

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: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-722-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N84
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

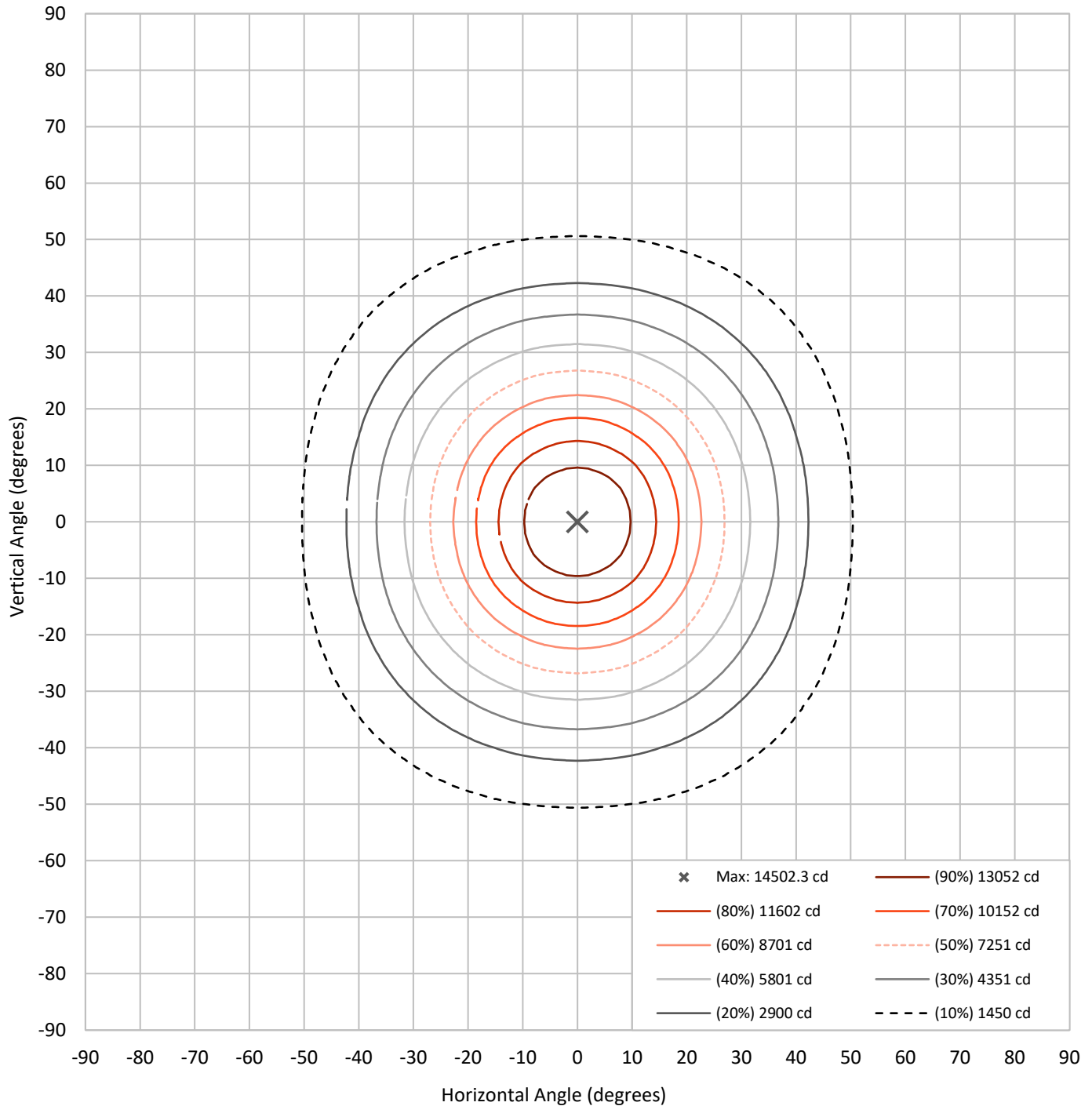
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14759.9 lumens	Max Intensity:	14502.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	7057.3 lumens	Field Lumens:	13026.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





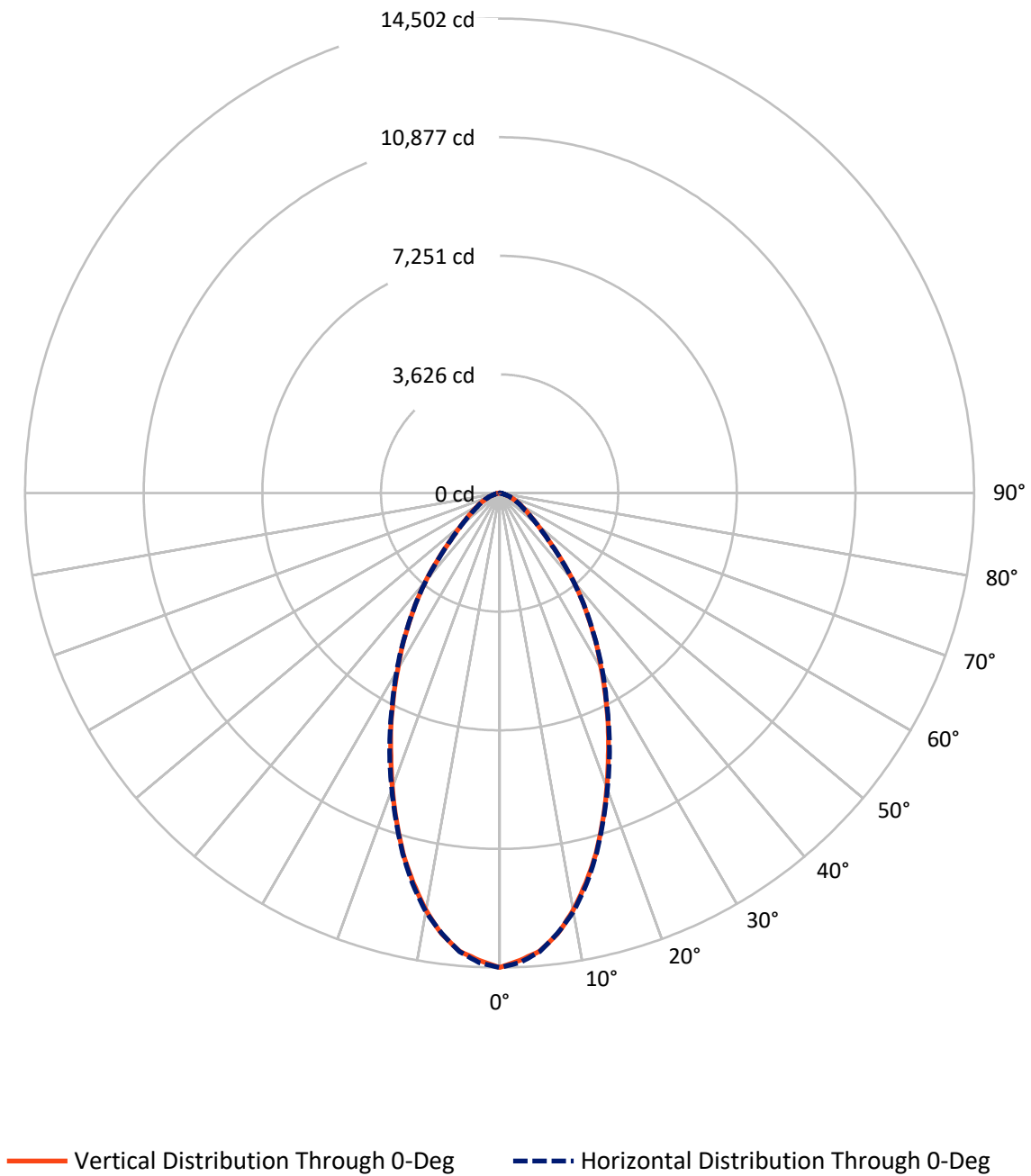
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Lumen Table

90																			
80	0.6	4.1		9.3		15.4		13.2		15.4		9.3		4.1		0.6			
70																			
60	1.9	2.2	4.2	6.8	9.8	12.8	15.0	16.1	16.1	15.0	12.8	9.8	6.8	4.2	2.2	1.9			
50		3.2	6.4	11.1	17.0	23.4	29.2	32.5	32.5	29.2	23.4	17.0	11.1	6.4	3.2				
40	2.8	4.1	8.8	16.5	27.9	42.8	59.1	69.9	69.9	59.1	42.8	27.9	16.5	8.8	4.1	2.8			
30		4.9	11.6	24.0	46.8	83.1	120.7	143.2	143.2	120.7	83.1	46.8	24.0	11.6	4.9				
20	3.3	5.8	14.4	33.6	75.6	135.9	194.5	232.5	232.5	194.5	135.9	75.6	33.6	14.4	5.8	3.3			
10		6.4	16.9	43.6	103.2	183.6	271.0	333.4	333.4	271.0	183.6	103.2	43.6	16.9	6.4				
0	3.5	6.7	18.3	50.1	118.8	213.4	324.8	408.4	408.4	324.8	213.4	118.8	50.1	18.3	6.7	3.5			
-10		6.7	18.3	50.1	118.8	213.4	324.8	408.4	408.4	324.8	213.4	118.8	50.1	18.3	6.7				
-20	3.3	6.4	16.9	43.6	103.2	183.6	271.0	333.4	333.4	271.0	183.6	103.2	43.6	16.9	6.4	3.3			
-30		5.8	14.4	33.6	75.6	135.9	194.5	232.5	232.5	194.5	135.9	75.6	33.6	14.4	5.8				
-40	2.8	4.9	11.6	24.0	46.8	83.1	120.7	143.2	143.2	120.7	83.1	46.8	24.0	11.6	4.9	2.8			
-50		4.1	8.8	16.5	27.9	42.8	59.1	69.9	69.9	59.1	42.8	27.9	16.5	8.8	4.1				
-60	1.9	3.2	6.4	11.1	17.0	23.4	29.2	32.5	32.5	29.2	23.4	17.0	11.1	6.4	3.2	1.9			
-70		2.2	4.2	6.8	9.8	12.8	15.0	16.1	16.1	15.0	12.8	9.8	6.8	4.2	2.2				
-80	0.6	4.1		9.3		15.4		13.2		15.4		9.3		4.1		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

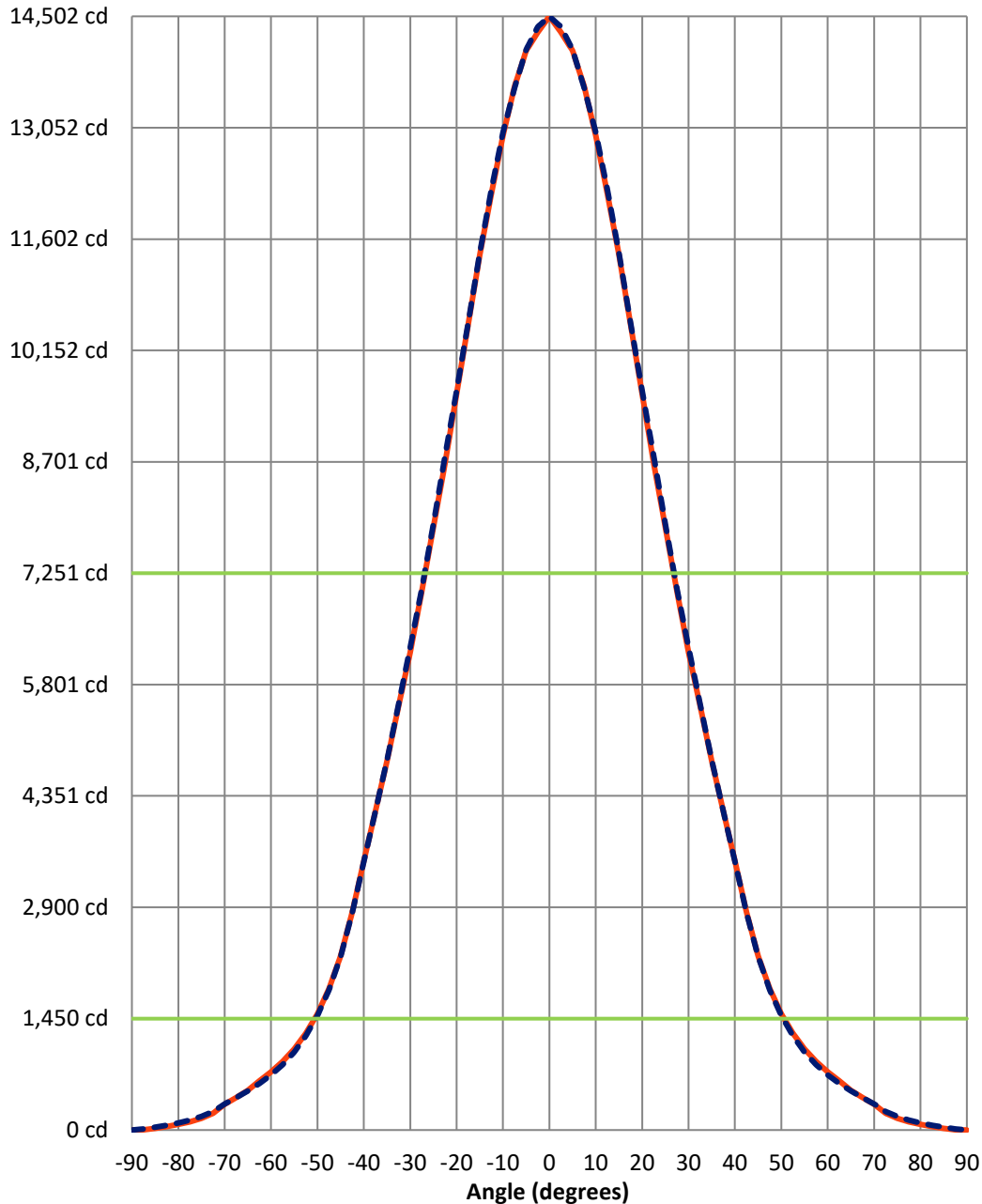
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 7057.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 13026.1
 Efficiency: 88.3%

Spill:
 Lumens: 1733.8
 Efficiency: 11.7%

- 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	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.2	8.7	9.1
85°	0.0	1.5	3.4	5.5	8.0	10.7	13.7	15.2	16.5	17.4	18.2
82.5°	0.0	2.2	5.1	8.3	11.9	16.0	20.5	22.9	25.2	29.2	32.8
80°	0.0	2.9	6.7	11.0	15.9	21.3	27.9	34.7	40.6	45.9	50.5
77.5°	0.0	3.6	8.4	13.7	19.7	27.7	39.8	48.6	55.9	62.5	69.0
75°	0.0	4.3	10.0	16.3	23.9	36.2	51.5	62.5	71.3	80.2	89.8
72.5°	0.0	5.0	11.6	18.9	29.6	44.4	62.7	76.2	86.8	98.1	110.3
70°	0.0	5.7	13.1	21.6	35.1	52.4	73.4	89.1	101.9	115.8	131.9
67.5°	0.0	6.4	14.6	25.0	40.3	60.0	82.6	101.7	116.8	133.9	153.3
65°	0.0	7.0	16.1	28.2	45.3	66.9	91.4	114.0	131.5	151.4	173.6
62.5°	0.0	7.7	17.5	31.2	50.1	73.3	99.8	125.7	145.5	168.2	192.4
60°	0.0	8.3	18.8	34.1	54.5	79.3	107.5	136.8	158.9	184.4	210.7
57.5°	0.0	8.9	20.4	36.8	58.6	84.9	114.6	146.8	172.5	200.1	227.6
55°	0.0	9.4	22.0	39.2	62.4	90.0	121.1	154.7	185.8	215.2	243.7
52.5°	0.0	10.0	23.5	41.5	65.9	94.7	127.0	163.4	198.5	229.5	259.5
50°	0.0	10.5	24.9	43.5	69.1	99.0	132.4	171.5	210.8	243.5	276.7
47.5°	0.0	11.0	26.3	45.4	72.0	102.9	137.4	178.9	223.0	257.1	293.7
45°	0.0	11.4	27.6	47.2	74.5	106.3	143.0	185.5	231.7	271.8	310.1
42.5°	0.0	11.8	28.8	48.9	76.6	109.3	148.0	192.0	239.6	286.0	327.1
40°	0.0	12.2	30.0	50.7	78.6	111.8	152.4	198.4	247.5	299.2	343.6
37.5°	0.0	12.6	31.0	52.5	80.3	113.9	156.2	204.1	256.1	309.6	359.2
35°	0.0	12.9	32.0	54.2	81.7	116.2	159.3	209.2	264.4	321.0	375.1
32.5°	0.0	13.2	32.9	55.7	82.8	118.4	162.2	213.7	272.3	332.7	391.5
30°	0.0	13.5	33.8	57.1	83.6	120.2	165.4	218.0	279.7	344.4	406.8
27.5°	0.0	13.7	34.5	58.3	85.3	121.4	168.0	223.4	287.5	356.2	421.2
25°	0.0	14.0	35.2	59.4	87.1	122.1	170.0	228.3	296.2	367.7	434.7
22.5°	0.0	14.1	35.7	60.3	88.6	123.1	171.4	232.5	304.5	378.3	449.4
20°	0.0	14.3	36.2	61.1	89.9	125.3	172.2	236.1	312.3	387.8	462.6
17.5°	0.0	14.4	36.6	61.7	90.9	127.2	174.2	239.0	319.5	396.2	474.1
15°	0.0	14.5	36.9	62.1	91.8	128.6	176.5	241.7	325.9	403.5	484.1
12.5°	0.0	14.5	37.1	62.4	92.4	129.6	178.2	244.2	331.4	409.5	492.4
10°	0.0	14.5	37.3	62.5	92.9	130.3	179.2	245.6	335.7	414.6	499.1
7.5°	0.0	14.5	37.3	62.5	93.0	130.5	179.6	245.9	338.7	418.5	504.3
5°	0.0	14.5	37.3	62.3	93.0	130.4	179.4	245.2	340.3	421.1	507.8
2.5°	0.0	14.4	37.1	62.0	92.7	130.0	178.7	243.5	340.6	422.4	509.5
0°	0.0	14.3	36.9	61.5	92.2	129.1	177.3	240.9	339.3	422.3	509.4
-2.5°	0.0	14.4	37.1	62.0	92.7	130.0	178.7	243.5	340.6	422.4	509.5
-5°	0.0	14.5	37.3	62.3	93.0	130.4	179.4	245.2	340.3	421.1	507.8
-7.5°	0.0	14.5	37.3	62.5	93.0	130.5	179.6	245.9	338.7	418.5	504.3
-10°	0.0	14.5	37.3	62.5	92.9	130.3	179.2	245.6	335.7	414.6	499.1
-12.5°	0.0	14.5	37.1	62.4	92.4	129.6	178.2	244.2	331.4	409.5	492.4
-15°	0.0	14.5	36.9	62.1	91.8	128.6	176.5	241.7	325.9	403.5	484.1
-17.5°	0.0	14.4	36.6	61.7	90.9	127.2	174.2	239.0	319.5	396.2	474.1
-20°	0.0	14.3	36.2	61.1	89.9	125.3	172.2	236.1	312.3	387.8	462.6

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CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.1	35.7	60.3	88.6	123.1	171.4	232.5	304.5	378.3	449.4
-25°	0.0	14.0	35.2	59.4	87.1	122.1	170.0	228.3	296.2	367.7	434.7
-27.5°	0.0	13.7	34.5	58.3	85.3	121.4	168.0	223.4	287.5	356.2	421.2
-30°	0.0	13.5	33.8	57.1	83.6	120.2	165.4	218.0	279.7	344.4	406.8
-32.5°	0.0	13.2	32.9	55.7	82.8	118.4	162.2	213.7	272.3	332.7	391.5
-35°	0.0	12.9	32.0	54.2	81.7	116.2	159.3	209.2	264.4	321.0	375.1
-37.5°	0.0	12.6	31.0	52.5	80.3	113.9	156.2	204.1	256.1	309.6	359.2
-40°	0.0	12.2	30.0	50.7	78.6	111.8	152.4	198.4	247.5	299.2	343.6
-42.5°	0.0	11.8	28.8	48.9	76.6	109.3	148.0	192.0	239.6	286.0	327.1
-45°	0.0	11.4	27.6	47.2	74.5	106.3	143.0	185.5	231.7	271.8	310.1
-47.5°	0.0	11.0	26.3	45.4	72.0	102.9	137.4	178.9	223.0	257.1	293.7
-50°	0.0	10.5	24.9	43.5	69.1	99.0	132.4	171.5	210.8	243.5	276.7
-52.5°	0.0	10.0	23.5	41.5	65.9	94.7	127.0	163.4	198.5	229.5	259.5
-55°	0.0	9.4	22.0	39.2	62.4	90.0	121.1	154.7	185.8	215.2	243.7
-57.5°	0.0	8.9	20.4	36.8	58.6	84.9	114.6	146.8	172.5	200.1	227.6
-60°	0.0	8.3	18.8	34.1	54.5	79.3	107.5	136.8	158.9	184.4	210.7
-62.5°	0.0	7.7	17.5	31.2	50.1	73.3	99.8	125.7	145.5	168.2	192.4
-65°	0.0	7.0	16.1	28.2	45.3	66.9	91.4	114.0	131.5	151.4	173.6
-67.5°	0.0	6.4	14.6	25.0	40.3	60.0	82.6	101.7	116.8	133.9	153.3
-70°	0.0	5.7	13.1	21.6	35.1	52.4	73.4	89.1	101.9	115.8	131.9
-72.5°	0.0	5.0	11.6	18.9	29.6	44.4	62.7	76.2	86.8	98.1	110.3
-75°	0.0	4.3	10.0	16.3	23.9	36.2	51.5	62.5	71.3	80.2	89.8
-77.5°	0.0	3.6	8.4	13.7	19.7	27.7	39.8	48.6	55.9	62.5	69.0
-80°	0.0	2.9	6.7	11.0	15.9	21.3	27.9	34.7	40.6	45.9	50.5
-82.5°	0.0	2.2	5.1	8.3	11.9	16.0	20.5	22.9	25.2	29.2	32.8
-85°	0.0	1.5	3.4	5.5	8.0	10.7	13.7	15.2	16.5	17.4	18.2
-87.5°	0.0	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.2	8.7	9.1
-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°	9.2	9.2	9.1	8.8	8.4	7.9	7.3	6.5	6.8	7.0	7.3
85°	18.5	18.5	20.0	21.5	22.1	22.2	21.7	20.8	23.5	26.6	29.9
82.5°	36.1	39.2	42.2	45.0	45.3	44.5	43.2	41.5	47.0	53.6	60.6
80°	55.3	59.9	65.2	70.2	71.4	70.9	69.3	66.8	74.0	84.3	95.3
77.5°	76.7	84.1	90.9	97.2	99.0	98.7	97.6	95.5	104.7	118.9	133.6
75°	99.4	108.3	117.1	124.8	128.1	128.3	127.9	130.1	142.2	158.8	173.4
72.5°	123.0	134.3	144.2	152.7	158.0	162.1	167.4	174.0	186.2	202.5	216.8
70°	147.9	160.4	170.9	180.3	188.5	197.3	208.7	219.9	232.8	249.0	263.9
67.5°	172.5	185.2	197.0	208.6	223.5	237.6	251.7	266.4	282.7	299.7	314.8
65°	195.3	209.7	224.1	240.9	260.2	276.3	293.7	312.8	334.1	353.3	370.8
62.5°	217.2	233.4	251.2	271.6	292.5	312.6	336.0	360.5	385.4	409.5	433.3
60°	235.7	255.9	277.5	300.5	324.6	352.0	379.4	408.6	438.3	467.3	496.8
57.5°	253.4	278.4	303.3	330.1	360.1	391.5	424.3	457.3	492.8	527.8	561.4
55°	271.9	301.3	329.7	361.4	395.8	432.6	469.7	509.6	548.8	593.0	633.8
52.5°	291.6	323.6	356.9	393.2	433.4	474.9	518.4	564.2	613.0	662.1	712.0
50°	310.8	346.9	384.0	427.4	472.3	519.7	570.0	623.4	680.2	737.1	797.3
47.5°	330.9	369.4	414.7	461.9	513.3	567.3	624.3	687.7	750.8	822.4	891.5
45°	350.7	395.0	444.2	499.0	555.5	616.2	684.0	753.6	834.2	915.0	1005.9
42.5°	369.8	420.8	476.3	534.9	599.2	669.0	744.0	831.5	922.4	1022.5	1129.1
40°	391.7	445.5	508.0	573.5	643.1	723.0	813.1	910.3	1021.2	1139.8	1260.9
37.5°	412.8	473.3	539.2	610.2	691.1	781.0	880.5	999.7	1127.7	1262.5	1427.3
35°	432.7	499.8	571.4	649.2	736.8	841.0	960.0	1091.7	1239.2	1413.0	1605.4
32.5°	453.8	524.9	601.8	689.1	788.2	902.0	1037.3	1192.3	1366.8	1564.8	1805.3
30°	475.1	550.7	632.0	726.4	836.7	968.4	1122.1	1293.4	1494.1	1742.5	2024.9
27.5°	494.8	574.8	663.9	766.0	883.8	1029.7	1203.6	1404.4	1640.9	1921.5	2251.4
25°	512.9	596.8	693.1	803.7	935.9	1095.8	1284.4	1506.7	1787.8	2122.4	2528.2
22.5°	530.1	616.8	719.6	837.5	982.7	1159.7	1372.0	1626.5	1937.1	2312.7	2799.4
20°	546.2	638.4	745.9	870.0	1024.6	1217.5	1452.6	1738.3	2091.8	2536.3	3065.3
17.5°	560.5	657.5	770.8	905.0	1071.3	1276.2	1528.7	1837.0	2229.4	2736.0	3310.6
15°	572.7	674.0	792.4	935.4	1113.3	1334.6	1608.4	1945.2	2373.0	2917.7	3526.1
12.5°	582.8	687.7	810.5	960.9	1148.6	1384.0	1676.6	2041.6	2512.8	3088.8	3715.2
10°	590.9	698.8	825.0	981.6	1177.1	1424.0	1732.7	2120.5	2629.2	3235.4	3875.2
7.5°	597.7	707.4	836.2	997.2	1198.6	1454.6	1776.4	2181.4	2720.2	3351.6	3998.0
5°	602.5	713.6	844.7	1008.1	1214.4	1476.0	1806.9	2224.0	2784.8	3435.7	4081.9
2.5°	605.2	717.0	849.5	1014.0	1224.1	1488.0	1823.0	2250.7	2820.4	3483.8	4132.6
0°	605.8	717.5	850.7	1014.7	1226.9	1490.3	1825.5	2259.0	2827.9	3496.2	4151.1
-2.5°	605.2	717.0	849.5	1014.0	1224.1	1488.0	1823.0	2250.7	2820.4	3483.8	4132.6
-5°	602.5	713.6	844.7	1008.1	1214.4	1476.0	1806.9	2224.0	2784.8	3435.7	4081.9
-7.5°	597.7	707.4	836.2	997.2	1198.6	1454.6	1776.4	2181.4	2720.2	3351.6	3998.0
-10°	590.9	698.8	825.0	981.6	1177.1	1424.0	1732.7	2120.5	2629.2	3235.4	3875.2
-12.5°	582.8	687.7	810.5	960.9	1148.6	1384.0	1676.6	2041.6	2512.8	3088.8	3715.2
-15°	572.7	674.0	792.4	935.4	1113.3	1334.6	1608.4	1945.2	2373.0	2917.7	3526.1
-17.5°	560.5	657.5	770.8	905.0	1071.3	1276.2	1528.7	1837.0	2229.4	2736.0	3310.6
-20°	546.2	638.4	745.9	870.0	1024.6	1217.5	1452.6	1738.3	2091.8	2536.3	3065.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	530.1	616.8	719.6	837.5	982.7	1159.7	1372.0	1626.5	1937.1	2312.7	2799.4
-25°	512.9	596.8	693.1	803.7	935.9	1095.8	1284.4	1506.7	1787.8	2122.4	2528.2
-27.5°	494.8	574.8	663.9	766.0	883.8	1029.7	1203.6	1404.4	1640.9	1921.5	2251.4
-30°	475.1	550.7	632.0	726.4	836.7	968.4	1122.1	1293.4	1494.1	1742.5	2024.9
-32.5°	453.8	524.9	601.8	689.1	788.2	902.0	1037.3	1192.3	1366.8	1564.8	1805.3
-35°	432.7	499.8	571.4	649.2	736.8	841.0	960.0	1091.7	1239.2	1413.0	1605.4
-37.5°	412.8	473.3	539.2	610.2	691.1	781.0	880.5	999.7	1127.7	1262.5	1427.3
-40°	391.7	445.5	508.0	573.5	643.1	723.0	813.1	910.3	1021.2	1139.8	1260.9
-42.5°	369.8	420.8	476.3	534.9	599.2	669.0	744.0	831.5	922.4	1022.5	1129.1
-45°	350.7	395.0	444.2	499.0	555.5	616.2	684.0	753.6	834.2	915.0	1005.9
-47.5°	330.9	369.4	414.7	461.9	513.3	567.3	624.3	687.7	750.8	822.4	891.5
-50°	310.8	346.9	384.0	427.4	472.3	519.7	570.0	623.4	680.2	737.1	797.3
-52.5°	291.6	323.6	356.9	393.2	433.4	474.9	518.4	564.2	613.0	662.1	712.0
-55°	271.9	301.3	329.7	361.4	395.8	432.6	469.7	509.6	548.8	593.0	633.8
-57.5°	253.4	278.4	303.3	330.1	360.1	391.5	424.3	457.3	492.8	527.8	561.4
-60°	235.7	255.9	277.5	300.5	324.6	352.0	379.4	408.6	438.3	467.3	496.8
-62.5°	217.2	233.4	251.2	271.6	292.5	312.6	336.0	360.5	385.4	409.5	433.3
-65°	195.3	209.7	224.1	240.9	260.2	276.3	293.7	312.8	334.1	353.3	370.8
-67.5°	172.5	185.2	197.0	208.6	223.5	237.6	251.7	266.4	282.7	299.7	314.8
-70°	147.9	160.4	170.9	180.3	188.5	197.3	208.7	219.9	232.8	249.0	263.9
-72.5°	123.0	134.3	144.2	152.7	158.0	162.1	167.4	174.0	186.2	202.5	216.8
-75°	99.4	108.3	117.1	124.8	128.1	128.3	127.9	130.1	142.2	158.8	173.4
-77.5°	76.7	84.1	90.9	97.2	99.0	98.7	97.6	95.5	104.7	118.9	133.6
-80°	55.3	59.9	65.2	70.2	71.4	70.9	69.3	66.8	74.0	84.3	95.3
-82.5°	36.1	39.2	42.2	45.0	45.3	44.5	43.2	41.5	47.0	53.6	60.6
-85°	18.5	18.5	20.0	21.5	22.1	22.2	21.7	20.8	23.5	26.6	29.9
-87.5°	9.2	9.2	9.1	8.8	8.4	7.9	7.3	6.5	6.8	7.0	7.3
-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: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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°	7.5	7.3	7.1	6.8	6.5	6.4	6.3	6.1	5.9	5.5	5.0
85°	33.3	34.0	34.5	34.7	34.7	35.8	36.8	37.8	38.6	35.0	31.0
82.5°	67.8	71.0	73.8	76.5	79.3	81.2	82.6	83.6	84.3	76.3	67.3
80°	106.7	113.4	118.9	124.2	129.3	130.5	130.5	129.8	128.4	117.5	105.1
77.5°	148.4	157.2	164.1	171.0	177.7	180.2	181.4	182.4	183.0	169.5	152.8
75°	186.2	196.6	206.3	215.4	223.7	228.1	230.7	232.9	234.5	220.9	203.1
72.5°	229.3	240.4	250.9	260.9	269.7	275.5	279.3	282.5	284.9	277.2	266.0
70°	276.7	288.1	299.2	309.6	319.6	327.5	333.7	339.0	343.4	344.3	343.9
67.5°	329.4	342.9	356.1	367.5	379.3	390.4	400.2	408.3	414.7	419.0	421.4
65°	388.5	408.8	426.8	442.1	454.9	469.7	482.8	492.8	499.8	505.2	509.7
62.5°	458.1	482.7	503.3	523.7	544.8	565.2	578.0	590.8	603.4	615.2	625.3
60°	525.1	552.1	580.0	606.1	630.2	652.4	675.4	695.7	713.5	728.3	739.5
57.5°	596.6	629.4	661.2	694.3	725.4	754.4	782.8	808.9	831.5	850.5	866.1
55°	674.1	714.2	752.0	794.0	834.7	871.8	905.9	941.0	972.5	1000.3	1022.3
52.5°	757.7	809.8	859.8	909.1	961.9	1009.5	1052.1	1100.7	1143.7	1179.3	1207.0
50°	857.4	918.7	984.8	1045.9	1112.5	1178.0	1238.4	1296.9	1354.2	1403.7	1443.7
47.5°	971.1	1046.6	1128.4	1209.4	1292.0	1381.6	1461.5	1535.8	1615.8	1685.3	1741.0
45°	1097.4	1193.6	1292.4	1406.2	1511.2	1626.2	1732.7	1828.4	1941.9	2041.9	2122.4
42.5°	1237.5	1365.7	1495.6	1639.0	1778.1	1924.3	2079.5	2217.2	2367.7	2511.2	2627.1
40°	1411.2	1564.4	1738.4	1912.0	2111.7	2299.4	2525.4	2730.9	2917.5	3088.6	3228.9
37.5°	1604.2	1801.4	2020.0	2246.1	2519.4	2787.3	3052.0	3301.8	3522.4	3709.7	3866.7
35°	1823.3	2073.9	2338.7	2668.8	2989.0	3309.9	3608.8	3881.8	4121.8	4333.0	4512.7
32.5°	2075.3	2376.1	2746.8	3117.6	3482.9	3836.2	4164.3	4462.1	4725.2	4962.4	5169.0
30°	2340.3	2750.7	3166.7	3573.6	3972.5	4359.4	4719.6	5047.6	5344.9	5609.0	5847.1
27.5°	2677.0	3131.8	3585.5	4024.0	4462.9	4886.4	5276.7	5641.2	5982.3	6280.8	6552.9
25°	3002.7	3505.1	3987.4	4465.6	4943.3	5397.9	5834.4	6246.0	6636.7	6979.3	7283.1
22.5°	3328.3	3854.2	4369.6	4883.7	5396.9	5903.7	6393.8	6865.4	7302.3	7692.4	8034.4
20°	3629.9	4179.7	4730.8	5285.0	5841.3	6396.1	6946.5	7477.2	7963.9	8414.4	8810.2
17.5°	3900.3	4485.0	5069.2	5662.1	6265.1	6867.5	7478.9	8073.8	8630.3	9142.8	9601.9
15°	4139.8	4749.8	5377.3	6017.0	6664.6	7318.8	7985.9	8651.6	9278.0	9860.1	10372.7
12.5°	4349.1	4983.3	5641.0	6320.8	7023.6	7736.3	8464.4	9194.0	9887.5	10559.5	11112.9
10°	4521.8	5182.0	5869.4	6583.6	7324.8	8091.9	8873.0	9658.4	10422.4	11135.3	11768.2
7.5°	4655.2	5340.1	6048.4	6791.3	7568.9	8377.8	9205.3	10038.7	10854.1	11622.2	12322.5
5°	4749.3	5455.2	6172.5	6945.2	7749.8	8588.0	9448.1	10316.6	11168.9	11976.6	12702.4
2.5°	4804.0	5524.4	6244.7	7038.7	7857.4	8715.3	9598.6	10481.4	11356.3	12193.9	12939.7
0°	4818.4	5545.1	6286.1	7048.7	7891.2	8774.7	9626.5	10512.1	11421.2	12247.3	12990.4
-2.5°	4804.0	5524.4	6244.7	7038.7	7857.4	8715.3	9598.6	10481.4	11356.3	12193.9	12939.7
-5°	4749.3	5455.2	6172.5	6945.2	7749.8	8588.0	9448.1	10316.6	11168.9	11976.6	12702.4
-7.5°	4655.2	5340.1	6048.4	6791.3	7568.9	8377.8	9205.3	10038.7	10854.1	11622.2	12322.5
-10°	4521.8	5182.0	5869.4	6583.6	7324.8	8091.9	8873.0	9658.4	10422.4	11135.3	11768.2
-12.5°	4349.1	4983.3	5641.0	6320.8	7023.6	7736.3	8464.4	9194.0	9887.5	10559.5	11112.9
-15°	4139.8	4749.8	5377.3	6017.0	6664.6	7318.8	7985.9	8651.6	9278.0	9860.1	10372.7
-17.5°	3900.3	4485.0	5069.2	5662.1	6265.1	6867.5	7478.9	8073.8	8630.3	9142.8	9601.9
-20°	3629.9	4179.7	4730.8	5285.0	5841.3	6396.1	6946.5	7477.2	7963.9	8414.4	8810.2

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3328.3	3854.2	4369.6	4883.7	5396.9	5903.7	6393.8	6865.4	7302.3	7692.4	8034.4
-25°	3002.7	3505.1	3987.4	4465.6	4943.3	5397.9	5834.4	6246.0	6636.7	6979.3	7283.1
-27.5°	2677.0	3131.8	3585.5	4024.0	4462.9	4886.4	5276.7	5641.2	5982.3	6280.8	6552.9
-30°	2340.3	2750.7	3166.7	3573.6	3972.5	4359.4	4719.6	5047.6	5344.9	5609.0	5847.1
-32.5°	2075.3	2376.1	2746.8	3117.6	3482.9	3836.2	4164.3	4462.1	4725.2	4962.4	5169.0
-35°	1823.3	2073.9	2338.7	2668.8	2989.0	3309.9	3608.8	3881.8	4121.8	4333.0	4512.7
-37.5°	1604.2	1801.4	2020.0	2246.1	2519.4	2787.3	3052.0	3301.8	3522.4	3709.7	3866.7
-40°	1411.2	1564.4	1738.4	1912.0	2111.7	2299.4	2525.4	2730.9	2917.5	3088.6	3228.9
-42.5°	1237.5	1365.7	1495.6	1639.0	1778.1	1924.3	2079.5	2217.2	2367.7	2511.2	2627.1
-45°	1097.4	1193.6	1292.4	1406.2	1511.2	1626.2	1732.7	1828.4	1941.9	2041.9	2122.4
-47.5°	971.1	1046.6	1128.4	1209.4	1292.0	1381.6	1461.5	1535.8	1615.8	1685.3	1741.0
-50°	857.4	918.7	984.8	1045.9	1112.5	1178.0	1238.4	1296.9	1354.2	1403.7	1443.7
-52.5°	757.7	809.8	859.8	909.1	961.9	1009.5	1052.1	1100.7	1143.7	1179.3	1207.0
-55°	674.1	714.2	752.0	794.0	834.7	871.8	905.9	941.0	972.5	1000.3	1022.3
-57.5°	596.6	629.4	661.2	694.3	725.4	754.4	782.8	808.9	831.5	850.5	866.1
-60°	525.1	552.1	580.0	606.1	630.2	652.4	675.4	695.7	713.5	728.3	739.5
-62.5°	458.1	482.7	503.3	523.7	544.8	565.2	578.0	590.8	603.4	615.2	625.3
-65°	388.5	408.8	426.8	442.1	454.9	469.7	482.8	492.8	499.8	505.2	509.7
-67.5°	329.4	342.9	356.1	367.5	379.3	390.4	400.2	408.3	414.7	419.0	421.4
-70°	276.7	288.1	299.2	309.6	319.6	327.5	333.7	339.0	343.4	344.3	343.9
-72.5°	229.3	240.4	250.9	260.9	269.7	275.5	279.3	282.5	284.9	277.2	266.0
-75°	186.2	196.6	206.3	215.4	223.7	228.1	230.7	232.9	234.5	220.9	203.1
-77.5°	148.4	157.2	164.1	171.0	177.7	180.2	181.4	182.4	183.0	169.5	152.8
-80°	106.7	113.4	118.9	124.2	129.3	130.5	130.5	129.8	128.4	117.5	105.1
-82.5°	67.8	71.0	73.8	76.5	79.3	81.2	82.6	83.6	84.3	76.3	67.3
-85°	33.3	34.0	34.5	34.7	34.7	35.8	36.8	37.8	38.6	35.0	31.0
-87.5°	7.5	7.3	7.1	6.8	6.5	6.4	6.3	6.1	5.9	5.5	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-WR-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°	4.6	4.1	3.6	3.1	3.6	4.1	4.6	5.0	5.5	5.9	6.1
85°	26.8	22.4	22.0	21.5	22.0	22.4	26.8	31.0	35.0	38.6	37.8
82.5°	57.9	48.1	46.6	45.1	46.6	48.1	57.9	67.3	76.3	84.3	83.6
80°	92.2	78.9	76.3	73.8	76.3	78.9	92.2	105.1	117.5	128.4	129.8
77.5°	135.3	117.0	111.7	106.6	111.7	117.0	135.3	152.8	169.5	183.0	182.4
75°	184.5	165.3	158.8	152.7	158.8	165.3	184.5	203.1	220.9	234.5	232.9
72.5°	254.7	243.0	231.2	218.3	231.2	243.0	254.7	266.0	277.2	284.9	282.5
70°	343.5	342.7	339.8	335.2	339.8	342.7	343.5	343.9	344.3	343.4	339.0
67.5°	422.4	422.0	423.1	423.3	423.1	422.0	422.4	421.4	419.0	414.7	408.3
65°	512.5	513.5	515.7	516.6	515.7	513.5	512.5	509.7	505.2	499.8	492.8
62.5°	633.1	638.3	640.9	640.6	640.9	638.3	633.1	625.3	615.2	603.4	590.8
60°	747.7	753.2	756.6	757.5	756.6	753.2	747.7	739.5	728.3	713.5	695.7
57.5°	878.4	887.4	892.1	892.7	892.1	887.4	878.4	866.1	850.5	831.5	808.9
55°	1039.2	1051.0	1056.3	1055.7	1056.3	1051.0	1039.2	1022.3	1000.3	972.5	941.0
52.5°	1228.0	1242.4	1253.2	1259.7	1253.2	1242.4	1228.0	1207.0	1179.3	1143.7	1100.7
50°	1473.8	1494.4	1507.5	1512.9	1507.5	1494.4	1473.8	1443.7	1403.7	1354.2	1296.9
47.5°	1781.3	1808.6	1828.8	1842.9	1828.8	1808.6	1781.3	1741.0	1685.3	1615.8	1535.8
45°	2181.8	2223.4	2251.7	2268.3	2251.7	2223.4	2181.8	2122.4	2041.9	1941.9	1828.4
42.5°	2717.7	2782.3	2821.9	2837.1	2821.9	2782.3	2717.7	2627.1	2511.2	2367.7	2217.2
40°	3339.6	3417.3	3468.2	3503.3	3468.2	3417.3	3339.6	3228.9	3088.6	2917.5	2730.9
37.5°	3987.3	4068.9	4118.5	4152.1	4118.5	4068.9	3987.3	3866.7	3709.7	3522.4	3301.8
35°	4648.1	4733.5	4780.0	4806.1	4780.0	4733.5	4648.1	4512.7	4333.0	4121.8	3881.8
32.5°	5326.6	5420.6	5471.2	5523.5	5471.2	5420.6	5326.6	5169.0	4962.4	4725.2	4462.1
30°	6035.2	6143.1	6196.0	6221.6	6196.0	6143.1	6035.2	5847.1	5609.0	5344.9	5047.6
27.5°	6772.5	6907.0	6973.3	7016.9	6973.3	6907.0	6772.5	6552.9	6280.8	5982.3	5641.2
25°	7539.6	7706.3	7782.2	7850.2	7782.2	7706.3	7539.6	7283.1	6979.3	6636.7	6246.0
22.5°	8335.6	8543.2	8631.2	8679.4	8631.2	8543.2	8335.6	8034.4	7692.4	7302.3	6865.4
20°	9152.4	9400.5	9522.6	9585.5	9522.6	9400.5	9152.4	8810.2	8414.4	7963.9	7477.2
17.5°	9987.6	10296.2	10454.2	10490.5	10454.2	10296.2	9987.6	9601.9	9142.8	8630.3	8073.8
15°	10807.5	11141.3	11328.2	11396.6	11328.2	11141.3	10807.5	10372.7	9860.1	9278.0	8651.6
12.5°	11584.0	11930.0	12153.3	12193.0	12153.3	11930.0	11584.0	11112.9	10559.5	9887.5	9194.0
10°	12288.2	12646.6	12893.2	12949.4	12893.2	12646.6	12288.2	11768.2	11135.3	10422.4	9658.4
7.5°	12877.0	13270.2	13542.6	13590.0	13542.6	13270.2	12877.0	12322.5	11622.2	10854.1	10038.7
5°	13307.7	13774.6	13998.2	14054.3	13998.2	13774.6	13307.7	12702.4	11976.6	11168.9	10316.6
2.5°	13543.9	14019.3	14330.1	14294.2	14330.1	14019.3	13543.9	12939.7	12193.9	11356.3	10481.4
0°	13570.6	14067.7	14364.9	14502.3	14364.9	14067.7	13570.6	12990.4	12247.3	11421.2	10512.1
-2.5°	13543.9	14019.3	14330.1	14294.2	14330.1	14019.3	13543.9	12939.7	12193.9	11356.3	10481.4
-5°	13307.7	13774.6	13998.2	14054.3	13998.2	13774.6	13307.7	12702.4	11976.6	11168.9	10316.6
-7.5°	12877.0	13270.2	13542.6	13590.0	13542.6	13270.2	12877.0	12322.5	11622.2	10854.1	10038.7
-10°	12288.2	12646.6	12893.2	12949.4	12893.2	12646.6	12288.2	11768.2	11135.3	10422.4	9658.4
-12.5°	11584.0	11930.0	12153.3	12193.0	12153.3	11930.0	11584.0	11112.9	10559.5	9887.5	9194.0
-15°	10807.5	11141.3	11328.2	11396.6	11328.2	11141.3	10807.5	10372.7	9860.1	9278.0	8651.6
-17.5°	9987.6	10296.2	10454.2	10490.5	10454.2	10296.2	9987.6	9601.9	9142.8	8630.3	8073.8
-20°	9152.4	9400.5	9522.6	9585.5	9522.6	9400.5	9152.4	8810.2	8414.4	7963.9	7477.2



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8335.6	8543.2	8631.2	8679.4	8631.2	8543.2	8335.6	8034.4	7692.4	7302.3	6865.4
-25°	7539.6	7706.3	7782.2	7850.2	7782.2	7706.3	7539.6	7283.1	6979.3	6636.7	6246.0
-27.5°	6772.5	6907.0	6973.3	7016.9	6973.3	6907.0	6772.5	6552.9	6280.8	5982.3	5641.2
-30°	6035.2	6143.1	6196.0	6221.6	6196.0	6143.1	6035.2	5847.1	5609.0	5344.9	5047.6
-32.5°	5326.6	5420.6	5471.2	5523.5	5471.2	5420.6	5326.6	5169.0	4962.4	4725.2	4462.1
-35°	4648.1	4733.5	4780.0	4806.1	4780.0	4733.5	4648.1	4512.7	4333.0	4121.8	3881.8
-37.5°	3987.3	4068.9	4118.5	4152.1	4118.5	4068.9	3987.3	3866.7	3709.7	3522.4	3301.8
-40°	3339.6	3417.3	3468.2	3503.3	3468.2	3417.3	3339.6	3228.9	3088.6	2917.5	2730.9
-42.5°	2717.7	2782.3	2821.9	2837.1	2821.9	2782.3	2717.7	2627.1	2511.2	2367.7	2217.2
-45°	2181.8	2223.4	2251.7	2268.3	2251.7	2223.4	2181.8	2122.4	2041.9	1941.9	1828.4
-47.5°	1781.3	1808.6	1828.8	1842.9	1828.8	1808.6	1781.3	1741.0	1685.3	1615.8	1535.8
-50°	1473.8	1494.4	1507.5	1512.9	1507.5	1494.4	1473.8	1443.7	1403.7	1354.2	1296.9
-52.5°	1228.0	1242.4	1253.2	1259.7	1253.2	1242.4	1228.0	1207.0	1179.3	1143.7	1100.7
-55°	1039.2	1051.0	1056.3	1055.7	1056.3	1051.0	1039.2	1022.3	1000.3	972.5	941.0
-57.5°	878.4	887.4	892.1	892.7	892.1	887.4	878.4	866.1	850.5	831.5	808.9
-60°	747.7	753.2	756.6	757.5	756.6	753.2	747.7	739.5	728.3	713.5	695.7
-62.5°	633.1	638.3	640.9	640.6	640.9	638.3	633.1	625.3	615.2	603.4	590.8
-65°	512.5	513.5	515.7	516.6	515.7	513.5	512.5	509.7	505.2	499.8	492.8
-67.5°	422.4	422.0	423.1	423.3	423.1	422.0	422.4	421.4	419.0	414.7	408.3
-70°	343.5	342.7	339.8	335.2	339.8	342.7	343.5	343.9	344.3	343.4	339.0
-72.5°	254.7	243.0	231.2	218.3	231.2	243.0	254.7	266.0	277.2	284.9	282.5
-75°	184.5	165.3	158.8	152.7	158.8	165.3	184.5	203.1	220.9	234.5	232.9
-77.5°	135.3	117.0	111.7	106.6	111.7	117.0	135.3	152.8	169.5	183.0	182.4
-80°	92.2	78.9	76.3	73.8	76.3	78.9	92.2	105.1	117.5	128.4	129.8
-82.5°	57.9	48.1	46.6	45.1	46.6	48.1	57.9	67.3	76.3	84.3	83.6
-85°	26.8	22.4	22.0	21.5	22.0	22.4	26.8	31.0	35.0	38.6	37.8
-87.5°	4.6	4.1	3.6	3.1	3.6	4.1	4.6	5.0	5.5	5.9	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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°	6.3	6.4	6.5	6.8	7.1	7.3	7.5	7.3	7.0	6.8	6.5
85°	36.8	35.8	34.7	34.7	34.5	34.0	33.3	29.9	26.6	23.5	20.8
82.5°	82.6	81.2	79.3	76.5	73.8	71.0	67.8	60.6	53.6	47.0	41.5
80°	130.5	130.5	129.3	124.2	118.9	113.4	106.7	95.3	84.3	74.0	66.8
77.5°	181.4	180.2	177.7	171.0	164.1	157.2	148.4	133.6	118.9	104.7	95.5
75°	230.7	228.1	223.7	215.4	206.3	196.6	186.2	173.4	158.8	142.2	130.1
72.5°	279.3	275.5	269.7	260.9	250.9	240.4	229.3	216.8	202.5	186.2	174.0
70°	333.7	327.5	319.6	309.6	299.2	288.1	276.7	263.9	249.0	232.8	219.9
67.5°	400.2	390.4	379.3	367.5	356.1	342.9	329.4	314.8	299.7	282.7	266.4
65°	482.8	469.7	454.9	442.1	426.8	408.8	388.5	370.8	353.3	334.1	312.8
62.5°	578.0	565.2	544.8	523.7	503.3	482.7	458.1	433.3	409.5	385.4	360.5
60°	675.4	652.4	630.2	606.1	580.0	552.1	525.1	496.8	467.3	438.3	408.6
57.5°	782.8	754.4	725.4	694.3	661.2	629.4	596.6	561.4	527.8	492.8	457.3
55°	905.9	871.8	834.7	794.0	752.0	714.2	674.1	633.8	593.0	548.8	509.6
52.5°	1052.1	1009.5	961.9	909.1	859.8	809.8	757.7	712.0	662.1	613.0	564.2
50°	1238.4	1178.0	1112.5	1045.9	984.8	918.7	857.4	797.3	737.1	680.2	623.4
47.5°	1461.5	1381.6	1292.0	1209.4	1128.4	1046.6	971.1	891.5	822.4	750.8	687.7
45°	1732.7	1626.2	1511.2	1406.2	1292.4	1193.6	1097.4	1005.9	915.0	834.2	753.6
42.5°	2079.5	1924.3	1778.1	1639.0	1495.6	1365.7	1237.5	1129.1	1022.5	922.4	831.5
40°	2525.4	2299.4	2111.7	1912.0	1738.4	1564.4	1411.2	1260.9	1139.8	1021.2	910.3
37.5°	3052.0	2787.3	2519.4	2246.1	2020.0	1801.4	1604.2	1427.3	1262.5	1127.7	999.7
35°	3608.8	3309.9	2989.0	2668.8	2338.7	2073.9	1823.3	1605.4	1413.0	1239.2	1091.7
32.5°	4164.3	3836.2	3482.9	3117.6	2746.8	2376.1	2075.3	1805.3	1564.8	1366.8	1192.3
30°	4719.6	4359.4	3972.5	3573.6	3166.7	2750.7	2340.3	2024.9	1742.5	1494.1	1293.4
27.5°	5276.7	4886.4	4462.9	4024.0	3585.5	3131.8	2677.0	2251.4	1921.5	1640.9	1404.4
25°	5834.4	5397.9	4943.3	4465.6	3987.4	3505.1	3002.7	2528.2	2122.4	1787.8	1506.7
22.5°	6393.8	5903.7	5396.9	4883.7	4369.6	3854.2	3328.3	2799.4	2312.7	1937.1	1626.5
20°	6946.5	6396.1	5841.3	5285.0	4730.8	4179.7	3629.9	3065.3	2536.3	2091.8	1738.3
17.5°	7478.9	6867.5	6265.1	5662.1	5069.2	4485.0	3900.3	3310.6	2736.0	2229.4	1837.0
15°	7985.9	7318.8	6664.6	6017.0	5377.3	4749.8	4139.8	3526.1	2917.7	2373.0	1945.2
12.5°	8464.4	7736.3	7023.6	6320.8	5641.0	4983.3	4349.1	3715.2	3088.8	2512.8	2041.6
10°	8873.0	8091.9	7324.8	6583.6	5869.4	5182.0	4521.8	3875.2	3235.4	2629.2	2120.5
7.5°	9205.3	8377.8	7568.9	6791.3	6048.4	5340.1	4655.2	3998.0	3351.6	2720.2	2181.4
5°	9448.1	8588.0	7749.8	6945.2	6172.5	5455.2	4749.3	4081.9	3435.7	2784.8	2224.0
2.5°	9598.6	8715.3	7857.4	7038.7	6244.7	5524.4	4804.0	4132.6	3483.8	2820.4	2250.7
0°	9626.5	8774.7	7891.2	7048.7	6286.1	5545.1	4818.4	4151.1	3496.2	2827.9	2259.0
-2.5°	9598.6	8715.3	7857.4	7038.7	6244.7	5524.4	4804.0	4132.6	3483.8	2820.4	2250.7
-5°	9448.1	8588.0	7749.8	6945.2	6172.5	5455.2	4749.3	4081.9	3435.7	2784.8	2224.0
-7.5°	9205.3	8377.8	7568.9	6791.3	6048.4	5340.1	4655.2	3998.0	3351.6	2720.2	2181.4
-10°	8873.0	8091.9	7324.8	6583.6	5869.4	5182.0	4521.8	3875.2	3235.4	2629.2	2120.5
-12.5°	8464.4	7736.3	7023.6	6320.8	5641.0	4983.3	4349.1	3715.2	3088.8	2512.8	2041.6
-15°	7985.9	7318.8	6664.6	6017.0	5377.3	4749.8	4139.8	3526.1	2917.7	2373.0	1945.2
-17.5°	7478.9	6867.5	6265.1	5662.1	5069.2	4485.0	3900.3	3310.6	2736.0	2229.4	1837.0
-20°	6946.5	6396.1	5841.3	5285.0	4730.8	4179.7	3629.9	3065.3	2536.3	2091.8	1738.3



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6393.8	5903.7	5396.9	4883.7	4369.6	3854.2	3328.3	2799.4	2312.7	1937.1	1626.5
-25°	5834.4	5397.9	4943.3	4465.6	3987.4	3505.1	3002.7	2528.2	2122.4	1787.8	1506.7
-27.5°	5276.7	4886.4	4462.9	4024.0	3585.5	3131.8	2677.0	2251.4	1921.5	1640.9	1404.4
-30°	4719.6	4359.4	3972.5	3573.6	3166.7	2750.7	2340.3	2024.9	1742.5	1494.1	1293.4
-32.5°	4164.3	3836.2	3482.9	3117.6	2746.8	2376.1	2075.3	1805.3	1564.8	1366.8	1192.3
-35°	3608.8	3309.9	2989.0	2668.8	2338.7	2073.9	1823.3	1605.4	1413.0	1239.2	1091.7
-37.5°	3052.0	2787.3	2519.4	2246.1	2020.0	1801.4	1604.2	1427.3	1262.5	1127.7	999.7
-40°	2525.4	2299.4	2111.7	1912.0	1738.4	1564.4	1411.2	1260.9	1139.8	1021.2	910.3
-42.5°	2079.5	1924.3	1778.1	1639.0	1495.6	1365.7	1237.5	1129.1	1022.5	922.4	831.5
-45°	1732.7	1626.2	1511.2	1406.2	1292.4	1193.6	1097.4	1005.9	915.0	834.2	753.6
-47.5°	1461.5	1381.6	1292.0	1209.4	1128.4	1046.6	971.1	891.5	822.4	750.8	687.7
-50°	1238.4	1178.0	1112.5	1045.9	984.8	918.7	857.4	797.3	737.1	680.2	623.4
-52.5°	1052.1	1009.5	961.9	909.1	859.8	809.8	757.7	712.0	662.1	613.0	564.2
-55°	905.9	871.8	834.7	794.0	752.0	714.2	674.1	633.8	593.0	548.8	509.6
-57.5°	782.8	754.4	725.4	694.3	661.2	629.4	596.6	561.4	527.8	492.8	457.3
-60°	675.4	652.4	630.2	606.1	580.0	552.1	525.1	496.8	467.3	438.3	408.6
-62.5°	578.0	565.2	544.8	523.7	503.3	482.7	458.1	433.3	409.5	385.4	360.5
-65°	482.8	469.7	454.9	442.1	426.8	408.8	388.5	370.8	353.3	334.1	312.8
-67.5°	400.2	390.4	379.3	367.5	356.1	342.9	329.4	314.8	299.7	282.7	266.4
-70°	333.7	327.5	319.6	309.6	299.2	288.1	276.7	263.9	249.0	232.8	219.9
-72.5°	279.3	275.5	269.7	260.9	250.9	240.4	229.3	216.8	202.5	186.2	174.0
-75°	230.7	228.1	223.7	215.4	206.3	196.6	186.2	173.4	158.8	142.2	130.1
-77.5°	181.4	180.2	177.7	171.0	164.1	157.2	148.4	133.6	118.9	104.7	95.5
-80°	130.5	130.5	129.3	124.2	118.9	113.4	106.7	95.3	84.3	74.0	66.8
-82.5°	82.6	81.2	79.3	76.5	73.8	71.0	67.8	60.6	53.6	47.0	41.5
-85°	36.8	35.8	34.7	34.7	34.5	34.0	33.3	29.9	26.6	23.5	20.8
-87.5°	6.3	6.4	6.5	6.8	7.1	7.3	7.5	7.3	7.0	6.8	6.5
-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: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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°	7.3	7.9	8.4	8.8	9.1	9.2	9.2	9.1	8.7	8.2	7.6
85°	21.7	22.2	22.1	21.5	20.0	18.5	18.5	18.2	17.4	16.5	15.2
82.5°	43.2	44.5	45.3	45.0	42.2	39.2	36.1	32.8	29.2	25.2	22.9
80°	69.3	70.9	71.4	70.2	65.2	59.9	55.3	50.5	45.9	40.6	34.7
77.5°	97.6	98.7	99.0	97.2	90.9	84.1	76.7	69.0	62.5	55.9	48.6
75°	127.9	128.3	128.1	124.8	117.1	108.3	99.4	89.8	80.2	71.3	62.5
72.5°	167.4	162.1	158.0	152.7	144.2	134.3	123.0	110.3	98.1	86.8	76.2
70°	208.7	197.3	188.5	180.3	170.9	160.4	147.9	131.9	115.8	101.9	89.1
67.5°	251.7	237.6	223.5	208.6	197.0	185.2	172.5	153.3	133.9	116.8	101.7
65°	293.7	276.3	260.2	240.9	224.1	209.7	195.3	173.6	151.4	131.5	114.0
62.5°	336.0	312.6	292.5	271.6	251.2	233.4	217.2	192.4	168.2	145.5	125.7
60°	379.4	352.0	324.6	300.5	277.5	255.9	235.7	210.7	184.4	158.9	136.8
57.5°	424.3	391.5	360.1	330.1	303.3	278.4	253.4	227.6	200.1	172.5	146.8
55°	469.7	432.6	395.8	361.4	329.7	301.3	271.9	243.7	215.2	185.8	154.7
52.5°	518.4	474.9	433.4	393.2	356.9	323.6	291.6	259.5	229.5	198.5	163.4
50°	570.0	519.7	472.3	427.4	384.0	346.9	310.8	276.7	243.5	210.8	171.5
47.5°	624.3	567.3	513.3	461.9	414.7	369.4	330.9	293.7	257.1	223.0	178.9
45°	684.0	616.2	555.5	499.0	444.2	395.0	350.7	310.1	271.8	231.7	185.5
42.5°	744.0	669.0	599.2	534.9	476.3	420.8	369.8	327.1	286.0	239.6	192.0
40°	813.1	723.0	643.1	573.5	508.0	445.5	391.7	343.6	299.2	247.5	198.4
37.5°	880.5	781.0	691.1	610.2	539.2	473.3	412.8	359.2	309.6	256.1	204.1
35°	960.0	841.0	736.8	649.2	571.4	499.8	432.7	375.1	321.0	264.4	209.2
32.5°	1037.3	902.0	788.2	689.1	601.8	524.9	453.8	391.5	332.7	272.3	213.7
30°	1122.1	968.4	836.7	726.4	632.0	550.7	475.1	406.8	344.4	279.7	218.0
27.5°	1203.6	1029.7	883.8	766.0	663.9	574.8	494.8	421.2	356.2	287.5	223.4
25°	1284.4	1095.8	935.9	803.7	693.1	596.8	512.9	434.7	367.7	296.2	228.3
22.5°	1372.0	1159.7	982.7	837.5	719.6	616.8	530.1	449.4	378.3	304.5	232.5
20°	1452.6	1217.5	1024.6	870.0	745.9	638.4	546.2	462.6	387.8	312.3	236.1
17.5°	1528.7	1276.2	1071.3	905.0	770.8	657.5	560.5	474.1	396.2	319.5	239.0
15°	1608.4	1334.6	1113.3	935.4	792.4	674.0	572.7	484.1	403.5	325.9	241.7
12.5°	1676.6	1384.0	1148.6	960.9	810.5	687.7	582.8	492.4	409.5	331.4	244.2
10°	1732.7	1424.0	1177.1	981.6	825.0	698.8	590.9	499.1	414.6	335.7	245.6
7.5°	1776.4	1454.6	1198.6	997.2	836.2	707.4	597.7	504.3	418.5	338.7	245.9
5°	1806.9	1476.0	1214.4	1008.1	844.7	713.6	602.5	507.8	421.1	340.3	245.2
2.5°	1823.0	1488.0	1224.1	1014.0	849.5	717.0	605.2	509.5	422.4	340.6	243.5
0°	1825.5	1490.3	1226.9	1014.7	850.7	717.5	605.8	509.4	422.3	339.3	240.9
-2.5°	1823.0	1488.0	1224.1	1014.0	849.5	717.0	605.2	509.5	422.4	340.6	243.5
-5°	1806.9	1476.0	1214.4	1008.1	844.7	713.6	602.5	507.8	421.1	340.3	245.2
-7.5°	1776.4	1454.6	1198.6	997.2	836.2	707.4	597.7	504.3	418.5	338.7	245.9
-10°	1732.7	1424.0	1177.1	981.6	825.0	698.8	590.9	499.1	414.6	335.7	245.6
-12.5°	1676.6	1384.0	1148.6	960.9	810.5	687.7	582.8	492.4	409.5	331.4	244.2
-15°	1608.4	1334.6	1113.3	935.4	792.4	674.0	572.7	484.1	403.5	325.9	241.7
-17.5°	1528.7	1276.2	1071.3	905.0	770.8	657.5	560.5	474.1	396.2	319.5	239.0
-20°	1452.6	1217.5	1024.6	870.0	745.9	638.4	546.2	462.6	387.8	312.3	236.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1372.0	1159.7	982.7	837.5	719.6	616.8	530.1	449.4	378.3	304.5	232.5
-25°	1284.4	1095.8	935.9	803.7	693.1	596.8	512.9	434.7	367.7	296.2	228.3
-27.5°	1203.6	1029.7	883.8	766.0	663.9	574.8	494.8	421.2	356.2	287.5	223.4
-30°	1122.1	968.4	836.7	726.4	632.0	550.7	475.1	406.8	344.4	279.7	218.0
-32.5°	1037.3	902.0	788.2	689.1	601.8	524.9	453.8	391.5	332.7	272.3	213.7
-35°	960.0	841.0	736.8	649.2	571.4	499.8	432.7	375.1	321.0	264.4	209.2
-37.5°	880.5	781.0	691.1	610.2	539.2	473.3	412.8	359.2	309.6	256.1	204.1
-40°	813.1	723.0	643.1	573.5	508.0	445.5	391.7	343.6	299.2	247.5	198.4
-42.5°	744.0	669.0	599.2	534.9	476.3	420.8	369.8	327.1	286.0	239.6	192.0
-45°	684.0	616.2	555.5	499.0	444.2	395.0	350.7	310.1	271.8	231.7	185.5
-47.5°	624.3	567.3	513.3	461.9	414.7	369.4	330.9	293.7	257.1	223.0	178.9
-50°	570.0	519.7	472.3	427.4	384.0	346.9	310.8	276.7	243.5	210.8	171.5
-52.5°	518.4	474.9	433.4	393.2	356.9	323.6	291.6	259.5	229.5	198.5	163.4
-55°	469.7	432.6	395.8	361.4	329.7	301.3	271.9	243.7	215.2	185.8	154.7
-57.5°	424.3	391.5	360.1	330.1	303.3	278.4	253.4	227.6	200.1	172.5	146.8
-60°	379.4	352.0	324.6	300.5	277.5	255.9	235.7	210.7	184.4	158.9	136.8
-62.5°	336.0	312.6	292.5	271.6	251.2	233.4	217.2	192.4	168.2	145.5	125.7
-65°	293.7	276.3	260.2	240.9	224.1	209.7	195.3	173.6	151.4	131.5	114.0
-67.5°	251.7	237.6	223.5	208.6	197.0	185.2	172.5	153.3	133.9	116.8	101.7
-70°	208.7	197.3	188.5	180.3	170.9	160.4	147.9	131.9	115.8	101.9	89.1
-72.5°	167.4	162.1	158.0	152.7	144.2	134.3	123.0	110.3	98.1	86.8	76.2
-75°	127.9	128.3	128.1	124.8	117.1	108.3	99.4	89.8	80.2	71.3	62.5
-77.5°	97.6	98.7	99.0	97.2	90.9	84.1	76.7	69.0	62.5	55.9	48.6
-80°	69.3	70.9	71.4	70.2	65.2	59.9	55.3	50.5	45.9	40.6	34.7
-82.5°	43.2	44.5	45.3	45.0	42.2	39.2	36.1	32.8	29.2	25.2	22.9
-85°	21.7	22.2	22.1	21.5	20.0	18.5	18.5	18.2	17.4	16.5	15.2
-87.5°	7.3	7.9	8.4	8.8	9.1	9.2	9.2	9.1	8.7	8.2	7.6
-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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REPORT NUMBER: P627313 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
85°	13.7	10.7	8.0	5.5	3.4	1.5	0.0
82.5°	20.5	16.0	11.9	8.3	5.1	2.2	0.0
80°	27.9	21.3	15.9	11.0	6.7	2.9	0.0
77.5°	39.8	27.7	19.7	13.7	8.4	3.6	0.0
75°	51.5	36.2	23.9	16.3	10.0	4.3	0.0
72.5°	62.7	44.4	29.6	18.9	11.6	5.0	0.0
70°	73.4	52.4	35.1	21.6	13.1	5.7	0.0
67.5°	82.6	60.0	40.3	25.0	14.6	6.4	0.0
65°	91.4	66.9	45.3	28.2	16.1	7.0	0.0
62.5°	99.8	73.3	50.1	31.2	17.5	7.7	0.0
60°	107.5	79.3	54.5	34.1	18.8	8.3	0.0
57.5°	114.6	84.9	58.6	36.8	20.4	8.9	0.0
55°	121.1	90.0	62.4	39.2	22.0	9.4	0.0
52.5°	127.0	94.7	65.9	41.5	23.5	10.0	0.0
50°	132.4	99.0	69.1	43.5	24.9	10.5	0.0
47.5°	137.4	102.9	72.0	45.4	26.3	11.0	0.0
45°	143.0	106.3	74.5	47.2	27.6	11.4	0.0
42.5°	148.0	109.3	76.6	48.9	28.8	11.8	0.0
40°	152.4	111.8	78.6	50.7	30.0	12.2	0.0
37.5°	156.2	113.9	80.3	52.5	31.0	12.6	0.0
35°	159.3	116.2	81.7	54.2	32.0	12.9	0.0
32.5°	162.2	118.4	82.8	55.7	32.9	13.2	0.0
30°	165.4	120.2	83.6	57.1	33.8	13.5	0.0
27.5°	168.0	121.4	85.3	58.3	34.5	13.7	0.0
25°	170.0	122.1	87.1	59.4	35.2	14.0	0.0
22.5°	171.4	123.1	88.6	60.3	35.7	14.1	0.0
20°	172.2	125.3	89.9	61.1	36.2	14.3	0.0
17.5°	174.2	127.2	90.9	61.7	36.6	14.4	0.0
15°	176.5	128.6	91.8	62.1	36.9	14.5	0.0
12.5°	178.2	129.6	92.4	62.4	37.1	14.5	0.0
10°	179.2	130.3	92.9	62.5	37.3	14.5	0.0
7.5°	179.6	130.5	93.0	62.5	37.3	14.5	0.0
5°	179.4	130.4	93.0	62.3	37.3	14.5	0.0
2.5°	178.7	130.0	92.7	62.0	37.1	14.4	0.0
0°	177.3	129.1	92.2	61.5	36.9	14.3	0.0
-2.5°	178.7	130.0	92.7	62.0	37.1	14.4	0.0
-5°	179.4	130.4	93.0	62.3	37.3	14.5	0.0
-7.5°	179.6	130.5	93.0	62.5	37.3	14.5	0.0
-10°	179.2	130.3	92.9	62.5	37.3	14.5	0.0
-12.5°	178.2	129.6	92.4	62.4	37.1	14.5	0.0
-15°	176.5	128.6	91.8	62.1	36.9	14.5	0.0
-17.5°	174.2	127.2	90.9	61.7	36.6	14.4	0.0
-20°	172.2	125.3	89.9	61.1	36.2	14.3	0.0

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CATALOG NUMBER: GFLD-SA4B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.4	123.1	88.6	60.3	35.7	14.1	0.0
-25°	170.0	122.1	87.1	59.4	35.2	14.0	0.0
-27.5°	168.0	121.4	85.3	58.3	34.5	13.7	0.0
-30°	165.4	120.2	83.6	57.1	33.8	13.5	0.0
-32.5°	162.2	118.4	82.8	55.7	32.9	13.2	0.0
-35°	159.3	116.2	81.7	54.2	32.0	12.9	0.0
-37.5°	156.2	113.9	80.3	52.5	31.0	12.6	0.0
-40°	152.4	111.8	78.6	50.7	30.0	12.2	0.0
-42.5°	148.0	109.3	76.6	48.9	28.8	11.8	0.0
-45°	143.0	106.3	74.5	47.2	27.6	11.4	0.0
-47.5°	137.4	102.9	72.0	45.4	26.3	11.0	0.0
-50°	132.4	99.0	69.1	43.5	24.9	10.5	0.0
-52.5°	127.0	94.7	65.9	41.5	23.5	10.0	0.0
-55°	121.1	90.0	62.4	39.2	22.0	9.4	0.0
-57.5°	114.6	84.9	58.6	36.8	20.4	8.9	0.0
-60°	107.5	79.3	54.5	34.1	18.8	8.3	0.0
-62.5°	99.8	73.3	50.1	31.2	17.5	7.7	0.0
-65°	91.4	66.9	45.3	28.2	16.1	7.0	0.0
-67.5°	82.6	60.0	40.3	25.0	14.6	6.4	0.0
-70°	73.4	52.4	35.1	21.6	13.1	5.7	0.0
-72.5°	62.7	44.4	29.6	18.9	11.6	5.0	0.0
-75°	51.5	36.2	23.9	16.3	10.0	4.3	0.0
-77.5°	39.8	27.7	19.7	13.7	8.4	3.6	0.0
-80°	27.9	21.3	15.9	11.0	6.7	2.9	0.0
-82.5°	20.5	16.0	11.9	8.3	5.1	2.2	0.0
-85°	13.7	10.7	8.0	5.5	3.4	1.5	0.0
-87.5°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)