

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: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-940-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

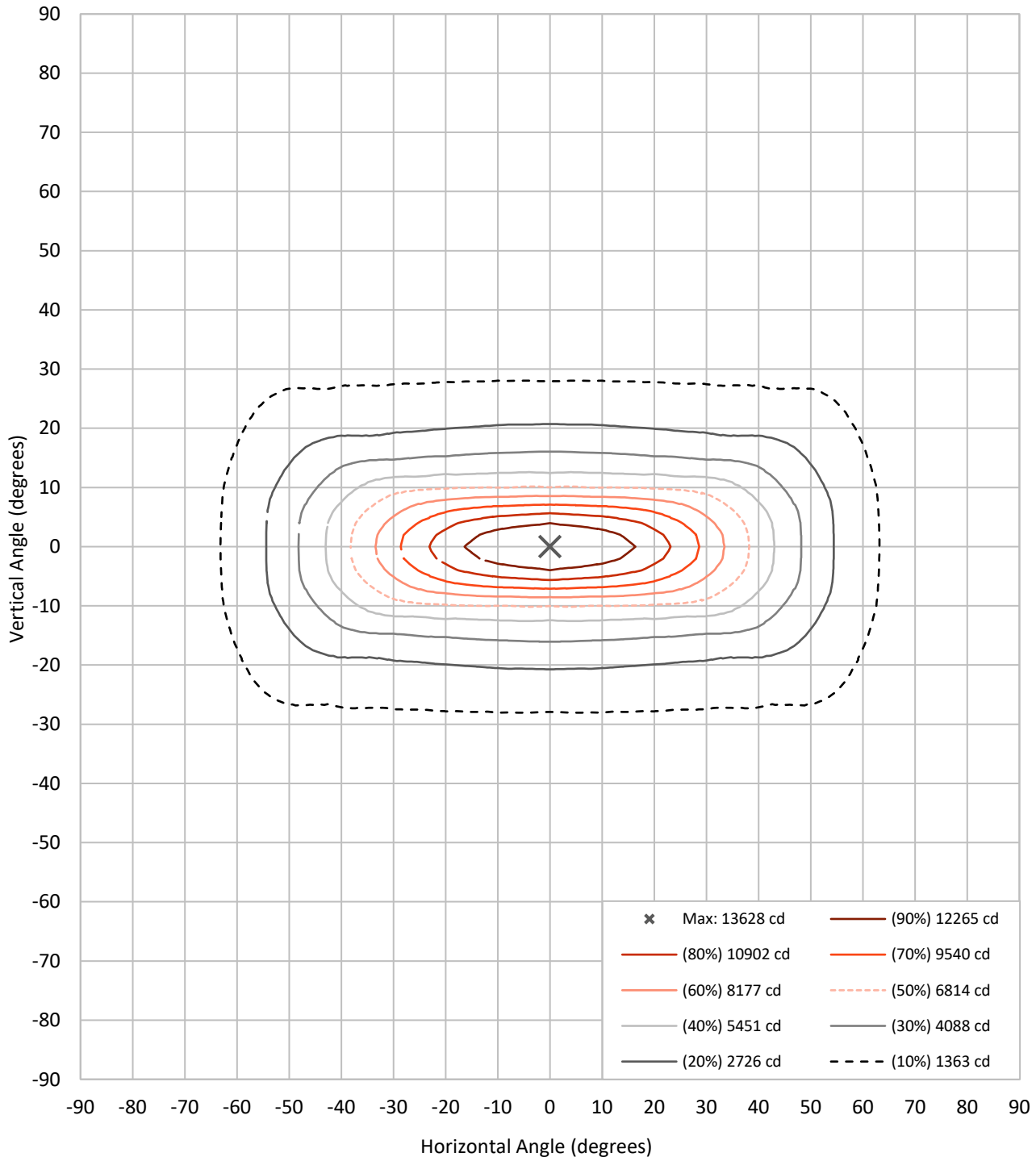
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	9760.1 lumens	Max Intensity:	13628 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3905 lumens	Field Lumens:	7999.4 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 91
Input Voltage (V): 120
Input Current (A_{in}): 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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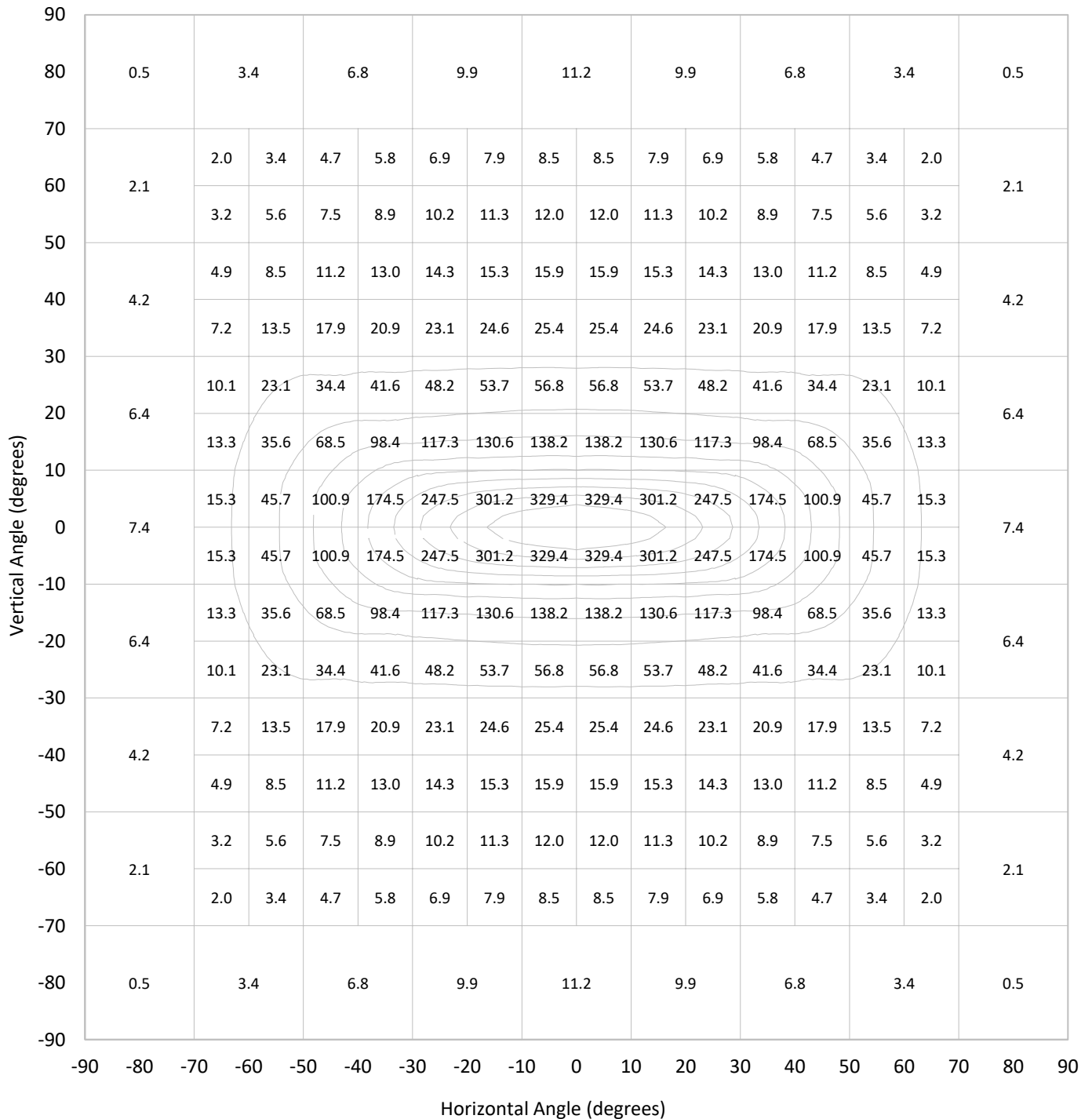
Iso-Candela Plot





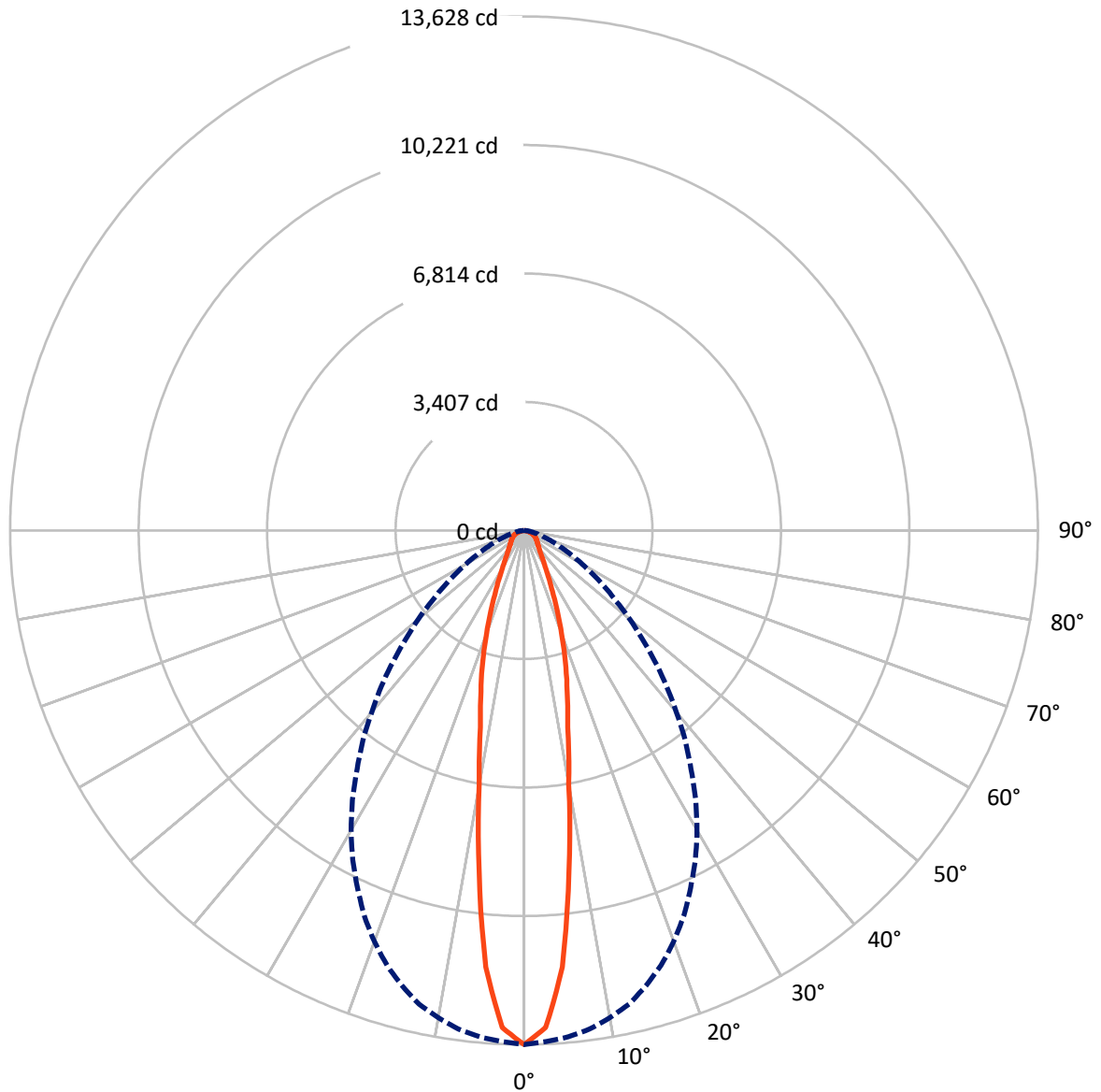
REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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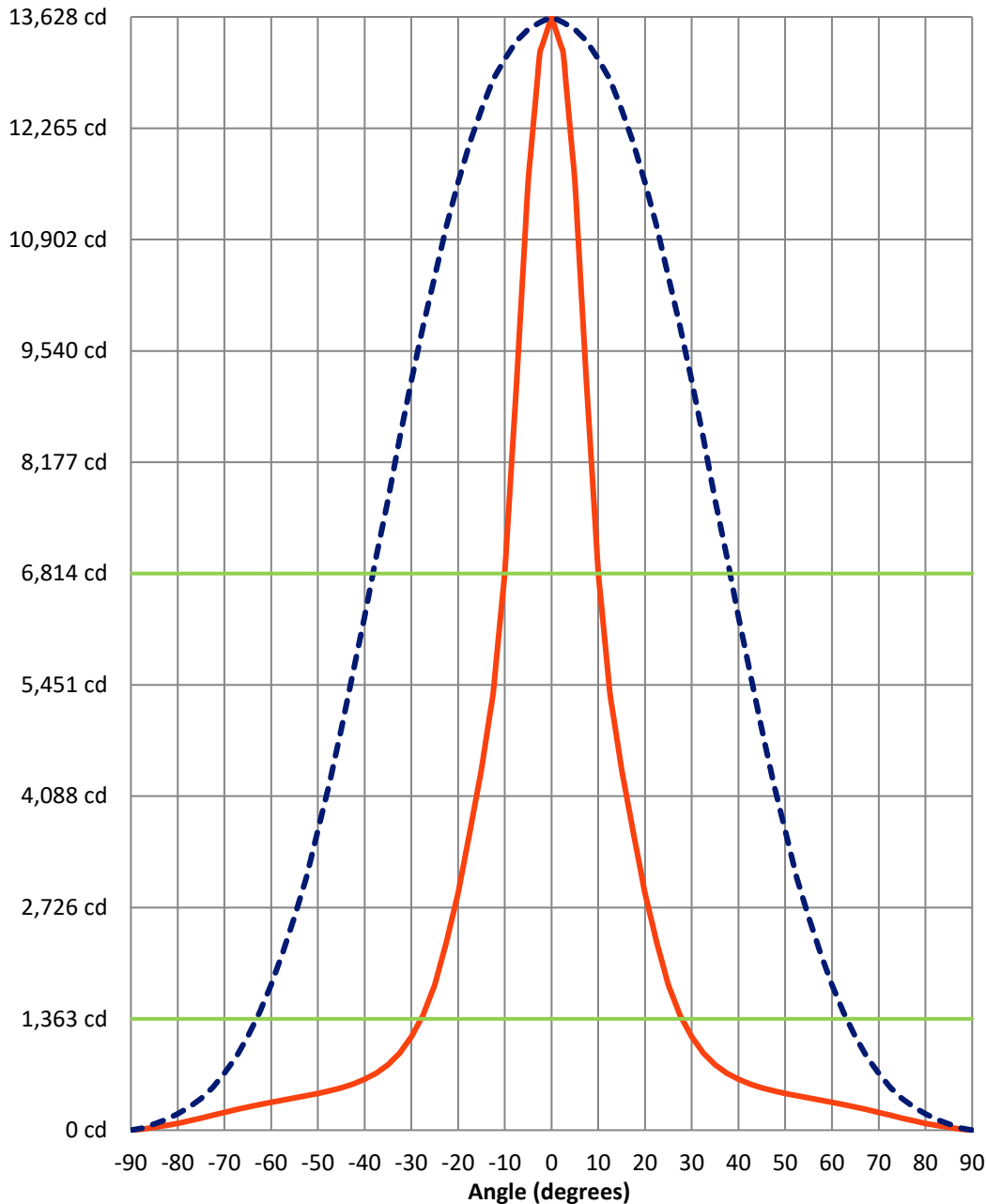
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 3905
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 7999.4
 Efficiency: 82.0%

Spill:
 Lumens: 1760.7
 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	1.1	2.3	3.2	4.1	4.8	5.4	6.2	6.8	7.5	8.0
85°	0.0	2.3	4.5	6.5	8.2	9.6	10.9	12.3	13.7	14.9	16.1
82.5°	0.0	3.4	6.8	9.7	12.2	14.4	16.3	18.5	20.9	25.0	28.6
80°	0.0	4.5	9.0	12.9	16.3	19.2	22.4	28.4	34.0	39.2	43.8
77.5°	0.0	5.6	11.2	16.1	20.3	25.6	32.9	40.3	47.1	53.4	59.3
75°	0.0	6.7	13.4	19.3	25.0	34.6	43.4	52.1	60.3	68.7	75.8
72.5°	0.0	7.8	15.6	22.4	32.5	43.6	53.9	64.3	75.1	84.5	92.5
70°	0.0	8.9	17.8	26.0	39.9	52.6	64.5	77.8	89.9	100.4	110.7
67.5°	0.0	9.9	19.9	31.7	47.2	61.5	76.6	91.3	104.7	118.4	129.5
65°	0.0	11.0	22.0	37.3	54.4	71.1	88.7	104.7	121.8	136.6	149.7
62.5°	0.0	12.0	24.0	42.7	61.6	81.5	100.8	119.8	139.0	155.7	172.7
60°	0.0	13.0	26.0	48.1	68.6	91.8	112.8	135.5	156.2	177.3	195.8
57.5°	0.0	14.0	29.5	53.4	76.9	102.0	126.4	151.3	175.5	198.9	220.9
55°	0.0	14.9	32.9	58.6	85.2	112.1	140.0	166.9	195.3	221.4	247.3
52.5°	0.0	15.8	36.3	63.7	93.3	122.3	153.5	184.5	215.1	246.9	274.5
50°	0.0	16.7	39.6	68.7	101.2	133.4	166.7	202.4	235.9	272.7	306.8
47.5°	0.0	17.6	42.7	73.8	109.0	144.4	180.2	220.3	259.7	299.0	340.7
45°	0.0	18.4	45.8	79.5	116.6	155.1	195.7	238.3	284.1	331.1	375.9
42.5°	0.0	19.2	48.7	85.0	124.0	165.5	211.1	258.3	308.5	363.9	416.0
40°	0.0	19.9	51.5	90.2	131.6	175.6	226.4	279.4	334.5	397.4	458.2
37.5°	0.0	20.6	54.2	95.0	139.4	185.4	241.5	300.2	364.1	432.5	501.7
35°	0.0	21.3	56.8	99.5	146.8	196.5	256.3	320.7	393.5	471.3	548.9
32.5°	0.0	21.9	59.2	103.7	154.0	208.2	271.5	340.9	422.7	510.7	600.8
30°	0.0	22.5	61.5	107.6	160.8	219.5	287.8	361.7	451.5	550.4	653.9
27.5°	0.0	23.1	63.6	111.2	166.5	230.3	303.5	385.2	481.8	590.3	707.9
25°	0.0	23.6	65.6	114.4	171.7	240.8	318.6	408.1	514.3	633.6	762.8
22.5°	0.0	24.0	67.4	117.3	176.5	250.1	333.0	430.1	546.3	678.5	822.7
20°	0.0	24.4	69.1	119.9	181.0	257.1	346.8	451.3	577.5	722.7	882.2
17.5°	0.0	24.8	70.5	122.2	185.0	263.4	357.1	471.4	607.6	766.0	940.6
15°	0.0	25.1	71.9	124.1	188.6	268.7	364.8	487.2	636.4	807.8	997.6
12.5°	0.0	25.4	73.0	125.7	191.7	273.2	371.4	497.5	657.0	848.0	1052.6
10°	0.0	25.6	74.0	127.0	194.4	276.9	376.9	506.0	670.2	866.9	1095.5
7.5°	0.0	25.8	74.8	128.0	196.5	279.7	381.2	512.7	680.9	879.4	1114.9
5°	0.0	25.9	75.4	128.6	198.2	281.6	384.3	517.7	689.0	888.0	1130.0
2.5°	0.0	26.0	75.8	129.0	199.4	282.7	386.3	520.8	694.3	892.8	1140.4
0°	0.0	26.0	76.0	129.0	200.0	283.0	387.0	522.0	697.0	894.0	1146.0
-2.5°	0.0	26.0	75.8	129.0	199.4	282.7	386.3	520.8	694.3	892.8	1140.4
-5°	0.0	25.9	75.4	128.6	198.2	281.6	384.3	517.7	689.0	888.0	1130.0
-7.5°	0.0	25.8	74.8	128.0	196.5	279.7	381.2	512.7	680.9	879.4	1114.9
-10°	0.0	25.6	74.0	127.0	194.4	276.9	376.9	506.0	670.2	866.9	1095.5
-12.5°	0.0	25.4	73.0	125.7	191.7	273.2	371.4	497.5	657.0	848.0	1052.6
-15°	0.0	25.1	71.9	124.1	188.6	268.7	364.8	487.2	636.4	807.8	997.6
-17.5°	0.0	24.8	70.5	122.2	185.0	263.4	357.1	471.4	607.6	766.0	940.6
-20°	0.0	24.4	69.1	119.9	181.0	257.1	346.8	451.3	577.5	722.7	882.2



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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	24.0	67.4	117.3	176.5	250.1	333.0	430.1	546.3	678.5	822.7
-25°	0.0	23.6	65.6	114.4	171.7	240.8	318.6	408.1	514.3	633.6	762.8
-27.5°	0.0	23.1	63.6	111.2	166.5	230.3	303.5	385.2	481.8	590.3	707.9
-30°	0.0	22.5	61.5	107.6	160.8	219.5	287.8	361.7	451.5	550.4	653.9
-32.5°	0.0	21.9	59.2	103.7	154.0	208.2	271.5	340.9	422.7	510.7	600.8
-35°	0.0	21.3	56.8	99.5	146.8	196.5	256.3	320.7	393.5	471.3	548.9
-37.5°	0.0	20.6	54.2	95.0	139.4	185.4	241.5	300.2	364.1	432.5	501.7
-40°	0.0	19.9	51.5	90.2	131.6	175.6	226.4	279.4	334.5	397.4	458.2
-42.5°	0.0	19.2	48.7	85.0	124.0	165.5	211.1	258.3	308.5	363.9	416.0
-45°	0.0	18.4	45.8	79.5	116.6	155.1	195.7	238.3	284.1	331.1	375.9
-47.5°	0.0	17.6	42.7	73.8	109.0	144.4	180.2	220.3	259.7	299.0	340.7
-50°	0.0	16.7	39.6	68.7	101.2	133.4	166.7	202.4	235.9	272.7	306.8
-52.5°	0.0	15.8	36.3	63.7	93.3	122.3	153.5	184.5	215.1	246.9	274.5
-55°	0.0	14.9	32.9	58.6	85.2	112.1	140.0	166.9	195.3	221.4	247.3
-57.5°	0.0	14.0	29.5	53.4	76.9	102.0	126.4	151.3	175.5	198.9	220.9
-60°	0.0	13.0	26.0	48.1	68.6	91.8	112.8	135.5	156.2	177.3	195.8
-62.5°	0.0	12.0	24.0	42.7	61.6	81.5	100.8	119.8	139.0	155.7	172.7
-65°	0.0	11.0	22.0	37.3	54.4	71.1	88.7	104.7	121.8	136.6	149.7
-67.5°	0.0	9.9	19.9	31.7	47.2	61.5	76.6	91.3	104.7	118.4	129.5
-70°	0.0	8.9	17.8	26.0	39.9	52.6	64.5	77.8	89.9	100.4	110.7
-72.5°	0.0	7.8	15.6	22.4	32.5	43.6	53.9	64.3	75.1	84.5	92.5
-75°	0.0	6.7	13.4	19.3	25.0	34.6	43.4	52.1	60.3	68.7	75.8
-77.5°	0.0	5.6	11.2	16.1	20.3	25.6	32.9	40.3	47.1	53.4	59.3
-80°	0.0	4.5	9.0	12.9	16.3	19.2	22.4	28.4	34.0	39.2	43.8
-82.5°	0.0	3.4	6.8	9.7	12.2	14.4	16.3	18.5	20.9	25.0	28.6
-85°	0.0	2.3	4.5	6.5	8.2	9.6	10.9	12.3	13.7	14.9	16.1
-87.5°	0.0	1.1	2.3	3.2	4.1	4.8	5.4	6.2	6.8	7.5	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.7	9.2	9.8	10.3	10.8	11.2	11.7	12.0	12.5	13.0	13.5
85°	17.3	18.5	20.5	22.1	23.6	24.9	26.0	26.9	27.9	28.7	29.3
82.5°	31.8	34.5	36.6	38.2	40.1	41.7	43.0	44.2	45.5	46.6	47.6
80°	47.6	50.6	53.7	56.4	59.1	61.1	62.4	62.9	64.5	66.5	68.6
77.5°	64.5	69.1	73.1	76.6	79.5	82.0	83.8	84.9	87.4	90.3	92.8
75°	82.0	87.6	93.2	98.2	102.0	104.9	107.0	108.7	111.8	115.6	118.9
72.5°	100.3	107.9	114.5	120.2	125.4	129.4	132.4	134.3	137.4	141.8	145.5
70°	119.6	128.2	137.2	144.6	150.1	154.8	158.7	161.4	164.1	168.7	172.1
67.5°	139.5	151.8	161.8	169.6	175.8	181.5	185.9	188.8	190.0	194.6	198.5
65°	162.9	176.1	187.2	196.0	202.2	209.3	214.2	216.7	217.4	222.4	227.2
62.5°	186.9	201.5	213.6	223.7	231.7	238.5	244.0	247.1	247.6	251.3	256.7
60°	212.4	227.3	241.8	253.9	262.5	269.5	275.5	278.7	279.4	280.9	287.1
57.5°	239.0	255.1	272.0	285.6	295.7	301.4	307.9	311.6	313.0	312.1	318.5
55°	267.9	284.7	303.8	319.6	330.3	335.6	341.7	346.9	348.7	347.5	351.3
52.5°	300.7	317.4	337.8	355.1	367.1	373.4	377.7	384.0	386.9	385.6	384.8
50°	335.2	356.2	373.0	392.9	407.3	415.6	415.7	423.5	427.3	426.1	421.0
47.5°	374.2	397.9	410.6	433.4	452.2	461.9	462.5	465.6	470.3	471.5	467.1
45°	416.3	445.2	458.9	479.2	500.3	512.2	515.8	510.2	518.5	521.1	518.3
42.5°	460.7	497.6	519.2	527.4	552.0	568.5	574.9	570.9	570.5	576.3	576.2
40°	511.9	554.3	586.8	595.3	607.7	630.5	644.1	643.3	628.2	639.0	641.8
37.5°	566.7	621.8	661.9	679.8	670.4	700.8	720.6	728.6	719.2	708.6	720.7
35°	624.4	694.0	748.0	778.5	779.8	779.1	810.1	826.7	827.9	808.4	812.8
32.5°	689.0	770.6	842.2	891.4	913.8	900.0	908.0	943.0	960.1	952.7	924.7
30°	758.2	858.4	946.3	1015.7	1065.6	1080.3	1047.1	1074.3	1112.2	1127.3	1115.2
27.5°	828.4	951.6	1063.0	1159.3	1236.6	1285.7	1286.8	1244.7	1287.7	1324.2	1338.3
25°	899.5	1044.9	1186.8	1317.3	1434.3	1518.6	1557.4	1561.9	1501.8	1556.5	1607.4
22.5°	975.4	1140.8	1309.3	1485.5	1648.7	1772.4	1866.5	1923.2	1921.3	1864.0	1908.7
20°	1055.7	1245.3	1441.4	1650.5	1873.0	2043.1	2200.7	2321.3	2393.8	2417.9	2371.0
17.5°	1135.9	1350.6	1580.2	1829.2	2086.6	2322.5	2558.6	2751.0	2903.4	3028.5	3073.2
15°	1215.0	1455.8	1719.4	2009.0	2306.6	2601.7	2905.4	3200.0	3459.3	3688.2	3823.9
12.5°	1292.4	1559.5	1857.6	2188.1	2529.6	2884.9	3247.2	3606.1	3979.7	4350.4	4632.2
10°	1366.9	1660.4	1992.9	2364.0	2752.4	3167.9	3588.4	4014.3	4468.1	4905.4	5326.4
7.5°	1398.8	1726.4	2109.5	2534.4	2971.4	3446.6	3924.5	4418.9	4949.1	5459.4	5973.5
5°	1418.5	1752.6	2142.2	2585.0	3071.1	3628.5	4198.7	4811.1	5416.2	6003.7	6609.4
2.5°	1431.6	1770.5	2164.1	2604.9	3085.9	3658.3	4235.7	4871.6	5550.5	6229.8	6950.9
0°	1438.0	1780.0	2175.0	2611.0	3084.0	3668.0	4250.0	4906.0	5594.0	6285.0	7023.0
-2.5°	1431.6	1770.5	2164.1	2604.9	3085.9	3658.3	4235.7	4871.6	5550.5	6229.8	6950.9
-5°	1418.5	1752.6	2142.2	2585.0	3071.1	3628.5	4198.7	4811.1	5416.2	6003.7	6609.4
-7.5°	1398.8	1726.4	2109.5	2534.4	2971.4	3446.6	3924.5	4418.9	4949.1	5459.4	5973.5
-10°	1366.9	1660.4	1992.9	2364.0	2752.4	3167.9	3588.4	4014.3	4468.1	4905.4	5326.4
-12.5°	1292.4	1559.5	1857.6	2188.1	2529.6	2884.9	3247.2	3606.1	3979.7	4350.4	4632.2
-15°	1215.0	1455.8	1719.4	2009.0	2306.6	2601.7	2905.4	3200.0	3459.3	3688.2	3823.9
-17.5°	1135.9	1350.6	1580.2	1829.2	2086.6	2322.5	2558.6	2751.0	2903.4	3028.5	3073.2
-20°	1055.7	1245.3	1441.4	1650.5	1873.0	2043.1	2200.7	2321.3	2393.8	2417.9	2371.0



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 CATALOG NUMBER: GFLD-SA3B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	975.4	1140.8	1309.3	1485.5	1648.7	1772.4	1866.5	1923.2	1921.3	1864.0	1908.7
-25°	899.5	1044.9	1186.8	1317.3	1434.3	1518.6	1557.4	1561.9	1501.8	1556.5	1607.4
-27.5°	828.4	951.6	1063.0	1159.3	1236.6	1285.7	1286.8	1244.7	1287.7	1324.2	1338.3
-30°	758.2	858.4	946.3	1015.7	1065.6	1080.3	1047.1	1074.3	1112.2	1127.3	1115.2
-32.5°	689.0	770.6	842.2	891.4	913.8	900.0	908.0	943.0	960.1	952.7	924.7
-35°	624.4	694.0	748.0	778.5	779.8	779.1	810.1	826.7	827.9	808.4	812.8
-37.5°	566.7	621.8	661.9	679.8	670.4	700.8	720.6	728.6	719.2	708.6	720.7
-40°	511.9	554.3	586.8	595.3	607.7	630.5	644.1	643.3	628.2	639.0	641.8
-42.5°	460.7	497.6	519.2	527.4	552.0	568.5	574.9	570.9	570.5	576.3	576.2
-45°	416.3	445.2	458.9	479.2	500.3	512.2	515.8	510.2	518.5	521.1	518.3
-47.5°	374.2	397.9	410.6	433.4	452.2	461.9	462.5	465.6	470.3	471.5	467.1
-50°	335.2	356.2	373.0	392.9	407.3	415.6	415.7	423.5	427.3	426.1	421.0
-52.5°	300.7	317.4	337.8	355.1	367.1	373.4	377.7	384.0	386.9	385.6	384.8
-55°	267.9	284.7	303.8	319.6	330.3	335.6	341.7	346.9	348.7	347.5	351.3
-57.5°	239.0	255.1	272.0	285.6	295.7	301.4	307.9	311.6	313.0	312.1	318.5
-60°	212.4	227.3	241.8	253.9	262.5	269.5	275.5	278.7	279.4	280.9	287.1
-62.5°	186.9	201.5	213.6	223.7	231.7	238.5	244.0	247.1	247.6	251.3	256.7
-65°	162.9	176.1	187.2	196.0	202.2	209.3	214.2	216.7	217.4	222.4	227.2
-67.5°	139.5	151.8	161.8	169.6	175.8	181.5	185.9	188.8	190.0	194.6	198.5
-70°	119.6	128.2	137.2	144.6	150.1	154.8	158.7	161.4	164.1	168.7	172.1
-72.5°	100.3	107.9	114.5	120.2	125.4	129.4	132.4	134.3	137.4	141.8	145.5
-75°	82.0	87.6	93.2	98.2	102.0	104.9	107.0	108.7	111.8	115.6	118.9
-77.5°	64.5	69.1	73.1	76.6	79.5	82.0	83.8	84.9	87.4	90.3	92.8
-80°	47.6	50.6	53.7	56.4	59.1	61.1	62.4	62.9	64.5	66.5	68.6
-82.5°	31.8	34.5	36.6	38.2	40.1	41.7	43.0	44.2	45.5	46.6	47.6
-85°	17.3	18.5	20.5	22.1	23.6	24.9	26.0	26.9	27.9	28.7	29.3
-87.5°	8.7	9.2	9.8	10.3	10.8	11.2	11.7	12.0	12.5	13.0	13.5
-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: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-NAT-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°	13.9	13.7	13.4	13.1	12.7	12.7	12.7	12.6	12.6	12.4	12.3
85°	29.8	30.3	30.9	31.4	31.9	32.4	32.8	33.2	33.5	33.5	33.4
82.5°	48.5	50.1	51.7	53.2	54.7	55.4	56.0	56.4	56.6	57.0	57.4
80°	70.4	72.7	74.9	76.8	78.3	79.4	80.3	81.0	81.5	82.1	82.5
77.5°	95.2	97.8	100.4	102.6	104.5	106.3	107.8	109.0	109.9	111.3	112.6
75°	121.6	124.6	127.7	130.5	133.0	135.7	138.3	140.6	142.8	144.6	145.9
72.5°	148.3	151.4	155.3	158.9	162.2	165.8	169.2	172.3	175.0	177.4	179.7
70°	174.6	177.6	182.5	187.3	191.8	196.1	200.3	204.0	207.4	210.6	213.5
67.5°	201.8	204.9	211.1	216.7	221.6	226.3	231.2	235.6	239.4	242.8	245.7
65°	230.9	233.6	240.3	246.3	251.6	256.0	261.3	266.0	270.3	274.0	277.2
62.5°	260.9	263.6	269.2	275.1	280.1	284.4	290.6	295.9	300.5	304.3	307.5
60°	291.4	293.7	298.0	304.6	310.2	314.8	320.2	325.5	329.9	333.6	337.0
57.5°	323.0	325.4	327.5	334.1	339.5	343.6	348.4	353.5	357.8	361.4	364.8
55°	355.7	357.5	356.9	363.0	368.1	371.5	375.0	380.5	384.7	387.9	391.0
52.5°	389.1	391.3	389.8	392.4	397.9	401.0	402.5	408.4	412.7	415.5	418.4
50°	426.3	428.1	426.8	425.3	430.6	433.8	434.7	439.4	443.4	445.6	447.6
47.5°	466.7	468.9	467.8	462.0	466.7	470.8	470.9	472.9	477.0	478.6	479.9
45°	510.6	514.8	513.9	509.8	509.2	513.3	512.9	511.3	516.0	518.1	518.8
42.5°	568.2	566.8	568.1	565.8	558.5	563.2	563.8	557.9	563.8	566.4	564.9
40°	638.7	625.8	632.9	631.9	625.1	624.1	627.7	622.9	623.8	627.5	624.7
37.5°	722.6	713.4	709.5	712.7	710.7	702.0	709.0	707.3	701.8	707.9	705.2
35°	825.8	823.1	802.3	815.0	817.6	809.3	811.7	815.3	803.4	812.7	811.8
32.5°	946.5	952.7	948.2	940.4	952.2	953.7	940.1	956.5	949.9	952.2	958.6
30°	1083.3	1114.6	1129.9	1116.3	1123.6	1138.2	1131.5	1142.9	1148.3	1139.8	1155.9
27.5°	1322.1	1311.0	1347.6	1363.5	1346.5	1373.1	1392.4	1383.9	1412.2	1395.4	1419.3
25°	1625.7	1609.3	1619.1	1671.7	1683.4	1669.9	1724.4	1730.8	1753.3	1756.0	1772.7
22.5°	1982.3	2021.8	2017.2	2033.2	2099.3	2121.4	2141.5	2194.0	2182.0	2229.5	2237.8
20°	2381.1	2480.3	2548.6	2563.0	2591.3	2667.3	2702.1	2743.5	2771.2	2816.2	2854.3
17.5°	3055.7	3004.8	3138.9	3223.1	3267.4	3283.2	3374.7	3404.6	3473.3	3512.6	3551.6
15°	3921.8	3951.4	3890.9	3971.2	4106.8	4152.6	4099.9	4222.9	4257.4	4323.6	4335.3
12.5°	4847.5	4997.4	5070.9	5090.8	5019.9	5212.8	5290.1	5193.1	5303.1	5283.3	5373.8
10°	5730.8	6095.0	6312.9	6466.2	6559.4	6615.6	6671.4	6771.6	6773.4	6847.6	6804.3
7.5°	6456.0	6917.7	7358.7	7786.5	8128.8	8320.6	8471.3	8615.7	8808.5	8900.8	8960.8
5°	7165.5	7698.2	8225.9	8744.5	9214.1	9665.9	10108.7	10492.9	10696.4	10934.3	11146.4
2.5°	7624.4	8298.2	8972.1	9639.6	10182.2	10680.2	11141.1	11569.1	11944.6	12292.0	12585.4
0°	7714.0	8468.0	9171.0	9837.0	10448.0	11063.0	11600.0	12084.0	12493.0	12862.0	13111.0
-2.5°	7624.4	8298.2	8972.1	9639.6	10182.2	10680.2	11141.1	11569.1	11944.6	12292.0	12585.4
-5°	7165.5	7698.2	8225.9	8744.5	9214.1	9665.9	10108.7	10492.9	10696.4	10934.3	11146.4
-7.5°	6456.0	6917.7	7358.7	7786.5	8128.8	8320.6	8471.3	8615.7	8808.5	8900.8	8960.8
-10°	5730.8	6095.0	6312.9	6466.2	6559.4	6615.6	6671.4	6771.6	6773.4	6847.6	6804.3
-12.5°	4847.5	4997.4	5070.9	5090.8	5019.9	5212.8	5290.1	5193.1	5303.1	5283.3	5373.8
-15°	3921.8	3951.4	3890.9	3971.2	4106.8	4152.6	4099.9	4222.9	4257.4	4323.6	4335.3
-17.5°	3055.7	3004.8	3138.9	3223.1	3267.4	3283.2	3374.7	3404.6	3473.3	3512.6	3551.6
-20°	2381.1	2480.3	2548.6	2563.0	2591.3	2667.3	2702.1	2743.5	2771.2	2816.2	2854.3



REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1982.3	2021.8	2017.2	2033.2	2099.3	2121.4	2141.5	2194.0	2182.0	2229.5	2237.8
-25°	1625.7	1609.3	1619.1	1671.7	1683.4	1669.9	1724.4	1730.8	1753.3	1756.0	1772.7
-27.5°	1322.1	1311.0	1347.6	1363.5	1346.5	1373.1	1392.4	1383.9	1412.2	1395.4	1419.3
-30°	1083.3	1114.6	1129.9	1116.3	1123.6	1138.2	1131.5	1142.9	1148.3	1139.8	1155.9
-32.5°	946.5	952.7	948.2	940.4	952.2	953.7	940.1	956.5	949.9	952.2	958.6
-35°	825.8	823.1	802.3	815.0	817.6	809.3	811.7	815.3	803.4	812.7	811.8
-37.5°	722.6	713.4	709.5	712.7	710.7	702.0	709.0	707.3	701.8	707.9	705.2
-40°	638.7	625.8	632.9	631.9	625.1	624.1	627.7	622.9	623.8	627.5	624.7
-42.5°	568.2	566.8	568.1	565.8	558.5	563.2	563.8	557.9	563.8	566.4	564.9
-45°	510.6	514.8	513.9	509.8	509.2	513.3	512.9	511.3	516.0	518.1	518.8
-47.5°	466.7	468.9	467.8	462.0	466.7	470.8	470.9	472.9	477.0	478.6	479.9
-50°	426.3	428.1	426.8	425.3	430.6	433.8	434.7	439.4	443.4	445.6	447.6
-52.5°	389.1	391.3	389.8	392.4	397.9	401.0	402.5	408.4	412.7	415.5	418.4
-55°	355.7	357.5	356.9	363.0	368.1	371.5	375.0	380.5	384.7	387.9	391.0
-57.5°	323.0	325.4	327.5	334.1	339.5	343.6	348.4	353.5	357.8	361.4	364.8
-60°	291.4	293.7	298.0	304.6	310.2	314.8	320.2	325.5	329.9	333.6	337.0
-62.5°	260.9	263.6	269.2	275.1	280.1	284.4	290.6	295.9	300.5	304.3	307.5
-65°	230.9	233.6	240.3	246.3	251.6	256.0	261.3	266.0	270.3	274.0	277.2
-67.5°	201.8	204.9	211.1	216.7	221.6	226.3	231.2	235.6	239.4	242.8	245.7
-70°	174.6	177.6	182.5	187.3	191.8	196.1	200.3	204.0	207.4	210.6	213.5
-72.5°	148.3	151.4	155.3	158.9	162.2	165.8	169.2	172.3	175.0	177.4	179.7
-75°	121.6	124.6	127.7	130.5	133.0	135.7	138.3	140.6	142.8	144.6	145.9
-77.5°	95.2	97.8	100.4	102.6	104.5	106.3	107.8	109.0	109.9	111.3	112.6
-80°	70.4	72.7	74.9	76.8	78.3	79.4	80.3	81.0	81.5	82.1	82.5
-82.5°	48.5	50.1	51.7	53.2	54.7	55.4	56.0	56.4	56.6	57.0	57.4
-85°	29.8	30.3	30.9	31.4	31.9	32.4	32.8	33.2	33.5	33.5	33.4
-87.5°	13.9	13.7	13.4	13.1	12.7	12.7	12.7	12.6	12.6	12.4	12.3
-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: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	12.1	12.0	12.5	13.0	12.5	12.0	12.1	12.3	12.4	12.6	12.6
85°	33.1	32.8	33.5	34.0	33.5	32.8	33.1	33.4	33.5	33.5	33.2
82.5°	57.6	57.7	57.9	58.0	57.9	57.7	57.6	57.4	57.0	56.6	56.4
80°	82.6	82.6	82.4	82.0	82.4	82.6	82.6	82.5	82.1	81.5	81.0
77.5°	113.6	114.4	114.8	115.0	114.8	114.4	113.6	112.6	111.3	109.9	109.0
75°	146.8	147.3	147.3	147.0	147.3	147.3	146.8	145.9	144.6	142.8	140.6
72.5°	181.5	183.0	183.3	183.0	183.3	183.0	181.5	179.7	177.4	175.0	172.3
70°	215.9	217.8	217.8	217.0	217.8	217.8	215.9	213.5	210.6	207.4	204.0
67.5°	248.1	249.8	251.2	252.0	251.2	249.8	248.1	245.7	242.8	239.4	235.6
65°	279.8	281.6	282.7	283.0	282.7	281.6	279.8	277.2	274.0	270.3	266.0
62.5°	309.9	311.6	312.7	313.0	312.7	311.6	309.9	307.5	304.3	300.5	295.9
60°	339.6	341.5	341.8	341.0	341.8	341.5	339.6	337.0	333.6	329.9	325.5
57.5°	367.5	369.4	369.4	368.0	369.4	369.4	367.5	364.8	361.4	357.8	353.5
55°	393.3	394.7	395.2	395.0	395.2	394.7	393.3	391.0	387.9	384.7	380.5
52.5°	420.6	421.7	422.2	422.0	422.2	421.7	420.6	418.4	415.5	412.7	408.4
50°	449.1	449.2	449.2	449.0	449.2	449.2	449.1	447.6	445.6	443.4	439.4
47.5°	481.6	481.9	482.0	482.0	482.0	481.9	481.6	479.9	478.6	477.0	472.9
45°	520.1	519.0	517.9	518.0	517.9	519.0	520.1	518.8	518.1	516.0	511.3
42.5°	566.3	565.1	563.6	564.0	563.6	565.1	566.3	564.9	566.4	563.8	557.9
40°	627.1	626.8	624.7	624.0	624.7	626.8	627.1	624.7	627.5	623.8	622.9
37.5°	705.7	704.5	700.0	698.0	700.0	704.5	705.7	705.2	707.9	701.8	707.3
35°	809.0	807.4	800.5	801.0	800.5	807.4	809.0	811.8	812.7	803.4	815.3
32.5°	955.4	956.0	945.4	943.0	945.4	956.0	955.4	958.6	952.2	949.9	956.5
30°	1145.9	1150.1	1137.7	1143.0	1137.7	1150.1	1145.9	1155.9	1139.8	1148.3	1142.9
27.5°	1418.9	1426.9	1415.9	1407.0	1415.9	1426.9	1418.9	1419.3	1395.4	1412.2	1383.9
25°	1794.6	1800.5	1788.0	1777.0	1788.0	1800.5	1794.6	1772.7	1756.0	1753.3	1730.8
22.5°	2283.7	2283.3	2282.7	2300.0	2282.7	2283.3	2283.7	2237.8	2229.5	2182.0	2194.0
20°	2878.8	2864.4	2886.0	2900.0	2886.0	2864.4	2878.8	2854.3	2816.2	2771.2	2743.5
17.5°	3560.7	3587.7	3608.4	3643.0	3608.4	3587.7	3560.7	3551.6	3512.6	3473.3	3404.6
15°	4364.6	4405.4	4426.1	4415.0	4426.1	4405.4	4364.6	4335.3	4323.6	4257.4	4222.9
12.5°	5377.0	5425.7	5389.8	5345.0	5389.8	5425.7	5377.0	5373.8	5283.3	5303.1	5193.1
10°	6804.9	6909.7	6915.6	6828.0	6915.6	6909.7	6804.9	6804.3	6847.6	6773.4	6771.6
7.5°	8995.7	9046.7	9124.1	9128.0	9124.1	9046.7	8995.7	8960.8	8900.8	8808.5	8615.7
5°	11242.5	11378.2	11465.7	11617.0	11465.7	11378.2	11242.5	11146.4	10934.3	10696.4	10492.9
2.5°	12774.8	12950.3	13017.6	13189.0	13017.6	12950.3	12774.8	12585.4	12292.0	11944.6	11569.1
0°	13333.0	13475.0	13560.0	13628.0	13560.0	13475.0	13333.0	13111.0	12862.0	12493.0	12084.0
-2.5°	12774.8	12950.3	13017.6	13189.0	13017.6	12950.3	12774.8	12585.4	12292.0	11944.6	11569.1
-5°	11242.5	11378.2	11465.7	11617.0	11465.7	11378.2	11242.5	11146.4	10934.3	10696.4	10492.9
-7.5°	8995.7	9046.7	9124.1	9128.0	9124.1	9046.7	8995.7	8960.8	8900.8	8808.5	8615.7
-10°	6804.9	6909.7	6915.6	6828.0	6915.6	6909.7	6804.9	6804.3	6847.6	6773.4	6771.6
-12.5°	5377.0	5425.7	5389.8	5345.0	5389.8	5425.7	5377.0	5373.8	5283.3	5303.1	5193.1
-15°	4364.6	4405.4	4426.1	4415.0	4426.1	4405.4	4364.6	4335.3	4323.6	4257.4	4222.9
-17.5°	3560.7	3587.7	3608.4	3643.0	3608.4	3587.7	3560.7	3551.6	3512.6	3473.3	3404.6
-20°	2878.8	2864.4	2886.0	2900.0	2886.0	2864.4	2878.8	2854.3	2816.2	2771.2	2743.5



REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2283.7	2283.3	2282.7	2300.0	2282.7	2283.3	2283.7	2237.8	2229.5	2182.0	2194.0
-25°	1794.6	1800.5	1788.0	1777.0	1788.0	1800.5	1794.6	1772.7	1756.0	1753.3	1730.8
-27.5°	1418.9	1426.9	1415.9	1407.0	1415.9	1426.9	1418.9	1419.3	1395.4	1412.2	1383.9
-30°	1145.9	1150.1	1137.7	1143.0	1137.7	1150.1	1145.9	1155.9	1139.8	1148.3	1142.9
-32.5°	955.4	956.0	945.4	943.0	945.4	956.0	955.4	958.6	952.2	949.9	956.5
-35°	809.0	807.4	800.5	801.0	800.5	807.4	809.0	811.8	812.7	803.4	815.3
-37.5°	705.7	704.5	700.0	698.0	700.0	704.5	705.7	705.2	707.9	701.8	707.3
-40°	627.1	626.8	624.7	624.0	624.7	626.8	627.1	624.7	627.5	623.8	622.9
-42.5°	566.3	565.1	563.6	564.0	563.6	565.1	566.3	564.9	566.4	563.8	557.9
-45°	520.1	519.0	517.9	518.0	517.9	519.0	520.1	518.8	518.1	516.0	511.3
-47.5°	481.6	481.9	482.0	482.0	482.0	481.9	481.6	479.9	478.6	477.0	472.9
-50°	449.1	449.2	449.2	449.0	449.2	449.2	449.1	447.6	445.6	443.4	439.4
-52.5°	420.6	421.7	422.2	422.0	422.2	421.7	420.6	418.4	415.5	412.7	408.4
-55°	393.3	394.7	395.2	395.0	395.2	394.7	393.3	391.0	387.9	384.7	380.5
-57.5°	367.5	369.4	369.4	368.0	369.4	369.4	367.5	364.8	361.4	357.8	353.5
-60°	339.6	341.5	341.8	341.0	341.8	341.5	339.6	337.0	333.6	329.9	325.5
-62.5°	309.9	311.6	312.7	313.0	312.7	311.6	309.9	307.5	304.3	300.5	295.9
-65°	279.8	281.6	282.7	283.0	282.7	281.6	279.8	277.2	274.0	270.3	266.0
-67.5°	248.1	249.8	251.2	252.0	251.2	249.8	248.1	245.7	242.8	239.4	235.6
-70°	215.9	217.8	217.8	217.0	217.8	217.8	215.9	213.5	210.6	207.4	204.0
-72.5°	181.5	183.0	183.3	183.0	183.3	183.0	181.5	179.7	177.4	175.0	172.3
-75°	146.8	147.3	147.3	147.0	147.3	147.3	146.8	145.9	144.6	142.8	140.6
-77.5°	113.6	114.4	114.8	115.0	114.8	114.4	113.6	112.6	111.3	109.9	109.0
-80°	82.6	82.6	82.4	82.0	82.4	82.6	82.6	82.5	82.1	81.5	81.0
-82.5°	57.6	57.7	57.9	58.0	57.9	57.7	57.6	57.4	57.0	56.6	56.4
-85°	33.1	32.8	33.5	34.0	33.5	32.8	33.1	33.4	33.5	33.5	33.2
-87.5°	12.1	12.0	12.5	13.0	12.5	12.0	12.1	12.3	12.4	12.6	12.6
-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: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.7	12.7	12.7	13.1	13.4	13.7	13.9	13.5	13.0	12.5	12.0
85°	32.8	32.4	31.9	31.4	30.9	30.3	29.8	29.3	28.7	27.9	26.9
82.5°	56.0	55.4	54.7	53.2	51.7	50.1	48.5	47.6	46.6	45.5	44.2
80°	80.3	79.4	78.3	76.8	74.9	72.7	70.4	68.6	66.5	64.5	62.9
77.5°	107.8	106.3	104.5	102.6	100.4	97.8	95.2	92.8	90.3	87.4	84.9
75°	138.3	135.7	133.0	130.5	127.7	124.6	121.6	118.9	115.6	111.8	108.7
72.5°	169.2	165.8	162.2	158.9	155.3	151.4	148.3	145.5	141.8	137.4	134.3
70°	200.3	196.1	191.8	187.3	182.5	177.6	174.6	172.1	168.7	164.1	161.4
67.5°	231.2	226.3	221.6	216.7	211.1	204.9	201.8	198.5	194.6	190.0	188.8
65°	261.3	256.0	251.6	246.3	240.3	233.6	230.9	227.2	222.4	217.4	216.7
62.5°	290.6	284.4	280.1	275.1	269.2	263.6	260.9	256.7	251.3	247.6	247.1
60°	320.2	314.8	310.2	304.6	298.0	293.7	291.4	287.1	280.9	279.4	278.7
57.5°	348.4	343.6	339.5	334.1	327.5	325.4	323.0	318.5	312.1	313.0	311.6
55°	375.0	371.5	368.1	363.0	356.9	357.5	355.7	351.3	347.5	348.7	346.9
52.5°	402.5	401.0	397.9	392.4	389.8	391.3	389.1	384.8	385.6	386.9	384.0
50°	434.7	433.8	430.6	425.3	426.8	428.1	426.3	421.0	426.1	427.3	423.5
47.5°	470.9	470.8	466.7	462.0	467.8	468.9	466.7	467.1	471.5	470.3	465.6
45°	512.9	513.3	509.2	509.8	513.9	514.8	510.6	518.3	521.1	518.5	510.2
42.5°	563.8	563.2	558.5	565.8	568.1	566.8	568.2	576.2	576.3	570.5	570.9
40°	627.7	624.1	625.1	631.9	632.9	625.8	638.7	641.8	639.0	628.2	643.3
37.5°	709.0	702.0	710.7	712.7	709.5	713.4	722.6	720.7	708.6	719.2	728.6
35°	811.7	809.3	817.6	815.0	802.3	823.1	825.8	812.8	808.4	827.9	826.7
32.5°	940.1	953.7	952.2	940.4	948.2	952.7	946.5	924.7	952.7	960.1	943.0
30°	1131.5	1138.2	1123.6	1116.3	1129.9	1114.6	1083.3	1115.2	1127.3	1112.2	1074.3
27.5°	1392.4	1373.1	1346.5	1363.5	1347.6	1311.0	1322.1	1338.3	1324.2	1287.7	1244.7
25°	1724.4	1669.9	1683.4	1671.7	1619.1	1609.3	1625.7	1607.4	1556.5	1501.8	1561.9
22.5°	2141.5	2121.4	2099.3	2033.2	2017.2	2021.8	1982.3	1908.7	1864.0	1921.3	1923.2
20°	2702.1	2667.3	2591.3	2563.0	2548.6	2480.3	2381.1	2371.0	2417.9	2393.8	2321.3
17.5°	3374.7	3283.2	3267.4	3223.1	3138.9	3004.8	3055.7	3073.2	3028.5	2903.4	2751.0
15°	4099.9	4152.6	4106.8	3971.2	3890.9	3951.4	3921.8	3823.9	3688.2	3459.3	3200.0
12.5°	5290.1	5212.8	5019.9	5090.8	5070.9	4997.4	4847.5	4632.2	4350.4	3979.7	3606.1
10°	6671.4	6615.6	6559.4	6466.2	6312.9	6095.0	5730.8	5326.4	4905.4	4468.1	4014.3
7.5°	8471.3	8320.6	8128.8	7786.5	7358.7	6917.7	6456.0	5973.5	5459.4	4949.1	4418.9
5°	10108.7	9665.9	9214.1	8744.5	8225.9	7698.2	7165.5	6609.4	6003.7	5416.2	4811.1
2.5°	11141.1	10680.2	10182.2	9639.6	8972.1	8298.2	7624.4	6950.9	6229.8	5550.5	4871.6
0°	11600.0	11063.0	10448.0	9837.0	9171.0	8468.0	7714.0	7023.0	6285.0	5594.0	4906.0
-2.5°	11141.1	10680.2	10182.2	9639.6	8972.1	8298.2	7624.4	6950.9	6229.8	5550.5	4871.6
-5°	10108.7	9665.9	9214.1	8744.5	8225.9	7698.2	7165.5	6609.4	6003.7	5416.2	4811.1
-7.5°	8471.3	8320.6	8128.8	7786.5	7358.7	6917.7	6456.0	5973.5	5459.4	4949.1	4418.9
-10°	6671.4	6615.6	6559.4	6466.2	6312.9	6095.0	5730.8	5326.4	4905.4	4468.1	4014.3
-12.5°	5290.1	5212.8	5019.9	5090.8	5070.9	4997.4	4847.5	4632.2	4350.4	3979.7	3606.1
-15°	4099.9	4152.6	4106.8	3971.2	3890.9	3951.4	3921.8	3823.9	3688.2	3459.3	3200.0
-17.5°	3374.7	3283.2	3267.4	3223.1	3138.9	3004.8	3055.7	3073.2	3028.5	2903.4	2751.0
-20°	2702.1	2667.3	2591.3	2563.0	2548.6	2480.3	2381.1	2371.0	2417.9	2393.8	2321.3



REPORT NUMBER: P558774 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2141.5	2121.4	2099.3	2033.2	2017.2	2021.8	1982.3	1908.7	1864.0	1921.3	1923.2
-25°	1724.4	1669.9	1683.4	1671.7	1619.1	1609.3	1625.7	1607.4	1556.5	1501.8	1561.9
-27.5°	1392.4	1373.1	1346.5	1363.5	1347.6	1311.0	1322.1	1338.3	1324.2	1287.7	1244.7
-30°	1131.5	1138.2	1123.6	1116.3	1129.9	1114.6	1083.3	1115.2	1127.3	1112.2	1074.3
-32.5°	940.1	953.7	952.2	940.4	948.2	952.7	946.5	924.7	952.7	960.1	943.0
-35°	811.7	809.3	817.6	815.0	802.3	823.1	825.8	812.8	808.4	827.9	826.7
-37.5°	709.0	702.0	710.7	712.7	709.5	713.4	722.6	720.7	708.6	719.2	728.6
-40°	627.7	624.1	625.1	631.9	632.9	625.8	638.7	641.8	639.0	628.2	643.3
-42.5°	563.8	563.2	558.5	565.8	568.1	566.8	568.2	576.2	576.3	570.5	570.9
-45°	512.9	513.3	509.2	509.8	513.9	514.8	510.6	518.3	521.1	518.5	510.2
-47.5°	470.9	470.8	466.7	462.0	467.8	468.9	466.7	467.1	471.5	470.3	465.6
-50°	434.7	433.8	430.6	425.3	426.8	428.1	426.3	421.0	426.1	427.3	423.5
-52.5°	402.5	401.0	397.9	392.4	389.8	391.3	389.1	384.8	385.6	386.9	384.0
-55°	375.0	371.5	368.1	363.0	356.9	357.5	355.7	351.3	347.5	348.7	346.9
-57.5°	348.4	343.6	339.5	334.1	327.5	325.4	323.0	318.5	312.1	313.0	311.6
-60°	320.2	314.8	310.2	304.6	298.0	293.7	291.4	287.1	280.9	279.4	278.7
-62.5°	290.6	284.4	280.1	275.1	269.2	263.6	260.9	256.7	251.3	247.6	247.1
-65°	261.3	256.0	251.6	246.3	240.3	233.6	230.9	227.2	222.4	217.4	216.7
-67.5°	231.2	226.3	221.6	216.7	211.1	204.9	201.8	198.5	194.6	190.0	188.8
-70°	200.3	196.1	191.8	187.3	182.5	177.6	174.6	172.1	168.7	164.1	161.4
-72.5°	169.2	165.8	162.2	158.9	155.3	151.4	148.3	145.5	141.8	137.4	134.3
-75°	138.3	135.7	133.0	130.5	127.7	124.6	121.6	118.9	115.6	111.8	108.7
-77.5°	107.8	106.3	104.5	102.6	100.4	97.8	95.2	92.8	90.3	87.4	84.9
-80°	80.3	79.4	78.3	76.8	74.9	72.7	70.4	68.6	66.5	64.5	62.9
-82.5°	56.0	55.4	54.7	53.2	51.7	50.1	48.5	47.6	46.6	45.5	44.2
-85°	32.8	32.4	31.9	31.4	30.9	30.3	29.8	29.3	28.7	27.9	26.9
-87.5°	12.7	12.7	12.7	13.1	13.4	13.7	13.9	13.5	13.0	12.5	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558774 (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°
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°	11.7	11.2	10.8	10.3	9.8	9.2	8.7	8.0	7.5	6.8	6.2
85°	26.0	24.9	23.6	22.1	20.5	18.5	17.3	16.1	14.9	13.7	12.3
82.5°	43.0	41.7	40.1	38.2	36.6	34.5	31.8	28.6	25.0	20.9	18.5
80°	62.4	61.1	59.1	56.4	53.7	50.6	47.6	43.8	39.2	34.0	28.4
77.5°	83.8	82.0	79.5	76.6	73.1	69.1	64.5	59.3	53.4	47.1	40.3
75°	107.0	104.9	102.0	98.2	93.2	87.6	82.0	75.8	68.7	60.3	52.1
72.5°	132.4	129.4	125.4	120.2	114.5	107.9	100.3	92.5	84.5	75.1	64.3
70°	158.7	154.8	150.1	144.6	137.2	128.2	119.6	110.7	100.4	89.9	77.8
67.5°	185.9	181.5	175.8	169.6	161.8	151.8	139.5	129.5	118.4	104.7	91.3
65°	214.2	209.3	202.2	196.0	187.2	176.1	162.9	149.7	136.6	121.8	104.7
62.5°	244.0	238.5	231.7	223.7	213.6	201.5	186.9	172.7	155.7	139.0	119.8
60°	275.5	269.5	262.5	253.9	241.8	227.3	212.4	195.8	177.3	156.2	135.5
57.5°	307.9	301.4	295.7	285.6	272.0	255.1	239.0	220.9	198.9	175.5	151.3
55°	341.7	335.6	330.3	319.6	303.8	284.7	267.9	247.3	221.4	195.3	166.9
52.5°	377.7	373.4	367.1	355.1	337.8	317.4	300.7	274.5	246.9	215.1	184.5
50°	415.7	415.6	407.3	392.9	373.0	356.2	335.2	306.8	272.7	235.9	202.4
47.5°	462.5	461.9	452.2	433.4	410.6	397.9	374.2	340.7	299.0	259.7	220.3
45°	515.8	512.2	500.3	479.2	458.9	445.2	416.3	375.9	331.1	284.1	238.3
42.5°	574.9	568.5	552.0	527.4	519.2	497.6	460.7	416.0	363.9	308.5	258.3
40°	644.1	630.5	607.7	595.3	586.8	554.3	511.9	458.2	397.4	334.5	279.4
37.5°	720.6	700.8	670.4	679.8	661.9	621.8	566.7	501.7	432.5	364.1	300.2
35°	810.1	779.1	779.8	778.5	748.0	694.0	624.4	548.9	471.3	393.5	320.7
32.5°	908.0	900.0	913.8	891.4	842.2	770.6	689.0	600.8	510.7	422.7	340.9
30°	1047.1	1080.3	1065.6	1015.7	946.3	858.4	758.2	653.9	550.4	451.5	361.7
27.5°	1286.8	1285.7	1236.6	1159.3	1063.0	951.6	828.4	707.9	590.3	481.8	385.2
25°	1557.4	1518.6	1434.3	1317.3	1186.8	1044.9	899.5	762.8	633.6	514.3	408.1
22.5°	1866.5	1772.4	1648.7	1485.5	1309.3	1140.8	975.4	822.7	678.5	546.3	430.1
20°	2200.7	2043.1	1873.0	1650.5	1441.4	1245.3	1055.7	882.2	722.7	577.5	451.3
17.5°	2558.6	2322.5	2086.6	1829.2	1580.2	1350.6	1135.9	940.6	766.0	607.6	471.4
15°	2905.4	2601.7	2306.6	2009.0	1719.4	1455.8	1215.0	997.6	807.8	636.4	487.2
12.5°	3247.2	2884.9	2529.6	2188.1	1857.6	1559.5	1292.4	1052.6	848.0	657.0	497.5
10°	3588.4	3167.9	2752.4	2364.0	1992.9	1660.4	1366.9	1095.5	866.9	670.2	506.0
7.5°	3924.5	3446.6	2971.4	2534.4	2109.5	1726.4	1398.8	1114.9	879.4	680.9	512.7
5°	4198.7	3628.5	3071.1	2585.0	2142.2	1752.6	1418.5	1130.0	888.0	689.0	517.7
2.5°	4235.7	3658.3	3085.9	2604.9	2164.1	1770.5	1431.6	1140.4	892.8	694.3	520.8
0°	4250.0	3668.0	3084.0	2611.0	2175.0	1780.0	1438.0	1146.0	894.0	697.0	522.0
-2.5°	4235.7	3658.3	3085.9	2604.9	2164.1	1770.5	1431.6	1140.4	892.8	694.3	520.8
-5°	4198.7	3628.5	3071.1	2585.0	2142.2	1752.6	1418.5	1130.0	888.0	689.0	517.7
-7.5°	3924.5	3446.6	2971.4	2534.4	2109.5	1726.4	1398.8	1114.9	879.4	680.9	512.7
-10°	3588.4	3167.9	2752.4	2364.0	1992.9	1660.4	1366.9	1095.5	866.9	670.2	506.0
-12.5°	3247.2	2884.9	2529.6	2188.1	1857.6	1559.5	1292.4	1052.6	848.0	657.0	497.5
-15°	2905.4	2601.7	2306.6	2009.0	1719.4	1455.8	1215.0	997.6	807.8	636.4	487.2
-17.5°	2558.6	2322.5	2086.6	1829.2	1580.2	1350.6	1135.9	940.6	766.0	607.6	471.4
-20°	2200.7	2043.1	1873.0	1650.5	1441.4	1245.3	1055.7	882.2	722.7	577.5	451.3



REPORT NUMBER: P558774 (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°	1866.5	1772.4	1648.7	1485.5	1309.3	1140.8	975.4	822.7	678.5	546.3	430.1
-25°	1557.4	1518.6	1434.3	1317.3	1186.8	1044.9	899.5	762.8	633.6	514.3	408.1
-27.5°	1286.8	1285.7	1236.6	1159.3	1063.0	951.6	828.4	707.9	590.3	481.8	385.2
-30°	1047.1	1080.3	1065.6	1015.7	946.3	858.4	758.2	653.9	550.4	451.5	361.7
-32.5°	908.0	900.0	913.8	891.4	842.2	770.6	689.0	600.8	510.7	422.7	340.9
-35°	810.1	779.1	779.8	778.5	748.0	694.0	624.4	548.9	471.3	393.5	320.7
-37.5°	720.6	700.8	670.4	679.8	661.9	621.8	566.7	501.7	432.5	364.1	300.2
-40°	644.1	630.5	607.7	595.3	586.8	554.3	511.9	458.2	397.4	334.5	279.4
-42.5°	574.9	568.5	552.0	527.4	519.2	497.6	460.7	416.0	363.9	308.5	258.3
-45°	515.8	512.2	500.3	479.2	458.9	445.2	416.3	375.9	331.1	284.1	238.3
-47.5°	462.5	461.9	452.2	433.4	410.6	397.9	374.2	340.7	299.0	259.7	220.3
-50°	415.7	415.6	407.3	392.9	373.0	356.2	335.2	306.8	272.7	235.9	202.4
-52.5°	377.7	373.4	367.1	355.1	337.8	317.4	300.7	274.5	246.9	215.1	184.5
-55°	341.7	335.6	330.3	319.6	303.8	284.7	267.9	247.3	221.4	195.3	166.9
-57.5°	307.9	301.4	295.7	285.6	272.0	255.1	239.0	220.9	198.9	175.5	151.3
-60°	275.5	269.5	262.5	253.9	241.8	227.3	212.4	195.8	177.3	156.2	135.5
-62.5°	244.0	238.5	231.7	223.7	213.6	201.5	186.9	172.7	155.7	139.0	119.8
-65°	214.2	209.3	202.2	196.0	187.2	176.1	162.9	149.7	136.6	121.8	104.7
-67.5°	185.9	181.5	175.8	169.6	161.8	151.8	139.5	129.5	118.4	104.7	91.3
-70°	158.7	154.8	150.1	144.6	137.2	128.2	119.6	110.7	100.4	89.9	77.8
-72.5°	132.4	129.4	125.4	120.2	114.5	107.9	100.3	92.5	84.5	75.1	64.3
-75°	107.0	104.9	102.0	98.2	93.2	87.6	82.0	75.8	68.7	60.3	52.1
-77.5°	83.8	82.0	79.5	76.6	73.1	69.1	64.5	59.3	53.4	47.1	40.3
-80°	62.4	61.1	59.1	56.4	53.7	50.6	47.6	43.8	39.2	34.0	28.4
-82.5°	43.0	41.7	40.1	38.2	36.6	34.5	31.8	28.6	25.0	20.9	18.5
-85°	26.0	24.9	23.6	22.1	20.5	18.5	17.3	16.1	14.9	13.7	12.3
-87.5°	11.7	11.2	10.8	10.3	9.8	9.2	8.7	8.0	7.5	6.8	6.2
-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°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
85°	10.9	9.6	8.2	6.5	4.5	2.3	0.0
82.5°	16.3	14.4	12.2	9.7	6.8	3.4	0.0
80°	22.4	19.2	16.3	12.9	9.0	4.5	0.0
77.5°	32.9	25.6	20.3	16.1	11.2	5.6	0.0
75°	43.4	34.6	25.0	19.3	13.4	6.7	0.0
72.5°	53.9	43.6	32.5	22.4	15.6	7.8	0.0
70°	64.5	52.6	39.9	26.0	17.8	8.9	0.0
67.5°	76.6	61.5	47.2	31.7	19.9	9.9	0.0
65°	88.7	71.1	54.4	37.3	22.0	11.0	0.0
62.5°	100.8	81.5	61.6	42.7	24.0	12.0	0.0
60°	112.8	91.8	68.6	48.1	26.0	13.0	0.0
57.5°	126.4	102.0	76.9	53.4	29.5	14.0	0.0
55°	140.0	112.1	85.2	58.6	32.9	14.9	0.0
52.5°	153.5	122.3	93.3	63.7	36.3	15.8	0.0
50°	166.7	133.4	101.2	68.7	39.6	16.7	0.0
47.5°	180.2	144.4	109.0	73.8	42.7	17.6	0.0
45°	195.7	155.1	116.6	79.5	45.8	18.4	0.0
42.5°	211.1	165.5	124.0	85.0	48.7	19.2	0.0
40°	226.4	175.6	131.6	90.2	51.5	19.9	0.0
37.5°	241.5	185.4	139.4	95.0	54.2	20.6	0.0
35°	256.3	196.5	146.8	99.5	56.8	21.3	0.0
32.5°	271.5	208.2	154.0	103.7	59.2	21.9	0.0
30°	287.8	219.5	160.8	107.6	61.5	22.5	0.0
27.5°	303.5	230.3	166.5	111.2	63.6	23.1	0.0
25°	318.6	240.8	171.7	114.4	65.6	23.6	0.0
22.5°	333.0	250.1	176.5	117.3	67.4	24.0	0.0
20°	346.8	257.1	181.0	119.9	69.1	24.4	0.0
17.5°	357.1	263.4	185.0	122.2	70.5	24.8	0.0
15°	364.8	268.7	188.6	124.1	71.9	25.1	0.0
12.5°	371.4	273.2	191.7	125.7	73.0	25.4	0.0
10°	376.9	276.9	194.4	127.0	74.0	25.6	0.0
7.5°	381.2	279.7	196.5	128.0	74.8	25.8	0.0
5°	384.3	281.6	198.2	128.6	75.4	25.9	0.0
2.5°	386.3	282.7	199.4	129.0	75.8	26.0	0.0
0°	387.0	283.0	200.0	129.0	76.0	26.0	0.0
-2.5°	386.3	282.7	199.4	129.0	75.8	26.0	0.0
-5°	384.3	281.6	198.2	128.6	75.4	25.9	0.0
-7.5°	381.2	279.7	196.5	128.0	74.8	25.8	0.0
-10°	376.9	276.9	194.4	127.0	74.0	25.6	0.0
-12.5°	371.4	273.2	191.7	125.7	73.0	25.4	0.0
-15°	364.8	268.7	188.6	124.1	71.9	25.1	0.0
-17.5°	357.1	263.4	185.0	122.2	70.5	24.8	0.0
-20°	346.8	257.1	181.0	119.9	69.1	24.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	333.0	250.1	176.5	117.3	67.4	24.0	0.0
-25°	318.6	240.8	171.7	114.4	65.6	23.6	0.0
-27.5°	303.5	230.3	166.5	111.2	63.6	23.1	0.0
-30°	287.8	219.5	160.8	107.6	61.5	22.5	0.0
-32.5°	271.5	208.2	154.0	103.7	59.2	21.9	0.0
-35°	256.3	196.5	146.8	99.5	56.8	21.3	0.0
-37.5°	241.5	185.4	139.4	95.0	54.2	20.6	0.0
-40°	226.4	175.6	131.6	90.2	51.5	19.9	0.0
-42.5°	211.1	165.5	124.0	85.0	48.7	19.2	0.0
-45°	195.7	155.1	116.6	79.5	45.8	18.4	0.0
-47.5°	180.2	144.4	109.0	73.8	42.7	17.6	0.0
-50°	166.7	133.4	101.2	68.7	39.6	16.7	0.0
-52.5°	153.5	122.3	93.3	63.7	36.3	15.8	0.0
-55°	140.0	112.1	85.2	58.6	32.9	14.9	0.0
-57.5°	126.4	102.0	76.9	53.4	29.5	14.0	0.0
-60°	112.8	91.8	68.6	48.1	26.0	13.0	0.0
-62.5°	100.8	81.5	61.6	42.7	24.0	12.0	0.0
-65°	88.7	71.1	54.4	37.3	22.0	11.0	0.0
-67.5°	76.6	61.5	47.2	31.7	19.9	9.9	0.0
-70°	64.5	52.6	39.9	26.0	17.8	8.9	0.0
-72.5°	53.9	43.6	32.5	22.4	15.6	7.8	0.0
-75°	43.4	34.6	25.0	19.3	13.4	6.7	0.0
-77.5°	32.9	25.6	20.3	16.1	11.2	5.6	0.0
-80°	22.4	19.2	16.3	12.9	9.0	4.5	0.0
-82.5°	16.3	14.4	12.2	9.7	6.8	3.4	0.0
-85°	10.9	9.6	8.2	6.5	4.5	2.3	0.0
-87.5°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)