

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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-UNV**

Issue Date: 3/3/2020

Test Information

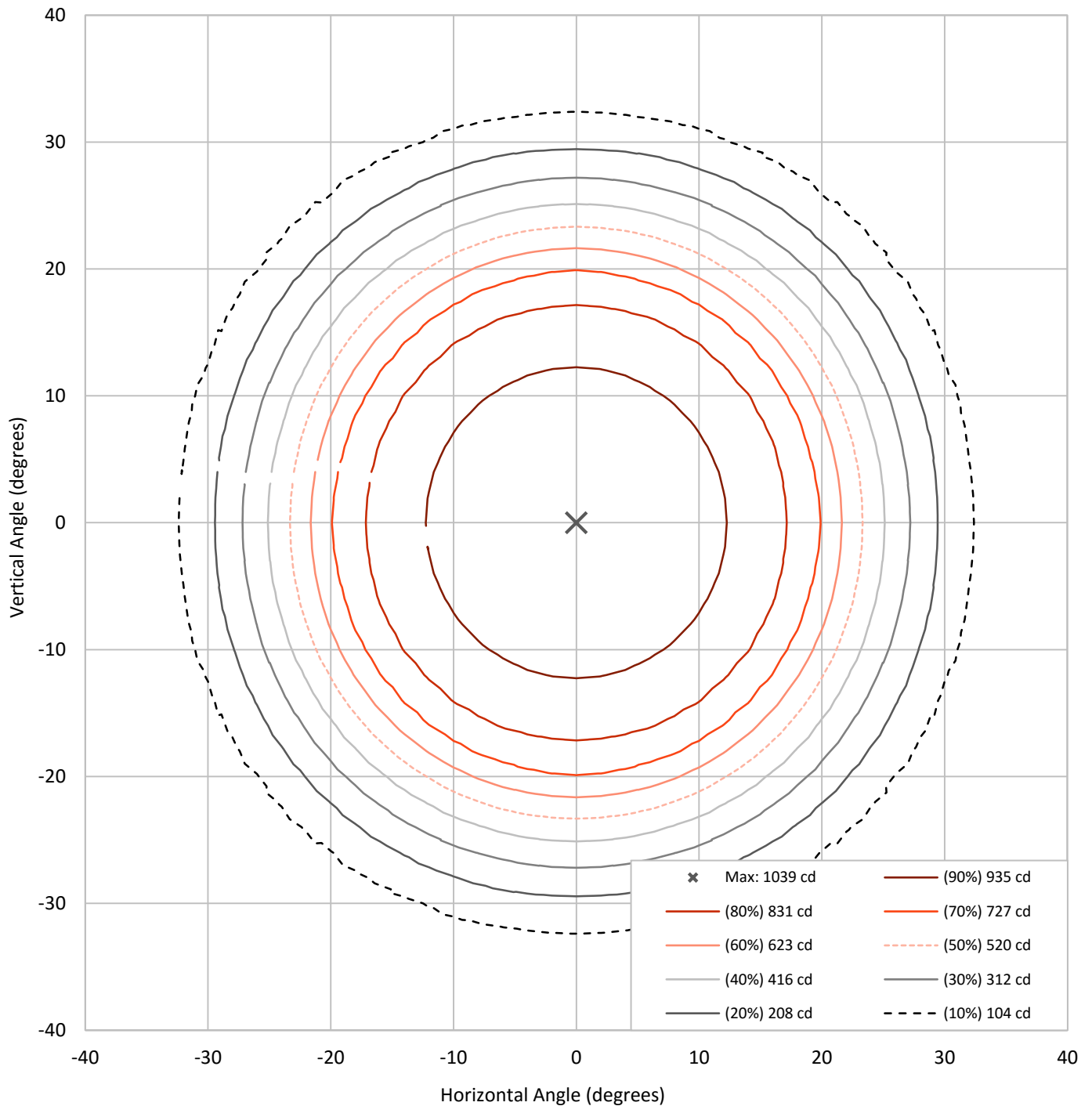
Test Method: LM-79-08
Report Number: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHAGING 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:	670.4 lumens	Max Intensity:	1039 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	27.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.6°H x 46.6°V	Field Angle (10%):	64.5°H x 64.5°V
Beam Lumens:	424.4 lumens	Field Lumens:	551.9 lumens
Beam Efficiency:	63.3%	Field Efficiency:	82.3%
Input Watts (W):	24.2		
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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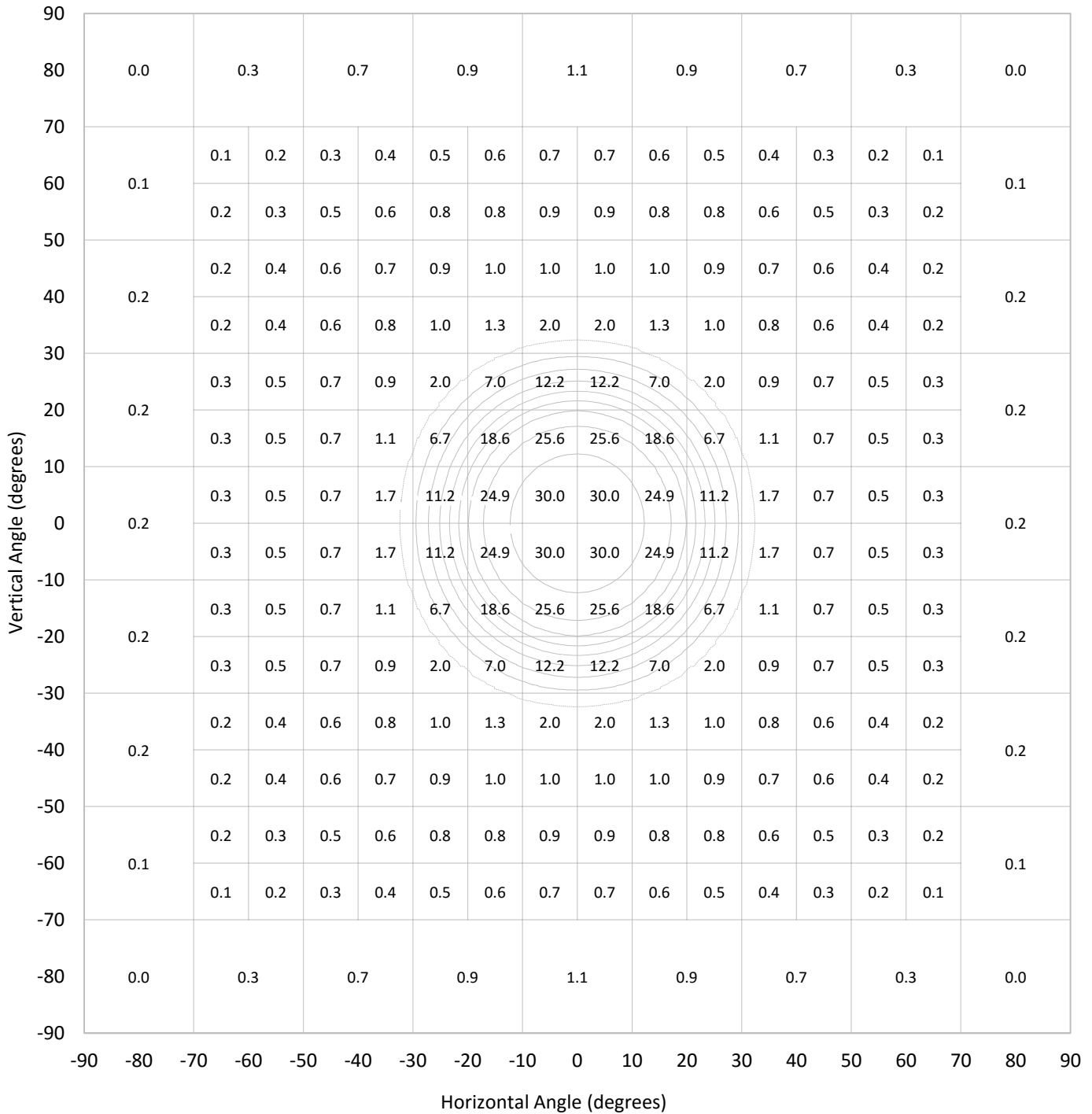
Iso-Candela Plot





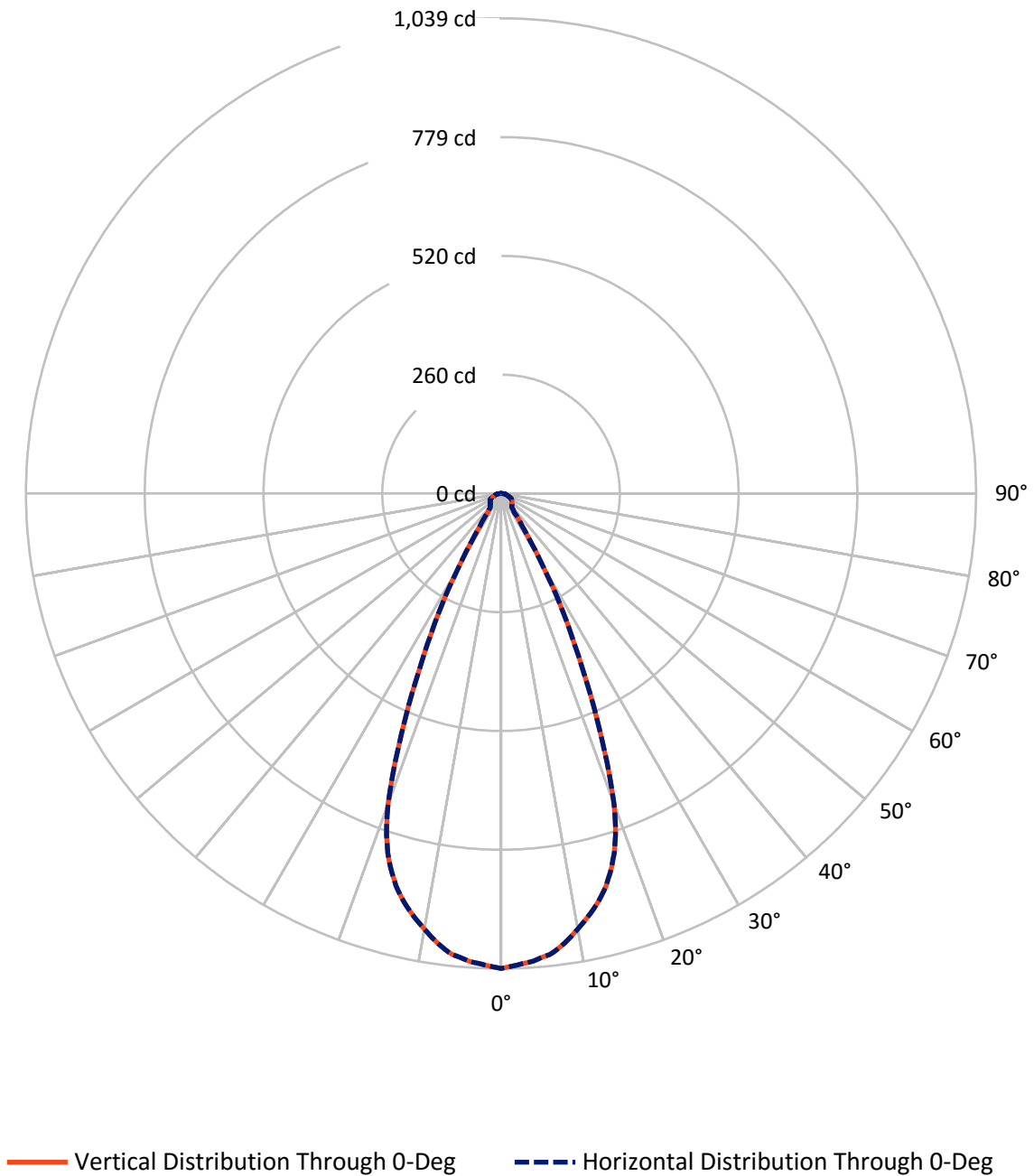
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Lumen Table



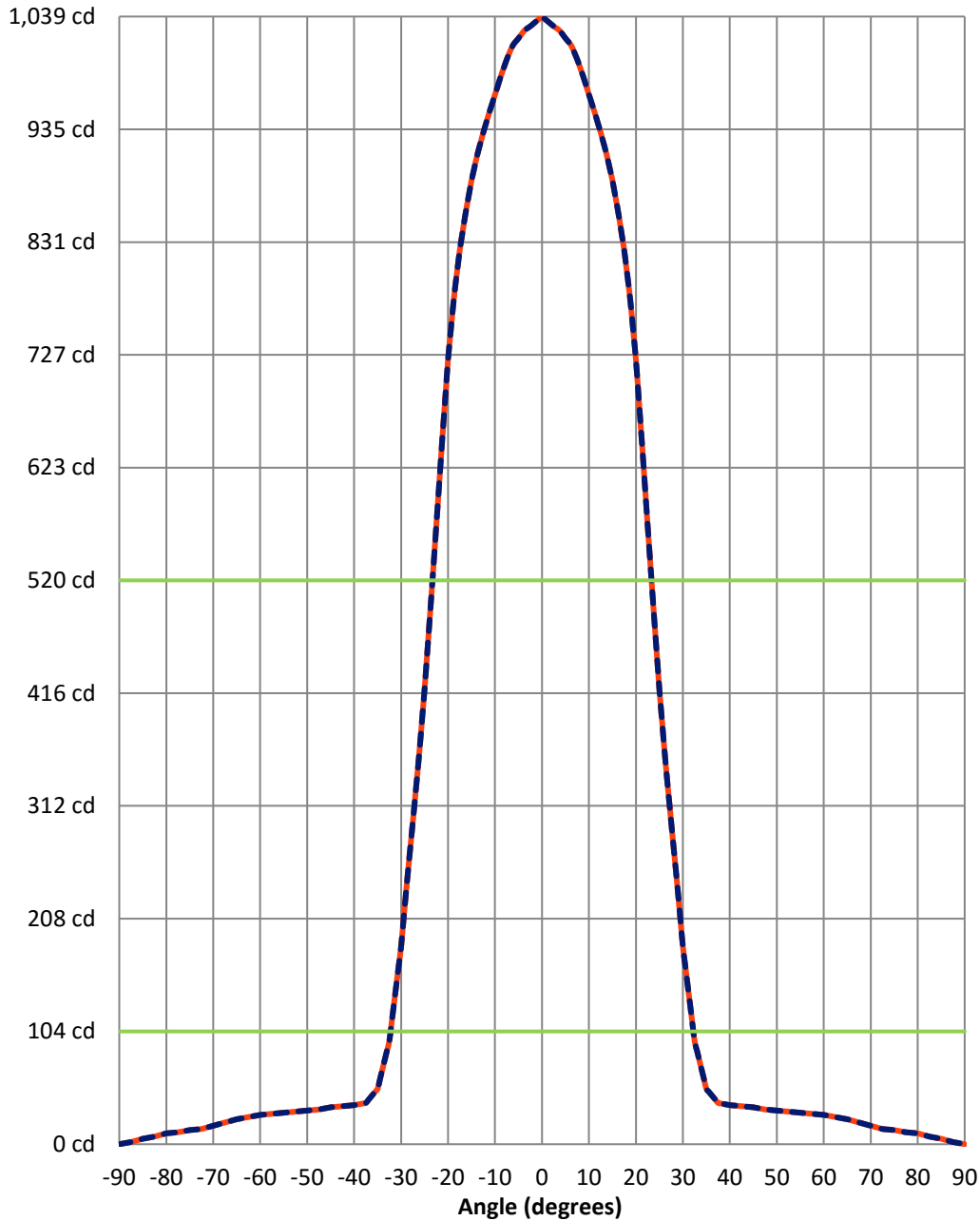
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.6°
 V Angle: 46.6°
 Lumens: 424.4
 Efficiency: 63.3%

Field:
 H Angle: 64.5°
 V Angle: 64.5°
 Lumens: 551.9
 Efficiency: 82.3%

Spill:
 Lumens: 118.5
 Efficiency: 17.7%

— 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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
87.5°	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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.2
76.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.5
75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
73.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.8	3.2
72.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	3.5
71.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
70°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
68.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.8	3.3	3.9	4.4
67.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	3.0	3.6	4.1	4.7
66.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.6	3.2	3.8	4.4	5.0
65°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.4	4.1	4.7	5.2
63.75°	0.0	0.4	0.9	1.3	1.8	2.3	3.0	3.6	4.3	4.9	5.4
62.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.1	3.8	4.5	5.1	5.6
61.25°	0.0	0.5	1.0	1.4	1.9	2.6	3.3	4.0	4.7	5.3	5.8
60°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.2	5.0	5.5	6.0
58.75°	0.0	0.5	1.0	1.6	2.1	2.9	3.7	4.4	5.1	5.6	6.2
57.5°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.3	5.8	6.3
56.25°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.8	5.4	6.0	6.5
55°	0.0	0.6	1.1	1.7	2.4	3.3	4.2	5.0	5.6	6.1	6.7
53.75°	0.0	0.6	1.2	1.8	2.5	3.4	4.3	5.1	5.7	6.3	6.9
52.5°	0.0	0.6	1.2	1.8	2.6	3.6	4.5	5.3	5.9	6.5	7.1
51.25°	0.0	0.6	1.3	1.9	2.8	3.7	4.6	5.4	6.0	6.6	7.3
50°	0.0	0.6	1.3	1.9	2.9	3.8	4.8	5.5	6.1	6.8	7.6
48.75°	0.0	0.7	1.3	2.0	3.0	3.9	4.9	5.6	6.3	6.9	7.8
47.5°	0.0	0.7	1.4	2.0	3.1	4.1	5.0	5.7	6.4	7.1	8.1
46.25°	0.0	0.7	1.4	2.1	3.1	4.2	5.1	5.8	6.5	7.3	8.3
45°	0.0	0.7	1.4	2.2	3.2	4.3	5.2	5.9	6.6	7.5	8.6
43.75°	0.0	0.7	1.4	2.2	3.3	4.4	5.3	6.0	6.8	7.7	8.8
42.5°	0.0	0.7	1.5	2.3	3.4	4.5	5.4	6.2	6.9	7.9	9.0
41.25°	0.0	0.8	1.5	2.4	3.5	4.6	5.5	6.3	7.0	8.1	9.2
40°	0.0	0.8	1.5	2.4	3.6	4.7	5.6	6.4	7.2	8.3	9.5
38.75°	0.0	0.8	1.6	2.5	3.7	4.8	5.7	6.5	7.3	8.5	9.7
37.5°	0.0	0.8	1.6	2.6	3.8	4.9	5.8	6.5	7.5	8.7	9.9
36.25°	0.0	0.8	1.6	2.6	3.8	5.0	5.8	6.6	7.7	8.9	10.0
35°	0.0	0.8	1.6	2.7	3.9	5.1	5.9	6.7	7.8	9.0	10.1



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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	0.8	1.7	2.7	4.0	5.2	6.0	6.8	8.0	9.2	10.1
32.5°	0.0	0.8	1.7	2.8	4.1	5.2	6.1	6.9	8.1	9.4	10.2
31.25°	0.0	0.9	1.7	2.8	4.1	5.3	6.1	7.0	8.2	9.5	10.3
30°	0.0	0.9	1.7	2.9	4.2	5.3	6.2	7.1	8.4	9.7	10.3
28.75°	0.0	0.9	1.8	2.9	4.3	5.4	6.3	7.2	8.5	9.8	10.4
27.5°	0.0	0.9	1.8	3.0	4.3	5.4	6.3	7.3	8.6	10.0	10.4
26.25°	0.0	0.9	1.8	3.0	4.4	5.5	6.4	7.4	8.8	10.0	10.5
25°	0.0	0.9	1.8	3.1	4.4	5.5	6.4	7.5	8.9	10.1	10.5
23.75°	0.0	0.9	1.8	3.1	4.5	5.6	6.5	7.6	9.0	10.1	10.6
22.5°	0.0	0.9	1.8	3.2	4.5	5.6	6.5	7.7	9.1	10.2	10.6
21.25°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.8	9.2	10.2	10.7
20°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.9	9.3	10.2	10.7
18.75°	0.0	0.9	1.9	3.3	4.7	5.7	6.7	7.9	9.4	10.3	10.7
17.5°	0.0	1.0	1.9	3.3	4.7	5.8	6.7	8.0	9.4	10.3	10.8
16.25°	0.0	1.0	1.9	3.3	4.8	5.8	6.8	8.1	9.5	10.3	10.8
15°	0.0	1.0	1.9	3.3	4.8	5.8	6.8	8.1	9.6	10.3	10.8
13.75°	0.0	1.0	1.9	3.4	4.8	5.9	6.8	8.2	9.7	10.4	10.9
12.5°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.2	9.7	10.4	10.9
11.25°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.3	9.8	10.4	10.9
10°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.3	9.8	10.4	10.9
8.75°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.4	9.9	10.4	10.9
7.5°	0.0	1.0	2.0	3.5	4.9	6.0	6.9	8.4	9.9	10.5	11.0
6.25°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.4	9.9	10.5	11.0
5°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
3.75°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
2.5°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
1.25°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
0°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
-1.25°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
-2.5°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
-3.75°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
-5°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.5	10.0	10.5	11.0
-6.25°	0.0	1.0	2.0	3.5	5.0	6.0	7.0	8.4	9.9	10.5	11.0
-7.5°	0.0	1.0	2.0	3.5	4.9	6.0	6.9	8.4	9.9	10.5	11.0
-8.75°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.4	9.9	10.4	10.9
-10°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.3	9.8	10.4	10.9
-11.25°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.3	9.8	10.4	10.9
-12.5°	0.0	1.0	2.0	3.4	4.9	5.9	6.9	8.2	9.7	10.4	10.9
-13.75°	0.0	1.0	1.9	3.4	4.8	5.9	6.8	8.2	9.7	10.4	10.9
-15°	0.0	1.0	1.9	3.3	4.8	5.8	6.8	8.1	9.6	10.3	10.8
-16.25°	0.0	1.0	1.9	3.3	4.8	5.8	6.8	8.1	9.5	10.3	10.8
-17.5°	0.0	1.0	1.9	3.3	4.7	5.8	6.7	8.0	9.4	10.3	10.8
-18.75°	0.0	0.9	1.9	3.3	4.7	5.7	6.7	7.9	9.4	10.3	10.7
-20°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.9	9.3	10.2	10.7
-21.25°	0.0	0.9	1.9	3.2	4.6	5.7	6.6	7.8	9.2	10.2	10.7



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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	0.9	1.8	3.2	4.5	5.6	6.5	7.7	9.1	10.2	10.6
-23.75°	0.0	0.9	1.8	3.1	4.5	5.6	6.5	7.6	9.0	10.1	10.6
-25°	0.0	0.9	1.8	3.1	4.4	5.5	6.4	7.5	8.9	10.1	10.5
-26.25°	0.0	0.9	1.8	3.0	4.4	5.5	6.4	7.4	8.8	10.0	10.5
-27.5°	0.0	0.9	1.8	3.0	4.3	5.4	6.3	7.3	8.6	10.0	10.4
-28.75°	0.0	0.9	1.8	2.9	4.3	5.4	6.3	7.2	8.5	9.8	10.4
-30°	0.0	0.9	1.7	2.9	4.2	5.3	6.2	7.1	8.4	9.7	10.3
-31.25°	0.0	0.9	1.7	2.8	4.1	5.3	6.1	7.0	8.2	9.5	10.3
-32.5°	0.0	0.8	1.7	2.8	4.1	5.2	6.1	6.9	8.1	9.4	10.2
-33.75°	0.0	0.8	1.7	2.7	4.0	5.2	6.0	6.8	8.0	9.2	10.1
-35°	0.0	0.8	1.6	2.7	3.9	5.1	5.9	6.7	7.8	9.0	10.1
-36.25°	0.0	0.8	1.6	2.6	3.8	5.0	5.8	6.6	7.7	8.9	10.0
-37.5°	0.0	0.8	1.6	2.6	3.8	4.9	5.8	6.5	7.5	8.7	9.9
-38.75°	0.0	0.8	1.6	2.5	3.7	4.8	5.7	6.5	7.3	8.5	9.7
-40°	0.0	0.8	1.5	2.4	3.6	4.7	5.6	6.4	7.2	8.3	9.5
-41.25°	0.0	0.8	1.5	2.4	3.5	4.6	5.5	6.3	7.0	8.1	9.2
-42.5°	0.0	0.7	1.5	2.3	3.4	4.5	5.4	6.2	6.9	7.9	9.0
-43.75°	0.0	0.7	1.4	2.2	3.3	4.4	5.3	6.0	6.8	7.7	8.8
-45°	0.0	0.7	1.4	2.2	3.2	4.3	5.2	5.9	6.6	7.5	8.6
-46.25°	0.0	0.7	1.4	2.1	3.1	4.2	5.1	5.8	6.5	7.3	8.3
-47.5°	0.0	0.7	1.4	2.0	3.1	4.1	5.0	5.7	6.4	7.1	8.1
-48.75°	0.0	0.7	1.3	2.0	3.0	3.9	4.9	5.6	6.3	6.9	7.8
-50°	0.0	0.6	1.3	1.9	2.9	3.8	4.8	5.5	6.1	6.8	7.6
-51.25°	0.0	0.6	1.3	1.9	2.8	3.7	4.6	5.4	6.0	6.6	7.3
-52.5°	0.0	0.6	1.2	1.8	2.6	3.6	4.5	5.3	5.9	6.5	7.1
-53.75°	0.0	0.6	1.2	1.8	2.5	3.4	4.3	5.1	5.7	6.3	6.9
-55°	0.0	0.6	1.1	1.7	2.4	3.3	4.2	5.0	5.6	6.1	6.7
-56.25°	0.0	0.6	1.1	1.7	2.3	3.2	4.0	4.8	5.4	6.0	6.5
-57.5°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.3	5.8	6.3
-58.75°	0.0	0.5	1.0	1.6	2.1	2.9	3.7	4.4	5.1	5.6	6.2
-60°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.2	5.0	5.5	6.0
-61.25°	0.0	0.5	1.0	1.4	1.9	2.6	3.3	4.0	4.7	5.3	5.8
-62.5°	0.0	0.5	0.9	1.4	1.8	2.5	3.1	3.8	4.5	5.1	5.6
-63.75°	0.0	0.4	0.9	1.3	1.8	2.3	3.0	3.6	4.3	4.9	5.4
-65°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.4	4.1	4.7	5.2
-66.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.6	3.2	3.8	4.4	5.0
-67.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	3.0	3.6	4.1	4.7
-68.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.8	3.3	3.9	4.4
-70°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.1	3.6	4.1
-71.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
-72.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	3.5
-73.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.8	3.2
-75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
-76.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
82.5°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.8	3.0
81.25°	1.7	1.8	2.0	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
80°	1.9	2.1	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.3
78.75°	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	4.9
77.5°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.4
76.25°	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2	5.4	5.6	5.8
75°	3.2	3.6	4.0	4.4	4.7	5.1	5.3	5.5	5.8	6.0	6.3
73.75°	3.6	4.0	4.4	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
72.5°	3.9	4.4	4.8	5.2	5.4	5.7	6.0	6.3	6.6	6.8	7.2
71.25°	4.3	4.7	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.8
70°	4.6	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.5	8.0	8.4
68.75°	4.9	5.3	5.7	6.0	6.4	6.7	7.1	7.6	8.1	8.6	9.1
67.5°	5.2	5.5	5.9	6.3	6.7	7.0	7.6	8.1	8.6	9.2	9.7
66.25°	5.4	5.8	6.2	6.6	7.0	7.5	8.1	8.6	9.2	9.8	10.1
65°	5.6	6.0	6.4	6.8	7.4	8.0	8.6	9.2	9.8	10.1	10.3
63.75°	5.8	6.3	6.7	7.2	7.8	8.4	9.1	9.7	10.1	10.3	10.5
62.5°	6.0	6.5	6.9	7.6	8.2	8.9	9.6	10.1	10.3	10.5	10.7
61.25°	6.3	6.7	7.3	8.0	8.7	9.4	10.0	10.2	10.5	10.7	10.9
60°	6.5	6.9	7.7	8.4	9.1	9.8	10.2	10.4	10.6	10.9	11.2
58.75°	6.7	7.3	8.0	8.8	9.5	10.1	10.3	10.6	10.8	11.1	11.6
57.5°	6.9	7.6	8.4	9.2	9.9	10.2	10.5	10.7	11.0	11.5	12.0
56.25°	7.1	7.9	8.7	9.5	10.1	10.4	10.6	10.9	11.3	11.9	12.4
55°	7.4	8.2	9.1	9.9	10.2	10.5	10.8	11.1	11.7	12.2	12.8
53.75°	7.7	8.6	9.4	10.1	10.4	10.7	11.0	11.5	12.0	12.6	13.1
52.5°	8.0	8.9	9.8	10.2	10.5	10.8	11.2	11.8	12.4	12.9	13.2
51.25°	8.3	9.2	10.0	10.3	10.6	10.9	11.5	12.1	12.7	13.1	13.4
50°	8.5	9.5	10.1	10.5	10.8	11.2	11.8	12.4	13.0	13.3	13.6
48.75°	8.8	9.8	10.3	10.6	10.9	11.4	12.1	12.7	13.2	13.5	13.8
47.5°	9.1	10.0	10.4	10.7	11.0	11.7	12.3	13.0	13.3	13.6	14.0
46.25°	9.4	10.1	10.5	10.8	11.3	11.9	12.6	13.1	13.5	13.8	14.4
45°	9.6	10.2	10.6	10.9	11.5	12.2	12.9	13.3	13.6	14.0	14.9
43.75°	9.9	10.3	10.7	11.0	11.7	12.4	13.1	13.4	13.8	14.3	15.4
42.5°	10.0	10.4	10.8	11.2	12.0	12.7	13.2	13.6	13.9	14.8	15.8
41.25°	10.1	10.5	10.9	11.5	12.2	12.9	13.3	13.7	14.2	15.2	16.3
40°	10.2	10.6	11.0	11.7	12.4	13.1	13.4	13.8	14.6	15.7	16.8
38.75°	10.3	10.7	11.1	11.9	12.6	13.2	13.6	13.9	15.0	16.1	17.2
37.5°	10.3	10.7	11.3	12.0	12.8	13.3	13.7	14.2	15.4	16.5	17.7
36.25°	10.4	10.8	11.4	12.2	13.0	13.4	13.8	14.6	15.7	16.9	18.1
35°	10.5	10.9	11.6	12.4	13.1	13.5	13.9	14.9	16.1	17.3	18.5



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	10.6	11.0	11.8	12.6	13.2	13.6	14.0	15.3	16.5	17.7	18.9
32.5°	10.6	11.1	11.9	12.8	13.3	13.7	14.4	15.6	16.8	18.1	19.3
31.25°	10.7	11.2	12.1	12.9	13.4	13.8	14.7	15.9	17.2	18.4	19.7
30°	10.8	11.4	12.2	13.0	13.5	13.9	15.0	16.2	17.5	18.8	20.0
28.75°	10.8	11.5	12.4	13.1	13.5	14.0	15.2	16.5	17.8	19.1	20.4
27.5°	10.9	11.6	12.5	13.2	13.6	14.2	15.5	16.8	18.1	19.4	20.7
26.25°	10.9	11.7	12.6	13.3	13.7	14.4	15.8	17.1	18.4	19.7	21.0
25°	11.0	11.9	12.8	13.3	13.8	14.7	16.0	17.4	18.7	20.0	21.4
23.75°	11.1	12.0	12.9	13.4	13.8	14.9	16.2	17.6	19.0	20.3	21.7
22.5°	11.1	12.1	13.0	13.5	13.9	15.1	16.5	17.8	19.2	20.6	21.9
21.25°	11.2	12.2	13.0	13.5	14.0	15.3	16.7	18.1	19.5	20.8	22.2
20°	11.3	12.3	13.1	13.6	14.1	15.5	16.9	18.3	19.7	21.1	22.5
18.75°	11.4	12.3	13.1	13.6	14.3	15.7	17.1	18.5	19.9	21.3	22.7
17.5°	11.5	12.4	13.2	13.7	14.4	15.8	17.3	18.7	20.1	21.5	22.9
16.25°	11.6	12.5	13.2	13.7	14.6	16.0	17.4	18.9	20.3	21.7	23.1
15°	11.6	12.6	13.3	13.8	14.7	16.1	17.6	19.0	20.5	21.9	23.2
13.75°	11.7	12.6	13.3	13.8	14.8	16.3	17.7	19.2	20.6	22.1	23.4
12.5°	11.7	12.7	13.3	13.8	14.9	16.4	17.9	19.3	20.8	22.2	23.5
11.25°	11.8	12.8	13.4	13.9	15.1	16.5	18.0	19.5	20.9	22.4	23.6
10°	11.8	12.8	13.4	13.9	15.1	16.6	18.1	19.6	21.0	22.5	23.7
8.75°	11.9	12.9	13.4	13.9	15.2	16.7	18.2	19.7	21.1	22.6	23.7
7.5°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.2	22.7	23.8
6.25°	11.9	12.9	13.5	14.0	15.4	16.9	18.3	19.8	21.3	22.8	23.9
5°	12.0	13.0	13.5	14.0	15.4	16.9	18.4	19.9	21.4	22.9	23.9
3.75°	12.0	13.0	13.5	14.0	15.5	16.9	18.4	19.9	21.4	22.9	24.0
2.5°	12.0	13.0	13.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.0
1.25°	12.0	13.0	13.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.0
0°	12.0	13.0	13.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.0
-1.25°	12.0	13.0	13.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.0
-2.5°	12.0	13.0	13.5	14.0	15.5	17.0	18.5	20.0	21.5	23.0	24.0
-3.75°	12.0	13.0	13.5	14.0	15.5	16.9	18.4	19.9	21.4	22.9	24.0
-5°	12.0	13.0	13.5	14.0	15.4	16.9	18.4	19.9	21.4	22.9	23.9
-6.25°	11.9	12.9	13.5	14.0	15.4	16.9	18.3	19.8	21.3	22.8	23.9
-7.5°	11.9	12.9	13.4	13.9	15.3	16.8	18.3	19.8	21.2	22.7	23.8
-8.75°	11.9	12.9	13.4	13.9	15.2	16.7	18.2	19.7	21.1	22.6	23.7
-10°	11.8	12.8	13.4	13.9	15.1	16.6	18.1	19.6	21.0	22.5	23.7
-11.25°	11.8	12.8	13.4	13.9	15.1	16.5	18.0	19.5	20.9	22.4	23.6
-12.5°	11.7	12.7	13.3	13.8	14.9	16.4	17.9	19.3	20.8	22.2	23.5
-13.75°	11.7	12.6	13.3	13.8	14.8	16.3	17.7	19.2	20.6	22.1	23.4
-15°	11.6	12.6	13.3	13.8	14.7	16.1	17.6	19.0	20.5	21.9	23.2
-16.25°	11.6	12.5	13.2	13.7	14.6	16.0	17.4	18.9	20.3	21.7	23.1
-17.5°	11.5	12.4	13.2	13.7	14.4	15.8	17.3	18.7	20.1	21.5	22.9
-18.75°	11.4	12.3	13.1	13.6	14.3	15.7	17.1	18.5	19.9	21.3	22.7
-20°	11.3	12.3	13.1	13.6	14.1	15.5	16.9	18.3	19.7	21.1	22.5
-21.25°	11.2	12.2	13.0	13.5	14.0	15.3	16.7	18.1	19.5	20.8	22.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	11.1	12.1	13.0	13.5	13.9	15.1	16.5	17.8	19.2	20.6	21.9
-23.75°	11.1	12.0	12.9	13.4	13.8	14.9	16.2	17.6	19.0	20.3	21.7
-25°	11.0	11.9	12.8	13.3	13.8	14.7	16.0	17.4	18.7	20.0	21.4
-26.25°	10.9	11.7	12.6	13.3	13.7	14.4	15.8	17.1	18.4	19.7	21.0
-27.5°	10.9	11.6	12.5	13.2	13.6	14.2	15.5	16.8	18.1	19.4	20.7
-28.75°	10.8	11.5	12.4	13.1	13.5	14.0	15.2	16.5	17.8	19.1	20.4
-30°	10.8	11.4	12.2	13.0	13.5	13.9	15.0	16.2	17.5	18.8	20.0
-31.25°	10.7	11.2	12.1	12.9	13.4	13.8	14.7	15.9	17.2	18.4	19.7
-32.5°	10.6	11.1	11.9	12.8	13.3	13.7	14.4	15.6	16.8	18.1	19.3
-33.75°	10.6	11.0	11.8	12.6	13.2	13.6	14.0	15.3	16.5	17.7	18.9
-35°	10.5	10.9	11.6	12.4	13.1	13.5	13.9	14.9	16.1	17.3	18.5
-36.25°	10.4	10.8	11.4	12.2	13.0	13.4	13.8	14.6	15.7	16.9	18.1
-37.5°	10.3	10.7	11.3	12.0	12.8	13.3	13.7	14.2	15.4	16.5	17.7
-38.75°	10.3	10.7	11.1	11.9	12.6	13.2	13.6	13.9	15.0	16.1	17.2
-40°	10.2	10.6	11.0	11.7	12.4	13.1	13.4	13.8	14.6	15.7	16.8
-41.25°	10.1	10.5	10.9	11.5	12.2	12.9	13.3	13.7	14.2	15.2	16.3
-42.5°	10.0	10.4	10.8	11.2	12.0	12.7	13.2	13.6	13.9	14.8	15.8
-43.75°	9.9	10.3	10.7	11.0	11.7	12.4	13.1	13.4	13.8	14.3	15.4
-45°	9.6	10.2	10.6	10.9	11.5	12.2	12.9	13.3	13.6	14.0	14.9
-46.25°	9.4	10.1	10.5	10.8	11.3	11.9	12.6	13.1	13.5	13.8	14.4
-47.5°	9.1	10.0	10.4	10.7	11.0	11.7	12.3	13.0	13.3	13.6	14.0
-48.75°	8.8	9.8	10.3	10.6	10.9	11.4	12.1	12.7	13.2	13.5	13.8
-50°	8.5	9.5	10.1	10.5	10.8	11.2	11.8	12.4	13.0	13.3	13.6
-51.25°	8.3	9.2	10.0	10.3	10.6	10.9	11.5	12.1	12.7	13.1	13.4
-52.5°	8.0	8.9	9.8	10.2	10.5	10.8	11.2	11.8	12.4	12.9	13.2
-53.75°	7.7	8.6	9.4	10.1	10.4	10.7	11.0	11.5	12.0	12.6	13.1
-55°	7.4	8.2	9.1	9.9	10.2	10.5	10.8	11.1	11.7	12.2	12.8
-56.25°	7.1	7.9	8.7	9.5	10.1	10.4	10.6	10.9	11.3	11.9	12.4
-57.5°	6.9	7.6	8.4	9.2	9.9	10.2	10.5	10.7	11.0	11.5	12.0
-58.75°	6.7	7.3	8.0	8.8	9.5	10.1	10.3	10.6	10.8	11.1	11.6
-60°	6.5	6.9	7.7	8.4	9.1	9.8	10.2	10.4	10.6	10.9	11.2
-61.25°	6.3	6.7	7.3	8.0	8.7	9.4	10.0	10.2	10.5	10.7	10.9
-62.5°	6.0	6.5	6.9	7.6	8.2	8.9	9.6	10.1	10.3	10.5	10.7
-63.75°	5.8	6.3	6.7	7.2	7.8	8.4	9.1	9.7	10.1	10.3	10.5
-65°	5.6	6.0	6.4	6.8	7.4	8.0	8.6	9.2	9.8	10.1	10.3
-66.25°	5.4	5.8	6.2	6.6	7.0	7.5	8.1	8.6	9.2	9.8	10.1
-67.5°	5.2	5.5	5.9	6.3	6.7	7.0	7.6	8.1	8.6	9.2	9.7
-68.75°	4.9	5.3	5.7	6.0	6.4	6.7	7.1	7.6	8.1	8.6	9.1
-70°	4.6	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.5	8.0	8.4
-71.25°	4.3	4.7	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.8
-72.5°	3.9	4.4	4.8	5.2	5.4	5.7	6.0	6.3	6.6	6.8	7.2
-73.75°	3.6	4.0	4.4	4.8	5.1	5.4	5.7	5.9	6.2	6.4	6.7
-75°	3.2	3.6	4.0	4.4	4.7	5.1	5.3	5.5	5.8	6.0	6.3
-76.25°	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.2	5.4	5.6	5.8
-77.5°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.4



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	2.2	2.5	2.8	3.0	3.3	3.6	3.9	4.1	4.4	4.7	4.9
-80°	1.9	2.1	2.3	2.6	2.8	3.1	3.3	3.6	3.8	4.1	4.3
-81.25°	1.7	1.8	2.0	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.6
-82.5°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.8	3.0
-83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3
-85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-88.75°	0.2	0.3	0.3	0.3	0.3	0.3	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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
85°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9
83.75°	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8
82.5°	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.8
81.25°	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.1	5.3	5.4	5.5
80°	4.5	4.7	5.0	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1
78.75°	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3	6.5	6.6	6.8
77.5°	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.3	7.6
76.25°	6.0	6.3	6.5	6.7	6.9	7.1	7.4	7.7	8.0	8.3	8.5
75°	6.5	6.7	6.9	7.3	7.6	7.9	8.2	8.6	8.9	9.2	9.5
73.75°	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.4	9.8	10.0	10.1
72.5°	7.6	8.0	8.4	8.8	9.2	9.5	9.9	10.1	10.2	10.3	10.5
71.25°	8.2	8.7	9.1	9.5	9.9	10.1	10.2	10.4	10.5	10.6	10.8
70°	8.9	9.4	9.8	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.2
68.75°	9.6	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.2	11.5	11.8
67.5°	10.1	10.2	10.4	10.6	10.7	10.9	11.1	11.5	11.8	12.1	12.4
66.25°	10.3	10.5	10.6	10.8	11.0	11.3	11.7	12.0	12.4	12.7	13.0
65°	10.5	10.7	10.9	11.1	11.5	11.9	12.2	12.6	12.9	13.1	13.3
63.75°	10.7	10.9	11.2	11.6	12.0	12.4	12.8	13.1	13.2	13.4	13.6
62.5°	10.9	11.3	11.7	12.1	12.5	12.9	13.1	13.3	13.5	13.7	13.9
61.25°	11.3	11.7	12.1	12.6	13.0	13.2	13.4	13.6	13.8	14.0	14.6
60°	11.7	12.1	12.6	13.0	13.2	13.5	13.7	13.9	14.3	14.9	15.5
58.75°	12.1	12.6	13.0	13.2	13.5	13.7	13.9	14.4	15.1	15.7	16.4
57.5°	12.5	13.0	13.2	13.5	13.7	13.9	14.5	15.2	15.9	16.6	17.2
56.25°	12.9	13.2	13.5	13.7	13.9	14.6	15.3	16.0	16.7	17.4	18.1
55°	13.1	13.4	13.7	13.9	14.5	15.3	16.0	16.8	17.5	18.2	19.0
53.75°	13.3	13.6	13.9	14.4	15.2	16.0	16.8	17.6	18.3	19.1	19.8
52.5°	13.5	13.8	14.3	15.1	15.9	16.7	17.5	18.3	19.1	19.9	20.6
51.25°	13.7	14.0	14.9	15.7	16.6	17.4	18.2	19.1	19.9	20.7	21.5
50°	13.9	14.6	15.5	16.4	17.2	18.1	19.0	19.8	20.6	21.5	22.3
48.75°	14.3	15.2	16.1	17.0	17.9	18.8	19.7	20.5	21.4	22.2	23.1
47.5°	14.8	15.8	16.7	17.6	18.5	19.5	20.4	21.3	22.1	23.0	23.6
46.25°	15.3	16.3	17.3	18.2	19.2	20.1	21.0	22.0	22.9	23.5	24.1
45°	15.9	16.9	17.8	18.8	19.8	20.8	21.7	22.7	23.4	24.0	24.6
43.75°	16.4	17.4	18.4	19.4	20.4	21.4	22.4	23.2	23.9	24.5	25.1
42.5°	16.9	17.9	19.0	20.0	21.0	22.0	23.0	23.7	24.3	25.0	25.6
41.25°	17.4	18.4	19.5	20.5	21.6	22.6	23.4	24.1	24.8	25.5	26.1
40°	17.9	18.9	20.0	21.1	22.2	23.2	23.9	24.5	25.2	25.9	26.6
38.75°	18.3	19.4	20.5	21.6	22.7	23.5	24.3	25.0	25.7	26.4	27.0
37.5°	18.8	19.9	21.0	22.2	23.2	23.9	24.7	25.4	26.1	26.8	27.3
36.25°	19.2	20.4	21.5	22.7	23.5	24.3	25.0	25.8	26.5	27.1	27.5
35°	19.7	20.8	22.0	23.1	23.9	24.7	25.4	26.2	26.9	27.3	27.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	20.1	21.3	22.5	23.4	24.2	25.0	25.8	26.6	27.2	27.5	27.9
32.5°	20.5	21.7	22.9	23.8	24.6	25.4	26.1	26.9	27.4	27.7	28.1
31.25°	20.9	22.1	23.2	24.1	24.9	25.7	26.5	27.1	27.5	27.9	28.3
30°	21.3	22.5	23.5	24.4	25.2	26.0	26.8	27.3	27.7	28.1	28.5
28.75°	21.7	22.9	23.8	24.6	25.5	26.3	27.1	27.5	27.9	28.3	28.7
27.5°	22.0	23.2	24.1	24.9	25.8	26.6	27.2	27.7	28.1	28.5	28.9
26.25°	22.4	23.4	24.3	25.2	26.0	26.9	27.4	27.8	28.2	28.7	29.1
25°	22.7	23.7	24.6	25.4	26.3	27.1	27.5	28.0	28.4	28.8	29.3
23.75°	23.0	23.9	24.8	25.7	26.6	27.2	27.7	28.1	28.5	29.0	29.4
22.5°	23.2	24.1	25.0	25.9	26.8	27.4	27.8	28.2	28.7	29.1	29.6
21.25°	23.4	24.3	25.2	26.1	27.0	27.5	27.9	28.4	28.8	29.3	29.7
20°	23.6	24.5	25.4	26.3	27.1	27.6	28.0	28.5	29.0	29.4	29.9
18.75°	23.7	24.7	25.6	26.5	27.2	27.7	28.2	28.6	29.1	29.5	30.0
17.5°	23.9	24.8	25.8	26.7	27.3	27.8	28.3	28.7	29.2	29.7	30.1
16.25°	24.1	25.0	25.9	26.9	27.4	27.9	28.4	28.8	29.3	29.8	30.2
15°	24.2	25.1	26.1	27.0	27.5	28.0	28.5	28.9	29.4	29.9	30.4
13.75°	24.3	25.3	26.2	27.1	27.6	28.1	28.5	29.0	29.5	30.0	30.5
12.5°	24.4	25.4	26.4	27.2	27.7	28.1	28.6	29.1	29.6	30.1	30.5
11.25°	24.5	25.5	26.5	27.2	27.7	28.2	28.7	29.2	29.7	30.1	30.6
10°	24.6	25.6	26.6	27.3	27.8	28.3	28.8	29.2	29.7	30.2	30.7
8.75°	24.7	25.7	26.7	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8
7.5°	24.8	25.8	26.8	27.4	27.9	28.4	28.9	29.4	29.8	30.3	30.8
6.25°	24.9	25.9	26.8	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9
5°	24.9	25.9	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9
3.75°	24.9	25.9	26.9	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
2.5°	25.0	26.0	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
1.25°	25.0	26.0	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
0°	25.0	26.0	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
-1.25°	25.0	26.0	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
-2.5°	25.0	26.0	27.0	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
-3.75°	24.9	25.9	26.9	27.5	28.0	28.5	29.0	29.5	30.0	30.5	31.0
-5°	24.9	25.9	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9
-6.25°	24.9	25.9	26.8	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9
-7.5°	24.8	25.8	26.8	27.4	27.9	28.4	28.9	29.4	29.8	30.3	30.8
-8.75°	24.7	25.7	26.7	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8
-10°	24.6	25.6	26.6	27.3	27.8	28.3	28.8	29.2	29.7	30.2	30.7
-11.25°	24.5	25.5	26.5	27.2	27.7	28.2	28.7	29.2	29.7	30.1	30.6
-12.5°	24.4	25.4	26.4	27.2	27.7	28.1	28.6	29.1	29.6	30.1	30.5
-13.75°	24.3	25.3	26.2	27.1	27.6	28.1	28.5	29.0	29.5	30.0	30.5
-15°	24.2	25.1	26.1	27.0	27.5	28.0	28.5	28.9	29.4	29.9	30.4
-16.25°	24.1	25.0	25.9	26.9	27.4	27.9	28.4	28.8	29.3	29.8	30.2
-17.5°	23.9	24.8	25.8	26.7	27.3	27.8	28.3	28.7	29.2	29.7	30.1
-18.75°	23.7	24.7	25.6	26.5	27.2	27.7	28.2	28.6	29.1	29.5	30.0
-20°	23.6	24.5	25.4	26.3	27.1	27.6	28.0	28.5	29.0	29.4	29.9
-21.25°	23.4	24.3	25.2	26.1	27.0	27.5	27.9	28.4	28.8	29.3	29.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	23.2	24.1	25.0	25.9	26.8	27.4	27.8	28.2	28.7	29.1	29.6
-23.75°	23.0	23.9	24.8	25.7	26.6	27.2	27.7	28.1	28.5	29.0	29.4
-25°	22.7	23.7	24.6	25.4	26.3	27.1	27.5	28.0	28.4	28.8	29.3
-26.25°	22.4	23.4	24.3	25.2	26.0	26.9	27.4	27.8	28.2	28.7	29.1
-27.5°	22.0	23.2	24.1	24.9	25.8	26.6	27.2	27.7	28.1	28.5	28.9
-28.75°	21.7	22.9	23.8	24.6	25.5	26.3	27.1	27.5	27.9	28.3	28.7
-30°	21.3	22.5	23.5	24.4	25.2	26.0	26.8	27.3	27.7	28.1	28.5
-31.25°	20.9	22.1	23.2	24.1	24.9	25.7	26.5	27.1	27.5	27.9	28.3
-32.5°	20.5	21.7	22.9	23.8	24.6	25.4	26.1	26.9	27.4	27.7	28.1
-33.75°	20.1	21.3	22.5	23.4	24.2	25.0	25.8	26.6	27.2	27.5	27.9
-35°	19.7	20.8	22.0	23.1	23.9	24.7	25.4	26.2	26.9	27.3	27.7
-36.25°	19.2	20.4	21.5	22.7	23.5	24.3	25.0	25.8	26.5	27.1	27.5
-37.5°	18.8	19.9	21.0	22.2	23.2	23.9	24.7	25.4	26.1	26.8	27.3
-38.75°	18.3	19.4	20.5	21.6	22.7	23.5	24.3	25.0	25.7	26.4	27.0
-40°	17.9	18.9	20.0	21.1	22.2	23.2	23.9	24.5	25.2	25.9	26.6
-41.25°	17.4	18.4	19.5	20.5	21.6	22.6	23.4	24.1	24.8	25.5	26.1
-42.5°	16.9	17.9	19.0	20.0	21.0	22.0	23.0	23.7	24.3	25.0	25.6
-43.75°	16.4	17.4	18.4	19.4	20.4	21.4	22.4	23.2	23.9	24.5	25.1
-45°	15.9	16.9	17.8	18.8	19.8	20.8	21.7	22.7	23.4	24.0	24.6
-46.25°	15.3	16.3	17.3	18.2	19.2	20.1	21.0	22.0	22.9	23.5	24.1
-47.5°	14.8	15.8	16.7	17.6	18.5	19.5	20.4	21.3	22.1	23.0	23.6
-48.75°	14.3	15.2	16.1	17.0	17.9	18.8	19.7	20.5	21.4	22.2	23.1
-50°	13.9	14.6	15.5	16.4	17.2	18.1	19.0	19.8	20.6	21.5	22.3
-51.25°	13.7	14.0	14.9	15.7	16.6	17.4	18.2	19.1	19.9	20.7	21.5
-52.5°	13.5	13.8	14.3	15.1	15.9	16.7	17.5	18.3	19.1	19.9	20.6
-53.75°	13.3	13.6	13.9	14.4	15.2	16.0	16.8	17.6	18.3	19.1	19.8
-55°	13.1	13.4	13.7	13.9	14.5	15.3	16.0	16.8	17.5	18.2	19.0
-56.25°	12.9	13.2	13.5	13.7	13.9	14.6	15.3	16.0	16.7	17.4	18.1
-57.5°	12.5	13.0	13.2	13.5	13.7	13.9	14.5	15.2	15.9	16.6	17.2
-58.75°	12.1	12.6	13.0	13.2	13.5	13.7	13.9	14.4	15.1	15.7	16.4
-60°	11.7	12.1	12.6	13.0	13.2	13.5	13.7	13.9	14.3	14.9	15.5
-61.25°	11.3	11.7	12.1	12.6	13.0	13.2	13.4	13.6	13.8	14.0	14.6
-62.5°	10.9	11.3	11.7	12.1	12.5	12.9	13.1	13.3	13.5	13.7	13.9
-63.75°	10.7	10.9	11.2	11.6	12.0	12.4	12.8	13.1	13.2	13.4	13.6
-65°	10.5	10.7	10.9	11.1	11.5	11.9	12.2	12.6	12.9	13.1	13.3
-66.25°	10.3	10.5	10.6	10.8	11.0	11.3	11.7	12.0	12.4	12.7	13.0
-67.5°	10.1	10.2	10.4	10.6	10.7	10.9	11.1	11.5	11.8	12.1	12.4
-68.75°	9.6	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.2	11.5	11.8
-70°	8.9	9.4	9.8	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.2
-71.25°	8.2	8.7	9.1	9.5	9.9	10.1	10.2	10.4	10.5	10.6	10.8
-72.5°	7.6	8.0	8.4	8.8	9.2	9.5	9.9	10.1	10.2	10.3	10.5
-73.75°	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.4	9.8	10.0	10.1
-75°	6.5	6.7	6.9	7.3	7.6	7.9	8.2	8.6	8.9	9.2	9.5
-76.25°	6.0	6.3	6.5	6.7	6.9	7.1	7.4	7.7	8.0	8.3	8.5
-77.5°	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.3	7.6



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3	6.5	6.6	6.8
-80°	4.5	4.7	5.0	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1
-81.25°	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.1	5.3	5.4	5.5
-82.5°	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.6	4.8
-83.75°	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8
-85°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.8	2.9
-86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
86.25°	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6
85°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
83.75°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
82.5°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8
81.25°	5.6	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.5	6.6
80°	6.3	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.5	7.7
78.75°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9
77.5°	7.8	8.1	8.3	8.6	8.8	9.0	9.2	9.5	9.7	9.9	10.0
76.25°	8.8	9.1	9.4	9.6	9.9	10.0	10.1	10.2	10.3	10.3	10.4
75°	9.8	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
73.75°	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.3	11.4
72.5°	10.6	10.7	10.8	10.9	11.0	11.2	11.5	11.7	11.9	12.0	12.2
71.25°	10.9	11.0	11.3	11.5	11.7	12.0	12.2	12.4	12.6	12.8	13.0
70°	11.4	11.7	11.9	12.2	12.4	12.7	12.9	13.1	13.2	13.3	13.4
68.75°	12.1	12.3	12.6	12.9	13.1	13.2	13.3	13.4	13.6	13.7	13.8
67.5°	12.7	13.0	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.2	14.6
66.25°	13.2	13.3	13.5	13.6	13.8	13.9	14.2	14.6	15.0	15.4	15.7
65°	13.5	13.6	13.8	14.0	14.3	14.8	15.2	15.7	16.1	16.5	16.9
63.75°	13.8	14.0	14.4	14.9	15.4	15.8	16.3	16.8	17.2	17.7	18.1
62.5°	14.3	14.8	15.3	15.9	16.4	16.9	17.4	17.9	18.3	18.8	19.2
61.25°	15.2	15.8	16.3	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4
60°	16.1	16.7	17.3	17.8	18.4	19.0	19.5	20.0	20.5	21.0	21.5
58.75°	17.0	17.6	18.2	18.8	19.4	20.0	20.5	21.1	21.6	22.2	22.7
57.5°	17.9	18.5	19.2	19.8	20.4	21.0	21.6	22.2	22.7	23.2	23.5
56.25°	18.8	19.5	20.1	20.8	21.4	22.0	22.6	23.2	23.5	23.9	24.3
55°	19.7	20.4	21.0	21.7	22.4	23.0	23.4	23.9	24.3	24.7	25.0
53.75°	20.5	21.3	22.0	22.7	23.2	23.7	24.1	24.5	25.0	25.4	25.8
52.5°	21.4	22.1	22.9	23.4	23.9	24.3	24.8	25.2	25.7	26.1	26.5
51.25°	22.2	23.0	23.5	24.0	24.5	25.0	25.5	25.9	26.4	26.8	27.1
50°	23.1	23.6	24.1	24.6	25.1	25.6	26.1	26.6	27.0	27.3	27.5
48.75°	23.6	24.2	24.7	25.2	25.8	26.3	26.8	27.1	27.4	27.6	27.8
47.5°	24.2	24.7	25.3	25.8	26.4	26.9	27.2	27.5	27.7	28.0	28.2
46.25°	24.7	25.3	25.9	26.4	27.0	27.3	27.5	27.8	28.1	28.3	28.6
45°	25.2	25.8	26.4	27.0	27.3	27.6	27.8	28.1	28.4	28.6	28.9
43.75°	25.8	26.4	27.0	27.3	27.6	27.9	28.2	28.4	28.7	29.0	29.3
42.5°	26.3	26.9	27.3	27.6	27.9	28.2	28.5	28.8	29.0	29.3	29.6
41.25°	26.8	27.2	27.5	27.8	28.2	28.5	28.8	29.1	29.4	29.6	29.9
40°	27.1	27.5	27.8	28.1	28.4	28.8	29.1	29.4	29.7	30.0	30.3
38.75°	27.4	27.7	28.1	28.4	28.7	29.0	29.4	29.7	30.0	30.3	30.6
37.5°	27.6	28.0	28.3	28.6	29.0	29.3	29.6	30.0	30.3	30.6	30.9
36.25°	27.8	28.2	28.6	28.9	29.3	29.6	29.9	30.3	30.6	30.9	31.2
35°	28.1	28.4	28.8	29.2	29.5	29.9	30.2	30.5	30.9	31.2	31.5



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	28.3	28.7	29.0	29.4	29.8	30.1	30.5	30.8	31.2	31.5	31.8
32.5°	28.5	28.9	29.3	29.6	30.0	30.4	30.7	31.1	31.5	31.8	32.3
31.25°	28.7	29.1	29.5	29.9	30.3	30.6	31.0	31.4	31.7	32.2	32.9
30°	28.9	29.3	29.7	30.1	30.5	30.9	31.3	31.6	32.0	32.7	33.4
28.75°	29.1	29.5	29.9	30.3	30.7	31.1	31.5	31.9	32.5	33.3	34.0
27.5°	29.3	29.7	30.1	30.5	30.9	31.3	31.7	32.2	33.0	33.8	34.3
26.25°	29.5	29.9	30.3	30.7	31.2	31.6	32.0	32.7	33.5	34.1	34.5
25°	29.7	30.1	30.5	30.9	31.4	31.8	32.4	33.2	34.0	34.4	34.8
23.75°	29.8	30.3	30.7	31.1	31.6	32.0	32.8	33.6	34.2	34.6	35.0
22.5°	30.0	30.4	30.9	31.3	31.7	32.3	33.2	34.0	34.4	34.9	35.3
21.25°	30.2	30.6	31.1	31.5	31.9	32.7	33.6	34.2	34.6	35.1	35.5
20°	30.3	30.8	31.2	31.7	32.2	33.1	34.0	34.4	34.9	35.3	35.7
18.75°	30.5	30.9	31.4	31.8	32.5	33.4	34.2	34.6	35.0	35.5	35.9
17.5°	30.6	31.0	31.5	32.0	32.8	33.7	34.3	34.8	35.2	35.7	36.2
16.25°	30.7	31.2	31.6	32.2	33.1	34.0	34.5	34.9	35.4	35.8	36.6
15°	30.8	31.3	31.8	32.5	33.4	34.2	34.6	35.1	35.6	36.0	36.9
13.75°	30.9	31.4	31.9	32.7	33.6	34.3	34.8	35.2	35.7	36.3	37.3
12.5°	31.0	31.5	32.0	32.9	33.9	34.4	34.9	35.4	35.8	36.6	37.5
11.25°	31.1	31.6	32.2	33.1	34.0	34.5	35.0	35.5	36.0	36.9	37.8
10°	31.2	31.7	32.3	33.3	34.1	34.6	35.1	35.6	36.1	37.1	38.4
8.75°	31.3	31.8	32.5	33.5	34.2	34.7	35.2	35.7	36.3	37.3	39.8
7.5°	31.3	31.8	32.6	33.6	34.3	34.8	35.3	35.8	36.5	37.5	41.1
6.25°	31.4	31.9	32.7	33.7	34.4	34.9	35.3	35.8	36.7	37.6	42.1
5°	31.4	31.9	32.8	33.8	34.4	34.9	35.4	35.9	36.8	37.8	43.0
3.75°	31.5	32.0	32.9	33.9	34.4	34.9	35.4	35.9	36.9	37.9	43.6
2.5°	31.5	32.0	33.0	34.0	34.5	35.0	35.5	36.0	36.9	37.9	44.1
1.25°	31.5	32.0	33.0	34.0	34.5	35.0	35.5	36.0	37.0	38.0	44.4
0°	31.5	32.0	33.0	34.0	34.5	35.0	35.5	36.0	37.0	38.0	44.5
-1.25°	31.5	32.0	33.0	34.0	34.5	35.0	35.5	36.0	37.0	38.0	44.4
-2.5°	31.5	32.0	33.0	34.0	34.5	35.0	35.5	36.0	36.9	37.9	44.1
-3.75°	31.5	32.0	32.9	33.9	34.4	34.9	35.4	35.9	36.9	37.9	43.6
-5°	31.4	31.9	32.8	33.8	34.4	34.9	35.4	35.9	36.8	37.8	43.0
-6.25°	31.4	31.9	32.7	33.7	34.4	34.9	35.3	35.8	36.7	37.6	42.1
-7.5°	31.3	31.8	32.6	33.6	34.3	34.8	35.3	35.8	36.5	37.5	41.1
-8.75°	31.3	31.8	32.5	33.5	34.2	34.7	35.2	35.7	36.3	37.3	39.8
-10°	31.2	31.7	32.3	33.3	34.1	34.6	35.1	35.6	36.1	37.1	38.4
-11.25°	31.1	31.6	32.2	33.1	34.0	34.5	35.0	35.5	36.0	36.9	37.8
-12.5°	31.0	31.5	32.0	32.9	33.9	34.4	34.9	35.4	35.8	36.6	37.5
-13.75°	30.9	31.4	31.9	32.7	33.6	34.3	34.8	35.2	35.7	36.3	37.3
-15°	30.8	31.3	31.8	32.5	33.4	34.2	34.6	35.1	35.6	36.0	36.9
-16.25°	30.7	31.2	31.6	32.2	33.1	34.0	34.5	34.9	35.4	35.8	36.6
-17.5°	30.6	31.0	31.5	32.0	32.8	33.7	34.3	34.8	35.2	35.7	36.2
-18.75°	30.5	30.9	31.4	31.8	32.5	33.4	34.2	34.6	35.0	35.5	35.9
-20°	30.3	30.8	31.2	31.7	32.2	33.1	34.0	34.4	34.9	35.3	35.7
-21.25°	30.2	30.6	31.1	31.5	31.9	32.7	33.6	34.2	34.6	35.1	35.5



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	30.0	30.4	30.9	31.3	31.7	32.3	33.2	34.0	34.4	34.9	35.3
-23.75°	29.8	30.3	30.7	31.1	31.6	32.0	32.8	33.6	34.2	34.6	35.0
-25°	29.7	30.1	30.5	30.9	31.4	31.8	32.4	33.2	34.0	34.4	34.8
-26.25°	29.5	29.9	30.3	30.7	31.2	31.6	32.0	32.7	33.5	34.1	34.5
-27.5°	29.3	29.7	30.1	30.5	30.9	31.3	31.7	32.2	33.0	33.8	34.3
-28.75°	29.1	29.5	29.9	30.3	30.7	31.1	31.5	31.9	32.5	33.3	34.0
-30°	28.9	29.3	29.7	30.1	30.5	30.9	31.3	31.6	32.0	32.7	33.4
-31.25°	28.7	29.1	29.5	29.9	30.3	30.6	31.0	31.4	31.7	32.2	32.9
-32.5°	28.5	28.9	29.3	29.6	30.0	30.4	30.7	31.1	31.5	31.8	32.3
-33.75°	28.3	28.7	29.0	29.4	29.8	30.1	30.5	30.8	31.2	31.5	31.8
-35°	28.1	28.4	28.8	29.2	29.5	29.9	30.2	30.5	30.9	31.2	31.5
-36.25°	27.8	28.2	28.6	28.9	29.3	29.6	29.9	30.3	30.6	30.9	31.2
-37.5°	27.6	28.0	28.3	28.6	29.0	29.3	29.6	30.0	30.3	30.6	30.9
-38.75°	27.4	27.7	28.1	28.4	28.7	29.0	29.4	29.7	30.0	30.3	30.6
-40°	27.1	27.5	27.8	28.1	28.4	28.8	29.1	29.4	29.7	30.0	30.3
-41.25°	26.8	27.2	27.5	27.8	28.2	28.5	28.8	29.1	29.4	29.6	29.9
-42.5°	26.3	26.9	27.3	27.6	27.9	28.2	28.5	28.8	29.0	29.3	29.6
-43.75°	25.8	26.4	27.0	27.3	27.6	27.9	28.2	28.4	28.7	29.0	29.3
-45°	25.2	25.8	26.4	27.0	27.3	27.6	27.8	28.1	28.4	28.6	28.9
-46.25°	24.7	25.3	25.9	26.4	27.0	27.3	27.5	27.8	28.1	28.3	28.6
-47.5°	24.2	24.7	25.3	25.8	26.4	26.9	27.2	27.5	27.7	28.0	28.2
-48.75°	23.6	24.2	24.7	25.2	25.8	26.3	26.8	27.1	27.4	27.6	27.8
-50°	23.1	23.6	24.1	24.6	25.1	25.6	26.1	26.6	27.0	27.3	27.5
-51.25°	22.2	23.0	23.5	24.0	24.5	25.0	25.5	25.9	26.4	26.8	27.1
-52.5°	21.4	22.1	22.9	23.4	23.9	24.3	24.8	25.2	25.7	26.1	26.5
-53.75°	20.5	21.3	22.0	22.7	23.2	23.7	24.1	24.5	25.0	25.4	25.8
-55°	19.7	20.4	21.0	21.7	22.4	23.0	23.4	23.9	24.3	24.7	25.0
-56.25°	18.8	19.5	20.1	20.8	21.4	22.0	22.6	23.2	23.5	23.9	24.3
-57.5°	17.9	18.5	19.2	19.8	20.4	21.0	21.6	22.2	22.7	23.2	23.5
-58.75°	17.0	17.6	18.2	18.8	19.4	20.0	20.5	21.1	21.6	22.2	22.7
-60°	16.1	16.7	17.3	17.8	18.4	19.0	19.5	20.0	20.5	21.0	21.5
-61.25°	15.2	15.8	16.3	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4
-62.5°	14.3	14.8	15.3	15.9	16.4	16.9	17.4	17.9	18.3	18.8	19.2
-63.75°	13.8	14.0	14.4	14.9	15.4	15.8	16.3	16.8	17.2	17.7	18.1
-65°	13.5	13.6	13.8	14.0	14.3	14.8	15.2	15.7	16.1	16.5	16.9
-66.25°	13.2	13.3	13.5	13.6	13.8	13.9	14.2	14.6	15.0	15.4	15.7
-67.5°	12.7	13.0	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.2	14.6
-68.75°	12.1	12.3	12.6	12.9	13.1	13.2	13.3	13.4	13.6	13.7	13.8
-70°	11.4	11.7	11.9	12.2	12.4	12.7	12.9	13.1	13.2	13.3	13.4
-71.25°	10.9	11.0	11.3	11.5	11.7	12.0	12.2	12.4	12.6	12.8	13.0
-72.5°	10.6	10.7	10.8	10.9	11.0	11.2	11.5	11.7	11.9	12.0	12.2
-73.75°	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.3	11.4
-75°	9.8	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
-76.25°	8.8	9.1	9.4	9.6	9.9	10.0	10.1	10.2	10.3	10.3	10.4
-77.5°	7.8	8.1	8.3	8.6	8.8	9.0	9.2	9.5	9.7	9.9	10.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9
-80°	6.3	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.5	7.7
-81.25°	5.6	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.5	6.6
-82.5°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8
-83.75°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
-85°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-86.25°	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6
-87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
86.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2
85°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
83.75°	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6
82.5°	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5
81.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7
80°	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0	9.1
78.75°	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.0	10.1	10.1	10.2
77.5°	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.6	10.6
76.25°	10.5	10.6	10.6	10.7	10.8	10.8	10.9	10.9	11.0	11.1	11.1
75°	10.9	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.9	12.0	12.1
73.75°	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.6	12.8	12.9	13.0
72.5°	12.4	12.6	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4	13.5
71.25°	13.1	13.2	13.3	13.4	13.5	13.5	13.6	13.7	13.8	13.8	13.9
70°	13.5	13.6	13.7	13.8	13.9	14.0	14.2	14.4	14.7	14.9	15.1
68.75°	13.9	14.0	14.4	14.7	15.0	15.2	15.5	15.8	16.0	16.2	16.5
67.5°	14.9	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.6	17.8
66.25°	16.1	16.5	16.8	17.2	17.5	17.8	18.1	18.4	18.7	19.0	19.2
65°	17.3	17.7	18.1	18.4	18.8	19.1	19.4	19.7	20.0	20.3	20.6
63.75°	18.5	18.9	19.3	19.7	20.0	20.4	20.7	21.0	21.4	21.7	21.9
62.5°	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.7	23.0	23.2
61.25°	20.8	21.3	21.7	22.1	22.5	22.9	23.2	23.4	23.7	23.9	24.1
60°	22.0	22.5	22.9	23.2	23.5	23.8	24.1	24.3	24.6	24.8	25.0
58.75°	23.1	23.4	23.8	24.1	24.4	24.6	24.9	25.2	25.4	25.7	25.9
57.5°	23.9	24.2	24.6	24.9	25.2	25.5	25.8	26.0	26.3	26.6	26.8
56.25°	24.7	25.0	25.4	25.7	26.0	26.3	26.6	26.9	27.1	27.2	27.4
55°	25.4	25.8	26.1	26.5	26.8	27.1	27.2	27.4	27.5	27.7	27.8
53.75°	26.2	26.6	26.9	27.1	27.3	27.5	27.7	27.8	28.0	28.1	28.2
52.5°	26.9	27.2	27.4	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.7
51.25°	27.3	27.5	27.7	27.9	28.1	28.3	28.5	28.7	28.8	29.0	29.1
50°	27.7	27.9	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6
48.75°	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.5	29.7	29.8	30.0
47.5°	28.4	28.7	28.9	29.1	29.3	29.5	29.7	29.9	30.1	30.3	30.4
46.25°	28.8	29.0	29.3	29.5	29.7	29.9	30.1	30.3	30.5	30.7	30.9
45°	29.2	29.4	29.6	29.9	30.1	30.3	30.5	30.7	30.9	31.1	31.3
43.75°	29.5	29.8	30.0	30.3	30.5	30.7	30.9	31.2	31.4	31.6	31.7
42.5°	29.9	30.1	30.4	30.6	30.9	31.1	31.3	31.6	31.8	32.0	32.3
41.25°	30.2	30.5	30.7	31.0	31.3	31.5	31.7	32.0	32.4	32.8	33.2
40°	30.5	30.8	31.1	31.4	31.6	31.9	32.2	32.7	33.2	33.6	34.0
38.75°	30.9	31.2	31.5	31.7	32.0	32.5	33.0	33.5	34.0	34.2	34.4
37.5°	31.2	31.5	31.8	32.2	32.7	33.3	33.8	34.1	34.4	34.6	34.9
36.25°	31.5	31.8	32.3	32.9	33.4	34.0	34.3	34.5	34.8	35.0	35.3
35°	31.9	32.3	33.0	33.6	34.1	34.4	34.6	34.9	35.2	35.4	35.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	32.3	33.0	33.6	34.1	34.4	34.7	35.0	35.3	35.6	35.8	36.2
32.5°	33.0	33.6	34.1	34.5	34.8	35.1	35.4	35.7	35.9	36.4	36.9
31.25°	33.6	34.1	34.5	34.8	35.1	35.4	35.7	36.1	36.6	37.2	37.7
30°	34.1	34.4	34.8	35.1	35.4	35.8	36.2	36.8	37.4	37.9	41.3
28.75°	34.4	34.7	35.1	35.4	35.8	36.2	36.8	37.5	38.6	42.5	46.3
27.5°	34.6	35.0	35.4	35.7	36.2	36.8	37.5	39.1	43.2	47.3	51.6
26.25°	34.9	35.3	35.7	36.1	36.8	37.5	39.1	43.5	47.7	54.1	67.8
25°	35.2	35.6	35.9	36.6	37.4	38.6	43.2	47.7	55.0	69.5	83.7
23.75°	35.4	35.8	36.4	37.2	37.9	42.5	47.3	54.1	69.5	84.6	103.4
22.5°	35.7	36.2	36.9	37.7	41.3	46.3	51.6	67.8	83.7	103.4	133.3
21.25°	35.9	36.6	37.5	39.7	44.9	49.9	64.4	81.1	99.8	131.5	162.4
20°	36.3	37.1	37.9	42.9	48.2	59.3	76.7	93.9	126.0	158.7	193.8
18.75°	36.7	37.6	40.6	46.1	52.6	70.7	88.5	117.0	151.2	185.9	231.2
17.5°	37.1	38.0	43.5	49.0	63.0	81.5	104.6	140.2	175.4	220.5	265.8
16.25°	37.5	40.4	46.1	53.8	72.9	91.8	125.7	162.3	204.6	252.6	296.8
15°	37.8	42.8	48.7	62.8	82.2	107.9	145.7	183.6	234.4	282.0	326.5
13.75°	39.1	45.1	51.1	71.1	90.9	125.8	164.4	210.6	261.4	307.8	357.3
12.5°	41.1	47.2	58.5	78.8	102.8	142.5	181.8	235.4	285.7	333.9	388.2
11.25°	43.0	49.1	65.3	85.9	117.4	157.8	203.8	257.6	306.8	359.3	417.7
10°	44.6	50.8	71.4	92.3	130.7	171.6	223.9	277.5	327.3	384.2	447.5
8.75°	46.1	55.7	76.8	100.8	142.5	184.7	241.3	294.0	347.1	407.2	474.5
7.5°	47.4	60.2	81.6	110.7	152.8	199.7	256.3	308.5	364.5	428.4	498.7
6.25°	48.5	64.1	85.7	119.1	161.7	212.5	269.2	321.2	380.8	447.8	519.5
5°	49.4	67.3	89.0	126.1	168.9	223.0	279.5	332.9	394.4	463.8	536.8
3.75°	50.1	69.8	91.6	131.5	174.6	231.3	287.1	342.1	405.1	476.4	551.2
2.5°	50.6	71.6	93.5	135.4	178.7	236.9	292.6	348.7	412.8	485.6	561.6
1.25°	50.9	72.6	94.6	137.7	181.2	240.4	295.9	352.7	417.5	491.1	567.9
0°	51.0	73.0	95.0	138.5	182.0	241.5	297.0	354.0	419.0	493.0	570.0
-1.25°	50.9	72.6	94.6	137.7	181.2	240.4	295.9	352.7	417.5	491.1	567.9
-2.5°	50.6	71.6	93.5	135.4	178.7	236.9	292.6	348.7	412.8	485.6	561.6
-3.75°	50.1	69.8	91.6	131.5	174.6	231.3	287.1	342.1	405.1	476.4	551.2
-5°	49.4	67.3	89.0	126.1	168.9	223.0	279.5	332.9	394.4	463.8	536.8
-6.25°	48.5	64.1	85.7	119.1	161.7	212.5	269.2	321.2	380.8	447.8	519.5
-7.5°	47.4	60.2	81.6	110.7	152.8	199.7	256.3	308.5	364.5	428.4	498.7
-8.75°	46.1	55.7	76.8	100.8	142.5	184.7	241.3	294.0	347.1	407.2	474.5
-10°	44.6	50.8	71.4	92.3	130.7	171.6	223.9	277.5	327.3	384.2	447.5
-11.25°	43.0	49.1	65.3	85.9	117.4	157.8	203.8	257.6	306.8	359.3	417.7
-12.5°	41.1	47.2	58.5	78.8	102.8	142.5	181.8	235.4	285.7	333.9	388.2
-13.75°	39.1	45.1	51.1	71.1	90.9	125.8	164.4	210.6	261.4	307.8	357.3
-15°	37.8	42.8	48.7	62.8	82.2	107.9	145.7	183.6	234.4	282.0	326.5
-16.25°	37.5	40.4	46.1	53.8	72.9	91.8	125.7	162.3	204.6	252.6	296.8
-17.5°	37.1	38.0	43.5	49.0	63.0	81.5	104.6	140.2	175.4	220.5	265.8
-18.75°	36.7	37.6	40.6	46.1	52.6	70.7	88.5	117.0	151.2	185.9	231.2
-20°	36.3	37.1	37.9	42.9	48.2	59.3	76.7	93.9	126.0	158.7	193.8
-21.25°	35.9	36.6	37.5	39.7	44.9	49.9	64.4	81.1	99.8	131.5	162.4



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	35.7	36.2	36.9	37.7	41.3	46.3	51.6	67.8	83.7	103.4	133.3
-23.75°	35.4	35.8	36.4	37.2	37.9	42.5	47.3	54.1	69.5	84.6	103.4
-25°	35.2	35.6	35.9	36.6	37.4	38.6	43.2	47.7	55.0	69.5	83.7
-26.25°	34.9	35.3	35.7	36.1	36.8	37.5	39.1	43.5	47.7	54.1	67.8
-27.5°	34.6	35.0	35.4	35.7	36.2	36.8	37.5	39.1	43.2	47.3	51.6
-28.75°	34.4	34.7	35.1	35.4	35.8	36.2	36.8	37.5	38.6	42.5	46.3
-30°	34.1	34.4	34.8	35.1	35.4	35.8	36.2	36.8	37.4	37.9	41.3
-31.25°	33.6	34.1	34.5	34.8	35.1	35.4	35.7	36.1	36.6	37.2	37.7
-32.5°	33.0	33.6	34.1	34.5	34.8	35.1	35.4	35.7	35.9	36.4	36.9
-33.75°	32.3	33.0	33.6	34.1	34.4	34.7	35.0	35.3	35.6	35.8	36.2
-35°	31.9	32.3	33.0	33.6	34.1	34.4	34.6	34.9	35.2	35.4	35.7
-36.25°	31.5	31.8	32.3	32.9	33.4	34.0	34.3	34.5	34.8	35.0	35.3
-37.5°	31.2	31.5	31.8	32.2	32.7	33.3	33.8	34.1	34.4	34.6	34.9
-38.75°	30.9	31.2	31.5	31.7	32.0	32.5	33.0	33.5	34.0	34.2	34.4
-40°	30.5	30.8	31.1	31.4	31.6	31.9	32.2	32.7	33.2	33.6	34.0
-41.25°	30.2	30.5	30.7	31.0	31.3	31.5	31.7	32.0	32.4	32.8	33.2
-42.5°	29.9	30.1	30.4	30.6	30.9	31.1	31.3	31.6	31.8	32.0	32.3
-43.75°	29.5	29.8	30.0	30.3	30.5	30.7	30.9	31.2	31.4	31.6	31.7
-45°	29.2	29.4	29.6	29.9	30.1	30.3	30.5	30.7	30.9	31.1	31.3
-46.25°	28.8	29.0	29.3	29.5	29.7	29.9	30.1	30.3	30.5	30.7	30.9
-47.5°	28.4	28.7	28.9	29.1	29.3	29.5	29.7	29.9	30.1	30.3	30.4
-48.75°	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.5	29.7	29.8	30.0
-50°	27.7	27.9	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6
-51.25°	27.3	27.5	27.7	27.9	28.1	28.3	28.5	28.7	28.8	29.0	29.1
-52.5°	26.9	27.2	27.4	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.7
-53.75°	26.2	26.6	26.9	27.1	27.3	27.5	27.7	27.8	28.0	28.1	28.2
-55°	25.4	25.8	26.1	26.5	26.8	27.1	27.2	27.4	27.5	27.7	27.8
-56.25°	24.7	25.0	25.4	25.7	26.0	26.3	26.6	26.9	27.1	27.2	27.4
-57.5°	23.9	24.2	24.6	24.9	25.2	25.5	25.8	26.0	26.3	26.6	26.8
-58.75°	23.1	23.4	23.8	24.1	24.4	24.6	24.9	25.2	25.4	25.7	25.9
-60°	22.0	22.5	22.9	23.2	23.5	23.8	24.1	24.3	24.6	24.8	25.0
-61.25°	20.8	21.3	21.7	22.1	22.5	22.9	23.2	23.4	23.7	23.9	24.1
-62.5°	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.7	23.0	23.2
-63.75°	18.5	18.9	19.3	19.7	20.0	20.4	20.7	21.0	21.4	21.7	21.9
-65°	17.3	17.7	18.1	18.4	18.8	19.1	19.4	19.7	20.0	20.3	20.6
-66.25°	16.1	16.5	16.8	17.2	17.5	17.8	18.1	18.4	18.7	19.0	19.2
-67.5°	14.9	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.6	17.8
-68.75°	13.9	14.0	14.4	14.7	15.0	15.2	15.5	15.8	16.0	16.2	16.5
-70°	13.5	13.6	13.7	13.8	13.9	14.0	14.2	14.4	14.7	14.9	15.1
-71.25°	13.1	13.2	13.3	13.4	13.5	13.5	13.6	13.7	13.8	13.8	13.9
-72.5°	12.4	12.6	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4	13.5
-73.75°	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.6	12.8	12.9	13.0
-75°	10.9	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.9	12.0	12.1
-76.25°	10.5	10.6	10.6	10.7	10.8	10.8	10.9	10.9	11.0	11.1	11.1
-77.5°	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.6	10.6



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.0	10.1	10.1	10.2
-80°	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0	9.1
-81.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7
-82.5°	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5
-83.75°	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6
-85°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-86.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2
-87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
86.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
85°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
83.75°	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9
82.5°	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
81.25°	7.8	7.9	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
80°	9.2	9.3	9.4	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9
78.75°	10.2	10.2	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4
77.5°	10.7	10.7	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9
76.25°	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7	11.8	11.8	11.9
75°	12.2	12.3	12.3	12.4	12.5	12.6	12.6	12.7	12.8	12.8	12.9
73.75°	13.0	13.1	13.1	13.2	13.2	13.3	13.3	13.3	13.4	13.4	13.4
72.5°	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.9	13.9	13.9
71.25°	14.0	14.1	14.3	14.4	14.6	14.7	14.8	14.9	15.1	15.1	15.2
70°	15.3	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.5	16.6	16.7
68.75°	16.7	16.9	17.1	17.3	17.4	17.6	17.7	17.9	18.0	18.1	18.2
67.5°	18.1	18.3	18.5	18.7	18.9	19.0	19.2	19.3	19.5	19.6	19.7
66.25°	19.5	19.7	19.9	20.1	20.3	20.5	20.6	20.8	20.9	21.0	21.1
65°	20.8	21.1	21.3	21.5	21.7	21.9	22.1	22.2	22.4	22.5	22.6
63.75°	22.2	22.5	22.7	22.9	23.1	23.2	23.4	23.5	23.6	23.7	23.7
62.5°	23.4	23.6	23.7	23.9	24.1	24.2	24.3	24.4	24.5	24.6	24.7
61.25°	24.3	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.5	25.6	25.7
60°	25.2	25.4	25.6	25.8	25.9	26.1	26.2	26.4	26.5	26.6	26.7
58.75°	26.1	26.3	26.5	26.7	26.9	27.0	27.1	27.2	27.2	27.3	27.3
57.5°	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.7	27.8	27.8
56.25°	27.5	27.6	27.7	27.8	27.9	28.0	28.1	28.1	28.2	28.3	28.3
55°	27.9	28.0	28.2	28.3	28.4	28.5	28.5	28.6	28.7	28.8	28.8
53.75°	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.2	29.3
52.5°	28.8	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.7	29.8
51.25°	29.3	29.4	29.5	29.7	29.8	29.9	30.0	30.1	30.1	30.2	30.3
50°	29.7	29.9	30.0	30.1	30.2	30.4	30.5	30.5	30.6	30.7	30.8
48.75°	30.2	30.3	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3
47.5°	30.6	30.8	30.9	31.0	31.2	31.3	31.4	31.5	31.6	31.7	31.8
46.25°	31.1	31.2	31.4	31.5	31.6	31.8	31.9	32.0	32.2	32.3	32.5
45°	31.5	31.7	31.8	32.0	32.2	32.5	32.7	32.9	33.1	33.3	33.5
43.75°	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.9	34.0	34.1	34.2
42.5°	32.7	33.1	33.4	33.7	34.0	34.2	34.3	34.4	34.5	34.6	34.7
41.25°	33.6	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.0	35.1	35.2
40°	34.2	34.4	34.6	34.8	34.9	35.1	35.2	35.4	35.5	35.6	35.7
38.75°	34.6	34.9	35.0	35.2	35.4	35.6	35.7	35.8	36.0	36.1	36.3
37.5°	35.1	35.3	35.5	35.7	35.8	36.0	36.3	36.6	36.9	37.1	37.3
36.25°	35.5	35.7	35.9	36.2	36.6	36.9	37.3	37.5	37.8	38.4	39.8
35°	35.9	36.3	36.7	37.1	37.5	37.8	39.1	41.1	43.0	44.6	46.1



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	36.6	37.1	37.6	38.0	40.4	42.8	45.1	47.2	49.1	50.8	55.7
32.5°	37.5	37.9	40.6	43.5	46.1	48.7	51.1	58.5	65.3	71.4	76.8
31.25°	39.7	42.9	46.1	49.0	53.8	62.8	71.1	78.8	85.9	92.3	100.8
30°	44.9	48.2	52.6	63.0	72.9	82.2	90.9	102.8	117.4	130.7	142.5
28.75°	49.9	59.3	70.7	81.5	91.8	107.9	125.8	142.5	157.8	171.6	184.7
27.5°	64.4	76.7	88.5	104.6	125.7	145.7	164.4	181.8	203.8	223.9	241.3
26.25°	81.1	93.9	117.0	140.2	162.3	183.6	210.6	235.4	257.6	277.5	294.0
25°	99.8	126.0	151.2	175.4	204.6	234.4	261.4	285.7	306.8	327.3	347.1
23.75°	131.5	158.7	185.9	220.5	252.6	282.0	307.8	333.9	359.3	384.2	407.2
22.5°	162.4	193.8	231.2	265.8	296.8	326.5	357.3	388.2	417.7	447.5	474.5
21.25°	196.4	236.4	273.7	306.7	341.0	376.1	411.8	448.1	482.7	514.8	544.2
20°	236.4	276.4	311.7	349.8	389.4	430.0	471.5	511.1	548.7	584.8	617.0
18.75°	273.7	311.7	352.8	396.2	441.5	487.5	531.8	575.8	616.8	653.8	686.2
17.5°	306.7	349.8	396.2	445.4	495.6	544.7	594.2	639.7	681.2	718.4	746.8
16.25°	341.0	389.4	441.5	495.6	549.2	603.5	653.7	699.5	738.5	770.5	793.8
15°	376.1	430.0	487.5	544.7	603.5	658.4	708.8	750.2	783.5	810.1	829.6
13.75°	411.8	471.5	531.8	594.2	653.7	708.8	754.1	790.0	818.1	840.4	858.4
12.5°	448.1	511.1	575.8	639.7	699.5	750.2	790.0	820.8	845.3	866.0	883.0
11.25°	482.7	548.7	616.8	681.2	738.5	783.5	818.1	845.3	868.3	887.8	903.7
10°	514.8	584.8	653.8	718.4	770.5	810.1	840.4	866.0	887.8	905.9	920.6
8.75°	544.2	617.0	686.2	746.8	793.8	829.6	858.4	883.0	903.7	920.6	934.1
7.5°	571.5	645.0	714.5	771.3	813.4	846.0	873.6	897.1	916.6	932.3	946.4
6.25°	595.0	669.0	736.0	788.1	827.6	859.2	886.2	908.8	927.1	942.4	957.4
5°	614.2	688.2	752.7	802.2	839.5	869.8	895.7	917.4	934.8	951.5	966.1
3.75°	629.1	703.3	765.8	812.5	847.7	877.6	903.1	924.3	941.2	958.2	973.8
2.5°	639.8	714.2	774.4	818.8	853.7	883.3	908.5	928.6	946.2	963.0	979.6
1.25°	646.3	720.8	779.0	822.7	857.3	886.8	911.3	931.1	949.2	966.0	983.1
0°	648.5	723.0	780.5	824.0	858.5	888.0	912.3	932.0	950.3	967.0	984.3
-1.25°	646.3	720.8	779.0	822.7	857.3	886.8	911.3	931.1	949.2	966.0	983.1
-2.5°	639.8	714.2	774.4	818.8	853.7	883.3	908.5	928.6	946.2	963.0	979.6
-3.75°	629.1	703.3	765.8	812.5	847.7	877.6	903.1	924.3	941.2	958.2	973.8
-5°	614.2	688.2	752.7	802.2	839.5	869.8	895.7	917.4	934.8	951.5	966.1
-6.25°	595.0	669.0	736.0	788.1	827.6	859.2	886.2	908.8	927.1	942.4	957.4
-7.5°	571.5	645.0	714.5	771.3	813.4	846.0	873.6	897.1	916.6	932.3	946.4
-8.75°	544.2	617.0	686.2	746.8	793.8	829.6	858.4	883.0	903.7	920.6	934.1
-10°	514.8	584.8	653.8	718.4	770.5	810.1	840.4	866.0	887.8	905.9	920.6
-11.25°	482.7	548.7	616.8	681.2	738.5	783.5	818.1	845.3	868.3	887.8	903.7
-12.5°	448.1	511.1	575.8	639.7	699.5	750.2	790.0	820.8	845.3	866.0	883.0
-13.75°	411.8	471.5	531.8	594.2	653.7	708.8	754.1	790.0	818.1	840.4	858.4
-15°	376.1	430.0	487.5	544.7	603.5	658.4	708.8	750.2	783.5	810.1	829.6
-16.25°	341.0	389.4	441.5	495.6	549.2	603.5	653.7	699.5	738.5	770.5	793.8
-17.5°	306.7	349.8	396.2	445.4	495.6	544.7	594.2	639.7	681.2	718.4	746.8
-18.75°	273.7	311.7	352.8	396.2	441.5	487.5	531.8	575.8	616.8	653.8	686.2
-20°	236.4	276.4	311.7	349.8	389.4	430.0	471.5	511.1	548.7	584.8	617.0
-21.25°	196.4	236.4	273.7	306.7	341.0	376.1	411.8	448.1	482.7	514.8	544.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	162.4	193.8	231.2	265.8	296.8	326.5	357.3	388.2	417.7	447.5	474.5
-23.75°	131.5	158.7	185.9	220.5	252.6	282.0	307.8	333.9	359.3	384.2	407.2
-25°	99.8	126.0	151.2	175.4	204.6	234.4	261.4	285.7	306.8	327.3	347.1
-26.25°	81.1	93.9	117.0	140.2	162.3	183.6	210.6	235.4	257.6	277.5	294.0
-27.5°	64.4	76.7	88.5	104.6	125.7	145.7	164.4	181.8	203.8	223.9	241.3
-28.75°	49.9	59.3	70.7	81.5	91.8	107.9	125.8	142.5	157.8	171.6	184.7
-30°	44.9	48.2	52.6	63.0	72.9	82.2	90.9	102.8	117.4	130.7	142.5
-31.25°	39.7	42.9	46.1	49.0	53.8	62.8	71.1	78.8	85.9	92.3	100.8
-32.5°	37.5	37.9	40.6	43.5	46.1	48.7	51.1	58.5	65.3	71.4	76.8
-33.75°	36.6	37.1	37.6	38.0	40.4	42.8	45.1	47.2	49.1	50.8	55.7
-35°	35.9	36.3	36.7	37.1	37.5	37.8	39.1	41.1	43.0	44.6	46.1
-36.25°	35.5	35.7	35.9	36.2	36.6	36.9	37.3	37.5	37.8	38.4	39.8
-37.5°	35.1	35.3	35.5	35.7	35.8	36.0	36.3	36.6	36.9	37.1	37.3
-38.75°	34.6	34.9	35.0	35.2	35.4	35.6	35.7	35.8	36.0	36.1	36.3
-40°	34.2	34.4	34.6	34.8	34.9	35.1	35.2	35.4	35.5	35.6	35.7
-41.25°	33.6	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.0	35.1	35.2
-42.5°	32.7	33.1	33.4	33.7	34.0	34.2	34.3	34.4	34.5	34.6	34.7
-43.75°	31.9	32.2	32.5	32.8	33.1	33.4	33.6	33.9	34.0	34.1	34.2
-45°	31.5	31.7	31.8	32.0	32.2	32.5	32.7	32.9	33.1	33.3	33.5
-46.25°	31.1	31.2	31.4	31.5	31.6	31.8	31.9	32.0	32.2	32.3	32.5
-47.5°	30.6	30.8	30.9	31.0	31.2	31.3	31.4	31.5	31.6	31.7	31.8
-48.75°	30.2	30.3	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3
-50°	29.7	29.9	30.0	30.1	30.2	30.4	30.5	30.5	30.6	30.7	30.8
-51.25°	29.3	29.4	29.5	29.7	29.8	29.9	30.0	30.1	30.1	30.2	30.3
-52.5°	28.8	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.7	29.8
-53.75°	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.2	29.3
-55°	27.9	28.0	28.2	28.3	28.4	28.5	28.5	28.6	28.7	28.8	28.8
-56.25°	27.5	27.6	27.7	27.8	27.9	28.0	28.1	28.1	28.2	28.3	28.3
-57.5°	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.7	27.8	27.8
-58.75°	26.1	26.3	26.5	26.7	26.9	27.0	27.1	27.2	27.2	27.3	27.3
-60°	25.2	25.4	25.6	25.8	25.9	26.1	26.2	26.4	26.5	26.6	26.7
-61.25°	24.3	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.5	25.6	25.7
-62.5°	23.4	23.6	23.7	23.9	24.1	24.2	24.3	24.4	24.5	24.6	24.7
-63.75°	22.2	22.5	22.7	22.9	23.1	23.2	23.4	23.5	23.6	23.7	23.7
-65°	20.8	21.1	21.3	21.5	21.7	21.9	22.1	22.2	22.4	22.5	22.6
-66.25°	19.5	19.7	19.9	20.1	20.3	20.5	20.6	20.8	20.9	21.0	21.1
-67.5°	18.1	18.3	18.5	18.7	18.9	19.0	19.2	19.3	19.5	19.6	19.7
-68.75°	16.7	16.9	17.1	17.3	17.4	17.6	17.7	17.9	18.0	18.1	18.2
-70°	15.3	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.5	16.6	16.7
-71.25°	14.0	14.1	14.3	14.4	14.6	14.7	14.8	14.9	15.1	15.1	15.2
-72.5°	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.9	13.9	13.9
-73.75°	13.0	13.1	13.1	13.2	13.2	13.3	13.3	13.3	13.4	13.4	13.4
-75°	12.2	12.3	12.3	12.4	12.5	12.6	12.6	12.7	12.8	12.8	12.9
-76.25°	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7	11.8	11.8	11.9
-77.5°	10.7	10.7	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	10.2	10.2	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4
-80°	9.2	9.3	9.4	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9
-81.25°	7.8	7.9	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
-82.5°	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
-83.75°	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9
-85°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-86.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
83.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
82.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
81.25°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
80°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
78.75°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
77.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
76.25°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
75°	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
73.75°	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
72.5°	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
71.25°	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4
70°	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
68.75°	18.3	18.3	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.4	18.4
67.5°	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
66.25°	21.2	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.4	21.4
65°	22.7	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
63.75°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
62.5°	24.8	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
61.25°	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
60°	26.8	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9
58.75°	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
57.5°	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
56.25°	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.4
55°	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9
53.75°	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.4
52.5°	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9
51.25°	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.4
50°	30.8	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	30.9
48.75°	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.4
47.5°	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	31.9
46.25°	32.6	32.7	32.8	32.9	33.0	33.0	33.0	33.0	33.0	32.9	32.8
45°	33.6	33.7	33.8	33.9	34.0	34.0	34.0	34.0	34.0	33.9	33.8
43.75°	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.4	34.4
42.5°	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	34.9	34.9
41.25°	35.3	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.4	35.4
40°	35.8	35.8	35.9	35.9	36.0	36.0	36.0	36.0	36.0	35.9	35.9
38.75°	36.5	36.7	36.8	36.9	36.9	37.0	37.0	37.0	36.9	36.9	36.8
37.5°	37.5	37.6	37.8	37.9	37.9	38.0	38.0	38.0	37.9	37.9	37.8
36.25°	41.1	42.1	43.0	43.6	44.1	44.4	44.5	44.4	44.1	43.6	43.0
35°	47.4	48.5	49.4	50.1	50.6	50.9	51.0	50.9	50.6	50.1	49.4



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	60.2	64.1	67.3	69.8	71.6	72.6	73.0	72.6	71.6	69.8	67.3
32.5°	81.6	85.7	89.0	91.6	93.5	94.6	95.0	94.6	93.5	91.6	89.0
31.25°	110.7	119.1	126.1	131.5	135.4	137.7	138.5	137.7	135.4	131.5	126.1
30°	152.8	161.7	168.9	174.6	178.7	181.2	182.0	181.2	178.7	174.6	168.9
28.75°	199.7	212.5	223.0	231.3	236.9	240.4	241.5	240.4	236.9	231.3	223.0
27.5°	256.3	269.2	279.5	287.1	292.6	295.9	297.0	295.9	292.6	287.1	279.5
26.25°	308.5	321.2	332.9	342.1	348.7	352.7	354.0	352.7	348.7	342.1	332.9
25°	364.5	380.8	394.4	405.1	412.8	417.5	419.0	417.5	412.8	405.1	394.4
23.75°	428.4	447.8	463.8	476.4	485.6	491.1	493.0	491.1	485.6	476.4	463.8
22.5°	498.7	519.5	536.8	551.2	561.6	567.9	570.0	567.9	561.6	551.2	536.8
21.25°	571.5	595.0	614.2	629.1	639.8	646.3	648.5	646.3	639.8	629.1	614.2
20°	645.0	669.0	688.2	703.3	714.2	720.8	723.0	720.8	714.2	703.3	688.2
18.75°	714.5	736.0	752.7	765.8	774.4	779.0	780.5	779.0	774.4	765.8	752.7
17.5°	771.3	788.1	802.2	812.5	818.8	822.7	824.0	822.7	818.8	812.5	802.2
16.25°	813.4	827.6	839.5	847.7	853.7	857.3	858.5	857.3	853.7	847.7	839.5
15°	846.0	859.2	869.8	877.6	883.3	886.8	888.0	886.8	883.3	877.6	869.8
13.75°	873.6	886.2	895.7	903.1	908.5	911.3	912.3	911.3	908.5	903.1	895.7
12.5°	897.1	908.8	917.4	924.3	928.6	931.1	932.0	931.1	928.6	924.3	917.4
11.25°	916.6	927.1	934.8	941.2	946.2	949.2	950.3	949.2	946.2	941.2	934.8
10°	932.3	942.4	951.5	958.2	963.0	966.0	967.0	966.0	963.0	958.2	951.5
8.75°	946.4	957.4	966.1	973.8	979.6	983.1	984.3	983.1	979.6	973.8	966.1
7.5°	959.3	970.5	980.9	989.1	995.1	998.4	999.5	998.4	995.1	989.1	980.9
6.25°	970.5	983.2	994.0	1001.9	1007.7	1011.3	1012.5	1011.3	1007.7	1001.9	994.0
5°	980.9	994.0	1004.3	1012.5	1016.6	1018.4	1019.0	1018.4	1016.6	1012.5	1004.3
3.75°	989.1	1001.9	1012.5	1017.8	1022.0	1025.2	1026.3	1025.2	1022.0	1017.8	1012.5
2.5°	995.1	1007.7	1016.6	1022.0	1027.3	1030.0	1030.0	1030.0	1027.3	1022.0	1016.6
1.25°	998.4	1011.3	1018.4	1025.2	1030.0	1031.4	1034.5	1031.4	1030.0	1025.2	1018.4
0°	999.5	1012.5	1019.0	1026.3	1030.0	1034.5	1039.0	1034.5	1030.0	1026.3	1019.0
-1.25°	998.4	1011.3	1018.4	1025.2	1030.0	1031.4	1034.5	1031.4	1030.0	1025.2	1018.4
-2.5°	995.1	1007.7	1016.6	1022.0	1027.3	1030.0	1030.0	1030.0	1027.3	1022.0	1016.6
-3.75°	989.1	1001.9	1012.5	1017.8	1022.0	1025.2	1026.3	1025.2	1022.0	1017.8	1012.5
-5°	980.9	994.0	1004.3	1012.5	1016.6	1018.4	1019.0	1018.4	1016.6	1012.5	1004.3
-6.25°	970.5	983.2	994.0	1001.9	1007.7	1011.3	1012.5	1011.3	1007.7	1001.9	994.0
-7.5°	959.3	970.5	980.9	989.1	995.1	998.4	999.5	998.4	995.1	989.1	980.9
-8.75°	946.4	957.4	966.1	973.8	979.6	983.1	984.3	983.1	979.6	973.8	966.1
-10°	932.3	942.4	951.5	958.2	963.0	966.0	967.0	966.0	963.0	958.2	951.5
-11.25°	916.6	927.1	934.8	941.2	946.2	949.2	950.3	949.2	946.2	941.2	934.8
-12.5°	897.1	908.8	917.4	924.3	928.6	931.1	932.0	931.1	928.6	924.3	917.4
-13.75°	873.6	886.2	895.7	903.1	908.5	911.3	912.3	911.3	908.5	903.1	895.7
-15°	846.0	859.2	869.8	877.6	883.3	886.8	888.0	886.8	883.3	877.6	869.8
-16.25°	813.4	827.6	839.5	847.7	853.7	857.3	858.5	857.3	853.7	847.7	839.5
-17.5°	771.3	788.1	802.2	812.5	818.8	822.7	824.0	822.7	818.8	812.5	802.2
-18.75°	714.5	736.0	752.7	765.8	774.4	779.0	780.5	779.0	774.4	765.8	752.7
-20°	645.0	669.0	688.2	703.3	714.2	720.8	723.0	720.8	714.2	703.3	688.2
-21.25°	571.5	595.0	614.2	629.1	639.8	646.3	648.5	646.3	639.8	629.1	614.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	498.7	519.5	536.8	551.2	561.6	567.9	570.0	567.9	561.6	551.2	536.8
-23.75°	428.4	447.8	463.8	476.4	485.6	491.1	493.0	491.1	485.6	476.4	463.8
-25°	364.5	380.8	394.4	405.1	412.8	417.5	419.0	417.5	412.8	405.1	394.4
-26.25°	308.5	321.2	332.9	342.1	348.7	352.7	354.0	352.7	348.7	342.1	332.9
-27.5°	256.3	269.2	279.5	287.1	292.6	295.9	297.0	295.9	292.6	287.1	279.5
-28.75°	199.7	212.5	223.0	231.3	236.9	240.4	241.5	240.4	236.9	231.3	223.0
-30°	152.8	161.7	168.9	174.6	178.7	181.2	182.0	181.2	178.7	174.6	168.9
-31.25°	110.7	119.1	126.1	131.5	135.4	137.7	138.5	137.7	135.4	131.5	126.1
-32.5°	81.6	85.7	89.0	91.6	93.5	94.6	95.0	94.6	93.5	91.6	89.0
-33.75°	60.2	64.1	67.3	69.8	71.6	72.6	73.0	72.6	71.6	69.8	67.3
-35°	47.4	48.5	49.4	50.1	50.6	50.9	51.0	50.9	50.6	50.1	49.4
-36.25°	41.1	42.1	43.0	43.6	44.1	44.4	44.5	44.4	44.1	43.6	43.0
-37.5°	37.5	37.6	37.8	37.9	37.9	38.0	38.0	38.0	37.9	37.9	37.8
-38.75°	36.5	36.7	36.8	36.9	36.9	37.0	37.0	37.0	36.9	36.9	36.8
-40°	35.8	35.8	35.9	35.9	36.0	36.0	36.0	36.0	36.0	35.9	35.9
-41.25°	35.3	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.4	35.4
-42.5°	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	34.9	34.9
-43.75°	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.4	34.4
-45°	33.6	33.7	33.8	33.9	34.0	34.0	34.0	34.0	34.0	33.9	33.8
-46.25°	32.6	32.7	32.8	32.9	33.0	33.0	33.0	33.0	33.0	32.9	32.8
-47.5°	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	31.9
-48.75°	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.4
-50°	30.8	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	30.9
-51.25°	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.4
-52.5°	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9
-53.75°	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.4
-55°	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9
-56.25°	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.4
-57.5°	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
-58.75°	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
-60°	26.8	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9
-61.25°	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
-62.5°	24.8	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
-63.75°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
-65°	22.7	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
-66.25°	21.2	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.4	21.4
-67.5°	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-68.75°	18.3	18.3	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.4	18.4
-70°	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
-71.25°	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4
-72.5°	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
-73.75°	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
-75°	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
-76.25°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-77.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
-80°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
-81.25°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-82.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-83.75°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-85°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-86.25°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
86.25°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
85°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
83.75°	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7
82.5°	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
81.25°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	7.9
80°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.4
78.75°	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.3
77.5°	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.7
76.25°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4
75°	12.9	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.5	12.4	12.3
73.75°	13.5	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.1
72.5°	14.0	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.6
71.25°	15.4	15.3	15.2	15.1	15.1	14.9	14.8	14.7	14.6	14.4	14.3
70°	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.1	16.0	15.8	15.7
68.75°	18.3	18.3	18.2	18.1	18.0	17.9	17.7	17.6	17.4	17.3	17.1
67.5°	19.8	19.8	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.7	18.5
66.25°	21.3	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.1	19.9
65°	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.3
63.75°	23.9	23.8	23.7	23.7	23.6	23.5	23.4	23.2	23.1	22.9	22.7
62.5°	24.9	24.8	24.7	24.6	24.5	24.4	24.3	24.2	24.1	23.9	23.7
61.25°	25.9	25.8	25.7	25.6	25.5	25.4	25.3	25.1	25.0	24.8	24.7
60°	26.8	26.8	26.7	26.6	26.5	26.4	26.2	26.1	25.9	25.8	25.6
58.75°	27.4	27.4	27.3	27.3	27.2	27.2	27.1	27.0	26.9	26.7	26.5
57.5°	27.9	27.9	27.8	27.8	27.7	27.7	27.6	27.5	27.4	27.3	27.2
56.25°	28.4	28.4	28.3	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.7
55°	28.9	28.9	28.8	28.8	28.7	28.6	28.5	28.5	28.4	28.3	28.2
53.75°	29.4	29.4	29.3	29.2	29.2	29.1	29.0	28.9	28.8	28.7	28.6
52.5°	29.9	29.8	29.8	29.7	29.7	29.6	29.5	29.4	29.3	29.2	29.1
51.25°	30.4	30.3	30.3	30.2	30.1	30.1	30.0	29.9	29.8	29.7	29.5
50°	30.9	30.8	30.8	30.7	30.6	30.5	30.5	30.4	30.2	30.1	30.0
48.75°	31.4	31.3	31.3	31.2	31.1	31.0	30.9	30.8	30.7	30.6	30.5
47.5°	31.9	31.8	31.8	31.7	31.6	31.5	31.4	31.3	31.2	31.0	30.9
46.25°	32.7	32.6	32.5	32.3	32.2	32.0	31.9	31.8	31.6	31.5	31.4
45°	33.7	33.6	33.5	33.3	33.1	32.9	32.7	32.5	32.2	32.0	31.8
43.75°	34.4	34.3	34.2	34.1	34.0	33.9	33.6	33.4	33.1	32.8	32.5
42.5°	34.9	34.8	34.7	34.6	34.5	34.4	34.3	34.2	34.0	33.7	33.4
41.25°	35.3	35.3	35.2	35.1	35.0	34.9	34.8	34.6	34.5	34.3	34.2
40°	35.8	35.8	35.7	35.6	35.5	35.4	35.2	35.1	34.9	34.8	34.6
38.75°	36.7	36.5	36.3	36.1	36.0	35.8	35.7	35.6	35.4	35.2	35.0
37.5°	37.6	37.5	37.3	37.1	36.9	36.6	36.3	36.0	35.8	35.7	35.5
36.25°	42.1	41.1	39.8	38.4	37.8	37.5	37.3	36.9	36.6	36.2	35.9
35°	48.5	47.4	46.1	44.6	43.0	41.1	39.1	37.8	37.5	37.1	36.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	64.1	60.2	55.7	50.8	49.1	47.2	45.1	42.8	40.4	38.0	37.6
32.5°	85.7	81.6	76.8	71.4	65.3	58.5	51.1	48.7	46.1	43.5	40.6
31.25°	119.1	110.7	100.8	92.3	85.9	78.8	71.1	62.8	53.8	49.0	46.1
30°	161.7	152.8	142.5	130.7	117.4	102.8	90.9	82.2	72.9	63.0	52.6
28.75°	212.5	199.7	184.7	171.6	157.8	142.5	125.8	107.9	91.8	81.5	70.7
27.5°	269.2	256.3	241.3	223.9	203.8	181.8	164.4	145.7	125.7	104.6	88.5
26.25°	321.2	308.5	294.0	277.5	257.6	235.4	210.6	183.6	162.3	140.2	117.0
25°	380.8	364.5	347.1	327.3	306.8	285.7	261.4	234.4	204.6	175.4	151.2
23.75°	447.8	428.4	407.2	384.2	359.3	333.9	307.8	282.0	252.6	220.5	185.9
22.5°	519.5	498.7	474.5	447.5	417.7	388.2	357.3	326.5	296.8	265.8	231.2
21.25°	595.0	571.5	544.2	514.8	482.7	448.1	411.8	376.1	341.0	306.7	273.7
20°	669.0	645.0	617.0	584.8	548.7	511.1	471.5	430.0	389.4	349.8	311.7
18.75°	736.0	714.5	686.2	653.8	616.8	575.8	531.8	487.5	441.5	396.2	352.8
17.5°	788.1	771.3	746.8	718.4	681.2	639.7	594.2	544.7	495.6	445.4	396.2
16.25°	827.6	813.4	793.8	770.5	738.5	699.5	653.7	603.5	549.2	495.6	441.5
15°	859.2	846.0	829.6	810.1	783.5	750.2	708.8	658.4	603.5	544.7	487.5
13.75°	886.2	873.6	858.4	840.4	818.1	790.0	754.1	708.8	653.7	594.2	531.8
12.5°	908.8	897.1	883.0	866.0	845.3	820.8	790.0	750.2	699.5	639.7	575.8
11.25°	927.1	916.6	903.7	887.8	868.3	845.3	818.1	783.5	738.5	681.2	616.8
10°	942.4	932.3	920.6	905.9	887.8	866.0	840.4	810.1	770.5	718.4	653.8
8.75°	957.4	946.4	934.1	920.6	903.7	883.0	858.4	829.6	793.8	746.8	686.2
7.5°	970.5	959.3	946.4	932.3	916.6	897.1	873.6	846.0	813.4	771.3	714.5
6.25°	983.2	970.5	957.4	942.4	927.1	908.8	886.2	859.2	827.6	788.1	736.0
5°	994.0	980.9	966.1	951.5	934.8	917.4	895.7	869.8	839.5	802.2	752.7
3.75°	1001.9	989.1	973.8	958.2	941.2	924.3	903.1	877.6	847.7	812.5	765.8
2.5°	1007.7	995.1	979.6	963.0	946.2	928.6	908.5	883.3	853.7	818.8	774.4
1.25°	1011.3	998.4	983.1	966.0	949.2	931.1	911.3	886.8	857.3	822.7	779.0
0°	1012.5	999.5	984.3	967.0	950.3	932.0	912.3	888.0	858.5	824.0	780.5
-1.25°	1011.3	998.4	983.1	966.0	949.2	931.1	911.3	886.8	857.3	822.7	779.0
-2.5°	1007.7	995.1	979.6	963.0	946.2	928.6	908.5	883.3	853.7	818.8	774.4
-3.75°	1001.9	989.1	973.8	958.2	941.2	924.3	903.1	877.6	847.7	812.5	765.8
-5°	994.0	980.9	966.1	951.5	934.8	917.4	895.7	869.8	839.5	802.2	752.7
-6.25°	983.2	970.5	957.4	942.4	927.1	908.8	886.2	859.2	827.6	788.1	736.0
-7.5°	970.5	959.3	946.4	932.3	916.6	897.1	873.6	846.0	813.4	771.3	714.5
-8.75°	957.4	946.4	934.1	920.6	903.7	883.0	858.4	829.6	793.8	746.8	686.2
-10°	942.4	932.3	920.6	905.9	887.8	866.0	840.4	810.1	770.5	718.4	653.8
-11.25°	927.1	916.6	903.7	887.8	868.3	845.3	818.1	783.5	738.5	681.2	616.8
-12.5°	908.8	897.1	883.0	866.0	845.3	820.8	790.0	750.2	699.5	639.7	575.8
-13.75°	886.2	873.6	858.4	840.4	818.1	790.0	754.1	708.8	653.7	594.2	531.8
-15°	859.2	846.0	829.6	810.1	783.5	750.2	708.8	658.4	603.5	544.7	487.5
-16.25°	827.6	813.4	793.8	770.5	738.5	699.5	653.7	603.5	549.2	495.6	441.5
-17.5°	788.1	771.3	746.8	718.4	681.2	639.7	594.2	544.7	495.6	445.4	396.2
-18.75°	736.0	714.5	686.2	653.8	616.8	575.8	531.8	487.5	441.5	396.2	352.8
-20°	669.0	645.0	617.0	584.8	548.7	511.1	471.5	430.0	389.4	349.8	311.7
-21.25°	595.0	571.5	544.2	514.8	482.7	448.1	411.8	376.1	341.0	306.7	273.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	519.5	498.7	474.5	447.5	417.7	388.2	357.3	326.5	296.8	265.8	231.2
-23.75°	447.8	428.4	407.2	384.2	359.3	333.9	307.8	282.0	252.6	220.5	185.9
-25°	380.8	364.5	347.1	327.3	306.8	285.7	261.4	234.4	204.6	175.4	151.2
-26.25°	321.2	308.5	294.0	277.5	257.6	235.4	210.6	183.6	162.3	140.2	117.0
-27.5°	269.2	256.3	241.3	223.9	203.8	181.8	164.4	145.7	125.7	104.6	88.5
-28.75°	212.5	199.7	184.7	171.6	157.8	142.5	125.8	107.9	91.8	81.5	70.7
-30°	161.7	152.8	142.5	130.7	117.4	102.8	90.9	82.2	72.9	63.0	52.6
-31.25°	119.1	110.7	100.8	92.3	85.9	78.8	71.1	62.8	53.8	49.0	46.1
-32.5°	85.7	81.6	76.8	71.4	65.3	58.5	51.1	48.7	46.1	43.5	40.6
-33.75°	64.1	60.2	55.7	50.8	49.1	47.2	45.1	42.8	40.4	38.0	37.6
-35°	48.5	47.4	46.1	44.6	43.0	41.1	39.1	37.8	37.5	37.1	36.7
-36.25°	42.1	41.1	39.8	38.4	37.8	37.5	37.3	36.9	36.6	36.2	35.9
-37.5°	37.6	37.5	37.3	37.1	36.9	36.6	36.3	36.0	35.8	35.7	35.5
-38.75°	36.7	36.5	36.3	36.1	36.0	35.8	35.7	35.6	35.4	35.2	35.0
-40°	35.8	35.8	35.7	35.6	35.5	35.4	35.2	35.1	34.9	34.8	34.6
-41.25°	35.3	35.3	35.2	35.1	35.0	34.9	34.8	34.6	34.5	34.3	34.2
-42.5°	34.9	34.8	34.7	34.6	34.5	34.4	34.3	34.2	34.0	33.7	33.4
-43.75°	34.4	34.3	34.2	34.1	34.0	33.9	33.6	33.4	33.1	32.8	32.5
-45°	33.7	33.6	33.5	33.3	33.1	32.9	32.7	32.5	32.2	32.0	31.8
-46.25°	32.7	32.6	32.5	32.3	32.2	32.0	31.9	31.8	31.6	31.5	31.4
-47.5°	31.9	31.8	31.8	31.7	31.6	31.5	31.4	31.3	31.2	31.0	30.9
-48.75°	31.4	31.3	31.3	31.2	31.1	31.0	30.9	30.8	30.7	30.6	30.5
-50°	30.9	30.8	30.8	30.7	30.6	30.5	30.5	30.4	30.2	30.1	30.0
-51.25°	30.4	30.3	30.3	30.2	30.1	30.1	30.0	29.9	29.8	29.7	29.5
-52.5°	29.9	29.8	29.8	29.7	29.7	29.6	29.5	29.4	29.3	29.2	29.1
-53.75°	29.4	29.4	29.3	29.2	29.2	29.1	29.0	28.9	28.8	28.7	28.6
-55°	28.9	28.9	28.8	28.8	28.7	28.6	28.5	28.5	28.4	28.3	28.2
-56.25°	28.4	28.4	28.3	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.7
-57.5°	27.9	27.9	27.8	27.8	27.7	27.7	27.6	27.5	27.4	27.3	27.2
-58.75°	27.4	27.4	27.3	27.3	27.2	27.2	27.1	27.0	26.9	26.7	26.5
-60°	26.8	26.8	26.7	26.6	26.5	26.4	26.2	26.1	25.9	25.8	25.6
-61.25°	25.9	25.8	25.7	25.6	25.5	25.4	25.3	25.1	25.0	24.8	24.7
-62.5°	24.9	24.8	24.7	24.6	24.5	24.4	24.3	24.2	24.1	23.9	23.7
-63.75°	23.9	23.8	23.7	23.7	23.6	23.5	23.4	23.2	23.1	22.9	22.7
-65°	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.3
-66.25°	21.3	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.1	19.9
-67.5°	19.8	19.8	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.7	18.5
-68.75°	18.3	18.3	18.2	18.1	18.0	17.9	17.7	17.6	17.4	17.3	17.1
-70°	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.1	16.0	15.8	15.7
-71.25°	15.4	15.3	15.2	15.1	15.1	14.9	14.8	14.7	14.6	14.4	14.3
-72.5°	14.0	13.9	13.9	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.6
-73.75°	13.5	13.4	13.4	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.1
-75°	12.9	12.9	12.9	12.8	12.8	12.7	12.6	12.6	12.5	12.4	12.3
-76.25°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4
-77.5°	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.8	10.8	10.8	10.7



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.3
-80°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.4
-81.25°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	7.9
-82.5°	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
-83.75°	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7
-85°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-86.25°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
85°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
83.75°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2
82.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1
81.25°	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9
80°	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4	8.2	8.1
78.75°	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.8	9.7	9.5	9.4
77.5°	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.2
76.25°	11.3	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.7	10.6
75°	12.3	12.2	12.1	12.0	11.9	11.7	11.6	11.5	11.4	11.2	11.1
73.75°	13.1	13.0	13.0	12.9	12.8	12.6	12.5	12.4	12.2	12.1	11.9
72.5°	13.6	13.5	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8
71.25°	14.1	14.0	13.9	13.8	13.8	13.7	13.6	13.5	13.5	13.4	13.3
70°	15.5	15.3	15.1	14.9	14.7	14.4	14.2	14.0	13.9	13.8	13.7
68.75°	16.9	16.7	16.5	16.2	16.0	15.8	15.5	15.2	15.0	14.7	14.4
67.5°	18.3	18.1	17.8	17.6	17.4	17.1	16.8	16.5	16.2	15.9	15.6
66.25°	19.7	19.5	19.2	19.0	18.7	18.4	18.1	17.8	17.5	17.2	16.8
65°	21.1	20.8	20.6	20.3	20.0	19.7	19.4	19.1	18.8	18.4	18.1
63.75°	22.5	22.2	21.9	21.7	21.4	21.0	20.7	20.4	20.0	19.7	19.3
62.5°	23.6	23.4	23.2	23.0	22.7	22.4	22.0	21.7	21.3	20.9	20.5
61.25°	24.5	24.3	24.1	23.9	23.7	23.4	23.2	22.9	22.5	22.1	21.7
60°	25.4	25.2	25.0	24.8	24.6	24.3	24.1	23.8	23.5	23.2	22.9
58.75°	26.3	26.1	25.9	25.7	25.4	25.2	24.9	24.6	24.4	24.1	23.8
57.5°	27.1	27.0	26.8	26.6	26.3	26.0	25.8	25.5	25.2	24.9	24.6
56.25°	27.6	27.5	27.4	27.2	27.1	26.9	26.6	26.3	26.0	25.7	25.4
55°	28.0	27.9	27.8	27.7	27.5	27.4	27.2	27.1	26.8	26.5	26.1
53.75°	28.5	28.4	28.2	28.1	28.0	27.8	27.7	27.5	27.3	27.1	26.9
52.5°	29.0	28.8	28.7	28.5	28.4	28.2	28.1	27.9	27.7	27.5	27.4
51.25°	29.4	29.3	29.1	29.0	28.8	28.7	28.5	28.3	28.1	27.9	27.7
50°	29.9	29.7	29.6	29.4	29.3	29.1	28.9	28.7	28.5	28.3	28.1
48.75°	30.3	30.2	30.0	29.8	29.7	29.5	29.3	29.1	28.9	28.7	28.5
47.5°	30.8	30.6	30.4	30.3	30.1	29.9	29.7	29.5	29.3	29.1	28.9
46.25°	31.2	31.1	30.9	30.7	30.5	30.3	30.1	29.9	29.7	29.5	29.3
45°	31.7	31.5	31.3	31.1	30.9	30.7	30.5	30.3	30.1	29.9	29.6
43.75°	32.2	31.9	31.7	31.6	31.4	31.2	30.9	30.7	30.5	30.3	30.0
42.5°	33.1	32.7	32.3	32.0	31.8	31.6	31.3	31.1	30.9	30.6	30.4
41.25°	34.0	33.6	33.2	32.8	32.4	32.0	31.7	31.5	31.3	31.0	30.7
40°	34.4	34.2	34.0	33.6	33.2	32.7	32.2	31.9	31.6	31.4	31.1
38.75°	34.9	34.6	34.4	34.2	34.0	33.5	33.0	32.5	32.0	31.7	31.5
37.5°	35.3	35.1	34.9	34.6	34.4	34.1	33.8	33.3	32.7	32.2	31.8
36.25°	35.7	35.5	35.3	35.0	34.8	34.5	34.3	34.0	33.4	32.9	32.3
35°	36.3	35.9	35.7	35.4	35.2	34.9	34.6	34.4	34.1	33.6	33.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	37.1	36.6	36.2	35.8	35.6	35.3	35.0	34.7	34.4	34.1	33.6
32.5°	37.9	37.5	36.9	36.4	35.9	35.7	35.4	35.1	34.8	34.5	34.1
31.25°	42.9	39.7	37.7	37.2	36.6	36.1	35.7	35.4	35.1	34.8	34.5
30°	48.2	44.9	41.3	37.9	37.4	36.8	36.2	35.8	35.4	35.1	34.8
28.75°	59.3	49.9	46.3	42.5	38.6	37.5	36.8	36.2	35.8	35.4	35.1
27.5°	76.7	64.4	51.6	47.3	43.2	39.1	37.5	36.8	36.2	35.7	35.4
26.25°	93.9	81.1	67.8	54.1	47.7	43.5	39.1	37.5	36.8	36.1	35.7
25°	126.0	99.8	83.7	69.5	55.0	47.7	43.2	38.6	37.4	36.6	35.9
23.75°	158.7	131.5	103.4	84.6	69.5	54.1	47.3	42.5	37.9	37.2	36.4
22.5°	193.8	162.4	133.3	103.4	83.7	67.8	51.6	46.3	41.3	37.7	36.9
21.25°	236.4	196.4	162.4	131.5	99.8	81.1	64.4	49.9	44.9	39.7	37.5
20°	276.4	236.4	193.8	158.7	126.0	93.9	76.7	59.3	48.2	42.9	37.9
18.75°	311.7	273.7	231.2	185.9	151.2	117.0	88.5	70.7	52.6	46.1	40.6
17.5°	349.8	306.7	265.8	220.5	175.4	140.2	104.6	81.5	63.0	49.0	43.5
16.25°	389.4	341.0	296.8	252.6	204.6	162.3	125.7	91.8	72.9	53.8	46.1
15°	430.0	376.1	326.5	282.0	234.4	183.6	145.7	107.9	82.2	62.8	48.7
13.75°	471.5	411.8	357.3	307.8	261.4	210.6	164.4	125.8	90.9	71.1	51.1
12.5°	511.1	448.1	388.2	333.9	285.7	235.4	181.8	142.5	102.8	78.8	58.5
11.25°	548.7	482.7	417.7	359.3	306.8	257.6	203.8	157.8	117.4	85.9	65.3
10°	584.8	514.8	447.5	384.2	327.3	277.5	223.9	171.6	130.7	92.3	71.4
8.75°	617.0	544.2	474.5	407.2	347.1	294.0	241.3	184.7	142.5	100.8	76.8
7.5°	645.0	571.5	498.7	428.4	364.5	308.5	256.3	199.7	152.8	110.7	81.6
6.25°	669.0	595.0	519.5	447.8	380.8	321.2	269.2	212.5	161.7	119.1	85.7
5°	688.2	614.2	536.8	463.8	394.4	332.9	279.5	223.0	168.9	126.1	89.0
3.75°	703.3	629.1	551.2	476.4	405.1	342.1	287.1	231.3	174.6	131.5	91.6
2.5°	714.2	639.8	561.6	485.6	412.8	348.7	292.6	236.9	178.7	135.4	93.5
1.25°	720.8	646.3	567.9	491.1	417.5	352.7	295.9	240.4	181.2	137.7	94.6
0°	723.0	648.5	570.0	493.0	419.0	354.0	297.0	241.5	182.0	138.5	95.0
-1.25°	720.8	646.3	567.9	491.1	417.5	352.7	295.9	240.4	181.2	137.7	94.6
-2.5°	714.2	639.8	561.6	485.6	412.8	348.7	292.6	236.9	178.7	135.4	93.5
-3.75°	703.3	629.1	551.2	476.4	405.1	342.1	287.1	231.3	174.6	131.5	91.6
-5°	688.2	614.2	536.8	463.8	394.4	332.9	279.5	223.0	168.9	126.1	89.0
-6.25°	669.0	595.0	519.5	447.8	380.8	321.2	269.2	212.5	161.7	119.1	85.7
-7.5°	645.0	571.5	498.7	428.4	364.5	308.5	256.3	199.7	152.8	110.7	81.6
-8.75°	617.0	544.2	474.5	407.2	347.1	294.0	241.3	184.7	142.5	100.8	76.8
-10°	584.8	514.8	447.5	384.2	327.3	277.5	223.9	171.6	130.7	92.3	71.4
-11.25°	548.7	482.7	417.7	359.3	306.8	257.6	203.8	157.8	117.4	85.9	65.3
-12.5°	511.1	448.1	388.2	333.9	285.7	235.4	181.8	142.5	102.8	78.8	58.5
-13.75°	471.5	411.8	357.3	307.8	261.4	210.6	164.4	125.8	90.9	71.1	51.1
-15°	430.0	376.1	326.5	282.0	234.4	183.6	145.7	107.9	82.2	62.8	48.7
-16.25°	389.4	341.0	296.8	252.6	204.6	162.3	125.7	91.8	72.9	53.8	46.1
-17.5°	349.8	306.7	265.8	220.5	175.4	140.2	104.6	81.5	63.0	49.0	43.5
-18.75°	311.7	273.7	231.2	185.9	151.2	117.0	88.5	70.7	52.6	46.1	40.6
-20°	276.4	236.4	193.8	158.7	126.0	93.9	76.7	59.3	48.2	42.9	37.9
-21.25°	236.4	196.4	162.4	131.5	99.8	81.1	64.4	49.9	44.9	39.7	37.5



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	193.8	162.4	133.3	103.4	83.7	67.8	51.6	46.3	41.3	37.7	36.9
-23.75°	158.7	131.5	103.4	84.6	69.5	54.1	47.3	42.5	37.9	37.2	36.4
-25°	126.0	99.8	83.7	69.5	55.0	47.7	43.2	38.6	37.4	36.6	35.9
-26.25°	93.9	81.1	67.8	54.1	47.7	43.5	39.1	37.5	36.8	36.1	35.7
-27.5°	76.7	64.4	51.6	47.3	43.2	39.1	37.5	36.8	36.2	35.7	35.4
-28.75°	59.3	49.9	46.3	42.5	38.6	37.5	36.8	36.2	35.8	35.4	35.1
-30°	48.2	44.9	41.3	37.9	37.4	36.8	36.2	35.8	35.4	35.1	34.8
-31.25°	42.9	39.7	37.7	37.2	36.6	36.1	35.7	35.4	35.1	34.8	34.5
-32.5°	37.9	37.5	36.9	36.4	35.9	35.7	35.4	35.1	34.8	34.5	34.1
-33.75°	37.1	36.6	36.2	35.8	35.6	35.3	35.0	34.7	34.4	34.1	33.6
-35°	36.3	35.9	35.7	35.4	35.2	34.9	34.6	34.4	34.1	33.6	33.0
-36.25°	35.7	35.5	35.3	35.0	34.8	34.5	34.3	34.0	33.4	32.9	32.3
-37.5°	35.3	35.1	34.9	34.6	34.4	34.1	33.8	33.3	32.7	32.2	31.8
-38.75°	34.9	34.6	34.4	34.2	34.0	33.5	33.0	32.5	32.0	31.7	31.5
-40°	34.4	34.2	34.0	33.6	33.2	32.7	32.2	31.9	31.6	31.4	31.1
-41.25°	34.0	33.6	33.2	32.8	32.4	32.0	31.7	31.5	31.3	31.0	30.7
-42.5°	33.1	32.7	32.3	32.0	31.8	31.6	31.3	31.1	30.9	30.6	30.4
-43.75°	32.2	31.9	31.7	31.6	31.4	31.2	30.9	30.7	30.5	30.3	30.0
-45°	31.7	31.5	31.3	31.1	30.9	30.7	30.5	30.3	30.1	29.9	29.6
-46.25°	31.2	31.1	30.9	30.7	30.5	30.3	30.1	29.9	29.7	29.5	29.3
-47.5°	30.8	30.6	30.4	30.3	30.1	29.9	29.7	29.5	29.3	29.1	28.9
-48.75°	30.3	30.2	30.0	29.8	29.7	29.5	29.3	29.1	28.9	28.7	28.5
-50°	29.9	29.7	29.6	29.4	29.3	29.1	28.9	28.7	28.5	28.3	28.1
-51.25°	29.4	29.3	29.1	29.0	28.8	28.7	28.5	28.3	28.1	27.9	27.7
-52.5°	29.0	28.8	28.7	28.5	28.4	28.2	28.1	27.9	27.7	27.5	27.4
-53.75°	28.5	28.4	28.2	28.1	28.0	27.8	27.7	27.5	27.3	27.1	26.9
-55°	28.0	27.9	27.8	27.7	27.5	27.4	27.2	27.1	26.8	26.5	26.1
-56.25°	27.6	27.5	27.4	27.2	27.1	26.9	26.6	26.3	26.0	25.7	25.4
-57.5°	27.1	27.0	26.8	26.6	26.3	26.0	25.8	25.5	25.2	24.9	24.6
-58.75°	26.3	26.1	25.9	25.7	25.4	25.2	24.9	24.6	24.4	24.1	23.8
-60°	25.4	25.2	25.0	24.8	24.6	24.3	24.1	23.8	23.5	23.2	22.9
-61.25°	24.5	24.3	24.1	23.9	23.7	23.4	23.2	22.9	22.5	22.1	21.7
-62.5°	23.6	23.4	23.2	23.0	22.7	22.4	22.0	21.7	21.3	20.9	20.5
-63.75°	22.5	22.2	21.9	21.7	21.4	21.0	20.7	20.4	20.0	19.7	19.3
-65°	21.1	20.8	20.6	20.3	20.0	19.7	19.4	19.1	18.8	18.4	18.1
-66.25°	19.7	19.5	19.2	19.0	18.7	18.4	18.1	17.8	17.5	17.2	16.8
-67.5°	18.3	18.1	17.8	17.6	17.4	17.1	16.8	16.5	16.2	15.9	15.6
-68.75°	16.9	16.7	16.5	16.2	16.0	15.8	15.5	15.2	15.0	14.7	14.4
-70°	15.5	15.3	15.1	14.9	14.7	14.4	14.2	14.0	13.9	13.8	13.7
-71.25°	14.1	14.0	13.9	13.8	13.8	13.7	13.6	13.5	13.5	13.4	13.3
-72.5°	13.6	13.5	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8
-73.75°	13.1	13.0	13.0	12.9	12.8	12.6	12.5	12.4	12.2	12.1	11.9
-75°	12.3	12.2	12.1	12.0	11.9	11.7	11.6	11.5	11.4	11.2	11.1
-76.25°	11.3	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.8	10.7	10.6
-77.5°	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.4	10.3	10.3	10.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.8	9.7	9.5	9.4
-80°	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4	8.2	8.1
-81.25°	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9
-82.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1
-83.75°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2
-85°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-86.25°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
-87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
86.25°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1
85°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
83.75°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
82.5°	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
81.25°	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.0	5.9	5.8
80°	8.0	7.8	7.7	7.5	7.3	7.2	7.0	6.9	6.8	6.6	6.5
78.75°	9.2	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3
77.5°	10.1	10.1	10.0	9.9	9.7	9.5	9.2	9.0	8.8	8.6	8.3
76.25°	10.6	10.5	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.6	9.4
75°	11.0	10.9	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
73.75°	11.8	11.6	11.4	11.3	11.1	11.0	10.9	10.8	10.7	10.6	10.5
72.5°	12.6	12.4	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.9	10.8
71.25°	13.2	13.1	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.3
70°	13.6	13.5	13.4	13.3	13.2	13.1	12.9	12.7	12.4	12.2	11.9
68.75°	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.2	13.1	12.9	12.6
67.5°	15.3	14.9	14.6	14.2	13.9	13.8	13.7	13.6	13.4	13.3	13.1
66.25°	16.5	16.1	15.7	15.4	15.0	14.6	14.2	13.9	13.8	13.6	13.5
65°	17.7	17.3	16.9	16.5	16.1	15.7	15.2	14.8	14.3	14.0	13.8
63.75°	18.9	18.5	18.1	17.7	17.2	16.8	16.3	15.8	15.4	14.9	14.4
62.5°	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9	16.4	15.9	15.3
61.25°	21.3	20.8	20.4	19.9	19.4	18.9	18.4	17.9	17.4	16.9	16.3
60°	22.5	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.4	17.8	17.3
58.75°	23.4	23.1	22.7	22.2	21.6	21.1	20.5	20.0	19.4	18.8	18.2
57.5°	24.2	23.9	23.5	23.2	22.7	22.2	21.6	21.0	20.4	19.8	19.2
56.25°	25.0	24.7	24.3	23.9	23.5	23.2	22.6	22.0	21.4	20.8	20.1
55°	25.8	25.4	25.0	24.7	24.3	23.9	23.4	23.0	22.4	21.7	21.0
53.75°	26.6	26.2	25.8	25.4	25.0	24.5	24.1	23.7	23.2	22.7	22.0
52.5°	27.2	26.9	26.5	26.1	25.7	25.2	24.8	24.3	23.9	23.4	22.9
51.25°	27.5	27.3	27.1	26.8	26.4	25.9	25.5	25.0	24.5	24.0	23.5
50°	27.9	27.7	27.5	27.3	27.0	26.6	26.1	25.6	25.1	24.6	24.1
48.75°	28.3	28.1	27.8	27.6	27.4	27.1	26.8	26.3	25.8	25.2	24.7
47.5°	28.7	28.4	28.2	28.0	27.7	27.5	27.2	26.9	26.4	25.8	25.3
46.25°	29.0	28.8	28.6	28.3	28.1	27.8	27.5	27.3	27.0	26.4	25.9
45°	29.4	29.2	28.9	28.6	28.4	28.1	27.8	27.6	27.3	27.0	26.4
43.75°	29.8	29.5	29.3	29.0	28.7	28.4	28.2	27.9	27.6	27.3	27.0
42.5°	30.1	29.9	29.6	29.3	29.0	28.8	28.5	28.2	27.9	27.6	27.3
41.25°	30.5	30.2	29.9	29.6	29.4	29.1	28.8	28.5	28.2	27.8	27.5
40°	30.8	30.5	30.3	30.0	29.7	29.4	29.1	28.8	28.4	28.1	27.8
38.75°	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.0	28.7	28.4	28.1
37.5°	31.5	31.2	30.9	30.6	30.3	30.0	29.6	29.3	29.0	28.6	28.3
36.25°	31.8	31.5	31.2	30.9	30.6	30.3	29.9	29.6	29.3	28.9	28.6
35°	32.3	31.9	31.5	31.2	30.9	30.5	30.2	29.9	29.5	29.2	28.8



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	33.0	32.3	31.8	31.5	31.2	30.8	30.5	30.1	29.8	29.4	29.0
32.5°	33.6	33.0	32.3	31.8	31.5	31.1	30.7	30.4	30.0	29.6	29.3
31.25°	34.1	33.6	32.9	32.2	31.7	31.4	31.0	30.6	30.3	29.9	29.5
30°	34.4	34.1	33.4	32.7	32.0	31.6	31.3	30.9	30.5	30.1	29.7
28.75°	34.7	34.4	34.0	33.3	32.5	31.9	31.5	31.1	30.7	30.3	29.9
27.5°	35.0	34.6	34.3	33.8	33.0	32.2	31.7	31.3	30.9	30.5	30.1
26.25°	35.3	34.9	34.5	34.1	33.5	32.7	32.0	31.6	31.2	30.7	30.3
25°	35.6	35.2	34.8	34.4	34.0	33.2	32.4	31.8	31.4	30.9	30.5
23.75°	35.8	35.4	35.0	34.6	34.2	33.6	32.8	32.0	31.6	31.1	30.7
22.5°	36.2	35.7	35.3	34.9	34.4	34.0	33.2	32.3	31.7	31.3	30.9
21.25°	36.6	35.9	35.5	35.1	34.6	34.2	33.6	32.7	31.9	31.5	31.1
20°	37.1	36.3	35.7	35.3	34.9	34.4	34.0	33.1	32.2	31.7	31.2
18.75°	37.6	36.7	35.9	35.5	35.0	34.6	34.2	33.4	32.5	31.8	31.4
17.5°	38.0	37.1	36.2	35.7	35.2	34.8	34.3	33.7	32.8	32.0	31.5
16.25°	40.4	37.5	36.6	35.8	35.4	34.9	34.5	34.0	33.1	32.2	31.6
15°	42.8	37.8	36.9	36.0	35.6	35.1	34.6	34.2	33.4	32.5	31.8
13.75°	45.1	39.1	37.3	36.3	35.7	35.2	34.8	34.3	33.6	32.7	31.9
12.5°	47.2	41.1	37.5	36.6	35.8	35.4	34.9	34.4	33.9	32.9	32.0
11.25°	49.1	43.0	37.8	36.9	36.0	35.5	35.0	34.5	34.0	33.1	32.2
10°	50.8	44.6	38.4	37.1	36.1	35.6	35.1	34.6	34.1	33.3	32.3
8.75°	55.7	46.1	39.8	37.3	36.3	35.7	35.2	34.7	34.2	33.5	32.5
7.5°	60.2	47.4	41.1	37.5	36.5	35.8	35.3	34.8	34.3	33.6	32.6
6.25°	64.1	48.5	42.1	37.6	36.7	35.8	35.3	34.9	34.4	33.7	32.7
5°	67.3	49.4	43.0	37.8	36.8	35.9	35.4	34.9	34.4	33.8	32.8
3.75°	69.8	50.1	43.6	37.9	36.9	35.9	35.4	34.9	34.4	33.9	32.9
2.5°	71.6	50.6	44.1	37.9	36.9	36.0	35.5	35.0	34.5	34.0	33.0
1.25°	72.6	50.9	44.4	38.0	37.0	36.0	35.5	35.0	34.5	34.0	33.0
0°	73.0	51.0	44.5	38.0	37.0	36.0	35.5	35.0	34.5	34.0	33.0
-1.25°	72.6	50.9	44.4	38.0	37.0	36.0	35.5	35.0	34.5	34.0	33.0
-2.5°	71.6	50.6	44.1	37.9	36.9	36.0	35.5	35.0	34.5	34.0	33.0
-3.75°	69.8	50.1	43.6	37.9	36.9	35.9	35.4	34.9	34.4	33.9	32.9
-5°	67.3	49.4	43.0	37.8	36.8	35.9	35.4	34.9	34.4	33.8	32.8
-6.25°	64.1	48.5	42.1	37.6	36.7	35.8	35.3	34.9	34.4	33.7	32.7
-7.5°	60.2	47.4	41.1	37.5	36.5	35.8	35.3	34.8	34.3	33.6	32.6
-8.75°	55.7	46.1	39.8	37.3	36.3	35.7	35.2	34.7	34.2	33.5	32.5
-10°	50.8	44.6	38.4	37.1	36.1	35.6	35.1	34.6	34.1	33.3	32.3
-11.25°	49.1	43.0	37.8	36.9	36.0	35.5	35.0	34.5	34.0	33.1	32.2
-12.5°	47.2	41.1	37.5	36.6	35.8	35.4	34.9	34.4	33.9	32.9	32.0
-13.75°	45.1	39.1	37.3	36.3	35.7	35.2	34.8	34.3	33.6	32.7	31.9
-15°	42.8	37.8	36.9	36.0	35.6	35.1	34.6	34.2	33.4	32.5	31.8
-16.25°	40.4	37.5	36.6	35.8	35.4	34.9	34.5	34.0	33.1	32.2	31.6
-17.5°	38.0	37.1	36.2	35.7	35.2	34.8	34.3	33.7	32.8	32.0	31.5
-18.75°	37.6	36.7	35.9	35.5	35.0	34.6	34.2	33.4	32.5	31.8	31.4
-20°	37.1	36.3	35.7	35.3	34.9	34.4	34.0	33.1	32.2	31.7	31.2
-21.25°	36.6	35.9	35.5	35.1	34.6	34.2	33.6	32.7	31.9	31.5	31.1



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	36.2	35.7	35.3	34.9	34.4	34.0	33.2	32.3	31.7	31.3	30.9
-23.75°	35.8	35.4	35.0	34.6	34.2	33.6	32.8	32.0	31.6	31.1	30.7
-25°	35.6	35.2	34.8	34.4	34.0	33.2	32.4	31.8	31.4	30.9	30.5
-26.25°	35.3	34.9	34.5	34.1	33.5	32.7	32.0	31.6	31.2	30.7	30.3
-27.5°	35.0	34.6	34.3	33.8	33.0	32.2	31.7	31.3	30.9	30.5	30.1
-28.75°	34.7	34.4	34.0	33.3	32.5	31.9	31.5	31.1	30.7	30.3	29.9
-30°	34.4	34.1	33.4	32.7	32.0	31.6	31.3	30.9	30.5	30.1	29.7
-31.25°	34.1	33.6	32.9	32.2	31.7	31.4	31.0	30.6	30.3	29.9	29.5
-32.5°	33.6	33.0	32.3	31.8	31.5	31.1	30.7	30.4	30.0	29.6	29.3
-33.75°	33.0	32.3	31.8	31.5	31.2	30.8	30.5	30.1	29.8	29.4	29.0
-35°	32.3	31.9	31.5	31.2	30.9	30.5	30.2	29.9	29.5	29.2	28.8
-36.25°	31.8	31.5	31.2	30.9	30.6	30.3	29.9	29.6	29.3	28.9	28.6
-37.5°	31.5	31.2	30.9	30.6	30.3	30.0	29.6	29.3	29.0	28.6	28.3
-38.75°	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.0	28.7	28.4	28.1
-40°	30.8	30.5	30.3	30.0	29.7	29.4	29.1	28.8	28.4	28.1	27.8
-41.25°	30.5	30.2	29.9	29.6	29.4	29.1	28.8	28.5	28.2	27.8	27.5
-42.5°	30.1	29.9	29.6	29.3	29.0	28.8	28.5	28.2	27.9	27.6	27.3
-43.75°	29.8	29.5	29.3	29.0	28.7	28.4	28.2	27.9	27.6	27.3	27.0
-45°	29.4	29.2	28.9	28.6	28.4	28.1	27.8	27.6	27.3	27.0	26.4
-46.25°	29.0	28.8	28.6	28.3	28.1	27.8	27.5	27.3	27.0	26.4	25.9
-47.5°	28.7	28.4	28.2	28.0	27.7	27.5	27.2	26.9	26.4	25.8	25.3
-48.75°	28.3	28.1	27.8	27.6	27.4	27.1	26.8	26.3	25.8	25.2	24.7
-50°	27.9	27.7	27.5	27.3	27.0	26.6	26.1	25.6	25.1	24.6	24.1
-51.25°	27.5	27.3	27.1	26.8	26.4	25.9	25.5	25.0	24.5	24.0	23.5
-52.5°	27.2	26.9	26.5	26.1	25.7	25.2	24.8	24.3	23.9	23.4	22.9
-53.75°	26.6	26.2	25.8	25.4	25.0	24.5	24.1	23.7	23.2	22.7	22.0
-55°	25.8	25.4	25.0	24.7	24.3	23.9	23.4	23.0	22.4	21.7	21.0
-56.25°	25.0	24.7	24.3	23.9	23.5	23.2	22.6	22.0	21.4	20.8	20.1
-57.5°	24.2	23.9	23.5	23.2	22.7	22.2	21.6	21.0	20.4	19.8	19.2
-58.75°	23.4	23.1	22.7	22.2	21.6	21.1	20.5	20.0	19.4	18.8	18.2
-60°	22.5	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.4	17.8	17.3
-61.25°	21.3	20.8	20.4	19.9	19.4	18.9	18.4	17.9	17.4	16.9	16.3
-62.5°	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9	16.4	15.9	15.3
-63.75°	18.9	18.5	18.1	17.7	17.2	16.8	16.3	15.8	15.4	14.9	14.4
-65°	17.7	17.3	16.9	16.5	16.1	15.7	15.2	14.8	14.3	14.0	13.8
-66.25°	16.5	16.1	15.7	15.4	15.0	14.6	14.2	13.9	13.8	13.6	13.5
-67.5°	15.3	14.9	14.6	14.2	13.9	13.8	13.7	13.6	13.4	13.3	13.1
-68.75°	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.2	13.1	12.9	12.6
-70°	13.6	13.5	13.4	13.3	13.2	13.1	12.9	12.7	12.4	12.2	11.9
-71.25°	13.2	13.1	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.3
-72.5°	12.6	12.4	12.2	12.0	11.9	11.7	11.5	11.2	11.0	10.9	10.8
-73.75°	11.8	11.6	11.4	11.3	11.1	11.0	10.9	10.8	10.7	10.6	10.5
-75°	11.0	10.9	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
-76.25°	10.6	10.5	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.6	9.4
-77.5°	10.1	10.1	10.0	9.9	9.7	9.5	9.2	9.0	8.8	8.6	8.3



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	9.2	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3
-80°	8.0	7.8	7.7	7.5	7.3	7.2	7.0	6.9	6.8	6.6	6.5
-81.25°	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.0	5.9	5.8
-82.5°	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
-83.75°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
-85°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-86.25°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1
-87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
85°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0
83.75°	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7
82.5°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5
81.25°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.2
80°	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4	5.3	5.1	5.0
78.75°	7.1	6.9	6.8	6.6	6.5	6.3	6.1	6.0	5.8	5.6	5.5
77.5°	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0
76.25°	9.1	8.8	8.5	8.3	8.0	7.7	7.4	7.1	6.9	6.7	6.5
75°	10.0	9.8	9.5	9.2	8.9	8.6	8.2	7.9	7.6	7.3	6.9
73.75°	10.4	10.3	10.1	10.0	9.8	9.4	9.1	8.7	8.4	8.0	7.7
72.5°	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.5	9.2	8.8	8.4
71.25°	11.0	10.9	10.8	10.6	10.5	10.4	10.2	10.1	9.9	9.5	9.1
70°	11.7	11.4	11.2	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.8
68.75°	12.3	12.1	11.8	11.5	11.2	11.0	10.8	10.6	10.5	10.3	10.2
67.5°	13.0	12.7	12.4	12.1	11.8	11.5	11.1	10.9	10.7	10.6	10.4
66.25°	13.3	13.2	13.0	12.7	12.4	12.0	11.7	11.3	11.0	10.8	10.6
65°	13.6	13.5	13.3	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.9
63.75°	14.0	13.8	13.6	13.4	13.2	13.1	12.8	12.4	12.0	11.6	11.2
62.5°	14.8	14.3	13.9	13.7	13.5	13.3	13.1	12.9	12.5	12.1	11.7
61.25°	15.8	15.2	14.6	14.0	13.8	13.6	13.4	13.2	13.0	12.6	12.1
60°	16.7	16.1	15.5	14.9	14.3	13.9	13.7	13.5	13.2	13.0	12.6
58.75°	17.6	17.0	16.4	15.7	15.1	14.4	13.9	13.7	13.5	13.2	13.0
57.5°	18.5	17.9	17.2	16.6	15.9	15.2	14.5	13.9	13.7	13.5	13.2
56.25°	19.5	18.8	18.1	17.4	16.7	16.0	15.3	14.6	13.9	13.7	13.5
55°	20.4	19.7	19.0	18.2	17.5	16.8	16.0	15.3	14.5	13.9	13.7
53.75°	21.3	20.5	19.8	19.1	18.3	17.6	16.8	16.0	15.2	14.4	13.9
52.5°	22.1	21.4	20.6	19.9	19.1	18.3	17.5	16.7	15.9	15.1	14.3
51.25°	23.0	22.2	21.5	20.7	19.9	19.1	18.2	17.4	16.6	15.7	14.9
50°	23.6	23.1	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.4	15.5
48.75°	24.2	23.6	23.1	22.2	21.4	20.5	19.7	18.8	17.9	17.0	16.1
47.5°	24.7	24.2	23.6	23.0	22.1	21.3	20.4	19.5	18.5	17.6	16.7
46.25°	25.3	24.7	24.1	23.5	22.9	22.0	21.0	20.1	19.2	18.2	17.3
45°	25.8	25.2	24.6	24.0	23.4	22.7	21.7	20.8	19.8	18.8	17.8
43.75°	26.4	25.8	25.1	24.5	23.9	23.2	22.4	21.4	20.4	19.4	18.4
42.5°	26.9	26.3	25.6	25.0	24.3	23.7	23.0	22.0	21.0	20.0	19.0
41.25°	27.2	26.8	26.1	25.5	24.8	24.1	23.4	22.6	21.6	20.5	19.5
40°	27.5	27.1	26.6	25.9	25.2	24.5	23.9	23.2	22.2	21.1	20.0
38.75°	27.7	27.4	27.0	26.4	25.7	25.0	24.3	23.5	22.7	21.6	20.5
37.5°	28.0	27.6	27.3	26.8	26.1	25.4	24.7	23.9	23.2	22.2	21.0
36.25°	28.2	27.8	27.5	27.1	26.5	25.8	25.0	24.3	23.5	22.7	21.5
35°	28.4	28.1	27.7	27.3	26.9	26.2	25.4	24.7	23.9	23.1	22.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	28.7	28.3	27.9	27.5	27.2	26.6	25.8	25.0	24.2	23.4	22.5
32.5°	28.9	28.5	28.1	27.7	27.4	26.9	26.1	25.4	24.6	23.8	22.9
31.25°	29.1	28.7	28.3	27.9	27.5	27.1	26.5	25.7	24.9	24.1	23.2
30°	29.3	28.9	28.5	28.1	27.7	27.3	26.8	26.0	25.2	24.4	23.5
28.75°	29.5	29.1	28.7	28.3	27.9	27.5	27.1	26.3	25.5	24.6	23.8
27.5°	29.7	29.3	28.9	28.5	28.1	27.7	27.2	26.6	25.8	24.9	24.1
26.25°	29.9	29.5	29.1	28.7	28.2	27.8	27.4	26.9	26.0	25.2	24.3
25°	30.1	29.7	29.3	28.8	28.4	28.0	27.5	27.1	26.3	25.4	24.6
23.75°	30.3	29.8	29.4	29.0	28.5	28.1	27.7	27.2	26.6	25.7	24.8
22.5°	30.4	30.0	29.6	29.1	28.7	28.2	27.8	27.4	26.8	25.9	25.0
21.25°	30.6	30.2	29.7	29.3	28.8	28.4	27.9	27.5	27.0	26.1	25.2
20°	30.8	30.3	29.9	29.4	29.0	28.5	28.0	27.6	27.1	26.3	25.4
18.75°	30.9	30.5	30.0	29.5	29.1	28.6	28.2	27.7	27.2	26.5	25.6
17.5°	31.0	30.6	30.1	29.7	29.2	28.7	28.3	27.8	27.3	26.7	25.8
16.25°	31.2	30.7	30.2	29.8	29.3	28.8	28.4	27.9	27.4	26.9	25.9
15°	31.3	30.8	30.4	29.9	29.4	28.9	28.5	28.0	27.5	27.0	26.1
13.75°	31.4	30.9	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.1	26.2
12.5°	31.5	31.0	30.5	30.1	29.6	29.1	28.6	28.1	27.7	27.2	26.4
11.25°	31.6	31.1	30.6	30.1	29.7	29.2	28.7	28.2	27.7	27.2	26.5
10°	31.7	31.2	30.7	30.2	29.7	29.2	28.8	28.3	27.8	27.3	26.6
8.75°	31.8	31.3	30.8	30.3	29.8	29.3	28.8	28.3	27.8	27.3	26.7
7.5°	31.8	31.3	30.8	30.3	29.8	29.4	28.9	28.4	27.9	27.4	26.8
6.25°	31.9	31.4	30.9	30.4	29.9	29.4	28.9	28.4	27.9	27.4	26.8
5°	31.9	31.4	30.9	30.4	29.9	29.4	28.9	28.4	27.9	27.4	26.9
3.75°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	26.9
2.5°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.0
1.25°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.0
0°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.0
-1.25°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.0
-2.5°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	27.0
-3.75°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.5	26.9
-5°	31.9	31.4	30.9	30.4	29.9	29.4	28.9	28.4	27.9	27.4	26.9
-6.25°	31.9	31.4	30.9	30.4	29.9	29.4	28.9	28.4	27.9	27.4	26.8
-7.5°	31.8	31.3	30.8	30.3	29.8	29.4	28.9	28.4	27.9	27.4	26.8
-8.75°	31.8	31.3	30.8	30.3	29.8	29.3	28.8	28.3	27.8	27.3	26.7
-10°	31.7	31.2	30.7	30.2	29.7	29.2	28.8	28.3	27.8	27.3	26.6
-11.25°	31.6	31.1	30.6	30.1	29.7	29.2	28.7	28.2	27.7	27.2	26.5
-12.5°	31.5	31.0	30.5	30.1	29.6	29.1	28.6	28.1	27.7	27.2	26.4
-13.75°	31.4	30.9	30.5	30.0	29.5	29.0	28.5	28.1	27.6	27.1	26.2
-15°	31.3	30.8	30.4	29.9	29.4	28.9	28.5	28.0	27.5	27.0	26.1
-16.25°	31.2	30.7	30.2	29.8	29.3	28.8	28.4	27.9	27.4	26.9	25.9
-17.5°	31.0	30.6	30.1	29.7	29.2	28.7	28.3	27.8	27.3	26.7	25.8
-18.75°	30.9	30.5	30.0	29.5	29.1	28.6	28.2	27.7	27.2	26.5	25.6
-20°	30.8	30.3	29.9	29.4	29.0	28.5	28.0	27.6	27.1	26.3	25.4
-21.25°	30.6	30.2	29.7	29.3	28.8	28.4	27.9	27.5	27.0	26.1	25.2



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	30.4	30.0	29.6	29.1	28.7	28.2	27.8	27.4	26.8	25.9	25.0
-23.75°	30.3	29.8	29.4	29.0	28.5	28.1	27.7	27.2	26.6	25.7	24.8
-25°	30.1	29.7	29.3	28.8	28.4	28.0	27.5	27.1	26.3	25.4	24.6
-26.25°	29.9	29.5	29.1	28.7	28.2	27.8	27.4	26.9	26.0	25.2	24.3
-27.5°	29.7	29.3	28.9	28.5	28.1	27.7	27.2	26.6	25.8	24.9	24.1
-28.75°	29.5	29.1	28.7	28.3	27.9	27.5	27.1	26.3	25.5	24.6	23.8
-30°	29.3	28.9	28.5	28.1	27.7	27.3	26.8	26.0	25.2	24.4	23.5
-31.25°	29.1	28.7	28.3	27.9	27.5	27.1	26.5	25.7	24.9	24.1	23.2
-32.5°	28.9	28.5	28.1	27.7	27.4	26.9	26.1	25.4	24.6	23.8	22.9
-33.75°	28.7	28.3	27.9	27.5	27.2	26.6	25.8	25.0	24.2	23.4	22.5
-35°	28.4	28.1	27.7	27.3	26.9	26.2	25.4	24.7	23.9	23.1	22.0
-36.25°	28.2	27.8	27.5	27.1	26.5	25.8	25.0	24.3	23.5	22.7	21.5
-37.5°	28.0	27.6	27.3	26.8	26.1	25.4	24.7	23.9	23.2	22.2	21.0
-38.75°	27.7	27.4	27.0	26.4	25.7	25.0	24.3	23.5	22.7	21.6	20.5
-40°	27.5	27.1	26.6	25.9	25.2	24.5	23.9	23.2	22.2	21.1	20.0
-41.25°	27.2	26.8	26.1	25.5	24.8	24.1	23.4	22.6	21.6	20.5	19.5
-42.5°	26.9	26.3	25.6	25.0	24.3	23.7	23.0	22.0	21.0	20.0	19.0
-43.75°	26.4	25.8	25.1	24.5	23.9	23.2	22.4	21.4	20.4	19.4	18.4
-45°	25.8	25.2	24.6	24.0	23.4	22.7	21.7	20.8	19.8	18.8	17.8
-46.25°	25.3	24.7	24.1	23.5	22.9	22.0	21.0	20.1	19.2	18.2	17.3
-47.5°	24.7	24.2	23.6	23.0	22.1	21.3	20.4	19.5	18.5	17.6	16.7
-48.75°	24.2	23.6	23.1	22.2	21.4	20.5	19.7	18.8	17.9	17.0	16.1
-50°	23.6	23.1	22.3	21.5	20.6	19.8	19.0	18.1	17.2	16.4	15.5
-51.25°	23.0	22.2	21.5	20.7	19.9	19.1	18.2	17.4	16.6	15.7	14.9
-52.5°	22.1	21.4	20.6	19.9	19.1	18.3	17.5	16.7	15.9	15.1	14.3
-53.75°	21.3	20.5	19.8	19.1	18.3	17.6	16.8	16.0	15.2	14.4	13.9
-55°	20.4	19.7	19.0	18.2	17.5	16.8	16.0	15.3	14.5	13.9	13.7
-56.25°	19.5	18.8	18.1	17.4	16.7	16.0	15.3	14.6	13.9	13.7	13.5
-57.5°	18.5	17.9	17.2	16.6	15.9	15.2	14.5	13.9	13.7	13.5	13.2
-58.75°	17.6	17.0	16.4	15.7	15.1	14.4	13.9	13.7	13.5	13.2	13.0
-60°	16.7	16.1	15.5	14.9	14.3	13.9	13.7	13.5	13.2	13.0	12.6
-61.25°	15.8	15.2	14.6	14.0	13.8	13.6	13.4	13.2	13.0	12.6	12.1
-62.5°	14.8	14.3	13.9	13.7	13.5	13.3	13.1	12.9	12.5	12.1	11.7
-63.75°	14.0	13.8	13.6	13.4	13.2	13.1	12.8	12.4	12.0	11.6	11.2
-65°	13.6	13.5	13.3	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.9
-66.25°	13.3	13.2	13.0	12.7	12.4	12.0	11.7	11.3	11.0	10.8	10.6
-67.5°	13.0	12.7	12.4	12.1	11.8	11.5	11.1	10.9	10.7	10.6	10.4
-68.75°	12.3	12.1	11.8	11.5	11.2	11.0	10.8	10.6	10.5	10.3	10.2
-70°	11.7	11.4	11.2	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.8
-71.25°	11.0	10.9	10.8	10.6	10.5	10.4	10.2	10.1	9.9	9.5	9.1
-72.5°	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.5	9.2	8.8	8.4
-73.75°	10.4	10.3	10.1	10.0	9.8	9.4	9.1	8.7	8.4	8.0	7.7
-75°	10.0	9.8	9.5	9.2	8.9	8.6	8.2	7.9	7.6	7.3	6.9
-76.25°	9.1	8.8	8.5	8.3	8.0	7.7	7.4	7.1	6.9	6.7	6.5
-77.5°	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.2	6.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	7.1	6.9	6.8	6.6	6.5	6.3	6.1	6.0	5.8	5.6	5.5
-80°	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4	5.3	5.1	5.0
-81.25°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.2
-82.5°	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5
-83.75°	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7
-85°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
83.75°	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
82.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.7
81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	2.0
80°	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3
78.75°	5.3	5.1	4.9	4.7	4.4	4.1	3.9	3.6	3.3	3.0	2.8
77.5°	5.8	5.6	5.4	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2
76.25°	6.3	6.0	5.8	5.6	5.4	5.2	4.9	4.6	4.3	3.9	3.6
75°	6.7	6.5	6.3	6.0	5.8	5.5	5.3	5.1	4.7	4.4	4.0
73.75°	7.3	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.4
72.5°	8.0	7.6	7.2	6.8	6.6	6.3	6.0	5.7	5.4	5.2	4.8
71.25°	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.1
70°	9.4	8.9	8.4	8.0	7.5	7.0	6.7	6.4	6.0	5.7	5.4
68.75°	10.0	9.6	9.1	8.6	8.1	7.6	7.1	6.7	6.4	6.0	5.7
67.5°	10.2	10.1	9.7	9.2	8.6	8.1	7.6	7.0	6.7	6.3	5.9
66.25°	10.5	10.3	10.1	9.8	9.2	8.6	8.1	7.5	7.0	6.6	6.2
65°	10.7	10.5	10.3	10.1	9.8	9.2	8.6	8.0	7.4	6.8	6.4
63.75°	10.9	10.7	10.5	10.3	10.1	9.7	9.1	8.4	7.8	7.2	6.7
62.5°	11.3	10.9	10.7	10.5	10.3	10.1	9.6	8.9	8.2	7.6	6.9
61.25°	11.7	11.3	10.9	10.7	10.5	10.2	10.0	9.4	8.7	8.0	7.3
60°	12.1	11.7	11.2	10.9	10.6	10.4	10.2	9.8	9.1	8.4	7.7
58.75°	12.6	12.1	11.6	11.1	10.8	10.6	10.3	10.1	9.5	8.8	8.0
57.5°	13.0	12.5	12.0	11.5	11.0	10.7	10.5	10.2	9.9	9.2	8.4
56.25°	13.2	12.9	12.4	11.9	11.3	10.9	10.6	10.4	10.1	9.5	8.7
55°	13.4	13.1	12.8	12.2	11.7	11.1	10.8	10.5	10.2	9.9	9.1
53.75°	13.6	13.3	13.1	12.6	12.0	11.5	11.0	10.7	10.4	10.1	9.4
52.5°	13.8	13.5	13.2	12.9	12.4	11.8	11.2	10.8	10.5	10.2	9.8
51.25°	14.0	13.7	13.4	13.1	12.7	12.1	11.5	10.9	10.6	10.3	10.0
50°	14.6	13.9	13.6	13.3	13.0	12.4	11.8	11.2	10.8	10.5	10.1
48.75°	15.2	14.3	13.8	13.5	13.2	12.7	12.1	11.4	10.9	10.6	10.3
47.5°	15.8	14.8	14.0	13.6	13.3	13.0	12.3	11.7	11.0	10.7	10.4
46.25°	16.3	15.3	14.4	13.8	13.5	13.1	12.6	11.9	11.3	10.8	10.5
45°	16.9	15.9	14.9	14.0	13.6	13.3	12.9	12.2	11.5	10.9	10.6
43.75°	17.4	16.4	15.4	14.3	13.8	13.4	13.1	12.4	11.7	11.0	10.7
42.5°	17.9	16.9	15.8	14.8	13.9	13.6	13.2	12.7	12.0	11.2	10.8
41.25°	18.4	17.4	16.3	15.2	14.2	13.7	13.3	12.9	12.2	11.5	10.9
40°	18.9	17.9	16.8	15.7	14.6	13.8	13.4	13.1	12.4	11.7	11.0
38.75°	19.4	18.3	17.2	16.1	15.0	13.9	13.6	13.2	12.6	11.9	11.1
37.5°	19.9	18.8	17.7	16.5	15.4	14.2	13.7	13.3	12.8	12.0	11.3
36.25°	20.4	19.2	18.1	16.9	15.7	14.6	13.8	13.4	13.0	12.2	11.4
35°	20.8	19.7	18.5	17.3	16.1	14.9	13.9	13.5	13.1	12.4	11.6



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	21.3	20.1	18.9	17.7	16.5	15.3	14.0	13.6	13.2	12.6	11.8
32.5°	21.7	20.5	19.3	18.1	16.8	15.6	14.4	13.7	13.3	12.8	11.9
31.25°	22.1	20.9	19.7	18.4	17.2	15.9	14.7	13.8	13.4	12.9	12.1
30°	22.5	21.3	20.0	18.8	17.5	16.2	15.0	13.9	13.5	13.0	12.2
28.75°	22.9	21.7	20.4	19.1	17.8	16.5	15.2	14.0	13.5	13.1	12.4
27.5°	23.2	22.0	20.7	19.4	18.1	16.8	15.5	14.2	13.6	13.2	12.5
26.25°	23.4	22.4	21.0	19.7	18.4	17.1	15.8	14.4	13.7	13.3	12.6
25°	23.7	22.7	21.4	20.0	18.7	17.4	16.0	14.7	13.8	13.3	12.8
23.75°	23.9	23.0	21.7	20.3	19.0	17.6	16.2	14.9	13.8	13.4	12.9
22.5°	24.1	23.2	21.9	20.6	19.2	17.8	16.5	15.1	13.9	13.5	13.0
21.25°	24.3	23.4	22.2	20.8	19.5	18.1	16.7	15.3	14.0	13.5	13.0
20°	24.5	23.6	22.5	21.1	19.7	18.3	16.9	15.5	14.1	13.6	13.1
18.75°	24.7	23.7	22.7	21.3	19.9	18.5	17.1	15.7	14.3	13.6	13.1
17.5°	24.8	23.9	22.9	21.5	20.1	18.7	17.3	15.8	14.4	13.7	13.2
16.25°	25.0	24.1	23.1	21.7	20.3	18.9	17.4	16.0	14.6	13.7	13.2
15°	25.1	24.2	23.2	21.9	20.5	19.0	17.6	16.1	14.7	13.8	13.3
13.75°	25.3	24.3	23.4	22.1	20.6	19.2	17.7	16.3	14.8	13.8	13.3
12.5°	25.4	24.4	23.5	22.2	20.8	19.3	17.9	16.4	14.9	13.8	13.3
11.25°	25.5	24.5	23.6	22.4	20.9	19.5	18.0	16.5	15.1	13.9	13.4
10°	25.6	24.6	23.7	22.5	21.0	19.6	18.1	16.6	15.1	13.9	13.4
8.75°	25.7	24.7	23.7	22.6	21.1	19.7	18.2	16.7	15.2	13.9	13.4
7.5°	25.8	24.8	23.8	22.7	21.2	19.8	18.3	16.8	15.3	13.9	13.4
6.25°	25.9	24.9	23.9	22.8	21.3	19.8	18.3	16.9	15.4	14.0	13.5
5°	25.9	24.9	23.9	22.9	21.4	19.9	18.4	16.9	15.4	14.0	13.5
3.75°	25.9	24.9	24.0	22.9	21.4	19.9	18.4	16.9	15.5	14.0	13.5
2.5°	26.0	25.0	24.0	23.0	21.5	20.0	18.5	17.0	15.5	14.0	13.5
1.25°	26.0	25.0	24.0	23.0	21.5	20.0	18.5	17.0	15.5	14.0	13.5
0°	26.0	25.0	24.0	23.0	21.5	20.0	18.5	17.0	15.5	14.0	13.5
-1.25°	26.0	25.0	24.0	23.0	21.5	20.0	18.5	17.0	15.5	14.0	13.5
-2.5°	26.0	25.0	24.0	23.0	21.5	20.0	18.5	17.0	15.5	14.0	13.5
-3.75°	25.9	24.9	24.0	22.9	21.4	19.9	18.4	16.9	15.5	14.0	13.5
-5°	25.9	24.9	23.9	22.9	21.4	19.9	18.4	16.9	15.4	14.0	13.5
-6.25°	25.9	24.9	23.9	22.8	21.3	19.8	18.3	16.9	15.4	14.0	13.5
-7.5°	25.8	24.8	23.8	22.7	21.2	19.8	18.3	16.8	15.3	13.9	13.4
-8.75°	25.7	24.7	23.7	22.6	21.1	19.7	18.2	16.7	15.2	13.9	13.4
-10°	25.6	24.6	23.7	22.5	21.0	19.6	18.1	16.6	15.1	13.9	13.4
-11.25°	25.5	24.5	23.6	22.4	20.9	19.5	18.0	16.5	15.1	13.9	13.4
-12.5°	25.4	24.4	23.5	22.2	20.8	19.3	17.9	16.4	14.9	13.8	13.3
-13.75°	25.3	24.3	23.4	22.1	20.6	19.2	17.7	16.3	14.8	13.8	13.3
-15°	25.1	24.2	23.2	21.9	20.5	19.0	17.6	16.1	14.7	13.8	13.3
-16.25°	25.0	24.1	23.1	21.7	20.3	18.9	17.4	16.0	14.6	13.7	13.2
-17.5°	24.8	23.9	22.9	21.5	20.1	18.7	17.3	15.8	14.4	13.7	13.2
-18.75°	24.7	23.7	22.7	21.3	19.9	18.5	17.1	15.7	14.3	13.6	13.1
-20°	24.5	23.6	22.5	21.1	19.7	18.3	16.9	15.5	14.1	13.6	13.1
-21.25°	24.3	23.4	22.2	20.8	19.5	18.1	16.7	15.3	14.0	13.5	13.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	24.1	23.2	21.9	20.6	19.2	17.8	16.5	15.1	13.9	13.5	13.0
-23.75°	23.9	23.0	21.7	20.3	19.0	17.6	16.2	14.9	13.8	13.4	12.9
-25°	23.7	22.7	21.4	20.0	18.7	17.4	16.0	14.7	13.8	13.3	12.8
-26.25°	23.4	22.4	21.0	19.7	18.4	17.1	15.8	14.4	13.7	13.3	12.6
-27.5°	23.2	22.0	20.7	19.4	18.1	16.8	15.5	14.2	13.6	13.2	12.5
-28.75°	22.9	21.7	20.4	19.1	17.8	16.5	15.2	14.0	13.5	13.1	12.4
-30°	22.5	21.3	20.0	18.8	17.5	16.2	15.0	13.9	13.5	13.0	12.2
-31.25°	22.1	20.9	19.7	18.4	17.2	15.9	14.7	13.8	13.4	12.9	12.1
-32.5°	21.7	20.5	19.3	18.1	16.8	15.6	14.4	13.7	13.3	12.8	11.9
-33.75°	21.3	20.1	18.9	17.7	16.5	15.3	14.0	13.6	13.2	12.6	11.8
-35°	20.8	19.7	18.5	17.3	16.1	14.9	13.9	13.5	13.1	12.4	11.6
-36.25°	20.4	19.2	18.1	16.9	15.7	14.6	13.8	13.4	13.0	12.2	11.4
-37.5°	19.9	18.8	17.7	16.5	15.4	14.2	13.7	13.3	12.8	12.0	11.3
-38.75°	19.4	18.3	17.2	16.1	15.0	13.9	13.6	13.2	12.6	11.9	11.1
-40°	18.9	17.9	16.8	15.7	14.6	13.8	13.4	13.1	12.4	11.7	11.0
-41.25°	18.4	17.4	16.3	15.2	14.2	13.7	13.3	12.9	12.2	11.5	10.9
-42.5°	17.9	16.9	15.8	14.8	13.9	13.6	13.2	12.7	12.0	11.2	10.8
-43.75°	17.4	16.4	15.4	14.3	13.8	13.4	13.1	12.4	11.7	11.0	10.7
-45°	16.9	15.9	14.9	14.0	13.6	13.3	12.9	12.2	11.5	10.9	10.6
-46.25°	16.3	15.3	14.4	13.8	13.5	13.1	12.6	11.9	11.3	10.8	10.5
-47.5°	15.8	14.8	14.0	13.6	13.3	13.0	12.3	11.7	11.0	10.7	10.4
-48.75°	15.2	14.3	13.8	13.5	13.2	12.7	12.1	11.4	10.9	10.6	10.3
-50°	14.6	13.9	13.6	13.3	13.0	12.4	11.8	11.2	10.8	10.5	10.1
-51.25°	14.0	13.7	13.4	13.1	12.7	12.1	11.5	10.9	10.6	10.3	10.0
-52.5°	13.8	13.5	13.2	12.9	12.4	11.8	11.2	10.8	10.5	10.2	9.8
-53.75°	13.6	13.3	13.1	12.6	12.0	11.5	11.0	10.7	10.4	10.1	9.4
-55°	13.4	13.1	12.8	12.2	11.7	11.1	10.8	10.5	10.2	9.9	9.1
-56.25°	13.2	12.9	12.4	11.9	11.3	10.9	10.6	10.4	10.1	9.5	8.7
-57.5°	13.0	12.5	12.0	11.5	11.0	10.7	10.5	10.2	9.9	9.2	8.4
-58.75°	12.6	12.1	11.6	11.1	10.8	10.6	10.3	10.1	9.5	8.8	8.0
-60°	12.1	11.7	11.2	10.9	10.6	10.4	10.2	9.8	9.1	8.4	7.7
-61.25°	11.7	11.3	10.9	10.7	10.5	10.2	10.0	9.4	8.7	8.0	7.3
-62.5°	11.3	10.9	10.7	10.5	10.3	10.1	9.6	8.9	8.2	7.6	6.9
-63.75°	10.9	10.7	10.5	10.3	10.1	9.7	9.1	8.4	7.8	7.2	6.7
-65°	10.7	10.5	10.3	10.1	9.8	9.2	8.6	8.0	7.4	6.8	6.4
-66.25°	10.5	10.3	10.1	9.8	9.2	8.6	8.1	7.5	7.0	6.6	6.2
-67.5°	10.2	10.1	9.7	9.2	8.6	8.1	7.6	7.0	6.7	6.3	5.9
-68.75°	10.0	9.6	9.1	8.6	8.1	7.6	7.1	6.7	6.4	6.0	5.7
-70°	9.4	8.9	8.4	8.0	7.5	7.0	6.7	6.4	6.0	5.7	5.4
-71.25°	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.0	5.7	5.4	5.1
-72.5°	8.0	7.6	7.2	6.8	6.6	6.3	6.0	5.7	5.4	5.2	4.8
-73.75°	7.3	6.9	6.7	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.4
-75°	6.7	6.5	6.3	6.0	5.8	5.5	5.3	5.1	4.7	4.4	4.0
-76.25°	6.3	6.0	5.8	5.6	5.4	5.2	4.9	4.6	4.3	3.9	3.6
-77.5°	5.8	5.6	5.4	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-UNV

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°	5.3	5.1	4.9	4.7	4.4	4.1	3.9	3.6	3.3	3.0	2.8
-80°	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3
-81.25°	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	2.0
-82.5°	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.7
-83.75°	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-UNV

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°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
78.75°	2.5	2.2	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
77.5°	2.9	2.5	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
76.25°	3.2	2.9	2.5	2.2	1.9	1.7	1.4	1.2	0.9	0.7	0.5
75°	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
73.75°	4.0	3.6	3.2	2.8	2.3	2.0	1.7	1.4	1.1	0.8	0.6
72.5°	4.4	3.9	3.5	3.0	2.6	2.1	1.8	1.5	1.2	0.9	0.6
71.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.6	1.3	1.0	0.6
70°	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.7	1.4	1.0	0.7
68.75°	5.3	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.4	1.1	0.7
67.5°	5.5	5.2	4.7	4.1	3.6	3.0	2.4	1.9	1.5	1.1	0.8
66.25°	5.8	5.4	5.0	4.4	3.8	3.2	2.6	2.0	1.6	1.2	0.8
65°	6.0	5.6	5.2	4.7	4.1	3.4	2.8	2.2	1.7	1.3	0.8
63.75°	6.3	5.8	5.4	4.9	4.3	3.6	3.0	2.3	1.8	1.3	0.9
62.5°	6.5	6.0	5.6	5.1	4.5	3.8	3.1	2.5	1.8	1.4	0.9
61.25°	6.7	6.3	5.8	5.3	4.7	4.0	3.3	2.6	1.9	1.4	1.0
60°	6.9	6.5	6.0	5.5	5.0	4.2	3.5	2.7	2.0	1.5	1.0
58.75°	7.3	6.7	6.2	5.6	5.1	4.4	3.7	2.9	2.1	1.6	1.0
57.5°	7.6	6.9	6.3	5.8	5.3	4.6	3.8	3.0	2.2	1.6	1.1
56.25°	7.9	7.1	6.5	6.0	5.4	4.8	4.0	3.2	2.3	1.7	1.1
55°	8.2	7.4	6.7	6.1	5.6	5.0	4.2	3.3	2.4	1.7	1.1
53.75°	8.6	7.7	6.9	6.3	5.7	5.1	4.3	3.4	2.5	1.8	1.2
52.5°	8.9	8.0	7.1	6.5	5.9	5.3	4.5	3.6	2.6	1.8	1.2
51.25°	9.2	8.3	7.3	6.6	6.0	5.4	4.6	3.7	2.8	1.9	1.3
50°	9.5	8.5	7.6	6.8	6.1	5.5	4.8	3.8	2.9	1.9	1.3
48.75°	9.8	8.8	7.8	6.9	6.3	5.6	4.9	3.9	3.0	2.0	1.3
47.5°	10.0	9.1	8.1	7.1	6.4	5.7	5.0	4.1	3.1	2.0	1.4
46.25°	10.1	9.4	8.3	7.3	6.5	5.8	5.1	4.2	3.1	2.1	1.4
45°	10.2	9.6	8.6	7.5	6.6	5.9	5.2	4.3	3.2	2.2	1.4
43.75°	10.3	9.9	8.8	7.7	6.8	6.0	5.3	4.4	3.3	2.2	1.4
42.5°	10.4	10.0	9.0	7.9	6.9	6.2	5.4	4.5	3.4	2.3	1.5
41.25°	10.5	10.1	9.2	8.1	7.0	6.3	5.5	4.6	3.5	2.4	1.5
40°	10.6	10.2	9.5	8.3	7.2	6.4	5.6	4.7	3.6	2.4	1.5
38.75°	10.7	10.3	9.7	8.5	7.3	6.5	5.7	4.8	3.7	2.5	1.6
37.5°	10.7	10.3	9.9	8.7	7.5	6.5	5.8	4.9	3.8	2.6	1.6
36.25°	10.8	10.4	10.0	8.9	7.7	6.6	5.8	5.0	3.8	2.6	1.6
35°	10.9	10.5	10.1	9.0	7.8	6.7	5.9	5.1	3.9	2.7	1.6



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	11.0	10.6	10.1	9.2	8.0	6.8	6.0	5.2	4.0	2.7	1.7
32.5°	11.1	10.6	10.2	9.4	8.1	6.9	6.1	5.2	4.1	2.8	1.7
31.25°	11.2	10.7	10.3	9.5	8.2	7.0	6.1	5.3	4.1	2.8	1.7
30°	11.4	10.8	10.3	9.7	8.4	7.1	6.2	5.3	4.2	2.9	1.7
28.75°	11.5	10.8	10.4	9.8	8.5	7.2	6.3	5.4	4.3	2.9	1.8
27.5°	11.6	10.9	10.4	10.0	8.6	7.3	6.3	5.4	4.3	3.0	1.8
26.25°	11.7	10.9	10.5	10.0	8.8	7.4	6.4	5.5	4.4	3.0	1.8
25°	11.9	11.0	10.5	10.1	8.9	7.5	6.4	5.5	4.4	3.1	1.8
23.75°	12.0	11.1	10.6	10.1	9.0	7.6	6.5	5.6	4.5	3.1	1.8
22.5°	12.1	11.1	10.6	10.2	9.1	7.7	6.5	5.6	4.5	3.2	1.8
21.25°	12.2	11.2	10.7	10.2	9.2	7.8	6.6	5.7	4.6	3.2	1.9
20°	12.3	11.3	10.7	10.2	9.3	7.9	6.6	5.7	4.6	3.2	1.9
18.75°	12.3	11.4	10.7	10.3	9.4	7.9	6.7	5.7	4.7	3.3	1.9
17.5°	12.4	11.5	10.8	10.3	9.4	8.0	6.7	5.8	4.7	3.3	1.9
16.25°	12.5	11.6	10.8	10.3	9.5	8.1	6.8	5.8	4.8	3.3	1.9
15°	12.6	11.6	10.8	10.3	9.6	8.1	6.8	5.8	4.8	3.3	1.9
13.75°	12.6	11.7	10.9	10.4	9.7	8.2	6.8	5.9	4.8	3.4	1.9
12.5°	12.7	11.7	10.9	10.4	9.7	8.2	6.9	5.9	4.9	3.4	2.0
11.25°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.4	2.0
10°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.4	2.0
8.75°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	4.9	3.4	2.0
7.5°	12.9	11.9	11.0	10.5	9.9	8.4	6.9	6.0	4.9	3.5	2.0
6.25°	12.9	11.9	11.0	10.5	9.9	8.4	7.0	6.0	5.0	3.5	2.0
5°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
3.75°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
2.5°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
1.25°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
0°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
-1.25°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
-2.5°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
-3.75°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
-5°	13.0	12.0	11.0	10.5	10.0	8.5	7.0	6.0	5.0	3.5	2.0
-6.25°	12.9	11.9	11.0	10.5	9.9	8.4	7.0	6.0	5.0	3.5	2.0
-7.5°	12.9	11.9	11.0	10.5	9.9	8.4	6.9	6.0	4.9	3.5	2.0
-8.75°	12.9	11.9	10.9	10.4	9.9	8.4	6.9	5.9	4.9	3.4	2.0
-10°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.4	2.0
-11.25°	12.8	11.8	10.9	10.4	9.8	8.3	6.9	5.9	4.9	3.4	2.0
-12.5°	12.7	11.7	10.9	10.4	9.7	8.2	6.9	5.9	4.9	3.4	2.0
-13.75°	12.6	11.7	10.9	10.4	9.7	8.2	6.8	5.9	4.8	3.4	1.9
-15°	12.6	11.6	10.8	10.3	9.6	8.1	6.8	5.8	4.8	3.3	1.9
-16.25°	12.5	11.6	10.8	10.3	9.5	8.1	6.8	5.8	4.8	3.3	1.9
-17.5°	12.4	11.5	10.8	10.3	9.4	8.0	6.7	5.8	4.7	3.3	1.9
-18.75°	12.3	11.4	10.7	10.3	9.4	7.9	6.7	5.7	4.7	3.3	1.9
-20°	12.3	11.3	10.7	10.2	9.3	7.9	6.6	5.7	4.6	3.2	1.9
-21.25°	12.2	11.2	10.7	10.2	9.2	7.8	6.6	5.7	4.6	3.2	1.9



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCB-W-WT-LC2-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°	12.1	11.1	10.6	10.2	9.1	7.7	6.5	5.6	4.5	3.2	1.8
-23.75°	12.0	11.1	10.6	10.1	9.0	7.6	6.5	5.6	4.5	3.1	1.8
-25°	11.9	11.0	10.5	10.1	8.9	7.5	6.4	5.5	4.4	3.1	1.8
-26.25°	11.7	10.9	10.5	10.0	8.8	7.4	6.4	5.5	4.4	3.0	1.8
-27.5°	11.6	10.9	10.4	10.0	8.6	7.3	6.3	5.4	4.3	3.0	1.8
-28.75°	11.5	10.8	10.4	9.8	8.5	7.2	6.3	5.4	4.3	2.9	1.8
-30°	11.4	10.8	10.3	9.7	8.4	7.1	6.2	5.3	4.2	2.9	1.7
-31.25°	11.2	10.7	10.3	9.5	8.2	7.0	6.1	5.3	4.1	2.8	1.7
-32.5°	11.1	10.6	10.2	9.4	8.1	6.9	6.1	5.2	4.1	2.8	1.7
-33.75°	11.0	10.6	10.1	9.2	8.0	6.8	6.0	5.2	4.0	2.7	1.7
-35°	10.9	10.5	10.1	9.0	7.8	6.7	5.9	5.1	3.9	2.7	1.6
-36.25°	10.8	10.4	10.0	8.9	7.7	6.6	5.8	5.0	3.8	2.6	1.6
-37.5°	10.7	10.3	9.9	8.7	7.5	6.5	5.8	4.9	3.8	2.6	1.6
-38.75°	10.7	10.3	9.7	8.5	7.3	6.5	5.7	4.8	3.7	2.5	1.6
-40°	10.6	10.2	9.5	8.3	7.2	6.4	5.6	4.7	3.6	2.4	1.5
-41.25°	10.5	10.1	9.2	8.1	7.0	6.3	5.5	4.6	3.5	2.4	1.5
-42.5°	10.4	10.0	9.0	7.9	6.9	6.2	5.4	4.5	3.4	2.3	1.5
-43.75°	10.3	9.9	8.8	7.7	6.8	6.0	5.3	4.4	3.3	2.2	1.4
-45°	10.2	9.6	8.6	7.5	6.6	5.9	5.2	4.3	3.2	2.2	1.4
-46.25°	10.1	9.4	8.3	7.3	6.5	5.8	5.1	4.2	3.1	2.1	1.4
-47.5°	10.0	9.1	8.1	7.1	6.4	5.7	5.0	4.1	3.1	2.0	1.4
-48.75°	9.8	8.8	7.8	6.9	6.3	5.6	4.9	3.9	3.0	2.0	1.3
-50°	9.5	8.5	7.6	6.8	6.1	5.5	4.8	3.8	2.9	1.9	1.3
-51.25°	9.2	8.3	7.3	6.6	6.0	5.4	4.6	3.7	2.8	1.9	1.3
-52.5°	8.9	8.0	7.1	6.5	5.9	5.3	4.5	3.6	2.6	1.8	1.2
-53.75°	8.6	7.7	6.9	6.3	5.7	5.1	4.3	3.4	2.5	1.8	1.2
-55°	8.2	7.4	6.7	6.1	5.6	5.0	4.2	3.3	2.4	1.7	1.1
-56.25°	7.9	7.1	6.5	6.0	5.4	4.8	4.0	3.2	2.3	1.7	1.1
-57.5°	7.6	6.9	6.3	5.8	5.3	4.6	3.8	3.0	2.2	1.6	1.1
-58.75°	7.3	6.7	6.2	5.6	5.1	4.4	3.7	2.9	2.1	1.6	1.0
-60°	6.9	6.5	6.0	5.5	5.0	4.2	3.5	2.7	2.0	1.5	1.0
-61.25°	6.7	6.3	5.8	5.3	4.7	4.0	3.3	2.6	1.9	1.4	1.0
-62.5°	6.5	6.0	5.6	5.1	4.5	3.8	3.1	2.5	1.8	1.4	0.9
-63.75°	6.3	5.8	5.4	4.9	4.3	3.6	3.0	2.3	1.8	1.3	0.9
-65°	6.0	5.6	5.2	4.7	4.1	3.4	2.8	2.2	1.7	1.3	0.8
-66.25°	5.8	5.4	5.0	4.4	3.8	3.2	2.6	2.0	1.6	1.2	0.8
-67.5°	5.5	5.2	4.7	4.1	3.6	3.0	2.4	1.9	1.5	1.1	0.8
-68.75°	5.3	4.9	4.4	3.9	3.3	2.8	2.3	1.8	1.4	1.1	0.7
-70°	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.7	1.4	1.0	0.7
-71.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.6	1.3	1.0	0.6
-72.5°	4.4	3.9	3.5	3.0	2.6	2.1	1.8	1.5	1.2	0.9	0.6
-73.75°	4.0	3.6	3.2	2.8	2.3	2.0	1.7	1.4	1.1	0.8	0.6
-75°	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-76.25°	3.2	2.9	2.5	2.2	1.9	1.7	1.4	1.2	0.9	0.7	0.5
-77.5°	2.9	2.5	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-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°	2.5	2.2	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
-85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	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: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-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°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.4	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.5	0.0
61.25°	0.5	0.0
60°	0.5	0.0
58.75°	0.5	0.0
57.5°	0.5	0.0
56.25°	0.6	0.0
55°	0.6	0.0
53.75°	0.6	0.0
52.5°	0.6	0.0
51.25°	0.6	0.0
50°	0.6	0.0
48.75°	0.7	0.0
47.5°	0.7	0.0
46.25°	0.7	0.0
45°	0.7	0.0
43.75°	0.7	0.0
42.5°	0.7	0.0
41.25°	0.8	0.0
40°	0.8	0.0
38.75°	0.8	0.0
37.5°	0.8	0.0
36.25°	0.8	0.0
35°	0.8	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.8	0.0
32.5°	0.8	0.0
31.25°	0.9	0.0
30°	0.9	0.0
28.75°	0.9	0.0
27.5°	0.9	0.0
26.25°	0.9	0.0
25°	0.9	0.0
23.75°	0.9	0.0
22.5°	0.9	0.0
21.25°	0.9	0.0
20°	0.9	0.0
18.75°	0.9	0.0
17.5°	1.0	0.0
16.25°	1.0	0.0
15°	1.0	0.0
13.75°	1.0	0.0
12.5°	1.0	0.0
11.25°	1.0	0.0
10°	1.0	0.0
8.75°	1.0	0.0
7.5°	1.0	0.0
6.25°	1.0	0.0
5°	1.0	0.0
3.75°	1.0	0.0
2.5°	1.0	0.0
1.25°	1.0	0.0
0°	1.0	0.0
-1.25°	1.0	0.0
-2.5°	1.0	0.0
-3.75°	1.0	0.0
-5°	1.0	0.0
-6.25°	1.0	0.0
-7.5°	1.0	0.0
-8.75°	1.0	0.0
-10°	1.0	0.0
-11.25°	1.0	0.0
-12.5°	1.0	0.0
-13.75°	1.0	0.0
-15°	1.0	0.0
-16.25°	1.0	0.0
-17.5°	1.0	0.0
-18.75°	0.9	0.0
-20°	0.9	0.0
-21.25°	0.9	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCEB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.9	0.0
-23.75°	0.9	0.0
-25°	0.9	0.0
-26.25°	0.9	0.0
-27.5°	0.9	0.0
-28.75°	0.9	0.0
-30°	0.9	0.0
-31.25°	0.9	0.0
-32.5°	0.8	0.0
-33.75°	0.8	0.0
-35°	0.8	0.0
-36.25°	0.8	0.0
-37.5°	0.8	0.0
-38.75°	0.8	0.0
-40°	0.8	0.0
-41.25°	0.8	0.0
-42.5°	0.7	0.0
-43.75°	0.7	0.0
-45°	0.7	0.0
-46.25°	0.7	0.0
-47.5°	0.7	0.0
-48.75°	0.7	0.0
-50°	0.6	0.0
-51.25°	0.6	0.0
-52.5°	0.6	0.0
-53.75°	0.6	0.0
-55°	0.6	0.0
-56.25°	0.6	0.0
-57.5°	0.5	0.0
-58.75°	0.5	0.0
-60°	0.5	0.0
-61.25°	0.5	0.0
-62.5°	0.5	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.4	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P29553 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CB-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.1	0.0
-83.75°	0.1	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)