

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-727-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N111
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

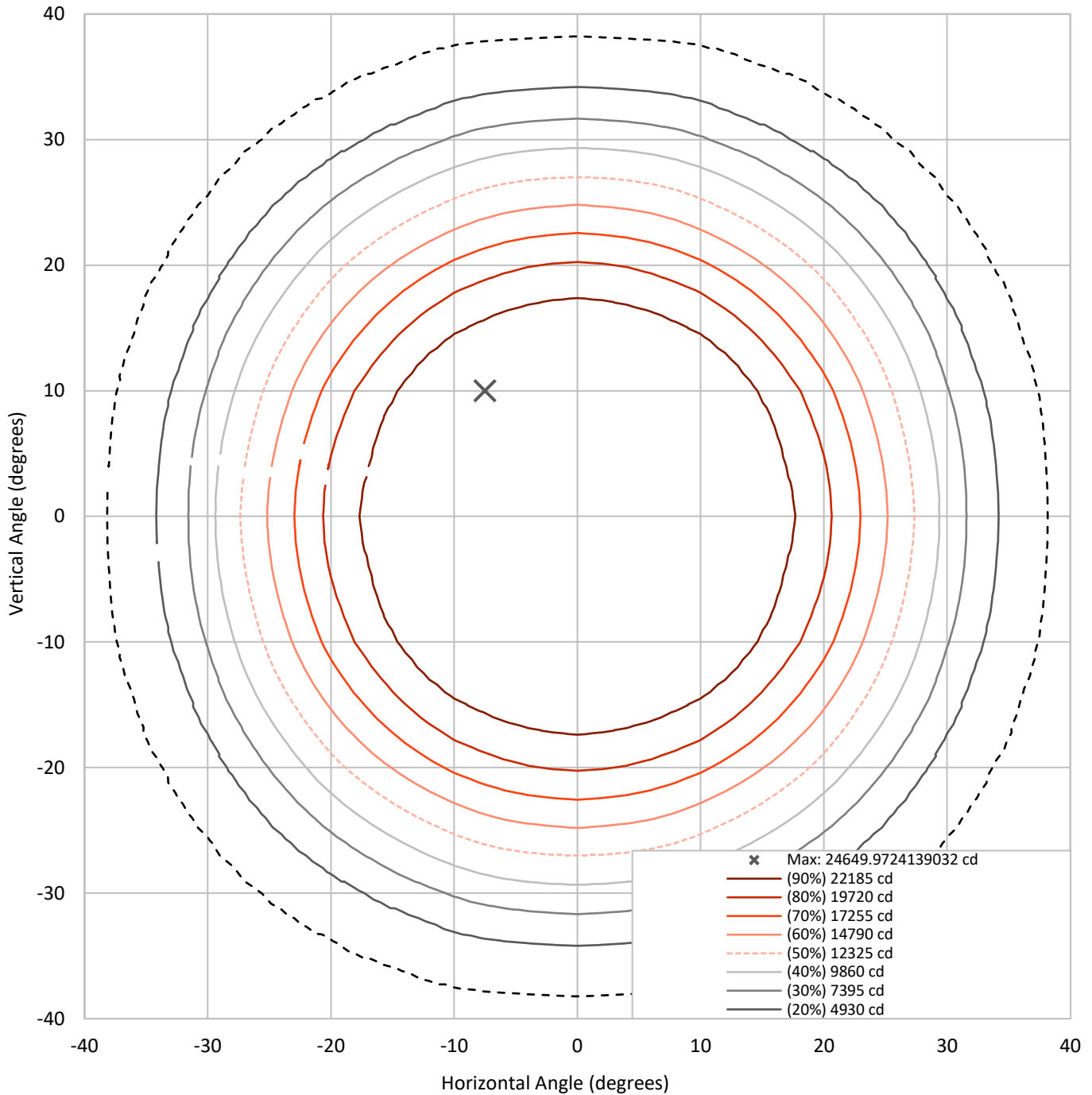
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20979.4 lumens	Max Intensity:	24650 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	132.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	13924.9 lumens	Field Lumens:	18106.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
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		



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





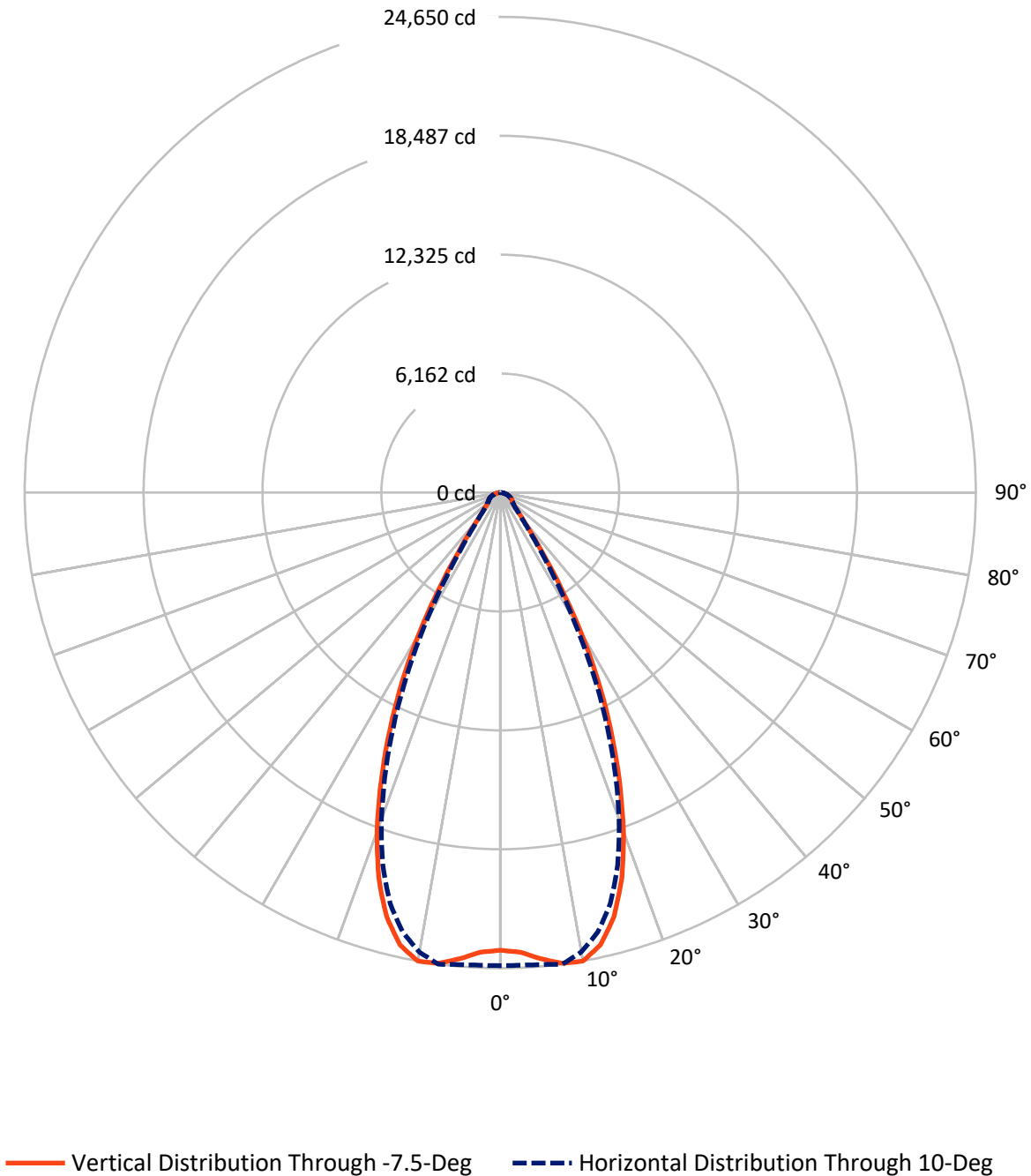
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Lumen Table

90																														
80	0.5	4.9				13.2				20.8				23.3				20.8				13.2				4.9				0.5
70																														
60	2.2	2.5	5.1	8.4	11.8	14.3	16.1	17.1	17.1	16.1	14.3	11.8	8.4	5.1	2.5	2.2														
		3.8	7.6	12.1	16.2	19.6	21.9	22.9	22.9	21.9	19.6	16.2	12.1	7.6	3.8															
50																														
40	3.9	4.9	9.6	14.7	19.7	25.6	32.2	37.0	37.0	32.2	25.6	19.7	14.7	9.6	4.9	3.9														
		5.8	11.1	16.9	26.1	47.7	91.3	135.3	135.3	91.3	47.7	26.1	16.9	11.1	5.8															
30																														
20	5.1	6.5	12.1	19.7	43.0	134.7	302.2	421.9	421.9	302.2	134.7	43.0	19.7	12.1	6.5	5.1														
		6.9	12.8	23.4	77.7	287.1	548.3	686.2	686.2	548.3	287.1	77.7	23.4	12.8	6.9															
10																														
0	5.5	7.1	13.1	26.4	111.8	392.9	665.2	723.7	723.7	665.2	392.9	111.8	26.4	13.1	7.1	5.5														
		7.1	13.1	26.4	111.8	392.9	665.2	723.7	723.7	665.2	392.9	111.8	26.4	13.1	7.1															
-10																														
-20	5.1	6.9	12.8	23.4	77.7	287.1	548.3	686.2	686.2	548.3	287.1	77.7	23.4	12.8	6.9	5.1														
		6.5	12.1	19.7	43.0	134.7	302.2	421.9	421.9	302.2	134.7	43.0	19.7	12.1	6.5															
-30																														
-40	3.9	5.8	11.1	16.9	26.1	47.7	91.3	135.3	135.3	91.3	47.7	26.1	16.9	11.1	5.8	3.9														
		4.9	9.6	14.7	19.7	25.6	32.2	37.0	37.0	32.2	25.6	19.7	14.7	9.6	4.9															
-50																														
-60	2.2	3.8	7.6	12.1	16.2	19.6	21.9	22.9	22.9	21.9	19.6	16.2	12.1	7.6	3.8	2.2														
		2.5	5.1	8.4	11.8	14.3	16.1	17.1	17.1	16.1	14.3	11.8	8.4	5.1	2.5															
-70																														
-80	0.5	4.9				13.2				20.8				23.3				20.8				13.2				4.9				0.5
-90																														
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90											

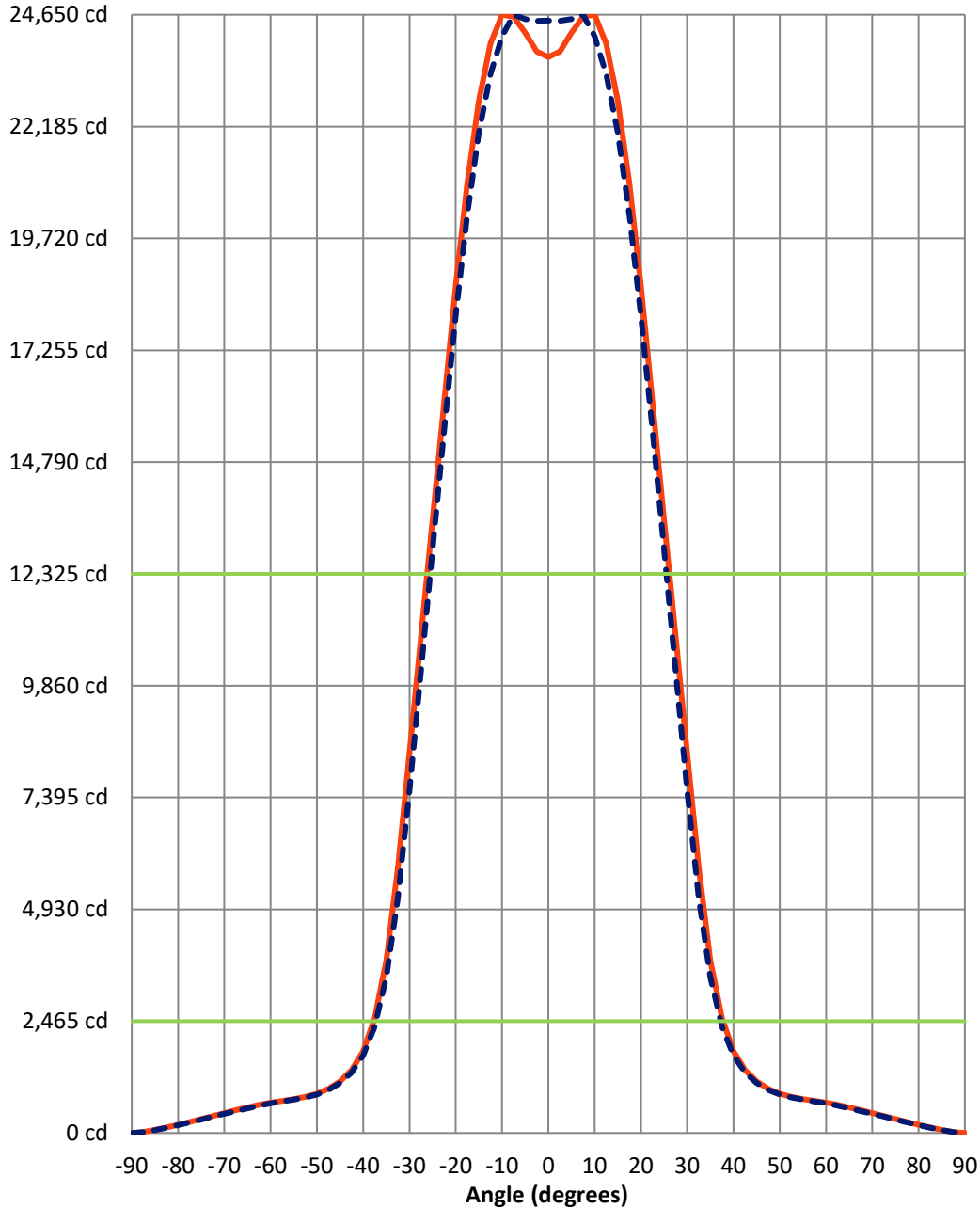
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 13924.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 18106.4
 Efficiency: 86.3%

Spill:
 Lumens: 2873.1
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.9	1.9	2.8	3.7	4.7	5.6	6.8	8.1	9.5	10.9
85°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.6	16.2	19.0	21.8
82.5°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	20.3	24.7	31.2	37.3
80°	0.0	3.7	7.5	11.2	14.9	18.6	23.0	31.7	40.1	47.9	55.3
77.5°	0.0	4.7	9.3	14.0	18.6	25.1	35.1	45.4	55.3	64.6	74.6
75°	0.0	5.6	11.2	16.7	23.0	35.1	47.0	59.0	70.8	84.4	97.7
72.5°	0.0	6.5	13.0	19.4	31.0	45.0	58.8	73.2	89.3	105.1	120.6
70°	0.0	7.4	14.8	22.7	38.8	54.7	70.8	89.3	107.5	125.6	144.5
67.5°	0.0	8.3	16.5	28.5	46.4	64.3	84.2	105.1	125.6	146.7	168.2
65°	0.0	9.1	18.2	34.2	54.0	74.4	97.4	120.6	143.8	167.4	192.5
62.5°	0.0	10.0	19.9	39.7	61.4	85.0	110.3	136.0	161.5	188.2	218.5
60°	0.0	10.8	21.6	45.1	68.6	95.4	122.8	150.9	178.8	210.8	243.8
57.5°	0.0	11.6	25.0	50.4	76.5	105.4	135.4	165.4	197.5	232.7	267.6
55°	0.0	12.4	28.4	55.6	84.2	115.1	147.7	179.7	216.2	253.8	290.5
52.5°	0.0	13.1	31.7	60.6	91.7	124.6	159.7	195.3	234.3	273.8	312.8
50°	0.0	13.9	34.8	65.5	98.8	134.4	171.5	210.5	251.6	293.2	334.3
47.5°	0.0	14.6	37.8	70.2	105.7	143.9	183.0	225.2	268.2	311.9	355.2
45°	0.0	15.3	40.7	75.1	112.3	153.1	194.9	239.2	284.2	329.9	375.2
42.5°	0.0	15.9	43.4	79.8	118.5	161.9	206.3	252.5	299.5	347.1	394.1
40°	0.0	16.5	46.0	84.2	124.9	170.4	217.1	265.0	314.0	363.5	412.3
37.5°	0.0	17.1	48.4	88.2	131.3	178.5	227.2	276.9	328.0	379.4	429.8
35°	0.0	17.7	50.7	92.0	137.4	186.4	236.8	288.0	341.4	394.3	446.1
32.5°	0.0	18.2	52.8	95.5	143.2	193.9	245.7	298.3	354.1	408.1	460.5
30°	0.0	18.7	54.7	98.8	148.6	200.8	253.9	308.0	366.1	420.8	473.9
27.5°	0.0	19.2	56.5	101.8	153.4	207.2	261.4	317.5	377.0	432.5	486.3
25°	0.0	19.6	58.1	104.6	157.7	213.0	268.3	326.4	386.4	442.7	497.6
22.5°	0.0	20.0	59.5	107.1	161.7	218.2	274.4	334.4	395.0	451.9	507.9
20°	0.0	20.3	60.8	109.3	165.2	222.5	279.8	341.7	402.5	460.0	517.0
17.5°	0.0	20.6	61.9	111.2	168.2	226.4	284.8	348.2	409.0	467.2	525.0
15°	0.0	20.9	62.8	112.9	170.8	229.7	289.2	354.0	414.6	473.3	531.9
12.5°	0.0	21.1	63.5	114.2	173.0	232.4	293.0	359.2	419.5	478.3	537.6
10°	0.0	21.3	64.1	115.3	174.7	234.5	296.2	363.4	423.8	483.1	542.4
7.5°	0.0	21.4	64.5	116.0	175.9	236.1	298.7	366.7	427.1	486.9	546.7
5°	0.0	21.5	64.7	116.5	176.7	237.1	300.5	369.1	429.5	489.6	549.7
2.5°	0.0	21.6	64.8	116.6	177.0	237.5	301.6	370.5	430.9	491.3	551.6
0°	0.0	21.6	64.7	116.5	176.9	237.3	302.0	371.0	431.4	491.8	552.2
-2.5°	0.0	21.6	64.8	116.6	177.0	237.5	301.6	370.5	430.9	491.3	551.6
-5°	0.0	21.5	64.7	116.5	176.7	237.1	300.5	369.1	429.5	489.6	549.7
-7.5°	0.0	21.4	64.5	116.0	175.9	236.1	298.7	366.7	427.1	486.9	546.7
-10°	0.0	21.3	64.1	115.3	174.7	234.5	296.2	363.4	423.8	483.1	542.4
-12.5°	0.0	21.1	63.5	114.2	173.0	232.4	293.0	359.2	419.5	478.3	537.6
-15°	0.0	20.9	62.8	112.9	170.8	229.7	289.2	354.0	414.6	473.3	531.9
-17.5°	0.0	20.6	61.9	111.2	168.2	226.4	284.8	348.2	409.0	467.2	525.0
-20°	0.0	20.3	60.8	109.3	165.2	222.5	279.8	341.7	402.5	460.0	517.0

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Scaled Data Report



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.0	59.5	107.1	161.7	218.2	274.4	334.4	395.0	451.9	507.9
-25°	0.0	19.6	58.1	104.6	157.7	213.0	268.3	326.4	386.4	442.7	497.6
-27.5°	0.0	19.2	56.5	101.8	153.4	207.2	261.4	317.5	377.0	432.5	486.3
-30°	0.0	18.7	54.7	98.8	148.6	200.8	253.9	308.0	366.1	420.8	473.9
-32.5°	0.0	18.2	52.8	95.5	143.2	193.9	245.7	298.3	354.1	408.1	460.5
-35°	0.0	17.7	50.7	92.0	137.4	186.4	236.8	288.0	341.4	394.3	446.1
-37.5°	0.0	17.1	48.4	88.2	131.3	178.5	227.2	276.9	328.0	379.4	429.8
-40°	0.0	16.5	46.0	84.2	124.9	170.4	217.1	265.0	314.0	363.5	412.3
-42.5°	0.0	15.9	43.4	79.8	118.5	161.9	206.3	252.5	299.5	347.1	394.1
-45°	0.0	15.3	40.7	75.1	112.3	153.1	194.9	239.2	284.2	329.9	375.2
-47.5°	0.0	14.6	37.8	70.2	105.7	143.9	183.0	225.2	268.2	311.9	355.2
-50°	0.0	13.9	34.8	65.5	98.8	134.4	171.5	210.5	251.6	293.2	334.3
-52.5°	0.0	13.1	31.7	60.6	91.7	124.6	159.7	195.3	234.3	273.8	312.8
-55°	0.0	12.4	28.4	55.6	84.2	115.1	147.7	179.7	216.2	253.8	290.5
-57.5°	0.0	11.6	25.0	50.4	76.5	105.4	135.4	165.4	197.5	232.7	267.6
-60°	0.0	10.8	21.6	45.1	68.6	95.4	122.8	150.9	178.8	210.8	243.8
-62.5°	0.0	10.0	19.9	39.7	61.4	85.0	110.3	136.0	161.5	188.2	218.5
-65°	0.0	9.1	18.2	34.2	54.0	74.4	97.4	120.6	143.8	167.4	192.5
-67.5°	0.0	8.3	16.5	28.5	46.4	64.3	84.2	105.1	125.6	146.7	168.2
-70°	0.0	7.4	14.8	22.7	38.8	54.7	70.8	89.3	107.5	125.6	144.5
-72.5°	0.0	6.5	13.0	19.4	31.0	45.0	58.8	73.2	89.3	105.1	120.6
-75°	0.0	5.6	11.2	16.7	23.0	35.1	47.0	59.0	70.8	84.4	97.7
-77.5°	0.0	4.7	9.3	14.0	18.6	25.1	35.1	45.4	55.3	64.6	74.6
-80°	0.0	3.7	7.5	11.2	14.9	18.6	23.0	31.7	40.1	47.9	55.3
-82.5°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	20.3	24.7	31.2	37.3
-85°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.6	16.2	19.0	21.8
-87.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.8	8.1	9.5	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	12.0	12.9	13.9	14.9	15.8	16.6	17.5	18.3	19.1	19.8	20.5
85°	23.9	25.9	29.3	32.8	36.2	39.4	42.5	45.5	48.4	51.1	53.7
82.5°	42.7	48.3	54.0	59.8	64.9	69.8	74.5	79.4	84.3	89.2	94.0
80°	62.9	70.6	79.6	88.0	95.4	102.5	109.3	115.8	122.9	130.5	138.3
77.5°	86.1	97.2	107.6	117.4	126.8	137.1	147.0	156.6	166.5	176.3	185.7
75°	111.0	123.7	137.0	150.2	162.9	175.3	187.3	199.6	212.0	224.4	236.2
72.5°	136.7	152.8	168.5	183.9	199.7	215.1	230.1	244.4	259.2	274.3	288.8
70°	163.4	181.8	201.2	219.9	237.7	255.7	273.9	291.5	308.6	326.1	343.5
67.5°	190.4	213.4	235.2	256.0	277.0	298.2	318.7	339.7	360.1	380.5	400.0
65°	220.0	245.2	269.1	292.8	316.7	341.6	365.9	389.3	412.9	435.6	456.1
62.5°	249.1	275.9	302.3	329.3	357.8	385.7	412.2	439.1	466.4	490.3	511.1
60°	275.8	305.5	335.1	365.9	397.4	427.5	457.1	486.4	515.8	543.3	560.2
57.5°	301.6	334.5	367.3	400.5	433.6	467.2	498.4	530.5	557.8	580.9	600.6
55°	326.8	362.5	397.4	432.2	468.0	503.0	537.0	567.5	594.2	613.5	632.5
52.5°	351.3	388.9	424.9	462.6	500.6	537.8	573.3	601.6	623.5	643.3	661.0
50°	375.0	413.3	451.3	492.2	532.3	571.7	605.0	629.8	652.1	671.3	689.9
47.5°	397.3	437.2	477.8	520.7	563.0	601.1	631.7	657.6	680.4	701.1	723.0
45°	418.7	461.0	504.0	548.3	591.5	628.3	657.8	685.7	707.0	730.4	755.6
42.5°	439.5	483.9	529.0	574.8	618.4	652.7	682.2	707.8	732.8	760.6	791.0
40°	459.2	505.5	552.6	600.2	643.7	674.1	703.0	730.1	760.6	793.5	828.7
37.5°	477.8	525.9	574.7	624.2	662.3	693.6	723.2	753.5	788.9	827.1	874.8
35°	495.1	544.8	595.2	642.7	679.0	712.2	742.9	776.6	817.9	867.8	929.0
32.5°	511.1	562.3	614.2	657.8	694.4	728.9	760.4	802.5	852.1	911.5	998.2
30°	525.9	578.3	630.4	672.5	708.2	742.9	781.3	828.6	886.7	973.4	1084.3
27.5°	539.7	592.8	643.1	684.8	720.6	756.4	801.2	858.7	935.2	1038.6	1176.4
25°	552.3	606.7	655.3	695.1	732.1	771.8	820.5	885.1	985.7	1119.2	1305.5
22.5°	563.7	619.3	666.9	704.0	742.9	785.9	842.7	923.6	1039.5	1195.3	1435.7
20°	573.9	628.8	675.7	712.5	752.8	797.5	862.5	960.0	1099.7	1301.7	1608.4
17.5°	582.8	637.1	682.2	720.6	762.5	810.8	881.8	991.5	1153.3	1394.4	1783.1
15°	590.5	644.1	687.8	727.5	771.0	825.9	908.6	1032.8	1215.5	1490.8	1935.3
12.5°	596.8	650.0	692.3	733.1	777.9	838.5	931.5	1071.7	1280.1	1609.4	2159.6
10°	601.8	654.6	695.7	737.5	783.4	848.6	950.1	1103.5	1333.6	1712.0	2350.9
7.5°	606.4	657.9	698.1	740.6	787.3	856.2	964.3	1128.0	1374.7	1792.6	2502.3
5°	609.9	660.0	699.5	742.4	790.6	861.1	973.9	1145.0	1403.0	1850.2	2608.8
2.5°	611.9	660.6	699.7	742.8	793.0	863.3	978.9	1154.4	1425.3	1877.5	2666.0
0°	612.6	660.0	698.9	742.0	793.8	862.8	979.3	1156.1	1436.5	1876.6	2674.6
-2.5°	611.9	660.6	699.7	742.8	793.0	863.3	978.9	1154.4	1425.3	1877.5	2666.0
-5°	609.9	660.0	699.5	742.4	790.6	861.1	973.9	1145.0	1403.0	1850.2	2608.8
-7.5°	606.4	657.9	698.1	740.6	787.3	856.2	964.3	1128.0	1374.7	1792.6	2502.3
-10°	601.8	654.6	695.7	737.5	783.4	848.6	950.1	1103.5	1333.6	1712.0	2350.9
-12.5°	596.8	650.0	692.3	733.1	777.9	838.5	931.5	1071.7	1280.1	1609.4	2159.6
-15°	590.5	644.1	687.8	727.5	771.0	825.9	908.6	1032.8	1215.5	1490.8	1935.3
-17.5°	582.8	637.1	682.2	720.6	762.5	810.8	881.8	991.5	1153.3	1394.4	1783.1
-20°	573.9	628.8	675.7	712.5	752.8	797.5	862.5	960.0	1099.7	1301.7	1608.4

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	563.7	619.3	666.9	704.0	742.9	785.9	842.7	923.6	1039.5	1195.3	1435.7
-25°	552.3	606.7	655.3	695.1	732.1	771.8	820.5	885.1	985.7	1119.2	1305.5
-27.5°	539.7	592.8	643.1	684.8	720.6	756.4	801.2	858.7	935.2	1038.6	1176.4
-30°	525.9	578.3	630.4	672.5	708.2	742.9	781.3	828.6	886.7	973.4	1084.3
-32.5°	511.1	562.3	614.2	657.8	694.4	728.9	760.4	802.5	852.1	911.5	998.2
-35°	495.1	544.8	595.2	642.7	679.0	712.2	742.9	776.6	817.9	867.8	929.0
-37.5°	477.8	525.9	574.7	624.2	662.3	693.6	723.2	753.5	788.9	827.1	874.8
-40°	459.2	505.5	552.6	600.2	643.7	674.1	703.0	730.1	760.6	793.5	828.7
-42.5°	439.5	483.9	529.0	574.8	618.4	652.7	682.2	707.8	732.8	760.6	791.0
-45°	418.7	461.0	504.0	548.3	591.5	628.3	657.8	685.7	707.0	730.4	755.6
-47.5°	397.3	437.2	477.8	520.7	563.0	601.1	631.7	657.6	680.4	701.1	723.0
-50°	375.0	413.3	451.3	492.2	532.3	571.7	605.0	629.8	652.1	671.3	689.9
-52.5°	351.3	388.9	424.9	462.6	500.6	537.8	573.3	601.6	623.5	643.3	661.0
-55°	326.8	362.5	397.4	432.2	468.0	503.0	537.0	567.5	594.2	613.5	632.5
-57.5°	301.6	334.5	367.3	400.5	433.6	467.2	498.4	530.5	557.8	580.9	600.6
-60°	275.8	305.5	335.1	365.9	397.4	427.5	457.1	486.4	515.8	543.3	560.2
-62.5°	249.1	275.9	302.3	329.3	357.8	385.7	412.2	439.1	466.4	490.3	511.1
-65°	220.0	245.2	269.1	292.8	316.7	341.6	365.9	389.3	412.9	435.6	456.1
-67.5°	190.4	213.4	235.2	256.0	277.0	298.2	318.7	339.7	360.1	380.5	400.0
-70°	163.4	181.8	201.2	219.9	237.7	255.7	273.9	291.5	308.6	326.1	343.5
-72.5°	136.7	152.8	168.5	183.9	199.7	215.1	230.1	244.4	259.2	274.3	288.8
-75°	111.0	123.7	137.0	150.2	162.9	175.3	187.3	199.6	212.0	224.4	236.2
-77.5°	86.1	97.2	107.6	117.4	126.8	137.1	147.0	156.6	166.5	176.3	185.7
-80°	62.9	70.6	79.6	88.0	95.4	102.5	109.3	115.8	122.9	130.5	138.3
-82.5°	42.7	48.3	54.0	59.8	64.9	69.8	74.5	79.4	84.3	89.2	94.0
-85°	23.9	25.9	29.3	32.8	36.2	39.4	42.5	45.5	48.4	51.1	53.7
-87.5°	12.0	12.9	13.9	14.9	15.8	16.6	17.5	18.3	19.1	19.8	20.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-MWR-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°	21.2	20.9	20.6	20.1	19.6	20.9	22.3	23.7	25.0	24.2	23.4
85°	56.1	57.4	58.5	59.4	60.1	62.8	65.4	67.8	70.0	70.0	69.7
82.5°	98.8	101.9	104.7	107.2	109.3	112.5	115.3	117.7	119.8	121.3	122.6
80°	145.6	150.8	155.2	159.2	162.8	166.9	170.8	174.2	177.2	178.8	179.8
77.5°	195.0	202.6	209.3	215.7	221.8	227.9	233.4	238.3	242.6	243.6	243.3
75°	247.4	257.5	267.0	275.8	283.9	290.9	296.8	301.8	305.8	307.9	309.0
72.5°	302.5	315.0	326.2	336.3	344.9	352.1	358.4	363.7	368.3	371.2	372.9
70°	360.1	374.8	386.3	395.8	403.2	410.4	418.4	426.0	433.2	437.3	438.8
67.5°	417.8	433.0	443.6	452.2	459.0	466.0	476.1	485.3	493.4	498.9	502.3
65°	474.2	490.3	500.9	509.1	515.3	522.4	533.8	542.8	549.7	555.1	560.0
62.5°	530.0	546.2	558.0	567.8	576.9	584.7	593.9	601.5	607.4	612.8	618.9
60°	578.3	597.6	609.9	619.9	631.1	643.3	650.1	655.8	660.7	665.0	668.8
57.5°	617.8	635.0	650.8	662.8	674.5	685.7	693.8	699.2	703.5	706.7	708.0
55°	650.9	668.6	686.3	699.3	710.8	721.3	730.2	737.1	742.9	747.4	748.5
52.5°	680.5	700.4	717.8	732.8	747.9	760.3	770.1	779.5	787.8	794.4	797.3
50°	712.7	733.5	755.2	775.2	791.4	805.6	817.4	830.8	844.9	856.5	863.8
47.5°	746.5	770.6	796.7	821.4	840.6	861.6	881.2	901.1	927.2	949.2	965.5
45°	782.0	812.8	842.7	874.1	900.5	940.2	977.0	1008.6	1050.5	1088.6	1118.9
42.5°	823.8	862.2	898.8	949.1	1001.8	1055.9	1114.4	1164.3	1230.0	1296.8	1350.7
40°	873.4	922.4	987.0	1054.5	1137.7	1212.1	1313.1	1403.0	1503.7	1631.1	1736.3
37.5°	933.0	1008.6	1098.4	1192.6	1322.2	1446.0	1612.9	1788.8	1948.4	2193.4	2399.5
35°	1010.6	1116.2	1234.5	1401.1	1584.6	1816.7	2077.0	2416.7	2708.0	3121.3	3516.1
32.5°	1110.4	1246.3	1439.4	1696.6	1967.8	2389.1	2802.2	3392.1	3938.2	4593.2	5300.0
30°	1221.6	1428.4	1723.4	2076.1	2582.0	3201.8	3930.1	4836.0	5827.4	6748.0	7655.1
27.5°	1382.7	1678.9	2066.5	2635.7	3424.1	4291.3	5567.3	6797.0	8080.0	9220.5	10171.7
25°	1570.7	1962.2	2561.5	3399.7	4465.9	5950.9	7478.3	8996.0	10375.8	11569.8	12620.7
22.5°	1813.5	2376.6	3175.6	4261.2	5921.6	7701.4	9492.4	11166.5	12638.4	13967.9	15105.5
20°	2077.6	2782.3	3923.2	5542.2	7440.8	9468.6	11490.9	13274.2	14894.8	16402.3	17684.5
17.5°	2412.4	3399.3	4844.0	6786.2	8981.3	11203.0	13327.6	15262.8	17101.4	18696.6	20036.3
15°	2697.7	3942.6	5828.3	8106.0	10480.3	12823.9	15066.9	17168.9	19080.5	20717.2	21976.7
12.5°	3078.3	4551.6	6702.0	9240.5	11813.5	14279.5	16642.1	18814.6	20760.0	22378.7	23359.1
10°	3438.0	5182.0	7546.6	10193.9	12867.0	15494.5	18017.0	20245.2	22051.3	23339.0	24174.5
7.5°	3743.8	5723.9	8233.6	10964.5	13704.1	16451.0	19004.5	21172.5	22837.8	23913.2	24494.9
5°	3972.2	6128.9	8743.5	11590.7	14401.9	17197.1	19730.6	21765.8	23205.2	24004.0	24296.1
2.5°	4117.7	6366.8	9039.5	12001.5	14868.8	17669.1	20228.6	22232.0	23453.1	23982.6	24033.0
0°	4175.9	6397.5	9085.1	12217.0	14986.6	17803.6	20370.3	22423.8	23545.4	23981.1	23972.5
-2.5°	4117.7	6366.8	9039.5	12001.5	14868.8	17669.1	20228.6	22232.0	23453.1	23982.6	24033.0
-5°	3972.2	6128.9	8743.5	11590.7	14401.9	17197.1	19730.6	21765.8	23205.2	24004.0	24296.1
-7.5°	3743.8	5723.9	8233.6	10964.5	13704.1	16451.0	19004.5	21172.5	22837.8	23913.2	24494.9
-10°	3438.0	5182.0	7546.6	10193.9	12867.0	15494.5	18017.0	20245.2	22051.3	23339.0	24174.5
-12.5°	3078.3	4551.6	6702.0	9240.5	11813.5	14279.5	16642.1	18814.6	20760.0	22378.7	23359.1
-15°	2697.7	3942.6	5828.3	8106.0	10480.3	12823.9	15066.9	17168.9	19080.5	20717.2	21976.7
-17.5°	2412.4	3399.3	4844.0	6786.2	8981.3	11203.0	13327.6	15262.8	17101.4	18696.6	20036.3
-20°	2077.6	2782.3	3923.2	5542.2	7440.8	9468.6	11490.9	13274.2	14894.8	16402.3	17684.5

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Scaled Data Report



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1813.5	2376.6	3175.6	4261.2	5921.6	7701.4	9492.4	11166.5	12638.4	13967.9	15105.5
-25°	1570.7	1962.2	2561.5	3399.7	4465.9	5950.9	7478.3	8996.0	10375.8	11569.8	12620.7
-27.5°	1382.7	1678.9	2066.5	2635.7	3424.1	4291.3	5567.3	6797.0	8080.0	9220.5	10171.7
-30°	1221.6	1428.4	1723.4	2076.1	2582.0	3201.8	3930.1	4836.0	5827.4	6748.0	7655.1
-32.5°	1110.4	1246.3	1439.4	1696.6	1967.8	2389.1	2802.2	3392.1	3938.2	4593.2	5300.0
-35°	1010.6	1116.2	1234.5	1401.1	1584.6	1816.7	2077.0	2416.7	2708.0	3121.3	3516.1
-37.5°	933.0	1008.6	1098.4	1192.6	1322.2	1446.0	1612.9	1788.8	1948.4	2193.4	2399.5
-40°	873.4	922.4	987.0	1054.5	1137.7	1212.1	1313.1	1403.0	1503.7	1631.1	1736.3
-42.5°	823.8	862.2	898.8	949.1	1001.8	1055.9	1114.4	1164.3	1230.0	1296.8	1350.7
-45°	782.0	812.8	842.7	874.1	900.5	940.2	977.0	1008.6	1050.5	1088.6	1118.9
-47.5°	746.5	770.6	796.7	821.4	840.6	861.6	881.2	901.1	927.2	949.2	965.5
-50°	712.7	733.5	755.2	775.2	791.4	805.6	817.4	830.8	844.9	856.5	863.8
-52.5°	680.5	700.4	717.8	732.8	747.9	760.3	770.1	779.5	787.8	794.4	797.3
-55°	650.9	668.6	686.3	699.3	710.8	721.3	730.2	737.1	742.9	747.4	748.5
-57.5°	617.8	635.0	650.8	662.8	674.5	685.7	693.8	699.2	703.5	706.7	708.0
-60°	578.3	597.6	609.9	619.9	631.1	643.3	650.1	655.8	660.7	665.0	668.8
-62.5°	530.0	546.2	558.0	567.8	576.9	584.7	593.9	601.5	607.4	612.8	618.9
-65°	474.2	490.3	500.9	509.1	515.3	522.4	533.8	542.8	549.7	555.1	560.0
-67.5°	417.8	433.0	443.6	452.2	459.0	466.0	476.1	485.3	493.4	498.9	502.3
-70°	360.1	374.8	386.3	395.8	403.2	410.4	418.4	426.0	433.2	437.3	438.8
-72.5°	302.5	315.0	326.2	336.3	344.9	352.1	358.4	363.7	368.3	371.2	372.9
-75°	247.4	257.5	267.0	275.8	283.9	290.9	296.8	301.8	305.8	307.9	309.0
-77.5°	195.0	202.6	209.3	215.7	221.8	227.9	233.4	238.3	242.6	243.6	243.3
-80°	145.6	150.8	155.2	159.2	162.8	166.9	170.8	174.2	177.2	178.8	179.8
-82.5°	98.8	101.9	104.7	107.2	109.3	112.5	115.3	117.7	119.8	121.3	122.6
-85°	56.1	57.4	58.5	59.4	60.1	62.8	65.4	67.8	70.0	70.0	69.7
-87.5°	21.2	20.9	20.6	20.1	19.6	20.9	22.3	23.7	25.0	24.2	23.4
-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: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-MWR-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°	22.5	21.5	21.6	21.6	21.6	21.5	22.5	23.4	24.2	25.0	23.7
85°	69.3	68.6	66.8	64.7	66.8	68.6	69.3	69.7	70.0	70.0	67.8
82.5°	123.7	124.5	122.8	120.8	122.8	124.5	123.7	122.6	121.3	119.8	117.7
80°	180.3	180.4	178.9	176.9	178.9	180.4	180.3	179.8	178.8	177.2	174.2
77.5°	242.3	240.6	241.3	241.6	241.3	240.6	242.3	243.3	243.6	242.6	238.3
75°	309.4	309.1	308.1	306.3	308.1	309.1	309.4	309.0	307.9	305.8	301.8
72.5°	373.8	373.7	372.8	371.0	372.8	373.7	373.8	372.9	371.2	368.3	363.7
70°	439.2	438.4	439.5	440.0	439.5	438.4	439.2	438.8	437.3	433.2	426.0
67.5°	505.0	506.7	506.4	504.7	506.4	506.7	505.0	502.3	498.9	493.4	485.3
65°	564.0	567.0	568.8	569.4	568.8	567.0	564.0	560.0	555.1	549.7	542.8
62.5°	623.6	627.1	627.3	625.5	627.3	627.1	623.6	618.9	612.8	607.4	601.5
60°	670.9	671.5	670.6	668.7	670.6	671.5	670.9	668.8	665.0	660.7	655.8
57.5°	708.0	706.8	705.3	703.2	705.3	706.8	708.0	708.0	706.7	703.5	699.2
55°	747.9	745.8	744.0	742.0	744.0	745.8	747.9	748.5	747.4	742.9	737.1
52.5°	797.9	796.9	795.6	793.8	795.6	796.9	797.9	797.3	794.4	787.8	779.5
50°	867.6	868.7	868.6	867.1	868.6	868.7	867.6	863.8	856.5	844.9	830.8
47.5°	975.9	981.6	985.5	987.9	985.5	981.6	975.9	965.5	949.2	927.2	901.1
45°	1138.2	1149.7	1157.9	1164.8	1157.9	1149.7	1138.2	1118.9	1088.6	1050.5	1008.6
42.5°	1388.7	1414.5	1426.7	1423.6	1426.7	1414.5	1388.7	1350.7	1296.8	1230.0	1164.3
40°	1806.4	1848.1	1871.1	1889.5	1871.1	1848.1	1806.4	1736.3	1631.1	1503.7	1403.0
37.5°	2540.2	2621.0	2663.6	2700.5	2663.6	2621.0	2540.2	2399.5	2193.4	1948.4	1788.8
35°	3811.2	3993.0	4090.3	4124.1	4090.3	3993.0	3811.2	3516.1	3121.3	2708.0	2416.7
32.5°	5850.0	6185.3	6370.8	6514.0	6370.8	6185.3	5850.0	5300.0	4593.2	3938.2	3392.1
30°	8373.4	8815.0	9060.3	9180.0	9060.3	8815.0	8373.4	7655.1	6748.0	5827.4	4836.0
27.5°	10960.1	11462.1	11726.6	11712.3	11726.6	11462.1	10960.1	10171.7	9220.5	8080.0	6797.0
25°	13521.7	14103.3	14366.8	14602.6	14366.8	14103.3	13521.7	12620.7	11569.8	10375.8	8996.0
22.5°	16112.6	16792.6	17163.6	17337.6	17163.6	16792.6	16112.6	15105.5	13967.9	12638.4	11166.5
20°	18672.6	19429.6	19823.5	19995.0	19823.5	19429.6	18672.6	17684.5	16402.3	14894.8	13274.2
17.5°	20943.1	21682.1	22057.6	22216.7	22057.6	21682.1	20943.1	20036.3	18696.6	17101.4	15262.8
15°	22756.0	23301.1	23620.4	23705.0	23620.4	23301.1	22756.0	21976.7	20717.2	19080.5	17168.9
12.5°	24009.3	24220.4	24373.9	24421.1	24373.9	24220.4	24009.3	23359.1	22378.7	20760.0	18814.6
10°	24650.0	24554.7	24515.3	24520.3	24515.3	24554.7	24650.0	24174.5	23339.0	22051.3	20245.2
7.5°	24605.9	24464.8	24181.5	24136.4	24181.5	24464.8	24605.9	24494.9	23913.2	22837.8	21172.5
5°	24252.4	23995.6	23525.3	23390.1	23525.3	23995.6	24252.4	24296.1	24004.0	23205.2	21765.8
2.5°	23840.4	23377.4	22944.1	22665.3	22944.1	23377.4	23840.4	24033.0	23982.6	23453.1	22232.0
0°	23717.9	23183.0	22622.2	22441.0	22622.2	23183.0	23717.9	23972.5	23981.1	23545.4	22423.8
-2.5°	23840.4	23377.4	22944.1	22665.3	22944.1	23377.4	23840.4	24033.0	23982.6	23453.1	22232.0
-5°	24252.4	23995.6	23525.3	23390.1	23525.3	23995.6	24252.4	24296.1	24004.0	23205.2	21765.8
-7.5°	24605.9	24464.8	24181.5	24136.4	24181.5	24464.8	24605.9	24494.9	23913.2	22837.8	21172.5
-10°	24650.0	24554.7	24515.3	24520.3	24515.3	24554.7	24650.0	24174.5	23339.0	22051.3	20245.2
-12.5°	24009.3	24220.4	24373.9	24421.1	24373.9	24220.4	24009.3	23359.1	22378.7	20760.0	18814.6
-15°	22756.0	23301.1	23620.4	23705.0	23620.4	23301.1	22756.0	21976.7	20717.2	19080.5	17168.9
-17.5°	20943.1	21682.1	22057.6	22216.7	22057.6	21682.1	20943.1	20036.3	18696.6	17101.4	15262.8
-20°	18672.6	19429.6	19823.5	19995.0	19823.5	19429.6	18672.6	17684.5	16402.3	14894.8	13274.2



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16112.6	16792.6	17163.6	17337.6	17163.6	16792.6	16112.6	15105.5	13967.9	12638.4	11166.5
-25°	13521.7	14103.3	14366.8	14602.6	14366.8	14103.3	13521.7	12620.7	11569.8	10375.8	8996.0
-27.5°	10960.1	11462.1	11726.6	11712.3	11726.6	11462.1	10960.1	10171.7	9220.5	8080.0	6797.0
-30°	8373.4	8815.0	9060.3	9180.0	9060.3	8815.0	8373.4	7655.1	6748.0	5827.4	4836.0
-32.5°	5850.0	6185.3	6370.8	6514.0	6370.8	6185.3	5850.0	5300.0	4593.2	3938.2	3392.1
-35°	3811.2	3993.0	4090.3	4124.1	4090.3	3993.0	3811.2	3516.1	3121.3	2708.0	2416.7
-37.5°	2540.2	2621.0	2663.6	2700.5	2663.6	2621.0	2540.2	2399.5	2193.4	1948.4	1788.8
-40°	1806.4	1848.1	1871.1	1889.5	1871.1	1848.1	1806.4	1736.3	1631.1	1503.7	1403.0
-42.5°	1388.7	1414.5	1426.7	1423.6	1426.7	1414.5	1388.7	1350.7	1296.8	1230.0	1164.3
-45°	1138.2	1149.7	1157.9	1164.8	1157.9	1149.7	1138.2	1118.9	1088.6	1050.5	1008.6
-47.5°	975.9	981.6	985.5	987.9	985.5	981.6	975.9	965.5	949.2	927.2	901.1
-50°	867.6	868.7	868.6	867.1	868.6	868.7	867.6	863.8	856.5	844.9	830.8
-52.5°	797.9	796.9	795.6	793.8	795.6	796.9	797.9	797.3	794.4	787.8	779.5
-55°	747.9	745.8	744.0	742.0	744.0	745.8	747.9	748.5	747.4	742.9	737.1
-57.5°	708.0	706.8	705.3	703.2	705.3	706.8	708.0	708.0	706.7	703.5	699.2
-60°	670.9	671.5	670.6	668.7	670.6	671.5	670.9	668.8	665.0	660.7	655.8
-62.5°	623.6	627.1	627.3	625.5	627.3	627.1	623.6	618.9	612.8	607.4	601.5
-65°	564.0	567.0	568.8	569.4	568.8	567.0	564.0	560.0	555.1	549.7	542.8
-67.5°	505.0	506.7	506.4	504.7	506.4	506.7	505.0	502.3	498.9	493.4	485.3
-70°	439.2	438.4	439.5	440.0	439.5	438.4	439.2	438.8	437.3	433.2	426.0
-72.5°	373.8	373.7	372.8	371.0	372.8	373.7	373.8	372.9	371.2	368.3	363.7
-75°	309.4	309.1	308.1	306.3	308.1	309.1	309.4	309.0	307.9	305.8	301.8
-77.5°	242.3	240.6	241.3	241.6	241.3	240.6	242.3	243.3	243.6	242.6	238.3
-80°	180.3	180.4	178.9	176.9	178.9	180.4	180.3	179.8	178.8	177.2	174.2
-82.5°	123.7	124.5	122.8	120.8	122.8	124.5	123.7	122.6	121.3	119.8	117.7
-85°	69.3	68.6	66.8	64.7	66.8	68.6	69.3	69.7	70.0	70.0	67.8
-87.5°	22.5	21.5	21.6	21.6	21.6	21.5	22.5	23.4	24.2	25.0	23.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-MWR-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	20.9	19.6	20.1	20.6	20.9	21.2	20.5	19.8	19.1	18.3
85°	65.4	62.8	60.1	59.4	58.5	57.4	56.1	53.7	51.1	48.4	45.5
82.5°	115.3	112.5	109.3	107.2	104.7	101.9	98.8	94.0	89.2	84.3	79.4
80°	170.8	166.9	162.8	159.2	155.2	150.8	145.6	138.3	130.5	122.9	115.8
77.5°	233.4	227.9	221.8	215.7	209.3	202.6	195.0	185.7	176.3	166.5	156.6
75°	296.8	290.9	283.9	275.8	267.0	257.5	247.4	236.2	224.4	212.0	199.6
72.5°	358.4	352.1	344.9	336.3	326.2	315.0	302.5	288.8	274.3	259.2	244.4
70°	418.4	410.4	403.2	395.8	386.3	374.8	360.1	343.5	326.1	308.6	291.5
67.5°	476.1	466.0	459.0	452.2	443.6	433.0	417.8	400.0	380.5	360.1	339.7
65°	533.8	522.4	515.3	509.1	500.9	490.3	474.2	456.1	435.6	412.9	389.3
62.5°	593.9	584.7	576.9	567.8	558.0	546.2	530.0	511.1	490.3	466.4	439.1
60°	650.1	643.3	631.1	619.9	609.9	597.6	578.3	560.2	543.3	515.8	486.4
57.5°	693.8	685.7	674.5	662.8	650.8	635.0	617.8	600.6	580.9	557.8	530.5
55°	730.2	721.3	710.8	699.3	686.3	668.6	650.9	632.5	613.5	594.2	567.5
52.5°	770.1	760.3	747.9	732.8	717.8	700.4	680.5	661.0	643.3	623.5	601.6
50°	817.4	805.6	791.4	775.2	755.2	733.5	712.7	689.9	671.3	652.1	629.8
47.5°	881.2	861.6	840.6	821.4	796.7	770.6	746.5	723.0	701.1	680.4	657.6
45°	977.0	940.2	900.5	874.1	842.7	812.8	782.0	755.6	730.4	707.0	685.7
42.5°	1114.4	1055.9	1001.8	949.1	898.8	862.2	823.8	791.0	760.6	732.8	707.8
40°	1313.1	1212.1	1137.7	1054.5	987.0	922.4	873.4	828.7	793.5	760.6	730.1
37.5°	1612.9	1446.0	1322.2	1192.6	1098.4	1008.6	933.0	874.8	827.1	788.9	753.5
35°	2077.0	1816.7	1584.6	1401.1	1234.5	1116.2	1010.6	929.0	867.8	817.9	776.6
32.5°	2802.2	2389.1	1967.8	1696.6	1439.4	1246.3	1110.4	998.2	911.5	852.1	802.5
30°	3930.1	3201.8	2582.0	2076.1	1723.4	1428.4	1221.6	1084.3	973.4	886.7	828.6
27.5°	5567.3	4291.3	3424.1	2635.7	2066.5	1678.9	1382.7	1176.4	1038.6	935.2	858.7
25°	7478.3	5950.9	4465.9	3399.7	2561.5	1962.2	1570.7	1305.5	1119.2	985.7	885.1
22.5°	9492.4	7701.4	5921.6	4261.2	3175.6	2376.6	1813.5	1435.7	1195.3	1039.5	923.6
20°	11490.9	9468.6	7440.8	5542.2	3923.2	2782.3	2077.6	1608.4	1301.7	1099.7	960.0
17.5°	13327.6	11203.0	8981.3	6786.2	4844.0	3399.3	2412.4	1783.1	1394.4	1153.3	991.5
15°	15066.9	12823.9	10480.3	8106.0	5828.3	3942.6	2697.7	1935.3	1490.8	1215.5	1032.8
12.5°	16642.1	14279.5	11813.5	9240.5	6702.0	4551.6	3078.3	2159.6	1609.4	1280.1	1071.7
10°	18017.0	15494.5	12867.0	10193.9	7546.6	5182.0	3438.0	2350.9	1712.0	1333.6	1103.5
7.5°	19004.5	16451.0	13704.1	10964.5	8233.6	5723.9	3743.8	2502.3	1792.6	1374.7	1128.0
5°	19730.6	17197.1	14401.9	11590.7	8743.5	6128.9	3972.2	2608.8	1850.2	1403.0	1145.0
2.5°	20228.6	17669.1	14868.8	12001.5	9039.5	6366.8	4117.7	2666.0	1877.5	1425.3	1154.4
0°	20370.3	17803.6	14986.6	12217.0	9085.1	6397.5	4175.9	2674.6	1876.6	1436.5	1156.1
-2.5°	20228.6	17669.1	14868.8	12001.5	9039.5	6366.8	4117.7	2666.0	1877.5	1425.3	1154.4
-5°	19730.6	17197.1	14401.9	11590.7	8743.5	6128.9	3972.2	2608.8	1850.2	1403.0	1145.0
-7.5°	19004.5	16451.0	13704.1	10964.5	8233.6	5723.9	3743.8	2502.3	1792.6	1374.7	1128.0
-10°	18017.0	15494.5	12867.0	10193.9	7546.6	5182.0	3438.0	2350.9	1712.0	1333.6	1103.5
-12.5°	16642.1	14279.5	11813.5	9240.5	6702.0	4551.6	3078.3	2159.6	1609.4	1280.1	1071.7
-15°	15066.9	12823.9	10480.3	8106.0	5828.3	3942.6	2697.7	1935.3	1490.8	1215.5	1032.8
-17.5°	13327.6	11203.0	8981.3	6786.2	4844.0	3399.3	2412.4	1783.1	1394.4	1153.3	991.5
-20°	11490.9	9468.6	7440.8	5542.2	3923.2	2782.3	2077.6	1608.4	1301.7	1099.7	960.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9492.4	7701.4	5921.6	4261.2	3175.6	2376.6	1813.5	1435.7	1195.3	1039.5	923.6
-25°	7478.3	5950.9	4465.9	3399.7	2561.5	1962.2	1570.7	1305.5	1119.2	985.7	885.1
-27.5°	5567.3	4291.3	3424.1	2635.7	2066.5	1678.9	1382.7	1176.4	1038.6	935.2	858.7
-30°	3930.1	3201.8	2582.0	2076.1	1723.4	1428.4	1221.6	1084.3	973.4	886.7	828.6
-32.5°	2802.2	2389.1	1967.8	1696.6	1439.4	1246.3	1110.4	998.2	911.5	852.1	802.5
-35°	2077.0	1816.7	1584.6	1401.1	1234.5	1116.2	1010.6	929.0	867.8	817.9	776.6
-37.5°	1612.9	1446.0	1322.2	1192.6	1098.4	1008.6	933.0	874.8	827.1	788.9	753.5
-40°	1313.1	1212.1	1137.7	1054.5	987.0	922.4	873.4	828.7	793.5	760.6	730.1
-42.5°	1114.4	1055.9	1001.8	949.1	898.8	862.2	823.8	791.0	760.6	732.8	707.8
-45°	977.0	940.2	900.5	874.1	842.7	812.8	782.0	755.6	730.4	707.0	685.7
-47.5°	881.2	861.6	840.6	821.4	796.7	770.6	746.5	723.0	701.1	680.4	657.6
-50°	817.4	805.6	791.4	775.2	755.2	733.5	712.7	689.9	671.3	652.1	629.8
-52.5°	770.1	760.3	747.9	732.8	717.8	700.4	680.5	661.0	643.3	623.5	601.6
-55°	730.2	721.3	710.8	699.3	686.3	668.6	650.9	632.5	613.5	594.2	567.5
-57.5°	693.8	685.7	674.5	662.8	650.8	635.0	617.8	600.6	580.9	557.8	530.5
-60°	650.1	643.3	631.1	619.9	609.9	597.6	578.3	560.2	543.3	515.8	486.4
-62.5°	593.9	584.7	576.9	567.8	558.0	546.2	530.0	511.1	490.3	466.4	439.1
-65°	533.8	522.4	515.3	509.1	500.9	490.3	474.2	456.1	435.6	412.9	389.3
-67.5°	476.1	466.0	459.0	452.2	443.6	433.0	417.8	400.0	380.5	360.1	339.7
-70°	418.4	410.4	403.2	395.8	386.3	374.8	360.1	343.5	326.1	308.6	291.5
-72.5°	358.4	352.1	344.9	336.3	326.2	315.0	302.5	288.8	274.3	259.2	244.4
-75°	296.8	290.9	283.9	275.8	267.0	257.5	247.4	236.2	224.4	212.0	199.6
-77.5°	233.4	227.9	221.8	215.7	209.3	202.6	195.0	185.7	176.3	166.5	156.6
-80°	170.8	166.9	162.8	159.2	155.2	150.8	145.6	138.3	130.5	122.9	115.8
-82.5°	115.3	112.5	109.3	107.2	104.7	101.9	98.8	94.0	89.2	84.3	79.4
-85°	65.4	62.8	60.1	59.4	58.5	57.4	56.1	53.7	51.1	48.4	45.5
-87.5°	22.3	20.9	19.6	20.1	20.6	20.9	21.2	20.5	19.8	19.1	18.3
-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: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-727-U-MWR-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°	17.5	16.6	15.8	14.9	13.9	12.9	12.0	10.9	9.5	8.1	6.8
85°	42.5	39.4	36.2	32.8	29.3	25.9	23.9	21.8	19.0	16.2	13.6
82.5°	74.5	69.8	64.9	59.8	54.0	48.3	42.7	37.3	31.2	24.7	20.3
80°	109.3	102.5	95.4	88.0	79.6	70.6	62.9	55.3	47.9	40.1	31.7
77.5°	147.0	137.1	126.8	117.4	107.6	97.2	86.1	74.6	64.6	55.3	45.4
75°	187.3	175.3	162.9	150.2	137.0	123.7	111.0	97.7	84.4	70.8	59.0
72.5°	230.1	215.1	199.7	183.9	168.5	152.8	136.7	120.6	105.1	89.3	73.2
70°	273.9	255.7	237.7	219.9	201.2	181.8	163.4	144.5	125.6	107.5	89.3
67.5°	318.7	298.2	277.0	256.0	235.2	213.4	190.4	168.2	146.7	125.6	105.1
65°	365.9	341.6	316.7	292.8	269.1	245.2	220.0	192.5	167.4	143.8	120.6
62.5°	412.2	385.7	357.8	329.3	302.3	275.9	249.1	218.5	188.2	161.5	136.0
60°	457.1	427.5	397.4	365.9	335.1	305.5	275.8	243.8	210.8	178.8	150.9
57.5°	498.4	467.2	433.6	400.5	367.3	334.5	301.6	267.6	232.7	197.5	165.4
55°	537.0	503.0	468.0	432.2	397.4	362.5	326.8	290.5	253.8	216.2	179.7
52.5°	573.3	537.8	500.6	462.6	424.9	388.9	351.3	312.8	273.8	234.3	195.3
50°	605.0	571.7	532.3	492.2	451.3	413.3	375.0	334.3	293.2	251.6	210.5
47.5°	631.7	601.1	563.0	520.7	477.8	437.2	397.3	355.2	311.9	268.2	225.2
45°	657.8	628.3	591.5	548.3	504.0	461.0	418.7	375.2	329.9	284.2	239.2
42.5°	682.2	652.7	618.4	574.8	529.0	483.9	439.5	394.1	347.1	299.5	252.5
40°	703.0	674.1	643.7	600.2	552.6	505.5	459.2	412.3	363.5	314.0	265.0
37.5°	723.2	693.6	662.3	624.2	574.7	525.9	477.8	429.8	379.4	328.0	276.9
35°	742.9	712.2	679.0	642.7	595.2	544.8	495.1	446.1	394.3	341.4	288.0
32.5°	760.4	728.9	694.4	657.8	614.2	562.3	511.1	460.5	408.1	354.1	298.3
30°	781.3	742.9	708.2	672.5	630.4	578.3	525.9	473.9	420.8	366.1	308.0
27.5°	801.2	756.4	720.6	684.8	643.1	592.8	539.7	486.3	432.5	377.0	317.5
25°	820.5	771.8	732.1	695.1	655.3	606.7	552.3	497.6	442.7	386.4	326.4
22.5°	842.7	785.9	742.9	704.0	666.9	619.3	563.7	507.9	451.9	395.0	334.4
20°	862.5	797.5	752.8	712.5	675.7	628.8	573.9	517.0	460.0	402.5	341.7
17.5°	881.8	810.8	762.5	720.6	682.2	637.1	582.8	525.0	467.2	409.0	348.2
15°	908.6	825.9	771.0	727.5	687.8	644.1	590.5	531.9	473.3	414.6	354.0
12.5°	931.5	838.5	777.9	733.1	692.3	650.0	596.8	537.6	478.3	419.5	359.2
10°	950.1	848.6	783.4	737.5	695.7	654.6	601.8	542.4	483.1	423.8	363.4
7.5°	964.3	856.2	787.3	740.6	698.1	657.9	606.4	546.7	486.9	427.1	366.7
5°	973.9	861.1	790.6	742.4	699.5	660.0	609.9	549.7	489.6	429.5	369.1
2.5°	978.9	863.3	793.0	742.8	699.7	660.6	611.9	551.6	491.3	430.9	370.5
0°	979.3	862.8	793.8	742.0	698.9	660.0	612.6	552.2	491.8	431.4	371.0
-2.5°	978.9	863.3	793.0	742.8	699.7	660.6	611.9	551.6	491.3	430.9	370.5
-5°	973.9	861.1	790.6	742.4	699.5	660.0	609.9	549.7	489.6	429.5	369.1
-7.5°	964.3	856.2	787.3	740.6	698.1	657.9	606.4	546.7	486.9	427.1	366.7
-10°	950.1	848.6	783.4	737.5	695.7	654.6	601.8	542.4	483.1	423.8	363.4
-12.5°	931.5	838.5	777.9	733.1	692.3	650.0	596.8	537.6	478.3	419.5	359.2
-15°	908.6	825.9	771.0	727.5	687.8	644.1	590.5	531.9	473.3	414.6	354.0
-17.5°	881.8	810.8	762.5	720.6	682.2	637.1	582.8	525.0	467.2	409.0	348.2
-20°	862.5	797.5	752.8	712.5	675.7	628.8	573.9	517.0	460.0	402.5	341.7



REPORT NUMBER: P627557 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	842.7	785.9	742.9	704.0	666.9	619.3	563.7	507.9	451.9	395.0	334.4
-25°	820.5	771.8	732.1	695.1	655.3	606.7	552.3	497.6	442.7	386.4	326.4
-27.5°	801.2	756.4	720.6	684.8	643.1	592.8	539.7	486.3	432.5	377.0	317.5
-30°	781.3	742.9	708.2	672.5	630.4	578.3	525.9	473.9	420.8	366.1	308.0
-32.5°	760.4	728.9	694.4	657.8	614.2	562.3	511.1	460.5	408.1	354.1	298.3
-35°	742.9	712.2	679.0	642.7	595.2	544.8	495.1	446.1	394.3	341.4	288.0
-37.5°	723.2	693.6	662.3	624.2	574.7	525.9	477.8	429.8	379.4	328.0	276.9
-40°	703.0	674.1	643.7	600.2	552.6	505.5	459.2	412.3	363.5	314.0	265.0
-42.5°	682.2	652.7	618.4	574.8	529.0	483.9	439.5	394.1	347.1	299.5	252.5
-45°	657.8	628.3	591.5	548.3	504.0	461.0	418.7	375.2	329.9	284.2	239.2
-47.5°	631.7	601.1	563.0	520.7	477.8	437.2	397.3	355.2	311.9	268.2	225.2
-50°	605.0	571.7	532.3	492.2	451.3	413.3	375.0	334.3	293.2	251.6	210.5
-52.5°	573.3	537.8	500.6	462.6	424.9	388.9	351.3	312.8	273.8	234.3	195.3
-55°	537.0	503.0	468.0	432.2	397.4	362.5	326.8	290.5	253.8	216.2	179.7
-57.5°	498.4	467.2	433.6	400.5	367.3	334.5	301.6	267.6	232.7	197.5	165.4
-60°	457.1	427.5	397.4	365.9	335.1	305.5	275.8	243.8	210.8	178.8	150.9
-62.5°	412.2	385.7	357.8	329.3	302.3	275.9	249.1	218.5	188.2	161.5	136.0
-65°	365.9	341.6	316.7	292.8	269.1	245.2	220.0	192.5	167.4	143.8	120.6
-67.5°	318.7	298.2	277.0	256.0	235.2	213.4	190.4	168.2	146.7	125.6	105.1
-70°	273.9	255.7	237.7	219.9	201.2	181.8	163.4	144.5	125.6	107.5	89.3
-72.5°	230.1	215.1	199.7	183.9	168.5	152.8	136.7	120.6	105.1	89.3	73.2
-75°	187.3	175.3	162.9	150.2	137.0	123.7	111.0	97.7	84.4	70.8	59.0
-77.5°	147.0	137.1	126.8	117.4	107.6	97.2	86.1	74.6	64.6	55.3	45.4
-80°	109.3	102.5	95.4	88.0	79.6	70.6	62.9	55.3	47.9	40.1	31.7
-82.5°	74.5	69.8	64.9	59.8	54.0	48.3	42.7	37.3	31.2	24.7	20.3
-85°	42.5	39.4	36.2	32.8	29.3	25.9	23.9	21.8	19.0	16.2	13.6
-87.5°	17.5	16.6	15.8	14.9	13.9	12.9	12.0	10.9	9.5	8.1	6.8
-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):

	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°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
85°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
82.5°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
80°	23.0	18.6	14.9	11.2	7.5	3.7	0.0
77.5°	35.1	25.1	18.6	14.0	9.3	4.7	0.0
75°	47.0	35.1	23.0	16.7	11.2	5.6	0.0
72.5°	58.8	45.0	31.0	19.4	13.0	6.5	0.0
70°	70.8	54.7	38.8	22.7	14.8	7.4	0.0
67.5°	84.2	64.3	46.4	28.5	16.5	8.3	0.0
65°	97.4	74.4	54.0	34.2	18.2	9.1	0.0
62.5°	110.3	85.0	61.4	39.7	19.9	10.0	0.0
60°	122.8	95.4	68.6	45.1	21.6	10.8	0.0
57.5°	135.4	105.4	76.5	50.4	25.0	11.6	0.0
55°	147.7	115.1	84.2	55.6	28.4	12.4	0.0
52.5°	159.7	124.6	91.7	60.6	31.7	13.1	0.0
50°	171.5	134.4	98.8	65.5	34.8	13.9	0.0
47.5°	183.0	143.9	105.7	70.2	37.8	14.6	0.0
45°	194.9	153.1	112.3	75.1	40.7	15.3	0.0
42.5°	206.3	161.9	118.5	79.8	43.4	15.9	0.0
40°	217.1	170.4	124.9	84.2	46.0	16.5	0.0
37.5°	227.2	178.5	131.3	88.2	48.4	17.1	0.0
35°	236.8	186.4	137.4	92.0	50.7	17.7	0.0
32.5°	245.7	193.9	143.2	95.5	52.8	18.2	0.0
30°	253.9	200.8	148.6	98.8	54.7	18.7	0.0
27.5°	261.4	207.2	153.4	101.8	56.5	19.2	0.0
25°	268.3	213.0	157.7	104.6	58.1	19.6	0.0
22.5°	274.4	218.2	161.7	107.1	59.5	20.0	0.0
20°	279.8	222.5	165.2	109.3	60.8	20.3	0.0
17.5°	284.8	226.4	168.2	111.2	61.9	20.6	0.0
15°	289.2	229.7	170.8	112.9	62.8	20.9	0.0
12.5°	293.0	232.4	173.0	114.2	63.5	21.1	0.0
10°	296.2	234.5	174.7	115.3	64.1	21.3	0.0
7.5°	298.7	236.1	175.9	116.0	64.5	21.4	0.0
5°	300.5	237.1	176.7	116.5	64.7	21.5	0.0
2.5°	301.6	237.5	177.0	116.6	64.8	21.6	0.0
0°	302.0	237.3	176.9	116.5	64.7	21.6	0.0
-2.5°	301.6	237.5	177.0	116.6	64.8	21.6	0.0
-5°	300.5	237.1	176.7	116.5	64.7	21.5	0.0
-7.5°	298.7	236.1	175.9	116.0	64.5	21.4	0.0
-10°	296.2	234.5	174.7	115.3	64.1	21.3	0.0
-12.5°	293.0	232.4	173.0	114.2	63.5	21.1	0.0
-15°	289.2	229.7	170.8	112.9	62.8	20.9	0.0
-17.5°	284.8	226.4	168.2	111.2	61.9	20.6	0.0
-20°	279.8	222.5	165.2	109.3	60.8	20.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	274.4	218.2	161.7	107.1	59.5	20.0	0.0
-25°	268.3	213.0	157.7	104.6	58.1	19.6	0.0
-27.5°	261.4	207.2	153.4	101.8	56.5	19.2	0.0
-30°	253.9	200.8	148.6	98.8	54.7	18.7	0.0
-32.5°	245.7	193.9	143.2	95.5	52.8	18.2	0.0
-35°	236.8	186.4	137.4	92.0	50.7	17.7	0.0
-37.5°	227.2	178.5	131.3	88.2	48.4	17.1	0.0
-40°	217.1	170.4	124.9	84.2	46.0	16.5	0.0
-42.5°	206.3	161.9	118.5	79.8	43.4	15.9	0.0
-45°	194.9	153.1	112.3	75.1	40.7	15.3	0.0
-47.5°	183.0	143.9	105.7	70.2	37.8	14.6	0.0
-50°	171.5	134.4	98.8	65.5	34.8	13.9	0.0
-52.5°	159.7	124.6	91.7	60.6	31.7	13.1	0.0
-55°	147.7	115.1	84.2	55.6	28.4	12.4	0.0
-57.5°	135.4	105.4	76.5	50.4	25.0	11.6	0.0
-60°	122.8	95.4	68.6	45.1	21.6	10.8	0.0
-62.5°	110.3	85.0	61.4	39.7	19.9	10.0	0.0
-65°	97.4	74.4	54.0	34.2	18.2	9.1	0.0
-67.5°	84.2	64.3	46.4	28.5	16.5	8.3	0.0
-70°	70.8	54.7	38.8	22.7	14.8	7.4	0.0
-72.5°	58.8	45.0	31.0	19.4	13.0	6.5	0.0
-75°	47.0	35.1	23.0	16.7	11.2	5.6	0.0
-77.5°	35.1	25.1	18.6	14.0	9.3	4.7	0.0
-80°	23.0	18.6	14.9	11.2	7.5	3.7	0.0
-82.5°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
-85°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
-87.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)