

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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

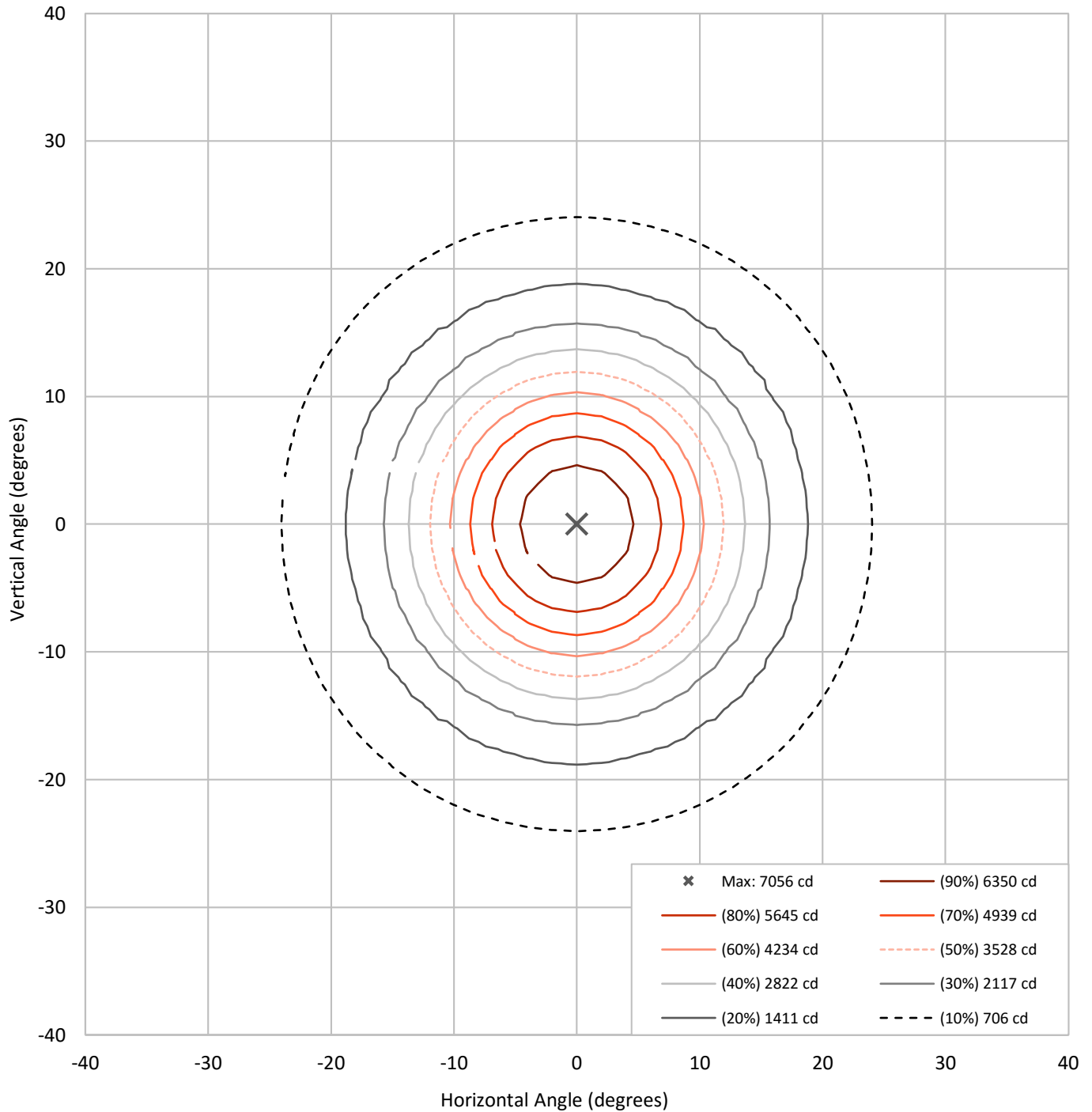
Test Method: LM-79-08
Report Number: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1728.1 lumens	Max Intensity:	7056 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.9°H x 23.9°V	Field Angle (10%):	48.1°H x 48.1°V
Beam Lumens:	689.3 lumens	Field Lumens:	1355.5 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	20.1		
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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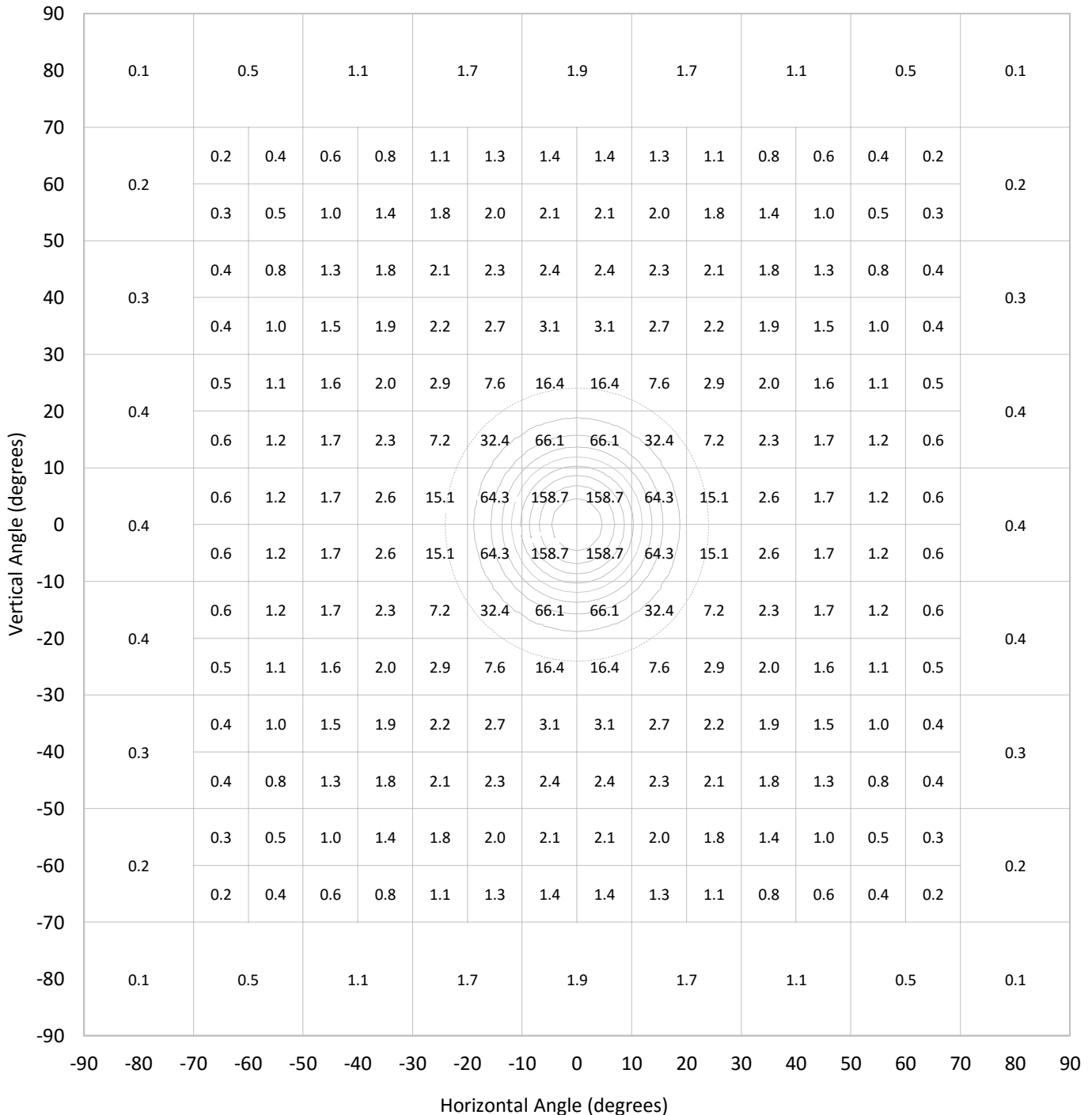
Iso-Candela Plot





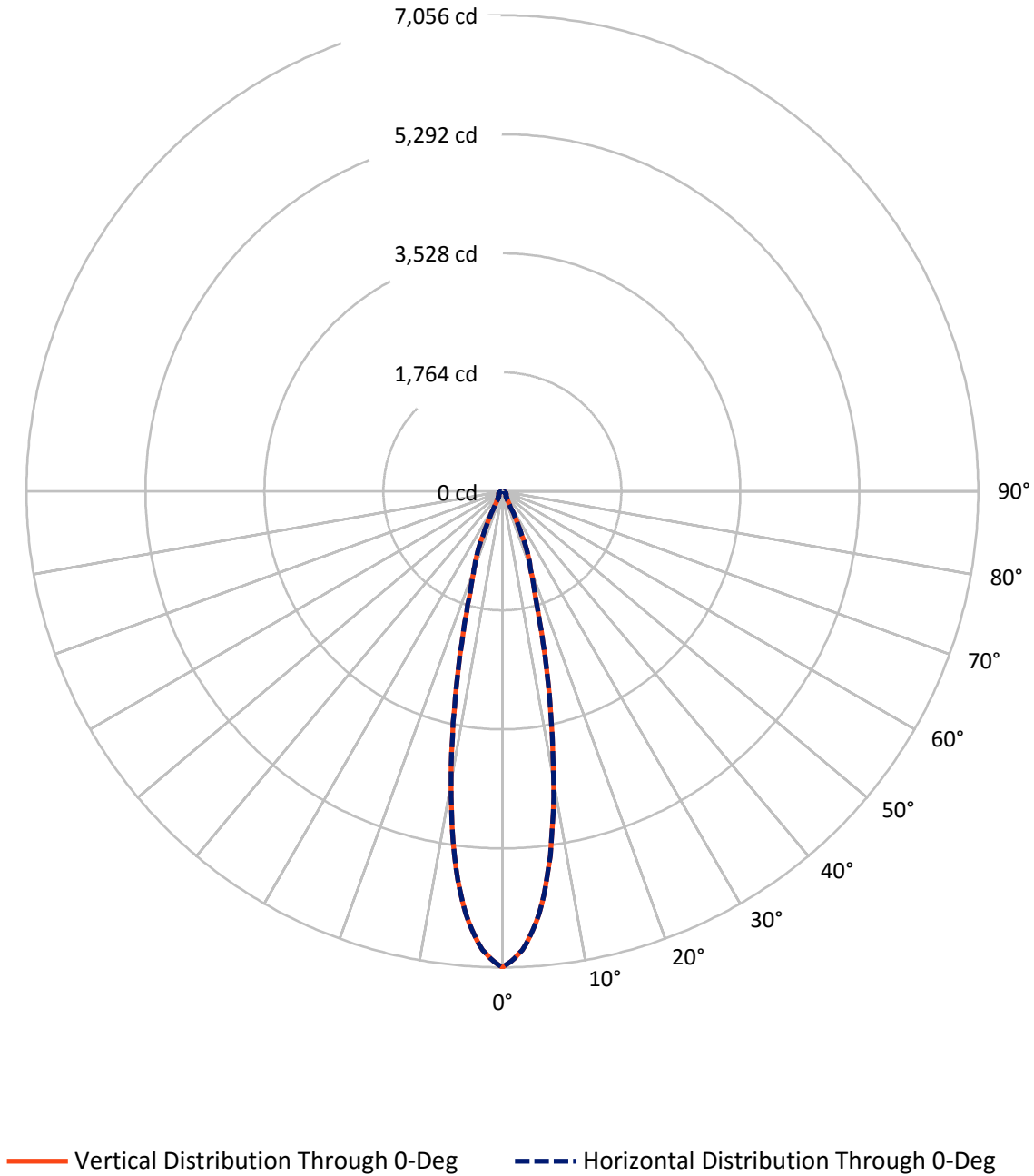
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Lumen Table



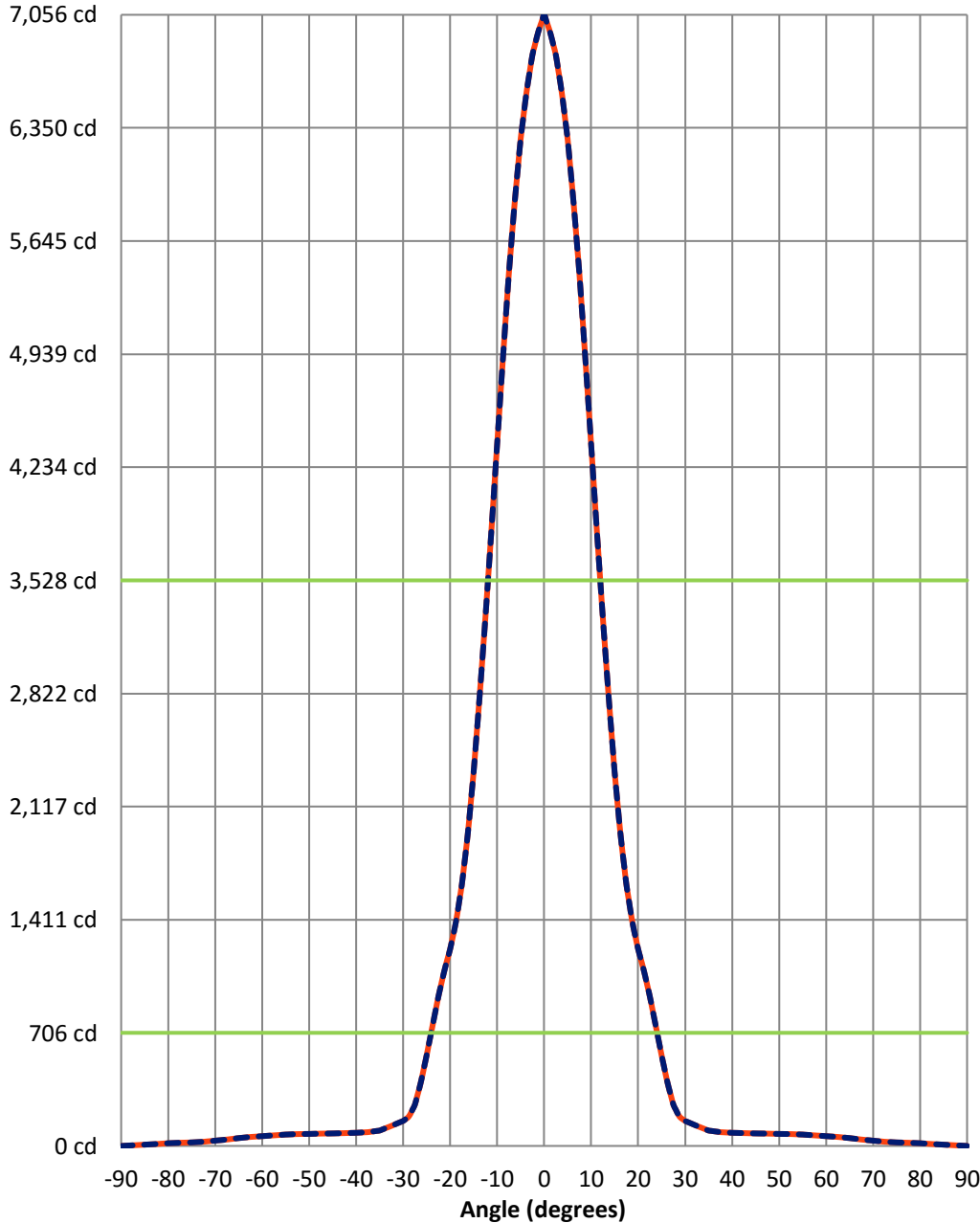
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.9°
 V Angle: 23.9°
 Lumens: 689.3
 Efficiency: 39.9%

Field:
 H Angle: 48.1°
 V Angle: 48.1°
 Lumens: 1355.5
 Efficiency: 78.4%

Spill:
 Lumens: 372.5
 Efficiency: 21.6%

— 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	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
87.5°	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	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
83.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
81.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
78.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.3
76.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.7
75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
73.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.5	5.0	5.6
72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
71.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.5	5.1	5.8	6.4
70°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.8	5.4	6.1	6.8
68.75°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.2
67.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.9	7.6
66.25°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
65°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	5.9	6.7	7.6	8.4
63.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.0	7.9	8.8
62.5°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3	9.2
61.25°	0.0	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6
60°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	9.9
58.75°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.3	9.3	10.3
57.5°	0.0	1.1	2.1	3.2	4.3	5.4	6.4	7.5	8.6	9.6	10.7
56.25°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	7.8	8.9	10.0	11.1
55°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.0	9.1	10.3	11.4
53.75°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6	11.8
52.5°	0.0	1.2	2.4	3.7	4.9	6.1	7.3	8.5	9.7	10.9	12.1
51.25°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	8.7	10.0	11.2	12.6
50°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	9.0	10.3	11.5	13.0
48.75°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.2	10.5	11.8	13.4
47.5°	0.0	1.4	2.7	4.1	5.4	6.7	8.1	9.4	10.8	12.1	13.8
46.25°	0.0	1.4	2.8	4.1	5.5	6.9	8.3	9.7	11.0	12.5	14.2
45°	0.0	1.4	2.8	4.2	5.7	7.1	8.5	9.9	11.3	12.9	14.6
43.75°	0.0	1.4	2.9	4.3	5.8	7.2	8.7	10.1	11.5	13.2	15.0
42.5°	0.0	1.5	2.9	4.4	5.9	7.4	8.8	10.3	11.8	13.5	15.4
41.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.9	15.7
40°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.7	12.3	14.2	16.1
38.75°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.9	12.6	14.5	16.4
37.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.5	11.1	12.8	14.8	16.8
36.25°	0.0	1.6	3.2	4.8	6.4	8.1	9.7	11.3	13.1	15.1	17.1
35°	0.0	1.6	3.3	4.9	6.6	8.2	9.8	11.5	13.4	15.4	17.3



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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	1.7	3.3	5.0	6.6	8.3	10.0	11.6	13.6	15.7	17.4
32.5°	0.0	1.7	3.4	5.1	6.7	8.4	10.1	11.8	13.8	15.9	17.6
31.25°	0.0	1.7	3.4	5.1	6.8	8.5	10.3	12.0	14.1	16.2	17.8
30°	0.0	1.7	3.5	5.2	6.9	8.7	10.4	12.1	14.3	16.5	18.0
28.75°	0.0	1.8	3.5	5.3	7.0	8.8	10.5	12.3	14.5	16.7	18.1
27.5°	0.0	1.8	3.5	5.3	7.1	8.9	10.6	12.5	14.7	16.9	18.3
26.25°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.7	14.9	17.1	18.4
25°	0.0	1.8	3.6	5.4	7.2	9.1	10.9	12.8	15.1	17.2	18.6
23.75°	0.0	1.8	3.7	5.5	7.3	9.2	11.0	13.0	15.3	17.3	18.7
22.5°	0.0	1.8	3.7	5.5	7.4	9.2	11.1	13.2	15.5	17.5	18.8
21.25°	0.0	1.9	3.7	5.6	7.5	9.3	11.2	13.3	15.6	17.6	19.0
20°	0.0	1.9	3.8	5.6	7.5	9.4	11.3	13.4	15.8	17.7	19.1
18.75°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.6	15.9	17.8	19.2
17.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.7	16.1	17.9	19.3
16.25°	0.0	1.9	3.8	5.8	7.7	9.6	11.5	13.8	16.2	18.0	19.4
15°	0.0	1.9	3.9	5.8	7.7	9.7	11.6	13.9	16.3	18.0	19.5
13.75°	0.0	1.9	3.9	5.8	7.8	9.7	11.7	14.0	16.4	18.1	19.6
12.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	14.1	16.5	18.2	19.6
11.25°	0.0	2.0	3.9	5.9	7.8	9.8	11.8	14.2	16.6	18.2	19.7
10°	0.0	2.0	3.9	5.9	7.9	9.8	11.8	14.2	16.7	18.3	19.8
8.75°	0.0	2.0	4.0	5.9	7.9	9.9	11.9	14.3	16.8	18.3	19.8
7.5°	0.0	2.0	4.0	5.9	7.9	9.9	11.9	14.3	16.8	18.4	19.9
6.25°	0.0	2.0	4.0	6.0	8.0	9.9	11.9	14.4	16.9	18.4	19.9
5°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.4	16.9	18.4	19.9
3.75°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
2.5°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
1.25°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
0°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
-1.25°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
-2.5°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
-3.75°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.5	17.0	18.5	20.0
-5°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.4	16.9	18.4	19.9
-6.25°	0.0	2.0	4.0	6.0	8.0	9.9	11.9	14.4	16.9	18.4	19.9
-7.5°	0.0	2.0	4.0	5.9	7.9	9.9	11.9	14.3	16.8	18.4	19.9
-8.75°	0.0	2.0	4.0	5.9	7.9	9.9	11.9	14.3	16.8	18.3	19.8
-10°	0.0	2.0	3.9	5.9	7.9	9.8	11.8	14.2	16.7	18.3	19.8
-11.25°	0.0	2.0	3.9	5.9	7.8	9.8	11.8	14.2	16.6	18.2	19.7
-12.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	14.1	16.5	18.2	19.6
-13.75°	0.0	1.9	3.9	5.8	7.8	9.7	11.7	14.0	16.4	18.1	19.6
-15°	0.0	1.9	3.9	5.8	7.7	9.7	11.6	13.9	16.3	18.0	19.5
-16.25°	0.0	1.9	3.8	5.8	7.7	9.6	11.5	13.8	16.2	18.0	19.4
-17.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.7	16.1	17.9	19.3
-18.75°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.6	15.9	17.8	19.2
-20°	0.0	1.9	3.8	5.6	7.5	9.4	11.3	13.4	15.8	17.7	19.1
-21.25°	0.0	1.9	3.7	5.6	7.5	9.3	11.2	13.3	15.6	17.6	19.0



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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	1.8	3.7	5.5	7.4	9.2	11.1	13.2	15.5	17.5	18.8
-23.75°	0.0	1.8	3.7	5.5	7.3	9.2	11.0	13.0	15.3	17.3	18.7
-25°	0.0	1.8	3.6	5.4	7.2	9.1	10.9	12.8	15.1	17.2	18.6
-26.25°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.7	14.9	17.1	18.4
-27.5°	0.0	1.8	3.5	5.3	7.1	8.9	10.6	12.5	14.7	16.9	18.3
-28.75°	0.0	1.8	3.5	5.3	7.0	8.8	10.5	12.3	14.5	16.7	18.1
-30°	0.0	1.7	3.5	5.2	6.9	8.7	10.4	12.1	14.3	16.5	18.0
-31.25°	0.0	1.7	3.4	5.1	6.8	8.5	10.3	12.0	14.1	16.2	17.8
-32.5°	0.0	1.7	3.4	5.1	6.7	8.4	10.1	11.8	13.8	15.9	17.6
-33.75°	0.0	1.7	3.3	5.0	6.6	8.3	10.0	11.6	13.6	15.7	17.4
-35°	0.0	1.6	3.3	4.9	6.6	8.2	9.8	11.5	13.4	15.4	17.3
-36.25°	0.0	1.6	3.2	4.8	6.4	8.1	9.7	11.3	13.1	15.1	17.1
-37.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.5	11.1	12.8	14.8	16.8
-38.75°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.9	12.6	14.5	16.4
-40°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.7	12.3	14.2	16.1
-41.25°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.9	15.7
-42.5°	0.0	1.5	2.9	4.4	5.9	7.4	8.8	10.3	11.8	13.5	15.4
-43.75°	0.0	1.4	2.9	4.3	5.8	7.2	8.7	10.1	11.5	13.2	15.0
-45°	0.0	1.4	2.8	4.2	5.7	7.1	8.5	9.9	11.3	12.9	14.6
-46.25°	0.0	1.4	2.8	4.1	5.5	6.9	8.3	9.7	11.0	12.5	14.2
-47.5°	0.0	1.4	2.7	4.1	5.4	6.7	8.1	9.4	10.8	12.1	13.8
-48.75°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.2	10.5	11.8	13.4
-50°	0.0	1.3	2.6	3.9	5.1	6.4	7.7	9.0	10.3	11.5	13.0
-51.25°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	8.7	10.0	11.2	12.6
-52.5°	0.0	1.2	2.4	3.7	4.9	6.1	7.3	8.5	9.7	10.9	12.1
-53.75°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6	11.8
-55°	0.0	1.1	2.3	3.4	4.6	5.7	6.9	8.0	9.1	10.3	11.4
-56.25°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	7.8	8.9	10.0	11.1
-57.5°	0.0	1.1	2.1	3.2	4.3	5.4	6.4	7.5	8.6	9.6	10.7
-58.75°	0.0	1.0	2.1	3.1	4.1	5.2	6.2	7.2	8.3	9.3	10.3
-60°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	9.9
-61.25°	0.0	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6
-62.5°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.4	8.3	9.2
-63.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.0	7.9	8.8
-65°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	5.9	6.7	7.6	8.4
-66.25°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
-67.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.9	7.6
-68.75°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.2
-70°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.8	5.4	6.1	6.8
-71.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.5	5.1	5.8	6.4
-72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
-73.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.5	5.0	5.6
-75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-76.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.7
-77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.3



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
-81.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
-83.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-86.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
87.5°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
86.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
85°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
83.75°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
82.5°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
81.25°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.2
80°	3.8	4.1	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0
78.75°	4.3	4.6	5.0	5.4	5.8	6.1	6.5	6.9	7.2	7.6	7.9
77.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8
76.25°	5.2	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.8	9.2	9.7
75°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5
73.75°	6.1	6.6	7.2	7.7	8.3	8.8	9.3	9.8	10.4	10.9	11.4
72.5°	6.6	7.1	7.7	8.3	8.9	9.4	10.0	10.6	11.1	11.7	12.3
71.25°	7.0	7.6	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.6	13.3
70°	7.5	8.1	8.8	9.4	10.1	10.7	11.4	12.0	12.8	13.6	14.4
68.75°	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.9	13.8	14.6	15.4
67.5°	8.3	9.1	9.8	10.6	11.3	12.0	12.9	13.8	14.7	15.6	16.5
66.25°	8.8	9.6	10.4	11.1	11.9	12.8	13.8	14.7	15.7	16.6	17.3
65°	9.2	10.0	10.9	11.7	12.6	13.6	14.6	15.6	16.6	17.3	17.9
63.75°	9.7	10.5	11.4	12.3	13.3	14.4	15.4	16.5	17.3	17.9	18.5
62.5°	10.1	11.0	11.9	13.0	14.1	15.2	16.3	17.2	17.9	18.5	19.1
61.25°	10.5	11.4	12.5	13.6	14.8	15.9	17.0	17.7	18.4	19.1	19.7
60°	10.9	11.9	13.1	14.3	15.5	16.7	17.5	18.2	18.9	19.6	20.2
58.75°	11.3	12.4	13.7	14.9	16.2	17.3	18.0	18.7	19.5	20.1	20.6
57.5°	11.7	13.0	14.3	15.6	16.9	17.7	18.5	19.2	20.0	20.5	21.0
56.25°	12.2	13.5	14.9	16.2	17.3	18.1	18.9	19.7	20.3	20.9	21.4
55°	12.7	14.1	15.5	16.9	17.7	18.6	19.4	20.1	20.7	21.2	21.8
53.75°	13.2	14.6	16.0	17.3	18.1	19.0	19.9	20.5	21.0	21.6	22.3
52.5°	13.6	15.1	16.6	17.7	18.5	19.4	20.2	20.8	21.4	21.9	23.0
51.25°	14.1	15.6	17.1	18.0	18.9	19.8	20.5	21.1	21.7	22.5	23.7
50°	14.6	16.2	17.4	18.4	19.3	20.2	20.8	21.4	22.0	23.2	24.4
48.75°	15.0	16.7	17.8	18.7	19.7	20.4	21.1	21.7	22.6	23.9	25.1
47.5°	15.5	17.1	18.1	19.1	20.0	20.7	21.3	22.0	23.3	24.5	25.8
46.25°	15.9	17.4	18.4	19.4	20.3	20.9	21.6	22.6	23.9	25.2	26.9
45°	16.4	17.7	18.7	19.7	20.5	21.2	21.9	23.1	24.5	25.8	28.0
43.75°	16.8	17.9	19.0	20.0	20.7	21.4	22.3	23.7	25.1	26.8	29.2
42.5°	17.1	18.2	19.3	20.2	21.0	21.7	22.8	24.2	25.6	27.8	30.3
41.25°	17.4	18.5	19.6	20.5	21.2	21.9	23.3	24.8	26.4	28.9	31.4
40°	17.6	18.7	19.9	20.7	21.4	22.3	23.8	25.3	27.3	29.9	32.5
38.75°	17.8	19.0	20.1	20.9	21.6	22.8	24.3	25.8	28.3	30.9	33.5
37.5°	18.0	19.2	20.3	21.0	21.8	23.2	24.7	26.5	29.2	31.9	34.5
36.25°	18.3	19.5	20.4	21.2	22.0	23.6	25.2	27.3	30.1	32.8	35.5
35°	18.5	19.7	20.6	21.4	22.4	24.0	25.6	28.2	30.9	33.7	36.5



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	18.7	19.9	20.8	21.6	22.8	24.4	26.1	28.9	31.8	34.6	37.4
32.5°	18.9	20.1	20.9	21.8	23.2	24.8	26.8	29.7	32.6	35.5	38.3
31.25°	19.1	20.2	21.1	21.9	23.5	25.2	27.5	30.5	33.4	36.3	39.2
30°	19.3	20.4	21.2	22.2	23.9	25.6	28.2	31.2	34.2	37.1	40.1
28.75°	19.4	20.5	21.4	22.5	24.2	25.9	28.9	31.9	34.9	37.9	41.1
27.5°	19.6	20.6	21.5	22.8	24.5	26.4	29.5	32.6	35.6	38.6	42.2
26.25°	19.8	20.7	21.6	23.0	24.8	27.0	30.1	33.2	36.3	39.4	43.1
25°	19.9	20.9	21.8	23.3	25.1	27.6	30.7	33.8	36.9	40.1	44.1
23.75°	20.1	21.0	21.9	23.6	25.4	28.1	31.2	34.4	37.6	40.9	45.0
22.5°	20.1	21.1	22.0	23.8	25.6	28.6	31.8	35.0	38.2	41.7	45.8
21.25°	20.2	21.2	22.2	24.0	25.9	29.0	32.3	35.5	38.7	42.5	46.6
20°	20.3	21.3	22.4	24.3	26.2	29.5	32.8	36.0	39.3	43.2	47.4
18.75°	20.4	21.3	22.6	24.5	26.6	29.9	33.2	36.5	39.8	43.9	48.1
17.5°	20.5	21.4	22.8	24.7	27.0	30.3	33.6	36.9	40.3	44.6	48.8
16.25°	20.6	21.5	22.9	24.8	27.3	30.7	34.0	37.4	40.9	45.2	49.4
15°	20.6	21.6	23.1	25.0	27.6	31.0	34.4	37.7	41.4	45.7	49.8
13.75°	20.7	21.6	23.2	25.2	27.9	31.3	34.7	38.1	41.9	46.3	50.2
12.5°	20.7	21.7	23.4	25.3	28.2	31.6	35.0	38.4	42.4	46.7	50.6
11.25°	20.8	21.8	23.5	25.4	28.5	31.9	35.3	38.7	42.8	47.2	51.0
10°	20.8	21.8	23.6	25.6	28.7	32.1	35.6	39.0	43.1	47.5	51.3
8.75°	20.9	21.9	23.7	25.7	28.9	32.3	35.8	39.2	43.4	47.9	51.6
7.5°	20.9	21.9	23.8	25.8	29.0	32.5	36.0	39.4	43.7	48.2	51.8
6.25°	20.9	21.9	23.8	25.8	29.2	32.7	36.1	39.6	44.0	48.4	52.0
5°	21.0	22.0	23.9	25.9	29.3	32.8	36.3	39.7	44.2	48.6	52.2
3.75°	21.0	22.0	23.9	25.9	29.4	32.9	36.4	39.9	44.3	48.8	52.3
2.5°	21.0	22.0	24.0	26.0	29.4	32.9	36.4	39.9	44.4	48.9	52.4
1.25°	21.0	22.0	24.0	26.0	29.5	33.0	36.5	40.0	44.5	49.0	52.5
0°	21.0	22.0	24.0	26.0	29.5	33.0	36.5	40.0	44.5	49.0	52.5
-1.25°	21.0	22.0	24.0	26.0	29.5	33.0	36.5	40.0	44.5	49.0	52.5
-2.5°	21.0	22.0	24.0	26.0	29.4	32.9	36.4	39.9	44.4	48.9	52.4
-3.75°	21.0	22.0	23.9	25.9	29.4	32.9	36.4	39.9	44.3	48.8	52.3
-5°	21.0	22.0	23.9	25.9	29.3	32.8	36.3	39.7	44.2	48.6	52.2
-6.25°	20.9	21.9	23.8	25.8	29.2	32.7	36.1	39.6	44.0	48.4	52.0
-7.5°	20.9	21.9	23.8	25.8	29.0	32.5	36.0	39.4	43.7	48.2	51.8
-8.75°	20.9	21.9	23.7	25.7	28.9	32.3	35.8	39.2	43.4	47.9	51.6
-10°	20.8	21.8	23.6	25.6	28.7	32.1	35.6	39.0	43.1	47.5	51.3
-11.25°	20.8	21.8	23.5	25.4	28.5	31.9	35.3	38.7	42.8	47.2	51.0
-12.5°	20.7	21.7	23.4	25.3	28.2	31.6	35.0	38.4	42.4	46.7	50.6
-13.75°	20.7	21.6	23.2	25.2	27.9	31.3	34.7	38.1	41.9	46.3	50.2
-15°	20.6	21.6	23.1	25.0	27.6	31.0	34.4	37.7	41.4	45.7	49.8
-16.25°	20.6	21.5	22.9	24.8	27.3	30.7	34.0	37.4	40.9	45.2	49.4
-17.5°	20.5	21.4	22.8	24.7	27.0	30.3	33.6	36.9	40.3	44.6	48.8
-18.75°	20.4	21.3	22.6	24.5	26.6	29.9	33.2	36.5	39.8	43.9	48.1
-20°	20.3	21.3	22.4	24.3	26.2	29.5	32.8	36.0	39.3	43.2	47.4
-21.25°	20.2	21.2	22.2	24.0	25.9	29.0	32.3	35.5	38.7	42.5	46.6



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	20.1	21.1	22.0	23.8	25.6	28.6	31.8	35.0	38.2	41.7	45.8
-23.75°	20.1	21.0	21.9	23.6	25.4	28.1	31.2	34.4	37.6	40.9	45.0
-25°	19.9	20.9	21.8	23.3	25.1	27.6	30.7	33.8	36.9	40.1	44.1
-26.25°	19.8	20.7	21.6	23.0	24.8	27.0	30.1	33.2	36.3	39.4	43.1
-27.5°	19.6	20.6	21.5	22.8	24.5	26.4	29.5	32.6	35.6	38.6	42.2
-28.75°	19.4	20.5	21.4	22.5	24.2	25.9	28.9	31.9	34.9	37.9	41.1
-30°	19.3	20.4	21.2	22.2	23.9	25.6	28.2	31.2	34.2	37.1	40.1
-31.25°	19.1	20.2	21.1	21.9	23.5	25.2	27.5	30.5	33.4	36.3	39.2
-32.5°	18.9	20.1	20.9	21.8	23.2	24.8	26.8	29.7	32.6	35.5	38.3
-33.75°	18.7	19.9	20.8	21.6	22.8	24.4	26.1	28.9	31.8	34.6	37.4
-35°	18.5	19.7	20.6	21.4	22.4	24.0	25.6	28.2	30.9	33.7	36.5
-36.25°	18.3	19.5	20.4	21.2	22.0	23.6	25.2	27.3	30.1	32.8	35.5
-37.5°	18.0	19.2	20.3	21.0	21.8	23.2	24.7	26.5	29.2	31.9	34.5
-38.75°	17.8	19.0	20.1	20.9	21.6	22.8	24.3	25.8	28.3	30.9	33.5
-40°	17.6	18.7	19.9	20.7	21.4	22.3	23.8	25.3	27.3	29.9	32.5
-41.25°	17.4	18.5	19.6	20.5	21.2	21.9	23.3	24.8	26.4	28.9	31.4
-42.5°	17.1	18.2	19.3	20.2	21.0	21.7	22.8	24.2	25.6	27.8	30.3
-43.75°	16.8	17.9	19.0	20.0	20.7	21.4	22.3	23.7	25.1	26.8	29.2
-45°	16.4	17.7	18.7	19.7	20.5	21.2	21.9	23.1	24.5	25.8	28.0
-46.25°	15.9	17.4	18.4	19.4	20.3	20.9	21.6	22.6	23.9	25.2	26.9
-47.5°	15.5	17.1	18.1	19.1	20.0	20.7	21.3	22.0	23.3	24.5	25.8
-48.75°	15.0	16.7	17.8	18.7	19.7	20.4	21.1	21.7	22.6	23.9	25.1
-50°	14.6	16.2	17.4	18.4	19.3	20.2	20.8	21.4	22.0	23.2	24.4
-51.25°	14.1	15.6	17.1	18.0	18.9	19.8	20.5	21.1	21.7	22.5	23.7
-52.5°	13.6	15.1	16.6	17.7	18.5	19.4	20.2	20.8	21.4	21.9	23.0
-53.75°	13.2	14.6	16.0	17.3	18.1	19.0	19.9	20.5	21.0	21.6	22.3
-55°	12.7	14.1	15.5	16.9	17.7	18.6	19.4	20.1	20.7	21.2	21.8
-56.25°	12.2	13.5	14.9	16.2	17.3	18.1	18.9	19.7	20.3	20.9	21.4
-57.5°	11.7	13.0	14.3	15.6	16.9	17.7	18.5	19.2	20.0	20.5	21.0
-58.75°	11.3	12.4	13.7	14.9	16.2	17.3	18.0	18.7	19.5	20.1	20.6
-60°	10.9	11.9	13.1	14.3	15.5	16.7	17.5	18.2	18.9	19.6	20.2
-61.25°	10.5	11.4	12.5	13.6	14.8	15.9	17.0	17.7	18.4	19.1	19.7
-62.5°	10.1	11.0	11.9	13.0	14.1	15.2	16.3	17.2	17.9	18.5	19.1
-63.75°	9.7	10.5	11.4	12.3	13.3	14.4	15.4	16.5	17.3	17.9	18.5
-65°	9.2	10.0	10.9	11.7	12.6	13.6	14.6	15.6	16.6	17.3	17.9
-66.25°	8.8	9.6	10.4	11.1	11.9	12.8	13.8	14.7	15.7	16.6	17.3
-67.5°	8.3	9.1	9.8	10.6	11.3	12.0	12.9	13.8	14.7	15.6	16.5
-68.75°	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.9	13.8	14.6	15.4
-70°	7.5	8.1	8.8	9.4	10.1	10.7	11.4	12.0	12.8	13.6	14.4
-71.25°	7.0	7.6	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.6	13.3
-72.5°	6.6	7.1	7.7	8.3	8.9	9.4	10.0	10.6	11.1	11.7	12.3
-73.75°	6.1	6.6	7.2	7.7	8.3	8.8	9.3	9.8	10.4	10.9	11.4
-75°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5
-76.25°	5.2	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.8	9.2	9.7
-77.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	4.3	4.6	5.0	5.4	5.8	6.1	6.5	6.9	7.2	7.6	7.9
-80°	3.8	4.1	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0
-81.25°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.2
-82.5°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.1	5.3
-83.75°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
-85°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
-86.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
-87.5°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-88.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
87.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
86.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
85°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
83.75°	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.4
82.5°	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
81.25°	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5	8.7	9.0
80°	7.4	7.7	8.0	8.3	8.6	8.9	9.1	9.4	9.7	10.0	10.3
78.75°	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9	11.2	11.5
77.5°	9.2	9.6	9.9	10.3	10.7	11.1	11.4	11.8	12.1	12.6	13.0
76.25°	10.1	10.5	10.9	11.3	11.7	12.2	12.7	13.2	13.6	14.1	14.6
75°	11.0	11.4	11.9	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.2
73.75°	11.9	12.5	13.1	13.7	14.3	14.9	15.5	16.0	16.6	17.1	17.4
72.5°	13.0	13.6	14.3	14.9	15.6	16.2	16.9	17.3	17.7	18.0	18.4
71.25°	14.1	14.8	15.5	16.2	16.9	17.3	17.7	18.1	18.5	18.9	19.3
70°	15.2	15.9	16.7	17.3	17.7	18.1	18.6	19.0	19.4	19.8	20.2
68.75°	16.3	17.0	17.5	18.0	18.5	18.9	19.4	19.9	20.2	20.5	20.8
67.5°	17.2	17.7	18.2	18.7	19.2	19.7	20.1	20.5	20.8	21.1	21.4
66.25°	17.9	18.4	18.9	19.5	20.0	20.3	20.7	21.0	21.4	21.7	22.0
65°	18.5	19.1	19.6	20.1	20.5	20.9	21.2	21.6	21.9	22.5	23.2
63.75°	19.1	19.7	20.2	20.6	21.0	21.4	21.8	22.3	23.0	23.7	24.4
62.5°	19.8	20.3	20.7	21.1	21.5	21.9	22.6	23.4	24.1	24.9	25.6
61.25°	20.3	20.7	21.1	21.6	22.0	22.8	23.6	24.4	25.2	26.1	27.4
60°	20.7	21.1	21.6	22.1	22.9	23.8	24.7	25.5	26.6	28.1	29.5
58.75°	21.1	21.6	22.1	23.0	23.9	24.8	25.7	27.0	28.5	30.1	31.5
57.5°	21.5	22.0	22.9	23.9	24.8	25.8	27.3	28.9	30.5	32.0	33.6
56.25°	21.9	22.8	23.8	24.8	25.8	27.3	29.0	30.7	32.3	34.0	35.6
55°	22.6	23.6	24.7	25.7	27.3	29.0	30.8	32.5	34.2	35.9	37.6
53.75°	23.4	24.4	25.5	27.0	28.9	30.7	32.5	34.3	36.1	37.8	39.5
52.5°	24.1	25.2	26.6	28.5	30.5	32.3	34.2	36.1	37.9	39.7	41.9
51.25°	24.9	26.1	28.1	30.1	32.0	34.0	35.9	37.8	39.7	42.0	44.4
50°	25.6	27.4	29.5	31.5	33.6	35.6	37.6	39.5	41.9	44.4	46.9
48.75°	26.6	28.8	30.9	33.0	35.1	37.2	39.2	41.6	44.2	46.7	49.2
47.5°	27.9	30.1	32.3	34.4	36.6	38.7	41.1	43.8	46.4	49.0	51.1
46.25°	29.1	31.4	33.6	35.9	38.1	40.3	43.1	45.9	48.6	50.8	52.9
45°	30.4	32.7	35.0	37.3	39.5	42.3	45.1	48.0	50.4	52.6	54.7
43.75°	31.6	33.9	36.3	38.6	41.2	44.2	47.1	49.8	52.0	54.3	56.3
42.5°	32.7	35.2	37.6	40.0	43.0	46.0	49.0	51.4	53.7	56.0	57.6
41.25°	33.9	36.4	38.8	41.6	44.8	47.9	50.5	52.9	55.3	57.1	58.8
40°	35.0	37.5	40.1	43.3	46.5	49.5	52.0	54.4	56.6	58.3	60.0
38.75°	36.1	38.7	41.6	44.9	48.2	50.9	53.4	55.9	57.7	59.4	61.2
37.5°	37.2	39.8	43.1	46.5	49.6	52.2	54.8	57.0	58.8	60.5	62.3
36.25°	38.2	41.2	44.6	48.0	50.9	53.5	56.1	58.0	59.8	61.6	63.4
35°	39.2	42.5	46.0	49.4	52.1	54.8	57.0	58.9	60.8	62.7	64.5



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	40.3	43.9	47.4	50.5	53.3	56.0	58.0	59.9	61.8	63.7	65.6
32.5°	41.5	45.2	48.8	51.6	54.4	56.9	58.9	60.8	62.8	64.7	66.7
31.25°	42.7	46.4	49.9	52.7	55.6	57.7	59.7	61.7	63.7	65.7	67.7
30°	43.9	47.6	50.8	53.8	56.5	58.5	60.6	62.6	64.6	66.6	68.7
28.75°	45.0	48.8	51.8	54.7	57.2	59.3	61.4	63.5	65.5	67.6	69.6
27.5°	46.0	49.7	52.7	55.7	57.9	60.0	62.2	64.3	66.4	68.4	70.5
26.25°	47.1	50.6	53.6	56.5	58.6	60.8	62.9	65.1	67.2	69.3	71.2
25°	48.1	51.4	54.4	57.1	59.3	61.5	63.6	65.8	68.0	70.1	71.8
23.75°	49.0	52.1	55.3	57.7	59.9	62.1	64.3	66.5	68.7	70.9	72.2
22.5°	49.7	52.9	56.0	58.3	60.5	62.8	65.0	67.2	69.4	71.4	72.7
21.25°	50.4	53.6	56.6	58.8	61.1	63.4	65.6	67.9	70.1	71.8	73.2
20°	51.0	54.2	57.0	59.4	61.6	63.9	66.2	68.5	70.8	72.2	73.6
18.75°	51.6	54.9	57.5	59.8	62.2	64.5	66.8	69.1	71.2	72.6	74.0
17.5°	52.2	55.5	58.0	60.3	62.7	65.0	67.3	69.7	71.6	73.0	74.1
16.25°	52.7	56.0	58.4	60.7	63.1	65.5	67.8	70.2	71.9	73.3	74.2
15°	53.2	56.4	58.8	61.1	63.5	65.9	68.3	70.7	72.2	73.6	74.4
13.75°	53.6	56.7	59.1	61.5	63.9	66.3	68.7	71.1	72.5	73.9	74.5
12.5°	54.0	57.0	59.4	61.9	64.3	66.7	69.1	71.3	72.8	74.1	74.5
11.25°	54.4	57.3	59.7	62.2	64.6	67.0	69.5	71.5	73.0	74.1	74.6
10°	54.7	57.5	60.0	62.4	64.9	67.3	69.8	71.7	73.2	74.2	74.7
8.75°	55.0	57.8	60.2	62.7	65.2	67.6	70.1	71.9	73.4	74.3	74.8
7.5°	55.3	58.0	60.4	62.9	65.4	67.8	70.3	72.1	73.5	74.3	74.8
6.25°	55.5	58.1	60.6	63.1	65.6	68.0	70.5	72.2	73.7	74.4	74.9
5°	55.7	58.3	60.7	63.2	65.7	68.2	70.7	72.3	73.8	74.4	74.9
3.75°	55.8	58.4	60.9	63.4	65.8	68.3	70.8	72.4	73.9	74.5	75.0
2.5°	55.9	58.4	60.9	63.4	65.9	68.4	70.9	72.5	73.9	74.5	75.0
1.25°	56.0	58.5	61.0	63.5	66.0	68.5	71.0	72.5	74.0	74.5	75.0
0°	56.0	58.5	61.0	63.5	66.0	68.5	71.0	72.5	74.0	74.5	75.0
-1.25°	56.0	58.5	61.0	63.5	66.0	68.5	71.0	72.5	74.0	74.5	75.0
-2.5°	55.9	58.4	60.9	63.4	65.9	68.4	70.9	72.5	73.9	74.5	75.0
-3.75°	55.8	58.4	60.9	63.4	65.8	68.3	70.8	72.4	73.9	74.5	75.0
-5°	55.7	58.3	60.7	63.2	65.7	68.2	70.7	72.3	73.8	74.4	74.9
-6.25°	55.5	58.1	60.6	63.1	65.6	68.0	70.5	72.2	73.7	74.4	74.9
-7.5°	55.3	58.0	60.4	62.9	65.4	67.8	70.3	72.1	73.5	74.3	74.8
-8.75°	55.0	57.8	60.2	62.7	65.2	67.6	70.1	71.9	73.4	74.3	74.8
-10°	54.7	57.5	60.0	62.4	64.9	67.3	69.8	71.7	73.2	74.2	74.7
-11.25°	54.4	57.3	59.7	62.2	64.6	67.0	69.5	71.5	73.0	74.1	74.6
-12.5°	54.0	57.0	59.4	61.9	64.3	66.7	69.1	71.3	72.8	74.1	74.5
-13.75°	53.6	56.7	59.1	61.5	63.9	66.3	68.7	71.1	72.5	73.9	74.5
-15°	53.2	56.4	58.8	61.1	63.5	65.9	68.3	70.7	72.2	73.6	74.4
-16.25°	52.7	56.0	58.4	60.7	63.1	65.5	67.8	70.2	71.9	73.3	74.2
-17.5°	52.2	55.5	58.0	60.3	62.7	65.0	67.3	69.7	71.6	73.0	74.1
-18.75°	51.6	54.9	57.5	59.8	62.2	64.5	66.8	69.1	71.2	72.6	74.0
-20°	51.0	54.2	57.0	59.4	61.6	63.9	66.2	68.5	70.8	72.2	73.6
-21.25°	50.4	53.6	56.6	58.8	61.1	63.4	65.6	67.9	70.1	71.8	73.2



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	49.7	52.9	56.0	58.3	60.5	62.8	65.0	67.2	69.4	71.4	72.7
-23.75°	49.0	52.1	55.3	57.7	59.9	62.1	64.3	66.5	68.7	70.9	72.2
-25°	48.1	51.4	54.4	57.1	59.3	61.5	63.6	65.8	68.0	70.1	71.8
-26.25°	47.1	50.6	53.6	56.5	58.6	60.8	62.9	65.1	67.2	69.3	71.2
-27.5°	46.0	49.7	52.7	55.7	57.9	60.0	62.2	64.3	66.4	68.4	70.5
-28.75°	45.0	48.8	51.8	54.7	57.2	59.3	61.4	63.5	65.5	67.6	69.6
-30°	43.9	47.6	50.8	53.8	56.5	58.5	60.6	62.6	64.6	66.6	68.7
-31.25°	42.7	46.4	49.9	52.7	55.6	57.7	59.7	61.7	63.7	65.7	67.7
-32.5°	41.5	45.2	48.8	51.6	54.4	56.9	58.9	60.8	62.8	64.7	66.7
-33.75°	40.3	43.9	47.4	50.5	53.3	56.0	58.0	59.9	61.8	63.7	65.6
-35°	39.2	42.5	46.0	49.4	52.1	54.8	57.0	58.9	60.8	62.7	64.5
-36.25°	38.2	41.2	44.6	48.0	50.9	53.5	56.1	58.0	59.8	61.6	63.4
-37.5°	37.2	39.8	43.1	46.5	49.6	52.2	54.8	57.0	58.8	60.5	62.3
-38.75°	36.1	38.7	41.6	44.9	48.2	50.9	53.4	55.9	57.7	59.4	61.2
-40°	35.0	37.5	40.1	43.3	46.5	49.5	52.0	54.4	56.6	58.3	60.0
-41.25°	33.9	36.4	38.8	41.6	44.8	47.9	50.5	52.9	55.3	57.1	58.8
-42.5°	32.7	35.2	37.6	40.0	43.0	46.0	49.0	51.4	53.7	56.0	57.6
-43.75°	31.6	33.9	36.3	38.6	41.2	44.2	47.1	49.8	52.0	54.3	56.3
-45°	30.4	32.7	35.0	37.3	39.5	42.3	45.1	48.0	50.4	52.6	54.7
-46.25°	29.1	31.4	33.6	35.9	38.1	40.3	43.1	45.9	48.6	50.8	52.9
-47.5°	27.9	30.1	32.3	34.4	36.6	38.7	41.1	43.8	46.4	49.0	51.1
-48.75°	26.6	28.8	30.9	33.0	35.1	37.2	39.2	41.6	44.2	46.7	49.2
-50°	25.6	27.4	29.5	31.5	33.6	35.6	37.6	39.5	41.9	44.4	46.9
-51.25°	24.9	26.1	28.1	30.1	32.0	34.0	35.9	37.8	39.7	42.0	44.4
-52.5°	24.1	25.2	26.6	28.5	30.5	32.3	34.2	36.1	37.9	39.7	41.9
-53.75°	23.4	24.4	25.5	27.0	28.9	30.7	32.5	34.3	36.1	37.8	39.5
-55°	22.6	23.6	24.7	25.7	27.3	29.0	30.8	32.5	34.2	35.9	37.6
-56.25°	21.9	22.8	23.8	24.8	25.8	27.3	29.0	30.7	32.3	34.0	35.6
-57.5°	21.5	22.0	22.9	23.9	24.8	25.8	27.3	28.9	30.5	32.0	33.6
-58.75°	21.1	21.6	22.1	23.0	23.9	24.8	25.7	27.0	28.5	30.1	31.5
-60°	20.7	21.1	21.6	22.1	22.9	23.8	24.7	25.5	26.6	28.1	29.5
-61.25°	20.3	20.7	21.1	21.6	22.0	22.8	23.6	24.4	25.2	26.1	27.4
-62.5°	19.8	20.3	20.7	21.1	21.5	21.9	22.6	23.4	24.1	24.9	25.6
-63.75°	19.1	19.7	20.2	20.6	21.0	21.4	21.8	22.3	23.0	23.7	24.4
-65°	18.5	19.1	19.6	20.1	20.5	20.9	21.2	21.6	21.9	22.5	23.2
-66.25°	17.9	18.4	18.9	19.5	20.0	20.3	20.7	21.0	21.4	21.7	22.0
-67.5°	17.2	17.7	18.2	18.7	19.2	19.7	20.1	20.5	20.8	21.1	21.4
-68.75°	16.3	17.0	17.5	18.0	18.5	18.9	19.4	19.9	20.2	20.5	20.8
-70°	15.2	15.9	16.7	17.3	17.7	18.1	18.6	19.0	19.4	19.8	20.2
-71.25°	14.1	14.8	15.5	16.2	16.9	17.3	17.7	18.1	18.5	18.9	19.3
-72.5°	13.0	13.6	14.3	14.9	15.6	16.2	16.9	17.3	17.7	18.0	18.4
-73.75°	11.9	12.5	13.1	13.7	14.3	14.9	15.5	16.0	16.6	17.1	17.4
-75°	11.0	11.4	11.9	12.4	13.0	13.5	14.1	14.6	15.1	15.6	16.2
-76.25°	10.1	10.5	10.9	11.3	11.7	12.2	12.7	13.2	13.6	14.1	14.6
-77.5°	9.2	9.6	9.9	10.3	10.7	11.1	11.4	11.8	12.1	12.6	13.0



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9	11.2	11.5
-80°	7.4	7.7	8.0	8.3	8.6	8.9	9.1	9.4	9.7	10.0	10.3
-81.25°	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5	8.7	9.0
-82.5°	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
-83.75°	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.4
-85°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
-86.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
-87.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
-88.75°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
87.5°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
86.25°	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
85°	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4
83.75°	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	7.9	8.1
82.5°	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7
81.25°	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3
80°	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.3	12.6	12.8	13.1
78.75°	11.8	12.1	12.5	12.9	13.2	13.5	13.9	14.2	14.5	14.8	15.1
77.5°	13.4	13.8	14.2	14.6	15.0	15.4	15.7	16.1	16.4	16.8	17.1
76.25°	15.0	15.5	15.9	16.4	16.8	17.1	17.4	17.6	17.8	18.0	18.3
75°	16.7	17.1	17.4	17.7	17.9	18.2	18.5	18.7	19.0	19.2	19.5
73.75°	17.8	18.1	18.4	18.7	19.0	19.3	19.6	19.9	20.1	20.3	20.4
72.5°	18.7	19.1	19.4	19.7	20.0	20.2	20.5	20.7	20.9	21.0	21.2
71.25°	19.7	20.0	20.3	20.5	20.7	21.0	21.2	21.4	21.6	21.8	22.0
70°	20.4	20.7	20.9	21.2	21.4	21.7	21.9	22.3	22.8	23.2	23.6
68.75°	21.1	21.3	21.6	21.9	22.3	22.8	23.3	23.8	24.3	24.7	25.2
67.5°	21.7	22.0	22.6	23.1	23.7	24.2	24.8	25.3	25.8	26.5	27.3
66.25°	22.6	23.3	23.9	24.5	25.1	25.6	26.4	27.3	28.3	29.2	30.1
65°	23.9	24.5	25.2	25.8	26.8	27.8	28.9	29.9	30.9	31.9	32.8
63.75°	25.1	25.8	26.9	28.0	29.2	30.3	31.4	32.5	33.5	34.5	35.5
62.5°	26.6	27.9	29.1	30.4	31.6	32.7	33.9	35.0	36.1	37.2	38.2
61.25°	28.8	30.1	31.4	32.7	33.9	35.2	36.4	37.5	38.7	39.8	41.2
60°	30.9	32.3	33.6	35.0	36.3	37.6	38.8	40.1	41.6	43.1	44.6
58.75°	33.0	34.4	35.9	37.3	38.6	40.0	41.6	43.3	44.9	46.5	48.0
57.5°	35.1	36.6	38.1	39.5	41.2	43.0	44.8	46.5	48.2	49.6	50.9
56.25°	37.2	38.7	40.3	42.3	44.2	46.0	47.9	49.5	50.9	52.2	53.5
55°	39.2	41.1	43.1	45.1	47.1	49.0	50.5	52.0	53.4	54.8	56.1
53.75°	41.6	43.8	45.9	48.0	49.8	51.4	52.9	54.4	55.9	57.0	58.0
52.5°	44.2	46.4	48.6	50.4	52.0	53.7	55.3	56.6	57.7	58.8	59.8
51.25°	46.7	49.0	50.8	52.6	54.3	56.0	57.1	58.3	59.4	60.5	61.6
50°	49.2	51.1	52.9	54.7	56.3	57.6	58.8	60.0	61.2	62.3	63.4
48.75°	51.2	53.1	55.0	56.6	57.9	59.2	60.4	61.7	62.9	64.1	65.2
47.5°	53.1	55.0	56.7	58.1	59.4	60.7	62.1	63.3	64.6	65.8	67.0
46.25°	55.0	56.7	58.1	59.5	60.9	62.3	63.7	65.0	66.3	67.5	68.8
45°	56.6	58.1	59.5	61.0	62.4	63.8	65.2	66.6	67.9	69.2	70.5
43.75°	57.9	59.4	60.9	62.4	63.9	65.4	66.8	68.2	69.6	70.9	71.8
42.5°	59.2	60.7	62.3	63.8	65.4	66.9	68.3	69.8	71.1	72.0	72.8
41.25°	60.4	62.1	63.7	65.2	66.8	68.3	69.8	71.2	72.1	72.9	73.8
40°	61.7	63.3	65.0	66.6	68.2	69.8	71.2	72.1	73.0	73.9	74.3
38.75°	62.9	64.6	66.3	67.9	69.6	71.1	72.1	73.0	74.0	74.3	74.6
37.5°	64.1	65.8	67.5	69.2	70.9	72.0	72.9	73.9	74.3	74.6	74.9
36.25°	65.2	67.0	68.8	70.5	71.8	72.8	73.8	74.3	74.6	74.9	75.5
35°	66.4	68.2	70.0	71.5	72.5	73.6	74.2	74.5	74.9	75.4	76.1



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	67.5	69.4	71.1	72.2	73.3	74.1	74.5	74.8	75.3	76.0	76.7
32.5°	68.6	70.5	71.8	72.9	74.0	74.4	74.7	75.2	75.9	76.6	77.1
31.25°	69.6	71.3	72.5	73.6	74.3	74.6	75.0	75.7	76.5	77.1	77.4
30°	70.6	72.0	73.1	74.1	74.5	74.9	75.5	76.2	77.0	77.4	77.7
28.75°	71.4	72.6	73.8	74.3	74.7	75.2	76.0	76.8	77.3	77.6	78.0
27.5°	72.0	73.2	74.1	74.5	74.9	75.7	76.5	77.1	77.5	77.9	78.5
26.25°	72.5	73.8	74.3	74.7	75.3	76.1	76.9	77.4	77.8	78.3	79.1
25°	73.0	74.1	74.5	74.9	75.7	76.5	77.2	77.6	78.0	78.8	79.6
23.75°	73.5	74.3	74.7	75.3	76.1	77.0	77.4	77.8	78.4	79.3	80.1
22.5°	74.0	74.4	74.9	75.6	76.5	77.2	77.6	78.0	78.9	79.7	80.5
21.25°	74.2	74.6	75.1	76.0	76.9	77.4	77.8	78.4	79.3	80.1	81.0
20°	74.3	74.8	75.4	76.3	77.1	77.5	78.0	78.8	79.7	80.6	81.4
18.75°	74.5	74.9	75.7	76.6	77.3	77.7	78.3	79.2	80.1	81.0	81.8
17.5°	74.6	75.1	76.0	76.9	77.4	77.9	78.6	79.5	80.4	81.3	82.4
16.25°	74.7	75.3	76.3	77.1	77.6	78.0	79.0	79.9	80.8	81.7	83.2
15°	74.8	75.6	76.5	77.2	77.7	78.3	79.3	80.2	81.1	82.0	83.9
13.75°	74.9	75.8	76.8	77.4	77.8	78.6	79.5	80.5	81.4	82.7	84.5
12.5°	75.1	76.0	77.0	77.5	77.9	78.8	79.8	80.7	81.7	83.2	85.1
11.25°	75.2	76.2	77.1	77.6	78.1	79.0	80.0	81.0	81.9	83.7	85.6
10°	75.4	76.4	77.2	77.7	78.3	79.2	80.2	81.2	82.3	84.2	86.3
8.75°	75.5	76.5	77.2	77.7	78.4	79.4	80.4	81.4	82.7	84.6	87.4
7.5°	75.7	76.6	77.3	77.8	78.6	79.6	80.6	81.5	83.0	85.0	88.3
6.25°	75.8	76.8	77.4	77.9	78.7	79.7	80.7	81.7	83.3	85.3	89.2
5°	75.8	76.8	77.4	77.9	78.8	79.8	80.8	81.8	83.6	85.5	89.8
3.75°	75.9	76.9	77.5	78.0	78.9	79.9	80.9	81.9	83.8	85.7	90.3
2.5°	76.0	77.0	77.5	78.0	79.0	80.0	81.0	81.9	83.9	85.9	90.7
1.25°	76.0	77.0	77.5	78.0	79.0	80.0	81.0	82.0	84.0	86.0	90.9
0°	76.0	77.0	77.5	78.0	79.0	80.0	81.0	82.0	84.0	86.0	91.0
-1.25°	76.0	77.0	77.5	78.0	79.0	80.0	81.0	82.0	84.0	86.0	90.9
-2.5°	76.0	77.0	77.5	78.0	79.0	80.0	81.0	81.9	83.9	85.9	90.7
-3.75°	75.9	76.9	77.5	78.0	78.9	79.9	80.9	81.9	83.8	85.7	90.3
-5°	75.8	76.8	77.4	77.9	78.8	79.8	80.8	81.8	83.6	85.5	89.8
-6.25°	75.8	76.8	77.4	77.9	78.7	79.7	80.7	81.7	83.3	85.3	89.2
-7.5°	75.7	76.6	77.3	77.8	78.6	79.6	80.6	81.5	83.0	85.0	88.3
-8.75°	75.5	76.5	77.2	77.7	78.4	79.4	80.4	81.4	82.7	84.6	87.4
-10°	75.4	76.4	77.2	77.7	78.3	79.2	80.2	81.2	82.3	84.2	86.3
-11.25°	75.2	76.2	77.1	77.6	78.1	79.0	80.0	81.0	81.9	83.7	85.6
-12.5°	75.1	76.0	77.0	77.5	77.9	78.8	79.8	80.7	81.7	83.2	85.1
-13.75°	74.9	75.8	76.8	77.4	77.8	78.6	79.5	80.5	81.4	82.7	84.5
-15°	74.8	75.6	76.5	77.2	77.7	78.3	79.3	80.2	81.1	82.0	83.9
-16.25°	74.7	75.3	76.3	77.1	77.6	78.0	79.0	79.9	80.8	81.7	83.2
-17.5°	74.6	75.1	76.0	76.9	77.4	77.9	78.6	79.5	80.4	81.3	82.4
-18.75°	74.5	74.9	75.7	76.6	77.3	77.7	78.3	79.2	80.1	81.0	81.8
-20°	74.3	74.8	75.4	76.3	77.1	77.5	78.0	78.8	79.7	80.6	81.4
-21.25°	74.2	74.6	75.1	76.0	76.9	77.4	77.8	78.4	79.3	80.1	81.0



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	74.0	74.4	74.9	75.6	76.5	77.2	77.6	78.0	78.9	79.7	80.5
-23.75°	73.5	74.3	74.7	75.3	76.1	77.0	77.4	77.8	78.4	79.3	80.1
-25°	73.0	74.1	74.5	74.9	75.7	76.5	77.2	77.6	78.0	78.8	79.6
-26.25°	72.5	73.8	74.3	74.7	75.3	76.1	76.9	77.4	77.8	78.3	79.1
-27.5°	72.0	73.2	74.1	74.5	74.9	75.7	76.5	77.1	77.5	77.9	78.5
-28.75°	71.4	72.6	73.8	74.3	74.7	75.2	76.0	76.8	77.3	77.6	78.0
-30°	70.6	72.0	73.1	74.1	74.5	74.9	75.5	76.2	77.0	77.4	77.7
-31.25°	69.6	71.3	72.5	73.6	74.3	74.6	75.0	75.7	76.5	77.1	77.4
-32.5°	68.6	70.5	71.8	72.9	74.0	74.4	74.7	75.2	75.9	76.6	77.1
-33.75°	67.5	69.4	71.1	72.2	73.3	74.1	74.5	74.8	75.3	76.0	76.7
-35°	66.4	68.2	70.0	71.5	72.5	73.6	74.2	74.5	74.9	75.4	76.1
-36.25°	65.2	67.0	68.8	70.5	71.8	72.8	73.8	74.3	74.6	74.9	75.5
-37.5°	64.1	65.8	67.5	69.2	70.9	72.0	72.9	73.9	74.3	74.6	74.9
-38.75°	62.9	64.6	66.3	67.9	69.6	71.1	72.1	73.0	74.0	74.3	74.6
-40°	61.7	63.3	65.0	66.6	68.2	69.8	71.2	72.1	73.0	73.9	74.3
-41.25°	60.4	62.1	63.7	65.2	66.8	68.3	69.8	71.2	72.1	72.9	73.8
-42.5°	59.2	60.7	62.3	63.8	65.4	66.9	68.3	69.8	71.1	72.0	72.8
-43.75°	57.9	59.4	60.9	62.4	63.9	65.4	66.8	68.2	69.6	70.9	71.8
-45°	56.6	58.1	59.5	61.0	62.4	63.8	65.2	66.6	67.9	69.2	70.5
-46.25°	55.0	56.7	58.1	59.5	60.9	62.3	63.7	65.0	66.3	67.5	68.8
-47.5°	53.1	55.0	56.7	58.1	59.4	60.7	62.1	63.3	64.6	65.8	67.0
-48.75°	51.2	53.1	55.0	56.6	57.9	59.2	60.4	61.7	62.9	64.1	65.2
-50°	49.2	51.1	52.9	54.7	56.3	57.6	58.8	60.0	61.2	62.3	63.4
-51.25°	46.7	49.0	50.8	52.6	54.3	56.0	57.1	58.3	59.4	60.5	61.6
-52.5°	44.2	46.4	48.6	50.4	52.0	53.7	55.3	56.6	57.7	58.8	59.8
-53.75°	41.6	43.8	45.9	48.0	49.8	51.4	52.9	54.4	55.9	57.0	58.0
-55°	39.2	41.1	43.1	45.1	47.1	49.0	50.5	52.0	53.4	54.8	56.1
-56.25°	37.2	38.7	40.3	42.3	44.2	46.0	47.9	49.5	50.9	52.2	53.5
-57.5°	35.1	36.6	38.1	39.5	41.2	43.0	44.8	46.5	48.2	49.6	50.9
-58.75°	33.0	34.4	35.9	37.3	38.6	40.0	41.6	43.3	44.9	46.5	48.0
-60°	30.9	32.3	33.6	35.0	36.3	37.6	38.8	40.1	41.6	43.1	44.6
-61.25°	28.8	30.1	31.4	32.7	33.9	35.2	36.4	37.5	38.7	39.8	41.2
-62.5°	26.6	27.9	29.1	30.4	31.6	32.7	33.9	35.0	36.1	37.2	38.2
-63.75°	25.1	25.8	26.9	28.0	29.2	30.3	31.4	32.5	33.5	34.5	35.5
-65°	23.9	24.5	25.2	25.8	26.8	27.8	28.9	29.9	30.9	31.9	32.8
-66.25°	22.6	23.3	23.9	24.5	25.1	25.6	26.4	27.3	28.3	29.2	30.1
-67.5°	21.7	22.0	22.6	23.1	23.7	24.2	24.8	25.3	25.8	26.5	27.3
-68.75°	21.1	21.3	21.6	21.9	22.3	22.8	23.3	23.8	24.3	24.7	25.2
-70°	20.4	20.7	20.9	21.2	21.4	21.7	21.9	22.3	22.8	23.2	23.6
-71.25°	19.7	20.0	20.3	20.5	20.7	21.0	21.2	21.4	21.6	21.8	22.0
-72.5°	18.7	19.1	19.4	19.7	20.0	20.2	20.5	20.7	20.9	21.0	21.2
-73.75°	17.8	18.1	18.4	18.7	19.0	19.3	19.6	19.9	20.1	20.3	20.4
-75°	16.7	17.1	17.4	17.7	17.9	18.2	18.5	18.7	19.0	19.2	19.5
-76.25°	15.0	15.5	15.9	16.4	16.8	17.1	17.4	17.6	17.8	18.0	18.3
-77.5°	13.4	13.8	14.2	14.6	15.0	15.4	15.7	16.1	16.4	16.8	17.1



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	11.8	12.1	12.5	12.9	13.2	13.5	13.9	14.2	14.5	14.8	15.1
-80°	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.3	12.6	12.8	13.1
-81.25°	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3
-82.5°	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.2	9.3	9.5	9.7
-83.75°	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	7.9	8.1
-85°	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4
-86.25°	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
-87.5°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-88.75°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
86.25°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
85°	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4
83.75°	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.0	9.1	9.2	9.2
82.5°	9.8	10.0	10.1	10.3	10.4	10.5	10.6	10.8	10.9	11.0	11.1
81.25°	11.5	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.8	13.0	13.2
80°	13.4	13.6	13.8	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.5
78.75°	15.4	15.7	15.9	16.2	16.5	16.7	16.9	17.1	17.2	17.3	17.5
77.5°	17.3	17.4	17.6	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.8
76.25°	18.5	18.7	18.9	19.1	19.3	19.4	19.6	19.8	19.9	20.1	20.1
75°	19.7	19.9	20.1	20.2	20.4	20.5	20.6	20.7	20.9	21.0	21.1
73.75°	20.6	20.8	20.9	21.1	21.2	21.4	21.5	21.6	21.8	21.9	22.0
72.5°	21.4	21.6	21.8	21.9	22.2	22.5	22.8	23.0	23.3	23.6	23.8
71.25°	22.4	22.8	23.2	23.5	23.9	24.2	24.5	24.8	25.1	25.4	25.6
70°	24.0	24.4	24.8	25.2	25.6	25.9	26.4	27.0	27.6	28.1	28.6
68.75°	25.6	26.1	26.8	27.5	28.2	28.9	29.5	30.1	30.7	31.2	31.8
67.5°	28.2	28.9	29.7	30.5	31.2	31.9	32.6	33.2	33.8	34.4	35.0
66.25°	30.9	31.8	32.6	33.4	34.2	34.9	35.6	36.3	36.9	37.6	38.2
65°	33.7	34.6	35.5	36.3	37.1	37.9	38.6	39.4	40.1	40.9	41.7
63.75°	36.5	37.4	38.3	39.2	40.1	41.1	42.2	43.1	44.1	45.0	45.8
62.5°	39.2	40.3	41.5	42.7	43.9	45.0	46.0	47.1	48.1	49.0	49.7
61.25°	42.5	43.9	45.2	46.4	47.6	48.8	49.7	50.6	51.4	52.1	52.9
60°	46.0	47.4	48.8	49.9	50.8	51.8	52.7	53.6	54.4	55.3	56.0
58.75°	49.4	50.5	51.6	52.7	53.8	54.7	55.7	56.5	57.1	57.7	58.3
57.5°	52.1	53.3	54.4	55.6	56.5	57.2	57.9	58.6	59.3	59.9	60.5
56.25°	54.8	56.0	56.9	57.7	58.5	59.3	60.0	60.8	61.5	62.1	62.8
55°	57.0	58.0	58.9	59.7	60.6	61.4	62.2	62.9	63.6	64.3	65.0
53.75°	58.9	59.9	60.8	61.7	62.6	63.5	64.3	65.1	65.8	66.5	67.2
52.5°	60.8	61.8	62.8	63.7	64.6	65.5	66.4	67.2	68.0	68.7	69.4
51.25°	62.7	63.7	64.7	65.7	66.6	67.6	68.4	69.3	70.1	70.9	71.4
50°	64.5	65.6	66.7	67.7	68.7	69.6	70.5	71.2	71.8	72.2	72.7
48.75°	66.4	67.5	68.6	69.6	70.6	71.4	72.0	72.5	73.0	73.5	74.0
47.5°	68.2	69.4	70.5	71.3	72.0	72.6	73.2	73.8	74.1	74.3	74.4
46.25°	70.0	71.1	71.8	72.5	73.1	73.8	74.1	74.3	74.5	74.7	74.9
45°	71.5	72.2	72.9	73.6	74.1	74.3	74.5	74.7	74.9	75.3	75.6
43.75°	72.5	73.3	74.0	74.3	74.5	74.7	74.9	75.3	75.7	76.1	76.5
42.5°	73.6	74.1	74.4	74.6	74.9	75.2	75.7	76.1	76.5	77.0	77.2
41.25°	74.2	74.5	74.7	75.0	75.5	76.0	76.5	76.9	77.2	77.4	77.6
40°	74.5	74.8	75.2	75.7	76.2	76.8	77.1	77.4	77.6	77.8	78.0
38.75°	74.9	75.3	75.9	76.5	77.0	77.3	77.5	77.8	78.0	78.4	78.9
37.5°	75.4	76.0	76.6	77.1	77.4	77.6	77.9	78.3	78.8	79.3	79.7
36.25°	76.1	76.7	77.1	77.4	77.7	78.0	78.5	79.1	79.6	80.1	80.5
35°	76.7	77.2	77.5	77.8	78.1	78.7	79.3	79.8	80.3	80.9	81.3



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	77.2	77.5	77.8	78.2	78.8	79.4	80.0	80.6	81.1	81.6	82.3
32.5°	77.5	77.8	78.3	78.9	79.5	80.1	80.7	81.3	81.9	82.8	83.9
31.25°	77.8	78.2	78.9	79.6	80.2	80.8	81.5	82.1	83.3	84.4	85.5
30°	78.1	78.8	79.5	80.2	80.9	81.5	82.3	83.5	84.7	85.9	88.6
28.75°	78.7	79.4	80.1	80.8	81.5	82.4	83.7	84.9	86.5	89.5	92.4
27.5°	79.3	80.0	80.7	81.5	82.3	83.7	85.0	86.8	90.0	93.1	96.4
26.25°	79.8	80.6	81.3	82.1	83.5	84.9	86.8	90.2	93.5	98.1	107.1
25°	80.3	81.1	81.9	83.3	84.7	86.5	90.0	93.5	98.6	108.2	117.6
23.75°	80.9	81.6	82.8	84.4	85.9	89.5	93.1	98.1	108.2	118.1	128.0
22.5°	81.3	82.3	83.9	85.5	88.6	92.4	96.4	107.1	117.6	128.0	138.6
21.25°	81.8	83.3	84.9	87.3	91.3	95.2	104.8	115.8	126.7	138.0	149.0
20°	82.5	84.2	85.9	89.8	93.9	101.5	113.0	124.3	136.1	147.7	159.9
18.75°	83.4	85.1	88.0	92.2	97.1	109.0	120.7	132.8	145.0	157.3	173.1
17.5°	84.2	85.9	90.2	94.5	103.9	116.1	128.4	141.1	153.6	168.8	203.9
16.25°	85.0	87.9	92.3	97.9	110.4	122.9	136.0	149.0	163.5	192.1	257.1
15°	85.7	89.7	94.2	103.7	116.6	129.6	143.1	156.5	175.9	225.8	323.3
13.75°	86.9	91.5	96.1	109.2	122.3	136.0	149.7	165.5	200.0	280.5	401.1
12.5°	88.4	93.1	100.9	114.3	127.8	141.9	155.9	176.8	233.5	342.1	482.6
11.25°	89.8	94.5	105.4	119.0	133.0	147.4	163.3	196.6	278.4	406.1	561.5
10°	91.1	95.9	109.4	123.2	137.7	152.3	170.0	216.3	325.5	471.8	636.1
8.75°	92.2	99.1	113.0	127.1	141.9	156.9	182.1	251.1	375.3	533.4	703.3
7.5°	93.2	102.1	116.2	130.6	145.6	161.9	195.5	281.8	419.2	588.4	763.7
6.25°	94.1	104.6	118.8	133.6	148.7	166.2	207.0	310.2	462.7	636.7	815.7
5°	94.8	106.7	121.0	136.1	151.3	169.7	220.5	339.7	499.2	676.6	858.9
3.75°	95.3	108.4	122.8	138.0	153.4	173.1	236.6	362.8	527.8	708.0	890.6
2.5°	95.7	109.6	124.0	139.4	154.8	178.2	248.2	379.4	548.4	731.0	913.3
1.25°	95.9	110.3	124.8	140.2	155.7	181.2	255.2	389.4	560.9	744.9	926.9
0°	96.0	110.5	125.0	140.5	156.0	182.3	257.5	392.8	565.0	749.5	931.5
-1.25°	95.9	110.3	124.8	140.2	155.7	181.2	255.2	389.4	560.9	744.9	926.9
-2.5°	95.7	109.6	124.0	139.4	154.8	178.2	248.2	379.4	548.4	731.0	913.3
-3.75°	95.3	108.4	122.8	138.0	153.4	173.1	236.6	362.8	527.8	708.0	890.6
-5°	94.8	106.7	121.0	136.1	151.3	169.7	220.5	339.7	499.2	676.6	858.9
-6.25°	94.1	104.6	118.8	133.6	148.7	166.2	207.0	310.2	462.7	636.7	815.7
-7.5°	93.2	102.1	116.2	130.6	145.6	161.9	195.5	281.8	419.2	588.4	763.7
-8.75°	92.2	99.1	113.0	127.1	141.9	156.9	182.1	251.1	375.3	533.4	703.3
-10°	91.1	95.9	109.4	123.2	137.7	152.3	170.0	216.3	325.5	471.8	636.1
-11.25°	89.8	94.5	105.4	119.0	133.0	147.4	163.3	196.6	278.4	406.1	561.5
-12.5°	88.4	93.1	100.9	114.3	127.8	141.9	155.9	176.8	233.5	342.1	482.6
-13.75°	86.9	91.5	96.1	109.2	122.3	136.0	149.7	165.5	200.0	280.5	401.1
-15°	85.7	89.7	94.2	103.7	116.6	129.6	143.1	156.5	175.9	225.8	323.3
-16.25°	85.0	87.9	92.3	97.9	110.4	122.9	136.0	149.0	163.5	192.1	257.1
-17.5°	84.2	85.9	90.2	94.5	103.9	116.1	128.4	141.1	153.6	168.8	203.9
-18.75°	83.4	85.1	88.0	92.2	97.1	109.0	120.7	132.8	145.0	157.3	173.1
-20°	82.5	84.2	85.9	89.8	93.9	101.5	113.0	124.3	136.1	147.7	159.9
-21.25°	81.8	83.3	84.9	87.3	91.3	95.2	104.8	115.8	126.7	138.0	149.0



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	81.3	82.3	83.9	85.5	88.6	92.4	96.4	107.1	117.6	128.0	138.6
-23.75°	80.9	81.6	82.8	84.4	85.9	89.5	93.1	98.1	108.2	118.1	128.0
-25°	80.3	81.1	81.9	83.3	84.7	86.5	90.0	93.5	98.6	108.2	117.6
-26.25°	79.8	80.6	81.3	82.1	83.5	84.9	86.8	90.2	93.5	98.1	107.1
-27.5°	79.3	80.0	80.7	81.5	82.3	83.7	85.0	86.8	90.0	93.1	96.4
-28.75°	78.7	79.4	80.1	80.8	81.5	82.4	83.7	84.9	86.5	89.5	92.4
-30°	78.1	78.8	79.5	80.2	80.9	81.5	82.3	83.5	84.7	85.9	88.6
-31.25°	77.8	78.2	78.9	79.6	80.2	80.8	81.5	82.1	83.3	84.4	85.5
-32.5°	77.5	77.8	78.3	78.9	79.5	80.1	80.7	81.3	81.9	82.8	83.9
-33.75°	77.2	77.5	77.8	78.2	78.8	79.4	80.0	80.6	81.1	81.6	82.3
-35°	76.7	77.2	77.5	77.8	78.1	78.7	79.3	79.8	80.3	80.9	81.3
-36.25°	76.1	76.7	77.1	77.4	77.7	78.0	78.5	79.1	79.6	80.1	80.5
-37.5°	75.4	76.0	76.6	77.1	77.4	77.6	77.9	78.3	78.8	79.3	79.7
-38.75°	74.9	75.3	75.9	76.5	77.0	77.3	77.5	77.8	78.0	78.4	78.9
-40°	74.5	74.8	75.2	75.7	76.2	76.8	77.1	77.4	77.6	77.8	78.0
-41.25°	74.2	74.5	74.7	75.0	75.5	76.0	76.5	76.9	77.2	77.4	77.6
-42.5°	73.6	74.1	74.4	74.6	74.9	75.2	75.7	76.1	76.5	77.0	77.2
-43.75°	72.5	73.3	74.0	74.3	74.5	74.7	74.9	75.3	75.7	76.1	76.5
-45°	71.5	72.2	72.9	73.6	74.1	74.3	74.5	74.7	74.9	75.3	75.6
-46.25°	70.0	71.1	71.8	72.5	73.1	73.8	74.1	74.3	74.5	74.7	74.9
-47.5°	68.2	69.4	70.5	71.3	72.0	72.6	73.2	73.8	74.1	74.3	74.4
-48.75°	66.4	67.5	68.6	69.6	70.6	71.4	72.0	72.5	73.0	73.5	74.0
-50°	64.5	65.6	66.7	67.7	68.7	69.6	70.5	71.2	71.8	72.2	72.7
-51.25°	62.7	63.7	64.7	65.7	66.6	67.6	68.4	69.3	70.1	70.9	71.4
-52.5°	60.8	61.8	62.8	63.7	64.6	65.5	66.4	67.2	68.0	68.7	69.4
-53.75°	58.9	59.9	60.8	61.7	62.6	63.5	64.3	65.1	65.8	66.5	67.2
-55°	57.0	58.0	58.9	59.7	60.6	61.4	62.2	62.9	63.6	64.3	65.0
-56.25°	54.8	56.0	56.9	57.7	58.5	59.3	60.0	60.8	61.5	62.1	62.8
-57.5°	52.1	53.3	54.4	55.6	56.5	57.2	57.9	58.6	59.3	59.9	60.5
-58.75°	49.4	50.5	51.6	52.7	53.8	54.7	55.7	56.5	57.1	57.7	58.3
-60°	46.0	47.4	48.8	49.9	50.8	51.8	52.7	53.6	54.4	55.3	56.0
-61.25°	42.5	43.9	45.2	46.4	47.6	48.8	49.7	50.6	51.4	52.1	52.9
-62.5°	39.2	40.3	41.5	42.7	43.9	45.0	46.0	47.1	48.1	49.0	49.7
-63.75°	36.5	37.4	38.3	39.2	40.1	41.1	42.2	43.1	44.1	45.0	45.8
-65°	33.7	34.6	35.5	36.3	37.1	37.9	38.6	39.4	40.1	40.9	41.7
-66.25°	30.9	31.8	32.6	33.4	34.2	34.9	35.6	36.3	36.9	37.6	38.2
-67.5°	28.2	28.9	29.7	30.5	31.2	31.9	32.6	33.2	33.8	34.4	35.0
-68.75°	25.6	26.1	26.8	27.5	28.2	28.9	29.5	30.1	30.7	31.2	31.8
-70°	24.0	24.4	24.8	25.2	25.6	25.9	26.4	27.0	27.6	28.1	28.6
-71.25°	22.4	22.8	23.2	23.5	23.9	24.2	24.5	24.8	25.1	25.4	25.6
-72.5°	21.4	21.6	21.8	21.9	22.2	22.5	22.8	23.0	23.3	23.6	23.8
-73.75°	20.6	20.8	20.9	21.1	21.2	21.4	21.5	21.6	21.8	21.9	22.0
-75°	19.7	19.9	20.1	20.2	20.4	20.5	20.6	20.7	20.9	21.0	21.1
-76.25°	18.5	18.7	18.9	19.1	19.3	19.4	19.6	19.8	19.9	20.1	20.1
-77.5°	17.3	17.4	17.6	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.8



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	15.4	15.7	15.9	16.2	16.5	16.7	16.9	17.1	17.2	17.3	17.5
-80°	13.4	13.6	13.8	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.5
-81.25°	11.5	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.8	13.0	13.2
-82.5°	9.8	10.0	10.1	10.3	10.4	10.5	10.6	10.8	10.9	11.0	11.1
-83.75°	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.0	9.1	9.2	9.2
-85°	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4
-86.25°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
-87.5°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
-88.75°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
87.5°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
86.25°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
85°	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9
83.75°	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.9
82.5°	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8	11.8	11.9
81.25°	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3
80°	15.6	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8
78.75°	17.6	17.7	17.8	17.9	18.0	18.0	18.1	18.2	18.2	18.3	18.3
77.5°	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.6	19.7	19.8	19.8
76.25°	20.2	20.3	20.4	20.5	20.6	20.6	20.7	20.7	20.8	20.8	20.9
75°	21.2	21.3	21.3	21.4	21.5	21.6	21.6	21.7	21.8	21.8	21.9
73.75°	22.2	22.4	22.6	22.8	22.9	23.1	23.2	23.4	23.5	23.6	23.7
72.5°	24.0	24.3	24.5	24.7	24.8	25.0	25.2	25.3	25.4	25.6	25.7
71.25°	25.9	26.2	26.6	27.0	27.3	27.6	27.9	28.2	28.5	28.7	28.9
70°	29.0	29.5	29.9	30.3	30.7	31.0	31.3	31.6	31.9	32.1	32.3
68.75°	32.3	32.8	33.2	33.6	34.0	34.4	34.7	35.0	35.3	35.6	35.8
67.5°	35.5	36.0	36.5	36.9	37.4	37.7	38.1	38.4	38.7	39.0	39.2
66.25°	38.7	39.3	39.8	40.3	40.9	41.4	41.9	42.4	42.8	43.1	43.4
65°	42.5	43.2	43.9	44.6	45.2	45.7	46.3	46.7	47.2	47.5	47.9
63.75°	46.6	47.4	48.1	48.8	49.4	49.8	50.2	50.6	51.0	51.3	51.6
62.5°	50.4	51.0	51.6	52.2	52.7	53.2	53.6	54.0	54.4	54.7	55.0
61.25°	53.6	54.2	54.9	55.5	56.0	56.4	56.7	57.0	57.3	57.5	57.8
60°	56.6	57.0	57.5	58.0	58.4	58.8	59.1	59.4	59.7	60.0	60.2
58.75°	58.8	59.4	59.8	60.3	60.7	61.1	61.5	61.9	62.2	62.4	62.7
57.5°	61.1	61.6	62.2	62.7	63.1	63.5	63.9	64.3	64.6	64.9	65.2
56.25°	63.4	63.9	64.5	65.0	65.5	65.9	66.3	66.7	67.0	67.3	67.6
55°	65.6	66.2	66.8	67.3	67.8	68.3	68.7	69.1	69.5	69.8	70.1
53.75°	67.9	68.5	69.1	69.7	70.2	70.7	71.1	71.3	71.5	71.7	71.9
52.5°	70.1	70.8	71.2	71.6	71.9	72.2	72.5	72.8	73.0	73.2	73.4
51.25°	71.8	72.2	72.6	73.0	73.3	73.6	73.9	74.1	74.1	74.2	74.3
50°	73.2	73.6	74.0	74.1	74.2	74.4	74.5	74.5	74.6	74.7	74.8
48.75°	74.2	74.3	74.5	74.6	74.7	74.8	74.9	75.1	75.2	75.4	75.5
47.5°	74.6	74.8	74.9	75.1	75.3	75.6	75.8	76.0	76.2	76.4	76.5
46.25°	75.1	75.4	75.7	76.0	76.3	76.5	76.8	77.0	77.1	77.2	77.2
45°	76.0	76.3	76.6	76.9	77.1	77.2	77.4	77.5	77.6	77.7	77.7
43.75°	76.9	77.1	77.3	77.4	77.6	77.7	77.8	77.9	78.1	78.3	78.4
42.5°	77.4	77.5	77.7	77.9	78.0	78.3	78.6	78.8	79.0	79.2	79.4
41.25°	77.8	78.0	78.3	78.6	79.0	79.3	79.5	79.8	80.0	80.2	80.4
40°	78.4	78.8	79.2	79.5	79.9	80.2	80.5	80.7	81.0	81.2	81.4
38.75°	79.3	79.7	80.1	80.4	80.8	81.1	81.4	81.7	81.9	82.3	82.7
37.5°	80.1	80.6	81.0	81.3	81.7	82.0	82.7	83.2	83.7	84.2	84.6
36.25°	81.0	81.4	81.8	82.4	83.2	83.9	84.5	85.1	85.6	86.3	87.4
35°	81.8	82.5	83.4	84.2	85.0	85.7	86.9	88.4	89.8	91.1	92.2



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	83.3	84.2	85.1	85.9	87.9	89.7	91.5	93.1	94.5	95.9	99.1
32.5°	84.9	85.9	88.0	90.2	92.3	94.2	96.1	100.9	105.4	109.4	113.0
31.25°	87.3	89.8	92.2	94.5	97.9	103.7	109.2	114.3	119.0	123.2	127.1
30°	91.3	93.9	97.1	103.9	110.4	116.6	122.3	127.8	133.0	137.7	141.9
28.75°	95.2	101.5	109.0	116.1	122.9	129.6	136.0	141.9	147.4	152.3	156.9
27.5°	104.8	113.0	120.7	128.4	136.0	143.1	149.7	155.9	163.3	170.0	182.1
26.25°	115.8	124.3	132.8	141.1	149.0	156.5	165.5	176.8	196.6	216.3	251.1
25°	126.7	136.1	145.0	153.6	163.5	175.9	200.0	233.5	278.4	325.5	375.3
23.75°	138.0	147.7	157.3	168.8	192.1	225.8	280.5	342.1	406.1	471.8	533.4
22.5°	149.0	159.9	173.1	203.9	257.1	323.3	401.1	482.6	561.5	636.1	703.3
21.25°	160.8	177.7	211.0	278.1	360.0	450.1	545.6	637.6	723.7	804.0	875.4
20°	177.7	213.8	288.7	382.2	485.8	592.3	695.8	794.7	885.1	963.6	1030.2
18.75°	211.0	288.7	389.7	503.8	621.0	735.7	846.4	944.1	1029.9	1102.0	1161.8
17.5°	278.1	382.2	503.8	630.7	756.0	876.6	984.1	1074.6	1152.9	1219.8	1290.5
16.25°	360.0	485.8	621.0	756.0	886.4	1003.8	1101.9	1185.8	1268.6	1352.8	1455.4
15°	450.1	592.3	735.7	876.6	1003.8	1111.0	1202.4	1299.4	1409.4	1530.8	1671.7
13.75°	545.6	695.8	846.4	984.1	1101.9	1202.4	1309.8	1438.3	1588.8	1754.6	1938.8
12.5°	637.6	794.7	944.1	1074.6	1185.8	1299.4	1438.3	1608.3	1804.7	2019.8	2261.7
11.25°	723.7	885.1	1029.9	1152.9	1268.6	1409.4	1588.8	1804.7	2052.3	2330.0	2615.5
10°	804.0	963.6	1102.0	1219.8	1352.8	1530.8	1754.6	2019.8	2330.0	2655.7	2986.2
8.75°	875.4	1030.2	1161.8	1290.5	1455.4	1671.7	1938.8	2261.7	2615.5	2986.2	3353.1
7.5°	934.7	1085.0	1212.7	1355.2	1554.5	1811.3	2127.7	2496.7	2893.4	3301.4	3712.1
6.25°	985.8	1130.9	1262.2	1430.1	1657.5	1946.8	2307.2	2712.5	3149.2	3594.1	4049.0
5°	1024.7	1165.4	1305.9	1492.8	1744.8	2073.6	2472.2	2911.4	3374.4	3859.2	4346.7
3.75°	1053.8	1192.6	1340.4	1548.0	1828.9	2185.5	2606.4	3071.5	3561.2	4078.1	4588.9
2.5°	1074.8	1212.2	1369.2	1594.1	1890.0	2266.9	2705.4	3192.6	3705.4	4241.7	4770.5
1.25°	1087.5	1224.0	1389.5	1622.1	1927.1	2316.4	2770.6	3267.0	3793.9	4342.8	4882.9
0°	1091.8	1228.0	1396.3	1631.5	1939.5	2333.0	2792.5	3292.0	3823.8	4377.0	4921.0
-1.25°	1087.5	1224.0	1389.5	1622.1	1927.1	2316.4	2770.6	3267.0	3793.9	4342.8	4882.9
-2.5°	1074.8	1212.2	1369.2	1594.1	1890.0	2266.9	2705.4	3192.6	3705.4	4241.7	4770.5
-3.75°	1053.8	1192.6	1340.4	1548.0	1828.9	2185.5	2606.4	3071.5	3561.2	4078.1	4588.9
-5°	1024.7	1165.4	1305.9	1492.8	1744.8	2073.6	2472.2	2911.4	3374.4	3859.2	4346.7
-6.25°	985.8	1130.9	1262.2	1430.1	1657.5	1946.8	2307.2	2712.5	3149.2	3594.1	4049.0
-7.5°	934.7	1085.0	1212.7	1355.2	1554.5	1811.3	2127.7	2496.7	2893.4	3301.4	3712.1
-8.75°	875.4	1030.2	1161.8	1290.5	1455.4	1671.7	1938.8	2261.7	2615.5	2986.2	3353.1
-10°	804.0	963.6	1102.0	1219.8	1352.8	1530.8	1754.6	2019.8	2330.0	2655.7	2986.2
-11.25°	723.7	885.1	1029.9	1152.9	1268.6	1409.4	1588.8	1804.7	2052.3	2330.0	2615.5
-12.5°	637.6	794.7	944.1	1074.6	1185.8	1299.4	1438.3	1608.3	1804.7	2019.8	2261.7
-13.75°	545.6	695.8	846.4	984.1	1101.9	1202.4	1309.8	1438.3	1588.8	1754.6	1938.8
-15°	450.1	592.3	735.7	876.6	1003.8	1111.0	1202.4	1299.4	1409.4	1530.8	1671.7
-16.25°	360.0	485.8	621.0	756.0	886.4	1003.8	1101.9	1185.8	1268.6	1352.8	1455.4
-17.5°	278.1	382.2	503.8	630.7	756.0	876.6	984.1	1074.6	1152.9	1219.8	1290.5
-18.75°	211.0	288.7	389.7	503.8	621.0	735.7	846.4	944.1	1029.9	1102.0	1161.8
-20°	177.7	213.8	288.7	382.2	485.8	592.3	695.8	794.7	885.1	963.6	1030.2
-21.25°	160.8	177.7	211.0	278.1	360.0	450.1	545.6	637.6	723.7	804.0	875.4



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	149.0	159.9	173.1	203.9	257.1	323.3	401.1	482.6	561.5	636.1	703.3
-23.75°	138.0	147.7	157.3	168.8	192.1	225.8	280.5	342.1	406.1	471.8	533.4
-25°	126.7	136.1	145.0	153.6	163.5	175.9	200.0	233.5	278.4	325.5	375.3
-26.25°	115.8	124.3	132.8	141.1	149.0	156.5	165.5	176.8	196.6	216.3	251.1
-27.5°	104.8	113.0	120.7	128.4	136.0	143.1	149.7	155.9	163.3	170.0	182.1
-28.75°	95.2	101.5	109.0	116.1	122.9	129.6	136.0	141.9	147.4	152.3	156.9
-30°	91.3	93.9	97.1	103.9	110.4	116.6	122.3	127.8	133.0	137.7	141.9
-31.25°	87.3	89.8	92.2	94.5	97.9	103.7	109.2	114.3	119.0	123.2	127.1
-32.5°	84.9	85.9	88.0	90.2	92.3	94.2	96.1	100.9	105.4	109.4	113.0
-33.75°	83.3	84.2	85.1	85.9	87.9	89.7	91.5	93.1	94.5	95.9	99.1
-35°	81.8	82.5	83.4	84.2	85.0	85.7	86.9	88.4	89.8	91.1	92.2
-36.25°	81.0	81.4	81.8	82.4	83.2	83.9	84.5	85.1	85.6	86.3	87.4
-37.5°	80.1	80.6	81.0	81.3	81.7	82.0	82.7	83.2	83.7	84.2	84.6
-38.75°	79.3	79.7	80.1	80.4	80.8	81.1	81.4	81.7	81.9	82.3	82.7
-40°	78.4	78.8	79.2	79.5	79.9	80.2	80.5	80.7	81.0	81.2	81.4
-41.25°	77.8	78.0	78.3	78.6	79.0	79.3	79.5	79.8	80.0	80.2	80.4
-42.5°	77.4	77.5	77.7	77.9	78.0	78.3	78.6	78.8	79.0	79.2	79.4
-43.75°	76.9	77.1	77.3	77.4	77.6	77.7	77.8	77.9	78.1	78.3	78.4
-45°	76.0	76.3	76.6	76.9	77.1	77.2	77.4	77.5	77.6	77.7	77.7
-46.25°	75.1	75.4	75.7	76.0	76.3	76.5	76.8	77.0	77.1	77.2	77.2
-47.5°	74.6	74.8	74.9	75.1	75.3	75.6	75.8	76.0	76.2	76.4	76.5
-48.75°	74.2	74.3	74.5	74.6	74.7	74.8	74.9	75.1	75.2	75.4	75.5
-50°	73.2	73.6	74.0	74.1	74.2	74.4	74.5	74.5	74.6	74.7	74.8
-51.25°	71.8	72.2	72.6	73.0	73.3	73.6	73.9	74.1	74.1	74.2	74.3
-52.5°	70.1	70.8	71.2	71.6	71.9	72.2	72.5	72.8	73.0	73.2	73.4
-53.75°	67.9	68.5	69.1	69.7	70.2	70.7	71.1	71.3	71.5	71.7	71.9
-55°	65.6	66.2	66.8	67.3	67.8	68.3	68.7	69.1	69.5	69.8	70.1
-56.25°	63.4	63.9	64.5	65.0	65.5	65.9	66.3	66.7	67.0	67.3	67.6
-57.5°	61.1	61.6	62.2	62.7	63.1	63.5	63.9	64.3	64.6	64.9	65.2
-58.75°	58.8	59.4	59.8	60.3	60.7	61.1	61.5	61.9	62.2	62.4	62.7
-60°	56.6	57.0	57.5	58.0	58.4	58.8	59.1	59.4	59.7	60.0	60.2
-61.25°	53.6	54.2	54.9	55.5	56.0	56.4	56.7	57.0	57.3	57.5	57.8
-62.5°	50.4	51.0	51.6	52.2	52.7	53.2	53.6	54.0	54.4	54.7	55.0
-63.75°	46.6	47.4	48.1	48.8	49.4	49.8	50.2	50.6	51.0	51.3	51.6
-65°	42.5	43.2	43.9	44.6	45.2	45.7	46.3	46.7	47.2	47.5	47.9
-66.25°	38.7	39.3	39.8	40.3	40.9	41.4	41.9	42.4	42.8	43.1	43.4
-67.5°	35.5	36.0	36.5	36.9	37.4	37.7	38.1	38.4	38.7	39.0	39.2
-68.75°	32.3	32.8	33.2	33.6	34.0	34.4	34.7	35.0	35.3	35.6	35.8
-70°	29.0	29.5	29.9	30.3	30.7	31.0	31.3	31.6	31.9	32.1	32.3
-71.25°	25.9	26.2	26.6	27.0	27.3	27.6	27.9	28.2	28.5	28.7	28.9
-72.5°	24.0	24.3	24.5	24.7	24.8	25.0	25.2	25.3	25.4	25.6	25.7
-73.75°	22.2	22.4	22.6	22.8	22.9	23.1	23.2	23.4	23.5	23.6	23.7
-75°	21.2	21.3	21.3	21.4	21.5	21.6	21.6	21.7	21.8	21.8	21.9
-76.25°	20.2	20.3	20.4	20.5	20.6	20.6	20.7	20.7	20.8	20.8	20.9
-77.5°	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.6	19.7	19.8	19.8



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	17.6	17.7	17.8	17.9	18.0	18.0	18.1	18.2	18.2	18.3	18.3
-80°	15.6	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8
-81.25°	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3
-82.5°	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8	11.8	11.9
-83.75°	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.9
-85°	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9
-86.25°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
-87.5°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
-88.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
86.25°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
85°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
83.75°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
82.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
81.25°	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4
80°	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9
78.75°	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.4
77.5°	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9
76.25°	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
75°	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
73.75°	23.8	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.9
72.5°	25.8	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
71.25°	29.0	29.2	29.3	29.4	29.4	29.5	29.5	29.5	29.4	29.4	29.3
70°	32.5	32.7	32.8	32.9	32.9	33.0	33.0	33.0	32.9	32.9	32.8
68.75°	36.0	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.4	36.4	36.3
67.5°	39.4	39.6	39.7	39.9	39.9	40.0	40.0	40.0	39.9	39.9	39.7
66.25°	43.7	44.0	44.2	44.3	44.4	44.5	44.5	44.5	44.4	44.3	44.2
65°	48.2	48.4	48.6	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.6
63.75°	51.8	52.0	52.2	52.3	52.4	52.5	52.5	52.5	52.4	52.3	52.2
62.5°	55.3	55.5	55.7	55.8	55.9	56.0	56.0	56.0	55.9	55.8	55.7
61.25°	58.0	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.4	58.4	58.3
60°	60.4	60.6	60.7	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.7
58.75°	62.9	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.4	63.4	63.2
57.5°	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	65.9	65.8	65.7
56.25°	67.8	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.4	68.3	68.2
55°	70.3	70.5	70.7	70.8	70.9	71.0	71.0	71.0	70.9	70.8	70.7
53.75°	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.4	72.3
52.5°	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0	73.9	73.9	73.8
51.25°	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.4
50°	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	74.9
48.75°	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	75.9	75.8
47.5°	76.6	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	76.9	76.8
46.25°	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.4
45°	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	77.9
43.75°	78.6	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	78.9	78.8
42.5°	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	79.9	79.8
41.25°	80.6	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	80.9	80.8
40°	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	81.9	81.9	81.8
38.75°	83.0	83.3	83.6	83.8	83.9	84.0	84.0	84.0	83.9	83.8	83.6
37.5°	85.0	85.3	85.5	85.7	85.9	86.0	86.0	86.0	85.9	85.7	85.5
36.25°	88.3	89.2	89.8	90.3	90.7	90.9	91.0	90.9	90.7	90.3	89.8
35°	93.2	94.1	94.8	95.3	95.7	95.9	96.0	95.9	95.7	95.3	94.8



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	102.1	104.6	106.7	108.4	109.6	110.3	110.5	110.3	109.6	108.4	106.7
32.5°	116.2	118.8	121.0	122.8	124.0	124.8	125.0	124.8	124.0	122.8	121.0
31.25°	130.6	133.6	136.1	138.0	139.4	140.2	140.5	140.2	139.4	138.0	136.1
30°	145.6	148.7	151.3	153.4	154.8	155.7	156.0	155.7	154.8	153.4	151.3
28.75°	161.9	166.2	169.7	173.1	178.2	181.2	182.3	181.2	178.2	173.1	169.7
27.5°	195.5	207.0	220.5	236.6	248.2	255.2	257.5	255.2	248.2	236.6	220.5
26.25°	281.8	310.2	339.7	362.8	379.4	389.4	392.8	389.4	379.4	362.8	339.7
25°	419.2	462.7	499.2	527.8	548.4	560.9	565.0	560.9	548.4	527.8	499.2
23.75°	588.4	636.7	676.6	708.0	731.0	744.9	749.5	744.9	731.0	708.0	676.6
22.5°	763.7	815.7	858.9	890.6	913.3	926.9	931.5	926.9	913.3	890.6	858.9
21.25°	934.7	985.8	1024.7	1053.8	1074.8	1087.5	1091.8	1087.5	1074.8	1053.8	1024.7
20°	1085.0	1130.9	1165.4	1192.6	1212.2	1224.0	1228.0	1224.0	1212.2	1192.6	1165.4
18.75°	1212.7	1262.2	1305.9	1340.4	1369.2	1389.5	1396.3	1389.5	1369.2	1340.4	1305.9
17.5°	1355.2	1430.1	1492.8	1548.0	1594.1	1622.1	1631.5	1622.1	1594.1	1548.0	1492.8
16.25°	1554.5	1657.5	1744.8	1828.9	1890.0	1927.1	1939.5	1927.1	1890.0	1828.9	1744.8
15°	1811.3	1946.8	2073.6	2185.5	2266.9	2316.4	2333.0	2316.4	2266.9	2185.5	2073.6
13.75°	2127.7	2307.2	2472.2	2606.4	2705.4	2770.6	2792.5	2770.6	2705.4	2606.4	2472.2
12.5°	2496.7	2712.5	2911.4	3071.5	3192.6	3267.0	3292.0	3267.0	3192.6	3071.5	2911.4
11.25°	2893.4	3149.2	3374.4	3561.2	3705.4	3793.9	3823.8	3793.9	3705.4	3561.2	3374.4
10°	3301.4	3594.1	3859.2	4078.1	4241.7	4342.8	4377.0	4342.8	4241.7	4078.1	3859.2
8.75°	3712.1	4049.0	4346.7	4588.9	4770.5	4882.9	4921.0	4882.9	4770.5	4588.9	4346.7
7.5°	4114.4	4485.4	4810.4	5080.6	5283.2	5402.3	5443.0	5402.3	5283.2	5080.6	4810.4
6.25°	4485.4	4886.4	5245.9	5528.2	5731.9	5851.6	5893.0	5851.6	5731.9	5528.2	5245.9
5°	4810.4	5245.9	5614.6	5894.0	6101.6	6233.5	6280.0	6233.5	6101.6	5894.0	5614.6
3.75°	5080.6	5528.2	5894.0	6188.7	6399.6	6532.2	6575.5	6532.2	6399.6	6188.7	5894.0
2.5°	5283.2	5731.9	6101.6	6399.6	6621.5	6764.1	6804.5	6764.1	6621.5	6399.6	6101.6
1.25°	5402.3	5851.6	6233.5	6532.2	6764.1	6897.4	6951.8	6897.4	6764.1	6532.2	6233.5
0°	5443.0	5893.0	6280.0	6575.5	6804.5	6951.8	7056.0	6951.8	6804.5	6575.5	6280.0
-1.25°	5402.3	5851.6	6233.5	6532.2	6764.1	6897.4	6951.8	6897.4	6764.1	6532.2	6233.5
-2.5°	5283.2	5731.9	6101.6	6399.6	6621.5	6764.1	6804.5	6764.1	6621.5	6399.6	6101.6
-3.75°	5080.6	5528.2	5894.0	6188.7	6399.6	6532.2	6575.5	6532.2	6399.6	6188.7	5894.0
-5°	4810.4	5245.9	5614.6	5894.0	6101.6	6233.5	6280.0	6233.5	6101.6	5894.0	5614.6
-6.25°	4485.4	4886.4	5245.9	5528.2	5731.9	5851.6	5893.0	5851.6	5731.9	5528.2	5245.9
-7.5°	4114.4	4485.4	4810.4	5080.6	5283.2	5402.3	5443.0	5402.3	5283.2	5080.6	4810.4
-8.75°	3712.1	4049.0	4346.7	4588.9	4770.5	4882.9	4921.0	4882.9	4770.5	4588.9	4346.7
-10°	3301.4	3594.1	3859.2	4078.1	4241.7	4342.8	4377.0	4342.8	4241.7	4078.1	3859.2
-11.25°	2893.4	3149.2	3374.4	3561.2	3705.4	3793.9	3823.8	3793.9	3705.4	3561.2	3374.4
-12.5°	2496.7	2712.5	2911.4	3071.5	3192.6	3267.0	3292.0	3267.0	3192.6	3071.5	2911.4
-13.75°	2127.7	2307.2	2472.2	2606.4	2705.4	2770.6	2792.5	2770.6	2705.4	2606.4	2472.2
-15°	1811.3	1946.8	2073.6	2185.5	2266.9	2316.4	2333.0	2316.4	2266.9	2185.5	2073.6
-16.25°	1554.5	1657.5	1744.8	1828.9	1890.0	1927.1	1939.5	1927.1	1890.0	1828.9	1744.8
-17.5°	1355.2	1430.1	1492.8	1548.0	1594.1	1622.1	1631.5	1622.1	1594.1	1548.0	1492.8
-18.75°	1212.7	1262.2	1305.9	1340.4	1369.2	1389.5	1396.3	1389.5	1369.2	1340.4	1305.9
-20°	1085.0	1130.9	1165.4	1192.6	1212.2	1224.0	1228.0	1224.0	1212.2	1192.6	1165.4
-21.25°	934.7	985.8	1024.7	1053.8	1074.8	1087.5	1091.8	1087.5	1074.8	1053.8	1024.7



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	763.7	815.7	858.9	890.6	913.3	926.9	931.5	926.9	913.3	890.6	858.9
-23.75°	588.4	636.7	676.6	708.0	731.0	744.9	749.5	744.9	731.0	708.0	676.6
-25°	419.2	462.7	499.2	527.8	548.4	560.9	565.0	560.9	548.4	527.8	499.2
-26.25°	281.8	310.2	339.7	362.8	379.4	389.4	392.8	389.4	379.4	362.8	339.7
-27.5°	195.5	207.0	220.5	236.6	248.2	255.2	257.5	255.2	248.2	236.6	220.5
-28.75°	161.9	166.2	169.7	173.1	178.2	181.2	182.3	181.2	178.2	173.1	169.7
-30°	145.6	148.7	151.3	153.4	154.8	155.7	156.0	155.7	154.8	153.4	151.3
-31.25°	130.6	133.6	136.1	138.0	139.4	140.2	140.5	140.2	139.4	138.0	136.1
-32.5°	116.2	118.8	121.0	122.8	124.0	124.8	125.0	124.8	124.0	122.8	121.0
-33.75°	102.1	104.6	106.7	108.4	109.6	110.3	110.5	110.3	109.6	108.4	106.7
-35°	93.2	94.1	94.8	95.3	95.7	95.9	96.0	95.9	95.7	95.3	94.8
-36.25°	88.3	89.2	89.8	90.3	90.7	90.9	91.0	90.9	90.7	90.3	89.8
-37.5°	85.0	85.3	85.5	85.7	85.9	86.0	86.0	86.0	85.9	85.7	85.5
-38.75°	83.0	83.3	83.6	83.8	83.9	84.0	84.0	84.0	83.9	83.8	83.6
-40°	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	81.9	81.9	81.8
-41.25°	80.6	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	80.9	80.8
-42.5°	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	79.9	79.8
-43.75°	78.6	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	78.9	78.8
-45°	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	77.9
-46.25°	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.4
-47.5°	76.6	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	76.9	76.8
-48.75°	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	75.9	75.8
-50°	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	74.9
-51.25°	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.4
-52.5°	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.0	73.9	73.9	73.8
-53.75°	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.4	72.3
-55°	70.3	70.5	70.7	70.8	70.9	71.0	71.0	71.0	70.9	70.8	70.7
-56.25°	67.8	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.4	68.3	68.2
-57.5°	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	65.9	65.8	65.7
-58.75°	62.9	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.4	63.4	63.2
-60°	60.4	60.6	60.7	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.7
-61.25°	58.0	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.4	58.4	58.3
-62.5°	55.3	55.5	55.7	55.8	55.9	56.0	56.0	56.0	55.9	55.8	55.7
-63.75°	51.8	52.0	52.2	52.3	52.4	52.5	52.5	52.5	52.4	52.3	52.2
-65°	48.2	48.4	48.6	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.6
-66.25°	43.7	44.0	44.2	44.3	44.4	44.5	44.5	44.5	44.4	44.3	44.2
-67.5°	39.4	39.6	39.7	39.9	39.9	40.0	40.0	40.0	39.9	39.9	39.7
-68.75°	36.0	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.4	36.4	36.3
-70°	32.5	32.7	32.8	32.9	32.9	33.0	33.0	33.0	32.9	32.9	32.8
-71.25°	29.0	29.2	29.3	29.4	29.4	29.5	29.5	29.5	29.4	29.4	29.3
-72.5°	25.8	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
-73.75°	23.8	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.9
-75°	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
-76.25°	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
-77.5°	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.4
-80°	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9
-81.25°	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4
-82.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-83.75°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
-85°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-86.25°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-88.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
87.5°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
86.25°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
85°	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6
83.75°	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.5
82.5°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.4	11.4
81.25°	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7	13.6
80°	16.9	16.8	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1	15.9
78.75°	18.4	18.4	18.3	18.3	18.2	18.2	18.1	18.0	18.0	17.9	17.8
77.5°	19.9	19.9	19.8	19.8	19.7	19.6	19.6	19.5	19.4	19.3	19.2
76.25°	20.9	20.9	20.9	20.8	20.8	20.7	20.7	20.6	20.6	20.5	20.4
75°	21.9	21.9	21.9	21.8	21.8	21.7	21.6	21.6	21.5	21.4	21.3
73.75°	23.8	23.8	23.7	23.6	23.5	23.4	23.2	23.1	22.9	22.8	22.6
72.5°	25.8	25.8	25.7	25.6	25.4	25.3	25.2	25.0	24.8	24.7	24.5
71.25°	29.2	29.0	28.9	28.7	28.5	28.2	27.9	27.6	27.3	27.0	26.6
70°	32.7	32.5	32.3	32.1	31.9	31.6	31.3	31.0	30.7	30.3	29.9
68.75°	36.1	36.0	35.8	35.6	35.3	35.0	34.7	34.4	34.0	33.6	33.2
67.5°	39.6	39.4	39.2	39.0	38.7	38.4	38.1	37.7	37.4	36.9	36.5
66.25°	44.0	43.7	43.4	43.1	42.8	42.4	41.9	41.4	40.9	40.3	39.8
65°	48.4	48.2	47.9	47.5	47.2	46.7	46.3	45.7	45.2	44.6	43.9
63.75°	52.0	51.8	51.6	51.3	51.0	50.6	50.2	49.8	49.4	48.8	48.1
62.5°	55.5	55.3	55.0	54.7	54.4	54.0	53.6	53.2	52.7	52.2	51.6
61.25°	58.1	58.0	57.8	57.5	57.3	57.0	56.7	56.4	56.0	55.5	54.9
60°	60.6	60.4	60.2	60.0	59.7	59.4	59.1	58.8	58.4	58.0	57.5
58.75°	63.1	62.9	62.7	62.4	62.2	61.9	61.5	61.1	60.7	60.3	59.8
57.5°	65.6	65.4	65.2	64.9	64.6	64.3	63.9	63.5	63.1	62.7	62.2
56.25°	68.0	67.8	67.6	67.3	67.0	66.7	66.3	65.9	65.5	65.0	64.5
55°	70.5	70.3	70.1	69.8	69.5	69.1	68.7	68.3	67.8	67.3	66.8
53.75°	72.2	72.1	71.9	71.7	71.5	71.3	71.1	70.7	70.2	69.7	69.1
52.5°	73.7	73.5	73.4	73.2	73.0	72.8	72.5	72.2	71.9	71.6	71.2
51.25°	74.4	74.3	74.3	74.2	74.1	74.1	73.9	73.6	73.3	73.0	72.6
50°	74.9	74.8	74.8	74.7	74.6	74.5	74.5	74.4	74.2	74.1	74.0
48.75°	75.8	75.7	75.5	75.4	75.2	75.1	74.9	74.8	74.7	74.6	74.5
47.5°	76.8	76.6	76.5	76.4	76.2	76.0	75.8	75.6	75.3	75.1	74.9
46.25°	77.4	77.3	77.2	77.2	77.1	77.0	76.8	76.5	76.3	76.0	75.7
45°	77.9	77.8	77.7	77.7	77.6	77.5	77.4	77.2	77.1	76.9	76.6
43.75°	78.7	78.6	78.4	78.3	78.1	77.9	77.8	77.7	77.6	77.4	77.3
42.5°	79.7	79.6	79.4	79.2	79.0	78.8	78.6	78.3	78.0	77.9	77.7
41.25°	80.7	80.6	80.4	80.2	80.0	79.8	79.5	79.3	79.0	78.6	78.3
40°	81.7	81.5	81.4	81.2	81.0	80.7	80.5	80.2	79.9	79.5	79.2
38.75°	83.3	83.0	82.7	82.3	81.9	81.7	81.4	81.1	80.8	80.4	80.1
37.5°	85.3	85.0	84.6	84.2	83.7	83.2	82.7	82.0	81.7	81.3	81.0
36.25°	89.2	88.3	87.4	86.3	85.6	85.1	84.5	83.9	83.2	82.4	81.8
35°	94.1	93.2	92.2	91.1	89.8	88.4	86.9	85.7	85.0	84.2	83.4



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	104.6	102.1	99.1	95.9	94.5	93.1	91.5	89.7	87.9	85.9	85.1
32.5°	118.8	116.2	113.0	109.4	105.4	100.9	96.1	94.2	92.3	90.2	88.0
31.25°	133.6	130.6	127.1	123.2	119.0	114.3	109.2	103.7	97.9	94.5	92.2
30°	148.7	145.6	141.9	137.7	133.0	127.8	122.3	116.6	110.4	103.9	97.1
28.75°	166.2	161.9	156.9	152.3	147.4	141.9	136.0	129.6	122.9	116.1	109.0
27.5°	207.0	195.5	182.1	170.0	163.3	155.9	149.7	143.1	136.0	128.4	120.7
26.25°	310.2	281.8	251.1	216.3	196.6	176.8	165.5	156.5	149.0	141.1	132.8
25°	462.7	419.2	375.3	325.5	278.4	233.5	200.0	175.9	163.5	153.6	145.0
23.75°	636.7	588.4	533.4	471.8	406.1	342.1	280.5	225.8	192.1	168.8	157.3
22.5°	815.7	763.7	703.3	636.1	561.5	482.6	401.1	323.3	257.1	203.9	173.1
21.25°	985.8	934.7	875.4	804.0	723.7	637.6	545.6	450.1	360.0	278.1	211.0
20°	1130.9	1085.0	1030.2	963.6	885.1	794.7	695.8	592.3	485.8	382.2	288.7
18.75°	1262.2	1212.7	1161.8	1102.0	1029.9	944.1	846.4	735.7	621.0	503.8	389.7
17.5°	1430.1	1355.2	1290.5	1219.8	1152.9	1074.6	984.1	876.6	756.0	630.7	503.8
16.25°	1657.5	1554.5	1455.4	1352.8	1268.6	1185.8	1101.9	1003.8	886.4	756.0	621.0
15°	1946.8	1811.3	1671.7	1530.8	1409.4	1299.4	1202.4	1111.0	1003.8	876.6	735.7
13.75°	2307.2	2127.7	1938.8	1754.6	1588.8	1438.3	1309.8	1202.4	1101.9	984.1	846.4
12.5°	2712.5	2496.7	2261.7	2019.8	1804.7	1608.3	1438.3	1299.4	1185.8	1074.6	944.1
11.25°	3149.2	2893.4	2615.5	2330.0	2052.3	1804.7	1588.8	1409.4	1268.6	1152.9	1029.9
10°	3594.1	3301.4	2986.2	2655.7	2330.0	2019.8	1754.6	1530.8	1352.8	1219.8	1102.0
8.75°	4049.0	3712.1	3353.1	2986.2	2615.5	2261.7	1938.8	1671.7	1455.4	1290.5	1161.8
7.5°	4485.4	4114.4	3712.1	3301.4	2893.4	2496.7	2127.7	1811.3	1554.5	1355.2	1212.7
6.25°	4886.4	4485.4	4049.0	3594.1	3149.2	2712.5	2307.2	1946.8	1657.5	1430.1	1262.2
5°	5245.9	4810.4	4346.7	3859.2	3374.4	2911.4	2472.2	2073.6	1744.8	1492.8	1305.9
3.75°	5528.2	5080.6	4588.9	4078.1	3561.2	3071.5	2606.4	2185.5	1828.9	1548.0	1340.4
2.5°	5731.9	5283.2	4770.5	4241.7	3705.4	3192.6	2705.4	2266.9	1890.0	1594.1	1369.2
1.25°	5851.6	5402.3	4882.9	4342.8	3793.9	3267.0	2770.6	2316.4	1927.1	1622.1	1389.5
0°	5893.0	5443.0	4921.0	4377.0	3823.8	3292.0	2792.5	2333.0	1939.5	1631.5	1396.3
-1.25°	5851.6	5402.3	4882.9	4342.8	3793.9	3267.0	2770.6	2316.4	1927.1	1622.1	1389.5
-2.5°	5731.9	5283.2	4770.5	4241.7	3705.4	3192.6	2705.4	2266.9	1890.0	1594.1	1369.2
-3.75°	5528.2	5080.6	4588.9	4078.1	3561.2	3071.5	2606.4	2185.5	1828.9	1548.0	1340.4
-5°	5245.9	4810.4	4346.7	3859.2	3374.4	2911.4	2472.2	2073.6	1744.8	1492.8	1305.9
-6.25°	4886.4	4485.4	4049.0	3594.1	3149.2	2712.5	2307.2	1946.8	1657.5	1430.1	1262.2
-7.5°	4485.4	4114.4	3712.1	3301.4	2893.4	2496.7	2127.7	1811.3	1554.5	1355.2	1212.7
-8.75°	4049.0	3712.1	3353.1	2986.2	2615.5	2261.7	1938.8	1671.7	1455.4	1290.5	1161.8
-10°	3594.1	3301.4	2986.2	2655.7	2330.0	2019.8	1754.6	1530.8	1352.8	1219.8	1102.0
-11.25°	3149.2	2893.4	2615.5	2330.0	2052.3	1804.7	1588.8	1409.4	1268.6	1152.9	1029.9
-12.5°	2712.5	2496.7	2261.7	2019.8	1804.7	1608.3	1438.3	1299.4	1185.8	1074.6	944.1
-13.75°	2307.2	2127.7	1938.8	1754.6	1588.8	1438.3	1309.8	1202.4	1101.9	984.1	846.4
-15°	1946.8	1811.3	1671.7	1530.8	1409.4	1299.4	1202.4	1111.0	1003.8	876.6	735.7
-16.25°	1657.5	1554.5	1455.4	1352.8	1268.6	1185.8	1101.9	1003.8	886.4	756.0	621.0
-17.5°	1430.1	1355.2	1290.5	1219.8	1152.9	1074.6	984.1	876.6	756.0	630.7	503.8
-18.75°	1262.2	1212.7	1161.8	1102.0	1029.9	944.1	846.4	735.7	621.0	503.8	389.7
-20°	1130.9	1085.0	1030.2	963.6	885.1	794.7	695.8	592.3	485.8	382.2	288.7
-21.25°	985.8	934.7	875.4	804.0	723.7	637.6	545.6	450.1	360.0	278.1	211.0



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	815.7	763.7	703.3	636.1	561.5	482.6	401.1	323.3	257.1	203.9	173.1
-23.75°	636.7	588.4	533.4	471.8	406.1	342.1	280.5	225.8	192.1	168.8	157.3
-25°	462.7	419.2	375.3	325.5	278.4	233.5	200.0	175.9	163.5	153.6	145.0
-26.25°	310.2	281.8	251.1	216.3	196.6	176.8	165.5	156.5	149.0	141.1	132.8
-27.5°	207.0	195.5	182.1	170.0	163.3	155.9	149.7	143.1	136.0	128.4	120.7
-28.75°	166.2	161.9	156.9	152.3	147.4	141.9	136.0	129.6	122.9	116.1	109.0
-30°	148.7	145.6	141.9	137.7	133.0	127.8	122.3	116.6	110.4	103.9	97.1
-31.25°	133.6	130.6	127.1	123.2	119.0	114.3	109.2	103.7	97.9	94.5	92.2
-32.5°	118.8	116.2	113.0	109.4	105.4	100.9	96.1	94.2	92.3	90.2	88.0
-33.75°	104.6	102.1	99.1	95.9	94.5	93.1	91.5	89.7	87.9	85.9	85.1
-35°	94.1	93.2	92.2	91.1	89.8	88.4	86.9	85.7	85.0	84.2	83.4
-36.25°	89.2	88.3	87.4	86.3	85.6	85.1	84.5	83.9	83.2	82.4	81.8
-37.5°	85.3	85.0	84.6	84.2	83.7	83.2	82.7	82.0	81.7	81.3	81.0
-38.75°	83.3	83.0	82.7	82.3	81.9	81.7	81.4	81.1	80.8	80.4	80.1
-40°	81.7	81.5	81.4	81.2	81.0	80.7	80.5	80.2	79.9	79.5	79.2
-41.25°	80.7	80.6	80.4	80.2	80.0	79.8	79.5	79.3	79.0	78.6	78.3
-42.5°	79.7	79.6	79.4	79.2	79.0	78.8	78.6	78.3	78.0	77.9	77.7
-43.75°	78.7	78.6	78.4	78.3	78.1	77.9	77.8	77.7	77.6	77.4	77.3
-45°	77.9	77.8	77.7	77.7	77.6	77.5	77.4	77.2	77.1	76.9	76.6
-46.25°	77.4	77.3	77.2	77.2	77.1	77.0	76.8	76.5	76.3	76.0	75.7
-47.5°	76.8	76.6	76.5	76.4	76.2	76.0	75.8	75.6	75.3	75.1	74.9
-48.75°	75.8	75.7	75.5	75.4	75.2	75.1	74.9	74.8	74.7	74.6	74.5
-50°	74.9	74.8	74.8	74.7	74.6	74.5	74.5	74.4	74.2	74.1	74.0
-51.25°	74.4	74.3	74.3	74.2	74.1	74.1	73.9	73.6	73.3	73.0	72.6
-52.5°	73.7	73.5	73.4	73.2	73.0	72.8	72.5	72.2	71.9	71.6	71.2
-53.75°	72.2	72.1	71.9	71.7	71.5	71.3	71.1	70.7	70.2	69.7	69.1
-55°	70.5	70.3	70.1	69.8	69.5	69.1	68.7	68.3	67.8	67.3	66.8
-56.25°	68.0	67.8	67.6	67.3	67.0	66.7	66.3	65.9	65.5	65.0	64.5
-57.5°	65.6	65.4	65.2	64.9	64.6	64.3	63.9	63.5	63.1	62.7	62.2
-58.75°	63.1	62.9	62.7	62.4	62.2	61.9	61.5	61.1	60.7	60.3	59.8
-60°	60.6	60.4	60.2	60.0	59.7	59.4	59.1	58.8	58.4	58.0	57.5
-61.25°	58.1	58.0	57.8	57.5	57.3	57.0	56.7	56.4	56.0	55.5	54.9
-62.5°	55.5	55.3	55.0	54.7	54.4	54.0	53.6	53.2	52.7	52.2	51.6
-63.75°	52.0	51.8	51.6	51.3	51.0	50.6	50.2	49.8	49.4	48.8	48.1
-65°	48.4	48.2	47.9	47.5	47.2	46.7	46.3	45.7	45.2	44.6	43.9
-66.25°	44.0	43.7	43.4	43.1	42.8	42.4	41.9	41.4	40.9	40.3	39.8
-67.5°	39.6	39.4	39.2	39.0	38.7	38.4	38.1	37.7	37.4	36.9	36.5
-68.75°	36.1	36.0	35.8	35.6	35.3	35.0	34.7	34.4	34.0	33.6	33.2
-70°	32.7	32.5	32.3	32.1	31.9	31.6	31.3	31.0	30.7	30.3	29.9
-71.25°	29.2	29.0	28.9	28.7	28.5	28.2	27.9	27.6	27.3	27.0	26.6
-72.5°	25.8	25.8	25.7	25.6	25.4	25.3	25.2	25.0	24.8	24.7	24.5
-73.75°	23.8	23.8	23.7	23.6	23.5	23.4	23.2	23.1	22.9	22.8	22.6
-75°	21.9	21.9	21.9	21.8	21.8	21.7	21.6	21.6	21.5	21.4	21.3
-76.25°	20.9	20.9	20.9	20.8	20.8	20.7	20.7	20.6	20.6	20.5	20.4
-77.5°	19.9	19.9	19.8	19.8	19.7	19.6	19.6	19.5	19.4	19.3	19.2



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	18.4	18.4	18.3	18.3	18.2	18.2	18.1	18.0	18.0	17.9	17.8
-80°	16.9	16.8	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1	15.9
-81.25°	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7	13.6
-82.5°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.4	11.4
-83.75°	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.5
-85°	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6
-86.25°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
-87.5°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
-88.75°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
87.5°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
86.25°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
85°	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7
83.75°	9.4	9.3	9.2	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4
82.5°	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.4	10.3	10.1
81.25°	13.4	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	12.0	11.8
80°	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.8
78.75°	17.7	17.6	17.5	17.3	17.2	17.1	16.9	16.7	16.5	16.2	15.9
77.5°	19.1	19.0	18.8	18.7	18.6	18.4	18.3	18.1	18.0	17.8	17.6
76.25°	20.3	20.2	20.1	20.1	19.9	19.8	19.6	19.4	19.3	19.1	18.9
75°	21.3	21.2	21.1	21.0	20.9	20.7	20.6	20.5	20.4	20.2	20.1
73.75°	22.4	22.2	22.0	21.9	21.8	21.6	21.5	21.4	21.2	21.1	20.9
72.5°	24.3	24.0	23.8	23.6	23.3	23.0	22.8	22.5	22.2	21.9	21.8
71.25°	26.2	25.9	25.6	25.4	25.1	24.8	24.5	24.2	23.9	23.5	23.2
70°	29.5	29.0	28.6	28.1	27.6	27.0	26.4	25.9	25.6	25.2	24.8
68.75°	32.8	32.3	31.8	31.2	30.7	30.1	29.5	28.9	28.2	27.5	26.8
67.5°	36.0	35.5	35.0	34.4	33.8	33.2	32.6	31.9	31.2	30.5	29.7
66.25°	39.3	38.7	38.2	37.6	36.9	36.3	35.6	34.9	34.2	33.4	32.6
65°	43.2	42.5	41.7	40.9	40.1	39.4	38.6	37.9	37.1	36.3	35.5
63.75°	47.4	46.6	45.8	45.0	44.1	43.1	42.2	41.1	40.1	39.2	38.3
62.5°	51.0	50.4	49.7	49.0	48.1	47.1	46.0	45.0	43.9	42.7	41.5
61.25°	54.2	53.6	52.9	52.1	51.4	50.6	49.7	48.8	47.6	46.4	45.2
60°	57.0	56.6	56.0	55.3	54.4	53.6	52.7	51.8	50.8	49.9	48.8
58.75°	59.4	58.8	58.3	57.7	57.1	56.5	55.7	54.7	53.8	52.7	51.6
57.5°	61.6	61.1	60.5	59.9	59.3	58.6	57.9	57.2	56.5	55.6	54.4
56.25°	63.9	63.4	62.8	62.1	61.5	60.8	60.0	59.3	58.5	57.7	56.9
55°	66.2	65.6	65.0	64.3	63.6	62.9	62.2	61.4	60.6	59.7	58.9
53.75°	68.5	67.9	67.2	66.5	65.8	65.1	64.3	63.5	62.6	61.7	60.8
52.5°	70.8	70.1	69.4	68.7	68.0	67.2	66.4	65.5	64.6	63.7	62.8
51.25°	72.2	71.8	71.4	70.9	70.1	69.3	68.4	67.6	66.6	65.7	64.7
50°	73.6	73.2	72.7	72.2	71.8	71.2	70.5	69.6	68.7	67.7	66.7
48.75°	74.3	74.2	74.0	73.5	73.0	72.5	72.0	71.4	70.6	69.6	68.6
47.5°	74.8	74.6	74.4	74.3	74.1	73.8	73.2	72.6	72.0	71.3	70.5
46.25°	75.4	75.1	74.9	74.7	74.5	74.3	74.1	73.8	73.1	72.5	71.8
45°	76.3	76.0	75.6	75.3	74.9	74.7	74.5	74.3	74.1	73.6	72.9
43.75°	77.1	76.9	76.5	76.1	75.7	75.3	74.9	74.7	74.5	74.3	74.0
42.5°	77.5	77.4	77.2	77.0	76.5	76.1	75.7	75.2	74.9	74.6	74.4
41.25°	78.0	77.8	77.6	77.4	77.2	76.9	76.5	76.0	75.5	75.0	74.7
40°	78.8	78.4	78.0	77.8	77.6	77.4	77.1	76.8	76.2	75.7	75.2
38.75°	79.7	79.3	78.9	78.4	78.0	77.8	77.5	77.3	77.0	76.5	75.9
37.5°	80.6	80.1	79.7	79.3	78.8	78.3	77.9	77.6	77.4	77.1	76.6
36.25°	81.4	81.0	80.5	80.1	79.6	79.1	78.5	78.0	77.7	77.4	77.1
35°	82.5	81.8	81.3	80.9	80.3	79.8	79.3	78.7	78.1	77.8	77.5



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	84.2	83.3	82.3	81.6	81.1	80.6	80.0	79.4	78.8	78.2	77.8
32.5°	85.9	84.9	83.9	82.8	81.9	81.3	80.7	80.1	79.5	78.9	78.3
31.25°	89.8	87.3	85.5	84.4	83.3	82.1	81.5	80.8	80.2	79.6	78.9
30°	93.9	91.3	88.6	85.9	84.7	83.5	82.3	81.5	80.9	80.2	79.5
28.75°	101.5	95.2	92.4	89.5	86.5	84.9	83.7	82.4	81.5	80.8	80.1
27.5°	113.0	104.8	96.4	93.1	90.0	86.8	85.0	83.7	82.3	81.5	80.7
26.25°	124.3	115.8	107.1	98.1	93.5	90.2	86.8	84.9	83.5	82.1	81.3
25°	136.1	126.7	117.6	108.2	98.6	93.5	90.0	86.5	84.7	83.3	81.9
23.75°	147.7	138.0	128.0	118.1	108.2	98.1	93.1	89.5	85.9	84.4	82.8
22.5°	159.9	149.0	138.6	128.0	117.6	107.1	96.4	92.4	88.6	85.5	83.9
21.25°	177.7	160.8	149.0	138.0	126.7	115.8	104.8	95.2	91.3	87.3	84.9
20°	213.8	177.7	159.9	147.7	136.1	124.3	113.0	101.5	93.9	89.8	85.9
18.75°	288.7	211.0	173.1	157.3	145.0	132.8	120.7	109.0	97.1	92.2	88.0
17.5°	382.2	278.1	203.9	168.8	153.6	141.1	128.4	116.1	103.9	94.5	90.2
16.25°	485.8	360.0	257.1	192.1	163.5	149.0	136.0	122.9	110.4	97.9	92.3
15°	592.3	450.1	323.3	225.8	175.9	156.5	143.1	129.6	116.6	103.7	94.2
13.75°	695.8	545.6	401.1	280.5	200.0	165.5	149.7	136.0	122.3	109.2	96.1
12.5°	794.7	637.6	482.6	342.1	233.5	176.8	155.9	141.9	127.8	114.3	100.9
11.25°	885.1	723.7	561.5	406.1	278.4	196.6	163.3	147.4	133.0	119.0	105.4
10°	963.6	804.0	636.1	471.8	325.5	216.3	170.0	152.3	137.7	123.2	109.4
8.75°	1030.2	875.4	703.3	533.4	375.3	251.1	182.1	156.9	141.9	127.1	113.0
7.5°	1085.0	934.7	763.7	588.4	419.2	281.8	195.5	161.9	145.6	130.6	116.2
6.25°	1130.9	985.8	815.7	636.7	462.7	310.2	207.0	166.2	148.7	133.6	118.8
5°	1165.4	1024.7	858.9	676.6	499.2	339.7	220.5	169.7	151.3	136.1	121.0
3.75°	1192.6	1053.8	890.6	708.0	527.8	362.8	236.6	173.1	153.4	138.0	122.8
2.5°	1212.2	1074.8	913.3	731.0	548.4	379.4	248.2	178.2	154.8	139.4	124.0
1.25°	1224.0	1087.5	926.9	744.9	560.9	389.4	255.2	181.2	155.7	140.2	124.8
0°	1228.0	1091.8	931.5	749.5	565.0	392.8	257.5	182.3	156.0	140.5	125.0
-1.25°	1224.0	1087.5	926.9	744.9	560.9	389.4	255.2	181.2	155.7	140.2	124.8
-2.5°	1212.2	1074.8	913.3	731.0	548.4	379.4	248.2	178.2	154.8	139.4	124.0
-3.75°	1192.6	1053.8	890.6	708.0	527.8	362.8	236.6	173.1	153.4	138.0	122.8
-5°	1165.4	1024.7	858.9	676.6	499.2	339.7	220.5	169.7	151.3	136.1	121.0
-6.25°	1130.9	985.8	815.7	636.7	462.7	310.2	207.0	166.2	148.7	133.6	118.8
-7.5°	1085.0	934.7	763.7	588.4	419.2	281.8	195.5	161.9	145.6	130.6	116.2
-8.75°	1030.2	875.4	703.3	533.4	375.3	251.1	182.1	156.9	141.9	127.1	113.0
-10°	963.6	804.0	636.1	471.8	325.5	216.3	170.0	152.3	137.7	123.2	109.4
-11.25°	885.1	723.7	561.5	406.1	278.4	196.6	163.3	147.4	133.0	119.0	105.4
-12.5°	794.7	637.6	482.6	342.1	233.5	176.8	155.9	141.9	127.8	114.3	100.9
-13.75°	695.8	545.6	401.1	280.5	200.0	165.5	149.7	136.0	122.3	109.2	96.1
-15°	592.3	450.1	323.3	225.8	175.9	156.5	143.1	129.6	116.6	103.7	94.2
-16.25°	485.8	360.0	257.1	192.1	163.5	149.0	136.0	122.9	110.4	97.9	92.3
-17.5°	382.2	278.1	203.9	168.8	153.6	141.1	128.4	116.1	103.9	94.5	90.2
-18.75°	288.7	211.0	173.1	157.3	145.0	132.8	120.7	109.0	97.1	92.2	88.0
-20°	213.8	177.7	159.9	147.7	136.1	124.3	113.0	101.5	93.9	89.8	85.9
-21.25°	177.7	160.8	149.0	138.0	126.7	115.8	104.8	95.2	91.3	87.3	84.9



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	159.9	149.0	138.6	128.0	117.6	107.1	96.4	92.4	88.6	85.5	83.9
-23.75°	147.7	138.0	128.0	118.1	108.2	98.1	93.1	89.5	85.9	84.4	82.8
-25°	136.1	126.7	117.6	108.2	98.6	93.5	90.0	86.5	84.7	83.3	81.9
-26.25°	124.3	115.8	107.1	98.1	93.5	90.2	86.8	84.9	83.5	82.1	81.3
-27.5°	113.0	104.8	96.4	93.1	90.0	86.8	85.0	83.7	82.3	81.5	80.7
-28.75°	101.5	95.2	92.4	89.5	86.5	84.9	83.7	82.4	81.5	80.8	80.1
-30°	93.9	91.3	88.6	85.9	84.7	83.5	82.3	81.5	80.9	80.2	79.5
-31.25°	89.8	87.3	85.5	84.4	83.3	82.1	81.5	80.8	80.2	79.6	78.9
-32.5°	85.9	84.9	83.9	82.8	81.9	81.3	80.7	80.1	79.5	78.9	78.3
-33.75°	84.2	83.3	82.3	81.6	81.1	80.6	80.0	79.4	78.8	78.2	77.8
-35°	82.5	81.8	81.3	80.9	80.3	79.8	79.3	78.7	78.1	77.8	77.5
-36.25°	81.4	81.0	80.5	80.1	79.6	79.1	78.5	78.0	77.7	77.4	77.1
-37.5°	80.6	80.1	79.7	79.3	78.8	78.3	77.9	77.6	77.4	77.1	76.6
-38.75°	79.7	79.3	78.9	78.4	78.0	77.8	77.5	77.3	77.0	76.5	75.9
-40°	78.8	78.4	78.0	77.8	77.6	77.4	77.1	76.8	76.2	75.7	75.2
-41.25°	78.0	77.8	77.6	77.4	77.2	76.9	76.5	76.0	75.5	75.0	74.7
-42.5°	77.5	77.4	77.2	77.0	76.5	76.1	75.7	75.2	74.9	74.6	74.4
-43.75°	77.1	76.9	76.5	76.1	75.7	75.3	74.9	74.7	74.5	74.3	74.0
-45°	76.3	76.0	75.6	75.3	74.9	74.7	74.5	74.3	74.1	73.6	72.9
-46.25°	75.4	75.1	74.9	74.7	74.5	74.3	74.1	73.8	73.1	72.5	71.8
-47.5°	74.8	74.6	74.4	74.3	74.1	73.8	73.2	72.6	72.0	71.3	70.5
-48.75°	74.3	74.2	74.0	73.5	73.0	72.5	72.0	71.4	70.6	69.6	68.6
-50°	73.6	73.2	72.7	72.2	71.8	71.2	70.5	69.6	68.7	67.7	66.7
-51.25°	72.2	71.8	71.4	70.9	70.1	69.3	68.4	67.6	66.6	65.7	64.7
-52.5°	70.8	70.1	69.4	68.7	68.0	67.2	66.4	65.5	64.6	63.7	62.8
-53.75°	68.5	67.9	67.2	66.5	65.8	65.1	64.3	63.5	62.6	61.7	60.8
-55°	66.2	65.6	65.0	64.3	63.6	62.9	62.2	61.4	60.6	59.7	58.9
-56.25°	63.9	63.4	62.8	62.1	61.5	60.8	60.0	59.3	58.5	57.7	56.9
-57.5°	61.6	61.1	60.5	59.9	59.3	58.6	57.9	57.2	56.5	55.6	54.4
-58.75°	59.4	58.8	58.3	57.7	57.1	56.5	55.7	54.7	53.8	52.7	51.6
-60°	57.0	56.6	56.0	55.3	54.4	53.6	52.7	51.8	50.8	49.9	48.8
-61.25°	54.2	53.6	52.9	52.1	51.4	50.6	49.7	48.8	47.6	46.4	45.2
-62.5°	51.0	50.4	49.7	49.0	48.1	47.1	46.0	45.0	43.9	42.7	41.5
-63.75°	47.4	46.6	45.8	45.0	44.1	43.1	42.2	41.1	40.1	39.2	38.3
-65°	43.2	42.5	41.7	40.9	40.1	39.4	38.6	37.9	37.1	36.3	35.5
-66.25°	39.3	38.7	38.2	37.6	36.9	36.3	35.6	34.9	34.2	33.4	32.6
-67.5°	36.0	35.5	35.0	34.4	33.8	33.2	32.6	31.9	31.2	30.5	29.7
-68.75°	32.8	32.3	31.8	31.2	30.7	30.1	29.5	28.9	28.2	27.5	26.8
-70°	29.5	29.0	28.6	28.1	27.6	27.0	26.4	25.9	25.6	25.2	24.8
-71.25°	26.2	25.9	25.6	25.4	25.1	24.8	24.5	24.2	23.9	23.5	23.2
-72.5°	24.3	24.0	23.8	23.6	23.3	23.0	22.8	22.5	22.2	21.9	21.8
-73.75°	22.4	22.2	22.0	21.9	21.8	21.6	21.5	21.4	21.2	21.1	20.9
-75°	21.3	21.2	21.1	21.0	20.9	20.7	20.6	20.5	20.4	20.2	20.1
-76.25°	20.3	20.2	20.1	20.1	19.9	19.8	19.6	19.4	19.3	19.1	18.9
-77.5°	19.1	19.0	18.8	18.7	18.6	18.4	18.3	18.1	18.0	17.8	17.6



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	17.7	17.6	17.5	17.3	17.2	17.1	16.9	16.7	16.5	16.2	15.9
-80°	15.8	15.6	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.8
-81.25°	13.4	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	12.0	11.8
-82.5°	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.4	10.3	10.1
-83.75°	9.4	9.3	9.2	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4
-85°	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7
-86.25°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
-87.5°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-88.75°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
87.5°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
86.25°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
85°	6.6	6.6	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.5
83.75°	8.3	8.2	8.1	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9
82.5°	10.0	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.7	8.5	8.3
81.25°	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7
80°	13.6	13.4	13.1	12.8	12.6	12.3	12.0	11.8	11.5	11.3	11.0
78.75°	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.5	13.2	12.9	12.5
77.5°	17.4	17.3	17.1	16.8	16.4	16.1	15.7	15.4	15.0	14.6	14.2
76.25°	18.7	18.5	18.3	18.0	17.8	17.6	17.4	17.1	16.8	16.4	15.9
75°	19.9	19.7	19.5	19.2	19.0	18.7	18.5	18.2	17.9	17.7	17.4
73.75°	20.8	20.6	20.4	20.3	20.1	19.9	19.6	19.3	19.0	18.7	18.4
72.5°	21.6	21.4	21.2	21.0	20.9	20.7	20.5	20.2	20.0	19.7	19.4
71.25°	22.8	22.4	22.0	21.8	21.6	21.4	21.2	21.0	20.7	20.5	20.3
70°	24.4	24.0	23.6	23.2	22.8	22.3	21.9	21.7	21.4	21.2	20.9
68.75°	26.1	25.6	25.2	24.7	24.3	23.8	23.3	22.8	22.3	21.9	21.6
67.5°	28.9	28.2	27.3	26.5	25.8	25.3	24.8	24.2	23.7	23.1	22.6
66.25°	31.8	30.9	30.1	29.2	28.3	27.3	26.4	25.6	25.1	24.5	23.9
65°	34.6	33.7	32.8	31.9	30.9	29.9	28.9	27.8	26.8	25.8	25.2
63.75°	37.4	36.5	35.5	34.5	33.5	32.5	31.4	30.3	29.2	28.0	26.9
62.5°	40.3	39.2	38.2	37.2	36.1	35.0	33.9	32.7	31.6	30.4	29.1
61.25°	43.9	42.5	41.2	39.8	38.7	37.5	36.4	35.2	33.9	32.7	31.4
60°	47.4	46.0	44.6	43.1	41.6	40.1	38.8	37.6	36.3	35.0	33.6
58.75°	50.5	49.4	48.0	46.5	44.9	43.3	41.6	40.0	38.6	37.3	35.9
57.5°	53.3	52.1	50.9	49.6	48.2	46.5	44.8	43.0	41.2	39.5	38.1
56.25°	56.0	54.8	53.5	52.2	50.9	49.5	47.9	46.0	44.2	42.3	40.3
55°	58.0	57.0	56.1	54.8	53.4	52.0	50.5	49.0	47.1	45.1	43.1
53.75°	59.9	58.9	58.0	57.0	55.9	54.4	52.9	51.4	49.8	48.0	45.9
52.5°	61.8	60.8	59.8	58.8	57.7	56.6	55.3	53.7	52.0	50.4	48.6
51.25°	63.7	62.7	61.6	60.5	59.4	58.3	57.1	56.0	54.3	52.6	50.8
50°	65.6	64.5	63.4	62.3	61.2	60.0	58.8	57.6	56.3	54.7	52.9
48.75°	67.5	66.4	65.2	64.1	62.9	61.7	60.4	59.2	57.9	56.6	55.0
47.5°	69.4	68.2	67.0	65.8	64.6	63.3	62.1	60.7	59.4	58.1	56.7
46.25°	71.1	70.0	68.8	67.5	66.3	65.0	63.7	62.3	60.9	59.5	58.1
45°	72.2	71.5	70.5	69.2	67.9	66.6	65.2	63.8	62.4	61.0	59.5
43.75°	73.3	72.5	71.8	70.9	69.6	68.2	66.8	65.4	63.9	62.4	60.9
42.5°	74.1	73.6	72.8	72.0	71.1	69.8	68.3	66.9	65.4	63.8	62.3
41.25°	74.5	74.2	73.8	72.9	72.1	71.2	69.8	68.3	66.8	65.2	63.7
40°	74.8	74.5	74.3	73.9	73.0	72.1	71.2	69.8	68.2	66.6	65.0
38.75°	75.3	74.9	74.6	74.3	74.0	73.0	72.1	71.1	69.6	67.9	66.3
37.5°	76.0	75.4	74.9	74.6	74.3	73.9	72.9	72.0	70.9	69.2	67.5
36.25°	76.7	76.1	75.5	74.9	74.6	74.3	73.8	72.8	71.8	70.5	68.8
35°	77.2	76.7	76.1	75.4	74.9	74.5	74.2	73.6	72.5	71.5	70.0



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	77.5	77.2	76.7	76.0	75.3	74.8	74.5	74.1	73.3	72.2	71.1
32.5°	77.8	77.5	77.1	76.6	75.9	75.2	74.7	74.4	74.0	72.9	71.8
31.25°	78.2	77.8	77.4	77.1	76.5	75.7	75.0	74.6	74.3	73.6	72.5
30°	78.8	78.1	77.7	77.4	77.0	76.2	75.5	74.9	74.5	74.1	73.1
28.75°	79.4	78.7	78.0	77.6	77.3	76.8	76.0	75.2	74.7	74.3	73.8
27.5°	80.0	79.3	78.5	77.9	77.5	77.1	76.5	75.7	74.9	74.5	74.1
26.25°	80.6	79.8	79.1	78.3	77.8	77.4	76.9	76.1	75.3	74.7	74.3
25°	81.1	80.3	79.6	78.8	78.0	77.6	77.2	76.5	75.7	74.9	74.5
23.75°	81.6	80.9	80.1	79.3	78.4	77.8	77.4	77.0	76.1	75.3	74.7
22.5°	82.3	81.3	80.5	79.7	78.9	78.0	77.6	77.2	76.5	75.6	74.9
21.25°	83.3	81.8	81.0	80.1	79.3	78.4	77.8	77.4	76.9	76.0	75.1
20°	84.2	82.5	81.4	80.6	79.7	78.8	78.0	77.5	77.1	76.3	75.4
18.75°	85.1	83.4	81.8	81.0	80.1	79.2	78.3	77.7	77.3	76.6	75.7
17.5°	85.9	84.2	82.4	81.3	80.4	79.5	78.6	77.9	77.4	76.9	76.0
16.25°	87.9	85.0	83.2	81.7	80.8	79.9	79.0	78.0	77.6	77.1	76.3
15°	89.7	85.7	83.9	82.0	81.1	80.2	79.3	78.3	77.7	77.2	76.5
13.75°	91.5	86.9	84.5	82.7	81.4	80.5	79.5	78.6	77.8	77.4	76.8
12.5°	93.1	88.4	85.1	83.2	81.7	80.7	79.8	78.8	77.9	77.5	77.0
11.25°	94.5	89.8	85.6	83.7	81.9	81.0	80.0	79.0	78.1	77.6	77.1
10°	95.9	91.1	86.3	84.2	82.3	81.2	80.2	79.2	78.3	77.7	77.2
8.75°	99.1	92.2	87.4	84.6	82.7	81.4	80.4	79.4	78.4	77.7	77.2
7.5°	102.1	93.2	88.3	85.0	83.0	81.5	80.6	79.6	78.6	77.8	77.3
6.25°	104.6	94.1	89.2	85.3	83.3	81.7	80.7	79.7	78.7	77.9	77.4
5°	106.7	94.8	89.8	85.5	83.6	81.8	80.8	79.8	78.8	77.9	77.4
3.75°	108.4	95.3	90.3	85.7	83.8	81.9	80.9	79.9	78.9	78.0	77.5
2.5°	109.6	95.7	90.7	85.9	83.9	81.9	81.0	80.0	79.0	78.0	77.5
1.25°	110.3	95.9	90.9	86.0	84.0	82.0	81.0	80.0	79.0	78.0	77.5
0°	110.5	96.0	91.0	86.0	84.0	82.0	81.0	80.0	79.0	78.0	77.5
-1.25°	110.3	95.9	90.9	86.0	84.0	82.0	81.0	80.0	79.0	78.0	77.5
-2.5°	109.6	95.7	90.7	85.9	83.9	81.9	81.0	80.0	79.0	78.0	77.5
-3.75°	108.4	95.3	90.3	85.7	83.8	81.9	80.9	79.9	78.9	78.0	77.5
-5°	106.7	94.8	89.8	85.5	83.6	81.8	80.8	79.8	78.8	77.9	77.4
-6.25°	104.6	94.1	89.2	85.3	83.3	81.7	80.7	79.7	78.7	77.9	77.4
-7.5°	102.1	93.2	88.3	85.0	83.0	81.5	80.6	79.6	78.6	77.8	77.3
-8.75°	99.1	92.2	87.4	84.6	82.7	81.4	80.4	79.4	78.4	77.7	77.2
-10°	95.9	91.1	86.3	84.2	82.3	81.2	80.2	79.2	78.3	77.7	77.2
-11.25°	94.5	89.8	85.6	83.7	81.9	81.0	80.0	79.0	78.1	77.6	77.1
-12.5°	93.1	88.4	85.1	83.2	81.7	80.7	79.8	78.8	77.9	77.5	77.0
-13.75°	91.5	86.9	84.5	82.7	81.4	80.5	79.5	78.6	77.8	77.4	76.8
-15°	89.7	85.7	83.9	82.0	81.1	80.2	79.3	78.3	77.7	77.2	76.5
-16.25°	87.9	85.0	83.2	81.7	80.8	79.9	79.0	78.0	77.6	77.1	76.3
-17.5°	85.9	84.2	82.4	81.3	80.4	79.5	78.6	77.9	77.4	76.9	76.0
-18.75°	85.1	83.4	81.8	81.0	80.1	79.2	78.3	77.7	77.3	76.6	75.7
-20°	84.2	82.5	81.4	80.6	79.7	78.8	78.0	77.5	77.1	76.3	75.4
-21.25°	83.3	81.8	81.0	80.1	79.3	78.4	77.8	77.4	76.9	76.0	75.1



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	82.3	81.3	80.5	79.7	78.9	78.0	77.6	77.2	76.5	75.6	74.9
-23.75°	81.6	80.9	80.1	79.3	78.4	77.8	77.4	77.0	76.1	75.3	74.7
-25°	81.1	80.3	79.6	78.8	78.0	77.6	77.2	76.5	75.7	74.9	74.5
-26.25°	80.6	79.8	79.1	78.3	77.8	77.4	76.9	76.1	75.3	74.7	74.3
-27.5°	80.0	79.3	78.5	77.9	77.5	77.1	76.5	75.7	74.9	74.5	74.1
-28.75°	79.4	78.7	78.0	77.6	77.3	76.8	76.0	75.2	74.7	74.3	73.8
-30°	78.8	78.1	77.7	77.4	77.0	76.2	75.5	74.9	74.5	74.1	73.1
-31.25°	78.2	77.8	77.4	77.1	76.5	75.7	75.0	74.6	74.3	73.6	72.5
-32.5°	77.8	77.5	77.1	76.6	75.9	75.2	74.7	74.4	74.0	72.9	71.8
-33.75°	77.5	77.2	76.7	76.0	75.3	74.8	74.5	74.1	73.3	72.2	71.1
-35°	77.2	76.7	76.1	75.4	74.9	74.5	74.2	73.6	72.5	71.5	70.0
-36.25°	76.7	76.1	75.5	74.9	74.6	74.3	73.8	72.8	71.8	70.5	68.8
-37.5°	76.0	75.4	74.9	74.6	74.3	73.9	72.9	72.0	70.9	69.2	67.5
-38.75°	75.3	74.9	74.6	74.3	74.0	73.0	72.1	71.1	69.6	67.9	66.3
-40°	74.8	74.5	74.3	73.9	73.0	72.1	71.2	69.8	68.2	66.6	65.0
-41.25°	74.5	74.2	73.8	72.9	72.1	71.2	69.8	68.3	66.8	65.2	63.7
-42.5°	74.1	73.6	72.8	72.0	71.1	69.8	68.3	66.9	65.4	63.8	62.3
-43.75°	73.3	72.5	71.8	70.9	69.6	68.2	66.8	65.4	63.9	62.4	60.9
-45°	72.2	71.5	70.5	69.2	67.9	66.6	65.2	63.8	62.4	61.0	59.5
-46.25°	71.1	70.0	68.8	67.5	66.3	65.0	63.7	62.3	60.9	59.5	58.1
-47.5°	69.4	68.2	67.0	65.8	64.6	63.3	62.1	60.7	59.4	58.1	56.7
-48.75°	67.5	66.4	65.2	64.1	62.9	61.7	60.4	59.2	57.9	56.6	55.0
-50°	65.6	64.5	63.4	62.3	61.2	60.0	58.8	57.6	56.3	54.7	52.9
-51.25°	63.7	62.7	61.6	60.5	59.4	58.3	57.1	56.0	54.3	52.6	50.8
-52.5°	61.8	60.8	59.8	58.8	57.7	56.6	55.3	53.7	52.0	50.4	48.6
-53.75°	59.9	58.9	58.0	57.0	55.9	54.4	52.9	51.4	49.8	48.0	45.9
-55°	58.0	57.0	56.1	54.8	53.4	52.0	50.5	49.0	47.1	45.1	43.1
-56.25°	56.0	54.8	53.5	52.2	50.9	49.5	47.9	46.0	44.2	42.3	40.3
-57.5°	53.3	52.1	50.9	49.6	48.2	46.5	44.8	43.0	41.2	39.5	38.1
-58.75°	50.5	49.4	48.0	46.5	44.9	43.3	41.6	40.0	38.6	37.3	35.9
-60°	47.4	46.0	44.6	43.1	41.6	40.1	38.8	37.6	36.3	35.0	33.6
-61.25°	43.9	42.5	41.2	39.8	38.7	37.5	36.4	35.2	33.9	32.7	31.4
-62.5°	40.3	39.2	38.2	37.2	36.1	35.0	33.9	32.7	31.6	30.4	29.1
-63.75°	37.4	36.5	35.5	34.5	33.5	32.5	31.4	30.3	29.2	28.0	26.9
-65°	34.6	33.7	32.8	31.9	30.9	29.9	28.9	27.8	26.8	25.8	25.2
-66.25°	31.8	30.9	30.1	29.2	28.3	27.3	26.4	25.6	25.1	24.5	23.9
-67.5°	28.9	28.2	27.3	26.5	25.8	25.3	24.8	24.2	23.7	23.1	22.6
-68.75°	26.1	25.6	25.2	24.7	24.3	23.8	23.3	22.8	22.3	21.9	21.6
-70°	24.4	24.0	23.6	23.2	22.8	22.3	21.9	21.7	21.4	21.2	20.9
-71.25°	22.8	22.4	22.0	21.8	21.6	21.4	21.2	21.0	20.7	20.5	20.3
-72.5°	21.6	21.4	21.2	21.0	20.9	20.7	20.5	20.2	20.0	19.7	19.4
-73.75°	20.8	20.6	20.4	20.3	20.1	19.9	19.6	19.3	19.0	18.7	18.4
-75°	19.9	19.7	19.5	19.2	19.0	18.7	18.5	18.2	17.9	17.7	17.4
-76.25°	18.7	18.5	18.3	18.0	17.8	17.6	17.4	17.1	16.8	16.4	15.9
-77.5°	17.4	17.3	17.1	16.8	16.4	16.1	15.7	15.4	15.0	14.6	14.2



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.5	13.2	12.9	12.5
-80°	13.6	13.4	13.1	12.8	12.6	12.3	12.0	11.8	11.5	11.3	11.0
-81.25°	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7
-82.5°	10.0	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.7	8.5	8.3
-83.75°	8.3	8.2	8.1	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9
-85°	6.6	6.6	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.5
-86.25°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-87.5°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
-88.75°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-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: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
87.5°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
86.25°	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0
85°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
83.75°	6.7	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.0
82.5°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
81.25°	9.4	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.2	7.0
80°	10.8	10.5	10.3	10.0	9.7	9.4	9.1	8.9	8.6	8.3	8.0
78.75°	12.1	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0
77.5°	13.8	13.4	13.0	12.6	12.1	11.8	11.4	11.1	10.7	10.3	9.9
76.25°	15.5	15.0	14.6	14.1	13.6	13.2	12.7	12.2	11.7	11.3	10.9
75°	17.1	16.7	16.2	15.6	15.1	14.6	14.1	13.5	13.0	12.4	11.9
73.75°	18.1	17.8	17.4	17.1	16.6	16.0	15.5	14.9	14.3	13.7	13.1
72.5°	19.1	18.7	18.4	18.0	17.7	17.3	16.9	16.2	15.6	14.9	14.3
71.25°	20.0	19.7	19.3	18.9	18.5	18.1	17.7	17.3	16.9	16.2	15.5
70°	20.7	20.4	20.2	19.8	19.4	19.0	18.6	18.1	17.7	17.3	16.7
68.75°	21.3	21.1	20.8	20.5	20.2	19.9	19.4	18.9	18.5	18.0	17.5
67.5°	22.0	21.7	21.4	21.1	20.8	20.5	20.1	19.7	19.2	18.7	18.2
66.25°	23.3	22.6	22.0	21.7	21.4	21.0	20.7	20.3	20.0	19.5	18.9
65°	24.5	23.9	23.2	22.5	21.9	21.6	21.2	20.9	20.5	20.1	19.6
63.75°	25.8	25.1	24.4	23.7	23.0	22.3	21.8	21.4	21.0	20.6	20.2
62.5°	27.9	26.6	25.6	24.9	24.1	23.4	22.6	21.9	21.5	21.1	20.7
61.25°	30.1	28.8	27.4	26.1	25.2	24.4	23.6	22.8	22.0	21.6	21.1
60°	32.3	30.9	29.5	28.1	26.6	25.5	24.7	23.8	22.9	22.1	21.6
58.75°	34.4	33.0	31.5	30.1	28.5	27.0	25.7	24.8	23.9	23.0	22.1
57.5°	36.6	35.1	33.6	32.0	30.5	28.9	27.3	25.8	24.8	23.9	22.9
56.25°	38.7	37.2	35.6	34.0	32.3	30.7	29.0	27.3	25.8	24.8	23.8
55°	41.1	39.2	37.6	35.9	34.2	32.5	30.8	29.0	27.3	25.7	24.7
53.75°	43.8	41.6	39.5	37.8	36.1	34.3	32.5	30.7	28.9	27.0	25.5
52.5°	46.4	44.2	41.9	39.7	37.9	36.1	34.2	32.3	30.5	28.5	26.6
51.25°	49.0	46.7	44.4	42.0	39.7	37.8	35.9	34.0	32.0	30.1	28.1
50°	51.1	49.2	46.9	44.4	41.9	39.5	37.6	35.6	33.6	31.5	29.5
48.75°	53.1	51.2	49.2	46.7	44.2	41.6	39.2	37.2	35.1	33.0	30.9
47.5°	55.0	53.1	51.1	49.0	46.4	43.8	41.1	38.7	36.6	34.4	32.3
46.25°	56.7	55.0	52.9	50.8	48.6	45.9	43.1	40.3	38.1	35.9	33.6
45°	58.1	56.6	54.7	52.6	50.4	48.0	45.1	42.3	39.5	37.3	35.0
43.75°	59.4	57.9	56.3	54.3	52.0	49.8	47.1	44.2	41.2	38.6	36.3
42.5°	60.7	59.2	57.6	56.0	53.7	51.4	49.0	46.0	43.0	40.0	37.6
41.25°	62.1	60.4	58.8	57.1	55.3	52.9	50.5	47.9	44.8	41.6	38.8
40°	63.3	61.7	60.0	58.3	56.6	54.4	52.0	49.5	46.5	43.3	40.1
38.75°	64.6	62.9	61.2	59.4	57.7	55.9	53.4	50.9	48.2	44.9	41.6
37.5°	65.8	64.1	62.3	60.5	58.8	57.0	54.8	52.2	49.6	46.5	43.1
36.25°	67.0	65.2	63.4	61.6	59.8	58.0	56.1	53.5	50.9	48.0	44.6
35°	68.2	66.4	64.5	62.7	60.8	58.9	57.0	54.8	52.1	49.4	46.0



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	69.4	67.5	65.6	63.7	61.8	59.9	58.0	56.0	53.3	50.5	47.4
32.5°	70.5	68.6	66.7	64.7	62.8	60.8	58.9	56.9	54.4	51.6	48.8
31.25°	71.3	69.6	67.7	65.7	63.7	61.7	59.7	57.7	55.6	52.7	49.9
30°	72.0	70.6	68.7	66.6	64.6	62.6	60.6	58.5	56.5	53.8	50.8
28.75°	72.6	71.4	69.6	67.6	65.5	63.5	61.4	59.3	57.2	54.7	51.8
27.5°	73.2	72.0	70.5	68.4	66.4	64.3	62.2	60.0	57.9	55.7	52.7
26.25°	73.8	72.5	71.2	69.3	67.2	65.1	62.9	60.8	58.6	56.5	53.6
25°	74.1	73.0	71.8	70.1	68.0	65.8	63.6	61.5	59.3	57.1	54.4
23.75°	74.3	73.5	72.2	70.9	68.7	66.5	64.3	62.1	59.9	57.7	55.3
22.5°	74.4	74.0	72.7	71.4	69.4	67.2	65.0	62.8	60.5	58.3	56.0
21.25°	74.6	74.2	73.2	71.8	70.1	67.9	65.6	63.4	61.1	58.8	56.6
20°	74.8	74.3	73.6	72.2	70.8	68.5	66.2	63.9	61.6	59.4	57.0
18.75°	74.9	74.5	74.0	72.6	71.2	69.1	66.8	64.5	62.2	59.8	57.5
17.5°	75.1	74.6	74.1	73.0	71.6	69.7	67.3	65.0	62.7	60.3	58.0
16.25°	75.3	74.7	74.2	73.3	71.9	70.2	67.8	65.5	63.1	60.7	58.4
15°	75.6	74.8	74.4	73.6	72.2	70.7	68.3	65.9	63.5	61.1	58.8
13.75°	75.8	74.9	74.5	73.9	72.5	71.1	68.7	66.3	63.9	61.5	59.1
12.5°	76.0	75.1	74.5	74.1	72.8	71.3	69.1	66.7	64.3	61.9	59.4
11.25°	76.2	75.2	74.6	74.1	73.0	71.5	69.5	67.0	64.6	62.2	59.7
10°	76.4	75.4	74.7	74.2	73.2	71.7	69.8	67.3	64.9	62.4	60.0
8.75°	76.5	75.5	74.8	74.3	73.4	71.9	70.1	67.6	65.2	62.7	60.2
7.5°	76.6	75.7	74.8	74.3	73.5	72.1	70.3	67.8	65.4	62.9	60.4
6.25°	76.8	75.8	74.9	74.4	73.7	72.2	70.5	68.0	65.6	63.1	60.6
5°	76.8	75.8	74.9	74.4	73.8	72.3	70.7	68.2	65.7	63.2	60.7
3.75°	76.9	75.9	75.0	74.5	73.9	72.4	70.8	68.3	65.8	63.4	60.9
2.5°	77.0	76.0	75.0	74.5	73.9	72.5	70.9	68.4	65.9	63.4	60.9
1.25°	77.0	76.0	75.0	74.5	74.0	72.5	71.0	68.5	66.0	63.5	61.0
0°	77.0	76.0	75.0	74.5	74.0	72.5	71.0	68.5	66.0	63.5	61.0
-1.25°	77.0	76.0	75.0	74.5	74.0	72.5	71.0	68.5	66.0	63.5	61.0
-2.5°	77.0	76.0	75.0	74.5	73.9	72.5	70.9	68.4	65.9	63.4	60.9
-3.75°	76.9	75.9	75.0	74.5	73.9	72.4	70.8	68.3	65.8	63.4	60.9
-5°	76.8	75.8	74.9	74.4	73.8	72.3	70.7	68.2	65.7	63.2	60.7
-6.25°	76.8	75.8	74.9	74.4	73.7	72.2	70.5	68.0	65.6	63.1	60.6
-7.5°	76.6	75.7	74.8	74.3	73.5	72.1	70.3	67.8	65.4	62.9	60.4
-8.75°	76.5	75.5	74.8	74.3	73.4	71.9	70.1	67.6	65.2	62.7	60.2
-10°	76.4	75.4	74.7	74.2	73.2	71.7	69.8	67.3	64.9	62.4	60.0
-11.25°	76.2	75.2	74.6	74.1	73.0	71.5	69.5	67.0	64.6	62.2	59.7
-12.5°	76.0	75.1	74.5	74.1	72.8	71.3	69.1	66.7	64.3	61.9	59.4
-13.75°	75.8	74.9	74.5	73.9	72.5	71.1	68.7	66.3	63.9	61.5	59.1
-15°	75.6	74.8	74.4	73.6	72.2	70.7	68.3	65.9	63.5	61.1	58.8
-16.25°	75.3	74.7	74.2	73.3	71.9	70.2	67.8	65.5	63.1	60.7	58.4
-17.5°	75.1	74.6	74.1	73.0	71.6	69.7	67.3	65.0	62.7	60.3	58.0
-18.75°	74.9	74.5	74.0	72.6	71.2	69.1	66.8	64.5	62.2	59.8	57.5
-20°	74.8	74.3	73.6	72.2	70.8	68.5	66.2	63.9	61.6	59.4	57.0
-21.25°	74.6	74.2	73.2	71.8	70.1	67.9	65.6	63.4	61.1	58.8	56.6



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	74.4	74.0	72.7	71.4	69.4	67.2	65.0	62.8	60.5	58.3	56.0
-23.75°	74.3	73.5	72.2	70.9	68.7	66.5	64.3	62.1	59.9	57.7	55.3
-25°	74.1	73.0	71.8	70.1	68.0	65.8	63.6	61.5	59.3	57.1	54.4
-26.25°	73.8	72.5	71.2	69.3	67.2	65.1	62.9	60.8	58.6	56.5	53.6
-27.5°	73.2	72.0	70.5	68.4	66.4	64.3	62.2	60.0	57.9	55.7	52.7
-28.75°	72.6	71.4	69.6	67.6	65.5	63.5	61.4	59.3	57.2	54.7	51.8
-30°	72.0	70.6	68.7	66.6	64.6	62.6	60.6	58.5	56.5	53.8	50.8
-31.25°	71.3	69.6	67.7	65.7	63.7	61.7	59.7	57.7	55.6	52.7	49.9
-32.5°	70.5	68.6	66.7	64.7	62.8	60.8	58.9	56.9	54.4	51.6	48.8
-33.75°	69.4	67.5	65.6	63.7	61.8	59.9	58.0	56.0	53.3	50.5	47.4
-35°	68.2	66.4	64.5	62.7	60.8	58.9	57.0	54.8	52.1	49.4	46.0
-36.25°	67.0	65.2	63.4	61.6	59.8	58.0	56.1	53.5	50.9	48.0	44.6
-37.5°	65.8	64.1	62.3	60.5	58.8	57.0	54.8	52.2	49.6	46.5	43.1
-38.75°	64.6	62.9	61.2	59.4	57.7	55.9	53.4	50.9	48.2	44.9	41.6
-40°	63.3	61.7	60.0	58.3	56.6	54.4	52.0	49.5	46.5	43.3	40.1
-41.25°	62.1	60.4	58.8	57.1	55.3	52.9	50.5	47.9	44.8	41.6	38.8
-42.5°	60.7	59.2	57.6	56.0	53.7	51.4	49.0	46.0	43.0	40.0	37.6
-43.75°	59.4	57.9	56.3	54.3	52.0	49.8	47.1	44.2	41.2	38.6	36.3
-45°	58.1	56.6	54.7	52.6	50.4	48.0	45.1	42.3	39.5	37.3	35.0
-46.25°	56.7	55.0	52.9	50.8	48.6	45.9	43.1	40.3	38.1	35.9	33.6
-47.5°	55.0	53.1	51.1	49.0	46.4	43.8	41.1	38.7	36.6	34.4	32.3
-48.75°	53.1	51.2	49.2	46.7	44.2	41.6	39.2	37.2	35.1	33.0	30.9
-50°	51.1	49.2	46.9	44.4	41.9	39.5	37.6	35.6	33.6	31.5	29.5
-51.25°	49.0	46.7	44.4	42.0	39.7	37.8	35.9	34.0	32.0	30.1	28.1
-52.5°	46.4	44.2	41.9	39.7	37.9	36.1	34.2	32.3	30.5	28.5	26.6
-53.75°	43.8	41.6	39.5	37.8	36.1	34.3	32.5	30.7	28.9	27.0	25.5
-55°	41.1	39.2	37.6	35.9	34.2	32.5	30.8	29.0	27.3	25.7	24.7
-56.25°	38.7	37.2	35.6	34.0	32.3	30.7	29.0	27.3	25.8	24.8	23.8
-57.5°	36.6	35.1	33.6	32.0	30.5	28.9	27.3	25.8	24.8	23.9	22.9
-58.75°	34.4	33.0	31.5	30.1	28.5	27.0	25.7	24.8	23.9	23.0	22.1
-60°	32.3	30.9	29.5	28.1	26.6	25.5	24.7	23.8	22.9	22.1	21.6
-61.25°	30.1	28.8	27.4	26.1	25.2	24.4	23.6	22.8	22.0	21.6	21.1
-62.5°	27.9	26.6	25.6	24.9	24.1	23.4	22.6	21.9	21.5	21.1	20.7
-63.75°	25.8	25.1	24.4	23.7	23.0	22.3	21.8	21.4	21.0	20.6	20.2
-65°	24.5	23.9	23.2	22.5	21.9	21.6	21.2	20.9	20.5	20.1	19.6
-66.25°	23.3	22.6	22.0	21.7	21.4	21.0	20.7	20.3	20.0	19.5	18.9
-67.5°	22.0	21.7	21.4	21.1	20.8	20.5	20.1	19.7	19.2	18.7	18.2
-68.75°	21.3	21.1	20.8	20.5	20.2	19.9	19.4	18.9	18.5	18.0	17.5
-70°	20.7	20.4	20.2	19.8	19.4	19.0	18.6	18.1	17.7	17.3	16.7
-71.25°	20.0	19.7	19.3	18.9	18.5	18.1	17.7	17.3	16.9	16.2	15.5
-72.5°	19.1	18.7	18.4	18.0	17.7	17.3	16.9	16.2	15.6	14.9	14.3
-73.75°	18.1	17.8	17.4	17.1	16.6	16.0	15.5	14.9	14.3	13.7	13.1
-75°	17.1	16.7	16.2	15.6	15.1	14.6	14.1	13.5	13.0	12.4	11.9
-76.25°	15.5	15.0	14.6	14.1	13.6	13.2	12.7	12.2	11.7	11.3	10.9
-77.5°	13.8	13.4	13.0	12.6	12.1	11.8	11.4	11.1	10.7	10.3	9.9



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	12.1	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0
-80°	10.8	10.5	10.3	10.0	9.7	9.4	9.1	8.9	8.6	8.3	8.0
-81.25°	9.4	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.2	7.0
-82.5°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
-83.75°	6.7	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.0
-85°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
-86.25°	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0
-87.5°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-88.75°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	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



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
87.5°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
86.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
85°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
83.75°	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
82.5°	5.8	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
81.25°	6.7	6.4	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.2	3.9
80°	7.7	7.4	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.8	4.5
78.75°	8.6	8.3	7.9	7.6	7.2	6.9	6.5	6.1	5.8	5.4	5.0
77.5°	9.6	9.2	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6
76.25°	10.5	10.1	9.7	9.2	8.8	8.3	7.9	7.5	7.0	6.6	6.1
75°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.6	7.1	6.6
73.75°	12.5	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.7	7.2
72.5°	13.6	13.0	12.3	11.7	11.1	10.6	10.0	9.4	8.9	8.3	7.7
71.25°	14.8	14.1	13.3	12.6	11.9	11.3	10.7	10.1	9.5	8.9	8.3
70°	15.9	15.2	14.4	13.6	12.8	12.0	11.4	10.7	10.1	9.4	8.8
68.75°	17.0	16.3	15.4	14.6	13.8	12.9	12.1	11.4	10.7	10.0	9.3
67.5°	17.7	17.2	16.5	15.6	14.7	13.8	12.9	12.0	11.3	10.6	9.8
66.25°	18.4	17.9	17.3	16.6	15.7	14.7	13.8	12.8	11.9	11.1	10.4
65°	19.1	18.5	17.9	17.3	16.6	15.6	14.6	13.6	12.6	11.7	10.9
63.75°	19.7	19.1	18.5	17.9	17.3	16.5	15.4	14.4	13.3	12.3	11.4
62.5°	20.3	19.8	19.1	18.5	17.9	17.2	16.3	15.2	14.1	13.0	11.9
61.25°	20.7	20.3	19.7	19.1	18.4	17.7	17.0	15.9	14.8	13.6	12.5
60°	21.1	20.7	20.2	19.6	18.9	18.2	17.5	16.7	15.5	14.3	13.1
58.75°	21.6	21.1	20.6	20.1	19.5	18.7	18.0	17.3	16.2	14.9	13.7
57.5°	22.0	21.5	21.0	20.5	20.0	19.2	18.5	17.7	16.9	15.6	14.3
56.25°	22.8	21.9	21.4	20.9	20.3	19.7	18.9	18.1	17.3	16.2	14.9
55°	23.6	22.6	21.8	21.2	20.7	20.1	19.4	18.6	17.7	16.9	15.5
53.75°	24.4	23.4	22.3	21.6	21.0	20.5	19.9	19.0	18.1	17.3	16.0
52.5°	25.2	24.1	23.0	21.9	21.4	20.8	20.2	19.4	18.5	17.7	16.6
51.25°	26.1	24.9	23.7	22.5	21.7	21.1	20.5	19.8	18.9	18.0	17.1
50°	27.4	25.6	24.4	23.2	22.0	21.4	20.8	20.2	19.3	18.4	17.4
48.75°	28.8	26.6	25.1	23.9	22.6	21.7	21.1	20.4	19.7	18.7	17.8
47.5°	30.1	27.9	25.8	24.5	23.3	22.0	21.3	20.7	20.0	19.1	18.1
46.25°	31.4	29.1	26.9	25.2	23.9	22.6	21.6	20.9	20.3	19.4	18.4
45°	32.7	30.4	28.0	25.8	24.5	23.1	21.9	21.2	20.5	19.7	18.7
43.75°	33.9	31.6	29.2	26.8	25.1	23.7	22.3	21.4	20.7	20.0	19.0
42.5°	35.2	32.7	30.3	27.8	25.6	24.2	22.8	21.7	21.0	20.2	19.3
41.25°	36.4	33.9	31.4	28.9	26.4	24.8	23.3	21.9	21.2	20.5	19.6
40°	37.5	35.0	32.5	29.9	27.3	25.3	23.8	22.3	21.4	20.7	19.9
38.75°	38.7	36.1	33.5	30.9	28.3	25.8	24.3	22.8	21.6	20.9	20.1
37.5°	39.8	37.2	34.5	31.9	29.2	26.5	24.7	23.2	21.8	21.0	20.3
36.25°	41.2	38.2	35.5	32.8	30.1	27.3	25.2	23.6	22.0	21.2	20.4
35°	42.5	39.2	36.5	33.7	30.9	28.2	25.6	24.0	22.4	21.4	20.6



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	43.9	40.3	37.4	34.6	31.8	28.9	26.1	24.4	22.8	21.6	20.8
32.5°	45.2	41.5	38.3	35.5	32.6	29.7	26.8	24.8	23.2	21.8	20.9
31.25°	46.4	42.7	39.2	36.3	33.4	30.5	27.5	25.2	23.5	21.9	21.1
30°	47.6	43.9	40.1	37.1	34.2	31.2	28.2	25.6	23.9	22.2	21.2
28.75°	48.8	45.0	41.1	37.9	34.9	31.9	28.9	25.9	24.2	22.5	21.4
27.5°	49.7	46.0	42.2	38.6	35.6	32.6	29.5	26.4	24.5	22.8	21.5
26.25°	50.6	47.1	43.1	39.4	36.3	33.2	30.1	27.0	24.8	23.0	21.6
25°	51.4	48.1	44.1	40.1	36.9	33.8	30.7	27.6	25.1	23.3	21.8
23.75°	52.1	49.0	45.0	40.9	37.6	34.4	31.2	28.1	25.4	23.6	21.9
22.5°	52.9	49.7	45.8	41.7	38.2	35.0	31.8	28.6	25.6	23.8	22.0
21.25°	53.6	50.4	46.6	42.5	38.7	35.5	32.3	29.0	25.9	24.0	22.2
20°	54.2	51.0	47.4	43.2	39.3	36.0	32.8	29.5	26.2	24.3	22.4
18.75°	54.9	51.6	48.1	43.9	39.8	36.5	33.2	29.9	26.6	24.5	22.6
17.5°	55.5	52.2	48.8	44.6	40.3	36.9	33.6	30.3	27.0	24.7	22.8
16.25°	56.0	52.7	49.4	45.2	40.9	37.4	34.0	30.7	27.3	24.8	22.9
15°	56.4	53.2	49.8	45.7	41.4	37.7	34.4	31.0	27.6	25.0	23.1
13.75°	56.7	53.6	50.2	46.3	41.9	38.1	34.7	31.3	27.9	25.2	23.2
12.5°	57.0	54.0	50.6	46.7	42.4	38.4	35.0	31.6	28.2	25.3	23.4
11.25°	57.3	54.4	51.0	47.2	42.8	38.7	35.3	31.9	28.5	25.4	23.5
10°	57.5	54.7	51.3	47.5	43.1	39.0	35.6	32.1	28.7	25.6	23.6
8.75°	57.8	55.0	51.6	47.9	43.4	39.2	35.8	32.3	28.9	25.7	23.7
7.5°	58.0	55.3	51.8	48.2	43.7	39.4	36.0	32.5	29.0	25.8	23.8
6.25°	58.1	55.5	52.0	48.4	44.0	39.6	36.1	32.7	29.2	25.8	23.8
5°	58.3	55.7	52.2	48.6	44.2	39.7	36.3	32.8	29.3	25.9	23.9
3.75°	58.4	55.8	52.3	48.8	44.3	39.9	36.4	32.9	29.4	25.9	23.9
2.5°	58.4	55.9	52.4	48.9	44.4	39.9	36.4	32.9	29.4	26.0	24.0
1.25°	58.5	56.0	52.5	49.0	44.5	40.0	36.5	33.0	29.5	26.0	24.0
0°	58.5	56.0	52.5	49.0	44.5	40.0	36.5	33.0	29.5	26.0	24.0
-1.25°	58.5	56.0	52.5	49.0	44.5	40.0	36.5	33.0	29.5	26.0	24.0
-2.5°	58.4	55.9	52.4	48.9	44.4	39.9	36.4	32.9	29.4	26.0	24.0
-3.75°	58.4	55.8	52.3	48.8	44.3	39.9	36.4	32.9	29.4	25.9	23.9
-5°	58.3	55.7	52.2	48.6	44.2	39.7	36.3	32.8	29.3	25.9	23.9
-6.25°	58.1	55.5	52.0	48.4	44.0	39.6	36.1	32.7	29.2	25.8	23.8
-7.5°	58.0	55.3	51.8	48.2	43.7	39.4	36.0	32.5	29.0	25.8	23.8
-8.75°	57.8	55.0	51.6	47.9	43.4	39.2	35.8	32.3	28.9	25.7	23.7
-10°	57.5	54.7	51.3	47.5	43.1	39.0	35.6	32.1	28.7	25.6	23.6
-11.25°	57.3	54.4	51.0	47.2	42.8	38.7	35.3	31.9	28.5	25.4	23.5
-12.5°	57.0	54.0	50.6	46.7	42.4	38.4	35.0	31.6	28.2	25.3	23.4
-13.75°	56.7	53.6	50.2	46.3	41.9	38.1	34.7	31.3	27.9	25.2	23.2
-15°	56.4	53.2	49.8	45.7	41.4	37.7	34.4	31.0	27.6	25.0	23.1
-16.25°	56.0	52.7	49.4	45.2	40.9	37.4	34.0	30.7	27.3	24.8	22.9
-17.5°	55.5	52.2	48.8	44.6	40.3	36.9	33.6	30.3	27.0	24.7	22.8
-18.75°	54.9	51.6	48.1	43.9	39.8	36.5	33.2	29.9	26.6	24.5	22.6
-20°	54.2	51.0	47.4	43.2	39.3	36.0	32.8	29.5	26.2	24.3	22.4
-21.25°	53.6	50.4	46.6	42.5	38.7	35.5	32.3	29.0	25.9	24.0	22.2



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	52.9	49.7	45.8	41.7	38.2	35.0	31.8	28.6	25.6	23.8	22.0
-23.75°	52.1	49.0	45.0	40.9	37.6	34.4	31.2	28.1	25.4	23.6	21.9
-25°	51.4	48.1	44.1	40.1	36.9	33.8	30.7	27.6	25.1	23.3	21.8
-26.25°	50.6	47.1	43.1	39.4	36.3	33.2	30.1	27.0	24.8	23.0	21.6
-27.5°	49.7	46.0	42.2	38.6	35.6	32.6	29.5	26.4	24.5	22.8	21.5
-28.75°	48.8	45.0	41.1	37.9	34.9	31.9	28.9	25.9	24.2	22.5	21.4
-30°	47.6	43.9	40.1	37.1	34.2	31.2	28.2	25.6	23.9	22.2	21.2
-31.25°	46.4	42.7	39.2	36.3	33.4	30.5	27.5	25.2	23.5	21.9	21.1
-32.5°	45.2	41.5	38.3	35.5	32.6	29.7	26.8	24.8	23.2	21.8	20.9
-33.75°	43.9	40.3	37.4	34.6	31.8	28.9	26.1	24.4	22.8	21.6	20.8
-35°	42.5	39.2	36.5	33.7	30.9	28.2	25.6	24.0	22.4	21.4	20.6
-36.25°	41.2	38.2	35.5	32.8	30.1	27.3	25.2	23.6	22.0	21.2	20.4
-37.5°	39.8	37.2	34.5	31.9	29.2	26.5	24.7	23.2	21.8	21.0	20.3
-38.75°	38.7	36.1	33.5	30.9	28.3	25.8	24.3	22.8	21.6	20.9	20.1
-40°	37.5	35.0	32.5	29.9	27.3	25.3	23.8	22.3	21.4	20.7	19.9
-41.25°	36.4	33.9	31.4	28.9	26.4	24.8	23.3	21.9	21.2	20.5	19.6
-42.5°	35.2	32.7	30.3	27.8	25.6	24.2	22.8	21.7	21.0	20.2	19.3
-43.75°	33.9	31.6	29.2	26.8	25.1	23.7	22.3	21.4	20.7	20.0	19.0
-45°	32.7	30.4	28.0	25.8	24.5	23.1	21.9	21.2	20.5	19.7	18.7
-46.25°	31.4	29.1	26.9	25.2	23.9	22.6	21.6	20.9	20.3	19.4	18.4
-47.5°	30.1	27.9	25.8	24.5	23.3	22.0	21.3	20.7	20.0	19.1	18.1
-48.75°	28.8	26.6	25.1	23.9	22.6	21.7	21.1	20.4	19.7	18.7	17.8
-50°	27.4	25.6	24.4	23.2	22.0	21.4	20.8	20.2	19.3	18.4	17.4
-51.25°	26.1	24.9	23.7	22.5	21.7	21.1	20.5	19.8	18.9	18.0	17.1
-52.5°	25.2	24.1	23.0	21.9	21.4	20.8	20.2	19.4	18.5	17.7	16.6
-53.75°	24.4	23.4	22.3	21.6	21.0	20.5	19.9	19.0	18.1	17.3	16.0
-55°	23.6	22.6	21.8	21.2	20.7	20.1	19.4	18.6	17.7	16.9	15.5
-56.25°	22.8	21.9	21.4	20.9	20.3	19.7	18.9	18.1	17.3	16.2	14.9
-57.5°	22.0	21.5	21.0	20.5	20.0	19.2	18.5	17.7	16.9	15.6	14.3
-58.75°	21.6	21.1	20.6	20.1	19.5	18.7	18.0	17.3	16.2	14.9	13.7
-60°	21.1	20.7	20.2	19.6	18.9	18.2	17.5	16.7	15.5	14.3	13.1
-61.25°	20.7	20.3	19.7	19.1	18.4	17.7	17.0	15.9	14.8	13.6	12.5
-62.5°	20.3	19.8	19.1	18.5	17.9	17.2	16.3	15.2	14.1	13.0	11.9
-63.75°	19.7	19.1	18.5	17.9	17.3	16.5	15.4	14.4	13.3	12.3	11.4
-65°	19.1	18.5	17.9	17.3	16.6	15.6	14.6	13.6	12.6	11.7	10.9
-66.25°	18.4	17.9	17.3	16.6	15.7	14.7	13.8	12.8	11.9	11.1	10.4
-67.5°	17.7	17.2	16.5	15.6	14.7	13.8	12.9	12.0	11.3	10.6	9.8
-68.75°	17.0	16.3	15.4	14.6	13.8	12.9	12.1	11.4	10.7	10.0	9.3
-70°	15.9	15.2	14.4	13.6	12.8	12.0	11.4	10.7	10.1	9.4	8.8
-71.25°	14.8	14.1	13.3	12.6	11.9	11.3	10.7	10.1	9.5	8.9	8.3
-72.5°	13.6	13.0	12.3	11.7	11.1	10.6	10.0	9.4	8.9	8.3	7.7
-73.75°	12.5	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.7	7.2
-75°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.6	7.1	6.6
-76.25°	10.5	10.1	9.7	9.2	8.8	8.3	7.9	7.5	7.0	6.6	6.1
-77.5°	9.6	9.2	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	8.6	8.3	7.9	7.6	7.2	6.9	6.5	6.1	5.8	5.4	5.0
-80°	7.7	7.4	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.8	4.5
-81.25°	6.7	6.4	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.2	3.9
-82.5°	5.8	5.5	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3
-83.75°	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
-85°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
-86.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
-87.5°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-88.75°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	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



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
87.5°	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
86.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
85°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
83.75°	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
82.5°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
81.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
80°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
78.75°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
77.5°	5.1	4.7	4.3	3.9	3.4	3.0	2.6	2.2	1.7	1.3	0.9
76.25°	5.6	5.2	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0
75°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.0
73.75°	6.6	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.2	1.7	1.1
72.5°	7.1	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
71.25°	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.2	2.6	1.9	1.3
70°	8.1	7.5	6.8	6.1	5.4	4.8	4.1	3.4	2.7	2.1	1.4
68.75°	8.6	7.9	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.4
67.5°	9.1	8.3	7.6	6.9	6.1	5.3	4.6	3.8	3.1	2.3	1.5
66.25°	9.6	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
65°	10.0	9.2	8.4	7.6	6.7	5.9	5.1	4.2	3.4	2.5	1.7
63.75°	10.5	9.7	8.8	7.9	7.0	6.2	5.3	4.4	3.5	2.7	1.8
62.5°	11.0	10.1	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8
61.25°	11.4	10.5	9.6	8.6	7.7	6.7	5.8	4.8	3.8	2.9	1.9
60°	11.9	10.9	9.9	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
58.75°	12.4	11.3	10.3	9.3	8.3	7.2	6.2	5.2	4.1	3.1	2.1
57.5°	13.0	11.7	10.7	9.6	8.6	7.5	6.4	5.4	4.3	3.2	2.1
56.25°	13.5	12.2	11.1	10.0	8.9	7.8	6.7	5.5	4.4	3.3	2.2
55°	14.1	12.7	11.4	10.3	9.1	8.0	6.9	5.7	4.6	3.4	2.3
53.75°	14.6	13.2	11.8	10.6	9.4	8.3	7.1	5.9	4.7	3.5	2.4
52.5°	15.1	13.6	12.1	10.9	9.7	8.5	7.3	6.1	4.9	3.7	2.4
51.25°	15.6	14.1	12.6	11.2	10.0	8.7	7.5	6.3	5.0	3.8	2.5
50°	16.2	14.6	13.0	11.5	10.3	9.0	7.7	6.4	5.1	3.9	2.6
48.75°	16.7	15.0	13.4	11.8	10.5	9.2	7.9	6.6	5.3	4.0	2.6
47.5°	17.1	15.5	13.8	12.1	10.8	9.4	8.1	6.7	5.4	4.1	2.7
46.25°	17.4	15.9	14.2	12.5	11.0	9.7	8.3	6.9	5.5	4.1	2.8
45°	17.7	16.4	14.6	12.9	11.3	9.9	8.5	7.1	5.7	4.2	2.8
43.75°	17.9	16.8	15.0	13.2	11.5	10.1	8.7	7.2	5.8	4.3	2.9
42.5°	18.2	17.1	15.4	13.5	11.8	10.3	8.8	7.4	5.9	4.4	2.9
41.25°	18.5	17.4	15.7	13.9	12.0	10.5	9.0	7.5	6.0	4.5	3.0
40°	18.7	17.6	16.1	14.2	12.3	10.7	9.2	7.7	6.1	4.6	3.1
38.75°	19.0	17.8	16.4	14.5	12.6	10.9	9.3	7.8	6.2	4.7	3.1
37.5°	19.2	18.0	16.8	14.8	12.8	11.1	9.5	7.9	6.3	4.8	3.2
36.25°	19.5	18.3	17.1	15.1	13.1	11.3	9.7	8.1	6.4	4.8	3.2
35°	19.7	18.5	17.3	15.4	13.4	11.5	9.8	8.2	6.6	4.9	3.3



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-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°	19.9	18.7	17.4	15.7	13.6	11.6	10.0	8.3	6.6	5.0	3.3
32.5°	20.1	18.9	17.6	15.9	13.8	11.8	10.1	8.4	6.7	5.1	3.4
31.25°	20.2	19.1	17.8	16.2	14.1	12.0	10.3	8.5	6.8	5.1	3.4
30°	20.4	19.3	18.0	16.5	14.3	12.1	10.4	8.7	6.9	5.2	3.5
28.75°	20.5	19.4	18.1	16.7	14.5	12.3	10.5	8.8	7.0	5.3	3.5
27.5°	20.6	19.6	18.3	16.9	14.7	12.5	10.6	8.9	7.1	5.3	3.5
26.25°	20.7	19.8	18.4	17.1	14.9	12.7	10.8	9.0	7.2	5.4	3.6
25°	20.9	19.9	18.6	17.2	15.1	12.8	10.9	9.1	7.2	5.4	3.6
23.75°	21.0	20.1	18.7	17.3	15.3	13.0	11.0	9.2	7.3	5.5	3.7
22.5°	21.1	20.1	18.8	17.5	15.5	13.2	11.1	9.2	7.4	5.5	3.7
21.25°	21.2	20.2	19.0	17.6	15.6	13.3	11.2	9.3	7.5	5.6	3.7
20°	21.3	20.3	19.1	17.7	15.8	13.4	11.3	9.4	7.5	5.6	3.8
18.75°	21.3	20.4	19.2	17.8	15.9	13.6	11.4	9.5	7.6	5.7	3.8
17.5°	21.4	20.5	19.3	17.9	16.1	13.7	11.4	9.5	7.6	5.7	3.8
16.25°	21.5	20.6	19.4	18.0	16.2	13.8	11.5	9.6	7.7	5.8	3.8
15°	21.6	20.6	19.5	18.0	16.3	13.9	11.6	9.7	7.7	5.8	3.9
13.75°	21.6	20.7	19.6	18.1	16.4	14.0	11.7	9.7	7.8	5.8	3.9
12.5°	21.7	20.7	19.6	18.2	16.5	14.1	11.7	9.8	7.8	5.9	3.9
11.25°	21.8	20.8	19.7	18.2	16.6	14.2	11.8	9.8	7.8	5.9	3.9
10°	21.8	20.8	19.8	18.3	16.7	14.2	11.8	9.8	7.9	5.9	3.9
8.75°	21.9	20.9	19.8	18.3	16.8	14.3	11.9	9.9	7.9	5.9	4.0
7.5°	21.9	20.9	19.9	18.4	16.8	14.3	11.9	9.9	7.9	5.9	4.0
6.25°	21.9	20.9	19.9	18.4	16.9	14.4	11.9	9.9	8.0	6.0	4.0
5°	22.0	21.0	19.9	18.4	16.9	14.4	12.0	10.0	8.0	6.0	4.0
3.75°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
2.5°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
1.25°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
0°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
-1.25°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
-2.5°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
-3.75°	22.0	21.0	20.0	18.5	17.0	14.5	12.0	10.0	8.0	6.0	4.0
-5°	22.0	21.0	19.9	18.4	16.9	14.4	12.0	10.0	8.0	6.0	4.0
-6.25°	21.9	20.9	19.9	18.4	16.9	14.4	11.9	9.9	8.0	6.0	4.0
-7.5°	21.9	20.9	19.9	18.4	16.8	14.3	11.9	9.9	7.9	5.9	4.0
-8.75°	21.9	20.9	19.8	18.3	16.8	14.3	11.9	9.9	7.9	5.9	4.0
-10°	21.8	20.8	19.8	18.3	16.7	14.2	11.8	9.8	7.9	5.9	3.9
-11.25°	21.8	20.8	19.7	18.2	16.6	14.2	11.8	9.8	7.8	5.9	3.9
-12.5°	21.7	20.7	19.6	18.2	16.5	14.1	11.7	9.8	7.8	5.9	3.9
-13.75°	21.6	20.7	19.6	18.1	16.4	14.0	11.7	9.7	7.8	5.8	3.9
-15°	21.6	20.6	19.5	18.0	16.3	13.9	11.6	9.7	7.7	5.8	3.9
-16.25°	21.5	20.6	19.4	18.0	16.2	13.8	11.5	9.6	7.7	5.8	3.8
-17.5°	21.4	20.5	19.3	17.9	16.1	13.7	11.4	9.5	7.6	5.7	3.8
-18.75°	21.3	20.4	19.2	17.8	15.9	13.6	11.4	9.5	7.6	5.7	3.8
-20°	21.3	20.3	19.1	17.7	15.8	13.4	11.3	9.4	7.5	5.6	3.8
-21.25°	21.2	20.2	19.0	17.6	15.6	13.3	11.2	9.3	7.5	5.6	3.7



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	21.1	20.1	18.8	17.5	15.5	13.2	11.1	9.2	7.4	5.5	3.7
-23.75°	21.0	20.1	18.7	17.3	15.3	13.0	11.0	9.2	7.3	5.5	3.7
-25°	20.9	19.9	18.6	17.2	15.1	12.8	10.9	9.1	7.2	5.4	3.6
-26.25°	20.7	19.8	18.4	17.1	14.9	12.7	10.8	9.0	7.2	5.4	3.6
-27.5°	20.6	19.6	18.3	16.9	14.7	12.5	10.6	8.9	7.1	5.3	3.5
-28.75°	20.5	19.4	18.1	16.7	14.5	12.3	10.5	8.8	7.0	5.3	3.5
-30°	20.4	19.3	18.0	16.5	14.3	12.1	10.4	8.7	6.9	5.2	3.5
-31.25°	20.2	19.1	17.8	16.2	14.1	12.0	10.3	8.5	6.8	5.1	3.4
-32.5°	20.1	18.9	17.6	15.9	13.8	11.8	10.1	8.4	6.7	5.1	3.4
-33.75°	19.9	18.7	17.4	15.7	13.6	11.6	10.0	8.3	6.6	5.0	3.3
-35°	19.7	18.5	17.3	15.4	13.4	11.5	9.8	8.2	6.6	4.9	3.3
-36.25°	19.5	18.3	17.1	15.1	13.1	11.3	9.7	8.1	6.4	4.8	3.2
-37.5°	19.2	18.0	16.8	14.8	12.8	11.1	9.5	7.9	6.3	4.8	3.2
-38.75°	19.0	17.8	16.4	14.5	12.6	10.9	9.3	7.8	6.2	4.7	3.1
-40°	18.7	17.6	16.1	14.2	12.3	10.7	9.2	7.7	6.1	4.6	3.1
-41.25°	18.5	17.4	15.7	13.9	12.0	10.5	9.0	7.5	6.0	4.5	3.0
-42.5°	18.2	17.1	15.4	13.5	11.8	10.3	8.8	7.4	5.9	4.4	2.9
-43.75°	17.9	16.8	15.0	13.2	11.5	10.1	8.7	7.2	5.8	4.3	2.9
-45°	17.7	16.4	14.6	12.9	11.3	9.9	8.5	7.1	5.7	4.2	2.8
-46.25°	17.4	15.9	14.2	12.5	11.0	9.7	8.3	6.9	5.5	4.1	2.8
-47.5°	17.1	15.5	13.8	12.1	10.8	9.4	8.1	6.7	5.4	4.1	2.7
-48.75°	16.7	15.0	13.4	11.8	10.5	9.2	7.9	6.6	5.3	4.0	2.6
-50°	16.2	14.6	13.0	11.5	10.3	9.0	7.7	6.4	5.1	3.9	2.6
-51.25°	15.6	14.1	12.6	11.2	10.0	8.7	7.5	6.3	5.0	3.8	2.5
-52.5°	15.1	13.6	12.1	10.9	9.7	8.5	7.3	6.1	4.9	3.7	2.4
-53.75°	14.6	13.2	11.8	10.6	9.4	8.3	7.1	5.9	4.7	3.5	2.4
-55°	14.1	12.7	11.4	10.3	9.1	8.0	6.9	5.7	4.6	3.4	2.3
-56.25°	13.5	12.2	11.1	10.0	8.9	7.8	6.7	5.5	4.4	3.3	2.2
-57.5°	13.0	11.7	10.7	9.6	8.6	7.5	6.4	5.4	4.3	3.2	2.1
-58.75°	12.4	11.3	10.3	9.3	8.3	7.2	6.2	5.2	4.1	3.1	2.1
-60°	11.9	10.9	9.9	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
-61.25°	11.4	10.5	9.6	8.6	7.7	6.7	5.8	4.8	3.8	2.9	1.9
-62.5°	11.0	10.1	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	1.8
-63.75°	10.5	9.7	8.8	7.9	7.0	6.2	5.3	4.4	3.5	2.7	1.8
-65°	10.0	9.2	8.4	7.6	6.7	5.9	5.1	4.2	3.4	2.5	1.7
-66.25°	9.6	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
-67.5°	9.1	8.3	7.6	6.9	6.1	5.3	4.6	3.8	3.1	2.3	1.5
-68.75°	8.6	7.9	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.4
-70°	8.1	7.5	6.8	6.1	5.4	4.8	4.1	3.4	2.7	2.1	1.4
-71.25°	7.6	7.0	6.4	5.8	5.1	4.5	3.8	3.2	2.6	1.9	1.3
-72.5°	7.1	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
-73.75°	6.6	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.2	1.7	1.1
-75°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.0
-76.25°	5.6	5.2	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0
-77.5°	5.1	4.7	4.3	3.9	3.4	3.0	2.6	2.2	1.7	1.3	0.9



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-80°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-81.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-82.5°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-83.75°	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
-85°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-86.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-87.5°	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-88.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.2	0.0
83.75°	0.2	0.0
82.5°	0.3	0.0
81.25°	0.3	0.0
80°	0.3	0.0
78.75°	0.4	0.0
77.5°	0.4	0.0
76.25°	0.5	0.0
75°	0.5	0.0
73.75°	0.6	0.0
72.5°	0.6	0.0
71.25°	0.6	0.0
70°	0.7	0.0
68.75°	0.7	0.0
67.5°	0.8	0.0
66.25°	0.8	0.0
65°	0.8	0.0
63.75°	0.9	0.0
62.5°	0.9	0.0
61.25°	1.0	0.0
60°	1.0	0.0
58.75°	1.0	0.0
57.5°	1.1	0.0
56.25°	1.1	0.0
55°	1.1	0.0
53.75°	1.2	0.0
52.5°	1.2	0.0
51.25°	1.3	0.0
50°	1.3	0.0
48.75°	1.3	0.0
47.5°	1.4	0.0
46.25°	1.4	0.0
45°	1.4	0.0
43.75°	1.4	0.0
42.5°	1.5	0.0
41.25°	1.5	0.0
40°	1.5	0.0
38.75°	1.6	0.0
37.5°	1.6	0.0
36.25°	1.6	0.0
35°	1.6	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.7	0.0
32.5°	1.7	0.0
31.25°	1.7	0.0
30°	1.7	0.0
28.75°	1.8	0.0
27.5°	1.8	0.0
26.25°	1.8	0.0
25°	1.8	0.0
23.75°	1.8	0.0
22.5°	1.8	0.0
21.25°	1.9	0.0
20°	1.9	0.0
18.75°	1.9	0.0
17.5°	1.9	0.0
16.25°	1.9	0.0
15°	1.9	0.0
13.75°	1.9	0.0
12.5°	2.0	0.0
11.25°	2.0	0.0
10°	2.0	0.0
8.75°	2.0	0.0
7.5°	2.0	0.0
6.25°	2.0	0.0
5°	2.0	0.0
3.75°	2.0	0.0
2.5°	2.0	0.0
1.25°	2.0	0.0
0°	2.0	0.0
-1.25°	2.0	0.0
-2.5°	2.0	0.0
-3.75°	2.0	0.0
-5°	2.0	0.0
-6.25°	2.0	0.0
-7.5°	2.0	0.0
-8.75°	2.0	0.0
-10°	2.0	0.0
-11.25°	2.0	0.0
-12.5°	2.0	0.0
-13.75°	1.9	0.0
-15°	1.9	0.0
-16.25°	1.9	0.0
-17.5°	1.9	0.0
-18.75°	1.9	0.0
-20°	1.9	0.0
-21.25°	1.9	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.8	0.0
-23.75°	1.8	0.0
-25°	1.8	0.0
-26.25°	1.8	0.0
-27.5°	1.8	0.0
-28.75°	1.8	0.0
-30°	1.7	0.0
-31.25°	1.7	0.0
-32.5°	1.7	0.0
-33.75°	1.7	0.0
-35°	1.6	0.0
-36.25°	1.6	0.0
-37.5°	1.6	0.0
-38.75°	1.6	0.0
-40°	1.5	0.0
-41.25°	1.5	0.0
-42.5°	1.5	0.0
-43.75°	1.4	0.0
-45°	1.4	0.0
-46.25°	1.4	0.0
-47.5°	1.4	0.0
-48.75°	1.3	0.0
-50°	1.3	0.0
-51.25°	1.3	0.0
-52.5°	1.2	0.0
-53.75°	1.2	0.0
-55°	1.1	0.0
-56.25°	1.1	0.0
-57.5°	1.1	0.0
-58.75°	1.0	0.0
-60°	1.0	0.0
-61.25°	1.0	0.0
-62.5°	0.9	0.0
-63.75°	0.9	0.0
-65°	0.8	0.0
-66.25°	0.8	0.0
-67.5°	0.8	0.0
-68.75°	0.7	0.0
-70°	0.7	0.0
-71.25°	0.6	0.0
-72.5°	0.6	0.0
-73.75°	0.6	0.0
-75°	0.5	0.0
-76.25°	0.5	0.0
-77.5°	0.4	0.0



REPORT NUMBER: P29469 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.4	0.0
-80°	0.3	0.0
-81.25°	0.3	0.0
-82.5°	0.3	0.0
-83.75°	0.2	0.0
-85°	0.2	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)