

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: LUMIERE

Report Number: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV**

Issue Date: 3/3/2020

Test Information

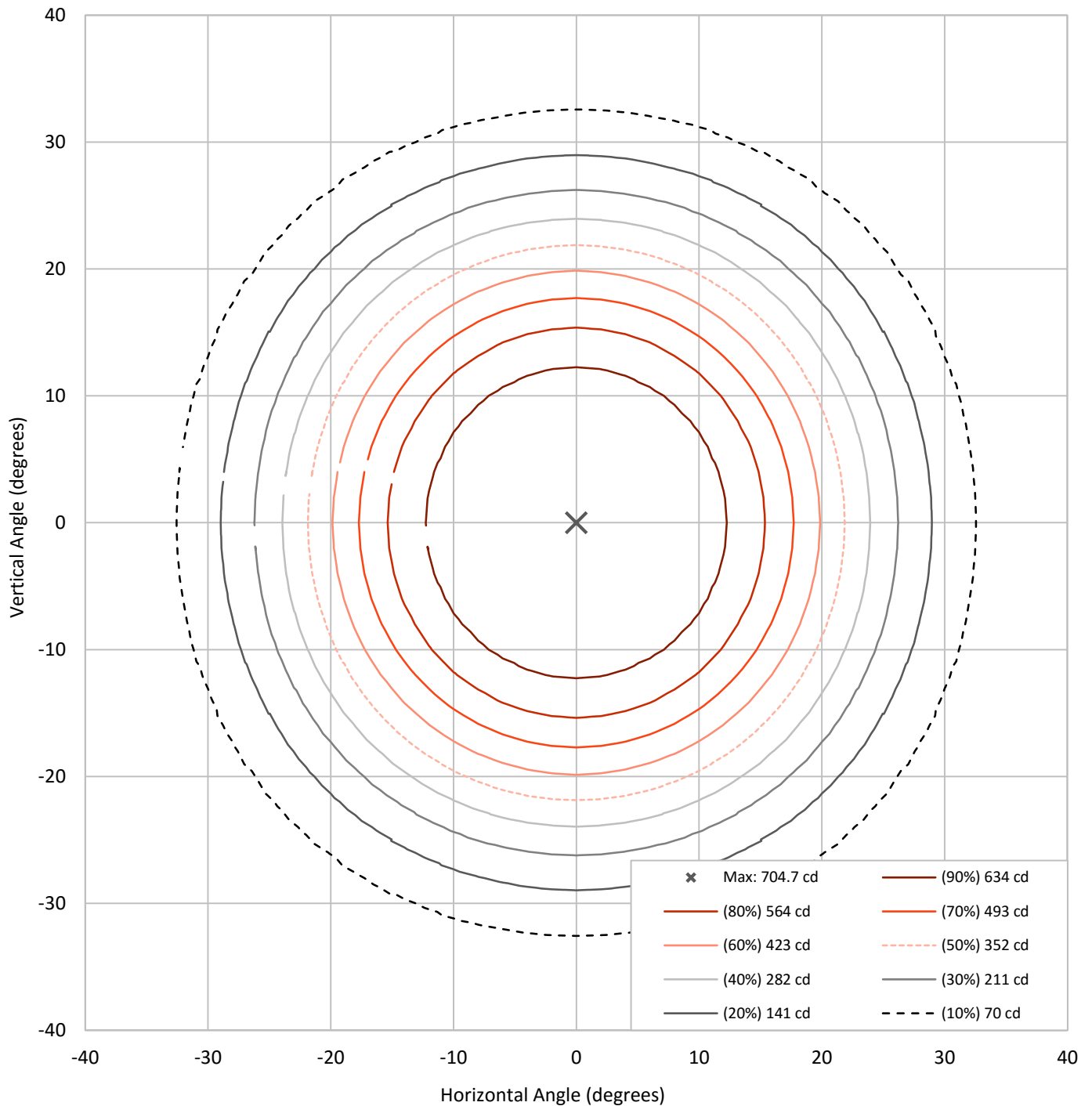
Test Method: LM-79-08
Report Number: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29545)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) WARM DIMMING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	439.9 lumens	Max Intensity:	704.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	43.7°H x 43.7°V	Field Angle (10%):	64.9°H x 64.9°V
Beam Lumens:	247.2 lumens	Field Lumens:	348.6 lumens
Beam Efficiency:	56.2%	Field Efficiency:	79.2%
Input Watts (W):	14.2		
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





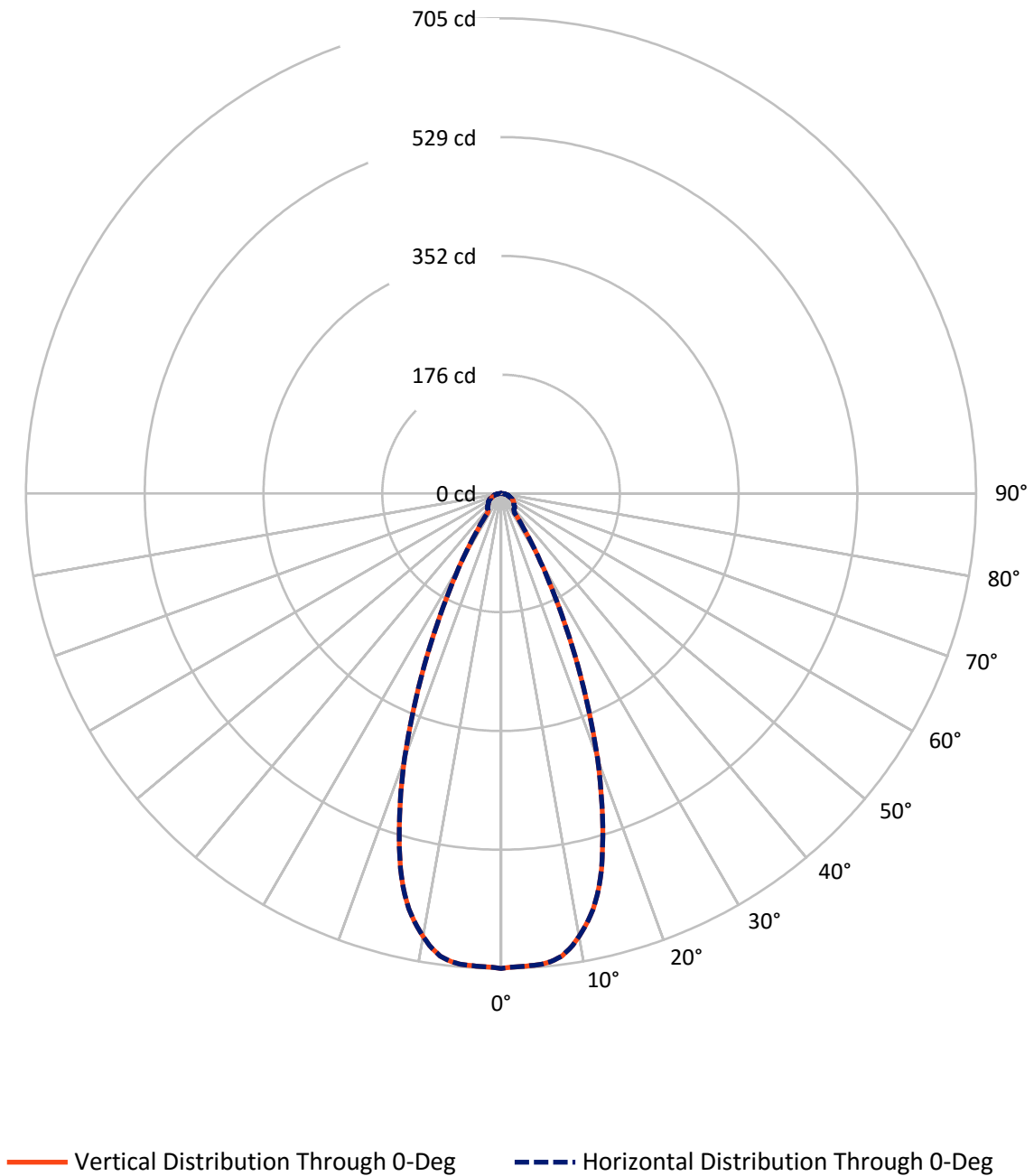
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Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1			
60		0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1				
50	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.2	0.1			
40		0.2	0.3	0.5	0.7	0.8	1.0	1.5	1.5	1.0	0.8	0.7	0.5	0.3	0.2				
30	0.2	0.2	0.4	0.5	0.7	1.4	4.3	7.2	7.2	4.3	1.4	0.7	0.5	0.4	0.2	0.2			
20		0.2	0.4	0.6	0.9	4.1	11.0	16.2	16.2	11.0	4.1	0.9	0.6	0.4	0.2				
10	0.2	0.2	0.4	0.6	1.2	6.6	15.8	20.7	20.7	15.8	6.6	1.2	0.6	0.4	0.2	0.2			
0		0.2	0.4	0.6	1.2	6.6	15.8	20.7	20.7	15.8	6.6	1.2	0.6	0.4	0.2				
-10	0.2	0.2	0.4	0.6	0.9	4.1	11.0	16.2	16.2	11.0	4.1	0.9	0.6	0.4	0.2	0.2			
-20		0.2	0.4	0.5	0.7	1.4	4.3	7.2	7.2	4.3	1.4	0.7	0.5	0.4	0.2				
-30	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.5	1.5	1.0	0.8	0.7	0.5	0.3	0.2	0.1			
-40		0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.2				
-50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.1			
-60		0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1				
-70	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0							0.0			
-80		0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

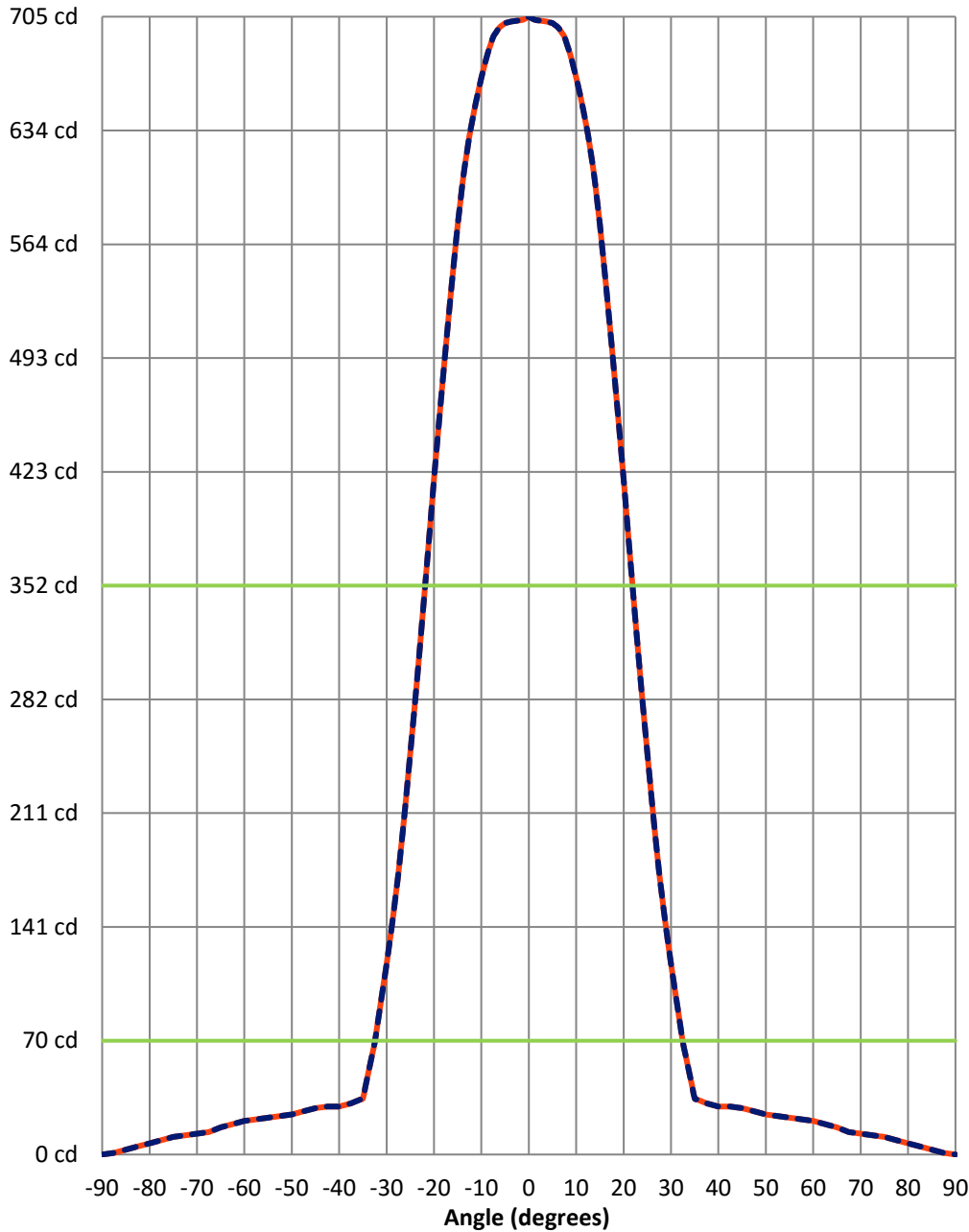
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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 43.7°
 V Angle: 43.7°
 Lumens: 247.2
 Efficiency: 56.2%

Field:
 H Angle: 64.9°
 V Angle: 64.9°
 Lumens: 348.6
 Efficiency: 79.2%

Spill:
 Lumens: 91.3
 Efficiency: 20.8%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
81.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.4
75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6
73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.5	1.8
72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.7	2.0
71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.6	1.9	2.2
70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.4	1.7	2.1	2.4
68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.9	2.2	2.6
67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.0	2.4	2.8
66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0
65°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.2
63.75°	0.0	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.5	3.0	3.4
62.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.8	2.2	2.7	3.1	3.6
61.25°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.3	3.8
60°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.5	3.0	3.5	4.0
58.75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.6	4.2
57.5°	0.0	0.3	0.5	0.8	1.1	1.7	2.2	2.8	3.3	3.8	4.3
56.25°	0.0	0.3	0.6	0.8	1.2	1.8	2.3	2.9	3.4	4.0	4.5
55°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.6	4.1	4.7
53.75°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	3.1	3.7	4.3	4.9
52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.3	3.9	4.5	5.1
51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.4	4.0	4.6	5.2
50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.5	4.1	4.8	5.4
48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.6	4.3	4.9	5.5
47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.7	4.4	5.1	5.7
46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.8	4.5	5.2	5.8
45°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.9	4.6	5.3	6.0
43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.3	4.0	4.8	5.5	6.1
42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.4	4.2	4.9	5.6	6.3
41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.5	4.3	5.0	5.7	6.4
40°	0.0	0.4	0.8	1.3	2.1	2.8	3.6	4.4	5.1	5.8	6.6
38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.7	4.5	5.2	6.0	6.7
37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.5	5.3	6.1	6.8
36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.6	5.4	6.2	6.9
35°	0.0	0.4	0.8	1.5	2.3	3.1	3.9	4.7	5.5	6.3	7.1



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.6	6.4	7.2
32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.7	6.5	7.3
31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.8	6.6	7.4
30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.1	5.9	6.7	7.5
28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	6.0	6.8	7.7
27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.2	6.0	6.9	7.8
26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.3	6.1	7.0	7.9
25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.0	8.0
23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.4	6.3	7.1	8.0
22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.5	6.4	7.3	8.2
20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3
18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.6	6.5	7.4	8.4
17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.6	6.5	7.5	8.4
16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.7	6.6	7.5	8.5
15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.6	8.6
13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6
12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.7	7.7	8.7
11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.7	8.7
10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.8	8.7
8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.8
7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.8
6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.8	8.8
5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
0°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	6.9	7.9	8.9
-1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
-2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
-3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
-5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9
-6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.8	8.8
-7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.8
-8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.8
-10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.8	6.8	7.8	8.7
-11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.7	8.7
-12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.7	7.7	8.7
-13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6
-15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.6	8.6
-16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.7	6.6	7.5	8.5
-17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.6	6.5	7.5	8.4
-18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.6	6.5	7.4	8.4
-20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3
-21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.5	6.4	7.3	8.2



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
-23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.4	6.3	7.1	8.0
-25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.0	8.0
-26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.3	6.1	7.0	7.9
-27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.2	6.0	6.9	7.8
-28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	6.0	6.8	7.7
-30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.1	5.9	6.7	7.5
-31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.8	6.6	7.4
-32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.7	6.5	7.3
-33.75°	0.0	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.6	6.4	7.2
-35°	0.0	0.4	0.8	1.5	2.3	3.1	3.9	4.7	5.5	6.3	7.1
-36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.6	5.4	6.2	6.9
-37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.5	5.3	6.1	6.8
-38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.7	4.5	5.2	6.0	6.7
-40°	0.0	0.4	0.8	1.3	2.1	2.8	3.6	4.4	5.1	5.8	6.6
-41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.5	4.3	5.0	5.7	6.4
-42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.4	4.2	4.9	5.6	6.3
-43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.3	4.0	4.8	5.5	6.1
-45°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.9	4.6	5.3	6.0
-46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.8	4.5	5.2	5.8
-47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.7	4.4	5.1	5.7
-48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.6	4.3	4.9	5.5
-50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.5	4.1	4.8	5.4
-51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.4	4.0	4.6	5.2
-52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.3	3.9	4.5	5.1
-53.75°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	3.1	3.7	4.3	4.9
-55°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.6	4.1	4.7
-56.25°	0.0	0.3	0.6	0.8	1.2	1.8	2.3	2.9	3.4	4.0	4.5
-57.5°	0.0	0.3	0.5	0.8	1.1	1.7	2.2	2.8	3.3	3.8	4.3
-58.75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.6	4.2
-60°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.5	3.0	3.5	4.0
-61.25°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.3	3.8
-62.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.8	2.2	2.7	3.1	3.6
-63.75°	0.0	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.5	3.0	3.4
-65°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.2
-66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.0	2.4	2.8
-68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.9	2.2	2.6
-70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.4	1.7	2.1	2.4
-71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.6	1.9	2.2
-72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.7	2.0
-73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.5	1.8
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6
-76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.4
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-81.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4
76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.5
70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.3
67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7
66.25°	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.4	6.7	7.1
65°	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5
63.75°	3.8	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9
62.5°	4.0	4.5	4.9	5.4	5.8	6.2	6.6	7.0	7.5	7.9	8.3
61.25°	4.3	4.7	5.2	5.6	6.1	6.5	6.9	7.4	7.8	8.3	8.7
60°	4.5	4.9	5.4	5.9	6.3	6.8	7.3	7.7	8.2	8.7	9.1
58.75°	4.7	5.2	5.6	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.5
57.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
56.25°	5.1	5.6	6.1	6.6	7.1	7.7	8.2	8.7	9.2	9.8	10.3
55°	5.3	5.8	6.3	6.8	7.4	8.0	8.5	9.0	9.6	10.1	10.7
53.75°	5.4	6.0	6.5	7.1	7.7	8.2	8.8	9.4	9.9	10.5	11.0
52.5°	5.6	6.2	6.8	7.3	7.9	8.5	9.1	9.7	10.3	10.8	11.1
51.25°	5.8	6.4	7.0	7.6	8.2	8.8	9.4	10.0	10.6	11.0	11.3
50°	6.0	6.6	7.2	7.8	8.4	9.1	9.7	10.3	10.9	11.2	11.5
48.75°	6.2	6.8	7.4	8.0	8.7	9.3	10.0	10.6	11.1	11.4	11.7
47.5°	6.3	7.0	7.6	8.3	8.9	9.6	10.2	10.9	11.2	11.5	11.9
46.25°	6.5	7.1	7.8	8.5	9.2	9.8	10.5	11.0	11.4	11.7	12.0
45°	6.7	7.3	8.0	8.7	9.4	10.1	10.8	11.2	11.5	11.9	12.2
43.75°	6.8	7.5	8.2	8.9	9.6	10.3	11.0	11.3	11.7	12.0	12.4
42.5°	7.0	7.7	8.4	9.1	9.9	10.6	11.1	11.5	11.8	12.2	12.5
41.25°	7.1	7.9	8.6	9.4	10.1	10.8	11.2	11.6	12.0	12.3	12.7
40°	7.3	8.0	8.8	9.6	10.3	11.0	11.3	11.7	12.1	12.5	12.8
38.75°	7.4	8.2	9.0	9.8	10.5	11.1	11.5	11.8	12.2	12.6	13.0
37.5°	7.6	8.4	9.2	9.9	10.7	11.2	11.6	12.0	12.4	12.7	13.1
36.25°	7.7	8.5	9.3	10.1	10.9	11.3	11.7	12.1	12.5	12.9	13.3
35°	7.9	8.7	9.5	10.3	11.0	11.4	11.8	12.2	12.6	13.0	13.4



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	8.0	8.8	9.7	10.5	11.1	11.5	11.9	12.3	12.7	13.1	13.5
32.5°	8.2	9.0	9.8	10.7	11.2	11.6	12.0	12.4	12.8	13.3	13.7
31.25°	8.3	9.1	10.0	10.8	11.3	11.7	12.1	12.5	13.0	13.4	13.8
30°	8.4	9.3	10.1	10.9	11.4	11.8	12.2	12.6	13.1	13.5	13.9
28.75°	8.5	9.4	10.3	11.0	11.4	11.9	12.3	12.7	13.2	13.6	14.3
27.5°	8.6	9.5	10.4	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.6
26.25°	8.7	9.6	10.5	11.2	11.6	12.0	12.5	12.9	13.4	13.8	14.9
25°	8.9	9.8	10.7	11.2	11.7	12.1	12.6	13.0	13.5	13.9	15.2
23.75°	9.0	9.9	10.8	11.3	11.7	12.2	12.6	13.1	13.6	14.2	15.5
22.5°	9.0	10.0	10.9	11.4	11.8	12.3	12.7	13.2	13.6	14.5	15.8
21.25°	9.1	10.1	10.9	11.4	11.9	12.3	12.8	13.3	13.7	14.7	16.0
20°	9.2	10.2	11.0	11.5	11.9	12.4	12.9	13.3	13.8	14.9	16.3
18.75°	9.3	10.2	11.0	11.5	12.0	12.5	12.9	13.4	13.9	15.2	16.5
17.5°	9.4	10.3	11.1	11.6	12.0	12.5	13.0	13.5	14.0	15.4	16.7
16.25°	9.5	10.4	11.1	11.6	12.1	12.6	13.0	13.5	14.2	15.6	16.9
15°	9.5	10.5	11.2	11.7	12.1	12.6	13.1	13.6	14.4	15.7	17.0
13.75°	9.6	10.5	11.2	11.7	12.2	12.7	13.1	13.6	14.5	15.9	17.2
12.5°	9.6	10.6	11.2	11.7	12.2	12.7	13.2	13.7	14.7	16.1	17.3
11.25°	9.7	10.7	11.3	11.8	12.3	12.7	13.2	13.7	14.8	16.2	17.4
10°	9.7	10.7	11.3	11.8	12.3	12.8	13.3	13.8	14.9	16.3	17.5
8.75°	9.8	10.8	11.3	11.8	12.3	12.8	13.3	13.8	15.0	16.4	17.5
7.5°	9.8	10.8	11.3	11.8	12.3	12.8	13.3	13.8	15.1	16.5	17.6
6.25°	9.8	10.8	11.4	11.9	12.4	12.9	13.3	13.8	15.2	16.6	17.7
5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.2	16.7	17.7
3.75°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.7	17.8
2.5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.8	17.8
1.25°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.8	17.8
0°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.4	16.8	17.8
-1.25°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.8	17.8
-2.5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.8	17.8
-3.75°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.3	16.7	17.8
-5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.2	16.7	17.7
-6.25°	9.8	10.8	11.4	11.9	12.4	12.9	13.3	13.8	15.2	16.6	17.7
-7.5°	9.8	10.8	11.3	11.8	12.3	12.8	13.3	13.8	15.1	16.5	17.6
-8.75°	9.8	10.8	11.3	11.8	12.3	12.8	13.3	13.8	15.0	16.4	17.5
-10°	9.7	10.7	11.3	11.8	12.3	12.8	13.3	13.8	14.9	16.3	17.5
-11.25°	9.7	10.7	11.3	11.8	12.3	12.7	13.2	13.7	14.8	16.2	17.4
-12.5°	9.6	10.6	11.2	11.7	12.2	12.7	13.2	13.7	14.7	16.1	17.3
-13.75°	9.6	10.5	11.2	11.7	12.2	12.7	13.1	13.6	14.5	15.9	17.2
-15°	9.5	10.5	11.2	11.7	12.1	12.6	13.1	13.6	14.4	15.7	17.0
-16.25°	9.5	10.4	11.1	11.6	12.1	12.6	13.0	13.5	14.2	15.6	16.9
-17.5°	9.4	10.3	11.1	11.6	12.0	12.5	13.0	13.5	14.0	15.4	16.7
-18.75°	9.3	10.2	11.0	11.5	12.0	12.5	12.9	13.4	13.9	15.2	16.5
-20°	9.2	10.2	11.0	11.5	11.9	12.4	12.9	13.3	13.8	14.9	16.3
-21.25°	9.1	10.1	10.9	11.4	11.9	12.3	12.8	13.3	13.7	14.7	16.0



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	9.0	10.0	10.9	11.4	11.8	12.3	12.7	13.2	13.6	14.5	15.8
-23.75°	9.0	9.9	10.8	11.3	11.7	12.2	12.6	13.1	13.6	14.2	15.5
-25°	8.9	9.8	10.7	11.2	11.7	12.1	12.6	13.0	13.5	13.9	15.2
-26.25°	8.7	9.6	10.5	11.2	11.6	12.0	12.5	12.9	13.4	13.8	14.9
-27.5°	8.6	9.5	10.4	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.6
-28.75°	8.5	9.4	10.3	11.0	11.4	11.9	12.3	12.7	13.2	13.6	14.3
-30°	8.4	9.3	10.1	10.9	11.4	11.8	12.2	12.6	13.1	13.5	13.9
-31.25°	8.3	9.1	10.0	10.8	11.3	11.7	12.1	12.5	13.0	13.4	13.8
-32.5°	8.2	9.0	9.8	10.7	11.2	11.6	12.0	12.4	12.8	13.3	13.7
-33.75°	8.0	8.8	9.7	10.5	11.1	11.5	11.9	12.3	12.7	13.1	13.5
-35°	7.9	8.7	9.5	10.3	11.0	11.4	11.8	12.2	12.6	13.0	13.4
-36.25°	7.7	8.5	9.3	10.1	10.9	11.3	11.7	12.1	12.5	12.9	13.3
-37.5°	7.6	8.4	9.2	9.9	10.7	11.2	11.6	12.0	12.4	12.7	13.1
-38.75°	7.4	8.2	9.0	9.8	10.5	11.1	11.5	11.8	12.2	12.6	13.0
-40°	7.3	8.0	8.8	9.6	10.3	11.0	11.3	11.7	12.1	12.5	12.8
-41.25°	7.1	7.9	8.6	9.4	10.1	10.8	11.2	11.6	12.0	12.3	12.7
-42.5°	7.0	7.7	8.4	9.1	9.9	10.6	11.1	11.5	11.8	12.2	12.5
-43.75°	6.8	7.5	8.2	8.9	9.6	10.3	11.0	11.3	11.7	12.0	12.4
-45°	6.7	7.3	8.0	8.7	9.4	10.1	10.8	11.2	11.5	11.9	12.2
-46.25°	6.5	7.1	7.8	8.5	9.2	9.8	10.5	11.0	11.4	11.7	12.0
-47.5°	6.3	7.0	7.6	8.3	8.9	9.6	10.2	10.9	11.2	11.5	11.9
-48.75°	6.2	6.8	7.4	8.0	8.7	9.3	10.0	10.6	11.1	11.4	11.7
-50°	6.0	6.6	7.2	7.8	8.4	9.1	9.7	10.3	10.9	11.2	11.5
-51.25°	5.8	6.4	7.0	7.6	8.2	8.8	9.4	10.0	10.6	11.0	11.3
-52.5°	5.6	6.2	6.8	7.3	7.9	8.5	9.1	9.7	10.3	10.8	11.1
-53.75°	5.4	6.0	6.5	7.1	7.7	8.2	8.8	9.4	9.9	10.5	11.0
-55°	5.3	5.8	6.3	6.8	7.4	8.0	8.5	9.0	9.6	10.1	10.7
-56.25°	5.1	5.6	6.1	6.6	7.1	7.7	8.2	8.7	9.2	9.8	10.3
-57.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
-58.75°	4.7	5.2	5.6	6.1	6.6	7.1	7.6	8.1	8.5	9.0	9.5
-60°	4.5	4.9	5.4	5.9	6.3	6.8	7.3	7.7	8.2	8.7	9.1
-61.25°	4.3	4.7	5.2	5.6	6.1	6.5	6.9	7.4	7.8	8.3	8.7
-62.5°	4.0	4.5	4.9	5.4	5.8	6.2	6.6	7.0	7.5	7.9	8.3
-63.75°	3.8	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9
-65°	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5
-66.25°	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.4	6.7	7.1
-67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7
-68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.3
-70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
-71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.5
-72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
-73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
-75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
-76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
-80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
-81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
-85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5
80°	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
78.75°	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8
77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4
76.25°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0
75°	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
73.75°	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.8	7.0	7.2
72.5°	5.4	5.6	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.6	7.8
71.25°	5.8	6.1	6.3	6.6	6.9	7.1	7.4	7.7	7.9	8.2	8.4
70°	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.8	9.1
68.75°	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7
67.5°	7.0	7.4	7.7	8.1	8.4	8.7	9.0	9.4	9.7	10.0	10.3
66.25°	7.5	7.8	8.2	8.5	8.9	9.2	9.6	9.9	10.3	10.6	10.9
65°	7.9	8.3	8.7	9.0	9.4	9.8	10.1	10.5	10.8	11.0	11.2
63.75°	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.1	11.3	11.5
62.5°	8.7	9.2	9.6	10.0	10.4	10.8	11.0	11.2	11.4	11.6	11.8
61.25°	9.2	9.6	10.0	10.5	10.9	11.1	11.3	11.5	11.7	11.9	12.1
60°	9.6	10.0	10.5	10.9	11.1	11.4	11.6	11.8	12.0	12.2	12.4
58.75°	10.0	10.5	10.9	11.1	11.4	11.6	11.8	12.0	12.3	12.5	12.7
57.5°	10.4	10.9	11.1	11.4	11.6	11.8	12.1	12.3	12.5	12.8	13.0
56.25°	10.8	11.1	11.4	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.3
55°	11.0	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.1	13.3	13.6
53.75°	11.2	11.5	11.8	12.0	12.3	12.6	12.8	13.1	13.3	13.6	13.8
52.5°	11.4	11.7	12.0	12.3	12.5	12.8	13.1	13.3	13.6	13.9	14.5
51.25°	11.6	11.9	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.6	15.3
50°	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.5	15.3	16.1
48.75°	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.4	15.3	16.1	16.9
47.5°	12.2	12.5	12.8	13.1	13.4	13.7	14.2	15.1	16.0	16.8	17.4
46.25°	12.3	12.7	13.0	13.3	13.6	14.0	14.9	15.8	16.7	17.3	17.9
45°	12.5	12.9	13.2	13.5	13.8	14.6	15.6	16.5	17.2	17.8	18.4
43.75°	12.7	13.0	13.4	13.7	14.3	15.2	16.2	17.0	17.7	18.3	18.9
42.5°	12.9	13.2	13.6	13.9	14.9	15.8	16.8	17.5	18.1	18.8	19.4
41.25°	13.0	13.4	13.7	14.4	15.4	16.4	17.2	17.9	18.6	19.3	19.9
40°	13.2	13.5	13.9	15.0	16.0	17.0	17.7	18.3	19.0	19.7	20.4
38.75°	13.3	13.7	14.4	15.5	16.5	17.3	18.1	18.8	19.5	20.2	20.8
37.5°	13.5	13.9	14.9	16.0	17.0	17.7	18.5	19.2	19.9	20.6	21.1
36.25°	13.6	14.3	15.4	16.5	17.3	18.1	18.8	19.6	20.3	20.9	21.3
35°	13.8	14.7	15.8	16.9	17.7	18.5	19.2	20.0	20.7	21.1	21.5



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	14.0	15.1	16.3	17.2	18.0	18.8	19.6	20.4	21.0	21.3	21.7
32.5°	14.4	15.6	16.7	17.6	18.4	19.2	19.9	20.7	21.2	21.5	21.9
31.25°	14.8	16.0	17.0	17.9	18.7	19.5	20.3	20.9	21.3	21.7	22.1
30°	15.1	16.4	17.3	18.2	19.0	19.8	20.6	21.1	21.5	21.9	22.3
28.75°	15.5	16.7	17.6	18.4	19.3	20.1	20.9	21.3	21.7	22.1	22.5
27.5°	15.8	17.0	17.9	18.7	19.6	20.4	21.0	21.5	21.9	22.3	22.7
26.25°	16.2	17.2	18.1	19.0	19.8	20.7	21.2	21.6	22.0	22.5	22.9
25°	16.5	17.5	18.4	19.2	20.1	20.9	21.3	21.8	22.2	22.6	23.1
23.75°	16.8	17.7	18.6	19.5	20.4	21.0	21.5	21.9	22.3	22.8	23.2
22.5°	17.0	17.9	18.8	19.7	20.6	21.2	21.6	22.0	22.5	22.9	23.4
21.25°	17.2	18.1	19.0	19.9	20.8	21.3	21.7	22.2	22.6	23.1	23.5
20°	17.4	18.3	19.2	20.1	20.9	21.4	21.8	22.3	22.8	23.2	23.7
18.75°	17.5	18.5	19.4	20.3	21.0	21.5	22.0	22.4	22.9	23.3	23.8
17.5°	17.7	18.6	19.6	20.5	21.1	21.6	22.1	22.5	23.0	23.5	23.9
16.25°	17.9	18.8	19.7	20.7	21.2	21.7	22.2	22.6	23.1	23.6	24.0
15°	18.0	18.9	19.9	20.8	21.3	21.8	22.3	22.7	23.2	23.7	24.2
13.75°	18.1	19.1	20.0	20.9	21.4	21.9	22.3	22.8	23.3	23.8	24.3
12.5°	18.2	19.2	20.2	21.0	21.5	21.9	22.4	22.9	23.4	23.9	24.3
11.25°	18.3	19.3	20.3	21.0	21.5	22.0	22.5	23.0	23.5	23.9	24.4
10°	18.4	19.4	20.4	21.1	21.6	22.1	22.6	23.0	23.5	24.0	24.5
8.75°	18.5	19.5	20.5	21.1	21.6	22.1	22.6	23.1	23.6	24.1	24.6
7.5°	18.6	19.6	20.6	21.2	21.7	22.2	22.7	23.2	23.6	24.1	24.6
6.25°	18.7	19.7	20.6	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
5°	18.7	19.7	20.7	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
3.75°	18.7	19.7	20.7	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
2.5°	18.8	19.8	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
1.25°	18.8	19.8	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
0°	18.8	19.8	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
-1.25°	18.8	19.8	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
-2.5°	18.8	19.8	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
-3.75°	18.7	19.7	20.7	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
-5°	18.7	19.7	20.7	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
-6.25°	18.7	19.7	20.6	21.2	21.7	22.2	22.7	23.2	23.7	24.2	24.7
-7.5°	18.6	19.6	20.6	21.2	21.7	22.2	22.7	23.2	23.6	24.1	24.6
-8.75°	18.5	19.5	20.5	21.1	21.6	22.1	22.6	23.1	23.6	24.1	24.6
-10°	18.4	19.4	20.4	21.1	21.6	22.1	22.6	23.0	23.5	24.0	24.5
-11.25°	18.3	19.3	20.3	21.0	21.5	22.0	22.5	23.0	23.5	23.9	24.4
-12.5°	18.2	19.2	20.2	21.0	21.5	21.9	22.4	22.9	23.4	23.9	24.3
-13.75°	18.1	19.1	20.0	20.9	21.4	21.9	22.3	22.8	23.3	23.8	24.3
-15°	18.0	18.9	19.9	20.8	21.3	21.8	22.3	22.7	23.2	23.7	24.2
-16.25°	17.9	18.8	19.7	20.7	21.2	21.7	22.2	22.6	23.1	23.6	24.0
-17.5°	17.7	18.6	19.6	20.5	21.1	21.6	22.1	22.5	23.0	23.5	23.9
-18.75°	17.5	18.5	19.4	20.3	21.0	21.5	22.0	22.4	22.9	23.3	23.8
-20°	17.4	18.3	19.2	20.1	20.9	21.4	21.8	22.3	22.8	23.2	23.7
-21.25°	17.2	18.1	19.0	19.9	20.8	21.3	21.7	22.2	22.6	23.1	23.5



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	17.0	17.9	18.8	19.7	20.6	21.2	21.6	22.0	22.5	22.9	23.4
-23.75°	16.8	17.7	18.6	19.5	20.4	21.0	21.5	21.9	22.3	22.8	23.2
-25°	16.5	17.5	18.4	19.2	20.1	20.9	21.3	21.8	22.2	22.6	23.1
-26.25°	16.2	17.2	18.1	19.0	19.8	20.7	21.2	21.6	22.0	22.5	22.9
-27.5°	15.8	17.0	17.9	18.7	19.6	20.4	21.0	21.5	21.9	22.3	22.7
-28.75°	15.5	16.7	17.6	18.4	19.3	20.1	20.9	21.3	21.7	22.1	22.5
-30°	15.1	16.4	17.3	18.2	19.0	19.8	20.6	21.1	21.5	21.9	22.3
-31.25°	14.8	16.0	17.0	17.9	18.7	19.5	20.3	20.9	21.3	21.7	22.1
-32.5°	14.4	15.6	16.7	17.6	18.4	19.2	19.9	20.7	21.2	21.5	21.9
-33.75°	14.0	15.1	16.3	17.2	18.0	18.8	19.6	20.4	21.0	21.3	21.7
-35°	13.8	14.7	15.8	16.9	17.7	18.5	19.2	20.0	20.7	21.1	21.5
-36.25°	13.6	14.3	15.4	16.5	17.3	18.1	18.8	19.6	20.3	20.9	21.3
-37.5°	13.5	13.9	14.9	16.0	17.0	17.7	18.5	19.2	19.9	20.6	21.1
-38.75°	13.3	13.7	14.4	15.5	16.5	17.3	18.1	18.8	19.5	20.2	20.8
-40°	13.2	13.5	13.9	15.0	16.0	17.0	17.7	18.3	19.0	19.7	20.4
-41.25°	13.0	13.4	13.7	14.4	15.4	16.4	17.2	17.9	18.6	19.3	19.9
-42.5°	12.9	13.2	13.6	13.9	14.9	15.8	16.8	17.5	18.1	18.8	19.4
-43.75°	12.7	13.0	13.4	13.7	14.3	15.2	16.2	17.0	17.7	18.3	18.9
-45°	12.5	12.9	13.2	13.5	13.8	14.6	15.6	16.5	17.2	17.8	18.4
-46.25°	12.3	12.7	13.0	13.3	13.6	14.0	14.9	15.8	16.7	17.3	17.9
-47.5°	12.2	12.5	12.8	13.1	13.4	13.7	14.2	15.1	16.0	16.8	17.4
-48.75°	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.4	15.3	16.1	16.9
-50°	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.5	15.3	16.1
-51.25°	11.6	11.9	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.6	15.3
-52.5°	11.4	11.7	12.0	12.3	12.5	12.8	13.1	13.3	13.6	13.9	14.5
-53.75°	11.2	11.5	11.8	12.0	12.3	12.6	12.8	13.1	13.3	13.6	13.8
-55°	11.0	11.3	11.6	11.8	12.1	12.3	12.6	12.8	13.1	13.3	13.6
-56.25°	10.8	11.1	11.4	11.6	11.8	12.1	12.3	12.6	12.8	13.0	13.3
-57.5°	10.4	10.9	11.1	11.4	11.6	11.8	12.1	12.3	12.5	12.8	13.0
-58.75°	10.0	10.5	10.9	11.1	11.4	11.6	11.8	12.0	12.3	12.5	12.7
-60°	9.6	10.0	10.5	10.9	11.1	11.4	11.6	11.8	12.0	12.2	12.4
-61.25°	9.2	9.6	10.0	10.5	10.9	11.1	11.3	11.5	11.7	11.9	12.1
-62.5°	8.7	9.2	9.6	10.0	10.4	10.8	11.0	11.2	11.4	11.6	11.8
-63.75°	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.0	11.1	11.3	11.5
-65°	7.9	8.3	8.7	9.0	9.4	9.8	10.1	10.5	10.8	11.0	11.2
-66.25°	7.5	7.8	8.2	8.5	8.9	9.2	9.6	9.9	10.3	10.6	10.9
-67.5°	7.0	7.4	7.7	8.1	8.4	8.7	9.0	9.4	9.7	10.0	10.3
-68.75°	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7
-70°	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.8	9.1
-71.25°	5.8	6.1	6.3	6.6	6.9	7.1	7.4	7.7	7.9	8.2	8.4
-72.5°	5.4	5.6	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.6	7.8
-73.75°	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.8	7.0	7.2
-75°	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
-76.25°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0
-77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8
-80°	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
-81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5
-82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
-83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
-85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
-86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
78.75°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2
77.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9
76.25°	6.2	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.7
75°	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.5
73.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3
72.5°	8.0	8.3	8.5	8.7	8.9	9.1	9.4	9.6	9.8	9.9	10.1
71.25°	8.7	8.9	9.2	9.4	9.6	9.9	10.1	10.3	10.5	10.7	10.9
70°	9.3	9.6	9.8	10.1	10.3	10.6	10.8	11.0	11.1	11.2	11.3
68.75°	10.0	10.2	10.5	10.8	11.0	11.1	11.2	11.3	11.5	11.6	11.7
67.5°	10.6	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.8	12.0	12.1
66.25°	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5
65°	11.4	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6	12.7	12.9
63.75°	11.7	11.9	12.0	12.2	12.4	12.5	12.7	12.8	13.0	13.1	13.3
62.5°	12.0	12.2	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6
61.25°	12.3	12.5	12.7	12.9	13.0	13.2	13.4	13.5	13.7	13.9	14.3
60°	12.6	12.8	13.0	13.2	13.4	13.6	13.7	13.9	14.4	14.9	15.4
58.75°	12.9	13.1	13.3	13.5	13.7	13.9	14.4	15.0	15.5	16.0	16.5
57.5°	13.2	13.4	13.6	13.8	14.3	14.9	15.4	16.0	16.5	17.0	17.3
56.25°	13.5	13.7	14.0	14.6	15.2	15.8	16.4	17.0	17.3	17.7	18.1
55°	13.8	14.2	14.9	15.6	16.2	16.8	17.2	17.7	18.1	18.5	18.8
53.75°	14.4	15.1	15.8	16.5	17.0	17.5	17.9	18.3	18.8	19.2	19.6
52.5°	15.3	16.0	16.7	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3
51.25°	16.1	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.2	20.6	20.9
50°	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.8	21.1	21.3
48.75°	17.4	18.0	18.5	19.0	19.6	20.1	20.6	20.9	21.2	21.4	21.6
47.5°	18.0	18.5	19.1	19.6	20.2	20.7	21.0	21.3	21.5	21.8	22.0
46.25°	18.5	19.1	19.7	20.2	20.8	21.1	21.3	21.6	21.9	22.1	22.4
45°	19.0	19.6	20.2	20.8	21.1	21.4	21.6	21.9	22.2	22.4	22.7
43.75°	19.6	20.2	20.8	21.1	21.4	21.7	22.0	22.2	22.5	22.8	23.1
42.5°	20.1	20.7	21.1	21.4	21.7	22.0	22.3	22.6	22.8	23.1	23.4
41.25°	20.6	21.0	21.3	21.6	22.0	22.3	22.6	22.9	23.2	23.4	23.7
40°	20.9	21.3	21.6	21.9	22.2	22.6	22.9	23.2	23.5	23.8	24.1
38.75°	21.2	21.5	21.9	22.2	22.5	22.8	23.2	23.5	23.8	24.1	24.4
37.5°	21.4	21.8	22.1	22.4	22.8	23.1	23.4	23.8	24.1	24.4	24.7
36.25°	21.6	22.0	22.4	22.7	23.1	23.4	23.7	24.1	24.4	24.7	25.3
35°	21.9	22.2	22.6	23.0	23.3	23.7	24.0	24.3	24.7	25.2	25.9



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	22.1	22.5	22.8	23.2	23.6	23.9	24.3	24.6	25.1	25.8	26.5
32.5°	22.3	22.7	23.1	23.4	23.8	24.2	24.5	25.0	25.7	26.4	27.1
31.25°	22.5	22.9	23.3	23.7	24.1	24.4	24.8	25.5	26.3	27.0	27.6
30°	22.7	23.1	23.5	23.9	24.3	24.7	25.3	26.0	26.8	27.5	28.2
28.75°	22.9	23.3	23.7	24.1	24.5	25.0	25.8	26.6	27.3	28.0	28.7
27.5°	23.1	23.5	23.9	24.3	24.7	25.5	26.3	27.0	27.8	28.5	29.0
26.25°	23.3	23.7	24.1	24.5	25.1	25.9	26.7	27.5	28.2	28.8	29.2
25°	23.5	23.9	24.3	24.7	25.5	26.3	27.1	27.9	28.7	29.1	29.5
23.75°	23.6	24.1	24.5	25.1	25.9	26.8	27.5	28.3	28.9	29.3	29.7
22.5°	23.8	24.2	24.7	25.4	26.3	27.1	27.9	28.7	29.1	29.6	29.7
21.25°	24.0	24.4	24.9	25.8	26.7	27.5	28.3	28.9	29.3	29.7	29.7
20°	24.1	24.6	25.2	26.1	27.0	27.8	28.7	29.1	29.6	29.7	29.7
18.75°	24.3	24.7	25.5	26.4	27.3	28.2	28.9	29.3	29.7	29.7	29.7
17.5°	24.4	24.9	25.8	26.7	27.6	28.5	29.0	29.5	29.7	29.7	29.9
16.25°	24.5	25.1	26.1	27.0	27.9	28.7	29.2	29.6	29.7	29.7	30.3
15°	24.6	25.4	26.3	27.2	28.1	28.9	29.3	29.7	29.7	29.7	30.6
13.75°	24.7	25.6	26.6	27.5	28.4	29.0	29.5	29.7	29.7	30.0	31.0
12.5°	24.9	25.8	26.8	27.7	28.6	29.1	29.6	29.7	29.7	30.3	31.2
11.25°	25.0	26.0	27.0	27.9	28.7	29.2	29.7	29.7	29.7	30.6	31.5
10°	25.2	26.2	27.1	28.0	28.8	29.3	29.7	29.7	29.8	30.8	31.8
8.75°	25.3	26.3	27.3	28.2	28.9	29.4	29.7	29.7	30.0	31.0	32.1
7.5°	25.5	26.4	27.4	28.3	29.0	29.5	29.7	29.7	30.2	31.2	32.4
6.25°	25.6	26.6	27.5	28.4	29.1	29.6	29.7	29.7	30.4	31.3	32.6
5°	25.6	26.6	27.6	28.5	29.1	29.6	29.7	29.7	30.5	31.5	32.8
3.75°	25.7	26.7	27.7	28.6	29.1	29.6	29.7	29.7	30.6	31.6	33.0
2.5°	25.8	26.8	27.7	28.7	29.2	29.7	29.7	29.7	30.6	31.6	33.1
1.25°	25.8	26.8	27.7	28.7	29.2	29.7	29.7	29.7	30.7	31.7	33.2
0°	25.8	26.8	27.8	28.7	29.2	29.7	29.7	29.7	30.7	31.7	33.2
-1.25°	25.8	26.8	27.7	28.7	29.2	29.7	29.7	29.7	30.7	31.7	33.2
-2.5°	25.8	26.8	27.7	28.7	29.2	29.7	29.7	29.7	30.6	31.6	33.1
-3.75°	25.7	26.7	27.7	28.6	29.1	29.6	29.7	29.7	30.6	31.6	33.0
-5°	25.6	26.6	27.6	28.5	29.1	29.6	29.7	29.7	30.5	31.5	32.8
-6.25°	25.6	26.6	27.5	28.4	29.1	29.6	29.7	29.7	30.4	31.3	32.6
-7.5°	25.5	26.4	27.4	28.3	29.0	29.5	29.7	29.7	30.2	31.2	32.4
-8.75°	25.3	26.3	27.3	28.2	28.9	29.4	29.7	29.7	30.0	31.0	32.1
-10°	25.2	26.2	27.1	28.0	28.8	29.3	29.7	29.7	29.8	30.8	31.8
-11.25°	25.0	26.0	27.0	27.9	28.7	29.2	29.7	29.7	29.7	30.6	31.5
-12.5°	24.9	25.8	26.8	27.7	28.6	29.1	29.6	29.7	29.7	30.3	31.2
-13.75°	24.7	25.6	26.6	27.5	28.4	29.0	29.5	29.7	29.7	30.0	31.0
-15°	24.6	25.4	26.3	27.2	28.1	28.9	29.3	29.7	29.7	29.7	30.6
-16.25°	24.5	25.1	26.1	27.0	27.9	28.7	29.2	29.6	29.7	29.7	30.3
-17.5°	24.4	24.9	25.8	26.7	27.6	28.5	29.0	29.5	29.7	29.7	29.9
-18.75°	24.3	24.7	25.5	26.4	27.3	28.2	28.9	29.3	29.7	29.7	29.7
-20°	24.1	24.6	25.2	26.1	27.0	27.8	28.7	29.1	29.6	29.7	29.7
-21.25°	24.0	24.4	24.9	25.8	26.7	27.5	28.3	28.9	29.3	29.7	29.7



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	23.8	24.2	24.7	25.4	26.3	27.1	27.9	28.7	29.1	29.6	29.7
-23.75°	23.6	24.1	24.5	25.1	25.9	26.8	27.5	28.3	28.9	29.3	29.7
-25°	23.5	23.9	24.3	24.7	25.5	26.3	27.1	27.9	28.7	29.1	29.5
-26.25°	23.3	23.7	24.1	24.5	25.1	25.9	26.7	27.5	28.2	28.8	29.2
-27.5°	23.1	23.5	23.9	24.3	24.7	25.5	26.3	27.0	27.8	28.5	29.0
-28.75°	22.9	23.3	23.7	24.1	24.5	25.0	25.8	26.6	27.3	28.0	28.7
-30°	22.7	23.1	23.5	23.9	24.3	24.7	25.3	26.0	26.8	27.5	28.2
-31.25°	22.5	22.9	23.3	23.7	24.1	24.4	24.8	25.5	26.3	27.0	27.6
-32.5°	22.3	22.7	23.1	23.4	23.8	24.2	24.5	25.0	25.7	26.4	27.1
-33.75°	22.1	22.5	22.8	23.2	23.6	23.9	24.3	24.6	25.1	25.8	26.5
-35°	21.9	22.2	22.6	23.0	23.3	23.7	24.0	24.3	24.7	25.2	25.9
-36.25°	21.6	22.0	22.4	22.7	23.1	23.4	23.7	24.1	24.4	24.7	25.3
-37.5°	21.4	21.8	22.1	22.4	22.8	23.1	23.4	23.8	24.1	24.4	24.7
-38.75°	21.2	21.5	21.9	22.2	22.5	22.8	23.2	23.5	23.8	24.1	24.4
-40°	20.9	21.3	21.6	21.9	22.2	22.6	22.9	23.2	23.5	23.8	24.1
-41.25°	20.6	21.0	21.3	21.6	22.0	22.3	22.6	22.9	23.2	23.4	23.7
-42.5°	20.1	20.7	21.1	21.4	21.7	22.0	22.3	22.6	22.8	23.1	23.4
-43.75°	19.6	20.2	20.8	21.1	21.4	21.7	22.0	22.2	22.5	22.8	23.1
-45°	19.0	19.6	20.2	20.8	21.1	21.4	21.6	21.9	22.2	22.4	22.7
-46.25°	18.5	19.1	19.7	20.2	20.8	21.1	21.3	21.6	21.9	22.1	22.4
-47.5°	18.0	18.5	19.1	19.6	20.2	20.7	21.0	21.3	21.5	21.8	22.0
-48.75°	17.4	18.0	18.5	19.0	19.6	20.1	20.6	20.9	21.2	21.4	21.6
-50°	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.8	21.1	21.3
-51.25°	16.1	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.2	20.6	20.9
-52.5°	15.3	16.0	16.7	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3
-53.75°	14.4	15.1	15.8	16.5	17.0	17.5	17.9	18.3	18.8	19.2	19.6
-55°	13.8	14.2	14.9	15.6	16.2	16.8	17.2	17.7	18.1	18.5	18.8
-56.25°	13.5	13.7	14.0	14.6	15.2	15.8	16.4	17.0	17.3	17.7	18.1
-57.5°	13.2	13.4	13.6	13.8	14.3	14.9	15.4	16.0	16.5	17.0	17.3
-58.75°	12.9	13.1	13.3	13.5	13.7	13.9	14.4	15.0	15.5	16.0	16.5
-60°	12.6	12.8	13.0	13.2	13.4	13.6	13.7	13.9	14.4	14.9	15.4
-61.25°	12.3	12.5	12.7	12.9	13.0	13.2	13.4	13.5	13.7	13.9	14.3
-62.5°	12.0	12.2	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6
-63.75°	11.7	11.9	12.0	12.2	12.4	12.5	12.7	12.8	13.0	13.1	13.3
-65°	11.4	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6	12.7	12.9
-66.25°	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5
-67.5°	10.6	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.8	12.0	12.1
-68.75°	10.0	10.2	10.5	10.8	11.0	11.1	11.2	11.3	11.5	11.6	11.7
-70°	9.3	9.6	9.8	10.1	10.3	10.6	10.8	11.0	11.1	11.2	11.3
-71.25°	8.7	8.9	9.2	9.4	9.6	9.9	10.1	10.3	10.5	10.7	10.9
-72.5°	8.0	8.3	8.5	8.7	8.9	9.1	9.4	9.6	9.8	9.9	10.1
-73.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3
-75°	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.5
-76.25°	6.2	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.7
-77.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2
-80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
-81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
-82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
81.25°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4
80°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.3	6.3
78.75°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.1	7.2
77.5°	7.1	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.0	8.1
76.25°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.9	9.0	9.0
75°	8.7	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0
73.75°	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9
72.5°	10.3	10.5	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3	11.4
71.25°	11.0	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8
70°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.2	12.3
68.75°	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.6	12.7
67.5°	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2
66.25°	12.6	12.7	12.8	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.6
65°	13.0	13.1	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.2	14.5
63.75°	13.4	13.5	13.7	13.8	13.9	14.3	14.6	14.9	15.2	15.5	15.8
62.5°	13.8	14.0	14.4	14.8	15.1	15.5	15.8	16.2	16.5	16.8	17.0
61.25°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.2	17.5	17.7	17.9
60°	15.8	16.3	16.7	17.0	17.3	17.6	17.9	18.1	18.4	18.6	18.8
58.75°	16.9	17.2	17.6	17.9	18.2	18.4	18.7	19.0	19.2	19.5	19.7
57.5°	17.7	18.0	18.4	18.7	19.0	19.3	19.6	19.8	20.1	20.4	20.6
56.25°	18.5	18.8	19.2	19.5	19.8	20.1	20.4	20.7	20.9	21.0	21.2
55°	19.2	19.6	19.9	20.3	20.6	20.9	21.0	21.2	21.3	21.5	21.6
53.75°	20.0	20.4	20.7	20.9	21.1	21.3	21.5	21.6	21.8	21.9	22.0
52.5°	20.7	21.0	21.2	21.3	21.5	21.7	21.9	22.0	22.2	22.3	22.5
51.25°	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.6	22.8	22.9
50°	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.2	23.4
48.75°	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.6	23.8
47.5°	22.2	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.2
46.25°	22.6	22.8	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7
45°	23.0	23.2	23.4	23.7	23.9	24.1	24.3	24.5	24.7	25.1	25.4
43.75°	23.3	23.6	23.8	24.1	24.3	24.5	24.7	25.1	25.5	25.9	26.3
42.5°	23.7	23.9	24.2	24.4	24.7	25.0	25.5	25.9	26.3	26.8	27.1
41.25°	24.0	24.3	24.5	24.8	25.3	25.8	26.3	26.7	27.1	27.5	27.9
40°	24.3	24.6	25.0	25.5	26.0	26.6	27.0	27.5	27.9	28.3	28.7
38.75°	24.7	25.1	25.7	26.3	26.8	27.3	27.8	28.2	28.7	28.9	29.1
37.5°	25.2	25.8	26.4	27.0	27.5	28.0	28.5	28.8	29.1	29.3	29.6
36.25°	25.9	26.5	27.1	27.6	28.2	28.7	29.0	29.2	29.5	29.7	29.7
35°	26.5	27.1	27.7	28.3	28.8	29.1	29.3	29.6	29.7	29.7	29.7



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	27.1	27.7	28.3	28.8	29.1	29.4	29.7	29.7	29.7	29.7	29.9
32.5°	27.7	28.3	28.8	29.2	29.5	29.7	29.7	29.7	29.7	30.1	30.6
31.25°	28.3	28.8	29.2	29.5	29.7	29.7	29.7	29.8	30.3	30.9	31.4
30°	28.8	29.1	29.5	29.7	29.7	29.7	29.9	30.5	31.1	31.6	32.5
28.75°	29.1	29.4	29.7	29.7	29.7	29.9	30.5	31.2	31.8	32.7	33.6
27.5°	29.3	29.7	29.7	29.7	29.9	30.5	31.2	31.9	32.9	33.8	35.2
26.25°	29.6	29.7	29.7	29.8	30.5	31.2	31.9	33.0	33.9	37.2	48.0
25°	29.7	29.7	29.7	30.3	31.1	31.8	32.9	33.9	37.8	49.3	60.5
23.75°	29.7	29.7	30.1	30.9	31.6	32.7	33.8	37.2	49.3	61.2	74.1
22.5°	29.7	29.9	30.6	31.4	32.5	33.6	35.2	48.0	60.5	74.1	90.7
21.25°	29.7	30.3	31.2	32.1	33.3	34.5	45.3	58.4	72.1	89.7	107.0
20°	30.0	30.8	31.6	32.8	34.1	41.3	55.0	68.5	86.7	104.9	123.0
18.75°	30.4	31.3	32.3	33.6	36.0	50.2	64.3	81.7	100.8	119.6	139.4
17.5°	30.8	31.7	33.0	34.2	44.2	58.8	74.7	94.6	114.2	134.7	156.5
16.25°	31.2	32.3	33.6	36.9	52.0	66.9	86.5	106.9	127.7	150.0	174.3
15°	31.5	32.8	34.2	44.0	59.3	76.6	97.7	118.6	141.0	165.3	192.6
13.75°	32.0	33.3	34.8	50.5	66.2	86.6	108.1	130.3	154.4	181.1	211.7
12.5°	32.4	33.8	40.6	56.6	73.8	95.9	117.8	141.5	167.5	197.2	230.4
11.25°	32.8	34.3	46.0	62.2	81.9	104.4	127.4	152.5	180.5	212.9	248.0
10°	33.2	34.7	50.8	67.2	89.3	112.1	136.1	162.5	193.1	228.0	263.7
8.75°	33.6	38.4	55.1	72.7	95.9	119.1	144.4	172.6	205.4	241.7	277.7
7.5°	33.9	42.0	58.8	78.2	101.6	125.6	151.9	181.5	216.2	253.7	291.1
6.25°	34.1	45.0	62.0	82.8	106.6	131.2	158.2	189.3	226.0	263.8	302.8
5°	34.3	47.5	64.7	86.7	110.6	135.8	163.8	196.6	234.1	272.1	312.5
3.75°	34.5	49.5	66.7	89.7	113.8	139.4	168.4	202.3	240.5	278.7	320.3
2.5°	34.6	50.9	68.2	91.9	116.1	142.2	171.8	206.4	245.1	283.8	326.0
1.25°	34.7	51.8	69.1	93.2	117.4	143.9	173.8	208.8	247.9	286.9	329.4
0°	34.7	52.1	69.4	93.6	117.9	144.5	174.5	209.7	248.8	287.9	330.6
-1.25°	34.7	51.8	69.1	93.2	117.4	143.9	173.8	208.8	247.9	286.9	329.4
-2.5°	34.6	50.9	68.2	91.9	116.1	142.2	171.8	206.4	245.1	283.8	326.0
-3.75°	34.5	49.5	66.7	89.7	113.8	139.4	168.4	202.3	240.5	278.7	320.3
-5°	34.3	47.5	64.7	86.7	110.6	135.8	163.8	196.6	234.1	272.1	312.5
-6.25°	34.1	45.0	62.0	82.8	106.6	131.2	158.2	189.3	226.0	263.8	302.8
-7.5°	33.9	42.0	58.8	78.2	101.6	125.6	151.9	181.5	216.2	253.7	291.1
-8.75°	33.6	38.4	55.1	72.7	95.9	119.1	144.4	172.6	205.4	241.7	277.7
-10°	33.2	34.7	50.8	67.2	89.3	112.1	136.1	162.5	193.1	228.0	263.7
-11.25°	32.8	34.3	46.0	62.2	81.9	104.4	127.4	152.5	180.5	212.9	248.0
-12.5°	32.4	33.8	40.6	56.6	73.8	95.9	117.8	141.5	167.5	197.2	230.4
-13.75°	32.0	33.3	34.8	50.5	66.2	86.6	108.1	130.3	154.4	181.1	211.7
-15°	31.5	32.8	34.2	44.0	59.3	76.6	97.7	118.6	141.0	165.3	192.6
-16.25°	31.2	32.3	33.6	36.9	52.0	66.9	86.5	106.9	127.7	150.0	174.3
-17.5°	30.8	31.7	33.0	34.2	44.2	58.8	74.7	94.6	114.2	134.7	156.5
-18.75°	30.4	31.3	32.3	33.6	36.0	50.2	64.3	81.7	100.8	119.6	139.4
-20°	30.0	30.8	31.6	32.8	34.1	41.3	55.0	68.5	86.7	104.9	123.0
-21.25°	29.7	30.3	31.2	32.1	33.3	34.5	45.3	58.4	72.1	89.7	107.0



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	29.7	29.9	30.6	31.4	32.5	33.6	35.2	48.0	60.5	74.1	90.7
-23.75°	29.7	29.7	30.1	30.9	31.6	32.7	33.8	37.2	49.3	61.2	74.1
-25°	29.7	29.7	29.7	30.3	31.1	31.8	32.9	33.9	37.8	49.3	60.5
-26.25°	29.6	29.7	29.7	29.8	30.5	31.2	31.9	33.0	33.9	37.2	48.0
-27.5°	29.3	29.7	29.7	29.7	29.9	30.5	31.2	31.9	32.9	33.8	35.2
-28.75°	29.1	29.4	29.7	29.7	29.7	29.9	30.5	31.2	31.8	32.7	33.6
-30°	28.8	29.1	29.5	29.7	29.7	29.7	29.9	30.5	31.1	31.6	32.5
-31.25°	28.3	28.8	29.2	29.5	29.7	29.7	29.7	29.8	30.3	30.9	31.4
-32.5°	27.7	28.3	28.8	29.2	29.5	29.7	29.7	29.7	29.7	30.1	30.6
-33.75°	27.1	27.7	28.3	28.8	29.1	29.4	29.7	29.7	29.7	29.7	29.9
-35°	26.5	27.1	27.7	28.3	28.8	29.1	29.3	29.6	29.7	29.7	29.7
-36.25°	25.9	26.5	27.1	27.6	28.2	28.7	29.0	29.2	29.5	29.7	29.7
-37.5°	25.2	25.8	26.4	27.0	27.5	28.0	28.5	28.8	29.1	29.3	29.6
-38.75°	24.7	25.1	25.7	26.3	26.8	27.3	27.8	28.2	28.7	28.9	29.1
-40°	24.3	24.6	25.0	25.5	26.0	26.6	27.0	27.5	27.9	28.3	28.7
-41.25°	24.0	24.3	24.5	24.8	25.3	25.8	26.3	26.7	27.1	27.5	27.9
-42.5°	23.7	23.9	24.2	24.4	24.7	25.0	25.5	25.9	26.3	26.8	27.1
-43.75°	23.3	23.6	23.8	24.1	24.3	24.5	24.7	25.1	25.5	25.9	26.3
-45°	23.0	23.2	23.4	23.7	23.9	24.1	24.3	24.5	24.7	25.1	25.4
-46.25°	22.6	22.8	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7
-47.5°	22.2	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.2
-48.75°	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.6	23.8
-50°	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.2	23.4
-51.25°	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.6	22.8	22.9
-52.5°	20.7	21.0	21.2	21.3	21.5	21.7	21.9	22.0	22.2	22.3	22.5
-53.75°	20.0	20.4	20.7	20.9	21.1	21.3	21.5	21.6	21.8	21.9	22.0
-55°	19.2	19.6	19.9	20.3	20.6	20.9	21.0	21.2	21.3	21.5	21.6
-56.25°	18.5	18.8	19.2	19.5	19.8	20.1	20.4	20.7	20.9	21.0	21.2
-57.5°	17.7	18.0	18.4	18.7	19.0	19.3	19.6	19.8	20.1	20.4	20.6
-58.75°	16.9	17.2	17.6	17.9	18.2	18.4	18.7	19.0	19.2	19.5	19.7
-60°	15.8	16.3	16.7	17.0	17.3	17.6	17.9	18.1	18.4	18.6	18.8
-61.25°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.2	17.5	17.7	17.9
-62.5°	13.8	14.0	14.4	14.8	15.1	15.5	15.8	16.2	16.5	16.8	17.0
-63.75°	13.4	13.5	13.7	13.8	13.9	14.3	14.6	14.9	15.2	15.5	15.8
-65°	13.0	13.1	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.2	14.5
-66.25°	12.6	12.7	12.8	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.6
-67.5°	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2
-68.75°	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.6	12.7
-70°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.2	12.3
-71.25°	11.0	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8
-72.5°	10.3	10.5	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3	11.4
-73.75°	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9
-75°	8.7	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0
-76.25°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.9	9.0	9.0
-77.5°	7.1	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.0	8.1



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.1	7.2
-80°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.3	6.3
-81.25°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4
-82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
-85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
-86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
81.25°	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.8	5.9
80°	6.4	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8
78.75°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
77.5°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8
76.25°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.8
75°	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8
73.75°	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.2	11.3	11.3	11.3
72.5°	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.7	11.8	11.8	11.8
71.25°	11.9	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3	12.3
70°	12.3	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.7	12.8	12.8
68.75°	12.8	12.9	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.3	13.3
67.5°	13.3	13.3	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.8	13.8
66.25°	13.7	13.8	13.9	14.0	14.2	14.4	14.5	14.7	14.8	14.9	15.0
65°	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.3	16.4
63.75°	16.0	16.3	16.5	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.5
62.5°	17.2	17.4	17.5	17.7	17.9	18.0	18.1	18.2	18.3	18.4	18.5
61.25°	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4	19.5
60°	19.0	19.2	19.4	19.6	19.7	19.9	20.0	20.2	20.3	20.4	20.5
58.75°	19.9	20.1	20.3	20.5	20.7	20.8	20.9	21.0	21.0	21.1	21.1
57.5°	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.5	21.6	21.6
56.25°	21.3	21.4	21.5	21.6	21.7	21.8	21.9	21.9	22.0	22.1	22.1
55°	21.7	21.8	22.0	22.1	22.2	22.3	22.3	22.4	22.5	22.6	22.6
53.75°	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.0	23.1
52.5°	22.6	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.5	23.6
51.25°	23.1	23.2	23.3	23.5	23.6	23.7	23.8	23.9	23.9	24.0	24.1
50°	23.5	23.7	23.8	23.9	24.0	24.2	24.3	24.3	24.4	24.5	24.6
48.75°	24.0	24.1	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.2	25.3
47.5°	24.4	24.6	24.7	24.9	25.1	25.4	25.6	25.8	26.0	26.2	26.3
46.25°	24.9	25.2	25.5	25.8	26.1	26.3	26.6	26.8	27.0	27.1	27.3
45°	25.8	26.1	26.4	26.7	27.0	27.2	27.5	27.7	27.9	28.0	28.2
43.75°	26.7	27.0	27.3	27.6	27.9	28.1	28.4	28.6	28.7	28.8	28.9
42.5°	27.5	27.8	28.2	28.5	28.7	28.9	29.0	29.1	29.2	29.3	29.4
41.25°	28.3	28.7	28.9	29.0	29.2	29.3	29.5	29.6	29.7	29.7	29.7
40°	28.9	29.1	29.3	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7
38.75°	29.3	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	30.0
37.5°	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.3	30.6	30.8	31.0
36.25°	29.7	29.7	29.7	29.9	30.3	30.6	31.0	31.2	31.5	31.8	32.1
35°	29.7	30.0	30.4	30.8	31.2	31.5	32.0	32.4	32.8	33.2	33.6



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	30.3	30.8	31.3	31.7	32.3	32.8	33.3	33.8	34.3	34.7	38.4
32.5°	31.2	31.6	32.3	33.0	33.6	34.2	34.8	40.6	46.0	50.8	55.1
31.25°	32.1	32.8	33.6	34.2	36.9	44.0	50.5	56.6	62.2	67.2	72.7
30°	33.3	34.1	36.0	44.2	52.0	59.3	66.2	73.8	81.9	89.3	95.9
28.75°	34.5	41.3	50.2	58.8	66.9	76.6	86.6	95.9	104.4	112.1	119.1
27.5°	45.3	55.0	64.3	74.7	86.5	97.7	108.1	117.8	127.4	136.1	144.4
26.25°	58.4	68.5	81.7	94.6	106.9	118.6	130.3	141.5	152.5	162.5	172.6
25°	72.1	86.7	100.8	114.2	127.7	141.0	154.4	167.5	180.5	193.1	205.4
23.75°	89.7	104.9	119.6	134.7	150.0	165.3	181.1	197.2	212.9	228.0	241.7
22.5°	107.0	123.0	139.4	156.5	174.3	192.6	211.7	230.4	248.0	263.7	277.7
21.25°	124.2	142.0	160.5	180.4	201.6	223.2	244.5	264.0	282.1	300.2	316.5
20°	142.0	161.8	183.5	207.1	231.1	254.5	276.1	298.1	319.0	338.6	356.3
18.75°	160.5	183.5	208.9	235.1	260.5	284.8	309.7	333.7	356.2	376.9	396.0
17.5°	180.4	207.1	235.1	262.5	289.4	316.8	343.7	369.0	393.0	415.5	435.0
16.25°	201.6	231.1	260.5	289.4	319.3	348.7	376.8	404.1	429.2	451.7	471.6
15°	223.2	254.5	284.8	316.8	348.7	379.5	409.7	437.4	462.7	485.8	506.4
13.75°	244.5	276.1	309.7	343.7	376.8	409.7	440.2	468.3	494.3	518.1	539.3
12.5°	264.0	298.1	333.7	369.0	404.1	437.4	468.3	497.2	523.9	548.3	569.5
11.25°	282.1	319.0	356.2	393.0	429.2	462.7	494.3	523.9	551.2	575.5	596.8
10°	300.2	338.6	376.9	415.5	451.7	485.8	518.1	548.3	575.5	599.8	617.3
8.75°	316.5	356.3	396.0	435.0	471.6	506.4	539.3	569.5	596.8	617.3	634.0
7.5°	331.4	372.0	413.2	452.2	489.3	524.6	557.8	588.0	612.6	631.8	647.1
6.25°	344.1	385.6	427.4	466.7	504.3	540.3	573.5	603.5	625.1	643.4	657.5
5°	354.7	397.2	439.1	478.9	517.0	553.0	586.1	613.5	635.0	651.8	666.1
3.75°	363.1	406.4	448.4	488.3	526.7	562.9	596.1	621.6	642.4	658.3	672.8
2.5°	369.1	413.0	454.9	495.1	533.7	570.0	603.2	627.0	646.9	663.1	677.7
1.25°	372.7	417.0	458.9	499.2	538.0	574.3	606.4	630.3	649.7	666.0	680.5
0°	373.9	418.3	460.2	500.6	539.4	575.8	607.6	631.4	650.7	667.0	681.4
-1.25°	372.7	417.0	458.9	499.2	538.0	574.3	606.4	630.3	649.7	666.0	680.5
-2.5°	369.1	413.0	454.9	495.1	533.7	570.0	603.2	627.0	646.9	663.1	677.7
-3.75°	363.1	406.4	448.4	488.3	526.7	562.9	596.1	621.6	642.4	658.3	672.8
-5°	354.7	397.2	439.1	478.9	517.0	553.0	586.1	613.5	635.0	651.8	666.1
-6.25°	344.1	385.6	427.4	466.7	504.3	540.3	573.5	603.5	625.1	643.4	657.5
-7.5°	331.4	372.0	413.2	452.2	489.3	524.6	557.8	588.0	612.6	631.8	647.1
-8.75°	316.5	356.3	396.0	435.0	471.6	506.4	539.3	569.5	596.8	617.3	634.0
-10°	300.2	338.6	376.9	415.5	451.7	485.8	518.1	548.3	575.5	599.8	617.3
-11.25°	282.1	319.0	356.2	393.0	429.2	462.7	494.3	523.9	551.2	575.5	596.8
-12.5°	264.0	298.1	333.7	369.0	404.1	437.4	468.3	497.2	523.9	548.3	569.5
-13.75°	244.5	276.1	309.7	343.7	376.8	409.7	440.2	468.3	494.3	518.1	539.3
-15°	223.2	254.5	284.8	316.8	348.7	379.5	409.7	437.4	462.7	485.8	506.4
-16.25°	201.6	231.1	260.5	289.4	319.3	348.7	376.8	404.1	429.2	451.7	471.6
-17.5°	180.4	207.1	235.1	262.5	289.4	316.8	343.7	369.0	393.0	415.5	435.0
-18.75°	160.5	183.5	208.9	235.1	260.5	284.8	309.7	333.7	356.2	376.9	396.0
-20°	142.0	161.8	183.5	207.1	231.1	254.5	276.1	298.1	319.0	338.6	356.3
-21.25°	124.2	142.0	160.5	180.4	201.6	223.2	244.5	264.0	282.1	300.2	316.5



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	107.0	123.0	139.4	156.5	174.3	192.6	211.7	230.4	248.0	263.7	277.7
-23.75°	89.7	104.9	119.6	134.7	150.0	165.3	181.1	197.2	212.9	228.0	241.7
-25°	72.1	86.7	100.8	114.2	127.7	141.0	154.4	167.5	180.5	193.1	205.4
-26.25°	58.4	68.5	81.7	94.6	106.9	118.6	130.3	141.5	152.5	162.5	172.6
-27.5°	45.3	55.0	64.3	74.7	86.5	97.7	108.1	117.8	127.4	136.1	144.4
-28.75°	34.5	41.3	50.2	58.8	66.9	76.6	86.6	95.9	104.4	112.1	119.1
-30°	33.3	34.1	36.0	44.2	52.0	59.3	66.2	73.8	81.9	89.3	95.9
-31.25°	32.1	32.8	33.6	34.2	36.9	44.0	50.5	56.6	62.2	67.2	72.7
-32.5°	31.2	31.6	32.3	33.0	33.6	34.2	34.8	40.6	46.0	50.8	55.1
-33.75°	30.3	30.8	31.3	31.7	32.3	32.8	33.3	33.8	34.3	34.7	38.4
-35°	29.7	30.0	30.4	30.8	31.2	31.5	32.0	32.4	32.8	33.2	33.6
-36.25°	29.7	29.7	29.7	29.9	30.3	30.6	31.0	31.2	31.5	31.8	32.1
-37.5°	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.3	30.6	30.8	31.0
-38.75°	29.3	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	30.0
-40°	28.9	29.1	29.3	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7
-41.25°	28.3	28.7	28.9	29.0	29.2	29.3	29.5	29.6	29.7	29.7	29.7
-42.5°	27.5	27.8	28.2	28.5	28.7	28.9	29.0	29.1	29.2	29.3	29.4
-43.75°	26.7	27.0	27.3	27.6	27.9	28.1	28.4	28.6	28.7	28.8	28.9
-45°	25.8	26.1	26.4	26.7	27.0	27.2	27.5	27.7	27.9	28.0	28.2
-46.25°	24.9	25.2	25.5	25.8	26.1	26.3	26.6	26.8	27.0	27.1	27.3
-47.5°	24.4	24.6	24.7	24.9	25.1	25.4	25.6	25.8	26.0	26.2	26.3
-48.75°	24.0	24.1	24.3	24.4	24.5	24.6	24.7	24.9	25.0	25.2	25.3
-50°	23.5	23.7	23.8	23.9	24.0	24.2	24.3	24.3	24.4	24.5	24.6
-51.25°	23.1	23.2	23.3	23.5	23.6	23.7	23.8	23.9	23.9	24.0	24.1
-52.5°	22.6	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.5	23.6
-53.75°	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.0	23.1
-55°	21.7	21.8	22.0	22.1	22.2	22.3	22.3	22.4	22.5	22.6	22.6
-56.25°	21.3	21.4	21.5	21.6	21.7	21.8	21.9	21.9	22.0	22.1	22.1
-57.5°	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.5	21.6	21.6
-58.75°	19.9	20.1	20.3	20.5	20.7	20.8	20.9	21.0	21.0	21.1	21.1
-60°	19.0	19.2	19.4	19.6	19.7	19.9	20.0	20.2	20.3	20.4	20.5
-61.25°	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4	19.5
-62.5°	17.2	17.4	17.5	17.7	17.9	18.0	18.1	18.2	18.3	18.4	18.5
-63.75°	16.0	16.3	16.5	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.5
-65°	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.3	16.4
-66.25°	13.7	13.8	13.9	14.0	14.2	14.4	14.5	14.7	14.8	14.9	15.0
-67.5°	13.3	13.3	13.4	13.5	13.5	13.6	13.6	13.7	13.7	13.8	13.8
-68.75°	12.8	12.9	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.3	13.3
-70°	12.3	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.7	12.8	12.8
-71.25°	11.9	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3	12.3
-72.5°	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.7	11.8	11.8	11.8
-73.75°	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.2	11.3	11.3	11.3
-75°	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8
-76.25°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.8
-77.5°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
-80°	6.4	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8
-81.25°	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.8	5.9
-82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
-85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
81.25°	5.9	5.9	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.9	5.9
80°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
78.75°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
77.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
76.25°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
75°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
73.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
72.5°	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
71.25°	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
70°	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
68.75°	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
67.5°	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
66.25°	15.1	15.2	15.2	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.2
65°	16.5	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
63.75°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
62.5°	18.6	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
61.25°	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
60°	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.7	20.7
58.75°	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2
57.5°	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.7
56.25°	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.2
55°	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7
53.75°	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2
52.5°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
51.25°	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.2
50°	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.7
48.75°	25.5	25.6	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
47.5°	26.4	26.6	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.6
46.25°	27.4	27.5	27.6	27.7	27.7	27.7	27.8	27.7	27.7	27.7	27.6
45°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
43.75°	29.0	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.1
42.5°	29.5	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.6	29.6
41.25°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
40°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
38.75°	30.2	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.6	30.6	30.5
37.5°	31.2	31.3	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
36.25°	32.4	32.6	32.8	33.0	33.1	33.2	33.2	33.2	33.1	33.0	32.8
35°	33.9	34.1	34.3	34.5	34.6	34.7	34.7	34.7	34.6	34.5	34.3



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	42.0	45.0	47.5	49.5	50.9	51.8	52.1	51.8	50.9	49.5	47.5
32.5°	58.8	62.0	64.7	66.7	68.2	69.1	69.4	69.1	68.2	66.7	64.7
31.25°	78.2	82.8	86.7	89.7	91.9	93.2	93.6	93.2	91.9	89.7	86.7
30°	101.6	106.6	110.6	113.8	116.1	117.4	117.9	117.4	116.1	113.8	110.6
28.75°	125.6	131.2	135.8	139.4	142.2	143.9	144.5	143.9	142.2	139.4	135.8
27.5°	151.9	158.2	163.8	168.4	171.8	173.8	174.5	173.8	171.8	168.4	163.8
26.25°	181.5	189.3	196.6	202.3	206.4	208.8	209.7	208.8	206.4	202.3	196.6
25°	216.2	226.0	234.1	240.5	245.1	247.9	248.8	247.9	245.1	240.5	234.1
23.75°	253.7	263.8	272.1	278.7	283.8	286.9	287.9	286.9	283.8	278.7	272.1
22.5°	291.1	302.8	312.5	320.3	326.0	329.4	330.6	329.4	326.0	320.3	312.5
21.25°	331.4	344.1	354.7	363.1	369.1	372.7	373.9	372.7	369.1	363.1	354.7
20°	372.0	385.6	397.2	406.4	413.0	417.0	418.3	417.0	413.0	406.4	397.2
18.75°	413.2	427.4	439.1	448.4	454.9	458.9	460.2	458.9	454.9	448.4	439.1
17.5°	452.2	466.7	478.9	488.3	495.1	499.2	500.6	499.2	495.1	488.3	478.9
16.25°	489.3	504.3	517.0	526.7	533.7	538.0	539.4	538.0	533.7	526.7	517.0
15°	524.6	540.3	553.0	562.9	570.0	574.3	575.8	574.3	570.0	562.9	553.0
13.75°	557.8	573.5	586.1	596.1	603.2	606.4	607.6	606.4	603.2	596.1	586.1
12.5°	588.0	603.5	613.5	621.6	627.0	630.3	631.4	630.3	627.0	621.6	613.5
11.25°	612.6	625.1	635.0	642.4	646.9	649.7	650.7	649.7	646.9	642.4	635.0
10°	631.8	643.4	651.8	658.3	663.1	666.0	667.0	666.0	663.1	658.3	651.8
8.75°	647.1	657.5	666.1	672.8	677.7	680.5	681.4	680.5	677.7	672.8	666.1
7.5°	659.4	670.0	678.8	685.0	689.5	691.6	692.3	691.6	689.5	685.0	678.8
6.25°	670.0	680.6	688.8	693.8	696.6	697.6	698.0	697.6	696.6	693.8	688.8
5°	678.8	688.8	695.3	698.0	699.5	700.4	700.7	700.4	699.5	698.0	695.3
3.75°	685.0	693.8	698.0	700.1	701.2	701.7	701.7	701.7	701.2	700.1	698.0
2.5°	689.5	696.6	699.5	701.2	701.7	701.9	702.2	701.9	701.7	701.2	699.5
1.25°	691.6	697.6	700.4	701.7	701.9	702.7	702.7	702.7	701.9	701.7	700.4
0°	692.3	698.0	700.7	701.7	702.2	702.7	704.7	702.7	702.2	701.7	700.7
-1.25°	691.6	697.6	700.4	701.7	701.9	702.7	702.7	702.7	701.9	701.7	700.4
-2.5°	689.5	696.6	699.5	701.2	701.7	701.9	702.2	701.9	701.7	701.2	699.5
-3.75°	685.0	693.8	698.0	700.1	701.2	701.7	701.7	701.7	701.2	700.1	698.0
-5°	678.8	688.8	695.3	698.0	699.5	700.4	700.7	700.4	699.5	698.0	695.3
-6.25°	670.0	680.6	688.8	693.8	696.6	697.6	698.0	697.6	696.6	693.8	688.8
-7.5°	659.4	670.0	678.8	685.0	689.5	691.6	692.3	691.6	689.5	685.0	678.8
-8.75°	647.1	657.5	666.1	672.8	677.7	680.5	681.4	680.5	677.7	672.8	666.1
-10°	631.8	643.4	651.8	658.3	663.1	666.0	667.0	666.0	663.1	658.3	651.8
-11.25°	612.6	625.1	635.0	642.4	646.9	649.7	650.7	649.7	646.9	642.4	635.0
-12.5°	588.0	603.5	613.5	621.6	627.0	630.3	631.4	630.3	627.0	621.6	613.5
-13.75°	557.8	573.5	586.1	596.1	603.2	606.4	607.6	606.4	603.2	596.1	586.1
-15°	524.6	540.3	553.0	562.9	570.0	574.3	575.8	574.3	570.0	562.9	553.0
-16.25°	489.3	504.3	517.0	526.7	533.7	538.0	539.4	538.0	533.7	526.7	517.0
-17.5°	452.2	466.7	478.9	488.3	495.1	499.2	500.6	499.2	495.1	488.3	478.9
-18.75°	413.2	427.4	439.1	448.4	454.9	458.9	460.2	458.9	454.9	448.4	439.1
-20°	372.0	385.6	397.2	406.4	413.0	417.0	418.3	417.0	413.0	406.4	397.2
-21.25°	331.4	344.1	354.7	363.1	369.1	372.7	373.9	372.7	369.1	363.1	354.7



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	291.1	302.8	312.5	320.3	326.0	329.4	330.6	329.4	326.0	320.3	312.5
-23.75°	253.7	263.8	272.1	278.7	283.8	286.9	287.9	286.9	283.8	278.7	272.1
-25°	216.2	226.0	234.1	240.5	245.1	247.9	248.8	247.9	245.1	240.5	234.1
-26.25°	181.5	189.3	196.6	202.3	206.4	208.8	209.7	208.8	206.4	202.3	196.6
-27.5°	151.9	158.2	163.8	168.4	171.8	173.8	174.5	173.8	171.8	168.4	163.8
-28.75°	125.6	131.2	135.8	139.4	142.2	143.9	144.5	143.9	142.2	139.4	135.8
-30°	101.6	106.6	110.6	113.8	116.1	117.4	117.9	117.4	116.1	113.8	110.6
-31.25°	78.2	82.8	86.7	89.7	91.9	93.2	93.6	93.2	91.9	89.7	86.7
-32.5°	58.8	62.0	64.7	66.7	68.2	69.1	69.4	69.1	68.2	66.7	64.7
-33.75°	42.0	45.0	47.5	49.5	50.9	51.8	52.1	51.8	50.9	49.5	47.5
-35°	33.9	34.1	34.3	34.5	34.6	34.7	34.7	34.7	34.6	34.5	34.3
-36.25°	32.4	32.6	32.8	33.0	33.1	33.2	33.2	33.2	33.1	33.0	32.8
-37.5°	31.2	31.3	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
-38.75°	30.2	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.6	30.6	30.5
-40°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
-41.25°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
-42.5°	29.5	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.6	29.6
-43.75°	29.0	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.1
-45°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
-46.25°	27.4	27.5	27.6	27.7	27.7	27.7	27.8	27.7	27.7	27.7	27.6
-47.5°	26.4	26.6	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.6
-48.75°	25.5	25.6	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
-50°	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.7
-51.25°	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.2
-52.5°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
-53.75°	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2
-55°	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7
-56.25°	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.2
-57.5°	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.7
-58.75°	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2
-60°	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.7	20.7
-61.25°	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
-62.5°	18.6	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
-63.75°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
-65°	16.5	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
-66.25°	15.1	15.2	15.2	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.2
-67.5°	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
-68.75°	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
-70°	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
-71.25°	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
-72.5°	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
-73.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-75°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
-76.25°	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
-77.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-80°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-81.25°	5.9	5.9	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.9	5.9
-82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
81.25°	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6
80°	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5
78.75°	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
77.5°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
76.25°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3
75°	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2
73.75°	11.4	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0
72.5°	11.9	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.5
71.25°	12.4	12.3	12.3	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0
70°	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.5	12.5
68.75°	13.3	13.3	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9
67.5°	13.8	13.8	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
66.25°	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.0	13.9
65°	16.6	16.5	16.4	16.3	16.2	16.1	15.9	15.7	15.6	15.4	15.2
63.75°	17.7	17.6	17.5	17.5	17.4	17.3	17.2	17.0	16.9	16.7	16.5
62.5°	18.7	18.6	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5
61.25°	19.7	19.6	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5
60°	20.6	20.6	20.5	20.4	20.3	20.2	20.0	19.9	19.7	19.6	19.4
58.75°	21.2	21.2	21.1	21.1	21.0	21.0	20.9	20.8	20.7	20.5	20.3
57.5°	21.7	21.7	21.6	21.6	21.5	21.5	21.4	21.3	21.2	21.1	21.0
56.25°	22.2	22.2	22.1	22.1	22.0	21.9	21.9	21.8	21.7	21.6	21.5
55°	22.7	22.7	22.6	22.6	22.5	22.4	22.3	22.3	22.2	22.1	22.0
53.75°	23.2	23.2	23.1	23.0	23.0	22.9	22.8	22.7	22.6	22.5	22.4
52.5°	23.7	23.6	23.6	23.5	23.5	23.4	23.3	23.2	23.1	23.0	22.9
51.25°	24.2	24.1	24.1	24.0	23.9	23.9	23.8	23.7	23.6	23.5	23.3
50°	24.7	24.6	24.6	24.5	24.4	24.3	24.3	24.2	24.0	23.9	23.8
48.75°	25.6	25.5	25.3	25.2	25.0	24.9	24.7	24.6	24.5	24.4	24.3
47.5°	26.6	26.4	26.3	26.2	26.0	25.8	25.6	25.4	25.1	24.9	24.7
46.25°	27.5	27.4	27.3	27.1	27.0	26.8	26.6	26.3	26.1	25.8	25.5
45°	28.4	28.3	28.2	28.0	27.9	27.7	27.5	27.2	27.0	26.7	26.4
43.75°	29.1	29.0	28.9	28.8	28.7	28.6	28.4	28.1	27.9	27.6	27.3
42.5°	29.6	29.5	29.4	29.3	29.2	29.1	29.0	28.9	28.7	28.5	28.2
41.25°	29.7	29.7	29.7	29.7	29.7	29.6	29.5	29.3	29.2	29.0	28.9
40°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.6	29.5	29.3
38.75°	30.4	30.2	30.0	29.8	29.7	29.7	29.7	29.7	29.7	29.7	29.7
37.5°	31.3	31.2	31.0	30.8	30.6	30.3	30.0	29.7	29.7	29.7	29.7
36.25°	32.6	32.4	32.1	31.8	31.5	31.2	31.0	30.6	30.3	29.9	29.7
35°	34.1	33.9	33.6	33.2	32.8	32.4	32.0	31.5	31.2	30.8	30.4



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	45.0	42.0	38.4	34.7	34.3	33.8	33.3	32.8	32.3	31.7	31.3
32.5°	62.0	58.8	55.1	50.8	46.0	40.6	34.8	34.2	33.6	33.0	32.3
31.25°	82.8	78.2	72.7	67.2	62.2	56.6	50.5	44.0	36.9	34.2	33.6
30°	106.6	101.6	95.9	89.3	81.9	73.8	66.2	59.3	52.0	44.2	36.0
28.75°	131.2	125.6	119.1	112.1	104.4	95.9	86.6	76.6	66.9	58.8	50.2
27.5°	158.2	151.9	144.4	136.1	127.4	117.8	108.1	97.7	86.5	74.7	64.3
26.25°	189.3	181.5	172.6	162.5	152.5	141.5	130.3	118.6	106.9	94.6	81.7
25°	226.0	216.2	205.4	193.1	180.5	167.5	154.4	141.0	127.7	114.2	100.8
23.75°	263.8	253.7	241.7	228.0	212.9	197.2	181.1	165.3	150.0	134.7	119.6
22.5°	302.8	291.1	277.7	263.7	248.0	230.4	211.7	192.6	174.3	156.5	139.4
21.25°	344.1	331.4	316.5	300.2	282.1	264.0	244.5	223.2	201.6	180.4	160.5
20°	385.6	372.0	356.3	338.6	319.0	298.1	276.1	254.5	231.1	207.1	183.5
18.75°	427.4	413.2	396.0	376.9	356.2	333.7	309.7	284.8	260.5	235.1	208.9
17.5°	466.7	452.2	435.0	415.5	393.0	369.0	343.7	316.8	289.4	262.5	235.1
16.25°	504.3	489.3	471.6	451.7	429.2	404.1	376.8	348.7	319.3	289.4	260.5
15°	540.3	524.6	506.4	485.8	462.7	437.4	409.7	379.5	348.7	316.8	284.8
13.75°	573.5	557.8	539.3	518.1	494.3	468.3	440.2	409.7	376.8	343.7	309.7
12.5°	603.5	588.0	569.5	548.3	523.9	497.2	468.3	437.4	404.1	369.0	333.7
11.25°	625.1	612.6	596.8	575.5	551.2	523.9	494.3	462.7	429.2	393.0	356.2
10°	643.4	631.8	617.3	599.8	575.5	548.3	518.1	485.8	451.7	415.5	376.9
8.75°	657.5	647.1	634.0	617.3	596.8	569.5	539.3	506.4	471.6	435.0	396.0
7.5°	670.0	659.4	647.1	631.8	612.6	588.0	557.8	524.6	489.3	452.2	413.2
6.25°	680.6	670.0	657.5	643.4	625.1	603.5	573.5	540.3	504.3	466.7	427.4
5°	688.8	678.8	666.1	651.8	635.0	613.5	586.1	553.0	517.0	478.9	439.1
3.75°	693.8	685.0	672.8	658.3	642.4	621.6	596.1	562.9	526.7	488.3	448.4
2.5°	696.6	689.5	677.7	663.1	646.9	627.0	603.2	570.0	533.7	495.1	454.9
1.25°	697.6	691.6	680.5	666.0	649.7	630.3	606.4	574.3	538.0	499.2	458.9
0°	698.0	692.3	681.4	667.0	650.7	631.4	607.6	575.8	539.4	500.6	460.2
-1.25°	697.6	691.6	680.5	666.0	649.7	630.3	606.4	574.3	538.0	499.2	458.9
-2.5°	696.6	689.5	677.7	663.1	646.9	627.0	603.2	570.0	533.7	495.1	454.9
-3.75°	693.8	685.0	672.8	658.3	642.4	621.6	596.1	562.9	526.7	488.3	448.4
-5°	688.8	678.8	666.1	651.8	635.0	613.5	586.1	553.0	517.0	478.9	439.1
-6.25°	680.6	670.0	657.5	643.4	625.1	603.5	573.5	540.3	504.3	466.7	427.4
-7.5°	670.0	659.4	647.1	631.8	612.6	588.0	557.8	524.6	489.3	452.2	413.2
-8.75°	657.5	647.1	634.0	617.3	596.8	569.5	539.3	506.4	471.6	435.0	396.0
-10°	643.4	631.8	617.3	599.8	575.5	548.3	518.1	485.8	451.7	415.5	376.9
-11.25°	625.1	612.6	596.8	575.5	551.2	523.9	494.3	462.7	429.2	393.0	356.2
-12.5°	603.5	588.0	569.5	548.3	523.9	497.2	468.3	437.4	404.1	369.0	333.7
-13.75°	573.5	557.8	539.3	518.1	494.3	468.3	440.2	409.7	376.8	343.7	309.7
-15°	540.3	524.6	506.4	485.8	462.7	437.4	409.7	379.5	348.7	316.8	284.8
-16.25°	504.3	489.3	471.6	451.7	429.2	404.1	376.8	348.7	319.3	289.4	260.5
-17.5°	466.7	452.2	435.0	415.5	393.0	369.0	343.7	316.8	289.4	262.5	235.1
-18.75°	427.4	413.2	396.0	376.9	356.2	333.7	309.7	284.8	260.5	235.1	208.9
-20°	385.6	372.0	356.3	338.6	319.0	298.1	276.1	254.5	231.1	207.1	183.5
-21.25°	344.1	331.4	316.5	300.2	282.1	264.0	244.5	223.2	201.6	180.4	160.5



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	302.8	291.1	277.7	263.7	248.0	230.4	211.7	192.6	174.3	156.5	139.4
-23.75°	263.8	253.7	241.7	228.0	212.9	197.2	181.1	165.3	150.0	134.7	119.6
-25°	226.0	216.2	205.4	193.1	180.5	167.5	154.4	141.0	127.7	114.2	100.8
-26.25°	189.3	181.5	172.6	162.5	152.5	141.5	130.3	118.6	106.9	94.6	81.7
-27.5°	158.2	151.9	144.4	136.1	127.4	117.8	108.1	97.7	86.5	74.7	64.3
-28.75°	131.2	125.6	119.1	112.1	104.4	95.9	86.6	76.6	66.9	58.8	50.2
-30°	106.6	101.6	95.9	89.3	81.9	73.8	66.2	59.3	52.0	44.2	36.0
-31.25°	82.8	78.2	72.7	67.2	62.2	56.6	50.5	44.0	36.9	34.2	33.6
-32.5°	62.0	58.8	55.1	50.8	46.0	40.6	34.8	34.2	33.6	33.0	32.3
-33.75°	45.0	42.0	38.4	34.7	34.3	33.8	33.3	32.8	32.3	31.7	31.3
-35°	34.1	33.9	33.6	33.2	32.8	32.4	32.0	31.5	31.2	30.8	30.4
-36.25°	32.6	32.4	32.1	31.8	31.5	31.2	31.0	30.6	30.3	29.9	29.7
-37.5°	31.3	31.2	31.0	30.8	30.6	30.3	30.0	29.7	29.7	29.7	29.7
-38.75°	30.4	30.2	30.0	29.8	29.7	29.7	29.7	29.7	29.7	29.7	29.7
-40°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.6	29.5	29.3
-41.25°	29.7	29.7	29.7	29.7	29.7	29.6	29.5	29.3	29.2	29.0	28.9
-42.5°	29.6	29.5	29.4	29.3	29.2	29.1	29.0	28.9	28.7	28.5	28.2
-43.75°	29.1	29.0	28.9	28.8	28.7	28.6	28.4	28.1	27.9	27.6	27.3
-45°	28.4	28.3	28.2	28.0	27.9	27.7	27.5	27.2	27.0	26.7	26.4
-46.25°	27.5	27.4	27.3	27.1	27.0	26.8	26.6	26.3	26.1	25.8	25.5
-47.5°	26.6	26.4	26.3	26.2	26.0	25.8	25.6	25.4	25.1	24.9	24.7
-48.75°	25.6	25.5	25.3	25.2	25.0	24.9	24.7	24.6	24.5	24.4	24.3
-50°	24.7	24.6	24.6	24.5	24.4	24.3	24.3	24.2	24.0	23.9	23.8
-51.25°	24.2	24.1	24.1	24.0	23.9	23.9	23.8	23.7	23.6	23.5	23.3
-52.5°	23.7	23.6	23.6	23.5	23.5	23.4	23.3	23.2	23.1	23.0	22.9
-53.75°	23.2	23.2	23.1	23.0	23.0	22.9	22.8	22.7	22.6	22.5	22.4
-55°	22.7	22.7	22.6	22.6	22.5	22.4	22.3	22.3	22.2	22.1	22.0
-56.25°	22.2	22.2	22.1	22.1	22.0	21.9	21.9	21.8	21.7	21.6	21.5
-57.5°	21.7	21.7	21.6	21.6	21.5	21.5	21.4	21.3	21.2	21.1	21.0
-58.75°	21.2	21.2	21.1	21.1	21.0	21.0	20.9	20.8	20.7	20.5	20.3
-60°	20.6	20.6	20.5	20.4	20.3	20.2	20.0	19.9	19.7	19.6	19.4
-61.25°	19.7	19.6	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5
-62.5°	18.7	18.6	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5
-63.75°	17.7	17.6	17.5	17.5	17.4	17.3	17.2	17.0	16.9	16.7	16.5
-65°	16.6	16.5	16.4	16.3	16.2	16.1	15.9	15.7	15.6	15.4	15.2
-66.25°	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.0	13.9
-67.5°	13.8	13.8	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4
-68.75°	13.3	13.3	13.3	13.3	13.2	13.2	13.1	13.1	13.0	13.0	12.9
-70°	12.9	12.8	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.5	12.5
-71.25°	12.4	12.3	12.3	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0
-72.5°	11.9	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.5
-73.75°	11.4	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0
-75°	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2
-76.25°	9.8	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3
-77.5°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
-80°	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5
-81.25°	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6
-82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
81.25°	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9
80°	6.4	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7
78.75°	7.4	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5
77.5°	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.5	7.4	7.3
76.25°	9.2	9.1	9.0	9.0	8.9	8.7	8.6	8.5	8.4	8.3	8.2
75°	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3	9.1	9.0
73.75°	11.0	10.9	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8
72.5°	11.5	11.4	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7
71.25°	11.9	11.9	11.8	11.7	11.7	11.6	11.5	11.4	11.4	11.3	11.2
70°	12.4	12.3	12.3	12.2	12.1	12.0	12.0	11.9	11.8	11.7	11.6
68.75°	12.9	12.8	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.1	12.0
67.5°	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4
66.25°	13.8	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.8
65°	14.9	14.7	14.5	14.2	13.9	13.8	13.7	13.6	13.5	13.4	13.3
63.75°	16.3	16.0	15.8	15.5	15.2	14.9	14.6	14.3	13.9	13.8	13.7
62.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.8	15.5	15.1	14.8	14.4
61.25°	18.3	18.1	17.9	17.7	17.5	17.2	17.0	16.7	16.4	16.0	15.6
60°	19.2	19.0	18.8	18.6	18.4	18.1	17.9	17.6	17.3	17.0	16.7
58.75°	20.1	19.9	19.7	19.5	19.2	19.0	18.7	18.4	18.2	17.9	17.6
57.5°	20.9	20.8	20.6	20.4	20.1	19.8	19.6	19.3	19.0	18.7	18.4
56.25°	21.4	21.3	21.2	21.0	20.9	20.7	20.4	20.1	19.8	19.5	19.2
55°	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.9	20.6	20.3	19.9
53.75°	22.3	22.2	22.0	21.9	21.8	21.6	21.5	21.3	21.1	20.9	20.7
52.5°	22.8	22.6	22.5	22.3	22.2	22.0	21.9	21.7	21.5	21.3	21.2
51.25°	23.2	23.1	22.9	22.8	22.6	22.5	22.3	22.1	21.9	21.7	21.5
50°	23.7	23.5	23.4	23.2	23.1	22.9	22.7	22.5	22.3	22.1	21.9
48.75°	24.1	24.0	23.8	23.6	23.5	23.3	23.1	22.9	22.7	22.5	22.3
47.5°	24.6	24.4	24.2	24.1	23.9	23.7	23.5	23.3	23.1	22.9	22.7
46.25°	25.2	24.9	24.7	24.5	24.3	24.1	23.9	23.7	23.5	23.3	23.1
45°	26.1	25.8	25.4	25.1	24.7	24.5	24.3	24.1	23.9	23.7	23.4
43.75°	27.0	26.7	26.3	25.9	25.5	25.1	24.7	24.5	24.3	24.1	23.8
42.5°	27.8	27.5	27.1	26.8	26.3	25.9	25.5	25.0	24.7	24.4	24.2
41.25°	28.7	28.3	27.9	27.5	27.1	26.7	26.3	25.8	25.3	24.8	24.5
40°	29.1	28.9	28.7	28.3	27.9	27.5	27.0	26.6	26.0	25.5	25.0
38.75°	29.6	29.3	29.1	28.9	28.7	28.2	27.8	27.3	26.8	26.3	25.7
37.5°	29.7	29.7	29.6	29.3	29.1	28.8	28.5	28.0	27.5	27.0	26.4
36.25°	29.7	29.7	29.7	29.7	29.5	29.2	29.0	28.7	28.2	27.6	27.1
35°	30.0	29.7	29.7	29.7	29.7	29.6	29.3	29.1	28.8	28.3	27.7



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	30.8	30.3	29.9	29.7	29.7	29.7	29.7	29.4	29.1	28.8	28.3
32.5°	31.6	31.2	30.6	30.1	29.7	29.7	29.7	29.7	29.5	29.2	28.8
31.25°	32.8	32.1	31.4	30.9	30.3	29.8	29.7	29.7	29.7	29.5	29.2
30°	34.1	33.3	32.5	31.6	31.1	30.5	29.9	29.7	29.7	29.7	29.5
28.75°	41.3	34.5	33.6	32.7	31.8	31.2	30.5	29.9	29.7	29.7	29.7
27.5°	55.0	45.3	35.2	33.8	32.9	31.9	31.2	30.5	29.9	29.7	29.7
26.25°	68.5	58.4	48.0	37.2	33.9	33.0	31.9	31.2	30.5	29.8	29.7
25°	86.7	72.1	60.5	49.3	37.8	33.9	32.9	31.8	31.1	30.3	29.7
23.75°	104.9	89.7	74.1	61.2	49.3	37.2	33.8	32.7	31.6	30.9	30.1
22.5°	123.0	107.0	90.7	74.1	60.5	48.0	35.2	33.6	32.5	31.4	30.6
21.25°	142.0	124.2	107.0	89.7	72.1	58.4	45.3	34.5	33.3	32.1	31.2
20°	161.8	142.0	123.0	104.9	86.7	68.5	55.0	41.3	34.1	32.8	31.6
18.75°	183.5	160.5	139.4	119.6	100.8	81.7	64.3	50.2	36.0	33.6	32.3
17.5°	207.1	180.4	156.5	134.7	114.2	94.6	74.7	58.8	44.2	34.2	33.0
16.25°	231.1	201.6	174.3	150.0	127.7	106.9	86.5	66.9	52.0	36.9	33.6
15°	254.5	223.2	192.6	165.3	141.0	118.6	97.7	76.6	59.3	44.0	34.2
13.75°	276.1	244.5	211.7	181.1	154.4	130.3	108.1	86.6	66.2	50.5	34.8
12.5°	298.1	264.0	230.4	197.2	167.5	141.5	117.8	95.9	73.8	56.6	40.6
11.25°	319.0	282.1	248.0	212.9	180.5	152.5	127.4	104.4	81.9	62.2	46.0
10°	338.6	300.2	263.7	228.0	193.1	162.5	136.1	112.1	89.3	67.2	50.8
8.75°	356.3	316.5	277.7	241.7	205.4	172.6	144.4	119.1	95.9	72.7	55.1
7.5°	372.0	331.4	291.1	253.7	216.2	181.5	151.9	125.6	101.6	78.2	58.8
6.25°	385.6	344.1	302.8	263.8	226.0	189.3	158.2	131.2	106.6	82.8	62.0
5°	397.2	354.7	312.5	272.1	234.1	196.6	163.8	135.8	110.6	86.7	64.7
3.75°	406.4	363.1	320.3	278.7	240.5	202.3	168.4	139.4	113.8	89.7	66.7
2.5°	413.0	369.1	326.0	283.8	245.1	206.4	171.8	142.2	116.1	91.9	68.2
1.25°	417.0	372.7	329.4	286.9	247.9	208.8	173.8	143.9	117.4	93.2	69.1
0°	418.3	373.9	330.6	287.9	248.8	209.7	174.5	144.5	117.9	93.6	69.4
-1.25°	417.0	372.7	329.4	286.9	247.9	208.8	173.8	143.9	117.4	93.2	69.1
-2.5°	413.0	369.1	326.0	283.8	245.1	206.4	171.8	142.2	116.1	91.9	68.2
-3.75°	406.4	363.1	320.3	278.7	240.5	202.3	168.4	139.4	113.8	89.7	66.7
-5°	397.2	354.7	312.5	272.1	234.1	196.6	163.8	135.8	110.6	86.7	64.7
-6.25°	385.6	344.1	302.8	263.8	226.0	189.3	158.2	131.2	106.6	82.8	62.0
-7.5°	372.0	331.4	291.1	253.7	216.2	181.5	151.9	125.6	101.6	78.2	58.8
-8.75°	356.3	316.5	277.7	241.7	205.4	172.6	144.4	119.1	95.9	72.7	55.1
-10°	338.6	300.2	263.7	228.0	193.1	162.5	136.1	112.1	89.3	67.2	50.8
-11.25°	319.0	282.1	248.0	212.9	180.5	152.5	127.4	104.4	81.9	62.2	46.0
-12.5°	298.1	264.0	230.4	197.2	167.5	141.5	117.8	95.9	73.8	56.6	40.6
-13.75°	276.1	244.5	211.7	181.1	154.4	130.3	108.1	86.6	66.2	50.5	34.8
-15°	254.5	223.2	192.6	165.3	141.0	118.6	97.7	76.6	59.3	44.0	34.2
-16.25°	231.1	201.6	174.3	150.0	127.7	106.9	86.5	66.9	52.0	36.9	33.6
-17.5°	207.1	180.4	156.5	134.7	114.2	94.6	74.7	58.8	44.2	34.2	33.0
-18.75°	183.5	160.5	139.4	119.6	100.8	81.7	64.3	50.2	36.0	33.6	32.3
-20°	161.8	142.0	123.0	104.9	86.7	68.5	55.0	41.3	34.1	32.8	31.6
-21.25°	142.0	124.2	107.0	89.7	72.1	58.4	45.3	34.5	33.3	32.1	31.2



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	123.0	107.0	90.7	74.1	60.5	48.0	35.2	33.6	32.5	31.4	30.6
-23.75°	104.9	89.7	74.1	61.2	49.3	37.2	33.8	32.7	31.6	30.9	30.1
-25°	86.7	72.1	60.5	49.3	37.8	33.9	32.9	31.8	31.1	30.3	29.7
-26.25°	68.5	58.4	48.0	37.2	33.9	33.0	31.9	31.2	30.5	29.8	29.7
-27.5°	55.0	45.3	35.2	33.8	32.9	31.9	31.2	30.5	29.9	29.7	29.7
-28.75°	41.3	34.5	33.6	32.7	31.8	31.2	30.5	29.9	29.7	29.7	29.7
-30°	34.1	33.3	32.5	31.6	31.1	30.5	29.9	29.7	29.7	29.7	29.5
-31.25°	32.8	32.1	31.4	30.9	30.3	29.8	29.7	29.7	29.7	29.5	29.2
-32.5°	31.6	31.2	30.6	30.1	29.7	29.7	29.7	29.7	29.5	29.2	28.8
-33.75°	30.8	30.3	29.9	29.7	29.7	29.7	29.7	29.4	29.1	28.8	28.3
-35°	30.0	29.7	29.7	29.7	29.7	29.6	29.3	29.1	28.8	28.3	27.7
-36.25°	29.7	29.7	29.7	29.7	29.5	29.2	29.0	28.7	28.2	27.6	27.1
-37.5°	29.7	29.7	29.6	29.3	29.1	28.8	28.5	28.0	27.5	27.0	26.4
-38.75°	29.6	29.3	29.1	28.9	28.7	28.2	27.8	27.3	26.8	26.3	25.7
-40°	29.1	28.9	28.7	28.3	27.9	27.5	27.0	26.6	26.0	25.5	25.0
-41.25°	28.7	28.3	27.9	27.5	27.1	26.7	26.3	25.8	25.3	24.8	24.5
-42.5°	27.8	27.5	27.1	26.8	26.3	25.9	25.5	25.0	24.7	24.4	24.2
-43.75°	27.0	26.7	26.3	25.9	25.5	25.1	24.7	24.5	24.3	24.1	23.8
-45°	26.1	25.8	25.4	25.1	24.7	24.5	24.3	24.1	23.9	23.7	23.4
-46.25°	25.2	24.9	24.7	24.5	24.3	24.1	23.9	23.7	23.5	23.3	23.1
-47.5°	24.6	24.4	24.2	24.1	23.9	23.7	23.5	23.3	23.1	22.9	22.7
-48.75°	24.1	24.0	23.8	23.6	23.5	23.3	23.1	22.9	22.7	22.5	22.3
-50°	23.7	23.5	23.4	23.2	23.1	22.9	22.7	22.5	22.3	22.1	21.9
-51.25°	23.2	23.1	22.9	22.8	22.6	22.5	22.3	22.1	21.9	21.7	21.5
-52.5°	22.8	22.6	22.5	22.3	22.2	22.0	21.9	21.7	21.5	21.3	21.2
-53.75°	22.3	22.2	22.0	21.9	21.8	21.6	21.5	21.3	21.1	20.9	20.7
-55°	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.9	20.6	20.3	19.9
-56.25°	21.4	21.3	21.2	21.0	20.9	20.7	20.4	20.1	19.8	19.5	19.2
-57.5°	20.9	20.8	20.6	20.4	20.1	19.8	19.6	19.3	19.0	18.7	18.4
-58.75°	20.1	19.9	19.7	19.5	19.2	19.0	18.7	18.4	18.2	17.9	17.6
-60°	19.2	19.0	18.8	18.6	18.4	18.1	17.9	17.6	17.3	17.0	16.7
-61.25°	18.3	18.1	17.9	17.7	17.5	17.2	17.0	16.7	16.4	16.0	15.6
-62.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.8	15.5	15.1	14.8	14.4
-63.75°	16.3	16.0	15.8	15.5	15.2	14.9	14.6	14.3	13.9	13.8	13.7
-65°	14.9	14.7	14.5	14.2	13.9	13.8	13.7	13.6	13.5	13.4	13.3
-66.25°	13.8	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.8
-67.5°	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4
-68.75°	12.9	12.8	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.1	12.0
-70°	12.4	12.3	12.3	12.2	12.1	12.0	12.0	11.9	11.8	11.7	11.6
-71.25°	11.9	11.9	11.8	11.7	11.7	11.6	11.5	11.4	11.4	11.3	11.2
-72.5°	11.5	11.4	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7
-73.75°	11.0	10.9	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8
-75°	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3	9.1	9.0
-76.25°	9.2	9.1	9.0	9.0	8.9	8.7	8.6	8.5	8.4	8.3	8.2
-77.5°	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.5	7.4	7.3



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	7.4	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5
-80°	6.4	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7
-81.25°	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9
-82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
-85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
-86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
80°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5
78.75°	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.3	5.2
77.5°	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8
76.25°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7	6.5
75°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1
73.75°	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8
72.5°	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.1	8.9	8.7	8.5
71.25°	11.1	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.6	9.4	9.2
70°	11.5	11.4	11.3	11.2	11.1	11.0	10.8	10.6	10.3	10.1	9.8
68.75°	11.9	11.8	11.7	11.6	11.5	11.3	11.2	11.1	11.0	10.8	10.5
67.5°	12.3	12.2	12.1	12.0	11.8	11.7	11.6	11.5	11.3	11.2	11.0
66.25°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.4
65°	13.1	13.0	12.9	12.7	12.6	12.5	12.3	12.2	12.0	11.9	11.7
63.75°	13.5	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.0
62.5°	14.0	13.8	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.5	12.3
61.25°	15.1	14.7	14.3	13.9	13.7	13.5	13.4	13.2	13.0	12.9	12.7
60°	16.3	15.8	15.4	14.9	14.4	13.9	13.7	13.6	13.4	13.2	13.0
58.75°	17.2	16.9	16.5	16.0	15.5	15.0	14.4	13.9	13.7	13.5	13.3
57.5°	18.0	17.7	17.3	17.0	16.5	16.0	15.4	14.9	14.3	13.8	13.6
56.25°	18.8	18.5	18.1	17.7	17.3	17.0	16.4	15.8	15.2	14.6	14.0
55°	19.6	19.2	18.8	18.5	18.1	17.7	17.2	16.8	16.2	15.6	14.9
53.75°	20.4	20.0	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.5	15.8
52.5°	21.0	20.7	20.3	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7
51.25°	21.3	21.1	20.9	20.6	20.2	19.7	19.3	18.8	18.3	17.8	17.3
50°	21.7	21.5	21.3	21.1	20.8	20.4	19.9	19.4	18.9	18.4	17.9
48.75°	22.1	21.9	21.6	21.4	21.2	20.9	20.6	20.1	19.6	19.0	18.5
47.5°	22.5	22.2	22.0	21.8	21.5	21.3	21.0	20.7	20.2	19.6	19.1
46.25°	22.8	22.6	22.4	22.1	21.9	21.6	21.3	21.1	20.8	20.2	19.7
45°	23.2	23.0	22.7	22.4	22.2	21.9	21.6	21.4	21.1	20.8	20.2
43.75°	23.6	23.3	23.1	22.8	22.5	22.2	22.0	21.7	21.4	21.1	20.8
42.5°	23.9	23.7	23.4	23.1	22.8	22.6	22.3	22.0	21.7	21.4	21.1
41.25°	24.3	24.0	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.6	21.3
40°	24.6	24.3	24.1	23.8	23.5	23.2	22.9	22.6	22.2	21.9	21.6
38.75°	25.1	24.7	24.4	24.1	23.8	23.5	23.2	22.8	22.5	22.2	21.9
37.5°	25.8	25.2	24.7	24.4	24.1	23.8	23.4	23.1	22.8	22.4	22.1
36.25°	26.5	25.9	25.3	24.7	24.4	24.1	23.7	23.4	23.1	22.7	22.4
35°	27.1	26.5	25.9	25.2	24.7	24.3	24.0	23.7	23.3	23.0	22.6



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	27.7	27.1	26.5	25.8	25.1	24.6	24.3	23.9	23.6	23.2	22.8
32.5°	28.3	27.7	27.1	26.4	25.7	25.0	24.5	24.2	23.8	23.4	23.1
31.25°	28.8	28.3	27.6	27.0	26.3	25.5	24.8	24.4	24.1	23.7	23.3
30°	29.1	28.8	28.2	27.5	26.8	26.0	25.3	24.7	24.3	23.9	23.5
28.75°	29.4	29.1	28.7	28.0	27.3	26.6	25.8	25.0	24.5	24.1	23.7
27.5°	29.7	29.3	29.0	28.5	27.8	27.0	26.3	25.5	24.7	24.3	23.9
26.25°	29.7	29.6	29.2	28.8	28.2	27.5	26.7	25.9	25.1	24.5	24.1
25°	29.7	29.7	29.5	29.1	28.7	27.9	27.1	26.3	25.5	24.7	24.3
23.75°	29.7	29.7	29.7	29.3	28.9	28.3	27.5	26.8	25.9	25.1	24.5
22.5°	29.9	29.7	29.7	29.6	29.1	28.7	27.9	27.1	26.3	25.4	24.7
21.25°	30.3	29.7	29.7	29.7	29.3	28.9	28.3	27.5	26.7	25.8	24.9
20°	30.8	30.0	29.7	29.7	29.6	29.1	28.7	27.8	27.0	26.1	25.2
18.75°	31.3	30.4	29.7	29.7	29.7	29.3	28.9	28.2	27.3	26.4	25.5
17.5°	31.7	30.8	29.9	29.7	29.7	29.5	29.0	28.5	27.6	26.7	25.8
16.25°	32.3	31.2	30.3	29.7	29.7	29.6	29.2	28.7	27.9	27.0	26.1
15°	32.8	31.5	30.6	29.7	29.7	29.7	29.3	28.9	28.1	27.2	26.3
13.75°	33.3	32.0	31.0	30.0	29.7	29.7	29.5	29.0	28.4	27.5	26.6
12.5°	33.8	32.4	31.2	30.3	29.7	29.7	29.6	29.1	28.6	27.7	26.8
11.25°	34.3	32.8	31.5	30.6	29.7	29.7	29.7	29.2	28.7	27.9	27.0
10°	34.7	33.2	31.8	30.8	29.8	29.7	29.7	29.3	28.8	28.0	27.1
8.75°	38.4	33.6	32.1	31.0	30.0	29.7	29.7	29.4	28.9	28.2	27.3
7.5°	42.0	33.9	32.4	31.2	30.2	29.7	29.7	29.5	29.0	28.3	27.4
6.25°	45.0	34.1	32.6	31.3	30.4	29.7	29.7	29.6	29.1	28.4	27.5
5°	47.5	34.3	32.8	31.5	30.5	29.7	29.7	29.6	29.1	28.5	27.6
3.75°	49.5	34.5	33.0	31.6	30.6	29.7	29.7	29.6	29.1	28.6	27.7
2.5°	50.9	34.6	33.1	31.6	30.6	29.7	29.7	29.7	29.2	28.7	27.7
1.25°	51.8	34.7	33.2	31.7	30.7	29.7	29.7	29.7	29.2	28.7	27.7
0°	52.1	34.7	33.2	31.7	30.7	29.7	29.7	29.7	29.2	28.7	27.8
-1.25°	51.8	34.7	33.2	31.7	30.7	29.7	29.7	29.7	29.2	28.7	27.7
-2.5°	50.9	34.6	33.1	31.6	30.6	29.7	29.7	29.7	29.2	28.7	27.7
-3.75°	49.5	34.5	33.0	31.6	30.6	29.7	29.7	29.6	29.1	28.6	27.7
-5°	47.5	34.3	32.8	31.5	30.5	29.7	29.7	29.6	29.1	28.5	27.6
-6.25°	45.0	34.1	32.6	31.3	30.4	29.7	29.7	29.6	29.1	28.4	27.5
-7.5°	42.0	33.9	32.4	31.2	30.2	29.7	29.7	29.5	29.0	28.3	27.4
-8.75°	38.4	33.6	32.1	31.0	30.0	29.7	29.7	29.4	28.9	28.2	27.3
-10°	34.7	33.2	31.8	30.8	29.8	29.7	29.7	29.3	28.8	28.0	27.1
-11.25°	34.3	32.8	31.5	30.6	29.7	29.7	29.7	29.2	28.7	27.9	27.0
-12.5°	33.8	32.4	31.2	30.3	29.7	29.7	29.6	29.1	28.6	27.7	26.8
-13.75°	33.3	32.0	31.0	30.0	29.7	29.7	29.5	29.0	28.4	27.5	26.6
-15°	32.8	31.5	30.6	29.7	29.7	29.7	29.3	28.9	28.1	27.2	26.3
-16.25°	32.3	31.2	30.3	29.7	29.7	29.6	29.2	28.7	27.9	27.0	26.1
-17.5°	31.7	30.8	29.9	29.7	29.7	29.5	29.0	28.5	27.6	26.7	25.8
-18.75°	31.3	30.4	29.7	29.7	29.7	29.3	28.9	28.2	27.3	26.4	25.5
-20°	30.8	30.0	29.7	29.7	29.6	29.1	28.7	27.8	27.0	26.1	25.2
-21.25°	30.3	29.7	29.7	29.7	29.3	28.9	28.3	27.5	26.7	25.8	24.9



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	29.9	29.7	29.7	29.6	29.1	28.7	27.9	27.1	26.3	25.4	24.7
-23.75°	29.7	29.7	29.7	29.3	28.9	28.3	27.5	26.8	25.9	25.1	24.5
-25°	29.7	29.7	29.5	29.1	28.7	27.9	27.1	26.3	25.5	24.7	24.3
-26.25°	29.7	29.6	29.2	28.8	28.2	27.5	26.7	25.9	25.1	24.5	24.1
-27.5°	29.7	29.3	29.0	28.5	27.8	27.0	26.3	25.5	24.7	24.3	23.9
-28.75°	29.4	29.1	28.7	28.0	27.3	26.6	25.8	25.0	24.5	24.1	23.7
-30°	29.1	28.8	28.2	27.5	26.8	26.0	25.3	24.7	24.3	23.9	23.5
-31.25°	28.8	28.3	27.6	27.0	26.3	25.5	24.8	24.4	24.1	23.7	23.3
-32.5°	28.3	27.7	27.1	26.4	25.7	25.0	24.5	24.2	23.8	23.4	23.1
-33.75°	27.7	27.1	26.5	25.8	25.1	24.6	24.3	23.9	23.6	23.2	22.8
-35°	27.1	26.5	25.9	25.2	24.7	24.3	24.0	23.7	23.3	23.0	22.6
-36.25°	26.5	25.9	25.3	24.7	24.4	24.1	23.7	23.4	23.1	22.7	22.4
-37.5°	25.8	25.2	24.7	24.4	24.1	23.8	23.4	23.1	22.8	22.4	22.1
-38.75°	25.1	24.7	24.4	24.1	23.8	23.5	23.2	22.8	22.5	22.2	21.9
-40°	24.6	24.3	24.1	23.8	23.5	23.2	22.9	22.6	22.2	21.9	21.6
-41.25°	24.3	24.0	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.6	21.3
-42.5°	23.9	23.7	23.4	23.1	22.8	22.6	22.3	22.0	21.7	21.4	21.1
-43.75°	23.6	23.3	23.1	22.8	22.5	22.2	22.0	21.7	21.4	21.1	20.8
-45°	23.2	23.0	22.7	22.4	22.2	21.9	21.6	21.4	21.1	20.8	20.2
-46.25°	22.8	22.6	22.4	22.1	21.9	21.6	21.3	21.1	20.8	20.2	19.7
-47.5°	22.5	22.2	22.0	21.8	21.5	21.3	21.0	20.7	20.2	19.6	19.1
-48.75°	22.1	21.9	21.6	21.4	21.2	20.9	20.6	20.1	19.6	19.0	18.5
-50°	21.7	21.5	21.3	21.1	20.8	20.4	19.9	19.4	18.9	18.4	17.9
-51.25°	21.3	21.1	20.9	20.6	20.2	19.7	19.3	18.8	18.3	17.8	17.3
-52.5°	21.0	20.7	20.3	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7
-53.75°	20.4	20.0	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.5	15.8
-55°	19.6	19.2	18.8	18.5	18.1	17.7	17.2	16.8	16.2	15.6	14.9
-56.25°	18.8	18.5	18.1	17.7	17.3	17.0	16.4	15.8	15.2	14.6	14.0
-57.5°	18.0	17.7	17.3	17.0	16.5	16.0	15.4	14.9	14.3	13.8	13.6
-58.75°	17.2	16.9	16.5	16.0	15.5	15.0	14.4	13.9	13.7	13.5	13.3
-60°	16.3	15.8	15.4	14.9	14.4	13.9	13.7	13.6	13.4	13.2	13.0
-61.25°	15.1	14.7	14.3	13.9	13.7	13.5	13.4	13.2	13.0	12.9	12.7
-62.5°	14.0	13.8	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.5	12.3
-63.75°	13.5	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.0
-65°	13.1	13.0	12.9	12.7	12.6	12.5	12.3	12.2	12.0	11.9	11.7
-66.25°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.4
-67.5°	12.3	12.2	12.1	12.0	11.8	11.7	11.6	11.5	11.3	11.2	11.0
-68.75°	11.9	11.8	11.7	11.6	11.5	11.3	11.2	11.1	11.0	10.8	10.5
-70°	11.5	11.4	11.3	11.2	11.1	11.0	10.8	10.6	10.3	10.1	9.8
-71.25°	11.1	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.6	9.4	9.2
-72.5°	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.1	8.9	8.7	8.5
-73.75°	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8
-75°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1
-76.25°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7	6.5
-77.5°	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.3	5.2
-80°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5
-81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
-82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
-85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
-86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
78.75°	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
77.5°	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.0
76.25°	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5
75°	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9
73.75°	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.6	5.4
72.5°	8.3	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.4	6.1	5.9
71.25°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.6	6.3
70°	9.6	9.3	9.1	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8
68.75°	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3
67.5°	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4	8.1	7.7
66.25°	11.2	11.1	10.9	10.6	10.3	9.9	9.6	9.2	8.9	8.5	8.2
65°	11.5	11.4	11.2	11.0	10.8	10.5	10.1	9.8	9.4	9.0	8.7
63.75°	11.9	11.7	11.5	11.3	11.1	11.0	10.7	10.3	9.9	9.5	9.1
62.5°	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.4	10.0	9.6
61.25°	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.5	10.0
60°	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9	10.5
58.75°	13.1	12.9	12.7	12.5	12.3	12.0	11.8	11.6	11.4	11.1	10.9
57.5°	13.4	13.2	13.0	12.8	12.5	12.3	12.1	11.8	11.6	11.4	11.1
56.25°	13.7	13.5	13.3	13.0	12.8	12.6	12.3	12.1	11.8	11.6	11.4
55°	14.2	13.8	13.6	13.3	13.1	12.8	12.6	12.3	12.1	11.8	11.6
53.75°	15.1	14.4	13.8	13.6	13.3	13.1	12.8	12.6	12.3	12.0	11.8
52.5°	16.0	15.3	14.5	13.9	13.6	13.3	13.1	12.8	12.5	12.3	12.0
51.25°	16.8	16.1	15.3	14.6	13.9	13.6	13.3	13.0	12.8	12.5	12.2
50°	17.4	16.9	16.1	15.3	14.5	13.8	13.6	13.3	13.0	12.7	12.4
48.75°	18.0	17.4	16.9	16.1	15.3	14.4	13.8	13.5	13.2	12.9	12.6
47.5°	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.7	13.4	13.1	12.8
46.25°	19.1	18.5	17.9	17.3	16.7	15.8	14.9	14.0	13.6	13.3	13.0
45°	19.6	19.0	18.4	17.8	17.2	16.5	15.6	14.6	13.8	13.5	13.2
43.75°	20.2	19.6	18.9	18.3	17.7	17.0	16.2	15.2	14.3	13.7	13.4
42.5°	20.7	20.1	19.4	18.8	18.1	17.5	16.8	15.8	14.9	13.9	13.6
41.25°	21.0	20.6	19.9	19.3	18.6	17.9	17.2	16.4	15.4	14.4	13.7
40°	21.3	20.9	20.4	19.7	19.0	18.3	17.7	17.0	16.0	15.0	13.9
38.75°	21.5	21.2	20.8	20.2	19.5	18.8	18.1	17.3	16.5	15.5	14.4
37.5°	21.8	21.4	21.1	20.6	19.9	19.2	18.5	17.7	17.0	16.0	14.9
36.25°	22.0	21.6	21.3	20.9	20.3	19.6	18.8	18.1	17.3	16.5	15.4
35°	22.2	21.9	21.5	21.1	20.7	20.0	19.2	18.5	17.7	16.9	15.8



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	22.5	22.1	21.7	21.3	21.0	20.4	19.6	18.8	18.0	17.2	16.3
32.5°	22.7	22.3	21.9	21.5	21.2	20.7	19.9	19.2	18.4	17.6	16.7
31.25°	22.9	22.5	22.1	21.7	21.3	20.9	20.3	19.5	18.7	17.9	17.0
30°	23.1	22.7	22.3	21.9	21.5	21.1	20.6	19.8	19.0	18.2	17.3
28.75°	23.3	22.9	22.5	22.1	21.7	21.3	20.9	20.1	19.3	18.4	17.6
27.5°	23.5	23.1	22.7	22.3	21.9	21.5	21.0	20.4	19.6	18.7	17.9
26.25°	23.7	23.3	22.9	22.5	22.0	21.6	21.2	20.7	19.8	19.0	18.1
25°	23.9	23.5	23.1	22.6	22.2	21.8	21.3	20.9	20.1	19.2	18.4
23.75°	24.1	23.6	23.2	22.8	22.3	21.9	21.5	21.0	20.4	19.5	18.6
22.5°	24.2	23.8	23.4	22.9	22.5	22.0	21.6	21.2	20.6	19.7	18.8
21.25°	24.4	24.0	23.5	23.1	22.6	22.2	21.7	21.3	20.8	19.9	19.0
20°	24.6	24.1	23.7	23.2	22.8	22.3	21.8	21.4	20.9	20.1	19.2
18.75°	24.7	24.3	23.8	23.3	22.9	22.4	22.0	21.5	21.0	20.3	19.4
17.5°	24.9	24.4	23.9	23.5	23.0	22.5	22.1	21.6	21.1	20.5	19.6
16.25°	25.1	24.5	24.0	23.6	23.1	22.6	22.2	21.7	21.2	20.7	19.7
15°	25.4	24.6	24.2	23.7	23.2	22.7	22.3	21.8	21.3	20.8	19.9
13.75°	25.6	24.7	24.3	23.8	23.3	22.8	22.3	21.9	21.4	20.9	20.0
12.5°	25.8	24.9	24.3	23.9	23.4	22.9	22.4	21.9	21.5	21.0	20.2
11.25°	26.0	25.0	24.4	23.9	23.5	23.0	22.5	22.0	21.5	21.0	20.3
10°	26.2	25.2	24.5	24.0	23.5	23.0	22.6	22.1	21.6	21.1	20.4
8.75°	26.3	25.3	24.6	24.1	23.6	23.1	22.6	22.1	21.6	21.1	20.5
7.5°	26.4	25.5	24.6	24.1	23.6	23.2	22.7	22.2	21.7	21.2	20.6
6.25°	26.6	25.6	24.7	24.2	23.7	23.2	22.7	22.2	21.7	21.2	20.6
5°	26.6	25.6	24.7	24.2	23.7	23.2	22.7	22.2	21.7	21.2	20.7
3.75°	26.7	25.7	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.7
2.5°	26.8	25.8	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.8
1.25°	26.8	25.8	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.8
0°	26.8	25.8	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.8
-1.25°	26.8	25.8	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.8
-2.5°	26.8	25.8	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.8
-3.75°	26.7	25.7	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.7
-5°	26.6	25.6	24.7	24.2	23.7	23.2	22.7	22.2	21.7	21.2	20.7
-6.25°	26.6	25.6	24.7	24.2	23.7	23.2	22.7	22.2	21.7	21.2	20.6
-7.5°	26.4	25.5	24.6	24.1	23.6	23.2	22.7	22.2	21.7	21.2	20.6
-8.75°	26.3	25.3	24.6	24.1	23.6	23.1	22.6	22.1	21.6	21.1	20.5
-10°	26.2	25.2	24.5	24.0	23.5	23.0	22.6	22.1	21.6	21.1	20.4
-11.25°	26.0	25.0	24.4	23.9	23.5	23.0	22.5	22.0	21.5	21.0	20.3
-12.5°	25.8	24.9	24.3	23.9	23.4	22.9	22.4	21.9	21.5	21.0	20.2
-13.75°	25.6	24.7	24.3	23.8	23.3	22.8	22.3	21.9	21.4	20.9	20.0
-15°	25.4	24.6	24.2	23.7	23.2	22.7	22.3	21.8	21.3	20.8	19.9
-16.25°	25.1	24.5	24.0	23.6	23.1	22.6	22.2	21.7	21.2	20.7	19.7
-17.5°	24.9	24.4	23.9	23.5	23.0	22.5	22.1	21.6	21.1	20.5	19.6
-18.75°	24.7	24.3	23.8	23.3	22.9	22.4	22.0	21.5	21.0	20.3	19.4
-20°	24.6	24.1	23.7	23.2	22.8	22.3	21.8	21.4	20.9	20.1	19.2
-21.25°	24.4	24.0	23.5	23.1	22.6	22.2	21.7	21.3	20.8	19.9	19.0



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	24.2	23.8	23.4	22.9	22.5	22.0	21.6	21.2	20.6	19.7	18.8
-23.75°	24.1	23.6	23.2	22.8	22.3	21.9	21.5	21.0	20.4	19.5	18.6
-25°	23.9	23.5	23.1	22.6	22.2	21.8	21.3	20.9	20.1	19.2	18.4
-26.25°	23.7	23.3	22.9	22.5	22.0	21.6	21.2	20.7	19.8	19.0	18.1
-27.5°	23.5	23.1	22.7	22.3	21.9	21.5	21.0	20.4	19.6	18.7	17.9
-28.75°	23.3	22.9	22.5	22.1	21.7	21.3	20.9	20.1	19.3	18.4	17.6
-30°	23.1	22.7	22.3	21.9	21.5	21.1	20.6	19.8	19.0	18.2	17.3
-31.25°	22.9	22.5	22.1	21.7	21.3	20.9	20.3	19.5	18.7	17.9	17.0
-32.5°	22.7	22.3	21.9	21.5	21.2	20.7	19.9	19.2	18.4	17.6	16.7
-33.75°	22.5	22.1	21.7	21.3	21.0	20.4	19.6	18.8	18.0	17.2	16.3
-35°	22.2	21.9	21.5	21.1	20.7	20.0	19.2	18.5	17.7	16.9	15.8
-36.25°	22.0	21.6	21.3	20.9	20.3	19.6	18.8	18.1	17.3	16.5	15.4
-37.5°	21.8	21.4	21.1	20.6	19.9	19.2	18.5	17.7	17.0	16.0	14.9
-38.75°	21.5	21.2	20.8	20.2	19.5	18.8	18.1	17.3	16.5	15.5	14.4
-40°	21.3	20.9	20.4	19.7	19.0	18.3	17.7	17.0	16.0	15.0	13.9
-41.25°	21.0	20.6	19.9	19.3	18.6	17.9	17.2	16.4	15.4	14.4	13.7
-42.5°	20.7	20.1	19.4	18.8	18.1	17.5	16.8	15.8	14.9	13.9	13.6
-43.75°	20.2	19.6	18.9	18.3	17.7	17.0	16.2	15.2	14.3	13.7	13.4
-45°	19.6	19.0	18.4	17.8	17.2	16.5	15.6	14.6	13.8	13.5	13.2
-46.25°	19.1	18.5	17.9	17.3	16.7	15.8	14.9	14.0	13.6	13.3	13.0
-47.5°	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.7	13.4	13.1	12.8
-48.75°	18.0	17.4	16.9	16.1	15.3	14.4	13.8	13.5	13.2	12.9	12.6
-50°	17.4	16.9	16.1	15.3	14.5	13.8	13.6	13.3	13.0	12.7	12.4
-51.25°	16.8	16.1	15.3	14.6	13.9	13.6	13.3	13.0	12.8	12.5	12.2
-52.5°	16.0	15.3	14.5	13.9	13.6	13.3	13.1	12.8	12.5	12.3	12.0
-53.75°	15.1	14.4	13.8	13.6	13.3	13.1	12.8	12.6	12.3	12.0	11.8
-55°	14.2	13.8	13.6	13.3	13.1	12.8	12.6	12.3	12.1	11.8	11.6
-56.25°	13.7	13.5	13.3	13.0	12.8	12.6	12.3	12.1	11.8	11.6	11.4
-57.5°	13.4	13.2	13.0	12.8	12.5	12.3	12.1	11.8	11.6	11.4	11.1
-58.75°	13.1	12.9	12.7	12.5	12.3	12.0	11.8	11.6	11.4	11.1	10.9
-60°	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9	10.5
-61.25°	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.5	10.0
-62.5°	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.4	10.0	9.6
-63.75°	11.9	11.7	11.5	11.3	11.1	11.0	10.7	10.3	9.9	9.5	9.1
-65°	11.5	11.4	11.2	11.0	10.8	10.5	10.1	9.8	9.4	9.0	8.7
-66.25°	11.2	11.1	10.9	10.6	10.3	9.9	9.6	9.2	8.9	8.5	8.2
-67.5°	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4	8.1	7.7
-68.75°	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3
-70°	9.6	9.3	9.1	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8
-71.25°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.6	6.3
-72.5°	8.3	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.4	6.1	5.9
-73.75°	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.6	5.4
-75°	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9
-76.25°	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5
-77.5°	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
-80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
-81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
-82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
-85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
-86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
77.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1
75°	4.7	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3
73.75°	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
72.5°	5.6	5.4	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
71.25°	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.0	3.7	3.4	3.1
70°	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
68.75°	6.9	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.7
67.5°	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3	3.9
66.25°	7.8	7.5	7.1	6.7	6.4	6.0	5.7	5.3	5.0	4.6	4.2
65°	8.3	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4
63.75°	8.7	8.3	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
62.5°	9.2	8.7	8.3	7.9	7.5	7.0	6.6	6.2	5.8	5.4	4.9
61.25°	9.6	9.2	8.7	8.3	7.8	7.4	6.9	6.5	6.1	5.6	5.2
60°	10.0	9.6	9.1	8.7	8.2	7.7	7.3	6.8	6.3	5.9	5.4
58.75°	10.5	10.0	9.5	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6
57.5°	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
56.25°	11.1	10.8	10.3	9.8	9.2	8.7	8.2	7.7	7.1	6.6	6.1
55°	11.3	11.0	10.7	10.1	9.6	9.0	8.5	8.0	7.4	6.8	6.3
53.75°	11.5	11.2	11.0	10.5	9.9	9.4	8.8	8.2	7.7	7.1	6.5
52.5°	11.7	11.4	11.1	10.8	10.3	9.7	9.1	8.5	7.9	7.3	6.8
51.25°	11.9	11.6	11.3	11.0	10.6	10.0	9.4	8.8	8.2	7.6	7.0
50°	12.1	11.8	11.5	11.2	10.9	10.3	9.7	9.1	8.4	7.8	7.2
48.75°	12.3	12.0	11.7	11.4	11.1	10.6	10.0	9.3	8.7	8.0	7.4
47.5°	12.5	12.2	11.9	11.5	11.2	10.9	10.2	9.6	8.9	8.3	7.6
46.25°	12.7	12.3	12.0	11.7	11.4	11.0	10.5	9.8	9.2	8.5	7.8
45°	12.9	12.5	12.2	11.9	11.5	11.2	10.8	10.1	9.4	8.7	8.0
43.75°	13.0	12.7	12.4	12.0	11.7	11.3	11.0	10.3	9.6	8.9	8.2
42.5°	13.2	12.9	12.5	12.2	11.8	11.5	11.1	10.6	9.9	9.1	8.4
41.25°	13.4	13.0	12.7	12.3	12.0	11.6	11.2	10.8	10.1	9.4	8.6
40°	13.5	13.2	12.8	12.5	12.1	11.7	11.3	11.0	10.3	9.6	8.8
38.75°	13.7	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.5	9.8	9.0
37.5°	13.9	13.5	13.1	12.7	12.4	12.0	11.6	11.2	10.7	9.9	9.2
36.25°	14.3	13.6	13.3	12.9	12.5	12.1	11.7	11.3	10.9	10.1	9.3
35°	14.7	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.3	9.5



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	15.1	14.0	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.5	9.7
32.5°	15.6	14.4	13.7	13.3	12.8	12.4	12.0	11.6	11.2	10.7	9.8
31.25°	16.0	14.8	13.8	13.4	13.0	12.5	12.1	11.7	11.3	10.8	10.0
30°	16.4	15.1	13.9	13.5	13.1	12.6	12.2	11.8	11.4	10.9	10.1
28.75°	16.7	15.5	14.3	13.6	13.2	12.7	12.3	11.9	11.4	11.0	10.3
27.5°	17.0	15.8	14.6	13.7	13.3	12.8	12.4	12.0	11.5	11.1	10.4
26.25°	17.2	16.2	14.9	13.8	13.4	12.9	12.5	12.0	11.6	11.2	10.5
25°	17.5	16.5	15.2	13.9	13.5	13.0	12.6	12.1	11.7	11.2	10.7
23.75°	17.7	16.8	15.5	14.2	13.6	13.1	12.6	12.2	11.7	11.3	10.8
22.5°	17.9	17.0	15.8	14.5	13.6	13.2	12.7	12.3	11.8	11.4	10.9
21.25°	18.1	17.2	16.0	14.7	13.7	13.3	12.8	12.3	11.9	11.4	10.9
20°	18.3	17.4	16.3	14.9	13.8	13.3	12.9	12.4	11.9	11.5	11.0
18.75°	18.5	17.5	16.5	15.2	13.9	13.4	12.9	12.5	12.0	11.5	11.0
17.5°	18.6	17.7	16.7	15.4	14.0	13.5	13.0	12.5	12.0	11.6	11.1
16.25°	18.8	17.9	16.9	15.6	14.2	13.5	13.0	12.6	12.1	11.6	11.1
15°	18.9	18.0	17.0	15.7	14.4	13.6	13.1	12.6	12.1	11.7	11.2
13.75°	19.1	18.1	17.2	15.9	14.5	13.6	13.1	12.7	12.2	11.7	11.2
12.5°	19.2	18.2	17.3	16.1	14.7	13.7	13.2	12.7	12.2	11.7	11.2
11.25°	19.3	18.3	17.4	16.2	14.8	13.7	13.2	12.7	12.3	11.8	11.3
10°	19.4	18.4	17.5	16.3	14.9	13.8	13.3	12.8	12.3	11.8	11.3
8.75°	19.5	18.5	17.5	16.4	15.0	13.8	13.3	12.8	12.3	11.8	11.3
7.5°	19.6	18.6	17.6	16.5	15.1	13.8	13.3	12.8	12.3	11.8	11.3
6.25°	19.7	18.7	17.7	16.6	15.2	13.8	13.3	12.9	12.4	11.9	11.4
5°	19.7	18.7	17.7	16.7	15.2	13.9	13.4	12.9	12.4	11.9	11.4
3.75°	19.7	18.7	17.8	16.7	15.3	13.9	13.4	12.9	12.4	11.9	11.4
2.5°	19.8	18.8	17.8	16.8	15.3	13.9	13.4	12.9	12.4	11.9	11.4
1.25°	19.8	18.8	17.8	16.8	15.3	13.9	13.4	12.9	12.4	11.9	11.4
0°	19.8	18.8	17.8	16.8	15.4	13.9	13.4	12.9	12.4	11.9	11.4
-1.25°	19.8	18.8	17.8	16.8	15.3	13.9	13.4	12.9	12.4	11.9	11.4
-2.5°	19.8	18.8	17.8	16.8	15.3	13.9	13.4	12.9	12.4	11.9	11.4
-3.75°	19.7	18.7	17.8	16.7	15.3	13.9	13.4	12.9	12.4	11.9	11.4
-5°	19.7	18.7	17.7	16.7	15.2	13.9	13.4	12.9	12.4	11.9	11.4
-6.25°	19.7	18.7	17.7	16.6	15.2	13.8	13.3	12.9	12.4	11.9	11.4
-7.5°	19.6	18.6	17.6	16.5	15.1	13.8	13.3	12.8	12.3	11.8	11.3
-8.75°	19.5	18.5	17.5	16.4	15.0	13.8	13.3	12.8	12.3	11.8	11.3
-10°	19.4	18.4	17.5	16.3	14.9	13.8	13.3	12.8	12.3	11.8	11.3
-11.25°	19.3	18.3	17.4	16.2	14.8	13.7	13.2	12.7	12.3	11.8	11.3
-12.5°	19.2	18.2	17.3	16.1	14.7	13.7	13.2	12.7	12.2	11.7	11.2
-13.75°	19.1	18.1	17.2	15.9	14.5	13.6	13.1	12.7	12.2	11.7	11.2
-15°	18.9	18.0	17.0	15.7	14.4	13.6	13.1	12.6	12.1	11.7	11.2
-16.25°	18.8	17.9	16.9	15.6	14.2	13.5	13.0	12.6	12.1	11.6	11.1
-17.5°	18.6	17.7	16.7	15.4	14.0	13.5	13.0	12.5	12.0	11.6	11.1
-18.75°	18.5	17.5	16.5	15.2	13.9	13.4	12.9	12.5	12.0	11.5	11.0
-20°	18.3	17.4	16.3	14.9	13.8	13.3	12.9	12.4	11.9	11.5	11.0
-21.25°	18.1	17.2	16.0	14.7	13.7	13.3	12.8	12.3	11.9	11.4	10.9



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	17.9	17.0	15.8	14.5	13.6	13.2	12.7	12.3	11.8	11.4	10.9
-23.75°	17.7	16.8	15.5	14.2	13.6	13.1	12.6	12.2	11.7	11.3	10.8
-25°	17.5	16.5	15.2	13.9	13.5	13.0	12.6	12.1	11.7	11.2	10.7
-26.25°	17.2	16.2	14.9	13.8	13.4	12.9	12.5	12.0	11.6	11.2	10.5
-27.5°	17.0	15.8	14.6	13.7	13.3	12.8	12.4	12.0	11.5	11.1	10.4
-28.75°	16.7	15.5	14.3	13.6	13.2	12.7	12.3	11.9	11.4	11.0	10.3
-30°	16.4	15.1	13.9	13.5	13.1	12.6	12.2	11.8	11.4	10.9	10.1
-31.25°	16.0	14.8	13.8	13.4	13.0	12.5	12.1	11.7	11.3	10.8	10.0
-32.5°	15.6	14.4	13.7	13.3	12.8	12.4	12.0	11.6	11.2	10.7	9.8
-33.75°	15.1	14.0	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.5	9.7
-35°	14.7	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.3	9.5
-36.25°	14.3	13.6	13.3	12.9	12.5	12.1	11.7	11.3	10.9	10.1	9.3
-37.5°	13.9	13.5	13.1	12.7	12.4	12.0	11.6	11.2	10.7	9.9	9.2
-38.75°	13.7	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.5	9.8	9.0
-40°	13.5	13.2	12.8	12.5	12.1	11.7	11.3	11.0	10.3	9.6	8.8
-41.25°	13.4	13.0	12.7	12.3	12.0	11.6	11.2	10.8	10.1	9.4	8.6
-42.5°	13.2	12.9	12.5	12.2	11.8	11.5	11.1	10.6	9.9	9.1	8.4
-43.75°	13.0	12.7	12.4	12.0	11.7	11.3	11.0	10.3	9.6	8.9	8.2
-45°	12.9	12.5	12.2	11.9	11.5	11.2	10.8	10.1	9.4	8.7	8.0
-46.25°	12.7	12.3	12.0	11.7	11.4	11.0	10.5	9.8	9.2	8.5	7.8
-47.5°	12.5	12.2	11.9	11.5	11.2	10.9	10.2	9.6	8.9	8.3	7.6
-48.75°	12.3	12.0	11.7	11.4	11.1	10.6	10.0	9.3	8.7	8.0	7.4
-50°	12.1	11.8	11.5	11.2	10.9	10.3	9.7	9.1	8.4	7.8	7.2
-51.25°	11.9	11.6	11.3	11.0	10.6	10.0	9.4	8.8	8.2	7.6	7.0
-52.5°	11.7	11.4	11.1	10.8	10.3	9.7	9.1	8.5	7.9	7.3	6.8
-53.75°	11.5	11.2	11.0	10.5	9.9	9.4	8.8	8.2	7.7	7.1	6.5
-55°	11.3	11.0	10.7	10.1	9.6	9.0	8.5	8.0	7.4	6.8	6.3
-56.25°	11.1	10.8	10.3	9.8	9.2	8.7	8.2	7.7	7.1	6.6	6.1
-57.5°	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
-58.75°	10.5	10.0	9.5	9.0	8.5	8.1	7.6	7.1	6.6	6.1	5.6
-60°	10.0	9.6	9.1	8.7	8.2	7.7	7.3	6.8	6.3	5.9	5.4
-61.25°	9.6	9.2	8.7	8.3	7.8	7.4	6.9	6.5	6.1	5.6	5.2
-62.5°	9.2	8.7	8.3	7.9	7.5	7.0	6.6	6.2	5.8	5.4	4.9
-63.75°	8.7	8.3	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
-65°	8.3	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8	4.4
-66.25°	7.8	7.5	7.1	6.7	6.4	6.0	5.7	5.3	5.0	4.6	4.2
-67.5°	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3	3.9
-68.75°	6.9	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.7
-70°	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
-71.25°	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.0	3.7	3.4	3.1
-72.5°	5.6	5.4	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
-73.75°	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
-75°	4.7	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3
-76.25°	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1
-77.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
-80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
-82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
-83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
80°	1.1	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
78.75°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.6	1.4	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2
76.25°	1.8	1.6	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
75°	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
73.75°	2.3	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4	0.3
72.5°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
71.25°	2.8	2.5	2.2	1.9	1.6	1.2	1.0	0.8	0.6	0.5	0.3
70°	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
68.75°	3.3	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
67.5°	3.5	3.2	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
66.25°	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
65°	4.0	3.6	3.2	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
63.75°	4.3	3.8	3.4	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
62.5°	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
61.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0	0.7	0.5
60°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.7	0.5
58.75°	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1	0.8	0.5
57.5°	5.4	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
56.25°	5.6	5.1	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
55°	5.8	5.3	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
53.75°	6.0	5.4	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
52.5°	6.2	5.6	5.1	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
51.25°	6.4	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
50°	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
48.75°	6.8	6.2	5.5	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
47.5°	7.0	6.3	5.7	5.1	4.4	3.7	3.0	2.4	1.7	1.0	0.7
46.25°	7.1	6.5	5.8	5.2	4.5	3.8	3.1	2.5	1.8	1.1	0.7
45°	7.3	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1	0.7
43.75°	7.5	6.8	6.1	5.5	4.8	4.0	3.3	2.6	1.9	1.2	0.7
42.5°	7.7	7.0	6.3	5.6	4.9	4.2	3.4	2.7	1.9	1.2	0.7
41.25°	7.9	7.1	6.4	5.7	5.0	4.3	3.5	2.8	2.0	1.3	0.8
40°	8.0	7.3	6.6	5.8	5.1	4.4	3.6	2.8	2.1	1.3	0.8
38.75°	8.2	7.4	6.7	6.0	5.2	4.5	3.7	2.9	2.1	1.3	0.8
37.5°	8.4	7.6	6.8	6.1	5.3	4.5	3.8	3.0	2.2	1.4	0.8
36.25°	8.5	7.7	6.9	6.2	5.4	4.6	3.8	3.0	2.2	1.4	0.8
35°	8.7	7.9	7.1	6.3	5.5	4.7	3.9	3.1	2.3	1.5	0.8



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.3	1.5	0.8
32.5°	9.0	8.2	7.3	6.5	5.7	4.9	4.1	3.2	2.4	1.5	0.8
31.25°	9.1	8.3	7.4	6.6	5.8	5.0	4.1	3.3	2.4	1.6	0.9
30°	9.3	8.4	7.5	6.7	5.9	5.1	4.2	3.3	2.5	1.6	0.9
28.75°	9.4	8.5	7.7	6.8	6.0	5.1	4.3	3.4	2.5	1.6	0.9
27.5°	9.5	8.6	7.8	6.9	6.0	5.2	4.3	3.4	2.5	1.7	0.9
26.25°	9.6	8.7	7.9	7.0	6.1	5.3	4.4	3.5	2.6	1.7	0.9
25°	9.8	8.9	8.0	7.0	6.2	5.3	4.4	3.5	2.6	1.7	0.9
23.75°	9.9	9.0	8.0	7.1	6.3	5.4	4.5	3.6	2.7	1.7	0.9
22.5°	10.0	9.0	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.8	0.9
21.25°	10.1	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.7	1.8	0.9
20°	10.2	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8	0.9
18.75°	10.2	9.3	8.4	7.4	6.5	5.6	4.7	3.7	2.8	1.8	0.9
17.5°	10.3	9.4	8.4	7.5	6.5	5.6	4.7	3.8	2.8	1.9	1.0
16.25°	10.4	9.5	8.5	7.5	6.6	5.7	4.8	3.8	2.8	1.9	1.0
15°	10.5	9.5	8.6	7.6	6.6	5.7	4.8	3.8	2.9	1.9	1.0
13.75°	10.5	9.6	8.6	7.6	6.7	5.8	4.8	3.9	2.9	1.9	1.0
12.5°	10.6	9.6	8.7	7.7	6.7	5.8	4.9	3.9	2.9	1.9	1.0
11.25°	10.7	9.7	8.7	7.7	6.8	5.8	4.9	3.9	2.9	1.9	1.0
10°	10.7	9.7	8.7	7.8	6.8	5.8	4.9	3.9	2.9	2.0	1.0
8.75°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	3.9	3.0	2.0	1.0
7.5°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	4.0	3.0	2.0	1.0
6.25°	10.8	9.8	8.8	7.8	6.9	5.9	5.0	4.0	3.0	2.0	1.0
5°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
3.75°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
2.5°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
1.25°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
0°	10.9	9.9	8.9	7.9	6.9	6.0	5.0	4.0	3.0	2.0	1.0
-1.25°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
-2.5°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
-3.75°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
-5°	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.0	1.0
-6.25°	10.8	9.8	8.8	7.8	6.9	5.9	5.0	4.0	3.0	2.0	1.0
-7.5°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	4.0	3.0	2.0	1.0
-8.75°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	3.9	3.0	2.0	1.0
-10°	10.7	9.7	8.7	7.8	6.8	5.8	4.9	3.9	2.9	2.0	1.0
-11.25°	10.7	9.7	8.7	7.7	6.8	5.8	4.9	3.9	2.9	1.9	1.0
-12.5°	10.6	9.6	8.7	7.7	6.7	5.8	4.9	3.9	2.9	1.9	1.0
-13.75°	10.5	9.6	8.6	7.6	6.7	5.8	4.8	3.9	2.9	1.9	1.0
-15°	10.5	9.5	8.6	7.6	6.6	5.7	4.8	3.8	2.9	1.9	1.0
-16.25°	10.4	9.5	8.5	7.5	6.6	5.7	4.8	3.8	2.8	1.9	1.0
-17.5°	10.3	9.4	8.4	7.5	6.5	5.6	4.7	3.8	2.8	1.9	1.0
-18.75°	10.2	9.3	8.4	7.4	6.5	5.6	4.7	3.7	2.8	1.8	0.9
-20°	10.2	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8	0.9
-21.25°	10.1	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.7	1.8	0.9



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	10.0	9.0	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.8	0.9
-23.75°	9.9	9.0	8.0	7.1	6.3	5.4	4.5	3.6	2.7	1.7	0.9
-25°	9.8	8.9	8.0	7.0	6.2	5.3	4.4	3.5	2.6	1.7	0.9
-26.25°	9.6	8.7	7.9	7.0	6.1	5.3	4.4	3.5	2.6	1.7	0.9
-27.5°	9.5	8.6	7.8	6.9	6.0	5.2	4.3	3.4	2.5	1.7	0.9
-28.75°	9.4	8.5	7.7	6.8	6.0	5.1	4.3	3.4	2.5	1.6	0.9
-30°	9.3	8.4	7.5	6.7	5.9	5.1	4.2	3.3	2.5	1.6	0.9
-31.25°	9.1	8.3	7.4	6.6	5.8	5.0	4.1	3.3	2.4	1.6	0.9
-32.5°	9.0	8.2	7.3	6.5	5.7	4.9	4.1	3.2	2.4	1.5	0.8
-33.75°	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.3	1.5	0.8
-35°	8.7	7.9	7.1	6.3	5.5	4.7	3.9	3.1	2.3	1.5	0.8
-36.25°	8.5	7.7	6.9	6.2	5.4	4.6	3.8	3.0	2.2	1.4	0.8
-37.5°	8.4	7.6	6.8	6.1	5.3	4.5	3.8	3.0	2.2	1.4	0.8
-38.75°	8.2	7.4	6.7	6.0	5.2	4.5	3.7	2.9	2.1	1.3	0.8
-40°	8.0	7.3	6.6	5.8	5.1	4.4	3.6	2.8	2.1	1.3	0.8
-41.25°	7.9	7.1	6.4	5.7	5.0	4.3	3.5	2.8	2.0	1.3	0.8
-42.5°	7.7	7.0	6.3	5.6	4.9	4.2	3.4	2.7	1.9	1.2	0.7
-43.75°	7.5	6.8	6.1	5.5	4.8	4.0	3.3	2.6	1.9	1.2	0.7
-45°	7.3	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1	0.7
-46.25°	7.1	6.5	5.8	5.2	4.5	3.8	3.1	2.5	1.8	1.1	0.7
-47.5°	7.0	6.3	5.7	5.1	4.4	3.7	3.0	2.4	1.7	1.0	0.7
-48.75°	6.8	6.2	5.5	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
-50°	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
-51.25°	6.4	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
-52.5°	6.2	5.6	5.1	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
-53.75°	6.0	5.4	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
-55°	5.8	5.3	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
-56.25°	5.6	5.1	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
-57.5°	5.4	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
-58.75°	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1	0.8	0.5
-60°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.7	0.5
-61.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0	0.7	0.5
-62.5°	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
-63.75°	4.3	3.8	3.4	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
-65°	4.0	3.6	3.2	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
-66.25°	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
-67.5°	3.5	3.2	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
-68.75°	3.3	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
-70°	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
-71.25°	2.8	2.5	2.2	1.9	1.6	1.2	1.0	0.8	0.6	0.5	0.3
-72.5°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
-73.75°	2.3	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4	0.3
-75°	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
-76.25°	1.8	1.6	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-77.5°	1.6	1.4	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.1	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-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: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.1	0.0
80°	0.1	0.0
78.75°	0.1	0.0
77.5°	0.1	0.0
76.25°	0.1	0.0
75°	0.1	0.0
73.75°	0.1	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	0.0
67.5°	0.2	0.0
66.25°	0.2	0.0
65°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.2	0.0
61.25°	0.2	0.0
60°	0.2	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.3	0.0
48.75°	0.3	0.0
47.5°	0.3	0.0
46.25°	0.3	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.4	0.0



REPORT NUMBER: P221131 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.4	0.0
32.5°	0.4	0.0
31.25°	0.4	0.0
30°	0.4	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.5	0.0
21.25°	0.5	0.0
20°	0.5	0.0
18.75°	0.5	0.0
17.5°	0.5	0.0
16.25°	0.5	0.0
15°	0.5	0.0
13.75°	0.5	0.0
12.5°	0.5	0.0
11.25°	0.5	0.0
10°	0.5	0.0
8.75°	0.5	0.0
7.5°	0.5	0.0
6.25°	0.5	0.0
5°	0.5	0.0
3.75°	0.5	0.0
2.5°	0.5	0.0
1.25°	0.5	0.0
0°	0.5	0.0
-1.25°	0.5	0.0
-2.5°	0.5	0.0
-3.75°	0.5	0.0
-5°	0.5	0.0
-6.25°	0.5	0.0
-7.5°	0.5	0.0
-8.75°	0.5	0.0
-10°	0.5	0.0
-11.25°	0.5	0.0
-12.5°	0.5	0.0
-13.75°	0.5	0.0
-15°	0.5	0.0
-16.25°	0.5	0.0
-17.5°	0.5	0.0
-18.75°	0.5	0.0
-20°	0.5	0.0
-21.25°	0.5	0.0



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCW-W-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.4	0.0
-27.5°	0.4	0.0
-28.75°	0.4	0.0
-30°	0.4	0.0
-31.25°	0.4	0.0
-32.5°	0.4	0.0
-33.75°	0.4	0.0
-35°	0.4	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.3	0.0
-47.5°	0.3	0.0
-48.75°	0.3	0.0
-50°	0.3	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.2	0.0
-61.25°	0.2	0.0
-62.5°	0.2	0.0
-63.75°	0.2	0.0
-65°	0.2	0.0
-66.25°	0.2	0.0
-67.5°	0.2	0.0
-68.75°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.1	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.1	0.0
-80°	0.1	0.0
-81.25°	0.1	0.0
-82.5°	0.1	0.0
-83.75°	0.1	0.0
-85°	0.0	0.0
-86.25°	0.0	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)