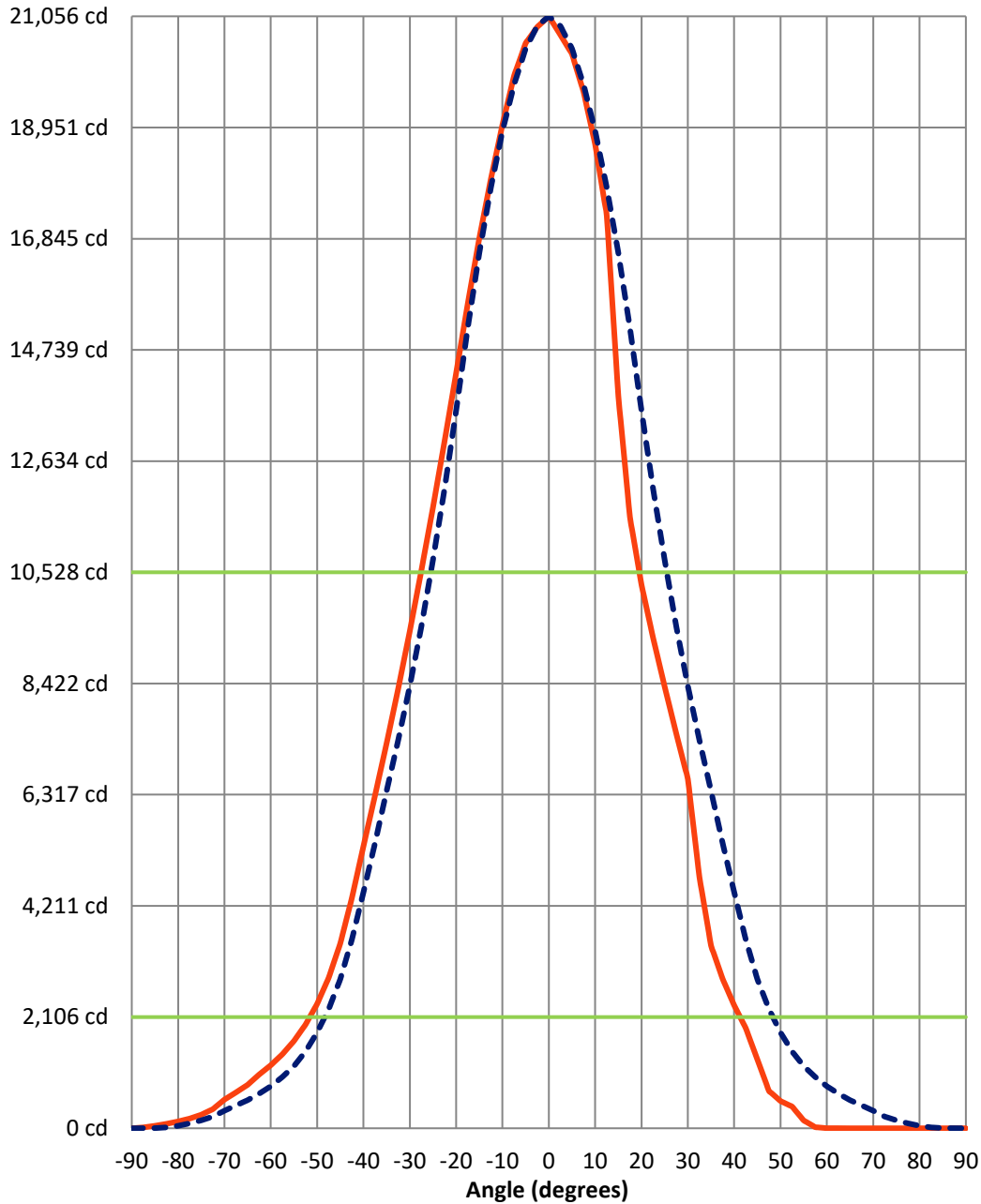
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 8943.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 16632
 Efficiency: 89.5%

Spill:
 Lumens: 1944.2
 Efficiency: 10.5%

— 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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.5	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
67.5°	0.0	0.6	1.1	1.5	1.5	1.5	1.6	1.5	1.5	1.9	1.9
65°	0.0	0.6	1.3	1.5	1.5	1.7	1.8	1.5	2.2	2.5	2.9
62.5°	0.0	0.7	1.4	1.5	1.5	2.0	2.0	2.0	2.9	4.0	6.3
60°	0.0	0.7	1.5	1.5	1.5	2.4	2.3	2.8	3.6	9.9	10.8
57.5°	0.0	0.8	1.5	1.5	1.9	2.8	4.1	3.9	9.8	16.8	18.4
55°	0.0	0.9	1.5	1.5	2.4	3.3	6.2	5.7	18.0	25.3	28.6
52.5°	0.0	0.9	1.6	1.5	2.9	4.1	8.7	14.1	26.8	37.5	40.5
50°	0.0	1.0	1.6	1.5	3.4	6.8	11.5	23.4	37.5	51.1	61.8
47.5°	0.0	1.0	1.6	1.6	3.9	9.5	15.3	32.7	51.5	66.0	83.9
45°	0.0	1.1	1.7	2.0	4.4	12.5	23.4	42.2	65.6	85.6	105.7
42.5°	0.0	1.1	1.7	2.4	5.0	15.6	31.6	53.2	79.6	104.9	129.8
40°	0.0	1.1	1.8	3.0	6.6	18.9	39.6	65.4	94.2	123.7	155.1
37.5°	0.0	1.2	1.8	3.6	9.1	22.4	47.6	77.4	110.0	143.1	180.8
35°	0.0	1.2	1.9	4.3	11.7	27.8	55.6	89.2	125.8	166.1	208.9
32.5°	0.0	1.3	2.0	5.1	14.4	34.1	64.0	100.8	141.7	189.8	240.4
30°	0.0	1.3	2.0	5.9	17.0	40.2	73.4	112.6	157.5	214.1	272.3
27.5°	0.0	1.3	2.1	6.7	20.1	46.1	82.5	125.6	175.0	238.7	304.2
25°	0.0	1.4	2.2	7.6	23.1	51.9	91.3	138.2	195.0	264.9	336.1
22.5°	0.0	1.4	2.3	8.5	26.0	57.4	99.7	150.6	214.9	291.4	368.5
20°	0.0	1.4	2.4	9.5	28.9	62.8	107.7	162.5	234.4	317.4	399.3
17.5°	0.0	1.4	2.5	10.4	31.6	67.9	115.1	173.9	253.5	342.6	428.5
15°	0.0	1.4	2.5	11.4	34.3	72.7	122.0	184.0	271.8	366.9	456.1
12.5°	0.0	1.5	2.6	12.3	36.8	77.1	128.2	192.5	287.1	390.1	481.9
10°	0.0	1.5	2.7	13.2	39.1	81.1	133.9	200.1	299.3	403.8	502.2
7.5°	0.0	1.5	2.8	14.1	41.3	84.8	139.0	206.8	310.0	414.2	512.8
5°	0.0	1.5	2.9	15.0	43.2	88.0	143.4	212.5	319.1	422.5	521.4
2.5°	0.0	1.5	2.9	15.8	45.0	90.8	147.2	217.3	326.6	428.8	527.9
0°	0.0	1.5	3.0	16.5	46.6	93.2	150.4	221.1	332.4	433.2	532.4
-2.5°	0.0	1.6	3.5	17.6	48.7	96.1	154.5	227.5	338.9	439.4	539.5
-5°	0.0	1.7	3.9	18.5	50.6	98.6	157.9	232.8	343.7	443.9	544.5
-7.5°	0.0	1.8	4.3	19.4	52.2	100.6	160.6	237.0	346.7	446.7	547.4
-10°	0.0	1.9	4.8	20.2	53.5	102.1	162.5	239.9	347.9	447.8	548.3
-12.5°	0.0	1.9	5.1	20.8	54.5	103.1	163.6	241.6	347.5	447.1	545.8
-15°	0.0	2.0	5.5	21.3	55.2	103.6	164.0	242.0	345.0	443.2	540.5
-17.5°	0.0	2.1	5.9	21.8	55.5	103.5	163.5	241.5	340.6	437.9	533.2
-20°	0.0	2.1	6.2	22.0	55.4	102.9	163.0	240.4	335.0	431.3	523.8

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Scaled Data Report



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-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	2.2	6.4	22.2	55.0	101.8	163.1	238.2	328.4	423.5	512.4
-25°	0.0	2.2	6.7	22.2	54.1	101.5	162.4	235.1	320.8	414.5	499.1
-27.5°	0.0	2.3	6.9	22.0	52.9	101.0	160.8	230.9	312.5	404.1	486.8
-30°	0.0	2.3	7.1	21.7	51.4	100.0	158.4	225.8	305.1	392.3	473.5
-32.5°	0.0	2.3	7.2	21.2	50.7	98.2	155.3	221.5	297.9	380.1	459.4
-35°	0.0	2.3	7.2	20.6	49.7	95.9	152.2	216.9	289.6	367.4	444.3
-37.5°	0.0	2.3	7.3	19.8	48.2	93.3	148.8	211.3	280.4	354.4	426.6
-40°	0.0	2.3	7.2	18.9	46.3	91.0	144.5	204.8	270.3	342.3	407.6
-42.5°	0.0	2.2	7.2	18.0	44.9	88.2	139.4	197.3	260.9	326.6	387.5
-45°	0.0	2.2	7.1	17.3	44.0	84.7	133.4	189.5	251.2	309.7	366.5
-47.5°	0.0	2.1	6.9	16.4	42.7	80.7	126.7	181.6	240.5	292.2	347.1
-50°	0.0	2.1	6.7	16.1	40.9	76.2	120.8	172.6	226.3	276.3	327.1
-52.5°	0.0	2.0	6.4	15.9	38.6	71.1	114.4	162.7	212.2	259.7	306.8
-55°	0.0	1.9	6.1	15.4	35.9	66.9	107.4	152.1	197.7	242.4	287.6
-57.5°	0.0	1.8	5.8	14.8	32.9	62.3	99.7	142.7	182.5	224.9	267.8
-60°	0.0	1.7	5.4	14.0	29.4	57.2	91.4	131.3	166.8	206.8	247.4
-62.5°	0.0	1.6	5.1	13.0	27.4	51.4	83.4	118.7	151.4	188.0	226.3
-65°	0.0	1.5	4.7	11.9	25.1	45.1	74.6	105.5	134.9	168.2	204.4
-67.5°	0.0	1.4	4.3	10.6	22.4	39.5	65.1	92.2	117.5	147.2	180.2
-70°	0.0	1.2	3.9	9.1	19.5	34.7	54.9	78.4	101.1	125.3	154.1
-72.5°	0.0	1.1	3.5	8.0	16.4	29.4	46.7	64.2	84.2	105.4	127.8
-75°	0.0	1.0	3.0	7.0	13.0	23.8	38.3	52.3	66.8	85.0	104.3
-77.5°	0.0	0.8	2.5	5.9	10.8	18.0	29.5	41.1	53.0	65.6	80.2
-80°	0.0	0.6	2.1	4.8	8.7	13.7	20.4	29.7	39.4	49.7	60.4
-82.5°	0.0	0.5	1.6	3.6	6.6	10.4	15.0	19.9	25.7	33.6	41.8
-85°	0.0	0.3	1.0	2.4	4.4	7.0	10.1	13.3	16.9	20.9	25.3
-87.5°	0.0	0.2	0.5	1.2	2.2	3.5	5.1	6.7	8.5	10.5	12.7
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-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°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.2	0.8
65°	1.5	1.5	2.1	2.2	1.6	1.5	1.5	1.5	1.6	1.4	1.4
62.5°	2.2	2.7	3.4	5.2	3.9	1.5	2.9	3.4	2.3	1.9	2.0
60°	6.6	4.5	11.6	16.0	10.5	5.5	6.8	13.6	11.2	3.0	8.0
57.5°	13.3	16.4	29.1	30.6	23.5	15.9	34.8	38.6	32.0	20.1	29.0
55°	27.7	38.9	49.2	48.6	48.9	61.4	72.2	70.9	62.5	86.2	108.6
52.5°	52.4	64.1	70.9	77.2	94.7	106.4	109.8	116.4	140.9	170.2	175.5
50°	76.9	88.9	97.9	120.7	138.7	148.0	156.5	179.0	216.1	236.2	239.4
47.5°	101.7	115.1	138.7	163.7	181.1	195.1	210.0	261.0	302.3	319.4	325.6
45°	127.5	150.7	180.2	205.9	226.1	245.0	293.3	362.9	392.1	418.3	485.1
42.5°	154.4	189.3	222.5	249.5	272.2	311.6	378.9	446.4	488.1	544.0	624.7
40°	188.6	227.8	266.3	293.7	322.0	381.8	465.2	536.6	580.7	655.6	747.7
37.5°	223.4	269.2	310.7	339.7	379.5	460.4	558.3	643.8	698.5	759.6	907.5
35°	257.8	311.4	354.0	392.8	442.0	553.5	674.2	769.4	837.0	941.6	1128.8
32.5°	294.5	354.4	398.0	450.7	531.6	656.3	804.6	910.3	1022.4	1172.8	1472.6
30°	333.5	394.6	444.8	508.2	616.7	762.2	934.3	1067.0	1219.3	1463.5	1786.7
27.5°	372.4	434.7	496.5	577.1	696.3	853.5	1033.2	1242.6	1439.3	1712.4	2065.7
25°	409.8	475.6	547.3	644.7	773.6	938.1	1134.3	1375.8	1632.4	1944.9	2359.7
22.5°	445.5	517.2	601.0	705.7	838.7	1018.4	1252.3	1536.1	1844.4	2168.1	2644.8
20°	480.5	563.5	659.7	776.9	898.7	1092.5	1367.8	1711.4	2097.9	2541.3	3008.4
17.5°	515.1	609.3	720.3	850.6	998.2	1196.5	1486.2	1895.2	2365.6	2942.8	3517.9
15°	549.0	654.1	779.0	923.4	1098.5	1335.6	1664.6	2114.2	2682.5	3373.7	4054.9
12.5°	581.9	697.7	835.2	994.5	1195.9	1466.5	1832.8	2317.8	2969.0	3794.7	4631.6
10°	613.4	739.5	888.6	1063.1	1289.1	1588.3	1981.4	2493.9	3185.1	4036.1	4966.9
7.5°	629.4	767.7	934.2	1128.4	1377.1	1700.2	2110.8	2642.8	3354.0	4230.2	5163.5
5°	640.9	780.7	951.4	1154.5	1425.4	1776.2	2209.8	2764.4	3478.5	4376.3	5296.6
2.5°	649.7	789.9	963.9	1169.2	1444.5	1801.6	2242.5	2806.9	3545.2	4452.5	5374.2
0°	655.8	795.6	971.6	1177.6	1454.4	1813.8	2257.5	2824.5	3573.5	4469.9	5402.4
-2.5°	662.2	803.4	979.7	1190.7	1468.2	1830.5	2274.1	2837.0	3594.7	4474.8	5417.7
-5°	665.9	807.5	982.9	1197.1	1472.6	1833.7	2273.0	2825.2	3577.8	4439.7	5384.6
-7.5°	666.9	808.0	981.1	1195.8	1467.0	1819.5	2248.9	2789.9	3519.5	4368.6	5303.3
-10°	665.3	804.5	974.6	1185.0	1450.4	1789.9	2206.0	2728.8	3423.7	4251.3	5165.9
-12.5°	660.4	797.0	963.1	1167.3	1423.9	1747.9	2145.4	2641.7	3290.6	4088.2	4972.1
-15°	652.6	785.7	946.3	1142.8	1387.2	1693.8	2067.7	2528.6	3119.1	3880.8	4731.0
-17.5°	641.9	770.9	924.4	1111.5	1340.3	1628.2	1973.6	2396.2	2934.2	3649.4	4462.9
-20°	628.2	752.4	897.2	1073.5	1286.3	1559.0	1886.3	2279.1	2761.2	3384.4	4146.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	611.5	730.3	868.5	1037.2	1238.3	1487.3	1788.8	2146.2	2567.1	3078.1	3801.1
-25°	594.4	709.2	840.6	996.7	1183.6	1405.9	1677.1	2002.8	2384.0	2851.6	3449.4
-27.5°	577.5	684.9	808.4	950.0	1122.2	1322.0	1572.2	1869.1	2208.8	2606.4	3093.3
-30°	558.5	657.7	772.8	901.1	1063.4	1248.9	1465.1	1719.5	2021.6	2380.9	2804.1
-32.5°	537.7	628.6	738.3	858.7	1000.3	1169.2	1356.3	1586.3	1849.1	2145.6	2511.4
-35°	517.0	603.7	703.0	813.1	932.7	1090.8	1262.7	1453.6	1677.1	1939.6	2232.1
-37.5°	497.1	576.6	665.2	767.9	880.0	1011.2	1163.1	1335.5	1527.9	1736.7	1989.4
-40°	475.0	547.3	631.1	724.1	823.3	937.1	1074.0	1220.3	1386.0	1569.7	1764.8
-42.5°	450.9	520.4	596.8	677.0	768.0	869.7	983.2	1117.0	1254.6	1408.6	1578.9
-45°	427.3	491.1	561.0	634.2	710.8	800.6	903.7	1015.0	1137.0	1262.7	1405.8
-47.5°	402.4	460.7	525.8	589.6	657.4	734.0	821.6	922.5	1024.3	1136.2	1247.2
-50°	377.5	432.2	487.0	546.4	607.2	671.0	745.0	832.1	924.7	1017.5	1115.2
-52.5°	355.2	402.6	452.0	503.1	558.4	615.1	676.8	748.6	829.6	911.4	995.5
-55°	332.5	376.1	416.9	462.7	510.5	561.6	616.6	677.0	738.1	812.6	885.0
-57.5°	310.2	348.9	384.4	423.4	466.0	509.4	558.9	610.3	665.8	722.0	781.3
-60°	287.9	320.7	353.0	386.7	422.4	461.0	500.8	546.0	593.6	642.5	693.9
-62.5°	264.8	291.5	319.9	350.8	382.2	411.9	445.3	482.2	521.4	563.4	607.0
-65°	239.0	261.1	284.8	311.7	341.2	365.2	390.7	418.5	450.9	485.5	519.7
-67.5°	211.5	231.0	250.4	270.3	294.2	315.7	336.8	358.8	383.0	411.3	438.7
-70°	180.8	200.3	217.3	233.9	249.1	264.4	282.3	299.7	319.2	344.6	369.5
-72.5°	149.6	167.9	184.0	198.0	208.7	217.9	228.9	241.5	260.3	283.8	305.8
-75°	121.0	135.7	150.9	164.3	171.2	174.0	176.2	182.9	201.9	226.0	247.4
-77.5°	94.2	107.1	119.4	131.1	136.0	137.9	138.8	138.8	152.8	173.3	195.0
-80°	69.4	78.3	88.7	98.8	101.8	102.7	102.8	102.2	113.6	128.4	144.3
-82.5°	48.2	54.6	61.3	68.1	69.0	68.6	67.6	66.6	75.9	86.5	97.5
-85°	28.1	30.8	34.9	39.0	39.5	39.3	38.6	37.4	42.6	48.4	54.5
-87.5°	14.1	15.4	16.8	18.1	17.7	17.0	16.0	14.9	16.4	17.9	19.4
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-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°	1.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.5	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.5	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.5	1.3	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	1.5	1.1	0.7	0.3	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	1.9	1.9	1.3	1.3	1.4	1.5	1.2	1.1	1.0	1.1	1.2
60°	8.5	4.9	4.9	6.3	5.4	2.5	4.9	6.2	5.8	4.4	3.8
57.5°	43.2	36.1	25.2	42.3	43.6	30.4	33.0	43.0	41.7	32.2	32.1
55°	108.7	110.3	118.4	129.2	137.1	140.8	144.0	160.2	177.5	194.4	202.9
52.5°	179.7	200.7	226.8	244.1	256.2	281.0	315.7	331.6	347.1	364.6	377.3
50°	264.6	301.1	327.4	331.2	372.4	399.2	405.4	435.3	467.8	488.1	502.6
47.5°	393.6	439.8	462.7	477.3	527.5	582.5	582.6	599.7	681.2	723.8	744.3
45°	566.9	605.5	646.0	751.0	847.7	878.3	943.9	1032.8	1090.6	1170.0	1257.4
42.5°	714.6	787.0	888.3	1004.0	1100.8	1181.4	1278.9	1385.7	1514.0	1634.7	1738.9
40°	860.7	950.2	1075.7	1201.5	1323.5	1435.2	1592.3	1729.7	1881.1	2047.1	2185.5
37.5°	1051.3	1165.9	1295.6	1454.3	1644.1	1768.1	1984.2	2181.6	2352.1	2552.6	2676.1
35°	1344.1	1493.4	1608.2	1929.0	2159.9	2305.0	2560.8	2885.2	3009.8	3262.3	3382.1
32.5°	1712.1	1910.6	2212.8	2637.6	2945.9	3212.9	3595.4	3924.6	4205.2	4458.7	4722.5
30°	2125.7	2432.0	2877.4	3441.9	3755.0	4129.0	4646.2	5036.6	5476.6	5959.7	6128.9
27.5°	2501.0	2959.9	3476.9	3934.2	4384.0	4849.8	5357.9	5859.4	6335.7	6737.6	7007.4
25°	2848.9	3404.6	3907.1	4395.7	4883.1	5407.7	5982.4	6551.1	7075.3	7488.9	7803.3
22.5°	3207.7	3794.8	4332.3	4828.2	5395.1	5989.5	6600.7	7253.1	7849.6	8278.6	8621.2
20°	3545.1	4198.0	4811.2	5375.7	5911.6	6597.8	7301.7	7993.6	8643.2	9154.3	9549.3
17.5°	4080.6	4647.3	5396.7	6130.1	6733.8	7364.2	8304.7	9018.9	9739.7	10351.8	10770.5
15°	4738.2	5361.3	6135.2	7142.4	7969.6	8691.9	9663.5	10825.2	11675.5	12456.9	12993.0
12.5°	5396.3	6101.2	6938.3	8071.7	9249.4	10100.2	11278.9	12751.1	13741.4	14951.2	15547.7
10°	5900.7	6785.9	7648.0	8682.2	9813.3	11024.8	12295.5	13672.9	14996.0	16034.9	16963.5
7.5°	6103.8	7046.7	8044.6	9099.9	10230.9	11481.3	12835.5	14268.7	15630.5	16790.8	17811.4
5°	6255.6	7221.7	8226.2	9305.2	10514.3	11820.0	13194.5	14699.2	16089.9	17333.5	18377.6
2.5°	6352.0	7327.3	8327.4	9424.5	10696.1	12040.5	13459.2	15003.7	16415.4	17695.6	18736.4
0°	6389.1	7350.1	8374.4	9503.9	10762.7	12110.3	13590.3	15153.0	16575.7	17813.6	18884.4
-2.5°	6394.1	7328.9	8377.4	9501.4	10705.9	12066.1	13564.0	15113.6	16507.5	17740.3	18820.7
-5°	6343.9	7278.3	8327.8	9434.8	10641.0	11990.9	13424.4	14921.9	16251.3	17451.1	18491.4
-7.5°	6242.2	7174.0	8200.3	9281.9	10455.6	11765.0	13141.9	14534.1	15838.2	16989.0	17981.7
-10°	6091.2	7003.4	7994.2	9048.0	10158.6	11404.1	12717.0	14047.1	15270.1	16334.3	17252.3
-12.5°	5886.8	6777.9	7724.0	8730.1	9763.9	10951.4	12190.9	13440.1	14554.8	15526.3	16350.0
-15°	5621.2	6491.6	7407.7	8359.2	9361.7	10435.5	11548.0	12693.7	13721.9	14583.4	15335.9
-17.5°	5308.5	6152.5	7022.6	7904.7	8855.8	9863.3	10896.0	11924.5	12801.4	13566.8	14254.8
-20°	4959.8	5773.0	6599.5	7421.8	8284.8	9216.5	10170.3	11073.7	11840.0	12535.5	13165.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4568.8	5347.3	6139.4	6908.9	7687.1	8530.8	9382.6	10199.6	10916.3	11511.2	12058.4
-25°	4150.3	4869.6	5617.6	6339.1	7055.4	7811.4	8585.1	9336.8	9967.6	10484.1	10936.2
-27.5°	3728.6	4385.8	5044.9	5724.1	6386.2	7083.9	7784.3	8433.6	8999.9	9475.5	9855.4
-30°	3285.3	3872.9	4474.7	5089.3	5721.5	6359.9	6992.8	7561.3	8055.7	8474.0	8802.3
-32.5°	2916.9	3363.3	3894.6	4452.5	5045.1	5626.9	6177.4	6695.6	7161.5	7526.7	7805.1
-35°	2563.8	2941.9	3339.8	3833.6	4342.7	4878.0	5384.4	5846.9	6262.2	6581.3	6843.3
-37.5°	2260.2	2559.2	2895.8	3248.4	3675.2	4117.7	4574.8	5009.7	5380.0	5658.4	5892.4
-40°	1997.5	2233.5	2502.5	2782.0	3096.0	3414.0	3811.9	4179.0	4481.2	4741.4	4953.4
-42.5°	1760.0	1959.2	2157.8	2387.1	2624.0	2879.5	3158.9	3430.3	3662.3	3880.1	4060.1
-45°	1555.0	1714.1	1872.4	2049.5	2223.5	2431.3	2630.8	2808.8	2996.7	3159.8	3288.2
-47.5°	1375.7	1499.7	1635.4	1767.9	1907.6	2064.2	2212.7	2348.2	2485.8	2605.1	2700.7
-50°	1216.4	1319.2	1430.0	1534.1	1647.1	1761.6	1871.4	1979.1	2083.7	2174.4	2245.0
-52.5°	1076.9	1166.7	1253.0	1336.0	1425.8	1510.6	1590.1	1679.0	1760.8	1832.3	1880.6
-55°	958.1	1031.5	1102.2	1171.5	1239.4	1303.7	1367.0	1436.1	1499.2	1556.0	1592.0
-57.5°	846.6	909.1	968.9	1025.5	1079.4	1130.5	1183.9	1237.0	1285.6	1328.4	1356.3
-60°	745.2	796.2	848.0	894.1	937.6	978.4	1023.4	1065.9	1105.1	1138.1	1157.4
-62.5°	652.2	698.0	736.2	772.7	809.7	846.5	878.4	909.7	940.0	965.6	982.4
-65°	555.1	593.8	626.4	655.7	682.2	710.7	737.9	762.5	784.3	801.0	811.6
-67.5°	468.1	496.7	522.8	546.1	569.7	592.5	613.4	632.1	648.5	660.1	667.7
-70°	392.6	414.4	435.7	456.9	478.0	495.7	510.9	524.9	537.5	542.8	545.2
-72.5°	326.2	345.5	364.3	383.0	400.5	414.4	425.6	435.8	445.0	437.1	423.2
-75°	266.0	283.1	300.6	317.1	332.5	343.2	351.4	359.1	366.0	348.8	325.1
-77.5°	216.8	231.8	244.7	257.6	270.3	277.1	282.4	287.5	292.5	273.3	249.0
-80°	160.9	172.9	183.9	194.7	205.4	209.4	211.7	213.3	214.2	197.8	178.8
-82.5°	108.7	114.9	121.0	127.3	133.7	137.1	139.7	141.6	143.0	131.4	118.2
-85°	60.9	62.8	64.3	65.5	66.6	68.7	70.7	72.6	74.3	68.7	62.6
-87.5°	21.0	21.0	20.9	20.7	20.5	20.5	20.5	20.5	20.4	19.5	18.5
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-U-WR-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	0.1	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1
60°	3.0	1.8	1.5	1.5	1.5	1.8	3.0	3.8	4.4	5.8	6.2
57.5°	29.9	26.1	23.5	21.1	23.5	26.1	29.9	32.1	32.2	41.7	43.0
55°	199.2	185.5	168.7	148.9	168.7	185.5	199.2	202.9	194.4	177.5	160.2
52.5°	390.7	403.7	411.2	410.6	411.2	403.7	390.7	377.3	364.6	347.1	331.6
50°	514.3	521.4	521.7	515.9	521.7	521.4	514.3	502.6	488.1	467.8	435.3
47.5°	753.6	743.7	726.7	708.4	726.7	743.7	753.6	744.3	723.8	681.2	599.7
45°	1314.9	1346.6	1344.5	1304.0	1344.5	1346.6	1314.9	1257.4	1170.0	1090.6	1032.8
42.5°	1797.0	1844.4	1878.0	1895.1	1878.0	1844.4	1797.0	1738.9	1634.7	1514.0	1385.7
40°	2263.4	2309.2	2329.4	2328.2	2329.4	2309.2	2263.4	2185.5	2047.1	1881.1	1729.7
37.5°	2756.2	2815.5	2844.2	2830.6	2844.2	2815.5	2756.2	2676.1	2552.6	2352.1	2181.6
35°	3433.9	3489.4	3490.5	3462.2	3490.5	3489.4	3433.9	3382.1	3262.3	3009.8	2885.2
32.5°	4931.9	4950.5	4807.8	4757.2	4807.8	4950.5	4931.9	4722.5	4458.7	4205.2	3924.6
30°	6297.3	6428.9	6551.4	6613.2	6551.4	6428.9	6297.3	6128.9	5959.7	5476.6	5036.6
27.5°	7210.7	7369.1	7467.2	7473.5	7467.2	7369.1	7210.7	7007.4	6737.6	6335.7	5859.4
25°	8041.6	8218.7	8325.6	8362.3	8325.6	8218.7	8041.6	7803.3	7488.9	7075.3	6551.1
22.5°	8912.0	9120.7	9259.0	9287.3	9259.0	9120.7	8912.0	8621.2	8278.6	7849.6	7253.1
20°	9921.9	10164.8	10297.4	10292.0	10297.4	10164.8	9921.9	9549.3	9154.3	8643.2	7993.6
17.5°	11251.4	11511.9	11626.4	11576.4	11626.4	11511.9	11251.4	10770.5	10351.8	9739.7	9018.9
15°	13543.3	14088.2	14086.0	13868.5	14086.0	14088.2	13543.3	12993.0	12456.9	11675.5	10825.2
12.5°	16370.2	16776.3	17193.0	17282.6	17193.0	16776.3	16370.2	15547.7	14951.2	13741.4	12751.1
10°	17745.7	18285.1	18641.1	18631.7	18641.1	18285.1	17745.7	16963.5	16034.9	14996.0	13672.9
7.5°	18606.3	19202.2	19633.6	19624.4	19633.6	19202.2	18606.3	17811.4	16790.8	15630.5	14268.7
5°	19270.4	19931.4	20313.5	20341.8	20313.5	19931.4	19270.4	18377.6	17333.5	16089.9	14699.2
2.5°	19615.5	20305.3	20764.8	20704.3	20764.8	20305.3	19615.5	18736.4	17695.6	16415.4	15003.7
0°	19759.7	20442.6	20871.2	21056.2	20871.2	20442.6	19759.7	18884.4	17813.6	16575.7	15153.0
-2.5°	19696.7	20361.2	20834.9	20853.2	20834.9	20361.2	19696.7	18820.7	17740.3	16507.5	15113.6
-5°	19359.3	20060.4	20377.8	20546.3	20377.8	20060.4	19359.3	18491.4	17451.1	16251.3	14921.9
-7.5°	18815.0	19340.4	19743.6	19929.7	19743.6	19340.4	18815.0	17981.7	16989.0	15838.2	14534.1
-10°	17968.0	18511.9	18852.6	19006.2	18852.6	18511.9	17968.0	17252.3	16334.3	15270.1	14047.1
-12.5°	17029.6	17523.9	17847.8	17977.5	17847.8	17523.9	17029.6	16350.0	15526.3	14554.8	13440.1
-15°	15982.7	16431.5	16729.6	16854.0	16729.6	16431.5	15982.7	15335.9	14583.4	13721.9	12693.7
-17.5°	14830.2	15223.5	15520.6	15610.2	15520.6	15223.5	14830.2	14254.8	13566.8	12801.4	11924.5
-20°	13645.2	14000.7	14245.4	14298.7	14245.4	14000.7	13645.2	13165.1	12535.5	11840.0	11073.7



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12451.1	12744.0	12942.7	13009.7	12942.7	12744.0	12451.1	12058.4	11511.2	10916.3	10199.6
-25°	11284.3	11537.1	11697.0	11756.9	11697.0	11537.1	11284.3	10936.2	10484.1	9967.6	9336.8
-27.5°	10162.0	10397.6	10544.6	10564.2	10544.6	10397.6	10162.0	9855.4	9475.5	8999.9	8433.6
-30°	9057.7	9252.4	9365.6	9413.6	9365.6	9252.4	9057.7	8802.3	8474.0	8055.7	7561.3
-32.5°	8025.7	8195.7	8297.5	8324.7	8297.5	8195.7	8025.7	7805.1	7526.7	7161.5	6695.6
-35°	7051.5	7208.5	7298.7	7291.5	7298.7	7208.5	7051.5	6843.3	6581.3	6262.2	5846.9
-37.5°	6085.7	6230.6	6312.4	6304.8	6312.4	6230.6	6085.7	5892.4	5658.4	5380.0	5009.7
-40°	5127.7	5252.7	5324.8	5342.3	5324.8	5252.7	5127.7	4953.4	4741.4	4481.2	4179.0
-42.5°	4209.8	4325.2	4382.9	4360.1	4382.9	4325.2	4209.8	4060.1	3880.1	3662.3	3430.3
-45°	3378.0	3437.6	3476.9	3501.3	3476.9	3437.6	3378.0	3288.2	3159.8	2996.7	2808.8
-47.5°	2770.7	2820.2	2846.9	2851.6	2846.9	2820.2	2770.7	2700.7	2605.1	2485.8	2348.2
-50°	2299.9	2342.0	2360.6	2355.3	2360.6	2342.0	2299.9	2245.0	2174.4	2083.7	1979.1
-52.5°	1915.3	1939.7	1956.2	1964.2	1956.2	1939.7	1915.3	1880.6	1832.3	1760.8	1679.0
-55°	1619.0	1638.0	1649.1	1652.9	1649.1	1638.0	1619.0	1592.0	1556.0	1499.2	1436.1
-57.5°	1379.5	1397.6	1404.1	1401.7	1404.1	1397.6	1379.5	1356.3	1328.4	1285.6	1237.0
-60°	1172.2	1182.5	1190.2	1194.2	1190.2	1182.5	1172.2	1157.4	1138.1	1105.1	1065.9
-62.5°	995.7	1005.4	1013.5	1018.2	1013.5	1005.4	995.7	982.4	965.6	940.0	909.7
-65°	819.0	823.3	824.5	822.7	824.5	823.3	819.0	811.6	801.0	784.3	762.5
-67.5°	673.4	677.0	679.4	679.8	679.4	677.0	673.4	667.7	660.1	648.5	632.1
-70°	547.5	549.0	547.2	542.9	547.2	549.0	547.5	545.2	542.8	537.5	524.9
-72.5°	409.0	394.0	379.1	362.5	379.1	394.0	409.0	423.2	437.1	445.0	435.8
-75°	300.6	275.2	266.1	257.2	266.1	275.2	300.6	325.1	348.8	366.0	359.1
-77.5°	223.6	197.2	190.1	183.5	190.1	197.2	223.6	249.0	273.3	292.5	287.5
-80°	158.9	138.3	133.7	129.3	133.7	138.3	158.9	178.8	197.8	214.2	213.3
-82.5°	104.4	90.0	87.1	84.2	87.1	90.0	104.4	118.2	131.4	143.0	141.6
-85°	56.2	49.4	48.0	46.6	48.0	49.4	56.2	62.6	68.7	74.3	72.6
-87.5°	17.5	16.4	16.5	16.5	16.5	16.4	17.5	18.5	19.5	20.4	20.5
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-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	0.3	0.7	1.0	1.2	1.2	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
80°	0.0	0.0	0.1	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.0	0.1	0.5	0.8	1.2	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.0	0.1	0.4	0.9	1.3	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.2	1.5	1.5	1.5
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	1.2	1.5	1.5
65°	0.4	0.3	0.3	0.7	1.1	1.5	1.5	1.4	1.4	1.6	1.5
62.5°	1.2	1.5	1.4	1.3	1.3	1.9	1.9	2.0	1.9	2.3	3.4
60°	4.9	2.5	5.4	6.3	4.9	4.9	8.5	8.0	3.0	11.2	13.6
57.5°	33.0	30.4	43.6	42.3	25.2	36.1	43.2	29.0	20.1	32.0	38.6
55°	144.0	140.8	137.1	129.2	118.4	110.3	108.7	108.6	86.2	62.5	70.9
52.5°	315.7	281.0	256.2	244.1	226.8	200.7	179.7	175.5	170.2	140.9	116.4
50°	405.4	399.2	372.4	331.2	327.4	301.1	264.6	239.4	236.2	216.1	179.0
47.5°	582.6	582.5	527.5	477.3	462.7	439.8	393.6	325.6	319.4	302.3	261.0
45°	943.9	878.3	847.7	751.0	646.0	605.5	566.9	485.1	418.3	392.1	362.9
42.5°	1278.9	1181.4	1100.8	1004.0	888.3	787.0	714.6	624.7	544.0	488.1	446.4
40°	1592.3	1435.2	1323.5	1201.5	1075.7	950.2	860.7	747.7	655.6	580.7	536.6
37.5°	1984.2	1768.1	1644.1	1454.3	1295.6	1165.9	1051.3	907.5	759.6	698.5	643.8
35°	2560.8	2305.0	2159.9	1929.0	1608.2	1493.4	1344.1	1128.8	941.6	837.0	769.4
32.5°	3595.4	3212.9	2945.9	2637.6	2212.8	1910.6	1712.1	1472.6	1172.8	1022.4	910.3
30°	4646.2	4129.0	3755.0	3441.9	2877.4	2432.0	2125.7	1786.7	1463.5	1219.3	1067.0
27.5°	5357.9	4849.8	4384.0	3934.2	3476.9	2959.9	2501.0	2065.7	1712.4	1439.3	1242.6
25°	5982.4	5407.7	4883.1	4395.7	3907.1	3404.6	2848.9	2359.7	1944.9	1632.4	1375.8
22.5°	6600.7	5989.5	5395.1	4828.2	4332.3	3794.8	3207.7	2644.8	2168.1	1844.4	1536.1
20°	7301.7	6597.8	5911.6	5375.7	4811.2	4198.0	3545.1	3008.4	2541.3	2097.9	1711.4
17.5°	8304.7	7364.2	6733.8	6130.1	5396.7	4647.3	4080.6	3517.9	2942.8	2365.6	1895.2
15°	9663.5	8691.9	7969.6	7142.4	6135.2	5361.3	4738.2	4054.9	3373.7	2682.5	2114.2
12.5°	11278.9	10100.2	9249.4	8071.7	6938.3	6101.2	5396.3	4631.6	3794.7	2969.0	2317.8
10°	12295.5	11024.8	9813.3	8682.2	7648.0	6785.9	5900.7	4966.9	4036.1	3185.1	2493.9
7.5°	12835.5	11481.3	10230.9	9099.9	8044.6	7046.7	6103.8	5163.5	4230.2	3354.0	2642.8
5°	13194.5	11820.0	10514.3	9305.2	8226.2	7221.7	6255.6	5296.6	4376.3	3478.5	2764.4
2.5°	13459.2	12040.5	10696.1	9424.5	8327.4	7327.3	6352.0	5374.2	4452.5	3545.2	2806.9
0°	13590.3	12110.3	10762.7	9503.9	8374.4	7350.1	6389.1	5402.4	4469.9	3573.5	2824.5
-2.5°	13564.0	12066.1	10705.9	9501.4	8377.4	7328.9	6394.1	5417.7	4474.8	3594.7	2837.0
-5°	13424.4	11990.9	10641.0	9434.8	8327.8	7278.3	6343.9	5384.6	4439.7	3577.8	2825.2
-7.5°	13141.9	11765.0	10455.6	9281.9	8200.3	7174.0	6242.2	5303.3	4368.6	3519.5	2789.9
-10°	12717.0	11404.1	10158.6	9048.0	7994.2	7003.4	6091.2	5165.9	4251.3	3423.7	2728.8
-12.5°	12190.9	10951.4	9763.9	8730.1	7724.0	6777.9	5886.8	4972.1	4088.2	3290.6	2641.7
-15°	11548.0	10435.5	9361.7	8359.2	7407.7	6491.6	5621.2	4731.0	3880.8	3119.1	2528.6
-17.5°	10896.0	9863.3	8855.8	7904.7	7022.6	6152.5	5308.5	4462.9	3649.4	2934.2	2396.2
-20°	10170.3	9216.5	8284.8	7421.8	6599.5	5773.0	4959.8	4146.5	3384.4	2761.2	2279.1



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9382.6	8530.8	7687.1	6908.9	6139.4	5347.3	4568.8	3801.1	3078.1	2567.1	2146.2
-25°	8585.1	7811.4	7055.4	6339.1	5617.6	4869.6	4150.3	3449.4	2851.6	2384.0	2002.8
-27.5°	7784.3	7083.9	6386.2	5724.1	5044.9	4385.8	3728.6	3093.3	2606.4	2208.8	1869.1
-30°	6992.8	6359.9	5721.5	5089.3	4474.7	3872.9	3285.3	2804.1	2380.9	2021.6	1719.5
-32.5°	6177.4	5626.9	5045.1	4452.5	3894.6	3363.3	2916.9	2511.4	2145.6	1849.1	1586.3
-35°	5384.4	4878.0	4342.7	3833.6	3339.8	2941.9	2563.8	2232.1	1939.6	1677.1	1453.6
-37.5°	4574.8	4117.7	3675.2	3248.4	2895.8	2559.2	2260.2	1989.4	1736.7	1527.9	1335.5
-40°	3811.9	3414.0	3096.0	2782.0	2502.5	2233.5	1997.5	1764.8	1569.7	1386.0	1220.3
-42.5°	3158.9	2879.5	2624.0	2387.1	2157.8	1959.2	1760.0	1578.9	1408.6	1254.6	1117.0
-45°	2630.8	2431.3	2223.5	2049.5	1872.4	1714.1	1555.0	1405.8	1262.7	1137.0	1015.0
-47.5°	2212.7	2064.2	1907.6	1767.9	1635.4	1499.7	1375.7	1247.2	1136.2	1024.3	922.5
-50°	1871.4	1761.6	1647.1	1534.1	1430.0	1319.2	1216.4	1115.2	1017.5	924.7	832.1
-52.5°	1590.1	1510.6	1425.8	1336.0	1253.0	1166.7	1076.9	995.5	911.4	829.6	748.6
-55°	1367.0	1303.7	1239.4	1171.5	1102.2	1031.5	958.1	885.0	812.6	738.1	677.0
-57.5°	1183.9	1130.5	1079.4	1025.5	968.9	909.1	846.6	781.3	722.0	665.8	610.3
-60°	1023.4	978.4	937.6	894.1	848.0	796.2	745.2	693.9	642.5	593.6	546.0
-62.5°	878.4	846.5	809.7	772.7	736.2	698.0	652.2	607.0	563.4	521.4	482.2
-65°	737.9	710.7	682.2	655.7	626.4	593.8	555.1	519.7	485.5	450.9	418.5
-67.5°	613.4	592.5	569.7	546.1	522.8	496.7	468.1	438.7	411.3	383.0	358.8
-70°	510.9	495.7	478.0	456.9	435.7	414.4	392.6	369.5	344.6	319.2	299.7
-72.5°	425.6	414.4	400.5	383.0	364.3	345.5	326.2	305.8	283.8	260.3	241.5
-75°	351.4	343.2	332.5	317.1	300.6	283.1	266.0	247.4	226.0	201.9	182.9
-77.5°	282.4	277.1	270.3	257.6	244.7	231.8	216.8	195.0	173.3	152.8	138.8
-80°	211.7	209.4	205.4	194.7	183.9	172.9	160.9	144.3	128.4	113.6	102.2
-82.5°	139.7	137.1	133.7	127.3	121.0	114.9	108.7	97.5	86.5	75.9	66.6
-85°	70.7	68.7	66.6	65.5	64.3	62.8	60.9	54.5	48.4	42.6	37.4
-87.5°	20.5	20.5	20.5	20.7	20.9	21.0	21.0	19.4	17.9	16.4	14.9
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-U-WR-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°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.9	1.9	1.5	1.5
65°	1.5	1.5	1.6	2.2	2.1	1.5	1.5	2.9	2.5	2.2	1.5
62.5°	2.9	1.5	3.9	5.2	3.4	2.7	2.2	6.3	4.0	2.9	2.0
60°	6.8	5.5	10.5	16.0	11.6	4.5	6.6	10.8	9.9	3.6	2.8
57.5°	34.8	15.9	23.5	30.6	29.1	16.4	13.3	18.4	16.8	9.8	3.9
55°	72.2	61.4	48.9	48.6	49.2	38.9	27.7	28.6	25.3	18.0	5.7
52.5°	109.8	106.4	94.7	77.2	70.9	64.1	52.4	40.5	37.5	26.8	14.1
50°	156.5	148.0	138.7	120.7	97.9	88.9	76.9	61.8	51.1	37.5	23.4
47.5°	210.0	195.1	181.1	163.7	138.7	115.1	101.7	83.9	66.0	51.5	32.7
45°	293.3	245.0	226.1	205.9	180.2	150.7	127.5	105.7	85.6	65.6	42.2
42.5°	378.9	311.6	272.2	249.5	222.5	189.3	154.4	129.8	104.9	79.6	53.2
40°	465.2	381.8	322.0	293.7	266.3	227.8	188.6	155.1	123.7	94.2	65.4
37.5°	558.3	460.4	379.5	339.7	310.7	269.2	223.4	180.8	143.1	110.0	77.4
35°	674.2	553.5	442.0	392.8	354.0	311.4	257.8	208.9	166.1	125.8	89.2
32.5°	804.6	656.3	531.6	450.7	398.0	354.4	294.5	240.4	189.8	141.7	100.8
30°	934.3	762.2	616.7	508.2	444.8	394.6	333.5	272.3	214.1	157.5	112.6
27.5°	1033.2	853.5	696.3	577.1	496.5	434.7	372.4	304.2	238.7	175.0	125.6
25°	1134.3	938.1	773.6	644.7	547.3	475.6	409.8	336.1	264.9	195.0	138.2
22.5°	1252.3	1018.4	838.7	705.7	601.0	517.2	445.5	368.5	291.4	214.9	150.6
20°	1367.8	1092.5	898.7	776.9	659.7	563.5	480.5	399.3	317.4	234.4	162.5
17.5°	1486.2	1196.5	998.2	850.6	720.3	609.3	515.1	428.5	342.6	253.5	173.9
15°	1664.6	1335.6	1098.5	923.4	779.0	654.1	549.0	456.1	366.9	271.8	184.0
12.5°	1832.8	1466.5	1195.9	994.5	835.2	697.7	581.9	481.9	390.1	287.1	192.5
10°	1981.4	1588.3	1289.1	1063.1	888.6	739.5	613.4	502.2	403.8	299.3	200.1
7.5°	2110.8	1700.2	1377.1	1128.4	934.2	767.7	629.4	512.8	414.2	310.0	206.8
5°	2209.8	1776.2	1425.4	1154.5	951.4	780.7	640.9	521.4	422.5	319.1	212.5
2.5°	2242.5	1801.6	1444.5	1169.2	963.9	789.9	649.7	527.9	428.8	326.6	217.3
0°	2257.5	1813.8	1454.4	1177.6	971.6	795.6	655.8	532.4	433.2	332.4	221.1
-2.5°	2274.1	1830.5	1468.2	1190.7	979.7	803.4	662.2	539.5	439.4	338.9	227.5
-5°	2273.0	1833.7	1472.6	1197.1	982.9	807.5	665.9	544.5	443.9	343.7	232.8
-7.5°	2248.9	1819.5	1467.0	1195.8	981.1	808.0	666.9	547.4	446.7	346.7	237.0
-10°	2206.0	1789.9	1450.4	1185.0	974.6	804.5	665.3	548.3	447.8	347.9	239.9
-12.5°	2145.4	1747.9	1423.9	1167.3	963.1	797.0	660.4	545.8	447.1	347.5	241.6
-15°	2067.7	1693.8	1387.2	1142.8	946.3	785.7	652.6	540.5	443.2	345.0	242.0
-17.5°	1973.6	1628.2	1340.3	1111.5	924.4	770.9	641.9	533.2	437.9	340.6	241.5
-20°	1886.3	1559.0	1286.3	1073.5	897.2	752.4	628.2	523.8	431.3	335.0	240.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1788.8	1487.3	1238.3	1037.2	868.5	730.3	611.5	512.4	423.5	328.4	238.2
-25°	1677.1	1405.9	1183.6	996.7	840.6	709.2	594.4	499.1	414.5	320.8	235.1
-27.5°	1572.2	1322.0	1122.2	950.0	808.4	684.9	577.5	486.8	404.1	312.5	230.9
-30°	1465.1	1248.9	1063.4	901.1	772.8	657.7	558.5	473.5	392.3	305.1	225.8
-32.5°	1356.3	1169.2	1000.3	858.7	738.3	628.6	537.7	459.4	380.1	297.9	221.5
-35°	1262.7	1090.8	932.7	813.1	703.0	603.7	517.0	444.3	367.4	289.6	216.9
-37.5°	1163.1	1011.2	880.0	767.9	665.2	576.6	497.1	426.6	354.4	280.4	211.3
-40°	1074.0	937.1	823.3	724.1	631.1	547.3	475.0	407.6	342.3	270.3	204.8
-42.5°	983.2	869.7	768.0	677.0	596.8	520.4	450.9	387.5	326.6	260.9	197.3
-45°	903.7	800.6	710.8	634.2	561.0	491.1	427.3	366.5	309.7	251.2	189.5
-47.5°	821.6	734.0	657.4	589.6	525.8	460.7	402.4	347.1	292.2	240.5	181.6
-50°	745.0	671.0	607.2	546.4	487.0	432.2	377.5	327.1	276.3	226.3	172.6
-52.5°	676.8	615.1	558.4	503.1	452.0	402.6	355.2	306.8	259.7	212.2	162.7
-55°	616.6	561.6	510.5	462.7	416.9	376.1	332.5	287.6	242.4	197.7	152.1
-57.5°	558.9	509.4	466.0	423.4	384.4	348.9	310.2	267.8	224.9	182.5	142.7
-60°	500.8	461.0	422.4	386.7	353.0	320.7	287.9	247.4	206.8	166.8	131.3
-62.5°	445.3	411.9	382.2	350.8	319.9	291.5	264.8	226.3	188.0	151.4	118.7
-65°	390.7	365.2	341.2	311.7	284.8	261.1	239.0	204.4	168.2	134.9	105.5
-67.5°	336.8	315.7	294.2	270.3	250.4	231.0	211.5	180.2	147.2	117.5	92.2
-70°	282.3	264.4	249.1	233.9	217.3	200.3	180.8	154.1	125.3	101.1	78.4
-72.5°	228.9	217.9	208.7	198.0	184.0	167.9	149.6	127.8	105.4	84.2	64.2
-75°	176.2	174.0	171.2	164.3	150.9	135.7	121.0	104.3	85.0	66.8	52.3
-77.5°	138.8	137.9	136.0	131.1	119.4	107.1	94.2	80.2	65.6	53.0	41.1
-80°	102.8	102.7	101.8	98.8	88.7	78.3	69.4	60.4	49.7	39.4	29.7
-82.5°	67.6	68.6	69.0	68.1	61.3	54.6	48.2	41.8	33.6	25.7	19.9
-85°	38.6	39.3	39.5	39.0	34.9	30.8	28.1	25.3	20.9	16.9	13.3
-87.5°	16.0	17.0	17.7	18.1	16.8	15.4	14.1	12.7	10.5	8.5	6.7
-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: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.5	1.5	1.5	1.5	1.0	0.5	0.0
67.5°	1.6	1.5	1.5	1.5	1.1	0.6	0.0
65°	1.8	1.7	1.5	1.5	1.3	0.6	0.0
62.5°	2.0	2.0	1.5	1.5	1.4	0.7	0.0
60°	2.3	2.4	1.5	1.5	1.5	0.7	0.0
57.5°	4.1	2.8	1.9	1.5	1.5	0.8	0.0
55°	6.2	3.3	2.4	1.5	1.5	0.9	0.0
52.5°	8.7	4.1	2.9	1.5	1.6	0.9	0.0
50°	11.5	6.8	3.4	1.5	1.6	1.0	0.0
47.5°	15.3	9.5	3.9	1.6	1.6	1.0	0.0
45°	23.4	12.5	4.4	2.0	1.7	1.1	0.0
42.5°	31.6	15.6	5.0	2.4	1.7	1.1	0.0
40°	39.6	18.9	6.6	3.0	1.8	1.1	0.0
37.5°	47.6	22.4	9.1	3.6	1.8	1.2	0.0
35°	55.6	27.8	11.7	4.3	1.9	1.2	0.0
32.5°	64.0	34.1	14.4	5.1	2.0	1.3	0.0
30°	73.4	40.2	17.0	5.9	2.0	1.3	0.0
27.5°	82.5	46.1	20.1	6.7	2.1	1.3	0.0
25°	91.3	51.9	23.1	7.6	2.2	1.4	0.0
22.5°	99.7	57.4	26.0	8.5	2.3	1.4	0.0
20°	107.7	62.8	28.9	9.5	2.4	1.4	0.0
17.5°	115.1	67.9	31.6	10.4	2.5	1.4	0.0
15°	122.0	72.7	34.3	11.4	2.5	1.4	0.0
12.5°	128.2	77.1	36.8	12.3	2.6	1.5	0.0
10°	133.9	81.1	39.1	13.2	2.7	1.5	0.0
7.5°	139.0	84.8	41.3	14.1	2.8	1.5	0.0
5°	143.4	88.0	43.2	15.0	2.9	1.5	0.0
2.5°	147.2	90.8	45.0	15.8	2.9	1.5	0.0
0°	150.4	93.2	46.6	16.5	3.0	1.5	0.0
-2.5°	154.5	96.1	48.7	17.6	3.5	1.6	0.0
-5°	157.9	98.6	50.6	18.5	3.9	1.7	0.0
-7.5°	160.6	100.6	52.2	19.4	4.3	1.8	0.0
-10°	162.5	102.1	53.5	20.2	4.8	1.9	0.0
-12.5°	163.6	103.1	54.5	20.8	5.1	1.9	0.0
-15°	164.0	103.6	55.2	21.3	5.5	2.0	0.0
-17.5°	163.5	103.5	55.5	21.8	5.9	2.1	0.0
-20°	163.0	102.9	55.4	22.0	6.2	2.1	0.0

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REPORT NUMBER: P627432 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	163.1	101.8	55.0	22.2	6.4	2.2	0.0
-25°	162.4	101.5	54.1	22.2	6.7	2.2	0.0
-27.5°	160.8	101.0	52.9	22.0	6.9	2.3	0.0
-30°	158.4	100.0	51.4	21.7	7.1	2.3	0.0
-32.5°	155.3	98.2	50.7	21.2	7.2	2.3	0.0
-35°	152.2	95.9	49.7	20.6	7.2	2.3	0.0
-37.5°	148.8	93.3	48.2	19.8	7.3	2.3	0.0
-40°	144.5	91.0	46.3	18.9	7.2	2.3	0.0
-42.5°	139.4	88.2	44.9	18.0	7.2	2.2	0.0
-45°	133.4	84.7	44.0	17.3	7.1	2.2	0.0
-47.5°	126.7	80.7	42.7	16.4	6.9	2.1	0.0
-50°	120.8	76.2	40.9	16.1	6.7	2.1	0.0
-52.5°	114.4	71.1	38.6	15.9	6.4	2.0	0.0
-55°	107.4	66.9	35.9	15.4	6.1	1.9	0.0
-57.5°	99.7	62.3	32.9	14.8	5.8	1.8	0.0
-60°	91.4	57.2	29.4	14.0	5.4	1.7	0.0
-62.5°	83.4	51.4	27.4	13.0	5.1	1.6	0.0
-65°	74.6	45.1	25.1	11.9	4.7	1.5	0.0
-67.5°	65.1	39.5	22.4	10.6	4.3	1.4	0.0
-70°	54.9	34.7	19.5	9.1	3.9	1.2	0.0
-72.5°	46.7	29.4	16.4	8.0	3.5	1.1	0.0
-75°	38.3	23.8	13.0	7.0	3.0	1.0	0.0
-77.5°	29.5	18.0	10.8	5.9	2.5	0.8	0.0
-80°	20.4	13.7	8.7	4.8	2.1	0.6	0.0
-82.5°	15.0	10.4	6.6	3.6	1.6	0.5	0.0
-85°	10.1	7.0	4.4	2.4	1.0	0.3	0.0
-87.5°	5.1	3.5	2.2	1.2	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)