

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: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627113 (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-SA3B-740-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N76
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

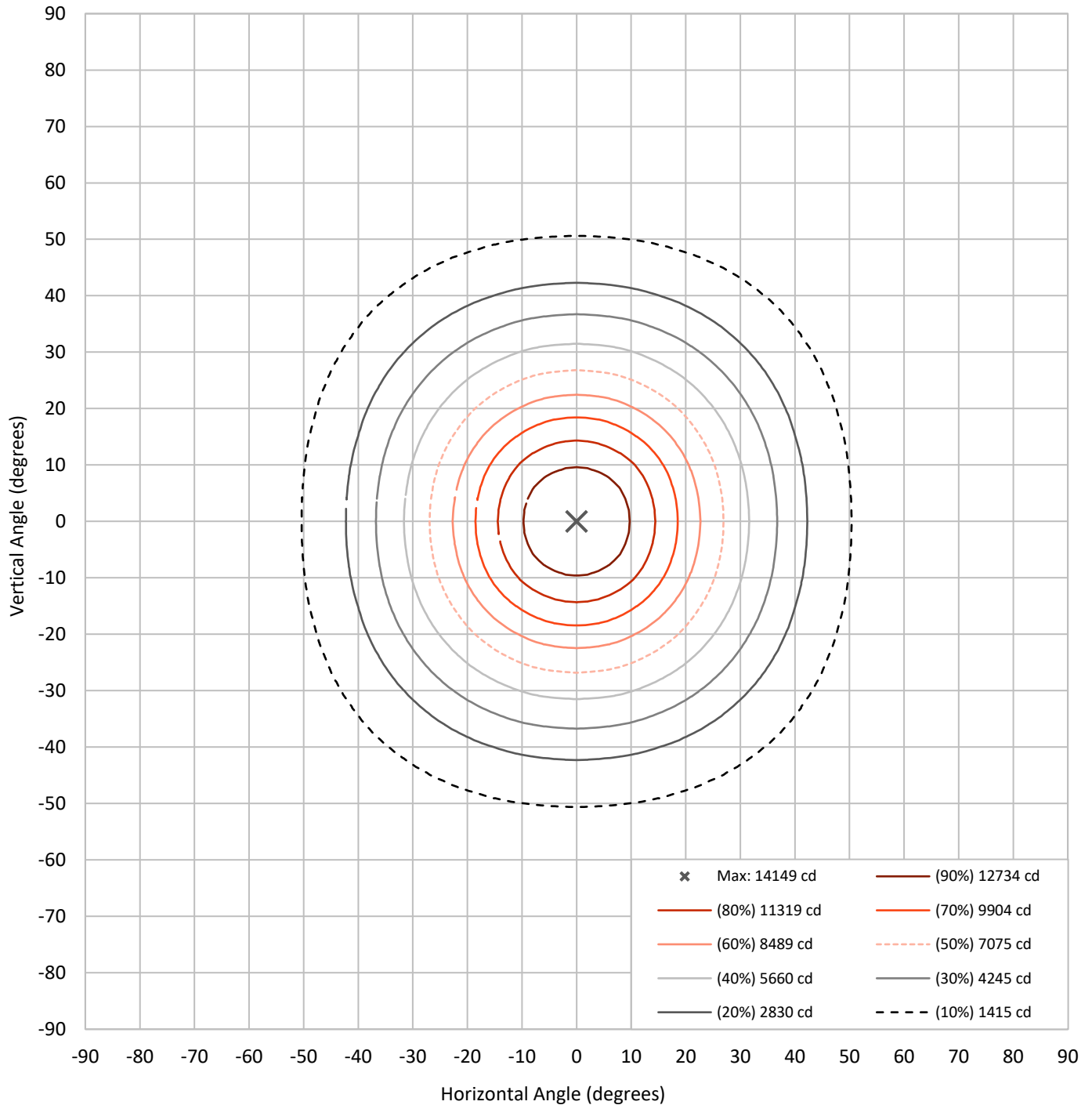
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14400.4 lumens	Max Intensity:	14149 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	6885.4 lumens	Field Lumens:	12708.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





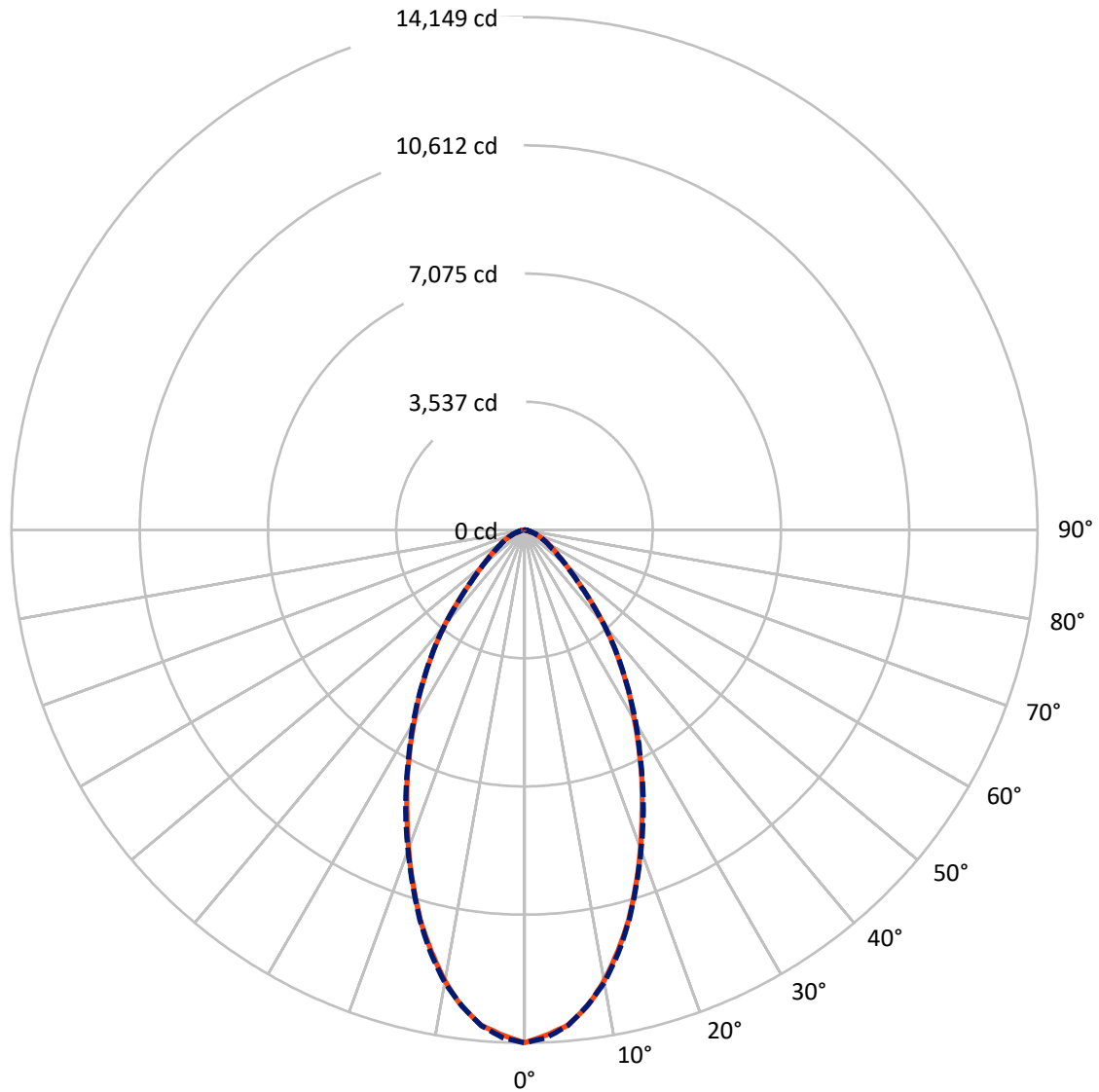
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Lumen Table

90															90	
80	0.6	4.0		9.1		15.1		12.9		15.1		9.1		4.0		0.6
70															70	
60	1.9	2.2	4.1	6.6	9.6	12.5	14.6	15.7	15.7	14.6	12.5	9.6	6.6	4.1	2.2	1.9
50		3.1	6.2	10.8	16.6	22.8	28.4	31.7	31.7	28.4	22.8	16.6	10.8	6.2	3.1	
40	2.8	4.0	8.6	16.1	27.2	41.8	57.6	68.2	68.2	57.6	41.8	27.2	16.1	8.6	4.0	2.8
30		4.8	11.3	23.4	45.6	81.0	117.7	139.7	139.7	117.7	81.0	45.6	23.4	11.3	4.8	
20	3.3	5.6	14.1	32.8	73.8	132.6	189.8	226.9	226.9	189.8	132.6	73.8	32.8	14.1	5.6	3.3
10		6.3	16.5	42.6	100.7	179.1	264.4	325.3	325.3	264.4	179.1	100.7	42.6	16.5	6.3	
0	3.4	6.6	17.9	48.9	115.9	208.2	316.8	398.5	398.5	316.8	208.2	115.9	48.9	17.9	6.6	3.4
-10		6.6	17.9	48.9	115.9	208.2	316.8	398.5	398.5	316.8	208.2	115.9	48.9	17.9	6.6	
-20	3.3	6.3	16.5	42.6	100.7	179.1	264.4	325.3	325.3	264.4	179.1	100.7	42.6	16.5	6.3	3.3
-30		5.6	14.1	32.8	73.8	132.6	189.8	226.9	226.9	189.8	132.6	73.8	32.8	14.1	5.6	
-40	2.8	4.8	11.3	23.4	45.6	81.0	117.7	139.7	139.7	117.7	81.0	45.6	23.4	11.3	4.8	2.8
-50		4.0	8.6	16.1	27.2	41.8	57.6	68.2	68.2	57.6	41.8	27.2	16.1	8.6	4.0	
-60	1.9	3.1	6.2	10.8	16.6	22.8	28.4	31.7	31.7	28.4	22.8	16.6	10.8	6.2	3.1	1.9
-70		2.2	4.1	6.6	9.6	12.5	14.6	15.7	15.7	14.6	12.5	9.6	6.6	4.1	2.2	
-80															-80	
-90	0.6	4.0		9.1		15.1		12.9		15.1		9.1		4.0		0.6
Horizontal Angle (degrees)																

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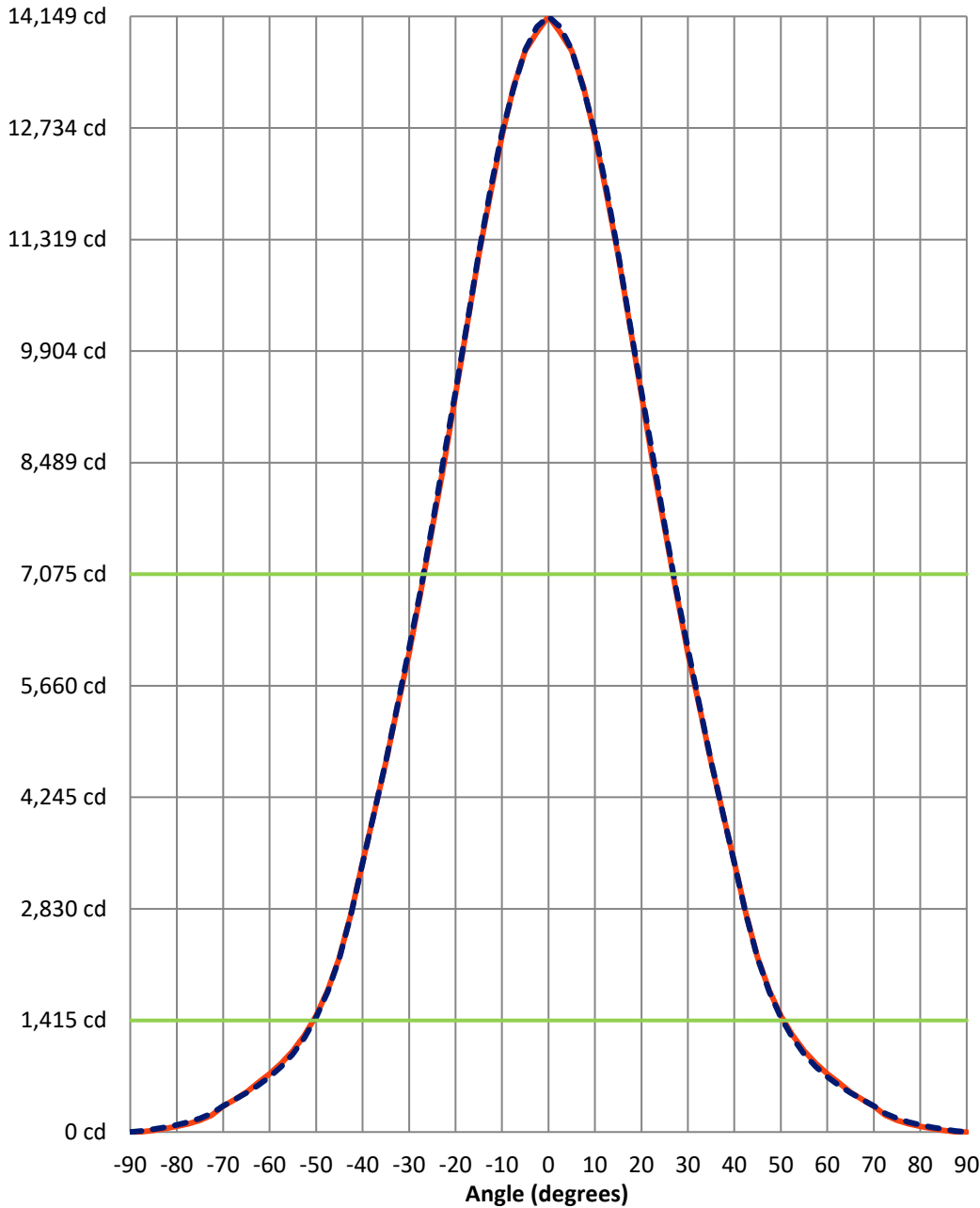
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6885.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 12708.8
 Efficiency: 88.3%

Spill:
 Lumens: 1691.5
 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	2.7	3.9	5.2	6.7	7.4	8.0	8.5	8.9
85°	0.0	1.4	3.3	5.4	7.8	10.5	13.4	14.9	16.1	17.0	17.8
82.5°	0.0	2.2	4.9	8.1	11.7	15.7	20.1	22.3	24.6	28.5	32.0
80°	0.0	2.9	6.6	10.7	15.5	20.8	27.3	33.9	39.6	44.8	49.3
77.5°	0.0	3.6	8.2	13.4	19.2	27.0	38.9	47.5	54.6	61.0	67.4
75°	0.0	4.2	9.7	15.9	23.3	35.3	50.2	61.0	69.6	78.3	87.6
72.5°	0.0	4.9	11.3	18.5	28.9	43.4	61.2	74.3	84.7	95.8	107.6
70°	0.0	5.6	12.8	21.1	34.2	51.1	71.6	86.9	99.5	112.9	128.7
67.5°	0.0	6.2	14.2	24.4	39.4	58.5	80.6	99.2	113.9	130.6	149.6
65°	0.0	6.9	15.6	27.5	44.3	65.3	89.2	111.2	128.3	147.7	169.4
62.5°	0.0	7.5	17.0	30.5	48.9	71.5	97.3	122.6	142.0	164.1	187.8
60°	0.0	8.1	18.3	33.3	53.2	77.4	104.9	133.4	155.1	180.0	205.6
57.5°	0.0	8.7	19.9	35.9	57.2	82.8	111.8	143.2	168.3	195.3	222.1
55°	0.0	9.2	21.4	38.3	60.9	87.8	118.1	150.9	181.3	210.0	237.8
52.5°	0.0	9.7	22.9	40.5	64.3	92.4	123.9	159.4	193.7	223.9	253.2
50°	0.0	10.2	24.3	42.5	67.4	96.6	129.1	167.3	205.7	237.6	270.0
47.5°	0.0	10.7	25.7	44.3	70.2	100.4	134.0	174.5	217.5	250.9	286.6
45°	0.0	11.1	26.9	46.1	72.7	103.7	139.5	181.0	226.0	265.2	302.6
42.5°	0.0	11.6	28.1	47.7	74.8	106.7	144.4	187.4	233.8	279.1	319.2
40°	0.0	12.0	29.2	49.5	76.7	109.1	148.7	193.6	241.5	291.9	335.2
37.5°	0.0	12.3	30.3	51.3	78.4	111.1	152.4	199.1	249.9	302.1	350.4
35°	0.0	12.6	31.3	52.9	79.7	113.4	155.4	204.1	258.0	313.2	366.0
32.5°	0.0	12.9	32.2	54.4	80.8	115.6	158.2	208.5	265.7	324.6	381.9
30°	0.0	13.2	33.0	55.7	81.5	117.2	161.3	212.7	273.0	336.0	396.9
27.5°	0.0	13.4	33.7	56.9	83.3	118.4	163.9	218.0	280.5	347.5	410.9
25°	0.0	13.6	34.3	58.0	84.9	119.1	165.8	222.7	289.0	358.8	424.1
22.5°	0.0	13.8	34.9	58.8	86.4	120.1	167.2	226.9	297.1	369.1	438.4
20°	0.0	14.0	35.4	59.6	87.7	122.3	168.1	230.4	304.7	378.4	451.3
17.5°	0.0	14.1	35.7	60.2	88.8	124.1	169.9	233.2	311.7	386.6	462.6
15°	0.0	14.1	36.0	60.6	89.6	125.5	172.2	235.9	318.0	393.7	472.3
12.5°	0.0	14.2	36.2	60.8	90.2	126.5	173.8	238.3	323.4	399.5	480.4
10°	0.0	14.2	36.4	61.0	90.6	127.1	174.9	239.6	327.5	404.5	486.9
7.5°	0.0	14.2	36.4	60.9	90.8	127.4	175.3	239.9	330.4	408.3	492.0
5°	0.0	14.2	36.4	60.8	90.8	127.3	175.1	239.2	332.0	410.8	495.4
2.5°	0.0	14.1	36.2	60.5	90.5	126.8	174.3	237.6	332.3	412.1	497.1
0°	0.0	14.0	36.0	60.0	90.0	126.0	173.0	235.0	331.0	412.0	497.0
-2.5°	0.0	14.1	36.2	60.5	90.5	126.8	174.3	237.6	332.3	412.1	497.1
-5°	0.0	14.2	36.4	60.8	90.8	127.3	175.1	239.2	332.0	410.8	495.4
-7.5°	0.0	14.2	36.4	60.9	90.8	127.4	175.3	239.9	330.4	408.3	492.0
-10°	0.0	14.2	36.4	61.0	90.6	127.1	174.9	239.6	327.5	404.5	486.9
-12.5°	0.0	14.2	36.2	60.8	90.2	126.5	173.8	238.3	323.4	399.5	480.4
-15°	0.0	14.1	36.0	60.6	89.6	125.5	172.2	235.9	318.0	393.7	472.3
-17.5°	0.0	14.1	35.7	60.2	88.8	124.1	169.9	233.2	311.7	386.6	462.6
-20°	0.0	14.0	35.4	59.6	87.7	122.3	168.1	230.4	304.7	378.4	451.3

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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°	0.0	13.8	34.9	58.8	86.4	120.1	167.2	226.9	297.1	369.1	438.4
-25°	0.0	13.6	34.3	58.0	84.9	119.1	165.8	222.7	289.0	358.8	424.1
-27.5°	0.0	13.4	33.7	56.9	83.3	118.4	163.9	218.0	280.5	347.5	410.9
-30°	0.0	13.2	33.0	55.7	81.5	117.2	161.3	212.7	273.0	336.0	396.9
-32.5°	0.0	12.9	32.2	54.4	80.8	115.6	158.2	208.5	265.7	324.6	381.9
-35°	0.0	12.6	31.3	52.9	79.7	113.4	155.4	204.1	258.0	313.2	366.0
-37.5°	0.0	12.3	30.3	51.3	78.4	111.1	152.4	199.1	249.9	302.1	350.4
-40°	0.0	12.0	29.2	49.5	76.7	109.1	148.7	193.6	241.5	291.9	335.2
-42.5°	0.0	11.6	28.1	47.7	74.8	106.7	144.4	187.4	233.8	279.1	319.2
-45°	0.0	11.1	26.9	46.1	72.7	103.7	139.5	181.0	226.0	265.2	302.6
-47.5°	0.0	10.7	25.7	44.3	70.2	100.4	134.0	174.5	217.5	250.9	286.6
-50°	0.0	10.2	24.3	42.5	67.4	96.6	129.1	167.3	205.7	237.6	270.0
-52.5°	0.0	9.7	22.9	40.5	64.3	92.4	123.9	159.4	193.7	223.9	253.2
-55°	0.0	9.2	21.4	38.3	60.9	87.8	118.1	150.9	181.3	210.0	237.8
-57.5°	0.0	8.7	19.9	35.9	57.2	82.8	111.8	143.2	168.3	195.3	222.1
-60°	0.0	8.1	18.3	33.3	53.2	77.4	104.9	133.4	155.1	180.0	205.6
-62.5°	0.0	7.5	17.0	30.5	48.9	71.5	97.3	122.6	142.0	164.1	187.8
-65°	0.0	6.9	15.6	27.5	44.3	65.3	89.2	111.2	128.3	147.7	169.4
-67.5°	0.0	6.2	14.2	24.4	39.4	58.5	80.6	99.2	113.9	130.6	149.6
-70°	0.0	5.6	12.8	21.1	34.2	51.1	71.6	86.9	99.5	112.9	128.7
-72.5°	0.0	4.9	11.3	18.5	28.9	43.4	61.2	74.3	84.7	95.8	107.6
-75°	0.0	4.2	9.7	15.9	23.3	35.3	50.2	61.0	69.6	78.3	87.6
-77.5°	0.0	3.6	8.2	13.4	19.2	27.0	38.9	47.5	54.6	61.0	67.4
-80°	0.0	2.9	6.6	10.7	15.5	20.8	27.3	33.9	39.6	44.8	49.3
-82.5°	0.0	2.2	4.9	8.1	11.7	15.7	20.1	22.3	24.6	28.5	32.0
-85°	0.0	1.4	3.3	5.4	7.8	10.5	13.4	14.9	16.1	17.0	17.8
-87.5°	0.0	0.7	1.7	2.7	3.9	5.2	6.7	7.4	8.0	8.5	8.9
-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°	9.0	9.0	8.9	8.6	8.2	7.7	7.1	6.4	6.6	6.9	7.1
85°	18.0	18.0	19.5	20.9	21.6	21.6	21.2	20.3	22.9	25.9	29.2
82.5°	35.2	38.3	41.1	43.9	44.1	43.4	42.1	40.5	45.9	52.3	59.1
80°	54.0	58.5	63.7	68.5	69.6	69.1	67.7	65.2	72.2	82.2	93.0
77.5°	74.9	82.0	88.7	94.8	96.6	96.3	95.2	93.2	102.2	116.0	130.4
75°	97.0	105.6	114.2	121.7	125.0	125.2	124.8	127.0	138.8	154.9	169.2
72.5°	120.0	131.0	140.7	149.0	154.1	158.1	163.3	169.8	181.7	197.6	211.6
70°	144.3	156.5	166.7	175.9	183.9	192.5	203.6	214.6	227.1	243.0	257.5
67.5°	168.3	180.7	192.2	203.5	218.0	231.8	245.6	259.9	275.8	292.4	307.1
65°	190.6	204.6	218.6	235.1	253.8	269.5	286.5	305.2	325.9	344.7	361.7
62.5°	211.9	227.7	245.1	265.0	285.3	305.0	327.7	351.7	376.0	399.5	422.8
60°	229.9	249.6	270.7	293.1	316.6	343.4	370.1	398.6	427.6	455.9	484.7
57.5°	247.3	271.6	295.9	322.1	351.3	381.9	414.0	446.1	480.7	515.0	547.7
55°	265.3	293.9	321.6	352.6	386.1	422.0	458.3	497.2	535.4	578.6	618.3
52.5°	284.5	315.7	348.2	383.6	422.8	463.3	505.8	550.4	598.1	646.0	694.6
50°	303.2	338.4	374.6	417.0	460.8	507.1	556.1	608.1	663.6	719.1	777.9
47.5°	322.8	360.4	404.6	450.6	500.8	553.5	609.0	670.9	732.5	802.3	869.8
45°	342.2	385.3	433.3	486.8	541.9	601.2	667.3	735.2	813.9	892.8	981.4
42.5°	360.7	410.5	464.7	521.8	584.6	652.7	725.8	811.2	899.9	997.6	1101.6
40°	382.1	434.6	495.6	559.5	627.4	705.4	793.3	888.2	996.3	1112.0	1230.2
37.5°	402.7	461.7	526.1	595.4	674.3	762.0	859.1	975.4	1100.2	1231.7	1392.5
35°	422.2	487.6	557.5	633.4	718.8	820.5	936.7	1065.1	1209.0	1378.6	1566.2
32.5°	442.8	512.1	587.1	672.3	769.0	880.1	1012.0	1163.2	1333.5	1526.6	1761.4
30°	463.5	537.2	616.6	708.8	816.3	944.9	1094.8	1261.9	1457.7	1700.0	1975.6
27.5°	482.7	560.8	647.7	747.3	862.4	1004.6	1174.3	1370.2	1600.9	1874.7	2196.6
25°	500.4	582.2	676.3	784.1	913.1	1069.1	1253.1	1470.0	1744.2	2070.7	2466.7
22.5°	517.2	601.7	702.1	817.2	958.8	1131.5	1338.6	1586.9	1889.9	2256.3	2731.2
20°	532.9	622.9	727.8	848.8	999.6	1187.9	1417.2	1695.9	2040.8	2474.5	2990.6
17.5°	546.8	641.5	752.0	883.0	1045.2	1245.2	1491.4	1792.2	2175.1	2669.4	3230.0
15°	558.7	657.5	773.1	912.6	1086.2	1302.1	1569.2	1897.8	2315.1	2846.6	3440.2
12.5°	568.6	671.0	790.7	937.6	1120.6	1350.2	1635.7	1991.9	2451.6	3013.5	3624.7
10°	576.5	681.7	804.9	957.7	1148.4	1389.3	1690.5	2068.8	2565.1	3156.6	3780.8
7.5°	583.1	690.2	815.8	972.9	1169.4	1419.2	1733.1	2128.2	2653.9	3269.9	3900.6
5°	587.8	696.2	824.1	983.6	1184.8	1440.0	1762.9	2169.8	2717.0	3352.0	3982.5
2.5°	590.5	699.5	828.8	989.3	1194.3	1451.8	1778.6	2195.9	2751.7	3398.9	4032.0
0°	591.0	700.0	830.0	990.0	1197.0	1454.0	1781.0	2204.0	2759.0	3411.0	4050.0
-2.5°	590.5	699.5	828.8	989.3	1194.3	1451.8	1778.6	2195.9	2751.7	3398.9	4032.0
-5°	587.8	696.2	824.1	983.6	1184.8	1440.0	1762.9	2169.8	2717.0	3352.0	3982.5
-7.5°	583.1	690.2	815.8	972.9	1169.4	1419.2	1733.1	2128.2	2653.9	3269.9	3900.6
-10°	576.5	681.7	804.9	957.7	1148.4	1389.3	1690.5	2068.8	2565.1	3156.6	3780.8
-12.5°	568.6	671.0	790.7	937.6	1120.6	1350.2	1635.7	1991.9	2451.6	3013.5	3624.7
-15°	558.7	657.5	773.1	912.6	1086.2	1302.1	1569.2	1897.8	2315.1	2846.6	3440.2
-17.5°	546.8	641.5	752.0	883.0	1045.2	1245.2	1491.4	1792.2	2175.1	2669.4	3230.0
-20°	532.9	622.9	727.8	848.8	999.6	1187.9	1417.2	1695.9	2040.8	2474.5	2990.6

Classified

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



REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	517.2	601.7	702.1	817.2	958.8	1131.5	1338.6	1586.9	1889.9	2256.3	2731.2
-25°	500.4	582.2	676.3	784.1	913.1	1069.1	1253.1	1470.0	1744.2	2070.7	2466.7
-27.5°	482.7	560.8	647.7	747.3	862.4	1004.6	1174.3	1370.2	1600.9	1874.7	2196.6
-30°	463.5	537.2	616.6	708.8	816.3	944.9	1094.8	1261.9	1457.7	1700.0	1975.6
-32.5°	442.8	512.1	587.1	672.3	769.0	880.1	1012.0	1163.2	1333.5	1526.6	1761.4
-35°	422.2	487.6	557.5	633.4	718.8	820.5	936.7	1065.1	1209.0	1378.6	1566.2
-37.5°	402.7	461.7	526.1	595.4	674.3	762.0	859.1	975.4	1100.2	1231.7	1392.5
-40°	382.1	434.6	495.6	559.5	627.4	705.4	793.3	888.2	996.3	1112.0	1230.2
-42.5°	360.7	410.5	464.7	521.8	584.6	652.7	725.8	811.2	899.9	997.6	1101.6
-45°	342.2	385.3	433.3	486.8	541.9	601.2	667.3	735.2	813.9	892.8	981.4
-47.5°	322.8	360.4	404.6	450.6	500.8	553.5	609.0	670.9	732.5	802.3	869.8
-50°	303.2	338.4	374.6	417.0	460.8	507.1	556.1	608.1	663.6	719.1	777.9
-52.5°	284.5	315.7	348.2	383.6	422.8	463.3	505.8	550.4	598.1	646.0	694.6
-55°	265.3	293.9	321.6	352.6	386.1	422.0	458.3	497.2	535.4	578.6	618.3
-57.5°	247.3	271.6	295.9	322.1	351.3	381.9	414.0	446.1	480.7	515.0	547.7
-60°	229.9	249.6	270.7	293.1	316.6	343.4	370.1	398.6	427.6	455.9	484.7
-62.5°	211.9	227.7	245.1	265.0	285.3	305.0	327.7	351.7	376.0	399.5	422.8
-65°	190.6	204.6	218.6	235.1	253.8	269.5	286.5	305.2	325.9	344.7	361.7
-67.5°	168.3	180.7	192.2	203.5	218.0	231.8	245.6	259.9	275.8	292.4	307.1
-70°	144.3	156.5	166.7	175.9	183.9	192.5	203.6	214.6	227.1	243.0	257.5
-72.5°	120.0	131.0	140.7	149.0	154.1	158.1	163.3	169.8	181.7	197.6	211.6
-75°	97.0	105.6	114.2	121.7	125.0	125.2	124.8	127.0	138.8	154.9	169.2
-77.5°	74.9	82.0	88.7	94.8	96.6	96.3	95.2	93.2	102.2	116.0	130.4
-80°	54.0	58.5	63.7	68.5	69.6	69.1	67.7	65.2	72.2	82.2	93.0
-82.5°	35.2	38.3	41.1	43.9	44.1	43.4	42.1	40.5	45.9	52.3	59.1
-85°	18.0	18.0	19.5	20.9	21.6	21.6	21.2	20.3	22.9	25.9	29.2
-87.5°	9.0	9.0	8.9	8.6	8.2	7.7	7.1	6.4	6.6	6.9	7.1
-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: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	7.4	7.2	6.9	6.7	6.3	6.2	6.1	6.0	5.8	5.4	4.9
85°	32.5	33.2	33.6	33.8	33.8	34.9	36.0	36.9	37.7	34.2	30.3
82.5°	66.1	69.2	72.0	74.7	77.3	79.2	80.6	81.6	82.2	74.4	65.7
80°	104.1	110.6	116.0	121.2	126.1	127.3	127.3	126.6	125.3	114.6	102.5
77.5°	144.8	153.3	160.1	166.8	173.4	175.8	177.0	177.9	178.5	165.3	149.1
75°	181.7	191.8	201.3	210.1	218.2	222.6	225.1	227.2	228.8	215.5	198.1
72.5°	223.7	234.5	244.8	254.5	263.1	268.8	272.6	275.6	278.0	270.5	259.6
70°	270.0	281.1	292.0	302.1	311.9	319.5	325.6	330.8	335.1	335.9	335.5
67.5°	321.4	334.5	347.4	358.5	370.0	380.9	390.4	398.3	404.6	408.8	411.1
65°	379.0	398.8	416.4	431.3	443.8	458.3	471.0	480.8	487.6	492.8	497.3
62.5°	446.9	470.9	491.1	511.0	531.5	551.5	563.9	576.5	588.7	600.2	610.1
60°	512.3	538.6	565.9	591.3	614.8	636.5	658.9	678.7	696.1	710.6	721.4
57.5°	582.0	614.0	645.0	677.3	707.7	736.0	763.7	789.2	811.3	829.8	845.0
55°	657.7	696.8	733.7	774.6	814.3	850.5	883.9	918.1	948.8	975.9	997.4
52.5°	739.2	790.1	838.9	887.0	938.5	984.9	1026.5	1073.9	1115.9	1150.6	1177.6
50°	836.6	896.4	960.8	1020.4	1085.3	1149.3	1208.2	1265.3	1321.2	1369.5	1408.5
47.5°	947.4	1021.0	1100.9	1179.9	1260.5	1347.9	1425.9	1498.3	1576.4	1644.2	1698.6
45°	1070.7	1164.5	1260.9	1372.0	1474.3	1586.6	1690.5	1783.9	1894.6	1992.1	2070.7
42.5°	1207.4	1332.4	1459.2	1599.1	1734.8	1877.4	2028.8	2163.1	2310.0	2450.0	2563.1
40°	1376.8	1526.3	1696.1	1865.4	2060.3	2243.4	2463.9	2664.4	2846.4	3013.4	3150.2
37.5°	1565.1	1757.5	1970.8	2191.4	2458.1	2719.4	2977.6	3221.4	3436.6	3619.3	3772.6
35°	1778.9	2023.4	2281.7	2603.8	2916.2	3229.2	3520.8	3787.3	4021.3	4227.5	4402.8
32.5°	2024.8	2318.2	2679.9	3041.7	3398.0	3742.7	4062.9	4353.4	4610.1	4841.6	5043.2
30°	2283.3	2683.7	3089.6	3486.5	3875.7	4253.2	4604.6	4924.7	5214.7	5472.4	5704.6
27.5°	2611.8	3055.5	3498.1	3926.0	4354.2	4767.4	5148.2	5503.7	5836.5	6127.8	6393.2
25°	2929.5	3419.7	3890.3	4356.8	4822.9	5266.5	5692.3	6093.9	6475.0	6809.3	7105.7
22.5°	3247.2	3760.3	4263.1	4764.7	5265.4	5760.0	6238.1	6698.2	7124.4	7505.0	7838.7
20°	3541.5	4077.9	4615.5	5156.3	5699.0	6240.3	6777.3	7295.1	7770.0	8209.4	8595.5
17.5°	3805.3	4375.7	4945.8	5524.2	6112.5	6700.2	7296.7	7877.2	8420.1	8920.1	9368.0
15°	4038.9	4634.1	5246.3	5870.5	6502.3	7140.5	7791.4	8440.9	9052.0	9619.9	10120.0
12.5°	4243.2	4862.0	5503.6	6166.8	6852.5	7547.9	8258.2	8970.1	9646.7	10302.3	10842.2
10°	4411.7	5055.8	5726.4	6423.3	7146.4	7894.7	8656.8	9423.1	10168.5	10864.0	11481.5
7.5°	4541.8	5210.0	5901.1	6625.9	7384.6	8173.7	8981.0	9794.2	10589.7	11339.1	12022.3
5°	4633.7	5322.3	6022.1	6776.0	7561.0	8378.8	9217.9	10065.3	10896.9	11684.8	12392.9
2.5°	4687.0	5389.8	6092.6	6867.3	7666.0	8502.9	9364.8	10226.1	11079.6	11896.9	12624.5
0°	4701.0	5410.0	6133.0	6877.0	7699.0	8561.0	9392.0	10256.0	11143.0	11949.0	12674.0
-2.5°	4687.0	5389.8	6092.6	6867.3	7666.0	8502.9	9364.8	10226.1	11079.6	11896.9	12624.5
-5°	4633.7	5322.3	6022.1	6776.0	7561.0	8378.8	9217.9	10065.3	10896.9	11684.8	12392.9
-7.5°	4541.8	5210.0	5901.1	6625.9	7384.6	8173.7	8981.0	9794.2	10589.7	11339.1	12022.3
-10°	4411.7	5055.8	5726.4	6423.3	7146.4	7894.7	8656.8	9423.1	10168.5	10864.0	11481.5
-12.5°	4243.2	4862.0	5503.6	6166.8	6852.5	7547.9	8258.2	8970.1	9646.7	10302.3	10842.2
-15°	4038.9	4634.1	5246.3	5870.5	6502.3	7140.5	7791.4	8440.9	9052.0	9619.9	10120.0
-17.5°	3805.3	4375.7	4945.8	5524.2	6112.5	6700.2	7296.7	7877.2	8420.1	8920.1	9368.0
-20°	3541.5	4077.9	4615.5	5156.3	5699.0	6240.3	6777.3	7295.1	7770.0	8209.4	8595.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3247.2	3760.3	4263.1	4764.7	5265.4	5760.0	6238.1	6698.2	7124.4	7505.0	7838.7
-25°	2929.5	3419.7	3890.3	4356.8	4822.9	5266.5	5692.3	6093.9	6475.0	6809.3	7105.7
-27.5°	2611.8	3055.5	3498.1	3926.0	4354.2	4767.4	5148.2	5503.7	5836.5	6127.8	6393.2
-30°	2283.3	2683.7	3089.6	3486.5	3875.7	4253.2	4604.6	4924.7	5214.7	5472.4	5704.6
-32.5°	2024.8	2318.2	2679.9	3041.7	3398.0	3742.7	4062.9	4353.4	4610.1	4841.6	5043.2
-35°	1778.9	2023.4	2281.7	2603.8	2916.2	3229.2	3520.8	3787.3	4021.3	4227.5	4402.8
-37.5°	1565.1	1757.5	1970.8	2191.4	2458.1	2719.4	2977.6	3221.4	3436.6	3619.3	3772.6
-40°	1376.8	1526.3	1696.1	1865.4	2060.3	2243.4	2463.9	2664.4	2846.4	3013.4	3150.2
-42.5°	1207.4	1332.4	1459.2	1599.1	1734.8	1877.4	2028.8	2163.1	2310.0	2450.0	2563.1
-45°	1070.7	1164.5	1260.9	1372.0	1474.3	1586.6	1690.5	1783.9	1894.6	1992.1	2070.7
-47.5°	947.4	1021.0	1100.9	1179.9	1260.5	1347.9	1425.9	1498.3	1576.4	1644.2	1698.6
-50°	836.6	896.4	960.8	1020.4	1085.3	1149.3	1208.2	1265.3	1321.2	1369.5	1408.5
-52.5°	739.2	790.1	838.9	887.0	938.5	984.9	1026.5	1073.9	1115.9	1150.6	1177.6
-55°	657.7	696.8	733.7	774.6	814.3	850.5	883.9	918.1	948.8	975.9	997.4
-57.5°	582.0	614.0	645.0	677.3	707.7	736.0	763.7	789.2	811.3	829.8	845.0
-60°	512.3	538.6	565.9	591.3	614.8	636.5	658.9	678.7	696.1	710.6	721.4
-62.5°	446.9	470.9	491.1	511.0	531.5	551.5	563.9	576.5	588.7	600.2	610.1
-65°	379.0	398.8	416.4	431.3	443.8	458.3	471.0	480.8	487.6	492.8	497.3
-67.5°	321.4	334.5	347.4	358.5	370.0	380.9	390.4	398.3	404.6	408.8	411.1
-70°	270.0	281.1	292.0	302.1	311.9	319.5	325.6	330.8	335.1	335.9	335.5
-72.5°	223.7	234.5	244.8	254.5	263.1	268.8	272.6	275.6	278.0	270.5	259.6
-75°	181.7	191.8	201.3	210.1	218.2	222.6	225.1	227.2	228.8	215.5	198.1
-77.5°	144.8	153.3	160.1	166.8	173.4	175.8	177.0	177.9	178.5	165.3	149.1
-80°	104.1	110.6	116.0	121.2	126.1	127.3	127.3	126.6	125.3	114.6	102.5
-82.5°	66.1	69.2	72.0	74.7	77.3	79.2	80.6	81.6	82.2	74.4	65.7
-85°	32.5	33.2	33.6	33.8	33.8	34.9	36.0	36.9	37.7	34.2	30.3
-87.5°	7.4	7.2	6.9	6.7	6.3	6.2	6.1	6.0	5.8	5.4	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: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	4.5	4.0	3.5	3.0	3.5	4.0	4.5	4.9	5.4	5.8	6.0
85°	26.2	21.9	21.5	21.0	21.5	21.9	26.2	30.3	34.2	37.7	36.9
82.5°	56.5	46.9	45.4	44.0	45.4	46.9	56.5	65.7	74.4	82.2	81.6
80°	90.0	77.0	74.4	72.0	74.4	77.0	90.0	102.5	114.6	125.3	126.6
77.5°	132.0	114.2	109.0	104.0	109.0	114.2	132.0	149.1	165.3	178.5	177.9
75°	180.0	161.3	154.9	149.0	154.9	161.3	180.0	198.1	215.5	228.8	227.2
72.5°	248.6	237.2	225.6	213.0	225.6	237.2	248.6	259.6	270.5	278.0	275.6
70°	335.2	334.4	331.5	327.0	331.5	334.4	335.2	335.5	335.9	335.1	330.8
67.5°	412.1	411.8	412.8	413.0	412.8	411.8	412.1	411.1	408.8	404.6	398.3
65°	500.1	501.0	503.1	504.0	503.1	501.0	500.1	497.3	492.8	487.6	480.8
62.5°	617.7	622.8	625.3	625.0	625.3	622.8	617.7	610.1	600.2	588.7	576.5
60°	729.5	734.8	738.2	739.0	738.2	734.8	729.5	721.4	710.6	696.1	678.7
57.5°	857.0	865.7	870.3	871.0	870.3	865.7	857.0	845.0	829.8	811.3	789.2
55°	1013.9	1025.4	1030.6	1030.0	1030.6	1025.4	1013.9	997.4	975.9	948.8	918.1
52.5°	1198.1	1212.1	1222.6	1229.0	1222.6	1212.1	1198.1	1177.6	1150.6	1115.9	1073.9
50°	1437.9	1458.0	1470.8	1476.0	1470.8	1458.0	1437.9	1408.5	1369.5	1321.2	1265.3
47.5°	1737.9	1764.5	1784.2	1798.0	1784.2	1764.5	1737.9	1698.6	1644.2	1576.4	1498.3
45°	2128.7	2169.3	2196.9	2213.0	2196.9	2169.3	2128.7	2070.7	1992.1	1894.6	1783.9
42.5°	2651.5	2714.5	2753.2	2768.0	2753.2	2714.5	2651.5	2563.1	2450.0	2310.0	2163.1
40°	3258.2	3334.0	3383.7	3418.0	3383.7	3334.0	3258.2	3150.2	3013.4	2846.4	2664.4
37.5°	3890.2	3969.8	4018.1	4051.0	4018.1	3969.8	3890.2	3772.6	3619.3	3436.6	3221.4
35°	4534.9	4618.2	4663.6	4689.0	4663.6	4618.2	4534.9	4402.8	4227.5	4021.3	3787.3
32.5°	5196.8	5288.6	5337.9	5389.0	5337.9	5288.6	5196.8	5043.2	4841.6	4610.1	4353.4
30°	5888.1	5993.4	6045.1	6070.0	6045.1	5993.4	5888.1	5704.6	5472.4	5214.7	4924.7
27.5°	6607.5	6738.8	6803.4	6846.0	6803.4	6738.8	6607.5	6393.2	6127.8	5836.5	5503.7
25°	7356.0	7518.6	7592.7	7659.0	7592.7	7518.6	7356.0	7105.7	6809.3	6475.0	6093.9
22.5°	8132.6	8335.1	8420.9	8468.0	8420.9	8335.1	8132.6	7838.7	7505.0	7124.4	6698.2
20°	8929.4	9171.5	9290.7	9352.0	9290.7	9171.5	8929.4	8595.5	8209.4	7770.0	7295.1
17.5°	9744.3	10045.4	10199.6	10235.0	10199.6	10045.4	9744.3	9368.0	8920.1	8420.1	7877.2
15°	10544.2	10869.9	11052.2	11119.0	11052.2	10869.9	10544.2	10120.0	9619.9	9052.0	8440.9
12.5°	11301.8	11639.4	11857.2	11896.0	11857.2	11639.4	11301.8	10842.2	10302.3	9646.7	8970.1
10°	11988.9	12338.6	12579.2	12634.0	12579.2	12338.6	11988.9	11481.5	10864.0	10168.5	9423.1
7.5°	12563.3	12946.9	13212.7	13259.0	13212.7	12946.9	12563.3	12022.3	11339.1	10589.7	9794.2
5°	12983.5	13439.0	13657.2	13712.0	13657.2	13439.0	12983.5	12392.9	11684.8	10896.9	10065.3
2.5°	13214.0	13677.8	13981.0	13946.0	13981.0	13677.8	13214.0	12624.5	11896.9	11079.6	10226.1
0°	13240.0	13725.0	14015.0	14149.0	14015.0	13725.0	13240.0	12674.0	11949.0	11143.0	10256.0
-2.5°	13214.0	13677.8	13981.0	13946.0	13981.0	13677.8	13214.0	12624.5	11896.9	11079.6	10226.1
-5°	12983.5	13439.0	13657.2	13712.0	13657.2	13439.0	12983.5	12392.9	11684.8	10896.9	10065.3
-7.5°	12563.3	12946.9	13212.7	13259.0	13212.7	12946.9	12563.3	12022.3	11339.1	10589.7	9794.2
-10°	11988.9	12338.6	12579.2	12634.0	12579.2	12338.6	11988.9	11481.5	10864.0	10168.5	9423.1
-12.5°	11301.8	11639.4	11857.2	11896.0	11857.2	11639.4	11301.8	10842.2	10302.3	9646.7	8970.1
-15°	10544.2	10869.9	11052.2	11119.0	11052.2	10869.9	10544.2	10120.0	9619.9	9052.0	8440.9
-17.5°	9744.3	10045.4	10199.6	10235.0	10199.6	10045.4	9744.3	9368.0	8920.1	8420.1	7877.2
-20°	8929.4	9171.5	9290.7	9352.0	9290.7	9171.5	8929.4	8595.5	8209.4	7770.0	7295.1



REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	8132.6	8335.1	8420.9	8468.0	8420.9	8335.1	8132.6	7838.7	7505.0	7124.4	6698.2
-25°	7356.0	7518.6	7592.7	7659.0	7592.7	7518.6	7356.0	7105.7	6809.3	6475.0	6093.9
-27.5°	6607.5	6738.8	6803.4	6846.0	6803.4	6738.8	6607.5	6393.2	6127.8	5836.5	5503.7
-30°	5888.1	5993.4	6045.1	6070.0	6045.1	5993.4	5888.1	5704.6	5472.4	5214.7	4924.7
-32.5°	5196.8	5288.6	5337.9	5389.0	5337.9	5288.6	5196.8	5043.2	4841.6	4610.1	4353.4
-35°	4534.9	4618.2	4663.6	4689.0	4663.6	4618.2	4534.9	4402.8	4227.5	4021.3	3787.3
-37.5°	3890.2	3969.8	4018.1	4051.0	4018.1	3969.8	3890.2	3772.6	3619.3	3436.6	3221.4
-40°	3258.2	3334.0	3383.7	3418.0	3383.7	3334.0	3258.2	3150.2	3013.4	2846.4	2664.4
-42.5°	2651.5	2714.5	2753.2	2768.0	2753.2	2714.5	2651.5	2563.1	2450.0	2310.0	2163.1
-45°	2128.7	2169.3	2196.9	2213.0	2196.9	2169.3	2128.7	2070.7	1992.1	1894.6	1783.9
-47.5°	1737.9	1764.5	1784.2	1798.0	1784.2	1764.5	1737.9	1698.6	1644.2	1576.4	1498.3
-50°	1437.9	1458.0	1470.8	1476.0	1470.8	1458.0	1437.9	1408.5	1369.5	1321.2	1265.3
-52.5°	1198.1	1212.1	1222.6	1229.0	1222.6	1212.1	1198.1	1177.6	1150.6	1115.9	1073.9
-55°	1013.9	1025.4	1030.6	1030.0	1030.6	1025.4	1013.9	997.4	975.9	948.8	918.1
-57.5°	857.0	865.7	870.3	871.0	870.3	865.7	857.0	845.0	829.8	811.3	789.2
-60°	729.5	734.8	738.2	739.0	738.2	734.8	729.5	721.4	710.6	696.1	678.7
-62.5°	617.7	622.8	625.3	625.0	625.3	622.8	617.7	610.1	600.2	588.7	576.5
-65°	500.1	501.0	503.1	504.0	503.1	501.0	500.1	497.3	492.8	487.6	480.8
-67.5°	412.1	411.8	412.8	413.0	412.8	411.8	412.1	411.1	408.8	404.6	398.3
-70°	335.2	334.4	331.5	327.0	331.5	334.4	335.2	335.5	335.9	335.1	330.8
-72.5°	248.6	237.2	225.6	213.0	225.6	237.2	248.6	259.6	270.5	278.0	275.6
-75°	180.0	161.3	154.9	149.0	154.9	161.3	180.0	198.1	215.5	228.8	227.2
-77.5°	132.0	114.2	109.0	104.0	109.0	114.2	132.0	149.1	165.3	178.5	177.9
-80°	90.0	77.0	74.4	72.0	74.4	77.0	90.0	102.5	114.6	125.3	126.6
-82.5°	56.5	46.9	45.4	44.0	45.4	46.9	56.5	65.7	74.4	82.2	81.6
-85°	26.2	21.9	21.5	21.0	21.5	21.9	26.2	30.3	34.2	37.7	36.9
-87.5°	4.5	4.0	3.5	3.0	3.5	4.0	4.5	4.9	5.4	5.8	6.0
-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):

	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°	6.1	6.2	6.3	6.7	6.9	7.2	7.4	7.1	6.9	6.6	6.4
85°	36.0	34.9	33.8	33.8	33.6	33.2	32.5	29.2	25.9	22.9	20.3
82.5°	80.6	79.2	77.3	74.7	72.0	69.2	66.1	59.1	52.3	45.9	40.5
80°	127.3	127.3	126.1	121.2	116.0	110.6	104.1	93.0	82.2	72.2	65.2
77.5°	177.0	175.8	173.4	166.8	160.1	153.3	144.8	130.4	116.0	102.2	93.2
75°	225.1	222.6	218.2	210.1	201.3	191.8	181.7	169.2	154.9	138.8	127.0
72.5°	272.6	268.8	263.1	254.5	244.8	234.5	223.7	211.6	197.6	181.7	169.8
70°	325.6	319.5	311.9	302.1	292.0	281.1	270.0	257.5	243.0	227.1	214.6
67.5°	390.4	380.9	370.0	358.5	347.4	334.5	321.4	307.1	292.4	275.8	259.9
65°	471.0	458.3	443.8	431.3	416.4	398.8	379.0	361.7	344.7	325.9	305.2
62.5°	563.9	551.5	531.5	511.0	491.1	470.9	446.9	422.8	399.5	376.0	351.7
60°	658.9	636.5	614.8	591.3	565.9	538.6	512.3	484.7	455.9	427.6	398.6
57.5°	763.7	736.0	707.7	677.3	645.0	614.0	582.0	547.7	515.0	480.7	446.1
55°	883.9	850.5	814.3	774.6	733.7	696.8	657.7	618.3	578.6	535.4	497.2
52.5°	1026.5	984.9	938.5	887.0	838.9	790.1	739.2	694.6	646.0	598.1	550.4
50°	1208.2	1149.3	1085.3	1020.4	960.8	896.4	836.6	777.9	719.1	663.6	608.1
47.5°	1425.9	1347.9	1260.5	1179.9	1100.9	1021.0	947.4	869.8	802.3	732.5	670.9
45°	1690.5	1586.6	1474.3	1372.0	1260.9	1164.5	1070.7	981.4	892.8	813.9	735.2
42.5°	2028.8	1877.4	1734.8	1599.1	1459.2	1332.4	1207.4	1101.6	997.6	899.9	811.2
40°	2463.9	2243.4	2060.3	1865.4	1696.1	1526.3	1376.8	1230.2	1112.0	996.3	888.2
37.5°	2977.6	2719.4	2458.1	2191.4	1970.8	1757.5	1565.1	1392.5	1231.7	1100.2	975.4
35°	3520.8	3229.2	2916.2	2603.8	2281.7	2023.4	1778.9	1566.2	1378.6	1209.0	1065.1
32.5°	4062.9	3742.7	3398.0	3041.7	2679.9	2318.2	2024.8	1761.4	1526.6	1333.5	1163.2
30°	4604.6	4253.2	3875.7	3486.5	3089.6	2683.7	2283.3	1975.6	1700.0	1457.7	1261.9
27.5°	5148.2	4767.4	4354.2	3926.0	3498.1	3055.5	2611.8	2196.6	1874.7	1600.9	1370.2
25°	5692.3	5266.5	4822.9	4356.8	3890.3	3419.7	2929.5	2466.7	2070.7	1744.2	1470.0
22.5°	6238.1	5760.0	5265.4	4764.7	4263.1	3760.3	3247.2	2731.2	2256.3	1889.9	1586.9
20°	6777.3	6240.3	5699.0	5156.3	4615.5	4077.9	3541.5	2990.6	2474.5	2040.8	1695.9
17.5°	7296.7	6700.2	6112.5	5524.2	4945.8	4375.7	3805.3	3230.0	2669.4	2175.1	1792.2
15°	7791.4	7140.5	6502.3	5870.5	5246.3	4634.1	4038.9	3440.2	2846.6	2315.1	1897.8
12.5°	8258.2	7547.9	6852.5	6166.8	5503.6	4862.0	4243.2	3624.7	3013.5	2451.6	1991.9
10°	8656.8	7894.7	7146.4	6423.3	5726.4	5055.8	4411.7	3780.8	3156.6	2565.1	2068.8
7.5°	8981.0	8173.7	7384.6	6625.9	5901.1	5210.0	4541.8	3900.6	3269.9	2653.9	2128.2
5°	9217.9	8378.8	7561.0	6776.0	6022.1	5322.3	4633.7	3982.5	3352.0	2717.0	2169.8
2.5°	9364.8	8502.9	7666.0	6867.3	6092.6	5389.8	4687.0	4032.0	3398.9	2751.7	2195.9
0°	9392.0	8561.0	7699.0	6877.0	6133.0	5410.0	4701.0	4050.0	3411.0	2759.0	2204.0
-2.5°	9364.8	8502.9	7666.0	6867.3	6092.6	5389.8	4687.0	4032.0	3398.9	2751.7	2195.9
-5°	9217.9	8378.8	7561.0	6776.0	6022.1	5322.3	4633.7	3982.5	3352.0	2717.0	2169.8
-7.5°	8981.0	8173.7	7384.6	6625.9	5901.1	5210.0	4541.8	3900.6	3269.9	2653.9	2128.2
-10°	8656.8	7894.7	7146.4	6423.3	5726.4	5055.8	4411.7	3780.8	3156.6	2565.1	2068.8
-12.5°	8258.2	7547.9	6852.5	6166.8	5503.6	4862.0	4243.2	3624.7	3013.5	2451.6	1991.9
-15°	7791.4	7140.5	6502.3	5870.5	5246.3	4634.1	4038.9	3440.2	2846.6	2315.1	1897.8
-17.5°	7296.7	6700.2	6112.5	5524.2	4945.8	4375.7	3805.3	3230.0	2669.4	2175.1	1792.2
-20°	6777.3	6240.3	5699.0	5156.3	4615.5	4077.9	3541.5	2990.6	2474.5	2040.8	1695.9



REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6238.1	5760.0	5265.4	4764.7	4263.1	3760.3	3247.2	2731.2	2256.3	1889.9	1586.9
-25°	5692.3	5266.5	4822.9	4356.8	3890.3	3419.7	2929.5	2466.7	2070.7	1744.2	1470.0
-27.5°	5148.2	4767.4	4354.2	3926.0	3498.1	3055.5	2611.8	2196.6	1874.7	1600.9	1370.2
-30°	4604.6	4253.2	3875.7	3486.5	3089.6	2683.7	2283.3	1975.6	1700.0	1457.7	1261.9
-32.5°	4062.9	3742.7	3398.0	3041.7	2679.9	2318.2	2024.8	1761.4	1526.6	1333.5	1163.2
-35°	3520.8	3229.2	2916.2	2603.8	2281.7	2023.4	1778.9	1566.2	1378.6	1209.0	1065.1
-37.5°	2977.6	2719.4	2458.1	2191.4	1970.8	1757.5	1565.1	1392.5	1231.7	1100.2	975.4
-40°	2463.9	2243.4	2060.3	1865.4	1696.1	1526.3	1376.8	1230.2	1112.0	996.3	888.2
-42.5°	2028.8	1877.4	1734.8	1599.1	1459.2	1332.4	1207.4	1101.6	997.6	899.9	811.2
-45°	1690.5	1586.6	1474.3	1372.0	1260.9	1164.5	1070.7	981.4	892.8	813.9	735.2
-47.5°	1425.9	1347.9	1260.5	1179.9	1100.9	1021.0	947.4	869.8	802.3	732.5	670.9
-50°	1208.2	1149.3	1085.3	1020.4	960.8	896.4	836.6	777.9	719.1	663.6	608.1
-52.5°	1026.5	984.9	938.5	887.0	838.9	790.1	739.2	694.6	646.0	598.1	550.4
-55°	883.9	850.5	814.3	774.6	733.7	696.8	657.7	618.3	578.6	535.4	497.2
-57.5°	763.7	736.0	707.7	677.3	645.0	614.0	582.0	547.7	515.0	480.7	446.1
-60°	658.9	636.5	614.8	591.3	565.9	538.6	512.3	484.7	455.9	427.6	398.6
-62.5°	563.9	551.5	531.5	511.0	491.1	470.9	446.9	422.8	399.5	376.0	351.7
-65°	471.0	458.3	443.8	431.3	416.4	398.8	379.0	361.7	344.7	325.9	305.2
-67.5°	390.4	380.9	370.0	358.5	347.4	334.5	321.4	307.1	292.4	275.8	259.9
-70°	325.6	319.5	311.9	302.1	292.0	281.1	270.0	257.5	243.0	227.1	214.6
-72.5°	272.6	268.8	263.1	254.5	244.8	234.5	223.7	211.6	197.6	181.7	169.8
-75°	225.1	222.6	218.2	210.1	201.3	191.8	181.7	169.2	154.9	138.8	127.0
-77.5°	177.0	175.8	173.4	166.8	160.1	153.3	144.8	130.4	116.0	102.2	93.2
-80°	127.3	127.3	126.1	121.2	116.0	110.6	104.1	93.0	82.2	72.2	65.2
-82.5°	80.6	79.2	77.3	74.7	72.0	69.2	66.1	59.1	52.3	45.9	40.5
-85°	36.0	34.9	33.8	33.8	33.6	33.2	32.5	29.2	25.9	22.9	20.3
-87.5°	6.1	6.2	6.3	6.7	6.9	7.2	7.4	7.1	6.9	6.6	6.4
-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: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	7.1	7.7	8.2	8.6	8.9	9.0	9.0	8.9	8.5	8.0	7.4
85°	21.2	21.6	21.6	20.9	19.5	18.0	18.0	17.8	17.0	16.1	14.9
82.5°	42.1	43.4	44.1	43.9	41.1	38.3	35.2	32.0	28.5	24.6	22.3
80°	67.7	69.1	69.6	68.5	63.7	58.5	54.0	49.3	44.8	39.6	33.9
77.5°	95.2	96.3	96.6	94.8	88.7	82.0	74.9	67.4	61.0	54.6	47.5
75°	124.8	125.2	125.0	121.7	114.2	105.6	97.0	87.6	78.3	69.6	61.0
72.5°	163.3	158.1	154.1	149.0	140.7	131.0	120.0	107.6	95.8	84.7	74.3
70°	203.6	192.5	183.9	175.9	166.7	156.5	144.3	128.7	112.9	99.5	86.9
67.5°	245.6	231.8	218.0	203.5	192.2	180.7	168.3	149.6	130.6	113.9	99.2
65°	286.5	269.5	253.8	235.1	218.6	204.6	190.6	169.4	147.7	128.3	111.2
62.5°	327.7	305.0	285.3	265.0	245.1	227.7	211.9	187.8	164.1	142.0	122.6
60°	370.1	343.4	316.6	293.1	270.7	249.6	229.9	205.6	180.0	155.1	133.4
57.5°	414.0	381.9	351.3	322.1	295.9	271.6	247.3	222.1	195.3	168.3	143.2
55°	458.3	422.0	386.1	352.6	321.6	293.9	265.3	237.8	210.0	181.3	150.9
52.5°	505.8	463.3	422.8	383.6	348.2	315.7	284.5	253.2	223.9	193.7	159.4
50°	556.1	507.1	460.8	417.0	374.6	338.4	303.2	270.0	237.6	205.7	167.3
47.5°	609.0	553.5	500.8	450.6	404.6	360.4	322.8	286.6	250.9	217.5	174.5
45°	667.3	601.2	541.9	486.8	433.3	385.3	342.2	302.6	265.2	226.0	181.0
42.5°	725.8	652.7	584.6	521.8	464.7	410.5	360.7	319.2	279.1	233.8	187.4
40°	793.3	705.4	627.4	559.5	495.6	434.6	382.1	335.2	291.9	241.5	193.6
37.5°	859.1	762.0	674.3	595.4	526.1	461.7	402.7	350.4	302.1	249.9	199.1
35°	936.7	820.5	718.8	633.4	557.5	487.6	422.2	366.0	313.2	258.0	204.1
32.5°	1012.0	880.1	769.0	672.3	587.1	512.1	442.8	381.9	324.6	265.7	208.5
30°	1094.8	944.9	816.3	708.8	616.6	537.2	463.5	396.9	336.0	273.0	212.7
27.5°	1174.3	1004.6	862.4	747.3	647.7	560.8	482.7	410.9	347.5	280.5	218.0
25°	1253.1	1069.1	913.1	784.1	676.3	582.2	500.4	424.1	358.8	289.0	222.7
22.5°	1338.6	1131.5	958.8	817.2	702.1	601.7	517.2	438.4	369.1	297.1	226.9
20°	1417.2	1187.9	999.6	848.8	727.8	622.9	532.9	451.3	378.4	304.7	230.4
17.5°	1491.4	1245.2	1045.2	883.0	752.0	641.5	546.8	462.6	386.6	311.7	233.2
15°	1569.2	1302.1	1086.2	912.6	773.1	657.5	558.7	472.3	393.7	318.0	235.9
12.5°	1635.7	1350.2	1120.6	937.6	790.7	671.0	568.6	480.4	399.5	323.4	238.3
10°	1690.5	1389.3	1148.4	957.7	804.9	681.7	576.5	486.9	404.5	327.5	239.6
7.5°	1733.1	1419.2	1169.4	972.9	815.8	690.2	583.1	492.0	408.3	330.4	239.9
5°	1762.9	1440.0	1184.8	983.6	824.1	696.2	587.8	495.4	410.8	332.0	239.2
2.5°	1778.6	1451.8	1194.3	989.3	828.8	699.5	590.5	497.1	412.1	332.3	237.6
0°	1781.0	1454.0	1197.0	990.0	830.0	700.0	591.0	497.0	412.0	331.0	235.0
-2.5°	1778.6	1451.8	1194.3	989.3	828.8	699.5	590.5	497.1	412.1	332.3	237.6
-5°	1762.9	1440.0	1184.8	983.6	824.1	696.2	587.8	495.4	410.8	332.0	239.2
-7.5°	1733.1	1419.2	1169.4	972.9	815.8	690.2	583.1	492.0	408.3	330.4	239.9
-10°	1690.5	1389.3	1148.4	957.7	804.9	681.7	576.5	486.9	404.5	327.5	239.6
-12.5°	1635.7	1350.2	1120.6	937.6	790.7	671.0	568.6	480.4	399.5	323.4	238.3
-15°	1569.2	1302.1	1086.2	912.6	773.1	657.5	558.7	472.3	393.7	318.0	235.9
-17.5°	1491.4	1245.2	1045.2	883.0	752.0	641.5	546.8	462.6	386.6	311.7	233.2
-20°	1417.2	1187.9	999.6	848.8	727.8	622.9	532.9	451.3	378.4	304.7	230.4

Classified

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



REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	1338.6	1131.5	958.8	817.2	702.1	601.7	517.2	438.4	369.1	297.1	226.9
-25°	1253.1	1069.1	913.1	784.1	676.3	582.2	500.4	424.1	358.8	289.0	222.7
-27.5°	1174.3	1004.6	862.4	747.3	647.7	560.8	482.7	410.9	347.5	280.5	218.0
-30°	1094.8	944.9	816.3	708.8	616.6	537.2	463.5	396.9	336.0	273.0	212.7
-32.5°	1012.0	880.1	769.0	672.3	587.1	512.1	442.8	381.9	324.6	265.7	208.5
-35°	936.7	820.5	718.8	633.4	557.5	487.6	422.2	366.0	313.2	258.0	204.1
-37.5°	859.1	762.0	674.3	595.4	526.1	461.7	402.7	350.4	302.1	249.9	199.1
-40°	793.3	705.4	627.4	559.5	495.6	434.6	382.1	335.2	291.9	241.5	193.6
-42.5°	725.8	652.7	584.6	521.8	464.7	410.5	360.7	319.2	279.1	233.8	187.4
-45°	667.3	601.2	541.9	486.8	433.3	385.3	342.2	302.6	265.2	226.0	181.0
-47.5°	609.0	553.5	500.8	450.6	404.6	360.4	322.8	286.6	250.9	217.5	174.5
-50°	556.1	507.1	460.8	417.0	374.6	338.4	303.2	270.0	237.6	205.7	167.3
-52.5°	505.8	463.3	422.8	383.6	348.2	315.7	284.5	253.2	223.9	193.7	159.4
-55°	458.3	422.0	386.1	352.6	321.6	293.9	265.3	237.8	210.0	181.3	150.9
-57.5°	414.0	381.9	351.3	322.1	295.9	271.6	247.3	222.1	195.3	168.3	143.2
-60°	370.1	343.4	316.6	293.1	270.7	249.6	229.9	205.6	180.0	155.1	133.4
-62.5°	327.7	305.0	285.3	265.0	245.1	227.7	211.9	187.8	164.1	142.0	122.6
-65°	286.5	269.5	253.8	235.1	218.6	204.6	190.6	169.4	147.7	128.3	111.2
-67.5°	245.6	231.8	218.0	203.5	192.2	180.7	168.3	149.6	130.6	113.9	99.2
-70°	203.6	192.5	183.9	175.9	166.7	156.5	144.3	128.7	112.9	99.5	86.9
-72.5°	163.3	158.1	154.1	149.0	140.7	131.0	120.0	107.6	95.8	84.7	74.3
-75°	124.8	125.2	125.0	121.7	114.2	105.6	97.0	87.6	78.3	69.6	61.0
-77.5°	95.2	96.3	96.6	94.8	88.7	82.0	74.9	67.4	61.0	54.6	47.5
-80°	67.7	69.1	69.6	68.5	63.7	58.5	54.0	49.3	44.8	39.6	33.9
-82.5°	42.1	43.4	44.1	43.9	41.1	38.3	35.2	32.0	28.5	24.6	22.3
-85°	21.2	21.6	21.6	20.9	19.5	18.0	18.0	17.8	17.0	16.1	14.9
-87.5°	7.1	7.7	8.2	8.6	8.9	9.0	9.0	8.9	8.5	8.0	7.4
-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: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	6.7	5.2	3.9	2.7	1.7	0.7	0.0
85°	13.4	10.5	7.8	5.4	3.3	1.4	0.0
82.5°	20.1	15.7	11.7	8.1	4.9	2.2	0.0
80°	27.3	20.8	15.5	10.7	6.6	2.9	0.0
77.5°	38.9	27.0	19.2	13.4	8.2	3.6	0.0
75°	50.2	35.3	23.3	15.9	9.7	4.2	0.0
72.5°	61.2	43.4	28.9	18.5	11.3	4.9	0.0
70°	71.6	51.1	34.2	21.1	12.8	5.6	0.0
67.5°	80.6	58.5	39.4	24.4	14.2	6.2	0.0
65°	89.2	65.3	44.3	27.5	15.6	6.9	0.0
62.5°	97.3	71.5	48.9	30.5	17.0	7.5	0.0
60°	104.9	77.4	53.2	33.3	18.3	8.1	0.0
57.5°	111.8	82.8	57.2	35.9	19.9	8.7	0.0
55°	118.1	87.8	60.9	38.3	21.4	9.2	0.0
52.5°	123.9	92.4	64.3	40.5	22.9	9.7	0.0
50°	129.1	96.6	67.4	42.5	24.3	10.2	0.0
47.5°	134.0	100.4	70.2	44.3	25.7	10.7	0.0
45°	139.5	103.7	72.7	46.1	26.9	11.1	0.0
42.5°	144.4	106.7	74.8	47.7	28.1	11.6	0.0
40°	148.7	109.1	76.7	49.5	29.2	12.0	0.0
37.5°	152.4	111.1	78.4	51.3	30.3	12.3	0.0
35°	155.4	113.4	79.7	52.9	31.3	12.6	0.0
32.5°	158.2	115.6	80.8	54.4	32.2	12.9	0.0
30°	161.3	117.2	81.5	55.7	33.0	13.2	0.0
27.5°	163.9	118.4	83.3	56.9	33.7	13.4	0.0
25°	165.8	119.1	84.9	58.0	34.3	13.6	0.0
22.5°	167.2	120.1	86.4	58.8	34.9	13.8	0.0
20°	168.1	122.3	87.7	59.6	35.4	14.0	0.0
17.5°	169.9	124.1	88.8	60.2	35.7	14.1	0.0
15°	172.2	125.5	89.6	60.6	36.0	14.1	0.0
12.5°	173.8	126.5	90.2	60.8	36.2	14.2	0.0
10°	174.9	127.1	90.6	61.0	36.4	14.2	0.0
7.5°	175.3	127.4	90.8	60.9	36.4	14.2	0.0
5°	175.1	127.3	90.8	60.8	36.4	14.2	0.0
2.5°	174.3	126.8	90.5	60.5	36.2	14.1	0.0
0°	173.0	126.0	90.0	60.0	36.0	14.0	0.0
-2.5°	174.3	126.8	90.5	60.5	36.2	14.1	0.0
-5°	175.1	127.3	90.8	60.8	36.4	14.2	0.0
-7.5°	175.3	127.4	90.8	60.9	36.4	14.2	0.0
-10°	174.9	127.1	90.6	61.0	36.4	14.2	0.0
-12.5°	173.8	126.5	90.2	60.8	36.2	14.2	0.0
-15°	172.2	125.5	89.6	60.6	36.0	14.1	0.0
-17.5°	169.9	124.1	88.8	60.2	35.7	14.1	0.0
-20°	168.1	122.3	87.7	59.6	35.4	14.0	0.0

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REPORT NUMBER: P627113 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	167.2	120.1	86.4	58.8	34.9	13.8	0.0
-25°	165.8	119.1	84.9	58.0	34.3	13.6	0.0
-27.5°	163.9	118.4	83.3	56.9	33.7	13.4	0.0
-30°	161.3	117.2	81.5	55.7	33.0	13.2	0.0
-32.5°	158.2	115.6	80.8	54.4	32.2	12.9	0.0
-35°	155.4	113.4	79.7	52.9	31.3	12.6	0.0
-37.5°	152.4	111.1	78.4	51.3	30.3	12.3	0.0
-40°	148.7	109.1	76.7	49.5	29.2	12.0	0.0
-42.5°	144.4	106.7	74.8	47.7	28.1	11.6	0.0
-45°	139.5	103.7	72.7	46.1	26.9	11.1	0.0
-47.5°	134.0	100.4	70.2	44.3	25.7	10.7	0.0
-50°	129.1	96.6	67.4	42.5	24.3	10.2	0.0
-52.5°	123.9	92.4	64.3	40.5	22.9	9.7	0.0
-55°	118.1	87.8	60.9	38.3	21.4	9.2	0.0
-57.5°	111.8	82.8	57.2	35.9	19.9	8.7	0.0
-60°	104.9	77.4	53.2	33.3	18.3	8.1	0.0
-62.5°	97.3	71.5	48.9	30.5	17.0	7.5	0.0
-65°	89.2	65.3	44.3	27.5	15.6	6.9	0.0
-67.5°	80.6	58.5	39.4	24.4	14.2	6.2	0.0
-70°	71.6	51.1	34.2	21.1	12.8	5.6	0.0
-72.5°	61.2	43.4	28.9	18.5	11.3	4.9	0.0
-75°	50.2	35.3	23.3	15.9	9.7	4.2	0.0
-77.5°	38.9	27.0	19.2	13.4	8.2	3.6	0.0
-80°	27.3	20.8	15.5	10.7	6.6	2.9	0.0
-82.5°	20.1	15.7	11.7	8.1	4.9	2.2	0.0
-85°	13.4	10.5	7.8	5.4	3.3	1.4	0.0
-87.5°	6.7	5.2	3.9	2.7	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)