

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: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3E-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627263 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-727-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N67
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

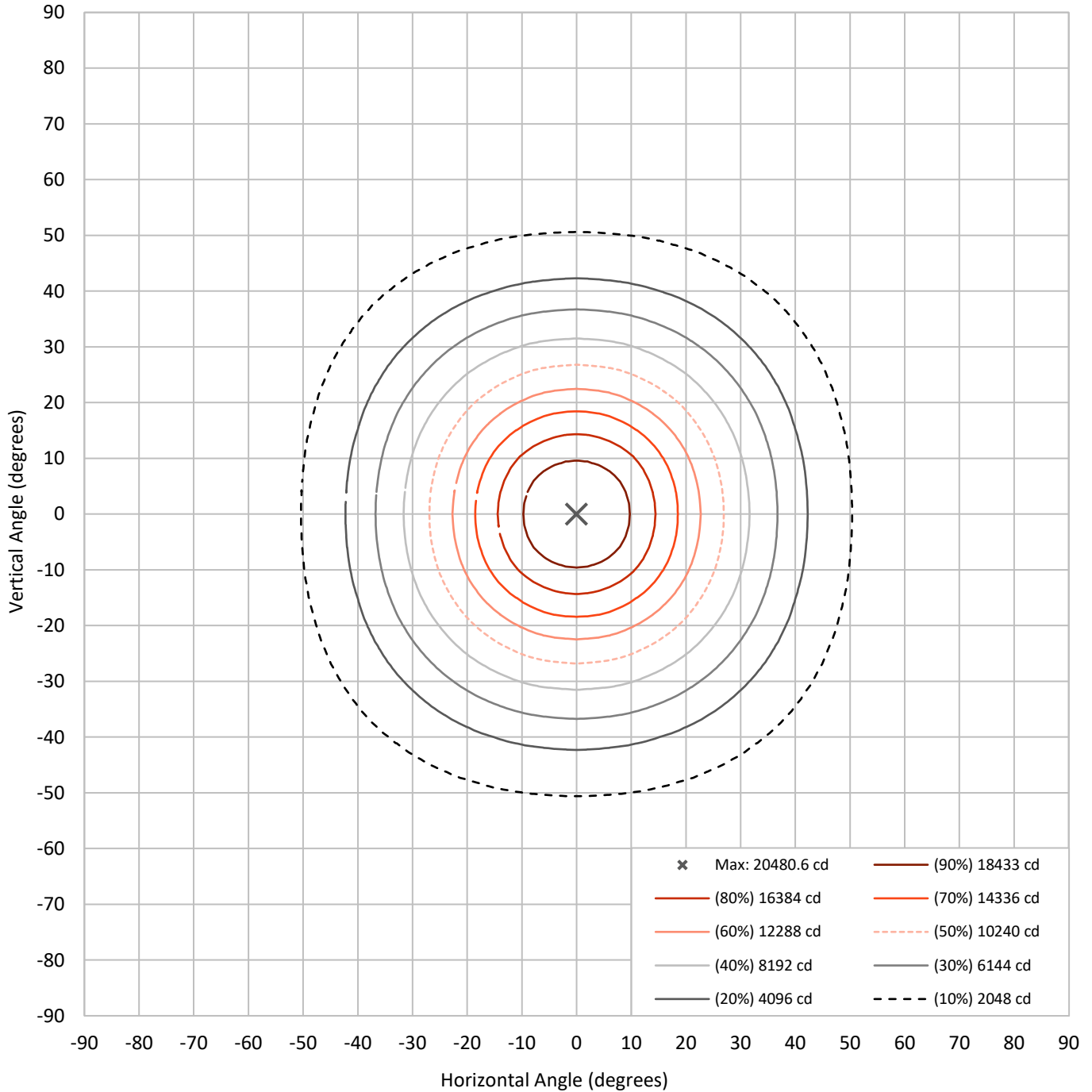
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20844.5 lumens	Max Intensity:	20480.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.6 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:	9966.5 lumens	Field Lumens:	18396 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	185.2		
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





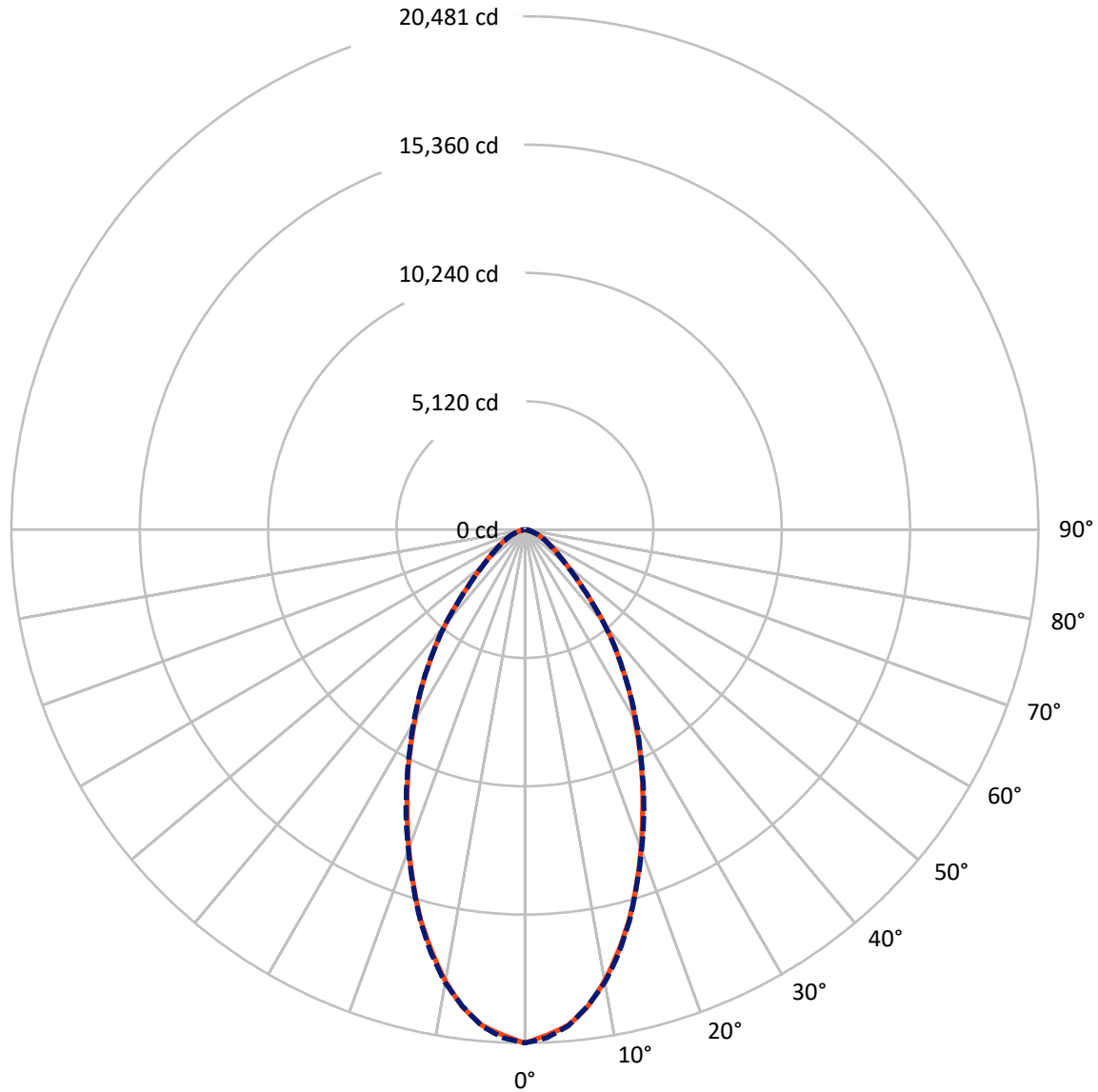
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Lumen Table

90																			
80	0.8	5.7		13.1		21.8		18.7		21.8		13.1		5.7		0.8			
70																			
60	2.7	3.2	6.0	9.6	13.9	18.0	21.2	22.7	22.7	21.2	18.0	13.9	9.6	6.0	3.2	2.7			
50		4.5	9.0	15.7	24.0	33.0	41.2	45.9	45.9	41.2	33.0	24.0	15.7	9.0	4.5				
40	4.0	5.7	12.5	23.3	39.4	60.5	83.4	98.7	98.7	83.4	60.5	39.4	23.3	12.5	5.7	4.0			
30		7.0	16.4	33.9	66.1	117.3	170.4	202.2	202.2	170.4	117.3	66.1	33.9	16.4	7.0				
20	4.7	8.1	20.4	47.5	106.8	192.0	274.7	328.4	328.4	274.7	192.0	106.8	47.5	20.4	8.1	4.7			
10		9.1	23.9	61.6	145.8	259.2	382.7	470.9	470.9	382.7	259.2	145.8	61.6	23.9	9.1				
0	5.0	9.5	25.9	70.8	167.8	301.4	458.6	576.8	576.8	458.6	301.4	167.8	70.8	25.9	9.5	5.0			
-10		9.5	25.9	70.8	167.8	301.4	458.6	576.8	576.8	458.6	301.4	167.8	70.8	25.9	9.5				
-20	4.7	9.1	23.9	61.6	145.8	259.2	382.7	470.9	470.9	382.7	259.2	145.8	61.6	23.9	9.1	4.7			
-30		8.1	20.4	47.5	106.8	192.0	274.7	328.4	328.4	274.7	192.0	106.8	47.5	20.4	8.1				
-40	4.0	7.0	16.4	33.9	66.1	117.3	170.4	202.2	202.2	170.4	117.3	66.1	33.9	16.4	7.0	4.0			
-50		5.7	12.5	23.3	39.4	60.5	83.4	98.7	98.7	83.4	60.5	39.4	23.3	12.5	5.7				
-60	2.7	4.5	9.0	15.7	24.0	33.0	41.2	45.9	45.9	41.2	33.0	24.0	15.7	9.0	4.5	2.7			
-70		3.2	6.0	9.6	13.9	18.0	21.2	22.7	22.7	21.2	18.0	13.9	9.6	6.0	3.2				
-80	0.8	5.7		13.1		21.8		18.7		21.8		13.1		5.7		0.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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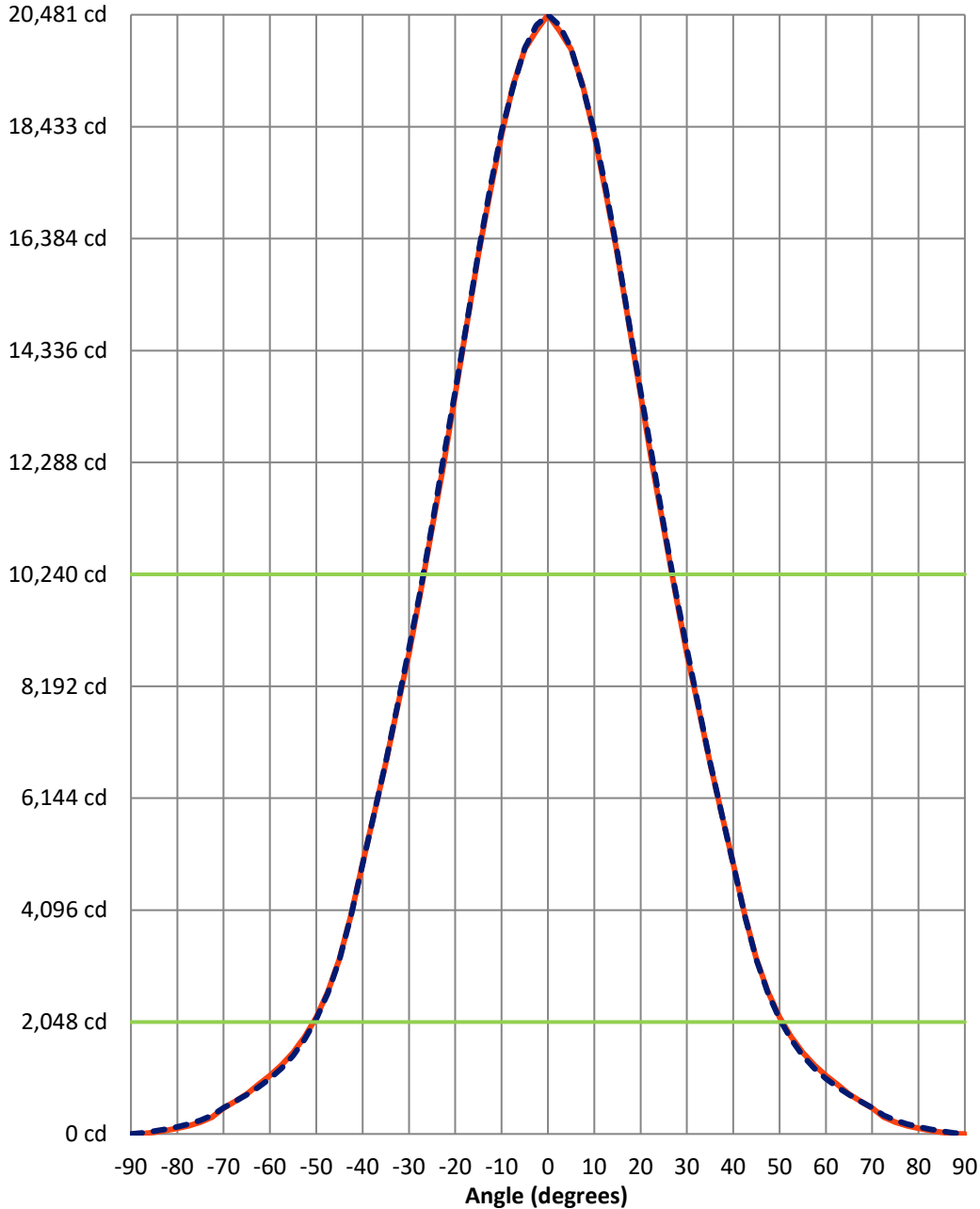
Luminous Intensity Polar Plot



— 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: 9966.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 18396
 Efficiency: 88.3%

Spill:
 Lumens: 2448.5
 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	1.0	2.4	3.9	5.6	7.6	9.7	10.8	11.6	12.3	12.9
85°	0.0	2.1	4.8	7.8	11.3	15.1	19.4	21.5	23.3	24.7	25.7
82.5°	0.0	3.1	7.2	11.7	16.9	22.6	29.0	32.3	35.6	41.3	46.3
80°	0.0	4.1	9.5	15.5	22.4	30.1	39.4	49.0	57.3	64.8	71.4
77.5°	0.0	5.2	11.8	19.3	27.8	39.1	56.3	68.7	79.1	88.3	97.5
75°	0.0	6.2	14.1	23.1	33.7	51.1	72.7	88.4	100.8	113.4	126.9
72.5°	0.0	7.1	16.3	26.7	41.8	62.8	88.6	107.6	122.6	138.6	155.7
70°	0.0	8.1	18.5	30.5	49.6	74.0	103.7	125.8	144.0	163.5	186.4
67.5°	0.0	9.0	20.6	35.3	57.0	84.7	116.7	143.6	165.0	189.1	216.6
65°	0.0	10.0	22.7	39.8	64.1	94.6	129.2	161.0	185.7	213.9	245.2
62.5°	0.0	10.8	24.6	44.1	70.8	103.5	140.9	177.5	205.6	237.6	271.8
60°	0.0	11.7	26.5	48.2	77.0	112.0	151.9	193.2	224.5	260.5	297.6
57.5°	0.0	12.5	28.8	51.9	82.8	119.8	161.8	207.3	243.6	282.7	321.4
55°	0.0	13.3	31.0	55.4	88.2	127.1	170.9	218.5	262.4	303.9	344.1
52.5°	0.0	14.1	33.2	58.6	93.1	133.7	179.3	230.7	280.3	324.1	366.4
50°	0.0	14.8	35.2	61.5	97.6	139.8	186.9	242.2	297.7	343.9	390.8
47.5°	0.0	15.5	37.1	64.2	101.6	145.3	194.0	252.6	314.8	363.1	414.8
45°	0.0	16.2	39.0	66.8	105.2	150.2	202.0	262.0	327.2	383.9	438.0
42.5°	0.0	16.8	40.7	69.1	108.2	154.4	209.0	271.2	338.4	403.9	462.0
40°	0.0	17.3	42.3	71.6	110.9	158.0	215.2	280.1	349.6	422.5	485.2
37.5°	0.0	17.8	43.9	74.2	113.4	160.9	220.5	288.2	361.8	437.2	507.3
35°	0.0	18.3	45.3	76.5	115.4	164.2	224.9	295.4	373.4	453.4	529.8
32.5°	0.0	18.8	46.5	78.7	116.9	167.3	229.0	301.8	384.6	469.8	552.8
30°	0.0	19.1	47.7	80.6	118.0	169.7	233.5	307.9	395.1	486.4	574.5
27.5°	0.0	19.5	48.8	82.4	120.5	171.4	237.2	315.5	406.1	503.0	594.8
25°	0.0	19.8	49.7	83.9	122.9	172.5	240.0	322.4	418.4	519.3	613.9
22.5°	0.0	20.0	50.5	85.1	125.1	173.8	242.1	328.4	430.1	534.3	634.6
20°	0.0	20.2	51.2	86.2	126.9	177.0	243.3	333.5	441.1	547.7	653.3
17.5°	0.0	20.4	51.7	87.0	128.5	179.6	246.0	337.6	451.2	559.6	669.6
15°	0.0	20.5	52.2	87.6	129.7	181.6	249.3	341.5	460.3	569.8	683.7
12.5°	0.0	20.6	52.5	88.0	130.6	183.1	251.6	345.0	468.1	578.4	695.4
10°	0.0	20.6	52.6	88.2	131.2	184.0	253.1	346.9	474.1	585.5	704.8
7.5°	0.0	20.6	52.7	88.2	131.5	184.4	253.7	347.3	478.3	591.0	712.2
5°	0.0	20.5	52.6	87.9	131.4	184.3	253.4	346.3	480.6	594.7	717.1
2.5°	0.0	20.4	52.4	87.5	131.0	183.6	252.3	343.9	480.9	596.6	719.5
0°	0.0	20.3	52.1	86.8	130.3	182.4	250.4	340.2	479.1	596.4	719.4
-2.5°	0.0	20.4	52.4	87.5	131.0	183.6	252.3	343.9	480.9	596.6	719.5
-5°	0.0	20.5	52.6	87.9	131.4	184.3	253.4	346.3	480.6	594.7	717.1
-7.5°	0.0	20.6	52.7	88.2	131.5	184.4	253.7	347.3	478.3	591.0	712.2
-10°	0.0	20.6	52.6	88.2	131.2	184.0	253.1	346.9	474.1	585.5	704.8
-12.5°	0.0	20.6	52.5	88.0	130.6	183.1	251.6	345.0	468.1	578.4	695.4
-15°	0.0	20.5	52.2	87.6	129.7	181.6	249.3	341.5	460.3	569.8	683.7
-17.5°	0.0	20.4	51.7	87.0	128.5	179.6	246.0	337.6	451.2	559.6	669.6
-20°	0.0	20.2	51.2	86.2	126.9	177.0	243.3	333.5	441.1	547.7	653.3

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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	20.0	50.5	85.1	125.1	173.8	242.1	328.4	430.1	534.3	634.6
-25°	0.0	19.8	49.7	83.9	122.9	172.5	240.0	322.4	418.4	519.3	613.9
-27.5°	0.0	19.5	48.8	82.4	120.5	171.4	237.2	315.5	406.1	503.0	594.8
-30°	0.0	19.1	47.7	80.6	118.0	169.7	233.5	307.9	395.1	486.4	574.5
-32.5°	0.0	18.8	46.5	78.7	116.9	167.3	229.0	301.8	384.6	469.8	552.8
-35°	0.0	18.3	45.3	76.5	115.4	164.2	224.9	295.4	373.4	453.4	529.8
-37.5°	0.0	17.8	43.9	74.2	113.4	160.9	220.5	288.2	361.8	437.2	507.3
-40°	0.0	17.3	42.3	71.6	110.9	158.0	215.2	280.1	349.6	422.5	485.2
-42.5°	0.0	16.8	40.7	69.1	108.2	154.4	209.0	271.2	338.4	403.9	462.0
-45°	0.0	16.2	39.0	66.8	105.2	150.2	202.0	262.0	327.2	383.9	438.0
-47.5°	0.0	15.5	37.1	64.2	101.6	145.3	194.0	252.6	314.8	363.1	414.8
-50°	0.0	14.8	35.2	61.5	97.6	139.8	186.9	242.2	297.7	343.9	390.8
-52.5°	0.0	14.1	33.2	58.6	93.1	133.7	179.3	230.7	280.3	324.1	366.4
-55°	0.0	13.3	31.0	55.4	88.2	127.1	170.9	218.5	262.4	303.9	344.1
-57.5°	0.0	12.5	28.8	51.9	82.8	119.8	161.8	207.3	243.6	282.7	321.4
-60°	0.0	11.7	26.5	48.2	77.0	112.0	151.9	193.2	224.5	260.5	297.6
-62.5°	0.0	10.8	24.6	44.1	70.8	103.5	140.9	177.5	205.6	237.6	271.8
-65°	0.0	10.0	22.7	39.8	64.1	94.6	129.2	161.0	185.7	213.9	245.2
-67.5°	0.0	9.0	20.6	35.3	57.0	84.7	116.7	143.6	165.0	189.1	216.6
-70°	0.0	8.1	18.5	30.5	49.6	74.0	103.7	125.8	144.0	163.5	186.4
-72.5°	0.0	7.1	16.3	26.7	41.8	62.8	88.6	107.6	122.6	138.6	155.7
-75°	0.0	6.2	14.1	23.1	33.7	51.1	72.7	88.4	100.8	113.4	126.9
-77.5°	0.0	5.2	11.8	19.3	27.8	39.1	56.3	68.7	79.1	88.3	97.5
-80°	0.0	4.1	9.5	15.5	22.4	30.1	39.4	49.0	57.3	64.8	71.4
-82.5°	0.0	3.1	7.2	11.7	16.9	22.6	29.0	32.3	35.6	41.3	46.3
-85°	0.0	2.1	4.8	7.8	11.3	15.1	19.4	21.5	23.3	24.7	25.7
-87.5°	0.0	1.0	2.4	3.9	5.6	7.6	9.7	10.8	11.6	12.3	12.9
-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°	13.0	13.0	12.8	12.5	11.9	11.2	10.3	9.2	9.6	10.0	10.3
85°	26.1	26.1	28.3	30.3	31.2	31.3	30.7	29.3	33.2	37.5	42.2
82.5°	50.9	55.4	59.5	63.5	63.9	62.9	60.9	58.6	66.4	75.8	85.6
80°	78.1	84.6	92.1	99.1	100.8	100.1	97.9	94.3	104.5	119.0	134.6
77.5°	108.4	118.7	128.4	137.3	139.8	139.4	137.8	134.9	147.9	167.9	188.7
75°	140.4	152.9	165.3	176.2	180.9	181.2	180.7	183.8	200.9	224.3	244.9
72.5°	173.7	189.6	203.6	215.6	223.1	228.9	236.5	245.8	263.0	286.0	306.2
70°	208.9	226.6	241.3	254.7	266.2	278.7	294.7	310.6	328.8	351.7	372.8
67.5°	243.6	261.6	278.3	294.7	315.6	335.6	355.6	376.3	399.2	423.3	444.6
65°	275.9	296.2	316.5	340.3	367.5	390.2	414.8	441.8	471.8	498.9	523.6
62.5°	306.8	329.6	354.8	383.5	413.0	441.4	474.4	509.1	544.2	578.2	611.9
60°	332.8	361.3	391.9	424.4	458.4	497.1	535.7	577.0	618.9	659.9	701.6
57.5°	357.9	393.1	428.4	466.2	508.6	552.8	599.2	645.7	695.9	745.4	792.8
55°	383.9	425.5	465.6	510.4	558.9	610.9	663.3	719.7	775.1	837.5	895.1
52.5°	411.8	457.0	504.1	555.3	612.0	670.6	732.1	796.8	865.7	935.1	1005.4
50°	438.9	489.9	542.3	603.6	667.0	734.0	805.0	880.3	960.6	1040.8	1126.0
47.5°	467.3	521.7	585.6	652.2	724.9	801.2	881.6	971.1	1060.3	1161.4	1259.1
45°	495.3	557.8	627.2	704.6	784.4	870.3	965.9	1064.2	1178.1	1292.3	1420.6
42.5°	522.2	594.2	672.6	755.3	846.1	944.8	1050.6	1174.3	1302.7	1444.0	1594.6
40°	553.1	629.0	717.3	809.8	908.2	1021.0	1148.3	1285.6	1442.3	1609.7	1780.7
37.5°	583.0	668.3	761.5	861.8	976.0	1103.0	1243.6	1411.9	1592.6	1782.9	2015.7
35°	611.0	705.8	807.0	916.9	1040.5	1187.7	1355.9	1541.8	1750.0	1995.6	2267.1
32.5°	640.9	741.2	849.9	973.2	1113.2	1273.9	1464.9	1683.8	1930.2	2209.8	2549.6
30°	670.9	777.6	892.5	1025.9	1181.6	1367.7	1584.7	1826.6	2110.1	2460.8	2859.6
27.5°	698.7	811.7	937.5	1081.8	1248.2	1454.1	1699.8	1983.4	2317.3	2713.6	3179.6
25°	724.2	842.7	978.9	1135.0	1321.7	1547.5	1813.9	2127.9	2524.7	2997.3	3570.5
22.5°	748.6	871.0	1016.3	1182.8	1387.8	1637.9	1937.6	2297.0	2735.6	3266.0	3953.4
20°	771.4	901.6	1053.4	1228.6	1447.0	1719.5	2051.4	2454.8	2954.0	3581.9	4328.9
17.5°	791.5	928.5	1088.6	1278.1	1512.9	1802.4	2158.8	2594.2	3148.4	3863.9	4675.4
15°	808.7	951.8	1119.0	1321.0	1572.3	1884.8	2271.4	2747.0	3351.2	4120.4	4979.6
12.5°	823.1	971.2	1144.5	1357.1	1622.1	1954.4	2367.6	2883.2	3548.7	4362.1	5246.7
10°	834.6	986.8	1165.1	1386.3	1662.3	2011.0	2446.9	2994.6	3713.0	4569.2	5472.7
7.5°	844.1	999.0	1180.9	1408.3	1692.7	2054.2	2508.6	3080.6	3841.5	4733.2	5646.1
5°	850.9	1007.8	1192.8	1423.8	1715.0	2084.4	2551.8	3140.8	3932.8	4852.0	5764.7
2.5°	854.7	1012.5	1199.7	1432.0	1728.8	2101.5	2574.5	3178.5	3983.0	4919.9	5836.3
0°	855.5	1013.2	1201.4	1433.0	1732.7	2104.7	2578.0	3190.3	3993.6	4937.4	5862.4
-2.5°	854.7	1012.5	1199.7	1432.0	1728.8	2101.5	2574.5	3178.5	3983.0	4919.9	5836.3
-5°	850.9	1007.8	1192.8	1423.8	1715.0	2084.4	2551.8	3140.8	3932.8	4852.0	5764.7
-7.5°	844.1	999.0	1180.9	1408.3	1692.7	2054.2	2508.6	3080.6	3841.5	4733.2	5646.1
-10°	834.6	986.8	1165.1	1386.3	1662.3	2011.0	2446.9	2994.6	3713.0	4569.2	5472.7
-12.5°	823.1	971.2	1144.5	1357.1	1622.1	1954.4	2367.6	2883.2	3548.7	4362.1	5246.7
-15°	808.7	951.8	1119.0	1321.0	1572.3	1884.8	2271.4	2747.0	3351.2	4120.4	4979.6
-17.5°	791.5	928.5	1088.6	1278.1	1512.9	1802.4	2158.8	2594.2	3148.4	3863.9	4675.4
-20°	771.4	901.6	1053.4	1228.6	1447.0	1719.5	2051.4	2454.8	2954.0	3581.9	4328.9

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REPORT NUMBER: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-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°	748.6	871.0	1016.3	1182.8	1387.8	1637.9	1937.6	2297.0	2735.6	3266.0	3953.4
-25°	724.2	842.7	978.9	1135.0	1321.7	1547.5	1813.9	2127.9	2524.7	2997.3	3570.5
-27.5°	698.7	811.7	937.5	1081.8	1248.2	1454.1	1699.8	1983.4	2317.3	2713.6	3179.6
-30°	670.9	777.6	892.5	1025.9	1181.6	1367.7	1584.7	1826.6	2110.1	2460.8	2859.6
-32.5°	640.9	741.2	849.9	973.2	1113.2	1273.9	1464.9	1683.8	1930.2	2209.8	2549.6
-35°	611.0	705.8	807.0	916.9	1040.5	1187.7	1355.9	1541.8	1750.0	1995.6	2267.1
-37.5°	583.0	668.3	761.5	861.8	976.0	1103.0	1243.6	1411.9	1592.6	1782.9	2015.7
-40°	553.1	629.0	717.3	809.8	908.2	1021.0	1148.3	1285.6	1442.3	1609.7	1780.7
-42.5°	522.2	594.2	672.6	755.3	846.1	944.8	1050.6	1174.3	1302.7	1444.0	1594.6
-45°	495.3	557.8	627.2	704.6	784.4	870.3	965.9	1064.2	1178.1	1292.3	1420.6
-47.5°	467.3	521.7	585.6	652.2	724.9	801.2	881.6	971.1	1060.3	1161.4	1259.1
-50°	438.9	489.9	542.3	603.6	667.0	734.0	805.0	880.3	960.6	1040.8	1126.0
-52.5°	411.8	457.0	504.1	555.3	612.0	670.6	732.1	796.8	865.7	935.1	1005.4
-55°	383.9	425.5	465.6	510.4	558.9	610.9	663.3	719.7	775.1	837.5	895.1
-57.5°	357.9	393.1	428.4	466.2	508.6	552.8	599.2	645.7	695.9	745.4	792.8
-60°	332.8	361.3	391.9	424.4	458.4	497.1	535.7	577.0	618.9	659.9	701.6
-62.5°	306.8	329.6	354.8	383.5	413.0	441.4	474.4	509.1	544.2	578.2	611.9
-65°	275.9	296.2	316.5	340.3	367.5	390.2	414.8	441.8	471.8	498.9	523.6
-67.5°	243.6	261.6	278.3	294.7	315.6	335.6	355.6	376.3	399.2	423.3	444.6
-70°	208.9	226.6	241.3	254.7	266.2	278.7	294.7	310.6	328.8	351.7	372.8
-72.5°	173.7	189.6	203.6	215.6	223.1	228.9	236.5	245.8	263.0	286.0	306.2
-75°	140.4	152.9	165.3	176.2	180.9	181.2	180.7	183.8	200.9	224.3	244.9
-77.5°	108.4	118.7	128.4	137.3	139.8	139.4	137.8	134.9	147.9	167.9	188.7
-80°	78.1	84.6	92.1	99.1	100.8	100.1	97.9	94.3	104.5	119.0	134.6
-82.5°	50.9	55.4	59.5	63.5	63.9	62.9	60.9	58.6	66.4	75.8	85.6
-85°	26.1	26.1	28.3	30.3	31.2	31.3	30.7	29.3	33.2	37.5	42.2
-87.5°	13.0	13.0	12.8	12.5	11.9	11.2	10.3	9.2	9.6	10.0	10.3
-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: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	10.6	10.4	10.0	9.6	9.2	9.0	8.8	8.6	8.4	7.8	7.1
85°	47.1	48.1	48.7	49.0	49.0	50.6	52.0	53.4	54.5	49.4	43.8
82.5°	95.7	100.2	104.2	108.1	112.0	114.6	116.6	118.1	119.0	107.7	95.0
80°	150.7	160.1	167.9	175.4	182.6	184.3	184.3	183.3	181.3	165.9	148.4
77.5°	209.6	221.9	231.7	241.4	251.0	254.5	256.2	257.5	258.4	239.3	215.8
75°	262.9	277.6	291.4	304.1	315.9	322.1	325.8	328.8	331.2	312.0	286.8
72.5°	323.8	339.4	354.3	368.4	380.9	389.1	394.5	399.0	402.5	391.5	375.8
70°	390.8	407.0	422.7	437.4	451.5	462.6	471.3	478.8	485.0	486.2	485.7
67.5°	465.2	484.2	502.9	518.9	535.6	551.3	565.1	576.5	585.7	591.7	595.1
65°	548.6	577.2	602.7	624.3	642.4	663.3	681.8	695.9	705.9	713.4	719.9
62.5°	646.9	681.7	710.8	739.6	769.3	798.2	816.3	834.4	852.1	868.9	883.1
60°	741.6	779.7	819.2	855.9	890.0	921.3	953.7	982.4	1007.6	1028.6	1044.3
57.5°	842.5	888.9	933.7	980.4	1024.4	1065.4	1105.4	1142.4	1174.3	1201.2	1223.2
55°	952.0	1008.6	1062.0	1121.3	1178.8	1231.2	1279.4	1328.9	1373.5	1412.7	1443.8
52.5°	1070.0	1143.7	1214.4	1284.0	1358.5	1425.7	1485.9	1554.4	1615.2	1665.5	1704.6
50°	1211.0	1297.5	1390.8	1477.1	1571.0	1663.6	1748.9	1831.5	1912.4	1982.3	2038.8
47.5°	1371.4	1478.0	1593.5	1707.9	1824.5	1951.0	2063.9	2168.9	2281.8	2380.0	2458.7
45°	1549.8	1685.6	1825.2	1986.0	2134.1	2296.6	2447.1	2582.2	2742.4	2883.6	2997.3
42.5°	1747.6	1928.7	2112.2	2314.7	2511.2	2717.6	2936.7	3131.1	3343.7	3546.3	3710.1
40°	1993.0	2209.3	2455.1	2700.2	2982.3	3247.3	3566.5	3856.7	4120.2	4361.8	4559.8
37.5°	2265.5	2544.0	2852.8	3172.1	3558.0	3936.3	4310.1	4662.9	4974.4	5238.9	5460.8
35°	2574.9	2928.8	3302.8	3768.9	4221.1	4674.3	5096.4	5482.0	5820.8	6119.3	6373.0
32.5°	2930.8	3355.6	3879.1	4402.8	4918.6	5417.5	5881.0	6301.6	6673.2	7008.2	7300.0
30°	3305.1	3884.6	4472.2	5046.7	5610.1	6156.6	6665.2	7128.5	7548.3	7921.2	8257.4
27.5°	3780.6	4422.8	5063.5	5682.8	6302.7	6900.7	7452.0	7966.6	8448.3	8869.9	9254.1
25°	4240.5	4950.0	5631.1	6306.4	6981.1	7623.2	8239.5	8820.8	9372.5	9856.4	10285.4
22.5°	4700.3	5443.0	6170.8	6896.9	7621.7	8337.5	9029.5	9695.5	10312.5	10863.5	11346.4
20°	5126.2	5902.7	6681.0	7463.7	8249.3	9032.8	9810.1	10559.6	11247.0	11883.1	12442.0
17.5°	5508.1	6333.8	7159.0	7996.2	8847.8	9698.5	10562.0	11402.2	12188.0	12911.7	13560.1
15°	5846.3	6707.9	7594.1	8497.5	9412.0	10335.9	11278.0	12218.1	13102.7	13924.7	14648.6
12.5°	6141.9	7037.7	7966.5	8926.5	9919.0	10925.5	11953.7	12984.1	13963.4	14912.5	15694.1
10°	6385.9	7318.2	8289.0	9297.7	10344.4	11427.6	12530.7	13639.9	14718.9	15725.6	16619.5
7.5°	6574.3	7541.5	8541.9	9590.9	10689.1	11831.4	13000.0	14177.0	15328.5	16413.2	17402.2
5°	6707.2	7704.1	8717.0	9808.3	10944.6	12128.3	13342.9	14569.5	15773.2	16913.7	17938.7
2.5°	6784.4	7801.7	8819.0	9940.4	11096.5	12308.0	13555.5	14802.2	16037.7	17220.6	18274.0
0°	6804.7	7830.9	8877.5	9954.4	11144.3	12392.0	13594.9	14845.5	16129.4	17296.1	18345.5
-2.5°	6784.4	7801.7	8819.0	9940.4	11096.5	12308.0	13555.5	14802.2	16037.7	17220.6	18274.0
-5°	6707.2	7704.1	8717.0	9808.3	10944.6	12128.3	13342.9	14569.5	15773.2	16913.7	17938.7
-7.5°	6574.3	7541.5	8541.9	9590.9	10689.1	11831.4	13000.0	14177.0	15328.5	16413.2	17402.2
-10°	6385.9	7318.2	8289.0	9297.7	10344.4	11427.6	12530.7	13639.9	14718.9	15725.6	16619.5
-12.5°	6141.9	7037.7	7966.5	8926.5	9919.0	10925.5	11953.7	12984.1	13963.4	14912.5	15694.1
-15°	5846.3	6707.9	7594.1	8497.5	9412.0	10335.9	11278.0	12218.1	13102.7	13924.7	14648.6
-17.5°	5508.1	6333.8	7159.0	7996.2	8847.8	9698.5	10562.0	11402.2	12188.0	12911.7	13560.1
-20°	5126.2	5902.7	6681.0	7463.7	8249.3	9032.8	9810.1	10559.6	11247.0	11883.1	12442.0

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REPORT NUMBER: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4700.3	5443.0	6170.8	6896.9	7621.7	8337.5	9029.5	9695.5	10312.5	10863.5	11346.4
-25°	4240.5	4950.0	5631.1	6306.4	6981.1	7623.2	8239.5	8820.8	9372.5	9856.4	10285.4
-27.5°	3780.6	4422.8	5063.5	5682.8	6302.7	6900.7	7452.0	7966.6	8448.3	8869.9	9254.1
-30°	3305.1	3884.6	4472.2	5046.7	5610.1	6156.6	6665.2	7128.5	7548.3	7921.2	8257.4
-32.5°	2930.8	3355.6	3879.1	4402.8	4918.6	5417.5	5881.0	6301.6	6673.2	7008.2	7300.0
-35°	2574.9	2928.8	3302.8	3768.9	4221.1	4674.3	5096.4	5482.0	5820.8	6119.3	6373.0
-37.5°	2265.5	2544.0	2852.8	3172.1	3558.0	3936.3	4310.1	4662.9	4974.4	5238.9	5460.8
-40°	1993.0	2209.3	2455.1	2700.2	2982.3	3247.3	3566.5	3856.7	4120.2	4361.8	4559.8
-42.5°	1747.6	1928.7	2112.2	2314.7	2511.2	2717.6	2936.7	3131.1	3343.7	3546.3	3710.1
-45°	1549.8	1685.6	1825.2	1986.0	2134.1	2296.6	2447.1	2582.2	2742.4	2883.6	2997.3
-47.5°	1371.4	1478.0	1593.5	1707.9	1824.5	1951.0	2063.9	2168.9	2281.8	2380.0	2458.7
-50°	1211.0	1297.5	1390.8	1477.1	1571.0	1663.6	1748.9	1831.5	1912.4	1982.3	2038.8
-52.5°	1070.0	1143.7	1214.4	1284.0	1358.5	1425.7	1485.9	1554.4	1615.2	1665.5	1704.6
-55°	952.0	1008.6	1062.0	1121.3	1178.8	1231.2	1279.4	1328.9	1373.5	1412.7	1443.8
-57.5°	842.5	888.9	933.7	980.4	1024.4	1065.4	1105.4	1142.4	1174.3	1201.2	1223.2
-60°	741.6	779.7	819.2	855.9	890.0	921.3	953.7	982.4	1007.6	1028.6	1044.3
-62.5°	646.9	681.7	710.8	739.6	769.3	798.2	816.3	834.4	852.1	868.9	883.1
-65°	548.6	577.2	602.7	624.3	642.4	663.3	681.8	695.9	705.9	713.4	719.9
-67.5°	465.2	484.2	502.9	518.9	535.6	551.3	565.1	576.5	585.7	591.7	595.1
-70°	390.8	407.0	422.7	437.4	451.5	462.6	471.3	478.8	485.0	486.2	485.7
-72.5°	323.8	339.4	354.3	368.4	380.9	389.1	394.5	399.0	402.5	391.5	375.8
-75°	262.9	277.6	291.4	304.1	315.9	322.1	325.8	328.8	331.2	312.0	286.8
-77.5°	209.6	221.9	231.7	241.4	251.0	254.5	256.2	257.5	258.4	239.3	215.8
-80°	150.7	160.1	167.9	175.4	182.6	184.3	184.3	183.3	181.3	165.9	148.4
-82.5°	95.7	100.2	104.2	108.1	112.0	114.6	116.6	118.1	119.0	107.7	95.0
-85°	47.1	48.1	48.7	49.0	49.0	50.6	52.0	53.4	54.5	49.4	43.8
-87.5°	10.6	10.4	10.0	9.6	9.2	9.0	8.8	8.6	8.4	7.8	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: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-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°	6.5	5.8	5.0	4.3	5.0	5.8	6.5	7.1	7.8	8.4	8.6
85°	37.9	31.7	31.1	30.4	31.1	31.7	37.9	43.8	49.4	54.5	53.4
82.5°	81.7	67.8	65.8	63.7	65.8	67.8	81.7	95.0	107.7	119.0	118.1
80°	130.2	111.4	107.7	104.2	107.7	111.4	130.2	148.4	165.9	181.3	183.3
77.5°	191.0	165.3	157.7	150.5	157.7	165.3	191.0	215.8	239.3	258.4	257.5
75°	260.5	233.4	224.3	215.7	224.3	233.4	260.5	286.8	312.0	331.2	328.8
72.5°	359.8	343.3	326.6	308.3	326.6	343.3	359.8	375.8	391.5	402.5	399.0
70°	485.2	484.0	479.8	473.3	479.8	484.0	485.2	485.7	486.2	485.0	478.8
67.5°	596.6	596.1	597.6	597.8	597.6	596.1	596.6	595.1	591.7	585.7	576.5
65°	723.8	725.2	728.2	729.5	728.2	725.2	723.8	719.9	713.4	705.9	695.9
62.5°	894.1	901.4	905.1	904.7	905.1	901.4	894.1	883.1	868.9	852.1	834.4
60°	1055.9	1063.6	1068.5	1069.7	1068.5	1063.6	1055.9	1044.3	1028.6	1007.6	982.4
57.5°	1240.6	1253.2	1259.9	1260.8	1259.9	1253.2	1240.6	1223.2	1201.2	1174.3	1142.4
55°	1467.7	1484.3	1491.8	1490.9	1491.8	1484.3	1467.7	1443.8	1412.7	1373.5	1328.9
52.5°	1734.2	1754.5	1769.7	1779.0	1769.7	1754.5	1734.2	1704.6	1665.5	1615.2	1554.4
50°	2081.3	2110.5	2129.0	2136.5	2129.0	2110.5	2081.3	2038.8	1982.3	1912.4	1831.5
47.5°	2515.5	2554.1	2582.7	2602.6	2582.7	2554.1	2515.5	2458.7	2380.0	2281.8	2168.9
45°	3081.2	3140.0	3179.9	3203.3	3179.9	3140.0	3081.2	2997.3	2883.6	2742.4	2582.2
42.5°	3838.0	3929.3	3985.2	4006.7	3985.2	3929.3	3838.0	3710.1	3546.3	3343.7	3131.1
40°	4716.2	4825.9	4897.8	4947.5	4897.8	4825.9	4716.2	4559.8	4361.8	4120.2	3856.7
37.5°	5631.0	5746.2	5816.2	5863.8	5816.2	5746.2	5631.0	5460.8	5238.9	4974.4	4662.9
35°	6564.3	6684.8	6750.5	6787.3	6750.5	6684.8	6564.3	6373.0	6119.3	5820.8	5482.0
32.5°	7522.4	7655.2	7726.6	7800.5	7726.6	7655.2	7522.4	7300.0	7008.2	6673.2	6301.6
30°	8523.0	8675.5	8750.3	8786.3	8750.3	8675.5	8523.0	8257.4	7921.2	7548.3	7128.5
27.5°	9564.3	9754.3	9847.9	9909.5	9847.9	9754.3	9564.3	9254.1	8869.9	8448.3	7966.6
25°	10647.7	10883.2	10990.4	11086.4	10990.4	10883.2	10647.7	10285.4	9856.4	9372.5	8820.8
22.5°	11771.8	12065.0	12189.2	12257.4	12189.2	12065.0	11771.8	11346.4	10863.5	10312.5	9695.5
20°	12925.3	13275.7	13448.2	13537.0	13448.2	13275.7	12925.3	12442.0	11883.1	11247.0	10559.6
17.5°	14104.7	14540.6	14763.8	14815.1	14763.8	14540.6	14104.7	13560.1	12911.7	12188.0	11402.2
15°	15262.7	15734.1	15998.0	16094.7	15998.0	15734.1	15262.7	14648.6	13924.7	13102.7	12218.1
12.5°	16359.3	16847.9	17163.2	17219.4	17163.2	16847.9	16359.3	15694.1	14912.5	13963.4	12984.1
10°	17353.8	17860.0	18208.2	18287.6	18208.2	17860.0	17353.8	16619.5	15725.6	14718.9	13639.9
7.5°	18185.2	18740.6	19125.4	19192.3	19125.4	18740.6	18185.2	17402.2	16413.2	15328.5	14177.0
5°	18793.5	19452.9	19768.8	19848.0	19768.8	19452.9	18793.5	17938.7	16913.7	15773.2	14569.5
2.5°	19127.2	19798.5	20237.5	20186.7	20237.5	19798.5	19127.2	18274.0	17220.6	16037.7	14802.2
0°	19164.8	19866.9	20286.6	20480.6	20286.6	19866.9	19164.8	18345.5	17296.1	16129.4	14845.5
-2.5°	19127.2	19798.5	20237.5	20186.7	20237.5	19798.5	19127.2	18274.0	17220.6	16037.7	14802.2
-5°	18793.5	19452.9	19768.8	19848.0	19768.8	19452.9	18793.5	17938.7	16913.7	15773.2	14569.5
-7.5°	18185.2	18740.6	19125.4	19192.3	19125.4	18740.6	18185.2	17402.2	16413.2	15328.5	14177.0
-10°	17353.8	17860.0	18208.2	18287.6	18208.2	17860.0	17353.8	16619.5	15725.6	14718.9	13639.9
-12.5°	16359.3	16847.9	17163.2	17219.4	17163.2	16847.9	16359.3	15694.1	14912.5	13963.4	12984.1
-15°	15262.7	15734.1	15998.0	16094.7	15998.0	15734.1	15262.7	14648.6	13924.7	13102.7	12218.1
-17.5°	14104.7	14540.6	14763.8	14815.1	14763.8	14540.6	14104.7	13560.1	12911.7	12188.0	11402.2
-20°	12925.3	13275.7	13448.2	13537.0	13448.2	13275.7	12925.3	12442.0	11883.1	11247.0	10559.6



REPORT NUMBER: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-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°	11771.8	12065.0	12189.2	12257.4	12189.2	12065.0	11771.8	11346.4	10863.5	10312.5	9695.5
-25°	10647.7	10883.2	10990.4	11086.4	10990.4	10883.2	10647.7	10285.4	9856.4	9372.5	8820.8
-27.5°	9564.3	9754.3	9847.9	9909.5	9847.9	9754.3	9564.3	9254.1	8869.9	8448.3	7966.6
-30°	8523.0	8675.5	8750.3	8786.3	8750.3	8675.5	8523.0	8257.4	7921.2	7548.3	7128.5
-32.5°	7522.4	7655.2	7726.6	7800.5	7726.6	7655.2	7522.4	7300.0	7008.2	6673.2	6301.6
-35°	6564.3	6684.8	6750.5	6787.3	6750.5	6684.8	6564.3	6373.0	6119.3	5820.8	5482.0
-37.5°	5631.0	5746.2	5816.2	5863.8	5816.2	5746.2	5631.0	5460.8	5238.9	4974.4	4662.9
-40°	4716.2	4825.9	4897.8	4947.5	4897.8	4825.9	4716.2	4559.8	4361.8	4120.2	3856.7
-42.5°	3838.0	3929.3	3985.2	4006.7	3985.2	3929.3	3838.0	3710.1	3546.3	3343.7	3131.1
-45°	3081.2	3140.0	3179.9	3203.3	3179.9	3140.0	3081.2	2997.3	2883.6	2742.4	2582.2
-47.5°	2515.5	2554.1	2582.7	2602.6	2582.7	2554.1	2515.5	2458.7	2380.0	2281.8	2168.9
-50°	2081.3	2110.5	2129.0	2136.5	2129.0	2110.5	2081.3	2038.8	1982.3	1912.4	1831.5
-52.5°	1734.2	1754.5	1769.7	1779.0	1769.7	1754.5	1734.2	1704.6	1665.5	1615.2	1554.4
-55°	1467.7	1484.3	1491.8	1490.9	1491.8	1484.3	1467.7	1443.8	1412.7	1373.5	1328.9
-57.5°	1240.6	1253.2	1259.9	1260.8	1259.9	1253.2	1240.6	1223.2	1201.2	1174.3	1142.4
-60°	1055.9	1063.6	1068.5	1069.7	1068.5	1063.6	1055.9	1044.3	1028.6	1007.6	982.4
-62.5°	894.1	901.4	905.1	904.7	905.1	901.4	894.1	883.1	868.9	852.1	834.4
-65°	723.8	725.2	728.2	729.5	728.2	725.2	723.8	719.9	713.4	705.9	695.9
-67.5°	596.6	596.1	597.6	597.8	597.6	596.1	596.6	595.1	591.7	585.7	576.5
-70°	485.2	484.0	479.8	473.3	479.8	484.0	485.2	485.7	486.2	485.0	478.8
-72.5°	359.8	343.3	326.6	308.3	326.6	343.3	359.8	375.8	391.5	402.5	399.0
-75°	260.5	233.4	224.3	215.7	224.3	233.4	260.5	286.8	312.0	331.2	328.8
-77.5°	191.0	165.3	157.7	150.5	157.7	165.3	191.0	215.8	239.3	258.4	257.5
-80°	130.2	111.4	107.7	104.2	107.7	111.4	130.2	148.4	165.9	181.3	183.3
-82.5°	81.7	67.8	65.8	63.7	65.8	67.8	81.7	95.0	107.7	119.0	118.1
-85°	37.9	31.7	31.1	30.4	31.1	31.7	37.9	43.8	49.4	54.5	53.4
-87.5°	6.5	5.8	5.0	4.3	5.0	5.8	6.5	7.1	7.8	8.4	8.6
-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: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.8	9.0	9.2	9.6	10.0	10.4	10.6	10.3	10.0	9.6	9.2
85°	52.0	50.6	49.0	49.0	48.7	48.1	47.1	42.2	37.5	33.2	29.3
82.5°	116.6	114.6	112.0	108.1	104.2	100.2	95.7	85.6	75.8	66.4	58.6
80°	184.3	184.3	182.6	175.4	167.9	160.1	150.7	134.6	119.0	104.5	94.3
77.5°	256.2	254.5	251.0	241.4	231.7	221.9	209.6	188.7	167.9	147.9	134.9
75°	325.8	322.1	315.9	304.1	291.4	277.6	262.9	244.9	224.3	200.9	183.8
72.5°	394.5	389.1	380.9	368.4	354.3	339.4	323.8	306.2	286.0	263.0	245.8
70°	471.3	462.6	451.5	437.4	422.7	407.0	390.8	372.8	351.7	328.8	310.6
67.5°	565.1	551.3	535.6	518.9	502.9	484.2	465.2	444.6	423.3	399.2	376.3
65°	681.8	663.3	642.4	624.3	602.7	577.2	548.6	523.6	498.9	471.8	441.8
62.5°	816.3	798.2	769.3	739.6	710.8	681.7	646.9	611.9	578.2	544.2	509.1
60°	953.7	921.3	890.0	855.9	819.2	779.7	741.6	701.6	659.9	618.9	577.0
57.5°	1105.4	1065.4	1024.4	980.4	933.7	888.9	842.5	792.8	745.4	695.9	645.7
55°	1279.4	1231.2	1178.8	1121.3	1062.0	1008.6	952.0	895.1	837.5	775.1	719.7
52.5°	1485.9	1425.7	1358.5	1284.0	1214.4	1143.7	1070.0	1005.4	935.1	865.7	796.8
50°	1748.9	1663.6	1571.0	1477.1	1390.8	1297.5	1211.0	1126.0	1040.8	960.6	880.3
47.5°	2063.9	1951.0	1824.5	1707.9	1593.5	1478.0	1371.4	1259.1	1161.4	1060.3	971.1
45°	2447.1	2296.6	2134.1	1986.0	1825.2	1685.6	1549.8	1420.6	1292.3	1178.1	1064.2
42.5°	2936.7	2717.6	2511.2	2314.7	2112.2	1928.7	1747.6	1594.6	1444.0	1302.7	1174.3
40°	3566.5	3247.3	2982.3	2700.2	2455.1	2209.3	1993.0	1780.7	1609.7	1442.3	1285.6
37.5°	4310.1	3936.3	3558.0	3172.1	2852.8	2544.0	2265.5	2015.7	1782.9	1592.6	1411.9
35°	5096.4	4674.3	4221.1	3768.9	3302.8	2928.8	2574.9	2267.1	1995.6	1750.0	1541.8
32.5°	5881.0	5417.5	4918.6	4402.8	3879.1	3355.6	2930.8	2549.6	2209.8	1930.2	1683.8
30°	6665.2	6156.6	5610.1	5046.7	4472.2	3884.6	3305.1	2859.6	2460.8	2110.1	1826.6
27.5°	7452.0	6900.7	6302.7	5682.8	5063.5	4422.8	3780.6	3179.6	2713.6	2317.3	1983.4
25°	8239.5	7623.2	6981.1	6306.4	5631.1	4950.0	4240.5	3570.5	2997.3	2524.7	2127.9
22.5°	9029.5	8337.5	7621.7	6896.9	6170.8	5443.0	4700.3	3953.4	3266.0	2735.6	2297.0
20°	9810.1	9032.8	8249.3	7463.7	6681.0	5902.7	5126.2	4328.9	3581.9	2954.0	2454.8
17.5°	10562.0	9698.5	8847.8	7996.2	7159.0	6333.8	5508.1	4675.4	3863.9	3148.4	2594.2
15°	11278.0	10335.9	9412.0	8497.5	7594.1	6707.9	5846.3	4979.6	4120.4	3351.2	2747.0
12.5°	11953.7	10925.5	9919.0	8926.5	7966.5	7037.7	6141.9	5246.7	4362.1	3548.7	2883.2
10°	12530.7	11427.6	10344.4	9297.7	8289.0	7318.2	6385.9	5472.7	4569.2	3713.0	2994.6
7.5°	13000.0	11831.4	10689.1	9590.9	8541.9	7541.5	6574.3	5646.1	4733.2	3841.5	3080.6
5°	13342.9	12128.3	10944.6	9808.3	8717.0	7704.1	6707.2	5764.7	4852.0	3932.8	3140.8
2.5°	13555.5	12308.0	11096.5	9940.4	8819.0	7801.7	6784.4	5836.3	4919.9	3983.0	3178.5
0°	13594.9	12392.0	11144.3	9954.4	8877.5	7830.9	6804.7	5862.4	4937.4	3993.6	3190.3
-2.5°	13555.5	12308.0	11096.5	9940.4	8819.0	7801.7	6784.4	5836.3	4919.9	3983.0	3178.5
-5°	13342.9	12128.3	10944.6	9808.3	8717.0	7704.1	6707.2	5764.7	4852.0	3932.8	3140.8
-7.5°	13000.0	11831.4	10689.1	9590.9	8541.9	7541.5	6574.3	5646.1	4733.2	3841.5	3080.6
-10°	12530.7	11427.6	10344.4	9297.7	8289.0	7318.2	6385.9	5472.7	4569.2	3713.0	2994.6
-12.5°	11953.7	10925.5	9919.0	8926.5	7966.5	7037.7	6141.9	5246.7	4362.1	3548.7	2883.2
-15°	11278.0	10335.9	9412.0	8497.5	7594.1	6707.9	5846.3	4979.6	4120.4	3351.2	2747.0
-17.5°	10562.0	9698.5	8847.8	7996.2	7159.0	6333.8	5508.1	4675.4	3863.9	3148.4	2594.2
-20°	9810.1	9032.8	8249.3	7463.7	6681.0	5902.7	5126.2	4328.9	3581.9	2954.0	2454.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9029.5	8337.5	7621.7	6896.9	6170.8	5443.0	4700.3	3953.4	3266.0	2735.6	2297.0
-25°	8239.5	7623.2	6981.1	6306.4	5631.1	4950.0	4240.5	3570.5	2997.3	2524.7	2127.9
-27.5°	7452.0	6900.7	6302.7	5682.8	5063.5	4422.8	3780.6	3179.6	2713.6	2317.3	1983.4
-30°	6665.2	6156.6	5610.1	5046.7	4472.2	3884.6	3305.1	2859.6	2460.8	2110.1	1826.6
-32.5°	5881.0	5417.5	4918.6	4402.8	3879.1	3355.6	2930.8	2549.6	2209.8	1930.2	1683.8
-35°	5096.4	4674.3	4221.1	3768.9	3302.8	2928.8	2574.9	2267.1	1995.6	1750.0	1541.8
-37.5°	4310.1	3936.3	3558.0	3172.1	2852.8	2544.0	2265.5	2015.7	1782.9	1592.6	1411.9
-40°	3566.5	3247.3	2982.3	2700.2	2455.1	2209.3	1993.0	1780.7	1609.7	1442.3	1285.6
-42.5°	2936.7	2717.6	2511.2	2314.7	2112.2	1928.7	1747.6	1594.6	1444.0	1302.7	1174.3
-45°	2447.1	2296.6	2134.1	1986.0	1825.2	1685.6	1549.8	1420.6	1292.3	1178.1	1064.2
-47.5°	2063.9	1951.0	1824.5	1707.9	1593.5	1478.0	1371.4	1259.1	1161.4	1060.3	971.1
-50°	1748.9	1663.6	1571.0	1477.1	1390.8	1297.5	1211.0	1126.0	1040.8	960.6	880.3
-52.5°	1485.9	1425.7	1358.5	1284.0	1214.4	1143.7	1070.0	1005.4	935.1	865.7	796.8
-55°	1279.4	1231.2	1178.8	1121.3	1062.0	1008.6	952.0	895.1	837.5	775.1	719.7
-57.5°	1105.4	1065.4	1024.4	980.4	933.7	888.9	842.5	792.8	745.4	695.9	645.7
-60°	953.7	921.3	890.0	855.9	819.2	779.7	741.6	701.6	659.9	618.9	577.0
-62.5°	816.3	798.2	769.3	739.6	710.8	681.7	646.9	611.9	578.2	544.2	509.1
-65°	681.8	663.3	642.4	624.3	602.7	577.2	548.6	523.6	498.9	471.8	441.8
-67.5°	565.1	551.3	535.6	518.9	502.9	484.2	465.2	444.6	423.3	399.2	376.3
-70°	471.3	462.6	451.5	437.4	422.7	407.0	390.8	372.8	351.7	328.8	310.6
-72.5°	394.5	389.1	380.9	368.4	354.3	339.4	323.8	306.2	286.0	263.0	245.8
-75°	325.8	322.1	315.9	304.1	291.4	277.6	262.9	244.9	224.3	200.9	183.8
-77.5°	256.2	254.5	251.0	241.4	231.7	221.9	209.6	188.7	167.9	147.9	134.9
-80°	184.3	184.3	182.6	175.4	167.9	160.1	150.7	134.6	119.0	104.5	94.3
-82.5°	116.6	114.6	112.0	108.1	104.2	100.2	95.7	85.6	75.8	66.4	58.6
-85°	52.0	50.6	49.0	49.0	48.7	48.1	47.1	42.2	37.5	33.2	29.3
-87.5°	8.8	9.0	9.2	9.6	10.0	10.4	10.6	10.3	10.0	9.6	9.2
-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: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-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°	10.3	11.2	11.9	12.5	12.8	13.0	13.0	12.9	12.3	11.6	10.8
85°	30.7	31.3	31.2	30.3	28.3	26.1	26.1	25.7	24.7	23.3	21.5
82.5°	60.9	62.9	63.9	63.5	59.5	55.4	50.9	46.3	41.3	35.6	32.3
80°	97.9	100.1	100.8	99.1	92.1	84.6	78.1	71.4	64.8	57.3	49.0
77.5°	137.8	139.4	139.8	137.3	128.4	118.7	108.4	97.5	88.3	79.1	68.7
75°	180.7	181.2	180.9	176.2	165.3	152.9	140.4	126.9	113.4	100.8	88.4
72.5°	236.5	228.9	223.1	215.6	203.6	189.6	173.7	155.7	138.6	122.6	107.6
70°	294.7	278.7	266.2	254.7	241.3	226.6	208.9	186.4	163.5	144.0	125.8
67.5°	355.6	335.6	315.6	294.7	278.3	261.6	243.6	216.6	189.1	165.0	143.6
65°	414.8	390.2	367.5	340.3	316.5	296.2	275.9	245.2	213.9	185.7	161.0
62.5°	474.4	441.4	413.0	383.5	354.8	329.6	306.8	271.8	237.6	205.6	177.5
60°	535.7	497.1	458.4	424.4	391.9	361.3	332.8	297.6	260.5	224.5	193.2
57.5°	599.2	552.8	508.6	466.2	428.4	393.1	357.9	321.4	282.7	243.6	207.3
55°	663.3	610.9	558.9	510.4	465.6	425.5	383.9	344.1	303.9	262.4	218.5
52.5°	732.1	670.6	612.0	555.3	504.1	457.0	411.8	366.4	324.1	280.3	230.7
50°	805.0	734.0	667.0	603.6	542.3	489.9	438.9	390.8	343.9	297.7	242.2
47.5°	881.6	801.2	724.9	652.2	585.6	521.7	467.3	414.8	363.1	314.8	252.6
45°	965.9	870.3	784.4	704.6	627.2	557.8	495.3	438.0	383.9	327.2	262.0
42.5°	1050.6	944.8	846.1	755.3	672.6	594.2	522.2	462.0	403.9	338.4	271.2
40°	1148.3	1021.0	908.2	809.8	717.3	629.0	553.1	485.2	422.5	349.6	280.1
37.5°	1243.6	1103.0	976.0	861.8	761.5	668.3	583.0	507.3	437.2	361.8	288.2
35°	1355.9	1187.7	1040.5	916.9	807.0	705.8	611.0	529.8	453.4	373.4	295.4
32.5°	1464.9	1273.9	1113.2	973.2	849.9	741.2	640.9	552.8	469.8	384.6	301.8
30°	1584.7	1367.7	1181.6	1025.9	892.5	777.6	670.9	574.5	486.4	395.1	307.9
27.5°	1699.8	1454.1	1248.2	1081.8	937.5	811.7	698.7	594.8	503.0	406.1	315.5
25°	1813.9	1547.5	1321.7	1135.0	978.9	842.7	724.2	613.9	519.3	418.4	322.4
22.5°	1937.6	1637.9	1387.8	1182.8	1016.3	871.0	748.6	634.6	534.3	430.1	328.4
20°	2051.4	1719.5	1447.0	1228.6	1053.4	901.6	771.4	653.3	547.7	441.1	333.5
17.5°	2158.8	1802.4	1512.9	1278.1	1088.6	928.5	791.5	669.6	559.6	451.2	337.6
15°	2271.4	1884.8	1572.3	1321.0	1119.0	951.8	808.7	683.7	569.8	460.3	341.5
12.5°	2367.6	1954.4	1622.1	1357.1	1144.5	971.2	823.1	695.4	578.4	468.1	345.0
10°	2446.9	2011.0	1662.3	1386.3	1165.1	986.8	834.6	704.8	585.5	474.1	346.9
7.5°	2508.6	2054.2	1692.7	1408.3	1180.9	999.0	844.1	712.2	591.0	478.3	347.3
5°	2551.8	2084.4	1715.0	1423.8	1192.8	1007.8	850.9	717.1	594.7	480.6	346.3
2.5°	2574.5	2101.5	1728.8	1432.0	1199.7	1012.5	854.7	719.5	596.6	480.9	343.9
0°	2578.0	2104.7	1732.7	1433.0	1201.4	1013.2	855.5	719.4	596.4	479.1	340.2
-2.5°	2574.5	2101.5	1728.8	1432.0	1199.7	1012.5	854.7	719.5	596.6	480.9	343.9
-5°	2551.8	2084.4	1715.0	1423.8	1192.8	1007.8	850.9	717.1	594.7	480.6	346.3
-7.5°	2508.6	2054.2	1692.7	1408.3	1180.9	999.0	844.1	712.2	591.0	478.3	347.3
-10°	2446.9	2011.0	1662.3	1386.3	1165.1	986.8	834.6	704.8	585.5	474.1	346.9
-12.5°	2367.6	1954.4	1622.1	1357.1	1144.5	971.2	823.1	695.4	578.4	468.1	345.0
-15°	2271.4	1884.8	1572.3	1321.0	1119.0	951.8	808.7	683.7	569.8	460.3	341.5
-17.5°	2158.8	1802.4	1512.9	1278.1	1088.6	928.5	791.5	669.6	559.6	451.2	337.6
-20°	2051.4	1719.5	1447.0	1228.6	1053.4	901.6	771.4	653.3	547.7	441.1	333.5

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REPORT NUMBER: P627263 (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°	1937.6	1637.9	1387.8	1182.8	1016.3	871.0	748.6	634.6	534.3	430.1	328.4
-25°	1813.9	1547.5	1321.7	1135.0	978.9	842.7	724.2	613.9	519.3	418.4	322.4
-27.5°	1699.8	1454.1	1248.2	1081.8	937.5	811.7	698.7	594.8	503.0	406.1	315.5
-30°	1584.7	1367.7	1181.6	1025.9	892.5	777.6	670.9	574.5	486.4	395.1	307.9
-32.5°	1464.9	1273.9	1113.2	973.2	849.9	741.2	640.9	552.8	469.8	384.6	301.8
-35°	1355.9	1187.7	1040.5	916.9	807.0	705.8	611.0	529.8	453.4	373.4	295.4
-37.5°	1243.6	1103.0	976.0	861.8	761.5	668.3	583.0	507.3	437.2	361.8	288.2
-40°	1148.3	1021.0	908.2	809.8	717.3	629.0	553.1	485.2	422.5	349.6	280.1
-42.5°	1050.6	944.8	846.1	755.3	672.6	594.2	522.2	462.0	403.9	338.4	271.2
-45°	965.9	870.3	784.4	704.6	627.2	557.8	495.3	438.0	383.9	327.2	262.0
-47.5°	881.6	801.2	724.9	652.2	585.6	521.7	467.3	414.8	363.1	314.8	252.6
-50°	805.0	734.0	667.0	603.6	542.3	489.9	438.9	390.8	343.9	297.7	242.2
-52.5°	732.1	670.6	612.0	555.3	504.1	457.0	411.8	366.4	324.1	280.3	230.7
-55°	663.3	610.9	558.9	510.4	465.6	425.5	383.9	344.1	303.9	262.4	218.5
-57.5°	599.2	552.8	508.6	466.2	428.4	393.1	357.9	321.4	282.7	243.6	207.3
-60°	535.7	497.1	458.4	424.4	391.9	361.3	332.8	297.6	260.5	224.5	193.2
-62.5°	474.4	441.4	413.0	383.5	354.8	329.6	306.8	271.8	237.6	205.6	177.5
-65°	414.8	390.2	367.5	340.3	316.5	296.2	275.9	245.2	213.9	185.7	161.0
-67.5°	355.6	335.6	315.6	294.7	278.3	261.6	243.6	216.6	189.1	165.0	143.6
-70°	294.7	278.7	266.2	254.7	241.3	226.6	208.9	186.4	163.5	144.0	125.8
-72.5°	236.5	228.9	223.1	215.6	203.6	189.6	173.7	155.7	138.6	122.6	107.6
-75°	180.7	181.2	180.9	176.2	165.3	152.9	140.4	126.9	113.4	100.8	88.4
-77.5°	137.8	139.4	139.8	137.3	128.4	118.7	108.4	97.5	88.3	79.1	68.7
-80°	97.9	100.1	100.8	99.1	92.1	84.6	78.1	71.4	64.8	57.3	49.0
-82.5°	60.9	62.9	63.9	63.5	59.5	55.4	50.9	46.3	41.3	35.6	32.3
-85°	30.7	31.3	31.2	30.3	28.3	26.1	26.1	25.7	24.7	23.3	21.5
-87.5°	10.3	11.2	11.9	12.5	12.8	13.0	13.0	12.9	12.3	11.6	10.8
-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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REPORT NUMBER: P627263 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	9.7	7.6	5.6	3.9	2.4	1.0	0.0
85°	19.4	15.1	11.3	7.8	4.8	2.1	0.0
82.5°	29.0	22.6	16.9	11.7	7.2	3.1	0.0
80°	39.4	30.1	22.4	15.5	9.5	4.1	0.0
77.5°	56.3	39.1	27.8	19.3	11.8	5.2	0.0
75°	72.7	51.1	33.7	23.1	14.1	6.2	0.0
72.5°	88.6	62.8	41.8	26.7	16.3	7.1	0.0
70°	103.7	74.0	49.6	30.5	18.5	8.1	0.0
67.5°	116.7	84.7	57.0	35.3	20.6	9.0	0.0
65°	129.2	94.6	64.1	39.8	22.7	10.0	0.0
62.5°	140.9	103.5	70.8	44.1	24.6	10.8	0.0
60°	151.9	112.0	77.0	48.2	26.5	11.7	0.0
57.5°	161.8	119.8	82.8	51.9	28.8	12.5	0.0
55°	170.9	127.1	88.2	55.4	31.0	13.3	0.0
52.5°	179.3	133.7	93.1	58.6	33.2	14.1	0.0
50°	186.9	139.8	97.6	61.5	35.2	14.8	0.0
47.5°	194.0	145.3	101.6	64.2	37.1	15.5	0.0
45°	202.0	150.2	105.2	66.8	39.0	16.2	0.0
42.5°	209.0	154.4	108.2	69.1	40.7	16.8	0.0
40°	215.2	158.0	110.9	71.6	42.3	17.3	0.0
37.5°	220.5	160.9	113.4	74.2	43.9	17.8	0.0
35°	224.9	164.2	115.4	76.5	45.3	18.3	0.0
32.5°	229.0	167.3	116.9	78.7	46.5	18.8	0.0
30°	233.5	169.7	118.0	80.6	47.7	19.1	0.0
27.5°	237.2	171.4	120.5	82.4	48.8	19.5	0.0
25°	240.0	172.5	122.9	83.9	49.7	19.8	0.0
22.5°	242.1	173.8	125.1	85.1	50.5	20.0	0.0
20°	243.3	177.0	126.9	86.2	51.2	20.2	0.0
17.5°	246.0	179.6	128.5	87.0	51.7	20.4	0.0
15°	249.3	181.6	129.7	87.6	52.2	20.5	0.0
12.5°	251.6	183.1	130.6	88.0	52.5	20.6	0.0
10°	253.1	184.0	131.2	88.2	52.6	20.6	0.0
7.5°	253.7	184.4	131.5	88.2	52.7	20.6	0.0
5°	253.4	184.3	131.4	87.9	52.6	20.5	0.0
2.5°	252.3	183.6	131.0	87.5	52.4	20.4	0.0
0°	250.4	182.4	130.3	86.8	52.1	20.3	0.0
-2.5°	252.3	183.6	131.0	87.5	52.4	20.4	0.0
-5°	253.4	184.3	131.4	87.9	52.6	20.5	0.0
-7.5°	253.7	184.4	131.5	88.2	52.7	20.6	0.0
-10°	253.1	184.0	131.2	88.2	52.6	20.6	0.0
-12.5°	251.6	183.1	130.6	88.0	52.5	20.6	0.0
-15°	249.3	181.6	129.7	87.6	52.2	20.5	0.0
-17.5°	246.0	179.6	128.5	87.0	51.7	20.4	0.0
-20°	243.3	177.0	126.9	86.2	51.2	20.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	242.1	173.8	125.1	85.1	50.5	20.0	0.0
-25°	240.0	172.5	122.9	83.9	49.7	19.8	0.0
-27.5°	237.2	171.4	120.5	82.4	48.8	19.5	0.0
-30°	233.5	169.7	118.0	80.6	47.7	19.1	0.0
-32.5°	229.0	167.3	116.9	78.7	46.5	18.8	0.0
-35°	224.9	164.2	115.4	76.5	45.3	18.3	0.0
-37.5°	220.5	160.9	113.4	74.2	43.9	17.8	0.0
-40°	215.2	158.0	110.9	71.6	42.3	17.3	0.0
-42.5°	209.0	154.4	108.2	69.1	40.7	16.8	0.0
-45°	202.0	150.2	105.2	66.8	39.0	16.2	0.0
-47.5°	194.0	145.3	101.6	64.2	37.1	15.5	0.0
-50°	186.9	139.8	97.6	61.5	35.2	14.8	0.0
-52.5°	179.3	133.7	93.1	58.6	33.2	14.1	0.0
-55°	170.9	127.1	88.2	55.4	31.0	13.3	0.0
-57.5°	161.8	119.8	82.8	51.9	28.8	12.5	0.0
-60°	151.9	112.0	77.0	48.2	26.5	11.7	0.0
-62.5°	140.9	103.5	70.8	44.1	24.6	10.8	0.0
-65°	129.2	94.6	64.1	39.8	22.7	10.0	0.0
-67.5°	116.7	84.7	57.0	35.3	20.6	9.0	0.0
-70°	103.7	74.0	49.6	30.5	18.5	8.1	0.0
-72.5°	88.6	62.8	41.8	26.7	16.3	7.1	0.0
-75°	72.7	51.1	33.7	23.1	14.1	6.2	0.0
-77.5°	56.3	39.1	27.8	19.3	11.8	5.2	0.0
-80°	39.4	30.1	22.4	15.5	9.5	4.1	0.0
-82.5°	29.0	22.6	16.9	11.7	7.2	3.1	0.0
-85°	19.4	15.1	11.3	7.8	4.8	2.1	0.0
-87.5°	9.7	7.6	5.6	3.9	2.4	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)