

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: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-722-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N108
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

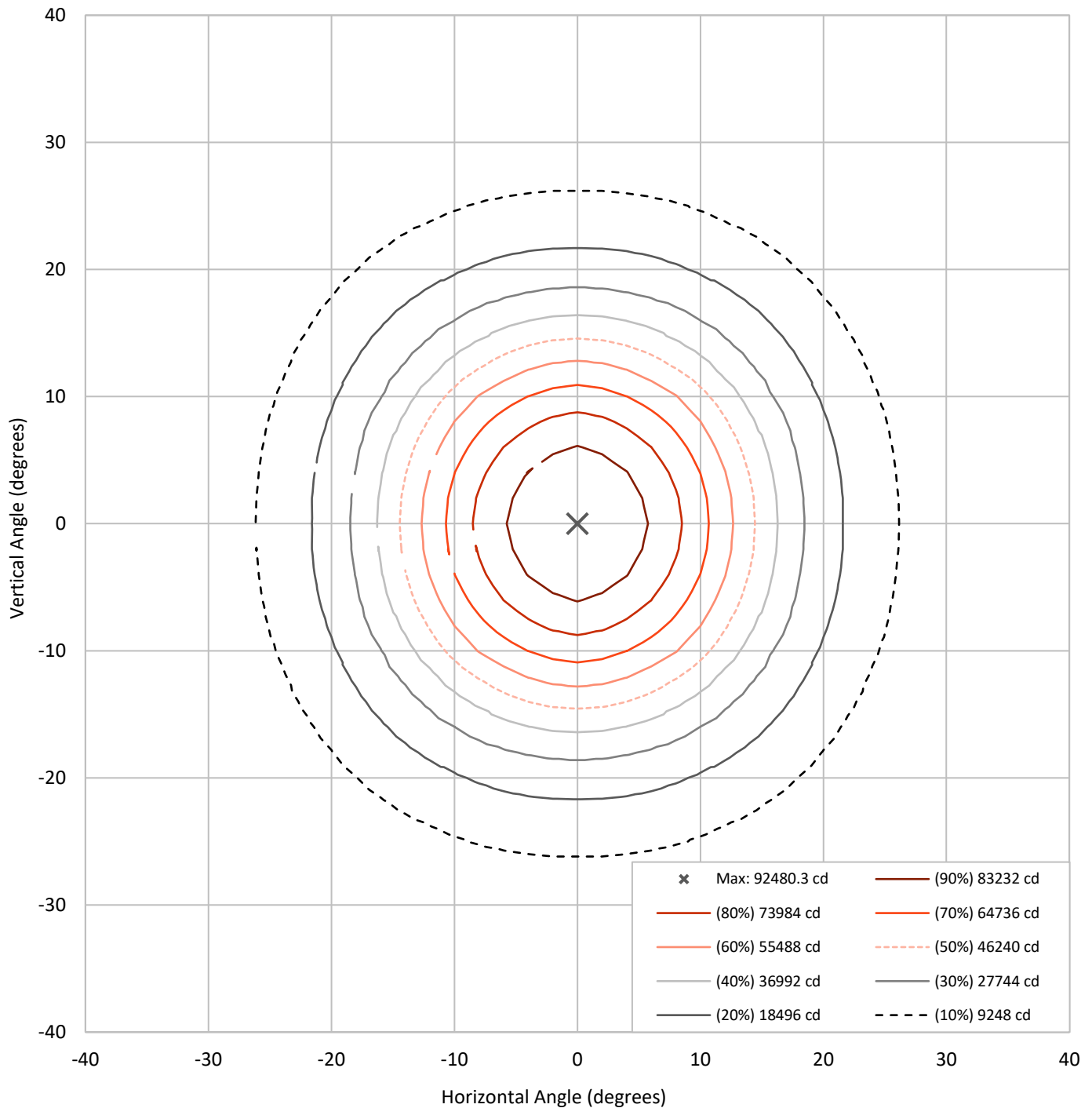
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	28894 lumens	Max Intensity:	92480.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	14047.9 lumens	Field Lumens:	23707.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





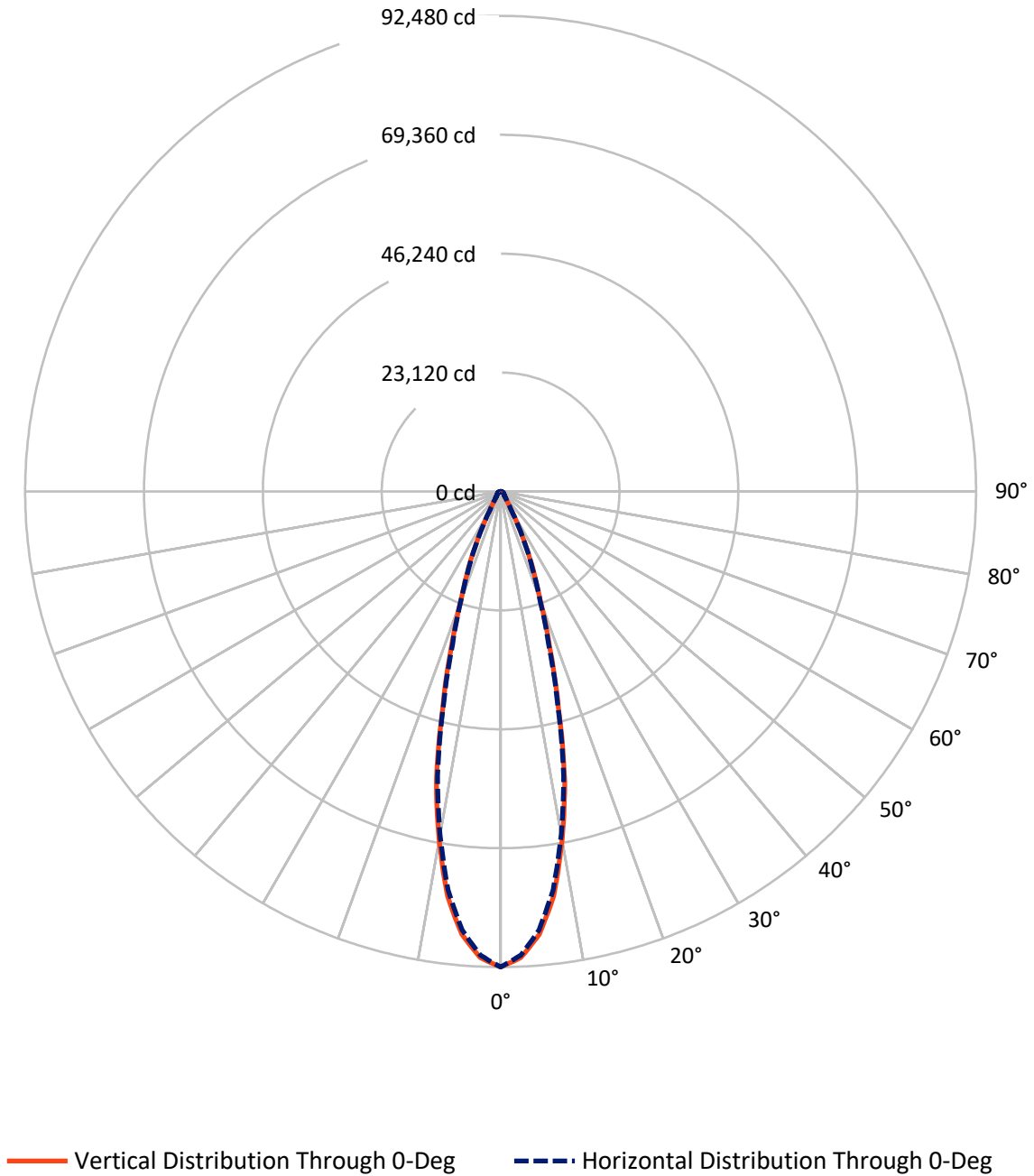
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Lumen Table

90																			
80	0.5	4.8		12.6		19.8		22.0		19.8		12.6		4.8		0.5			
70																			
60	2.2	2.5	5.0	8.2	11.4	14.0	15.6	16.4	16.4	15.6	14.0	11.4	8.2	5.0	2.5	2.2			
50		3.7	7.5	12.0	16.2	19.9	22.3	23.1	23.1	22.3	19.9	16.2	12.0	7.5	3.7				
40	3.8	4.7	9.6	14.9	19.8	25.0	29.4	31.6	31.6	29.4	25.0	19.8	14.9	9.6	4.7	3.8			
30		5.6	11.2	17.2	24.3	34.6	50.1	65.1	65.1	50.1	34.6	24.3	17.2	11.2	5.6				
20	4.9	6.2	12.3	19.3	31.1	67.6	190.2	337.3	337.3	190.2	67.6	31.1	19.3	12.3	6.2	4.9			
10		6.7	12.9	21.0	42.3	177.3	632.1	1211.1	1211.1	632.1	177.3	42.3	21.0	12.9	6.7				
0	5.2	7.0	13.1	22.1	53.8	306.1	1169.9	2301.1	2301.1	1169.9	306.1	53.8	22.1	13.1	7.0	5.2			
-10		7.0	13.1	22.1	53.8	306.1	1169.9	2301.1	2301.1	1169.9	306.1	53.8	22.1	13.1	7.0				
-20	4.9	6.7	12.9	21.0	42.3	177.3	632.1	1211.1	1211.1	632.1	177.3	42.3	21.0	12.9	6.7	4.9			
-30		6.2	12.3	19.3	31.1	67.6	190.2	337.3	337.3	190.2	67.6	31.1	19.3	12.3	6.2				
-40	3.8	5.6	11.2	17.2	24.3	34.6	50.1	65.1	65.1	50.1	34.6	24.3	17.2	11.2	5.6	3.8			
-50		4.7	9.6	14.9	19.8	25.0	29.4	31.6	31.6	29.4	25.0	19.8	14.9	9.6	4.7				
-60	2.2	3.7	7.5	12.0	16.2	19.9	22.3	23.1	23.1	22.3	19.9	16.2	12.0	7.5	3.7	2.2			
-70		2.5	5.0	8.2	11.4	14.0	15.6	16.4	16.4	15.6	14.0	11.4	8.2	5.0	2.5				
-80																			
-90	0.5	4.8		12.6		19.8		22.0		19.8		12.6		4.8		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

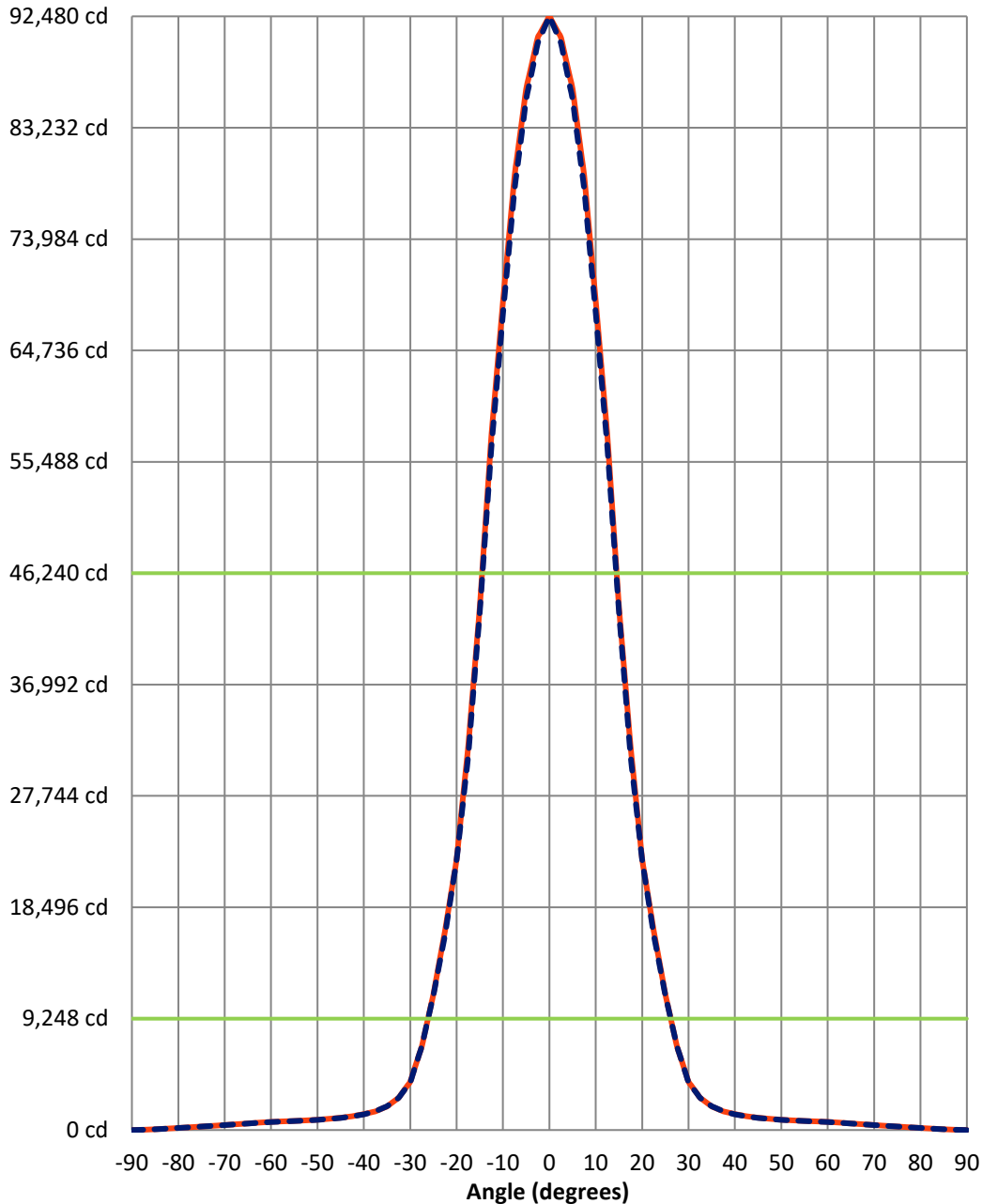
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 14047.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 23707.1
 Efficiency: 82.0%

Spill:
 Lumens: 5186.9
 Efficiency: 18.0%

- 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	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
85°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
82.5°	0.0	3.1	6.2	9.3	12.3	15.3	18.4	21.3	24.7	30.4	36.3
80°	0.0	4.1	8.2	12.3	16.4	20.4	25.0	32.2	39.8	47.7	56.0
77.5°	0.0	5.1	10.2	15.3	20.4	26.8	35.5	44.8	54.6	64.9	76.2
75°	0.0	6.1	12.3	18.4	25.0	35.5	46.0	57.3	69.6	83.9	98.1
72.5°	0.0	7.1	14.2	21.3	31.9	44.2	56.4	70.3	87.1	103.6	119.8
70°	0.0	8.1	16.2	24.7	38.8	52.7	67.0	85.5	104.3	123.0	143.1
67.5°	0.0	9.1	18.1	29.7	45.5	61.2	79.9	100.4	121.3	144.1	166.6
65°	0.0	10.0	20.0	34.7	52.1	70.6	92.6	115.0	139.9	164.9	190.2
62.5°	0.0	10.9	21.9	39.6	58.6	81.0	105.1	130.5	158.1	185.6	214.5
60°	0.0	11.8	23.7	44.4	65.0	91.2	117.3	146.1	175.9	206.5	238.1
57.5°	0.0	12.7	26.8	49.0	72.9	101.1	130.2	161.4	193.6	226.8	261.4
55°	0.0	13.6	29.8	53.5	80.6	110.8	142.7	176.2	210.7	246.5	284.4
52.5°	0.0	14.4	32.7	57.9	88.1	120.3	154.8	190.5	227.1	266.6	306.6
50°	0.0	15.2	35.5	62.2	95.4	129.9	166.4	204.4	243.3	285.9	327.2
47.5°	0.0	16.0	38.3	66.6	102.4	139.1	177.5	217.8	259.9	304.6	346.7
45°	0.0	16.8	40.9	71.6	109.2	147.8	188.5	230.7	275.9	321.1	365.1
42.5°	0.0	17.5	43.4	76.5	115.6	156.1	199.0	243.5	291.1	336.6	382.1
40°	0.0	18.2	45.8	81.0	121.8	163.9	209.1	256.0	305.0	351.2	398.1
37.5°	0.0	18.8	48.1	85.3	127.8	171.3	218.6	267.7	317.4	365.2	413.3
35°	0.0	19.4	50.2	89.2	133.3	178.6	227.5	278.6	329.1	378.4	427.5
32.5°	0.0	20.0	52.2	92.9	138.5	185.5	236.0	288.7	340.0	390.8	441.3
30°	0.0	20.5	54.1	96.3	143.3	192.0	244.1	297.8	350.1	402.2	454.1
27.5°	0.0	21.0	55.9	99.3	147.6	198.0	251.4	305.9	359.4	412.8	466.0
25°	0.0	21.5	57.5	102.1	151.6	203.5	258.1	313.3	367.9	422.4	476.8
22.5°	0.0	21.9	59.0	104.5	155.3	208.5	264.0	319.9	375.6	431.1	487.6
20°	0.0	22.3	60.3	106.7	158.7	212.8	269.2	325.8	382.3	438.8	497.3
17.5°	0.0	22.6	61.4	108.5	161.8	216.5	273.9	330.9	388.2	445.5	505.7
15°	0.0	22.9	62.5	110.0	164.4	219.6	278.2	335.6	393.2	451.2	512.8
12.5°	0.0	23.1	63.3	111.2	166.8	222.0	282.0	340.1	397.9	455.8	518.7
10°	0.0	23.3	64.0	112.1	168.7	223.9	285.1	343.7	402.1	461.3	524.2
7.5°	0.0	23.5	64.6	112.7	170.2	225.2	287.6	346.5	405.4	466.2	530.1
5°	0.0	23.6	65.0	113.0	171.3	225.8	289.4	348.6	407.7	470.2	534.8
2.5°	0.0	23.7	65.2	113.1	172.0	226.0	290.5	349.8	409.1	473.1	538.2
0°	0.0	23.7	65.3	112.8	172.2	225.6	290.9	350.2	409.6	474.9	540.2
-2.5°	0.0	23.7	65.2	113.1	172.0	226.0	290.5	349.8	409.1	473.1	538.2
-5°	0.0	23.6	65.0	113.0	171.3	225.8	289.4	348.6	407.7	470.2	534.8
-7.5°	0.0	23.5	64.6	112.7	170.2	225.2	287.6	346.5	405.4	466.2	530.1
-10°	0.0	23.3	64.0	112.1	168.7	223.9	285.1	343.7	402.1	461.3	524.2
-12.5°	0.0	23.1	63.3	111.2	166.8	222.0	282.0	340.1	397.9	455.8	518.7
-15°	0.0	22.9	62.5	110.0	164.4	219.6	278.2	335.6	393.2	451.2	512.8
-17.5°	0.0	22.6	61.4	108.5	161.8	216.5	273.9	330.9	388.2	445.5	505.7
-20°	0.0	22.3	60.3	106.7	158.7	212.8	269.2	325.8	382.3	438.8	497.3

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CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.9	59.0	104.5	155.3	208.5	264.0	319.9	375.6	431.1	487.6
-25°	0.0	21.5	57.5	102.1	151.6	203.5	258.1	313.3	367.9	422.4	476.8
-27.5°	0.0	21.0	55.9	99.3	147.6	198.0	251.4	305.9	359.4	412.8	466.0
-30°	0.0	20.5	54.1	96.3	143.3	192.0	244.1	297.8	350.1	402.2	454.1
-32.5°	0.0	20.0	52.2	92.9	138.5	185.5	236.0	288.7	340.0	390.8	441.3
-35°	0.0	19.4	50.2	89.2	133.3	178.6	227.5	278.6	329.1	378.4	427.5
-37.5°	0.0	18.8	48.1	85.3	127.8	171.3	218.6	267.7	317.4	365.2	413.3
-40°	0.0	18.2	45.8	81.0	121.8	163.9	209.1	256.0	305.0	351.2	398.1
-42.5°	0.0	17.5	43.4	76.5	115.6	156.1	199.0	243.5	291.1	336.6	382.1
-45°	0.0	16.8	40.9	71.6	109.2	147.8	188.5	230.7	275.9	321.1	365.1
-47.5°	0.0	16.0	38.3	66.6	102.4	139.1	177.5	217.8	259.9	304.6	346.7
-50°	0.0	15.2	35.5	62.2	95.4	129.9	166.4	204.4	243.3	285.9	327.2
-52.5°	0.0	14.4	32.7	57.9	88.1	120.3	154.8	190.5	227.1	266.6	306.6
-55°	0.0	13.6	29.8	53.5	80.6	110.8	142.7	176.2	210.7	246.5	284.4
-57.5°	0.0	12.7	26.8	49.0	72.9	101.1	130.2	161.4	193.6	226.8	261.4
-60°	0.0	11.8	23.7	44.4	65.0	91.2	117.3	146.1	175.9	206.5	238.1
-62.5°	0.0	10.9	21.9	39.6	58.6	81.0	105.1	130.5	158.1	185.6	214.5
-65°	0.0	10.0	20.0	34.7	52.1	70.6	92.6	115.0	139.9	164.9	190.2
-67.5°	0.0	9.1	18.1	29.7	45.5	61.2	79.9	100.4	121.3	144.1	166.6
-70°	0.0	8.1	16.2	24.7	38.8	52.7	67.0	85.5	104.3	123.0	143.1
-72.5°	0.0	7.1	14.2	21.3	31.9	44.2	56.4	70.3	87.1	103.6	119.8
-75°	0.0	6.1	12.3	18.4	25.0	35.5	46.0	57.3	69.6	83.9	98.1
-77.5°	0.0	5.1	10.2	15.3	20.4	26.8	35.5	44.8	54.6	64.9	76.2
-80°	0.0	4.1	8.2	12.3	16.4	20.4	25.0	32.2	39.8	47.7	56.0
-82.5°	0.0	3.1	6.2	9.3	12.3	15.3	18.4	21.3	24.7	30.4	36.3
-85°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
-87.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
-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):

	-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°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
85°	21.9	23.7	27.2	30.6	34.0	37.2	40.3	43.3	46.2	48.9	51.5
82.5°	41.9	47.3	52.6	57.8	62.8	67.6	72.3	76.8	81.1	85.2	89.1
80°	63.6	70.8	78.2	84.9	91.5	98.0	104.2	110.2	116.0	122.1	128.6
77.5°	86.6	95.9	104.3	112.0	120.4	130.5	140.3	149.7	158.7	167.3	175.4
75°	110.3	120.9	132.5	143.9	155.9	168.0	179.8	191.2	202.2	213.5	224.9
72.5°	135.3	149.6	163.6	177.2	192.3	207.0	220.5	232.8	246.8	262.2	276.3
70°	161.7	178.3	195.9	213.4	230.4	246.8	263.6	280.5	297.5	314.1	329.9
67.5°	188.2	209.1	229.5	249.3	268.7	288.3	308.2	328.6	348.2	367.0	385.3
65°	216.6	239.9	262.7	284.9	306.4	330.4	354.0	376.7	401.6	424.6	444.7
62.5°	244.1	270.2	295.4	320.5	346.7	373.2	400.5	429.1	458.7	480.1	498.5
60°	270.6	300.0	328.1	356.9	386.1	416.1	447.5	477.9	505.0	528.3	547.7
57.5°	296.5	329.4	360.5	391.8	423.7	457.8	492.4	523.4	548.7	571.2	592.4
55°	321.5	358.0	391.1	424.4	460.7	500.6	536.0	564.1	589.9	608.5	628.8
52.5°	345.4	384.5	419.1	456.4	497.8	539.3	574.5	601.8	623.4	642.7	662.5
50°	368.2	407.5	445.9	488.3	532.1	573.7	609.3	634.4	656.2	676.3	695.3
47.5°	388.9	429.7	473.1	518.4	564.2	605.3	639.4	665.0	687.6	708.2	729.2
45°	408.4	452.3	498.4	548.0	594.9	635.6	666.7	694.2	715.9	739.1	765.4
42.5°	427.0	473.9	524.0	576.8	624.7	662.0	692.1	718.5	743.5	771.4	800.6
40°	445.3	494.1	548.3	603.8	652.6	685.0	715.2	743.1	772.0	803.5	835.4
37.5°	462.4	514.8	571.1	629.0	673.2	706.7	737.9	769.1	801.5	835.4	875.1
35°	478.0	533.9	592.9	648.9	691.3	727.9	761.3	795.1	831.3	872.9	916.6
32.5°	493.3	551.2	613.1	665.7	707.8	746.9	783.8	822.0	863.5	909.2	959.2
30°	508.3	568.2	630.9	682.8	722.5	762.5	805.8	848.3	894.4	945.2	1004.0
27.5°	522.9	583.9	645.7	696.2	735.5	776.1	822.5	874.2	924.6	980.2	1048.4
25°	536.2	600.1	660.4	706.9	746.6	789.2	837.6	892.7	952.0	1018.1	1101.5
22.5°	548.9	614.7	674.2	715.9	755.9	800.6	852.7	910.9	975.3	1052.0	1153.9
20°	560.7	626.1	683.5	724.2	763.5	809.7	865.7	927.0	1000.6	1093.5	1215.3
17.5°	571.0	635.7	689.8	731.1	771.6	819.1	876.8	940.6	1023.4	1130.1	1274.3
15°	579.9	643.6	695.3	736.3	778.4	828.7	888.2	957.7	1048.3	1166.0	1325.3
12.5°	587.1	649.7	699.9	740.1	783.7	835.9	897.9	974.2	1073.2	1205.1	1394.0
10°	592.8	654.2	703.6	742.5	787.5	840.6	905.5	987.0	1093.4	1237.8	1452.8
7.5°	598.4	658.2	706.1	743.5	789.7	843.0	910.8	996.1	1108.2	1262.3	1499.7
5°	602.4	661.9	707.6	745.7	791.0	844.0	914.4	1001.4	1117.4	1278.5	1532.8
2.5°	604.7	664.2	707.7	747.4	791.1	844.4	918.6	1004.3	1127.6	1292.2	1551.7
0°	605.5	664.9	706.4	748.0	789.5	842.9	920.1	1003.2	1133.8	1300.0	1555.3
-2.5°	604.7	664.2	707.7	747.4	791.1	844.4	918.6	1004.3	1127.6	1292.2	1551.7
-5°	602.4	661.9	707.6	745.7	791.0	844.0	914.4	1001.4	1117.4	1278.5	1532.8
-7.5°	598.4	658.2	706.1	743.5	789.7	843.0	910.8	996.1	1108.2	1262.3	1499.7
-10°	592.8	654.2	703.6	742.5	787.5	840.6	905.5	987.0	1093.4	1237.8	1452.8
-12.5°	587.1	649.7	699.9	740.1	783.7	835.9	897.9	974.2	1073.2	1205.1	1394.0
-15°	579.9	643.6	695.3	736.3	778.4	828.7	888.2	957.7	1048.3	1166.0	1325.3
-17.5°	571.0	635.7	689.8	731.1	771.6	819.1	876.8	940.6	1023.4	1130.1	1274.3
-20°	560.7	626.1	683.5	724.2	763.5	809.7	865.7	927.0	1000.6	1093.5	1215.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	548.9	614.7	674.2	715.9	755.9	800.6	852.7	910.9	975.3	1052.0	1153.9
-25°	536.2	600.1	660.4	706.9	746.6	789.2	837.6	892.7	952.0	1018.1	1101.5
-27.5°	522.9	583.9	645.7	696.2	735.5	776.1	822.5	874.2	924.6	980.2	1048.4
-30°	508.3	568.2	630.9	682.8	722.5	762.5	805.8	848.3	894.4	945.2	1004.0
-32.5°	493.3	551.2	613.1	665.7	707.8	746.9	783.8	822.0	863.5	909.2	959.2
-35°	478.0	533.9	592.9	648.9	691.3	727.9	761.3	795.1	831.3	872.9	916.6
-37.5°	462.4	514.8	571.1	629.0	673.2	706.7	737.9	769.1	801.5	835.4	875.1
-40°	445.3	494.1	548.3	603.8	652.6	685.0	715.2	743.1	772.0	803.5	835.4
-42.5°	427.0	473.9	524.0	576.8	624.7	662.0	692.1	718.5	743.5	771.4	800.6
-45°	408.4	452.3	498.4	548.0	594.9	635.6	666.7	694.2	715.9	739.1	765.4
-47.5°	388.9	429.7	473.1	518.4	564.2	605.3	639.4	665.0	687.6	708.2	729.2
-50°	368.2	407.5	445.9	488.3	532.1	573.7	609.3	634.4	656.2	676.3	695.3
-52.5°	345.4	384.5	419.1	456.4	497.8	539.3	574.5	601.8	623.4	642.7	662.5
-55°	321.5	358.0	391.1	424.4	460.7	500.6	536.0	564.1	589.9	608.5	628.8
-57.5°	296.5	329.4	360.5	391.8	423.7	457.8	492.4	523.4	548.7	571.2	592.4
-60°	270.6	300.0	328.1	356.9	386.1	416.1	447.5	477.9	505.0	528.3	547.7
-62.5°	244.1	270.2	295.4	320.5	346.7	373.2	400.5	429.1	458.7	480.1	498.5
-65°	216.6	239.9	262.7	284.9	306.4	330.4	354.0	376.7	401.6	424.6	444.7
-67.5°	188.2	209.1	229.5	249.3	268.7	288.3	308.2	328.6	348.2	367.0	385.3
-70°	161.7	178.3	195.9	213.4	230.4	246.8	263.6	280.5	297.5	314.1	329.9
-72.5°	135.3	149.6	163.6	177.2	192.3	207.0	220.5	232.8	246.8	262.2	276.3
-75°	110.3	120.9	132.5	143.9	155.9	168.0	179.8	191.2	202.2	213.5	224.9
-77.5°	86.6	95.9	104.3	112.0	120.4	130.5	140.3	149.7	158.7	167.3	175.4
-80°	63.6	70.8	78.2	84.9	91.5	98.0	104.2	110.2	116.0	122.1	128.6
-82.5°	41.9	47.3	52.6	57.8	62.8	67.6	72.3	76.8	81.1	85.2	89.1
-85°	21.9	23.7	27.2	30.6	34.0	37.2	40.3	43.3	46.2	48.9	51.5
-87.5°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-MR-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°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.1	23.3
85°	54.0	56.3	58.4	60.4	62.3	62.7	62.9	62.8	62.5	63.3	64.0
82.5°	92.8	97.0	101.2	105.4	109.5	111.0	112.1	112.8	113.3	114.9	116.3
80°	134.8	141.4	147.5	153.0	157.8	161.3	164.4	167.3	169.9	171.2	171.8
77.5°	183.6	191.6	199.1	206.0	212.4	217.5	221.5	224.8	227.3	229.0	230.0
75°	236.1	246.2	255.2	263.6	271.3	276.6	280.3	283.1	284.9	286.9	288.5
72.5°	289.1	300.6	311.3	321.4	330.2	336.4	340.7	344.2	346.9	348.8	349.8
70°	344.9	358.6	370.4	380.5	388.4	394.4	399.0	402.8	405.7	407.7	408.8
67.5°	402.6	417.3	428.4	437.1	444.3	450.6	456.4	460.7	463.5	466.4	469.4
65°	461.5	476.4	487.7	497.0	504.5	512.7	520.1	525.7	529.4	532.8	536.2
62.5°	516.7	533.7	546.7	559.0	571.3	583.0	589.8	595.1	598.8	602.1	606.0
60°	567.0	586.2	602.2	617.0	632.1	647.3	653.5	658.5	663.1	667.4	671.4
57.5°	611.6	632.0	651.4	666.1	680.6	694.8	704.6	710.0	713.6	715.5	717.2
55°	650.4	670.8	690.2	707.1	722.8	737.4	748.3	753.6	757.4	759.9	761.4
52.5°	685.2	707.0	727.8	746.5	763.5	779.2	792.8	800.1	805.9	810.0	811.4
50°	719.4	743.0	765.5	785.4	805.2	824.0	841.4	851.4	858.4	862.8	864.1
47.5°	755.1	780.7	805.0	828.2	850.6	872.9	893.4	907.1	917.3	924.7	930.1
45°	792.2	819.8	846.6	874.0	899.8	928.6	954.6	974.5	989.2	1002.0	1012.2
42.5°	829.6	860.5	891.4	926.7	961.9	994.6	1025.5	1052.0	1076.1	1099.7	1118.1
40°	870.3	904.1	946.4	988.2	1031.6	1069.6	1114.7	1155.2	1192.3	1232.3	1265.4
37.5°	914.7	958.2	1008.2	1058.4	1114.7	1169.4	1232.5	1294.6	1348.5	1418.7	1475.0
35°	963.0	1018.2	1077.3	1144.6	1217.3	1303.1	1391.3	1494.8	1582.6	1694.1	1797.0
32.5°	1016.9	1081.9	1158.4	1251.0	1349.1	1486.9	1616.1	1791.6	1941.5	2135.0	2346.3
30°	1071.8	1155.6	1259.9	1379.4	1545.4	1740.9	1968.9	2265.4	2586.2	2918.1	3364.9
27.5°	1136.8	1245.6	1375.9	1560.4	1808.6	2079.3	2543.7	3045.2	3743.9	4296.9	5282.0
25°	1206.7	1341.5	1533.9	1801.3	2144.3	2692.1	3476.1	4384.0	5781.9	7025.4	8454.5
22.5°	1289.7	1472.7	1727.3	2077.5	2675.6	3618.0	4841.8	6706.0	8778.4	10823.9	12693.4
20°	1377.5	1598.5	1954.6	2525.0	3449.4	4812.1	6995.4	9659.3	12410.6	15213.8	17576.0
17.5°	1480.0	1780.2	2249.2	3006.8	4325.6	6658.7	9574.9	12962.3	16556.7	20133.6	23240.7
15°	1568.1	1938.9	2570.5	3705.3	5671.9	8590.3	12174.4	16452.5	20972.6	25614.7	30645.8
12.5°	1680.4	2130.3	2901.6	4282.9	6866.5	10659.6	15045.1	20012.1	25531.7	31695.3	39538.8
10°	1783.5	2331.0	3337.1	5208.2	8302.4	12592.6	17524.8	23160.0	30319.4	39581.7	49042.9
7.5°	1866.1	2490.2	3674.9	5930.2	9506.6	14244.0	19757.6	26513.8	35445.8	46475.1	57285.2
5°	1923.6	2600.5	3916.6	6475.8	10475.2	15506.0	21342.0	28986.2	39766.8	52117.7	63155.4
2.5°	1959.7	2660.9	4034.9	6799.7	11107.0	16265.4	22330.6	30557.4	42415.1	55709.6	66884.9
0°	1976.8	2671.3	3959.5	6957.2	11195.7	16211.8	22421.1	31082.0	43043.5	56684.9	67815.4
-2.5°	1959.7	2660.9	4034.9	6799.7	11107.0	16265.4	22330.6	30557.4	42415.1	55709.6	66884.9
-5°	1923.6	2600.5	3916.6	6475.8	10475.2	15506.0	21342.0	28986.2	39766.8	52117.7	63155.4
-7.5°	1866.1	2490.2	3674.9	5930.2	9506.6	14244.0	19757.6	26513.8	35445.8	46475.1	57285.2
-10°	1783.5	2331.0	3337.1	5208.2	8302.4	12592.6	17524.8	23160.0	30319.4	39581.7	49042.9
-12.5°	1680.4	2130.3	2901.6	4282.9	6866.5	10659.6	15045.1	20012.1	25531.7	31695.3	39538.8
-15°	1568.1	1938.9	2570.5	3705.3	5671.9	8590.3	12174.4	16452.5	20972.6	25614.7	30645.8
-17.5°	1480.0	1780.2	2249.2	3006.8	4325.6	6658.7	9574.9	12962.3	16556.7	20133.6	23240.7
-20°	1377.5	1598.5	1954.6	2525.0	3449.4	4812.1	6995.4	9659.3	12410.6	15213.8	17576.0

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1289.7	1472.7	1727.3	2077.5	2675.6	3618.0	4841.8	6706.0	8778.4	10823.9	12693.4
-25°	1206.7	1341.5	1533.9	1801.3	2144.3	2692.1	3476.1	4384.0	5781.9	7025.4	8454.5
-27.5°	1136.8	1245.6	1375.9	1560.4	1808.6	2079.3	2543.7	3045.2	3743.9	4296.9	5282.0
-30°	1071.8	1155.6	1259.9	1379.4	1545.4	1740.9	1968.9	2265.4	2586.2	2918.1	3364.9
-32.5°	1016.9	1081.9	1158.4	1251.0	1349.1	1486.9	1616.1	1791.6	1941.5	2135.0	2346.3
-35°	963.0	1018.2	1077.3	1144.6	1217.3	1303.1	1391.3	1494.8	1582.6	1694.1	1797.0
-37.5°	914.7	958.2	1008.2	1058.4	1114.7	1169.4	1232.5	1294.6	1348.5	1418.7	1475.0
-40°	870.3	904.1	946.4	988.2	1031.6	1069.6	1114.7	1155.2	1192.3	1232.3	1265.4
-42.5°	829.6	860.5	891.4	926.7	961.9	994.6	1025.5	1052.0	1076.1	1099.7	1118.1
-45°	792.2	819.8	846.6	874.0	899.8	928.6	954.6	974.5	989.2	1002.0	1012.2
-47.5°	755.1	780.7	805.0	828.2	850.6	872.9	893.4	907.1	917.3	924.7	930.1
-50°	719.4	743.0	765.5	785.4	805.2	824.0	841.4	851.4	858.4	862.8	864.1
-52.5°	685.2	707.0	727.8	746.5	763.5	779.2	792.8	800.1	805.9	810.0	811.4
-55°	650.4	670.8	690.2	707.1	722.8	737.4	748.3	753.6	757.4	759.9	761.4
-57.5°	611.6	632.0	651.4	666.1	680.6	694.8	704.6	710.0	713.6	715.5	717.2
-60°	567.0	586.2	602.2	617.0	632.1	647.3	653.5	658.5	663.1	667.4	671.4
-62.5°	516.7	533.7	546.7	559.0	571.3	583.0	589.8	595.1	598.8	602.1	606.0
-65°	461.5	476.4	487.7	497.0	504.5	512.7	520.1	525.7	529.4	532.8	536.2
-67.5°	402.6	417.3	428.4	437.1	444.3	450.6	456.4	460.7	463.5	466.4	469.4
-70°	344.9	358.6	370.4	380.5	388.4	394.4	399.0	402.8	405.7	407.7	408.8
-72.5°	289.1	300.6	311.3	321.4	330.2	336.4	340.7	344.2	346.9	348.8	349.8
-75°	236.1	246.2	255.2	263.6	271.3	276.6	280.3	283.1	284.9	286.9	288.5
-77.5°	183.6	191.6	199.1	206.0	212.4	217.5	221.5	224.8	227.3	229.0	230.0
-80°	134.8	141.4	147.5	153.0	157.8	161.3	164.4	167.3	169.9	171.2	171.8
-82.5°	92.8	97.0	101.2	105.4	109.5	111.0	112.1	112.8	113.3	114.9	116.3
-85°	54.0	56.3	58.4	60.4	62.3	62.7	62.9	62.8	62.5	63.3	64.0
-87.5°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.1	23.3
-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: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-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°	23.5	23.6	23.7	23.7	23.7	23.6	23.5	23.3	23.1	22.9	22.6
85°	64.6	65.0	65.2	65.3	65.2	65.0	64.6	64.0	63.3	62.5	62.8
82.5°	117.3	118.1	118.5	118.7	118.5	118.1	117.3	116.3	114.9	113.3	112.8
80°	171.8	171.4	172.0	172.2	172.0	171.4	171.8	171.8	171.2	169.9	167.3
77.5°	230.5	230.4	231.2	231.5	231.2	230.4	230.5	230.0	229.0	227.3	224.8
75°	289.4	289.6	290.6	290.9	290.6	289.6	289.4	288.5	286.9	284.9	283.1
72.5°	349.8	348.9	349.8	350.2	349.8	348.9	349.8	349.8	348.8	346.9	344.2
70°	408.9	408.1	411.9	415.5	411.9	408.1	408.9	408.8	407.7	405.7	402.8
67.5°	471.6	472.8	477.0	480.8	477.0	472.8	471.6	469.4	466.4	463.5	460.7
65°	537.9	538.1	542.2	546.1	542.2	538.1	537.9	536.2	532.8	529.4	525.7
62.5°	608.2	608.9	613.2	617.4	613.2	608.9	608.2	606.0	602.1	598.8	595.1
60°	673.7	674.3	675.9	676.7	675.9	674.3	673.7	671.4	667.4	663.1	658.5
57.5°	717.7	717.1	717.7	718.3	717.7	717.1	717.7	717.2	715.5	713.6	710.0
55°	761.1	759.2	756.9	753.9	756.9	759.2	761.1	761.4	759.9	757.4	753.6
52.5°	810.3	807.2	804.3	801.4	804.3	807.2	810.3	811.4	810.0	805.9	800.1
50°	863.3	860.5	857.7	854.8	857.7	860.5	863.3	864.1	862.8	858.4	851.4
47.5°	933.8	935.0	934.5	932.0	934.5	935.0	933.8	930.1	924.7	917.3	907.1
45°	1019.5	1022.9	1023.3	1021.0	1023.3	1022.9	1019.5	1012.2	1002.0	989.2	974.5
42.5°	1131.2	1138.7	1142.8	1145.7	1142.8	1138.7	1131.2	1118.1	1099.7	1076.1	1052.0
40°	1289.5	1304.9	1314.6	1323.8	1314.6	1304.9	1289.5	1265.4	1232.3	1192.3	1155.2
37.5°	1516.7	1544.6	1557.0	1549.4	1557.0	1544.6	1516.7	1475.0	1418.7	1348.5	1294.6
35°	1876.3	1929.2	1956.7	1959.0	1956.7	1929.2	1876.3	1797.0	1694.1	1582.6	1494.8
32.5°	2502.5	2610.8	2669.0	2677.2	2669.0	2610.8	2502.5	2346.3	2135.0	1941.5	1791.6
30°	3706.9	3927.8	4031.6	4006.9	4031.6	3927.8	3706.9	3364.9	2918.1	2586.2	2265.4
27.5°	6047.8	6598.8	6925.3	6951.3	6925.3	6598.8	6047.8	5282.0	4296.9	3743.9	3045.2
25°	9720.2	10660.8	11263.2	11272.9	11263.2	10660.8	9720.2	8454.5	7025.4	5781.9	4384.0
22.5°	14422.1	15706.1	16409.5	16532.4	16409.5	15706.1	14422.1	12693.4	10823.9	8778.4	6706.0
20°	19869.4	21577.5	22491.3	22492.3	22491.3	21577.5	19869.4	17576.0	15213.8	12410.6	9659.3
17.5°	26578.0	29351.4	31092.4	31841.9	31092.4	29351.4	26578.0	23240.7	20133.6	16556.7	12962.3
15°	35490.5	40151.1	42943.8	43447.2	42943.8	40151.1	35490.5	30645.8	25614.7	20972.6	16452.5
12.5°	46342.4	52240.6	56205.4	57658.5	56205.4	52240.6	46342.4	39538.8	31695.3	25531.7	20012.1
10°	57672.8	63137.8	67385.3	68812.6	67385.3	63137.8	57672.8	49042.9	39581.7	30319.4	23160.0
7.5°	65858.1	72374.9	77159.4	79260.4	77159.4	72374.9	65858.1	57285.2	46475.1	35445.8	26513.8
5°	72319.5	80030.5	84484.4	86461.0	84484.4	80030.5	72319.5	63155.4	52117.7	39766.8	28986.2
2.5°	76559.1	84178.2	88894.6	90717.3	88894.6	84178.2	76559.1	66884.9	55709.6	42415.1	30557.4
0°	78144.4	85594.3	90254.3	92480.3	90254.3	85594.3	78144.4	67815.4	56684.9	43043.5	31082.0
-2.5°	76559.1	84178.2	88894.6	90717.3	88894.6	84178.2	76559.1	66884.9	55709.6	42415.1	30557.4
-5°	72319.5	80030.5	84484.4	86461.0	84484.4	80030.5	72319.5	63155.4	52117.7	39766.8	28986.2
-7.5°	65858.1	72374.9	77159.4	79260.4	77159.4	72374.9	65858.1	57285.2	46475.1	35445.8	26513.8
-10°	57672.8	63137.8	67385.3	68812.6	67385.3	63137.8	57672.8	49042.9	39581.7	30319.4	23160.0
-12.5°	46342.4	52240.6	56205.4	57658.5	56205.4	52240.6	46342.4	39538.8	31695.3	25531.7	20012.1
-15°	35490.5	40151.1	42943.8	43447.2	42943.8	40151.1	35490.5	30645.8	25614.7	20972.6	16452.5
-17.5°	26578.0	29351.4	31092.4	31841.9	31092.4	29351.4	26578.0	23240.7	20133.6	16556.7	12962.3
-20°	19869.4	21577.5	22491.3	22492.3	22491.3	21577.5	19869.4	17576.0	15213.8	12410.6	9659.3



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14422.1	15706.1	16409.5	16532.4	16409.5	15706.1	14422.1	12693.4	10823.9	8778.4	6706.0
-25°	9720.2	10660.8	11263.2	11272.9	11263.2	10660.8	9720.2	8454.5	7025.4	5781.9	4384.0
-27.5°	6047.8	6598.8	6925.3	6951.3	6925.3	6598.8	6047.8	5282.0	4296.9	3743.9	3045.2
-30°	3706.9	3927.8	4031.6	4006.9	4031.6	3927.8	3706.9	3364.9	2918.1	2586.2	2265.4
-32.5°	2502.5	2610.8	2669.0	2677.2	2669.0	2610.8	2502.5	2346.3	2135.0	1941.5	1791.6
-35°	1876.3	1929.2	1956.7	1959.0	1956.7	1929.2	1876.3	1797.0	1694.1	1582.6	1494.8
-37.5°	1516.7	1544.6	1557.0	1549.4	1557.0	1544.6	1516.7	1475.0	1418.7	1348.5	1294.6
-40°	1289.5	1304.9	1314.6	1323.8	1314.6	1304.9	1289.5	1265.4	1232.3	1192.3	1155.2
-42.5°	1131.2	1138.7	1142.8	1145.7	1142.8	1138.7	1131.2	1118.1	1099.7	1076.1	1052.0
-45°	1019.5	1022.9	1023.3	1021.0	1023.3	1022.9	1019.5	1012.2	1002.0	989.2	974.5
-47.5°	933.8	935.0	934.5	932.0	934.5	935.0	933.8	930.1	924.7	917.3	907.1
-50°	863.3	860.5	857.7	854.8	857.7	860.5	863.3	864.1	862.8	858.4	851.4
-52.5°	810.3	807.2	804.3	801.4	804.3	807.2	810.3	811.4	810.0	805.9	800.1
-55°	761.1	759.2	756.9	753.9	756.9	759.2	761.1	761.4	759.9	757.4	753.6
-57.5°	717.7	717.1	717.7	718.3	717.7	717.1	717.7	717.2	715.5	713.6	710.0
-60°	673.7	674.3	675.9	676.7	675.9	674.3	673.7	671.4	667.4	663.1	658.5
-62.5°	608.2	608.9	613.2	617.4	613.2	608.9	608.2	606.0	602.1	598.8	595.1
-65°	537.9	538.1	542.2	546.1	542.2	538.1	537.9	536.2	532.8	529.4	525.7
-67.5°	471.6	472.8	477.0	480.8	477.0	472.8	471.6	469.4	466.4	463.5	460.7
-70°	408.9	408.1	411.9	415.5	411.9	408.1	408.9	408.8	407.7	405.7	402.8
-72.5°	349.8	348.9	349.8	350.2	349.8	348.9	349.8	349.8	348.8	346.9	344.2
-75°	289.4	289.6	290.6	290.9	290.6	289.6	289.4	288.5	286.9	284.9	283.1
-77.5°	230.5	230.4	231.2	231.5	231.2	230.4	230.5	230.0	229.0	227.3	224.8
-80°	171.8	171.4	172.0	172.2	172.0	171.4	171.8	171.8	171.2	169.9	167.3
-82.5°	117.3	118.1	118.5	118.7	118.5	118.1	117.3	116.3	114.9	113.3	112.8
-85°	64.6	65.0	65.2	65.3	65.2	65.0	64.6	64.0	63.3	62.5	62.8
-87.5°	23.5	23.6	23.7	23.7	23.7	23.6	23.5	23.3	23.1	22.9	22.6
-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: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-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°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
85°	62.9	62.7	62.3	60.4	58.4	56.3	54.0	51.5	48.9	46.2	43.3
82.5°	112.1	111.0	109.5	105.4	101.2	97.0	92.8	89.1	85.2	81.1	76.8
80°	164.4	161.3	157.8	153.0	147.5	141.4	134.8	128.6	122.1	116.0	110.2
77.5°	221.5	217.5	212.4	206.0	199.1	191.6	183.6	175.4	167.3	158.7	149.7
75°	280.3	276.6	271.3	263.6	255.2	246.2	236.1	224.9	213.5	202.2	191.2
72.5°	340.7	336.4	330.2	321.4	311.3	300.6	289.1	276.3	262.2	246.8	232.8
70°	399.0	394.4	388.4	380.5	370.4	358.6	344.9	329.9	314.1	297.5	280.5
67.5°	456.4	450.6	444.3	437.1	428.4	417.3	402.6	385.3	367.0	348.2	328.6
65°	520.1	512.7	504.5	497.0	487.7	476.4	461.5	444.7	424.6	401.6	376.7
62.5°	589.8	583.0	571.3	559.0	546.7	533.7	516.7	498.5	480.1	458.7	429.1
60°	653.5	647.3	632.1	617.0	602.2	586.2	567.0	547.7	528.3	505.0	477.9
57.5°	704.6	694.8	680.6	666.1	651.4	632.0	611.6	592.4	571.2	548.7	523.4
55°	748.3	737.4	722.8	707.1	690.2	670.8	650.4	628.8	608.5	589.9	564.1
52.5°	792.8	779.2	763.5	746.5	727.8	707.0	685.2	662.5	642.7	623.4	601.8
50°	841.4	824.0	805.2	785.4	765.5	743.0	719.4	695.3	676.3	656.2	634.4
47.5°	893.4	872.9	850.6	828.2	805.0	780.7	755.1	729.2	708.2	687.6	665.0
45°	954.6	928.6	899.8	874.0	846.6	819.8	792.2	765.4	739.1	715.9	694.2
42.5°	1025.5	994.6	961.9	926.7	891.4	860.5	829.6	800.6	771.4	743.5	718.5
40°	1114.7	1069.6	1031.6	988.2	946.4	904.1	870.3	835.4	803.5	772.0	743.1
37.5°	1232.5	1169.4	1114.7	1058.4	1008.2	958.2	914.7	875.1	835.4	801.5	769.1
35°	1391.3	1303.1	1217.3	1144.6	1077.3	1018.2	963.0	916.6	872.9	831.3	795.1
32.5°	1616.1	1486.9	1349.1	1251.0	1158.4	1081.9	1016.9	959.2	909.2	863.5	822.0
30°	1968.9	1740.9	1545.4	1379.4	1259.9	1155.6	1071.8	1004.0	945.2	894.4	848.3
27.5°	2543.7	2079.3	1808.6	1560.4	1375.9	1245.6	1136.8	1048.4	980.2	924.6	874.2
25°	3476.1	2692.1	2144.3	1801.3	1533.9	1341.5	1206.7	1101.5	1018.1	952.0	892.7
22.5°	4841.8	3618.0	2675.6	2077.5	1727.3	1472.7	1289.7	1153.9	1052.0	975.3	910.9
20°	6995.4	4812.1	3449.4	2525.0	1954.6	1598.5	1377.5	1215.3	1093.5	1000.6	927.0
17.5°	9574.9	6658.7	4325.6	3006.8	2249.2	1780.2	1480.0	1274.3	1130.1	1023.4	940.6
15°	12174.4	8590.3	5671.9	3705.3	2570.5	1938.9	1568.1	1325.3	1166.0	1048.3	957.7
12.5°	15045.1	10659.6	6866.5	4282.9	2901.6	2130.3	1680.4	1394.0	1205.1	1073.2	974.2
10°	17524.8	12592.6	8302.4	5208.2	3337.1	2331.0	1783.5	1452.8	1237.8	1093.4	987.0
7.5°	19757.6	14244.0	9506.6	5930.2	3674.9	2490.2	1866.1	1499.7	1262.3	1108.2	996.1
5°	21342.0	15506.0	10475.2	6475.8	3916.6	2600.5	1923.6	1532.8	1278.5	1117.4	1001.4
2.5°	22330.6	16265.4	11107.0	6799.7	4034.9	2660.9	1959.7	1551.7	1292.2	1127.6	1004.3
0°	22421.1	16211.8	11195.7	6957.2	3959.5	2671.3	1976.8	1555.3	1300.0	1133.8	1003.2
-2.5°	22330.6	16265.4	11107.0	6799.7	4034.9	2660.9	1959.7	1551.7	1292.2	1127.6	1004.3
-5°	21342.0	15506.0	10475.2	6475.8	3916.6	2600.5	1923.6	1532.8	1278.5	1117.4	1001.4
-7.5°	19757.6	14244.0	9506.6	5930.2	3674.9	2490.2	1866.1	1499.7	1262.3	1108.2	996.1
-10°	17524.8	12592.6	8302.4	5208.2	3337.1	2331.0	1783.5	1452.8	1237.8	1093.4	987.0
-12.5°	15045.1	10659.6	6866.5	4282.9	2901.6	2130.3	1680.4	1394.0	1205.1	1073.2	974.2
-15°	12174.4	8590.3	5671.9	3705.3	2570.5	1938.9	1568.1	1325.3	1166.0	1048.3	957.7
-17.5°	9574.9	6658.7	4325.6	3006.8	2249.2	1780.2	1480.0	1274.3	1130.1	1023.4	940.6
-20°	6995.4	4812.1	3449.4	2525.0	1954.6	1598.5	1377.5	1215.3	1093.5	1000.6	927.0



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4841.8	3618.0	2675.6	2077.5	1727.3	1472.7	1289.7	1153.9	1052.0	975.3	910.9
-25°	3476.1	2692.1	2144.3	1801.3	1533.9	1341.5	1206.7	1101.5	1018.1	952.0	892.7
-27.5°	2543.7	2079.3	1808.6	1560.4	1375.9	1245.6	1136.8	1048.4	980.2	924.6	874.2
-30°	1968.9	1740.9	1545.4	1379.4	1259.9	1155.6	1071.8	1004.0	945.2	894.4	848.3
-32.5°	1616.1	1486.9	1349.1	1251.0	1158.4	1081.9	1016.9	959.2	909.2	863.5	822.0
-35°	1391.3	1303.1	1217.3	1144.6	1077.3	1018.2	963.0	916.6	872.9	831.3	795.1
-37.5°	1232.5	1169.4	1114.7	1058.4	1008.2	958.2	914.7	875.1	835.4	801.5	769.1
-40°	1114.7	1069.6	1031.6	988.2	946.4	904.1	870.3	835.4	803.5	772.0	743.1
-42.5°	1025.5	994.6	961.9	926.7	891.4	860.5	829.6	800.6	771.4	743.5	718.5
-45°	954.6	928.6	899.8	874.0	846.6	819.8	792.2	765.4	739.1	715.9	694.2
-47.5°	893.4	872.9	850.6	828.2	805.0	780.7	755.1	729.2	708.2	687.6	665.0
-50°	841.4	824.0	805.2	785.4	765.5	743.0	719.4	695.3	676.3	656.2	634.4
-52.5°	792.8	779.2	763.5	746.5	727.8	707.0	685.2	662.5	642.7	623.4	601.8
-55°	748.3	737.4	722.8	707.1	690.2	670.8	650.4	628.8	608.5	589.9	564.1
-57.5°	704.6	694.8	680.6	666.1	651.4	632.0	611.6	592.4	571.2	548.7	523.4
-60°	653.5	647.3	632.1	617.0	602.2	586.2	567.0	547.7	528.3	505.0	477.9
-62.5°	589.8	583.0	571.3	559.0	546.7	533.7	516.7	498.5	480.1	458.7	429.1
-65°	520.1	512.7	504.5	497.0	487.7	476.4	461.5	444.7	424.6	401.6	376.7
-67.5°	456.4	450.6	444.3	437.1	428.4	417.3	402.6	385.3	367.0	348.2	328.6
-70°	399.0	394.4	388.4	380.5	370.4	358.6	344.9	329.9	314.1	297.5	280.5
-72.5°	340.7	336.4	330.2	321.4	311.3	300.6	289.1	276.3	262.2	246.8	232.8
-75°	280.3	276.6	271.3	263.6	255.2	246.2	236.1	224.9	213.5	202.2	191.2
-77.5°	221.5	217.5	212.4	206.0	199.1	191.6	183.6	175.4	167.3	158.7	149.7
-80°	164.4	161.3	157.8	153.0	147.5	141.4	134.8	128.6	122.1	116.0	110.2
-82.5°	112.1	111.0	109.5	105.4	101.2	97.0	92.8	89.1	85.2	81.1	76.8
-85°	62.9	62.7	62.3	60.4	58.4	56.3	54.0	51.5	48.9	46.2	43.3
-87.5°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-MR-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°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	7.1
85°	40.3	37.2	34.0	30.6	27.2	23.7	21.9	20.0	18.1	16.2	14.2
82.5°	72.3	67.6	62.8	57.8	52.6	47.3	41.9	36.3	30.4	24.7	21.3
80°	104.2	98.0	91.5	84.9	78.2	70.8	63.6	56.0	47.7	39.8	32.2
77.5°	140.3	130.5	120.4	112.0	104.3	95.9	86.6	76.2	64.9	54.6	44.8
75°	179.8	168.0	155.9	143.9	132.5	120.9	110.3	98.1	83.9	69.6	57.3
72.5°	220.5	207.0	192.3	177.2	163.6	149.6	135.3	119.8	103.6	87.1	70.3
70°	263.6	246.8	230.4	213.4	195.9	178.3	161.7	143.1	123.0	104.3	85.5
67.5°	308.2	288.3	268.7	249.3	229.5	209.1	188.2	166.6	144.1	121.3	100.4
65°	354.0	330.4	306.4	284.9	262.7	239.9	216.6	190.2	164.9	139.9	115.0
62.5°	400.5	373.2	346.7	320.5	295.4	270.2	244.1	214.5	185.6	158.1	130.5
60°	447.5	416.1	386.1	356.9	328.1	300.0	270.6	238.1	206.5	175.9	146.1
57.5°	492.4	457.8	423.7	391.8	360.5	329.4	296.5	261.4	226.8	193.6	161.4
55°	536.0	500.6	460.7	424.4	391.1	358.0	321.5	284.4	246.5	210.7	176.2
52.5°	574.5	539.3	497.8	456.4	419.1	384.5	345.4	306.6	266.6	227.1	190.5
50°	609.3	573.7	532.1	488.3	445.9	407.5	368.2	327.2	285.9	243.3	204.4
47.5°	639.4	605.3	564.2	518.4	473.1	429.7	388.9	346.7	304.6	259.9	217.8
45°	666.7	635.6	594.9	548.0	498.4	452.3	408.4	365.1	321.1	275.9	230.7
42.5°	692.1	662.0	624.7	576.8	524.0	473.9	427.0	382.1	336.6	291.1	243.5
40°	715.2	685.0	652.6	603.8	548.3	494.1	445.3	398.1	351.2	305.0	256.0
37.5°	737.9	706.7	673.2	629.0	571.1	514.8	462.4	413.3	365.2	317.4	267.7
35°	761.3	727.9	691.3	648.9	592.9	533.9	478.0	427.5	378.4	329.1	278.6
32.5°	783.8	746.9	707.8	665.7	613.1	551.2	493.3	441.3	390.8	340.0	288.7
30°	805.8	762.5	722.5	682.8	630.9	568.2	508.3	454.1	402.2	350.1	297.8
27.5°	822.5	776.1	735.5	696.2	645.7	583.9	522.9	466.0	412.8	359.4	305.9
25°	837.6	789.2	746.6	706.9	660.4	600.1	536.2	476.8	422.4	367.9	313.3
22.5°	852.7	800.6	755.9	715.9	674.2	614.7	548.9	487.6	431.1	375.6	319.9
20°	865.7	809.7	763.5	724.2	683.5	626.1	560.7	497.3	438.8	382.3	325.8
17.5°	876.8	819.1	771.6	731.1	689.8	635.7	571.0	505.7	445.5	388.2	330.9
15°	888.2	828.7	778.4	736.3	695.3	643.6	579.9	512.8	451.2	393.2	335.6
12.5°	897.9	835.9	783.7	740.1	699.9	649.7	587.1	518.7	455.8	397.9	340.1
10°	905.5	840.6	787.5	742.5	703.6	654.2	592.8	524.2	461.3	402.1	343.7
7.5°	910.8	843.0	789.7	743.5	706.1	658.2	598.4	530.1	466.2	405.4	346.5
5°	914.4	844.0	791.0	745.7	707.6	661.9	602.4	534.8	470.2	407.7	348.6
2.5°	918.6	844.4	791.1	747.4	707.7	664.2	604.7	538.2	473.1	409.1	349.8
0°	920.1	842.9	789.5	748.0	706.4	664.9	605.5	540.2	474.9	409.6	350.2
-2.5°	918.6	844.4	791.1	747.4	707.7	664.2	604.7	538.2	473.1	409.1	349.8
-5°	914.4	844.0	791.0	745.7	707.6	661.9	602.4	534.8	470.2	407.7	348.6
-7.5°	910.8	843.0	789.7	743.5	706.1	658.2	598.4	530.1	466.2	405.4	346.5
-10°	905.5	840.6	787.5	742.5	703.6	654.2	592.8	524.2	461.3	402.1	343.7
-12.5°	897.9	835.9	783.7	740.1	699.9	649.7	587.1	518.7	455.8	397.9	340.1
-15°	888.2	828.7	778.4	736.3	695.3	643.6	579.9	512.8	451.2	393.2	335.6
-17.5°	876.8	819.1	771.6	731.1	689.8	635.7	571.0	505.7	445.5	388.2	330.9
-20°	865.7	809.7	763.5	724.2	683.5	626.1	560.7	497.3	438.8	382.3	325.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	852.7	800.6	755.9	715.9	674.2	614.7	548.9	487.6	431.1	375.6	319.9
-25°	837.6	789.2	746.6	706.9	660.4	600.1	536.2	476.8	422.4	367.9	313.3
-27.5°	822.5	776.1	735.5	696.2	645.7	583.9	522.9	466.0	412.8	359.4	305.9
-30°	805.8	762.5	722.5	682.8	630.9	568.2	508.3	454.1	402.2	350.1	297.8
-32.5°	783.8	746.9	707.8	665.7	613.1	551.2	493.3	441.3	390.8	340.0	288.7
-35°	761.3	727.9	691.3	648.9	592.9	533.9	478.0	427.5	378.4	329.1	278.6
-37.5°	737.9	706.7	673.2	629.0	571.1	514.8	462.4	413.3	365.2	317.4	267.7
-40°	715.2	685.0	652.6	603.8	548.3	494.1	445.3	398.1	351.2	305.0	256.0
-42.5°	692.1	662.0	624.7	576.8	524.0	473.9	427.0	382.1	336.6	291.1	243.5
-45°	666.7	635.6	594.9	548.0	498.4	452.3	408.4	365.1	321.1	275.9	230.7
-47.5°	639.4	605.3	564.2	518.4	473.1	429.7	388.9	346.7	304.6	259.9	217.8
-50°	609.3	573.7	532.1	488.3	445.9	407.5	368.2	327.2	285.9	243.3	204.4
-52.5°	574.5	539.3	497.8	456.4	419.1	384.5	345.4	306.6	266.6	227.1	190.5
-55°	536.0	500.6	460.7	424.4	391.1	358.0	321.5	284.4	246.5	210.7	176.2
-57.5°	492.4	457.8	423.7	391.8	360.5	329.4	296.5	261.4	226.8	193.6	161.4
-60°	447.5	416.1	386.1	356.9	328.1	300.0	270.6	238.1	206.5	175.9	146.1
-62.5°	400.5	373.2	346.7	320.5	295.4	270.2	244.1	214.5	185.6	158.1	130.5
-65°	354.0	330.4	306.4	284.9	262.7	239.9	216.6	190.2	164.9	139.9	115.0
-67.5°	308.2	288.3	268.7	249.3	229.5	209.1	188.2	166.6	144.1	121.3	100.4
-70°	263.6	246.8	230.4	213.4	195.9	178.3	161.7	143.1	123.0	104.3	85.5
-72.5°	220.5	207.0	192.3	177.2	163.6	149.6	135.3	119.8	103.6	87.1	70.3
-75°	179.8	168.0	155.9	143.9	132.5	120.9	110.3	98.1	83.9	69.6	57.3
-77.5°	140.3	130.5	120.4	112.0	104.3	95.9	86.6	76.2	64.9	54.6	44.8
-80°	104.2	98.0	91.5	84.9	78.2	70.8	63.6	56.0	47.7	39.8	32.2
-82.5°	72.3	67.6	62.8	57.8	52.6	47.3	41.9	36.3	30.4	24.7	21.3
-85°	40.3	37.2	34.0	30.6	27.2	23.7	21.9	20.0	18.1	16.2	14.2
-87.5°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	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

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Scaled Data Report



REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-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°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
85°	12.3	10.2	8.2	6.2	4.1	2.1	0.0
82.5°	18.4	15.3	12.3	9.3	6.2	3.1	0.0
80°	25.0	20.4	16.4	12.3	8.2	4.1	0.0
77.5°	35.5	26.8	20.4	15.3	10.2	5.1	0.0
75°	46.0	35.5	25.0	18.4	12.3	6.1	0.0
72.5°	56.4	44.2	31.9	21.3	14.2	7.1	0.0
70°	67.0	52.7	38.8	24.7	16.2	8.1	0.0
67.5°	79.9	61.2	45.5	29.7	18.1	9.1	0.0
65°	92.6	70.6	52.1	34.7	20.0	10.0	0.0
62.5°	105.1	81.0	58.6	39.6	21.9	10.9	0.0
60°	117.3	91.2	65.0	44.4	23.7	11.8	0.0
57.5°	130.2	101.1	72.9	49.0	26.8	12.7	0.0
55°	142.7	110.8	80.6	53.5	29.8	13.6	0.0
52.5°	154.8	120.3	88.1	57.9	32.7	14.4	0.0
50°	166.4	129.9	95.4	62.2	35.5	15.2	0.0
47.5°	177.5	139.1	102.4	66.6	38.3	16.0	0.0
45°	188.5	147.8	109.2	71.6	40.9	16.8	0.0
42.5°	199.0	156.1	115.6	76.5	43.4	17.5	0.0
40°	209.1	163.9	121.8	81.0	45.8	18.2	0.0
37.5°	218.6	171.3	127.8	85.3	48.1	18.8	0.0
35°	227.5	178.6	133.3	89.2	50.2	19.4	0.0
32.5°	236.0	185.5	138.5	92.9	52.2	20.0	0.0
30°	244.1	192.0	143.3	96.3	54.1	20.5	0.0
27.5°	251.4	198.0	147.6	99.3	55.9	21.0	0.0
25°	258.1	203.5	151.6	102.1	57.5	21.5	0.0
22.5°	264.0	208.5	155.3	104.5	59.0	21.9	0.0
20°	269.2	212.8	158.7	106.7	60.3	22.3	0.0
17.5°	273.9	216.5	161.8	108.5	61.4	22.6	0.0
15°	278.2	219.6	164.4	110.0	62.5	22.9	0.0
12.5°	282.0	222.0	166.8	111.2	63.3	23.1	0.0
10°	285.1	223.9	168.7	112.1	64.0	23.3	0.0
7.5°	287.6	225.2	170.2	112.7	64.6	23.5	0.0
5°	289.4	225.8	171.3	113.0	65.0	23.6	0.0
2.5°	290.5	226.0	172.0	113.1	65.2	23.7	0.0
0°	290.9	225.6	172.2	112.8	65.3	23.7	0.0
-2.5°	290.5	226.0	172.0	113.1	65.2	23.7	0.0
-5°	289.4	225.8	171.3	113.0	65.0	23.6	0.0
-7.5°	287.6	225.2	170.2	112.7	64.6	23.5	0.0
-10°	285.1	223.9	168.7	112.1	64.0	23.3	0.0
-12.5°	282.0	222.0	166.8	111.2	63.3	23.1	0.0
-15°	278.2	219.6	164.4	110.0	62.5	22.9	0.0
-17.5°	273.9	216.5	161.8	108.5	61.4	22.6	0.0
-20°	269.2	212.8	158.7	106.7	60.3	22.3	0.0

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REPORT NUMBER: P627665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	264.0	208.5	155.3	104.5	59.0	21.9	0.0
-25°	258.1	203.5	151.6	102.1	57.5	21.5	0.0
-27.5°	251.4	198.0	147.6	99.3	55.9	21.0	0.0
-30°	244.1	192.0	143.3	96.3	54.1	20.5	0.0
-32.5°	236.0	185.5	138.5	92.9	52.2	20.0	0.0
-35°	227.5	178.6	133.3	89.2	50.2	19.4	0.0
-37.5°	218.6	171.3	127.8	85.3	48.1	18.8	0.0
-40°	209.1	163.9	121.8	81.0	45.8	18.2	0.0
-42.5°	199.0	156.1	115.6	76.5	43.4	17.5	0.0
-45°	188.5	147.8	109.2	71.6	40.9	16.8	0.0
-47.5°	177.5	139.1	102.4	66.6	38.3	16.0	0.0
-50°	166.4	129.9	95.4	62.2	35.5	15.2	0.0
-52.5°	154.8	120.3	88.1	57.9	32.7	14.4	0.0
-55°	142.7	110.8	80.6	53.5	29.8	13.6	0.0
-57.5°	130.2	101.1	72.9	49.0	26.8	12.7	0.0
-60°	117.3	91.2	65.0	44.4	23.7	11.8	0.0
-62.5°	105.1	81.0	58.6	39.6	21.9	10.9	0.0
-65°	92.6	70.6	52.1	34.7	20.0	10.0	0.0
-67.5°	79.9	61.2	45.5	29.7	18.1	9.1	0.0
-70°	67.0	52.7	38.8	24.7	16.2	8.1	0.0
-72.5°	56.4	44.2	31.9	21.3	14.2	7.1	0.0
-75°	46.0	35.5	25.0	18.4	12.3	6.1	0.0
-77.5°	35.5	26.8	20.4	15.3	10.2	5.1	0.0
-80°	25.0	20.4	16.4	12.3	8.2	4.1	0.0
-82.5°	18.4	15.3	12.3	9.3	6.2	3.1	0.0
-85°	12.3	10.2	8.2	6.2	4.1	2.1	0.0
-87.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)