

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: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29468 (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-S-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

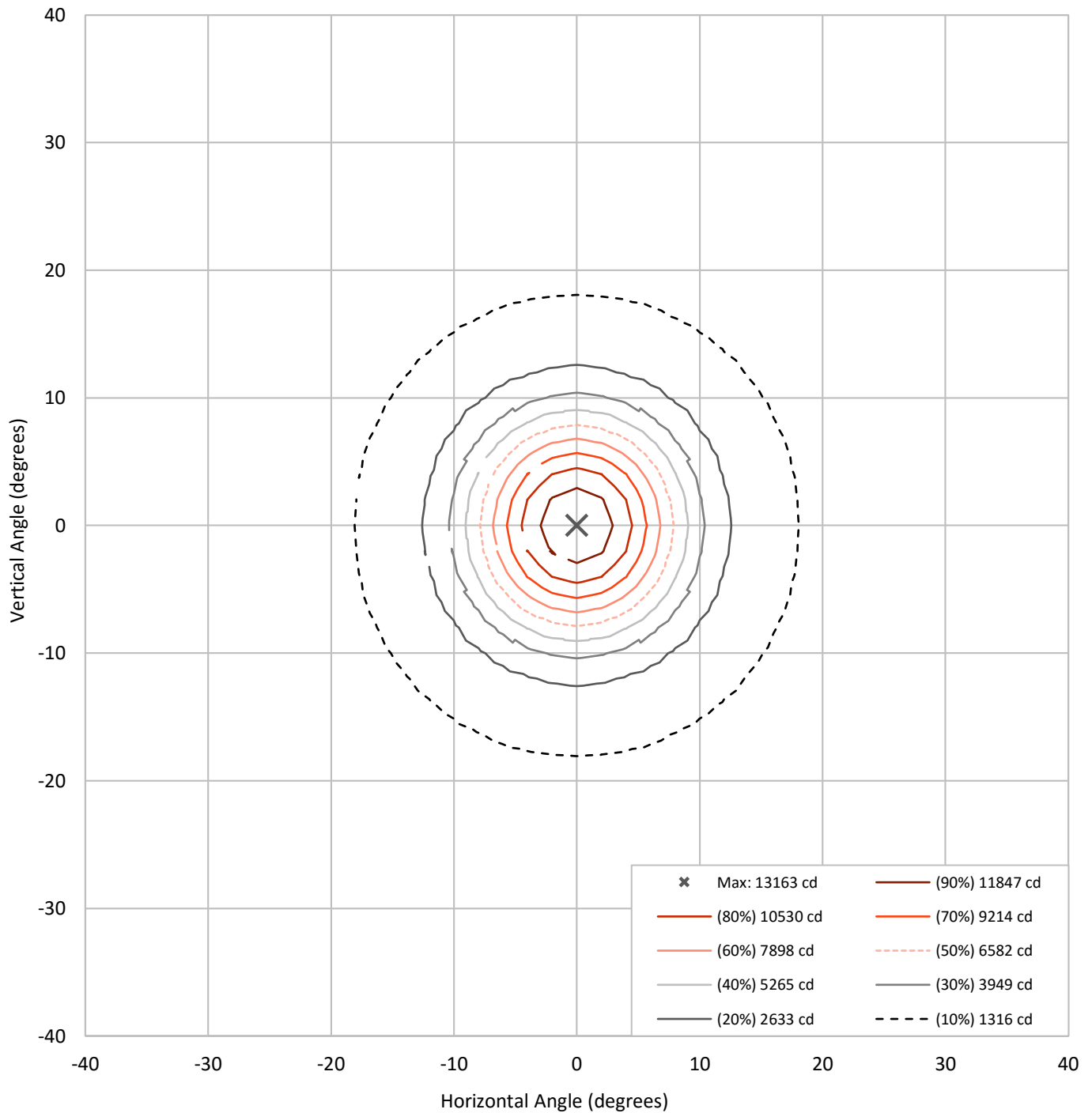
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1795.3 lumens	Max Intensity:	13163 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	547.8 lumens	Field Lumens:	1208.7 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%

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





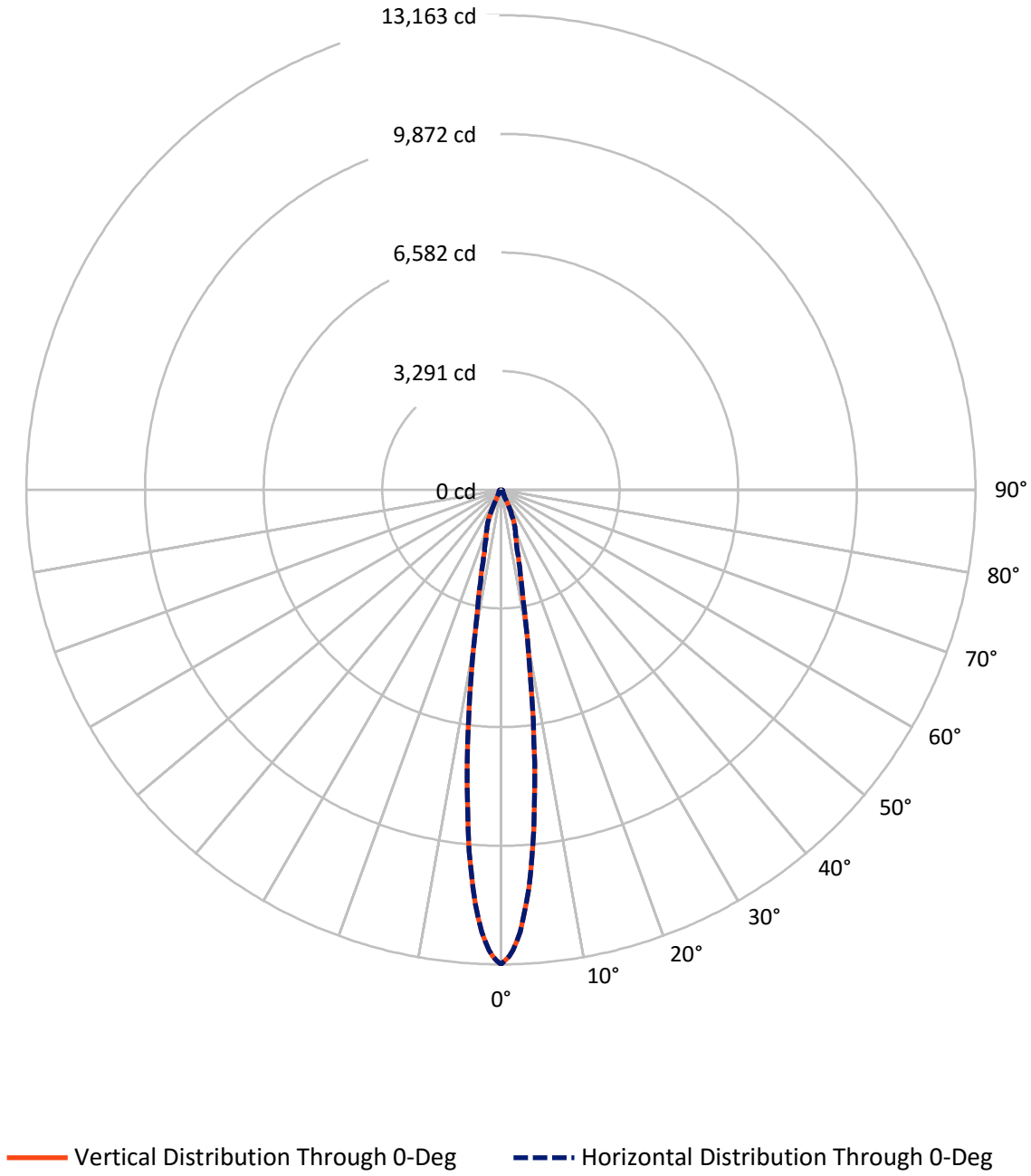
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Lumen Table

90	0.1	0.5		1.1		1.6		1.8		1.6		1.1		0.5		0.1
80	0.1	0.5		1.1		1.6		1.8		1.6		1.1		0.5		0.1
70	0.2	0.2	0.4	0.6	0.8	1.1	1.3	1.4	1.4	1.3	1.1	0.8	0.6	0.4	0.2	0.2
60		0.3	0.5	0.9	1.3	1.7	1.9	2.0	2.0	1.9	1.7	1.3	0.9	0.5	0.3	
50	0.3	0.3	0.7	1.3	1.6	1.9	2.1	2.2	2.2	2.1	1.9	1.6	1.3	0.7	0.3	0.3
40		0.4	1.0	1.4	1.7	2.1	2.4	2.8	2.8	2.4	2.1	1.7	1.4	1.0	0.4	
30	0.4	0.5	1.1	1.5	1.9	2.6	6.7	15.3	15.3	6.7	2.6	1.9	1.5	1.1	0.5	0.4
20		0.6	1.1	1.5	2.1	6.3	29.3	54.2	54.2	29.3	6.3	2.1	1.5	1.1	0.6	
10	0.4	0.6	1.1	1.5	2.3	14.1	52.7	210.6	210.6	52.7	14.1	2.3	1.5	1.1	0.6	0.4
0		0.6	1.1	1.5	2.3	14.1	52.7	210.6	210.6	52.7	14.1	2.3	1.5	1.1	0.6	
-10	0.4	0.6	1.1	1.5	2.1	6.3	29.3	54.2	54.2	29.3	6.3	2.1	1.5	1.1	0.6	0.4
-20		0.5	1.1	1.5	1.9	2.6	6.7	15.3	15.3	6.7	2.6	1.9	1.5	1.1	0.5	
-30	0.3	0.4	1.0	1.4	1.7	2.1	2.4	2.8	2.8	2.4	2.1	1.7	1.4	1.0	0.4	0.3
-40		0.3	0.7	1.3	1.6	1.9	2.1	2.2	2.2	2.1	1.9	1.6	1.3	0.7	0.3	
-50	0.2	0.3	0.5	0.9	1.3	1.7	1.9	2.0	2.0	1.9	1.7	1.3	0.9	0.5	0.3	0.2
-60		0.2	0.4	0.6	0.8	1.1	1.3	1.4	1.4	1.3	1.1	0.8	0.6	0.4	0.2	
-70	0.1	0.5		1.1		1.6		1.8		1.6		1.1		0.5		0.1
-80		0.5		1.1		1.6		1.8		1.6		1.1		0.5		
-90	0.1	0.5		1.1		1.6		1.8		1.6		1.1		0.5		0.1

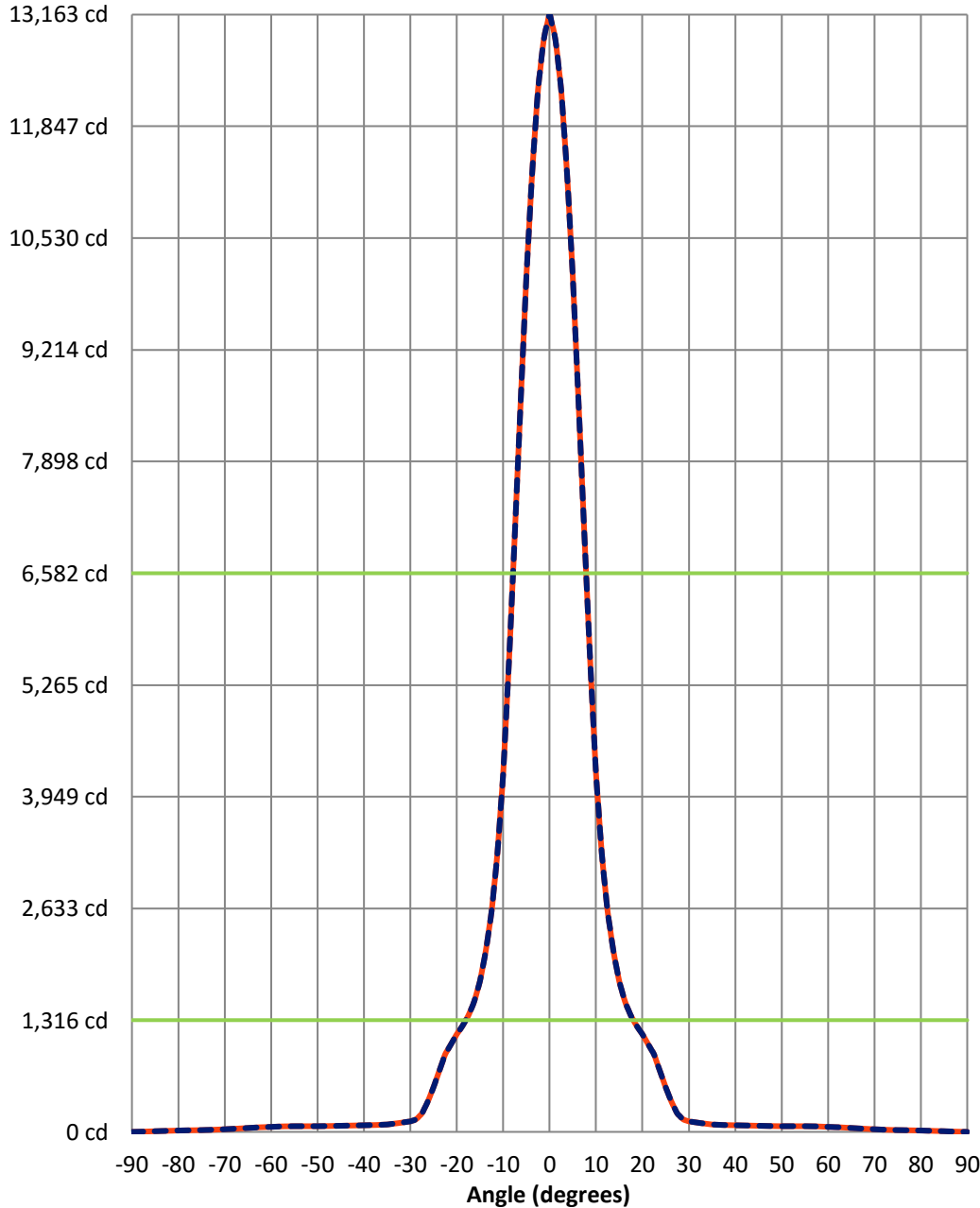
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 547.8
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 1208.7
 Efficiency: 67.3%

Spill:
 Lumens: 586.6
 Efficiency: 32.7%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
81.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.4
76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	3.9
75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	3.8	4.4
73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.6	4.3	4.9
72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	4.0	4.7	5.5
71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.6	4.4	5.2	6.0
70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	4.0	4.8	5.7	6.5
68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.4	4.3	5.2	6.1	7.0
67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.7	4.7	5.6	6.6	7.5
66.25°	0.0	0.6	1.2	1.8	2.4	3.0	4.0	5.0	6.0	7.0	8.0
65°	0.0	0.6	1.3	1.9	2.5	3.3	4.3	5.4	6.4	7.5	8.4
63.75°	0.0	0.7	1.3	2.0	2.7	3.5	4.6	5.7	6.8	7.9	8.8
62.5°	0.0	0.7	1.4	2.1	2.8	3.8	4.9	6.1	7.2	8.3	9.2
61.25°	0.0	0.7	1.4	2.2	2.9	4.0	5.2	6.4	7.6	8.6	9.6
60°	0.0	0.7	1.5	2.2	3.0	4.2	5.5	6.7	8.0	9.0	9.9
58.75°	0.0	0.8	1.6	2.3	3.2	4.5	5.8	7.1	8.3	9.3	10.3
57.5°	0.0	0.8	1.6	2.4	3.4	4.7	6.0	7.4	8.6	9.6	10.7
56.25°	0.0	0.8	1.7	2.5	3.6	4.9	6.3	7.7	8.9	10.0	11.1
55°	0.0	0.9	1.7	2.6	3.7	5.2	6.6	8.0	9.1	10.3	11.4
53.75°	0.0	0.9	1.8	2.7	3.9	5.4	6.9	8.3	9.4	10.6	11.8
52.5°	0.0	0.9	1.8	2.7	4.1	5.6	7.1	8.5	9.7	10.9	12.1
51.25°	0.0	0.9	1.9	2.8	4.3	5.8	7.4	8.7	10.0	11.2	12.5
50°	0.0	1.0	1.9	2.9	4.4	6.0	7.6	9.0	10.3	11.5	12.8
48.75°	0.0	1.0	2.0	3.0	4.6	6.2	7.9	9.2	10.5	11.8	13.1
47.5°	0.0	1.0	2.0	3.1	4.8	6.4	8.1	9.4	10.8	12.1	13.5
46.25°	0.0	1.0	2.1	3.2	4.9	6.6	8.3	9.7	11.0	12.4	13.8
45°	0.0	1.1	2.1	3.3	5.1	6.8	8.5	9.9	11.3	12.7	14.1
43.75°	0.0	1.1	2.2	3.4	5.2	7.0	8.7	10.1	11.5	13.0	14.4
42.5°	0.0	1.1	2.2	3.5	5.4	7.2	8.8	10.3	11.8	13.2	14.7
41.25°	0.0	1.1	2.3	3.6	5.5	7.4	9.0	10.5	12.0	13.5	15.0
40°	0.0	1.1	2.3	3.7	5.7	7.6	9.2	10.7	12.2	13.8	15.3
38.75°	0.0	1.2	2.3	3.8	5.8	7.7	9.3	10.9	12.5	14.0	15.5
37.5°	0.0	1.2	2.4	3.9	5.9	7.9	9.5	11.1	12.7	14.2	15.8
36.25°	0.0	1.2	2.4	4.0	6.1	8.1	9.7	11.3	12.9	14.5	16.1
35°	0.0	1.2	2.5	4.1	6.2	8.2	9.8	11.5	13.1	14.7	16.3



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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	1.2	2.5	4.2	6.3	8.3	10.0	11.6	13.3	14.9	16.4
32.5°	0.0	1.3	2.5	4.3	6.4	8.4	10.1	11.8	13.5	15.2	16.6
31.25°	0.0	1.3	2.6	4.4	6.5	8.5	10.3	12.0	13.7	15.4	16.8
30°	0.0	1.3	2.6	4.5	6.7	8.7	10.4	12.1	13.8	15.6	17.0
28.75°	0.0	1.3	2.6	4.6	6.8	8.8	10.5	12.3	14.0	15.8	17.1
27.5°	0.0	1.3	2.7	4.7	6.9	8.9	10.6	12.4	14.2	15.9	17.3
26.25°	0.0	1.3	2.7	4.7	7.0	9.0	10.8	12.5	14.3	16.1	17.4
25°	0.0	1.4	2.7	4.8	7.1	9.1	10.9	12.7	14.5	16.2	17.6
23.75°	0.0	1.4	2.7	4.9	7.2	9.2	11.0	12.8	14.6	16.3	17.7
22.5°	0.0	1.4	2.8	4.9	7.2	9.2	11.1	12.9	14.8	16.5	17.8
21.25°	0.0	1.4	2.8	5.0	7.3	9.3	11.2	13.0	14.9	16.6	18.0
20°	0.0	1.4	2.8	5.0	7.4	9.4	11.3	13.1	15.0	16.7	18.1
18.75°	0.0	1.4	2.8	5.1	7.5	9.5	11.4	13.3	15.1	16.8	18.2
17.5°	0.0	1.4	2.9	5.2	7.5	9.5	11.4	13.3	15.3	16.9	18.3
16.25°	0.0	1.4	2.9	5.2	7.6	9.6	11.5	13.4	15.4	17.0	18.4
15°	0.0	1.4	2.9	5.2	7.7	9.7	11.6	13.5	15.4	17.0	18.5
13.75°	0.0	1.5	2.9	5.3	7.7	9.7	11.7	13.6	15.5	17.1	18.6
12.5°	0.0	1.5	2.9	5.3	7.8	9.8	11.7	13.7	15.6	17.2	18.6
11.25°	0.0	1.5	2.9	5.4	7.8	9.8	11.8	13.7	15.7	17.2	18.7
10°	0.0	1.5	3.0	5.4	7.8	9.8	11.8	13.8	15.8	17.3	18.8
8.75°	0.0	1.5	3.0	5.4	7.9	9.9	11.9	13.8	15.8	17.3	18.8
7.5°	0.0	1.5	3.0	5.4	7.9	9.9	11.9	13.9	15.9	17.4	18.9
6.25°	0.0	1.5	3.0	5.5	7.9	9.9	11.9	13.9	15.9	17.4	18.9
5°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	13.9	15.9	17.4	18.9
3.75°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
2.5°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
1.25°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
0°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
-1.25°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
-2.5°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
-3.75°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	14.0	16.0	17.5	19.0
-5°	0.0	1.5	3.0	5.5	8.0	10.0	12.0	13.9	15.9	17.4	18.9
-6.25°	0.0	1.5	3.0	5.5	7.9	9.9	11.9	13.9	15.9	17.4	18.9
-7.5°	0.0	1.5	3.0	5.4	7.9	9.9	11.9	13.9	15.9	17.4	18.9
-8.75°	0.0	1.5	3.0	5.4	7.9	9.9	11.9	13.8	15.8	17.3	18.8
-10°	0.0	1.5	3.0	5.4	7.8	9.8	11.8	13.8	15.8	17.3	18.8
-11.25°	0.0	1.5	2.9	5.4	7.8	9.8	11.8	13.7	15.7	17.2	18.7
-12.5°	0.0	1.5	2.9	5.3	7.8	9.8	11.7	13.7	15.6	17.2	18.6
-13.75°	0.0	1.5	2.9	5.3	7.7	9.7	11.7	13.6	15.5	17.1	18.6
-15°	0.0	1.4	2.9	5.2	7.7	9.7	11.6	13.5	15.4	17.0	18.5
-16.25°	0.0	1.4	2.9	5.2	7.6	9.6	11.5	13.4	15.4	17.0	18.4
-17.5°	0.0	1.4	2.9	5.2	7.5	9.5	11.4	13.3	15.3	16.9	18.3
-18.75°	0.0	1.4	2.8	5.1	7.5	9.5	11.4	13.3	15.1	16.8	18.2
-20°	0.0	1.4	2.8	5.0	7.4	9.4	11.3	13.1	15.0	16.7	18.1
-21.25°	0.0	1.4	2.8	5.0	7.3	9.3	11.2	13.0	14.9	16.6	18.0

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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	1.4	2.8	4.9	7.2	9.2	11.1	12.9	14.8	16.5	17.8
-23.75°	0.0	1.4	2.7	4.9	7.2	9.2	11.0	12.8	14.6	16.3	17.7
-25°	0.0	1.4	2.7	4.8	7.1	9.1	10.9	12.7	14.5	16.2	17.6
-26.25°	0.0	1.3	2.7	4.7	7.0	9.0	10.8	12.5	14.3	16.1	17.4
-27.5°	0.0	1.3	2.7	4.7	6.9	8.9	10.6	12.4	14.2	15.9	17.3
-28.75°	0.0	1.3	2.6	4.6	6.8	8.8	10.5	12.3	14.0	15.8	17.1
-30°	0.0	1.3	2.6	4.5	6.7	8.7	10.4	12.1	13.8	15.6	17.0
-31.25°	0.0	1.3	2.6	4.4	6.5	8.5	10.3	12.0	13.7	15.4	16.8
-32.5°	0.0	1.3	2.5	4.3	6.4	8.4	10.1	11.8	13.5	15.2	16.6
-33.75°	0.0	1.2	2.5	4.2	6.3	8.3	10.0	11.6	13.3	14.9	16.4
-35°	0.0	1.2	2.5	4.1	6.2	8.2	9.8	11.5	13.1	14.7	16.3
-36.25°	0.0	1.2	2.4	4.0	6.1	8.1	9.7	11.3	12.9	14.5	16.1
-37.5°	0.0	1.2	2.4	3.9	5.9	7.9	9.5	11.1	12.7	14.2	15.8
-38.75°	0.0	1.2	2.3	3.8	5.8	7.7	9.3	10.9	12.5	14.0	15.5
-40°	0.0	1.1	2.3	3.7	5.7	7.6	9.2	10.7	12.2	13.8	15.3
-41.25°	0.0	1.1	2.3	3.6	5.5	7.4	9.0	10.5	12.0	13.5	15.0
-42.5°	0.0	1.1	2.2	3.5	5.4	7.2	8.8	10.3	11.8	13.2	14.7
-43.75°	0.0	1.1	2.2	3.4	5.2	7.0	8.7	10.1	11.5	13.0	14.4
-45°	0.0	1.1	2.1	3.3	5.1	6.8	8.5	9.9	11.3	12.7	14.1
-46.25°	0.0	1.0	2.1	3.2	4.9	6.6	8.3	9.7	11.0	12.4	13.8
-47.5°	0.0	1.0	2.0	3.1	4.8	6.4	8.1	9.4	10.8	12.1	13.5
-48.75°	0.0	1.0	2.0	3.0	4.6	6.2	7.9	9.2	10.5	11.8	13.1
-50°	0.0	1.0	1.9	2.9	4.4	6.0	7.6	9.0	10.3	11.5	12.8
-51.25°	0.0	0.9	1.9	2.8	4.3	5.8	7.4	8.7	10.0	11.2	12.5
-52.5°	0.0	0.9	1.8	2.7	4.1	5.6	7.1	8.5	9.7	10.9	12.1
-53.75°	0.0	0.9	1.8	2.7	3.9	5.4	6.9	8.3	9.4	10.6	11.8
-55°	0.0	0.9	1.7	2.6	3.7	5.2	6.6	8.0	9.1	10.3	11.4
-56.25°	0.0	0.8	1.7	2.5	3.6	4.9	6.3	7.7	8.9	10.0	11.1
-57.5°	0.0	0.8	1.6	2.4	3.4	4.7	6.0	7.4	8.6	9.6	10.7
-58.75°	0.0	0.8	1.6	2.3	3.2	4.5	5.8	7.1	8.3	9.3	10.3
-60°	0.0	0.7	1.5	2.2	3.0	4.2	5.5	6.7	8.0	9.0	9.9
-61.25°	0.0	0.7	1.4	2.2	2.9	4.0	5.2	6.4	7.6	8.6	9.6
-62.5°	0.0	0.7	1.4	2.1	2.8	3.8	4.9	6.1	7.2	8.3	9.2
-63.75°	0.0	0.7	1.3	2.0	2.7	3.5	4.6	5.7	6.8	7.9	8.8
-65°	0.0	0.6	1.3	1.9	2.5	3.3	4.3	5.4	6.4	7.5	8.4
-66.25°	0.0	0.6	1.2	1.8	2.4	3.0	4.0	5.0	6.0	7.0	8.0
-67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.7	4.7	5.6	6.6	7.5
-68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.4	4.3	5.2	6.1	7.0
-70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	4.0	4.8	5.7	6.5
-71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.6	4.4	5.2	6.0
-72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	4.0	4.7	5.5
-73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.6	4.3	4.9
-75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.2	3.8	4.4
-76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	3.9
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.4



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-80°	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	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.3	3.5
82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.4	3.7	4.0	4.3	4.6
81.25°	2.5	2.7	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.7
80°	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8
78.75°	3.3	3.8	4.3	4.7	5.2	5.7	6.1	6.6	7.0	7.5	7.9
77.5°	3.9	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.8
76.25°	4.5	5.1	5.6	6.2	6.8	7.3	7.9	8.3	8.8	9.2	9.7
75°	5.1	5.7	6.3	6.9	7.5	8.1	8.6	9.1	9.6	10.0	10.5
73.75°	5.6	6.3	7.0	7.7	8.3	8.8	9.3	9.8	10.4	10.9	11.4
72.5°	6.2	6.9	7.7	8.3	8.9	9.4	10.0	10.6	11.1	11.7	12.2
71.25°	6.8	7.5	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.5	13.1
70°	7.3	8.1	8.8	9.4	10.1	10.7	11.4	12.0	12.7	13.3	13.9
68.75°	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.4	14.1	14.8
67.5°	8.3	9.1	9.8	10.6	11.3	12.0	12.8	13.5	14.2	14.9	15.6
66.25°	8.8	9.6	10.4	11.1	11.9	12.7	13.4	14.2	14.9	15.7	16.3
65°	9.2	10.0	10.9	11.7	12.5	13.3	14.1	14.9	15.7	16.3	16.9
63.75°	9.7	10.5	11.4	12.2	13.1	13.9	14.8	15.6	16.3	16.9	17.5
62.5°	10.1	11.0	11.9	12.8	13.7	14.5	15.4	16.2	16.9	17.5	18.1
61.25°	10.5	11.4	12.4	13.3	14.2	15.1	16.0	16.7	17.4	18.1	18.7
60°	10.9	11.9	12.9	13.8	14.8	15.8	16.5	17.2	17.9	18.6	19.2
58.75°	11.3	12.3	13.4	14.4	15.4	16.3	17.0	17.7	18.5	19.1	19.6
57.5°	11.7	12.8	13.8	14.9	15.9	16.7	17.5	18.2	19.0	19.5	20.0
56.25°	12.1	13.2	14.3	15.4	16.3	17.1	17.9	18.7	19.3	19.9	20.4
55°	12.5	13.7	14.8	15.9	16.7	17.6	18.4	19.1	19.7	20.2	20.8
53.75°	12.9	14.1	15.2	16.3	17.1	18.0	18.9	19.5	20.0	20.6	21.3
52.5°	13.3	14.5	15.7	16.7	17.5	18.4	19.2	19.8	20.4	20.9	22.0
51.25°	13.7	14.9	16.1	17.0	17.9	18.8	19.5	20.1	20.7	21.5	22.7
50°	14.1	15.3	16.4	17.4	18.3	19.2	19.8	20.4	21.0	22.2	23.4
48.75°	14.4	15.7	16.8	17.7	18.7	19.4	20.1	20.7	21.6	22.9	24.1
47.5°	14.8	16.1	17.1	18.1	19.0	19.7	20.3	21.0	22.3	23.5	24.8
46.25°	15.1	16.4	17.4	18.4	19.3	19.9	20.6	21.6	22.9	24.2	25.7
45°	15.5	16.7	17.7	18.7	19.5	20.2	20.9	22.1	23.5	24.8	26.7
43.75°	15.8	16.9	18.0	19.0	19.7	20.4	21.3	22.7	24.1	25.7	27.7
42.5°	16.1	17.2	18.3	19.2	20.0	20.7	21.8	23.2	24.6	26.6	28.7
41.25°	16.4	17.5	18.6	19.5	20.2	20.9	22.3	23.8	25.3	27.5	29.6
40°	16.6	17.7	18.9	19.7	20.4	21.3	22.8	24.3	26.1	28.3	30.5
38.75°	16.8	18.0	19.1	19.9	20.6	21.8	23.3	24.8	26.9	29.2	31.5
37.5°	17.0	18.2	19.3	20.0	20.8	22.2	23.7	25.4	27.7	30.0	32.5
36.25°	17.3	18.5	19.4	20.2	21.0	22.6	24.2	26.1	28.5	30.8	33.5
35°	17.5	18.7	19.6	20.4	21.4	23.0	24.6	26.8	29.2	31.7	34.5



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	17.7	18.9	19.8	20.6	21.8	23.4	25.1	27.5	30.0	32.6	35.4
32.5°	17.9	19.1	19.9	20.8	22.2	23.8	25.7	28.2	30.7	33.5	36.3
31.25°	18.1	19.2	20.1	20.9	22.5	24.2	26.3	28.8	31.4	34.3	37.2
30°	18.3	19.4	20.2	21.2	22.9	24.6	26.9	29.5	32.2	35.1	38.1
28.75°	18.4	19.5	20.4	21.5	23.2	24.9	27.5	30.0	32.9	35.9	39.0
27.5°	18.6	19.6	20.5	21.8	23.5	25.4	28.0	30.6	33.6	36.6	39.9
26.25°	18.8	19.7	20.6	22.0	23.8	25.9	28.5	31.2	34.3	37.4	40.8
25°	18.9	19.9	20.8	22.3	24.1	26.3	29.0	31.8	34.9	38.1	41.6
23.75°	19.1	20.0	20.9	22.6	24.4	26.8	29.5	32.4	35.6	38.8	42.4
22.5°	19.1	20.1	21.0	22.8	24.6	27.2	30.0	33.0	36.2	39.5	43.2
21.25°	19.2	20.2	21.2	23.0	24.9	27.6	30.4	33.5	36.7	40.2	43.9
20°	19.3	20.3	21.4	23.3	25.2	28.0	30.8	34.0	37.3	40.9	44.6
18.75°	19.4	20.3	21.6	23.5	25.5	28.4	31.2	34.5	37.8	41.5	45.2
17.5°	19.5	20.4	21.8	23.7	25.8	28.7	31.6	34.9	38.3	42.1	45.8
16.25°	19.6	20.5	21.9	23.8	26.1	29.0	32.0	35.4	38.8	42.6	46.4
15°	19.6	20.6	22.1	24.0	26.4	29.3	32.4	35.7	39.3	43.1	46.9
13.75°	19.7	20.6	22.2	24.2	26.7	29.6	32.7	36.1	39.7	43.6	47.4
12.5°	19.7	20.7	22.4	24.3	26.9	29.8	33.0	36.4	40.1	44.0	47.9
11.25°	19.8	20.8	22.5	24.4	27.1	30.0	33.3	36.7	40.5	44.4	48.3
10°	19.8	20.8	22.6	24.6	27.3	30.2	33.6	37.0	40.8	44.7	48.6
8.75°	19.9	20.9	22.7	24.7	27.5	30.4	33.8	37.2	41.1	45.0	48.9
7.5°	19.9	20.9	22.8	24.8	27.6	30.6	34.0	37.4	41.3	45.3	49.2
6.25°	19.9	20.9	22.8	24.8	27.7	30.7	34.1	37.6	41.5	45.5	49.5
5°	20.0	21.0	22.9	24.9	27.8	30.8	34.3	37.7	41.7	45.7	49.7
3.75°	20.0	21.0	22.9	24.9	27.9	30.9	34.4	37.9	41.8	45.8	49.8
2.5°	20.0	21.0	23.0	25.0	28.0	31.0	34.4	37.9	41.9	45.9	49.9
1.25°	20.0	21.0	23.0	25.0	28.0	31.0	34.5	38.0	42.0	46.0	50.0
0°	20.0	21.0	23.0	25.0	28.0	31.0	34.5	38.0	42.0	46.0	50.0
-1.25°	20.0	21.0	23.0	25.0	28.0	31.0	34.5	38.0	42.0	46.0	50.0
-2.5°	20.0	21.0	23.0	25.0	28.0	31.0	34.4	37.9	41.9	45.9	49.9
-3.75°	20.0	21.0	22.9	24.9	27.9	30.9	34.4	37.9	41.8	45.8	49.8
-5°	20.0	21.0	22.9	24.9	27.8	30.8	34.3	37.7	41.7	45.7	49.7
-6.25°	19.9	20.9	22.8	24.8	27.7	30.7	34.1	37.6	41.5	45.5	49.5
-7.5°	19.9	20.9	22.8	24.8	27.6	30.6	34.0	37.4	41.3	45.3	49.2
-8.75°	19.9	20.9	22.7	24.7	27.5	30.4	33.8	37.2	41.1	45.0	48.9
-10°	19.8	20.8	22.6	24.6	27.3	30.2	33.6	37.0	40.8	44.7	48.6
-11.25°	19.8	20.8	22.5	24.4	27.1	30.0	33.3	36.7	40.5	44.4	48.3
-12.5°	19.7	20.7	22.4	24.3	26.9	29.8	33.0	36.4	40.1	44.0	47.9
-13.75°	19.7	20.6	22.2	24.2	26.7	29.6	32.7	36.1	39.7	43.6	47.4
-15°	19.6	20.6	22.1	24.0	26.4	29.3	32.4	35.7	39.3	43.1	46.9
-16.25°	19.6	20.5	21.9	23.8	26.1	29.0	32.0	35.4	38.8	42.6	46.4
-17.5°	19.5	20.4	21.8	23.7	25.8	28.7	31.6	34.9	38.3	42.1	45.8
-18.75°	19.4	20.3	21.6	23.5	25.5	28.4	31.2	34.5	37.8	41.5	45.2
-20°	19.3	20.3	21.4	23.3	25.2	28.0	30.8	34.0	37.3	40.9	44.6
-21.25°	19.2	20.2	21.2	23.0	24.9	27.6	30.4	33.5	36.7	40.2	43.9



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	19.1	20.1	21.0	22.8	24.6	27.2	30.0	33.0	36.2	39.5	43.2
-23.75°	19.1	20.0	20.9	22.6	24.4	26.8	29.5	32.4	35.6	38.8	42.4
-25°	18.9	19.9	20.8	22.3	24.1	26.3	29.0	31.8	34.9	38.1	41.6
-26.25°	18.8	19.7	20.6	22.0	23.8	25.9	28.5	31.2	34.3	37.4	40.8
-27.5°	18.6	19.6	20.5	21.8	23.5	25.4	28.0	30.6	33.6	36.6	39.9
-28.75°	18.4	19.5	20.4	21.5	23.2	24.9	27.5	30.0	32.9	35.9	39.0
-30°	18.3	19.4	20.2	21.2	22.9	24.6	26.9	29.5	32.2	35.1	38.1
-31.25°	18.1	19.2	20.1	20.9	22.5	24.2	26.3	28.8	31.4	34.3	37.2
-32.5°	17.9	19.1	19.9	20.8	22.2	23.8	25.7	28.2	30.7	33.5	36.3
-33.75°	17.7	18.9	19.8	20.6	21.8	23.4	25.1	27.5	30.0	32.6	35.4
-35°	17.5	18.7	19.6	20.4	21.4	23.0	24.6	26.8	29.2	31.7	34.5
-36.25°	17.3	18.5	19.4	20.2	21.0	22.6	24.2	26.1	28.5	30.8	33.5
-37.5°	17.0	18.2	19.3	20.0	20.8	22.2	23.7	25.4	27.7	30.0	32.5
-38.75°	16.8	18.0	19.1	19.9	20.6	21.8	23.3	24.8	26.9	29.2	31.5
-40°	16.6	17.7	18.9	19.7	20.4	21.3	22.8	24.3	26.1	28.3	30.5
-41.25°	16.4	17.5	18.6	19.5	20.2	20.9	22.3	23.8	25.3	27.5	29.6
-42.5°	16.1	17.2	18.3	19.2	20.0	20.7	21.8	23.2	24.6	26.6	28.7
-43.75°	15.8	16.9	18.0	19.0	19.7	20.4	21.3	22.7	24.1	25.7	27.7
-45°	15.5	16.7	17.7	18.7	19.5	20.2	20.9	22.1	23.5	24.8	26.7
-46.25°	15.1	16.4	17.4	18.4	19.3	19.9	20.6	21.6	22.9	24.2	25.7
-47.5°	14.8	16.1	17.1	18.1	19.0	19.7	20.3	21.0	22.3	23.5	24.8
-48.75°	14.4	15.7	16.8	17.7	18.7	19.4	20.1	20.7	21.6	22.9	24.1
-50°	14.1	15.3	16.4	17.4	18.3	19.2	19.8	20.4	21.0	22.2	23.4
-51.25°	13.7	14.9	16.1	17.0	17.9	18.8	19.5	20.1	20.7	21.5	22.7
-52.5°	13.3	14.5	15.7	16.7	17.5	18.4	19.2	19.8	20.4	20.9	22.0
-53.75°	12.9	14.1	15.2	16.3	17.1	18.0	18.9	19.5	20.0	20.6	21.3
-55°	12.5	13.7	14.8	15.9	16.7	17.6	18.4	19.1	19.7	20.2	20.8
-56.25°	12.1	13.2	14.3	15.4	16.3	17.1	17.9	18.7	19.3	19.9	20.4
-57.5°	11.7	12.8	13.8	14.9	15.9	16.7	17.5	18.2	19.0	19.5	20.0
-58.75°	11.3	12.3	13.4	14.4	15.4	16.3	17.0	17.7	18.5	19.1	19.6
-60°	10.9	11.9	12.9	13.8	14.8	15.8	16.5	17.2	17.9	18.6	19.2
-61.25°	10.5	11.4	12.4	13.3	14.2	15.1	16.0	16.7	17.4	18.1	18.7
-62.5°	10.1	11.0	11.9	12.8	13.7	14.5	15.4	16.2	16.9	17.5	18.1
-63.75°	9.7	10.5	11.4	12.2	13.1	13.9	14.8	15.6	16.3	16.9	17.5
-65°	9.2	10.0	10.9	11.7	12.5	13.3	14.1	14.9	15.7	16.3	16.9
-66.25°	8.8	9.6	10.4	11.1	11.9	12.7	13.4	14.2	14.9	15.7	16.3
-67.5°	8.3	9.1	9.8	10.6	11.3	12.0	12.8	13.5	14.2	14.9	15.6
-68.75°	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.4	14.1	14.8
-70°	7.3	8.1	8.8	9.4	10.1	10.7	11.4	12.0	12.7	13.3	13.9
-71.25°	6.8	7.5	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.5	13.1
-72.5°	6.2	6.9	7.7	8.3	8.9	9.4	10.0	10.6	11.1	11.7	12.2
-73.75°	5.6	6.3	7.0	7.7	8.3	8.8	9.3	9.8	10.4	10.9	11.4
-75°	5.1	5.7	6.3	6.9	7.5	8.1	8.6	9.1	9.6	10.0	10.5
-76.25°	4.5	5.1	5.6	6.2	6.8	7.3	7.9	8.3	8.8	9.2	9.7
-77.5°	3.9	4.4	4.9	5.5	6.0	6.5	7.0	7.5	8.0	8.4	8.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	3.3	3.8	4.3	4.7	5.2	5.7	6.1	6.6	7.0	7.5	7.9
-80°	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8
-81.25°	2.5	2.7	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.7
-82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.4	3.7	4.0	4.3	4.6
-83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.3	3.5
-85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
-86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
85°	2.8	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.3	4.4
83.75°	3.8	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0
82.5°	4.9	5.2	5.5	5.8	6.0	6.3	6.6	6.9	7.1	7.4	7.6
81.25°	6.1	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.5	8.7	9.0
80°	7.2	7.6	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	12.5	12.8
76.25°	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1
75°	11.0	11.4	11.9	12.3	12.8	13.2	13.7	14.1	14.5	14.9	15.3
73.75°	11.9	12.4	12.9	13.4	13.8	14.3	14.8	15.2	15.7	16.1	16.4
72.5°	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.3	16.7	17.0	17.4
71.25°	13.7	14.2	14.8	15.4	15.9	16.3	16.7	17.1	17.5	17.9	18.3
70°	14.5	15.1	15.8	16.3	16.7	17.1	17.6	18.0	18.4	18.8	19.2
68.75°	15.4	16.0	16.5	17.0	17.5	17.9	18.4	18.9	19.2	19.5	19.8
67.5°	16.2	16.7	17.2	17.7	18.2	18.7	19.1	19.5	19.8	20.1	20.4
66.25°	16.9	17.4	17.9	18.5	19.0	19.3	19.7	20.0	20.4	20.7	21.0
65°	17.5	18.1	18.6	19.1	19.5	19.9	20.2	20.6	20.9	21.5	22.2
63.75°	18.1	18.7	19.2	19.6	20.0	20.4	20.8	21.3	22.0	22.7	23.4
62.5°	18.8	19.3	19.7	20.1	20.5	20.9	21.6	22.4	23.1	23.9	24.6
61.25°	19.3	19.7	20.1	20.6	21.0	21.8	22.6	23.4	24.2	25.1	26.2
60°	19.7	20.1	20.6	21.1	21.9	22.8	23.7	24.5	25.5	26.8	28.0
58.75°	20.1	20.6	21.1	22.0	22.9	23.8	24.7	25.9	27.2	28.5	29.7
57.5°	20.5	21.0	21.9	22.9	23.8	24.8	26.1	27.5	28.8	30.2	31.6
56.25°	20.9	21.8	22.8	23.8	24.8	26.1	27.6	29.0	30.4	32.0	33.6
55°	21.6	22.6	23.7	24.7	26.1	27.6	29.1	30.6	32.2	33.9	35.6
53.75°	22.4	23.4	24.5	25.9	27.5	29.0	30.6	32.3	34.1	35.8	37.5
52.5°	23.1	24.2	25.5	27.2	28.8	30.4	32.2	34.1	35.9	37.7	39.7
51.25°	23.9	25.1	26.8	28.5	30.2	32.0	33.9	35.8	37.7	39.8	41.9
50°	24.6	26.2	28.0	29.7	31.6	33.6	35.6	37.5	39.7	41.9	44.1
48.75°	25.5	27.4	29.2	31.0	33.1	35.2	37.2	39.4	41.7	44.0	46.2
47.5°	26.6	28.5	30.4	32.4	34.6	36.7	39.0	41.3	43.7	46.1	48.4
46.25°	27.7	29.6	31.6	33.9	36.1	38.3	40.8	43.2	45.7	48.1	50.5
45°	28.7	30.7	33.0	35.3	37.5	40.0	42.6	45.1	47.6	50.1	52.5
43.75°	29.8	31.9	34.3	36.6	39.1	41.7	44.3	46.9	49.5	52.0	54.3
42.5°	30.8	33.2	35.6	38.0	40.7	43.4	46.1	48.7	51.3	53.9	55.6
41.25°	31.9	34.4	36.8	39.5	42.2	45.0	47.7	50.5	53.2	55.1	56.8
40°	33.0	35.5	38.1	40.9	43.8	46.6	49.4	52.2	54.6	56.3	58.0
38.75°	34.1	36.7	39.4	42.4	45.3	48.2	51.0	53.9	55.7	57.4	59.2
37.5°	35.2	37.8	40.8	43.8	46.7	49.7	52.6	55.0	56.8	58.5	60.6
36.25°	36.2	39.0	42.1	45.1	48.2	51.2	54.1	56.0	57.8	59.8	61.9
35°	37.2	40.3	43.4	46.5	49.6	52.6	55.0	56.9	58.8	61.0	63.3



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	38.2	41.4	44.6	47.8	50.9	54.0	56.0	57.9	60.0	62.3	64.5
32.5°	39.3	42.6	45.8	49.0	52.2	54.9	56.9	58.8	61.1	63.5	65.3
31.25°	40.4	43.7	47.0	50.2	53.5	55.7	57.7	59.9	62.3	64.6	65.7
30°	41.4	44.8	48.1	51.4	54.5	56.5	58.6	60.9	63.4	65.3	66.1
28.75°	42.4	45.8	49.2	52.6	55.2	57.3	59.5	61.9	64.4	65.6	66.4
27.5°	43.4	46.8	50.2	53.7	55.9	58.0	60.4	62.9	65.1	66.0	66.8
26.25°	44.3	47.8	51.3	54.5	56.6	58.8	61.3	63.9	65.5	66.3	67.0
25°	45.2	48.7	52.2	55.1	57.3	59.6	62.2	64.8	65.8	66.6	67.0
23.75°	46.0	49.6	53.2	55.7	57.9	60.4	63.0	65.2	66.1	67.0	67.0
22.5°	46.8	50.4	54.0	56.3	58.5	61.1	63.8	65.5	66.4	67.0	67.0
21.25°	47.6	51.2	54.6	56.8	59.1	61.8	64.6	65.8	66.7	67.0	67.0
20°	48.3	52.0	55.0	57.4	59.8	62.5	65.1	66.0	66.9	67.0	67.0
18.75°	49.0	52.7	55.5	57.8	60.4	63.2	65.3	66.2	67.0	67.0	67.0
17.5°	49.6	53.4	56.0	58.3	61.0	63.8	65.5	66.5	67.0	67.0	67.0
16.25°	50.2	54.0	56.4	58.7	61.5	64.4	65.7	66.7	67.0	67.0	67.0
15°	50.8	54.4	56.8	59.2	62.0	64.9	65.9	66.9	67.0	67.0	67.0
13.75°	51.3	54.7	57.1	59.6	62.5	65.1	66.1	67.0	67.0	67.0	67.0
12.5°	51.7	55.0	57.4	60.0	62.9	65.3	66.2	67.0	67.0	67.0	67.0
11.25°	52.2	55.3	57.7	60.4	63.3	65.4	66.4	67.0	67.0	67.0	67.0
10°	52.6	55.5	58.0	60.7	63.7	65.5	66.5	67.0	67.0	67.0	67.0
8.75°	52.9	55.8	58.2	61.0	64.0	65.6	66.6	67.0	67.0	67.0	67.0
7.5°	53.2	56.0	58.4	61.3	64.3	65.7	66.7	67.0	67.0	67.0	67.0
6.25°	53.4	56.1	58.6	61.5	64.5	65.8	66.8	67.0	67.0	67.0	67.0
5°	53.6	56.3	58.7	61.7	64.7	65.9	66.9	67.0	67.0	67.0	67.0
3.75°	53.8	56.4	58.9	61.8	64.8	65.9	66.9	67.0	67.0	67.0	67.0
2.5°	53.9	56.4	58.9	61.9	64.9	66.0	67.0	67.0	67.0	67.0	67.0
1.25°	54.0	56.5	59.0	62.0	65.0	66.0	67.0	67.0	67.0	67.0	67.0
0°	54.0	56.5	59.0	62.0	65.0	66.0	67.0	67.0	67.0	67.0	67.0
-1.25°	54.0	56.5	59.0	62.0	65.0	66.0	67.0	67.0	67.0	67.0	67.0
-2.5°	53.9	56.4	58.9	61.9	64.9	66.0	67.0	67.0	67.0	67.0	67.0
-3.75°	53.8	56.4	58.9	61.8	64.8	65.9	66.9	67.0	67.0	67.0	67.0
-5°	53.6	56.3	58.7	61.7	64.7	65.9	66.9	67.0	67.0	67.0	67.0
-6.25°	53.4	56.1	58.6	61.5	64.5	65.8	66.8	67.0	67.0	67.0	67.0
-7.5°	53.2	56.0	58.4	61.3	64.3	65.7	66.7	67.0	67.0	67.0	67.0
-8.75°	52.9	55.8	58.2	61.0	64.0	65.6	66.6	67.0	67.0	67.0	67.0
-10°	52.6	55.5	58.0	60.7	63.7	65.5	66.5	67.0	67.0	67.0	67.0
-11.25°	52.2	55.3	57.7	60.4	63.3	65.4	66.4	67.0	67.0	67.0	67.0
-12.5°	51.7	55.0	57.4	60.0	62.9	65.3	66.2	67.0	67.0	67.0	67.0
-13.75°	51.3	54.7	57.1	59.6	62.5	65.1	66.1	67.0	67.0	67.0	67.0
-15°	50.8	54.4	56.8	59.2	62.0	64.9	65.9	66.9	67.0	67.0	67.0
-16.25°	50.2	54.0	56.4	58.7	61.5	64.4	65.7	66.7	67.0	67.0	67.0
-17.5°	49.6	53.4	56.0	58.3	61.0	63.8	65.5	66.5	67.0	67.0	67.0
-18.75°	49.0	52.7	55.5	57.8	60.4	63.2	65.3	66.2	67.0	67.0	67.0
-20°	48.3	52.0	55.0	57.4	59.8	62.5	65.1	66.0	66.9	67.0	67.0
-21.25°	47.6	51.2	54.6	56.8	59.1	61.8	64.6	65.8	66.7	67.0	67.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	46.8	50.4	54.0	56.3	58.5	61.1	63.8	65.5	66.4	67.0	67.0
-23.75°	46.0	49.6	53.2	55.7	57.9	60.4	63.0	65.2	66.1	67.0	67.0
-25°	45.2	48.7	52.2	55.1	57.3	59.6	62.2	64.8	65.8	66.6	67.0
-26.25°	44.3	47.8	51.3	54.5	56.6	58.8	61.3	63.9	65.5	66.3	67.0
-27.5°	43.4	46.8	50.2	53.7	55.9	58.0	60.4	62.9	65.1	66.0	66.8
-28.75°	42.4	45.8	49.2	52.6	55.2	57.3	59.5	61.9	64.4	65.6	66.4
-30°	41.4	44.8	48.1	51.4	54.5	56.5	58.6	60.9	63.4	65.3	66.1
-31.25°	40.4	43.7	47.0	50.2	53.5	55.7	57.7	59.9	62.3	64.6	65.7
-32.5°	39.3	42.6	45.8	49.0	52.2	54.9	56.9	58.8	61.1	63.5	65.3
-33.75°	38.2	41.4	44.6	47.8	50.9	54.0	56.0	57.9	60.0	62.3	64.5
-35°	37.2	40.3	43.4	46.5	49.6	52.6	55.0	56.9	58.8	61.0	63.3
-36.25°	36.2	39.0	42.1	45.1	48.2	51.2	54.1	56.0	57.8	59.8	61.9
-37.5°	35.2	37.8	40.8	43.8	46.7	49.7	52.6	55.0	56.8	58.5	60.6
-38.75°	34.1	36.7	39.4	42.4	45.3	48.2	51.0	53.9	55.7	57.4	59.2
-40°	33.0	35.5	38.1	40.9	43.8	46.6	49.4	52.2	54.6	56.3	58.0
-41.25°	31.9	34.4	36.8	39.5	42.2	45.0	47.7	50.5	53.2	55.1	56.8
-42.5°	30.8	33.2	35.6	38.0	40.7	43.4	46.1	48.7	51.3	53.9	55.6
-43.75°	29.8	31.9	34.3	36.6	39.1	41.7	44.3	46.9	49.5	52.0	54.3
-45°	28.7	30.7	33.0	35.3	37.5	40.0	42.6	45.1	47.6	50.1	52.5
-46.25°	27.7	29.6	31.6	33.9	36.1	38.3	40.8	43.2	45.7	48.1	50.5
-47.5°	26.6	28.5	30.4	32.4	34.6	36.7	39.0	41.3	43.7	46.1	48.4
-48.75°	25.5	27.4	29.2	31.0	33.1	35.2	37.2	39.4	41.7	44.0	46.2
-50°	24.6	26.2	28.0	29.7	31.6	33.6	35.6	37.5	39.7	41.9	44.1
-51.25°	23.9	25.1	26.8	28.5	30.2	32.0	33.9	35.8	37.7	39.8	41.9
-52.5°	23.1	24.2	25.5	27.2	28.8	30.4	32.2	34.1	35.9	37.7	39.7
-53.75°	22.4	23.4	24.5	25.9	27.5	29.0	30.6	32.3	34.1	35.8	37.5
-55°	21.6	22.6	23.7	24.7	26.1	27.6	29.1	30.6	32.2	33.9	35.6
-56.25°	20.9	21.8	22.8	23.8	24.8	26.1	27.6	29.0	30.4	32.0	33.6
-57.5°	20.5	21.0	21.9	22.9	23.8	24.8	26.1	27.5	28.8	30.2	31.6
-58.75°	20.1	20.6	21.1	22.0	22.9	23.8	24.7	25.9	27.2	28.5	29.7
-60°	19.7	20.1	20.6	21.1	21.9	22.8	23.7	24.5	25.5	26.8	28.0
-61.25°	19.3	19.7	20.1	20.6	21.0	21.8	22.6	23.4	24.2	25.1	26.2
-62.5°	18.8	19.3	19.7	20.1	20.5	20.9	21.6	22.4	23.1	23.9	24.6
-63.75°	18.1	18.7	19.2	19.6	20.0	20.4	20.8	21.3	22.0	22.7	23.4
-65°	17.5	18.1	18.6	19.1	19.5	19.9	20.2	20.6	20.9	21.5	22.2
-66.25°	16.9	17.4	17.9	18.5	19.0	19.3	19.7	20.0	20.4	20.7	21.0
-67.5°	16.2	16.7	17.2	17.7	18.2	18.7	19.1	19.5	19.8	20.1	20.4
-68.75°	15.4	16.0	16.5	17.0	17.5	17.9	18.4	18.9	19.2	19.5	19.8
-70°	14.5	15.1	15.8	16.3	16.7	17.1	17.6	18.0	18.4	18.8	19.2
-71.25°	13.7	14.2	14.8	15.4	15.9	16.3	16.7	17.1	17.5	17.9	18.3
-72.5°	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.3	16.7	17.0	17.4
-73.75°	11.9	12.4	12.9	13.4	13.8	14.3	14.8	15.2	15.7	16.1	16.4
-75°	11.0	11.4	11.9	12.3	12.8	13.2	13.7	14.1	14.5	14.9	15.3
-76.25°	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1
-77.5°	9.2	9.6	9.9	10.3	10.7	11.1	11.4	11.8	12.1	12.5	12.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	7.2	7.6	8.0	8.3	8.6	8.9	9.1	9.4	9.7	10.0	10.3
-81.25°	6.1	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.5	8.7	9.0
-82.5°	4.9	5.2	5.5	5.8	6.0	6.3	6.6	6.9	7.1	7.4	7.6
-83.75°	3.8	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0
-85°	2.8	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.3	4.4
-86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-88.75°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
86.25°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
85°	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.1
83.75°	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.7	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	12.2	12.5	12.7	12.9
78.75°	11.8	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0	14.2	14.5
77.5°	13.1	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.5	15.8	16.1
76.25°	14.4	14.8	15.1	15.5	15.8	16.1	16.4	16.6	16.8	17.0	17.3
75°	15.7	16.1	16.4	16.7	16.9	17.2	17.5	17.7	18.0	18.2	18.5
73.75°	16.8	17.1	17.4	17.7	18.0	18.3	18.6	18.9	19.1	19.3	19.4
72.5°	17.7	18.1	18.4	18.7	19.0	19.2	19.5	19.7	19.9	20.0	20.2
71.25°	18.7	19.0	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.0
70°	19.4	19.7	19.9	20.2	20.4	20.7	20.9	21.3	21.8	22.2	22.6
68.75°	20.1	20.3	20.6	20.9	21.3	21.8	22.3	22.8	23.3	23.7	24.2
67.5°	20.7	21.0	21.6	22.1	22.7	23.2	23.8	24.3	24.8	25.4	26.1
66.25°	21.6	22.3	22.9	23.5	24.1	24.6	25.3	26.1	26.9	27.7	28.5
65°	22.9	23.5	24.2	24.8	25.7	26.6	27.5	28.3	29.2	30.0	30.8
63.75°	24.1	24.8	25.7	26.7	27.7	28.7	29.6	30.5	31.5	32.5	33.5
62.5°	25.5	26.6	27.7	28.7	29.8	30.8	31.9	33.0	34.1	35.2	36.2
61.25°	27.4	28.5	29.6	30.7	31.9	33.2	34.4	35.5	36.7	37.8	39.0
60°	29.2	30.4	31.6	33.0	34.3	35.6	36.8	38.1	39.4	40.8	42.1
58.75°	31.0	32.4	33.9	35.3	36.6	38.0	39.5	40.9	42.4	43.8	45.1
57.5°	33.1	34.6	36.1	37.5	39.1	40.7	42.2	43.8	45.3	46.7	48.2
56.25°	35.2	36.7	38.3	40.0	41.7	43.4	45.0	46.6	48.2	49.7	51.2
55°	37.2	39.0	40.8	42.6	44.3	46.1	47.7	49.4	51.0	52.6	54.1
53.75°	39.4	41.3	43.2	45.1	46.9	48.7	50.5	52.2	53.9	55.0	56.0
52.5°	41.7	43.7	45.7	47.6	49.5	51.3	53.2	54.6	55.7	56.8	57.8
51.25°	44.0	46.1	48.1	50.1	52.0	53.9	55.1	56.3	57.4	58.5	59.8
50°	46.2	48.4	50.5	52.5	54.3	55.6	56.8	58.0	59.2	60.6	61.9
48.75°	48.5	50.6	52.8	54.6	55.9	57.2	58.4	59.8	61.3	62.7	64.1
47.5°	50.6	52.9	54.7	56.1	57.4	58.7	60.3	61.8	63.3	64.8	65.4
46.25°	52.8	54.7	56.1	57.5	58.9	60.6	62.2	63.8	65.1	65.6	66.1
45°	54.6	56.1	57.5	59.0	60.7	62.4	64.1	65.2	65.8	66.3	66.8
43.75°	55.9	57.4	58.9	60.7	62.5	64.2	65.3	65.9	66.4	67.0	67.0
42.5°	57.2	58.7	60.6	62.4	64.2	65.3	65.9	66.5	67.0	67.0	67.0
41.25°	58.4	60.3	62.2	64.1	65.3	65.9	66.5	67.0	67.0	67.0	67.0
40°	59.8	61.8	63.8	65.2	65.9	66.5	67.0	67.0	67.0	67.0	67.0
38.75°	61.3	63.3	65.1	65.8	66.4	67.0	67.0	67.0	67.0	67.0	67.0
37.5°	62.7	64.8	65.6	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0
36.25°	64.1	65.4	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.5
35°	65.2	65.9	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.4	68.1



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	65.6	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.3	68.0	68.7
32.5°	66.0	66.8	67.0	67.0	67.0	67.0	67.0	67.2	67.9	68.6	69.4
31.25°	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.7	68.5	69.2	70.3
30°	66.9	67.0	67.0	67.0	67.0	67.0	67.5	68.2	69.0	70.1	71.2
28.75°	67.0	67.0	67.0	67.0	67.0	67.2	68.0	68.8	69.8	70.9	72.0
27.5°	67.0	67.0	67.0	67.0	67.0	67.7	68.5	69.4	70.5	71.7	72.8
26.25°	67.0	67.0	67.0	67.0	67.3	68.1	68.9	70.1	71.3	72.4	73.6
25°	67.0	67.0	67.0	67.0	67.7	68.5	69.5	70.8	72.0	73.2	74.4
23.75°	67.0	67.0	67.0	67.3	68.1	69.0	70.2	71.4	72.7	73.9	75.1
22.5°	67.0	67.0	67.0	67.6	68.5	69.5	70.8	72.1	73.3	74.6	75.8
21.25°	67.0	67.0	67.1	68.0	68.9	70.1	71.4	72.7	73.9	75.2	76.5
20°	67.0	67.0	67.4	68.3	69.3	70.6	71.9	73.3	74.6	75.8	77.1
18.75°	67.0	67.0	67.7	68.6	69.8	71.1	72.5	73.8	75.1	76.4	77.7
17.5°	67.0	67.1	68.0	68.9	70.3	71.6	73.0	74.3	75.7	77.0	78.3
16.25°	67.0	67.3	68.3	69.3	70.7	72.1	73.4	74.8	76.2	77.5	78.9
15°	67.0	67.6	68.5	69.7	71.1	72.5	73.9	75.3	76.7	78.0	79.4
13.75°	67.0	67.8	68.8	70.1	71.5	72.9	74.3	75.7	77.1	78.5	79.9
12.5°	67.1	68.0	69.0	70.4	71.8	73.2	74.7	76.1	77.5	78.9	80.3
11.25°	67.2	68.2	69.2	70.7	72.1	73.6	75.0	76.4	77.9	79.3	80.7
10°	67.4	68.4	69.5	71.0	72.4	73.9	75.3	76.8	78.2	79.7	81.2
8.75°	67.5	68.5	69.7	71.2	72.7	74.1	75.6	77.1	78.5	80.0	81.8
7.5°	67.7	68.6	69.9	71.4	72.9	74.4	75.8	77.3	78.8	80.2	82.4
6.25°	67.8	68.8	70.1	71.6	73.1	74.6	76.0	77.5	79.0	80.5	82.9
5°	67.8	68.8	70.2	71.7	73.2	74.7	76.2	77.7	79.2	80.7	83.3
3.75°	67.9	68.9	70.4	71.9	73.3	74.8	76.3	77.8	79.3	80.8	83.6
2.5°	68.0	69.0	70.4	71.9	73.4	74.9	76.4	77.9	79.4	80.9	83.8
1.25°	68.0	69.0	70.5	72.0	73.5	75.0	76.5	78.0	79.5	81.0	84.0
0°	68.0	69.0	70.5	72.0	73.5	75.0	76.5	78.0	79.5	81.0	84.0
-1.25°	68.0	69.0	70.5	72.0	73.5	75.0	76.5	78.0	79.5	81.0	84.0
-2.5°	68.0	69.0	70.4	71.9	73.4	74.9	76.4	77.9	79.4	80.9	83.8
-3.75°	67.9	68.9	70.4	71.9	73.3	74.8	76.3	77.8	79.3	80.8	83.6
-5°	67.8	68.8	70.2	71.7	73.2	74.7	76.2	77.7	79.2	80.7	83.3
-6.25°	67.8	68.8	70.1	71.6	73.1	74.6	76.0	77.5	79.0	80.5	82.9
-7.5°	67.7	68.6	69.9	71.4	72.9	74.4	75.8	77.3	78.8	80.2	82.4
-8.75°	67.5	68.5	69.7	71.2	72.7	74.1	75.6	77.1	78.5	80.0	81.8
-10°	67.4	68.4	69.5	71.0	72.4	73.9	75.3	76.8	78.2	79.7	81.2
-11.25°	67.2	68.2	69.2	70.7	72.1	73.6	75.0	76.4	77.9	79.3	80.7
-12.5°	67.1	68.0	69.0	70.4	71.8	73.2	74.7	76.1	77.5	78.9	80.3
-13.75°	67.0	67.8	68.8	70.1	71.5	72.9	74.3	75.7	77.1	78.5	79.9
-15°	67.0	67.6	68.5	69.7	71.1	72.5	73.9	75.3	76.7	78.0	79.4
-16.25°	67.0	67.3	68.3	69.3	70.7	72.1	73.4	74.8	76.2	77.5	78.9
-17.5°	67.0	67.1	68.0	68.9	70.3	71.6	73.0	74.3	75.7	77.0	78.3
-18.75°	67.0	67.0	67.7	68.6	69.8	71.1	72.5	73.8	75.1	76.4	77.7
-20°	67.0	67.0	67.4	68.3	69.3	70.6	71.9	73.3	74.6	75.8	77.1
-21.25°	67.0	67.0	67.1	68.0	68.9	70.1	71.4	72.7	73.9	75.2	76.5



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	67.0	67.0	67.0	67.6	68.5	69.5	70.8	72.1	73.3	74.6	75.8
-23.75°	67.0	67.0	67.0	67.3	68.1	69.0	70.2	71.4	72.7	73.9	75.1
-25°	67.0	67.0	67.0	67.0	67.7	68.5	69.5	70.8	72.0	73.2	74.4
-26.25°	67.0	67.0	67.0	67.0	67.3	68.1	68.9	70.1	71.3	72.4	73.6
-27.5°	67.0	67.0	67.0	67.0	67.0	67.7	68.5	69.4	70.5	71.7	72.8
-28.75°	67.0	67.0	67.0	67.0	67.0	67.2	68.0	68.8	69.8	70.9	72.0
-30°	66.9	67.0	67.0	67.0	67.0	67.0	67.5	68.2	69.0	70.1	71.2
-31.25°	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.7	68.5	69.2	70.3
-32.5°	66.0	66.8	67.0	67.0	67.0	67.0	67.0	67.2	67.9	68.6	69.4
-33.75°	65.6	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.3	68.0	68.7
-35°	65.2	65.9	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.4	68.1
-36.25°	64.1	65.4	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.5
-37.5°	62.7	64.8	65.6	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-38.75°	61.3	63.3	65.1	65.8	66.4	67.0	67.0	67.0	67.0	67.0	67.0
-40°	59.8	61.8	63.8	65.2	65.9	66.5	67.0	67.0	67.0	67.0	67.0
-41.25°	58.4	60.3	62.2	64.1	65.3	65.9	66.5	67.0	67.0	67.0	67.0
-42.5°	57.2	58.7	60.6	62.4	64.2	65.3	65.9	66.5	67.0	67.0	67.0
-43.75°	55.9	57.4	58.9	60.7	62.5	64.2	65.3	65.9	66.4	67.0	67.0
-45°	54.6	56.1	57.5	59.0	60.7	62.4	64.1	65.2	65.8	66.3	66.8
-46.25°	52.8	54.7	56.1	57.5	58.9	60.6	62.2	63.8	65.1	65.6	66.1
-47.5°	50.6	52.9	54.7	56.1	57.4	58.7	60.3	61.8	63.3	64.8	65.4
-48.75°	48.5	50.6	52.8	54.6	55.9	57.2	58.4	59.8	61.3	62.7	64.1
-50°	46.2	48.4	50.5	52.5	54.3	55.6	56.8	58.0	59.2	60.6	61.9
-51.25°	44.0	46.1	48.1	50.1	52.0	53.9	55.1	56.3	57.4	58.5	59.8
-52.5°	41.7	43.7	45.7	47.6	49.5	51.3	53.2	54.6	55.7	56.8	57.8
-53.75°	39.4	41.3	43.2	45.1	46.9	48.7	50.5	52.2	53.9	55.0	56.0
-55°	37.2	39.0	40.8	42.6	44.3	46.1	47.7	49.4	51.0	52.6	54.1
-56.25°	35.2	36.7	38.3	40.0	41.7	43.4	45.0	46.6	48.2	49.7	51.2
-57.5°	33.1	34.6	36.1	37.5	39.1	40.7	42.2	43.8	45.3	46.7	48.2
-58.75°	31.0	32.4	33.9	35.3	36.6	38.0	39.5	40.9	42.4	43.8	45.1
-60°	29.2	30.4	31.6	33.0	34.3	35.6	36.8	38.1	39.4	40.8	42.1
-61.25°	27.4	28.5	29.6	30.7	31.9	33.2	34.4	35.5	36.7	37.8	39.0
-62.5°	25.5	26.6	27.7	28.7	29.8	30.8	31.9	33.0	34.1	35.2	36.2
-63.75°	24.1	24.8	25.7	26.7	27.7	28.7	29.6	30.5	31.5	32.5	33.5
-65°	22.9	23.5	24.2	24.8	25.7	26.6	27.5	28.3	29.2	30.0	30.8
-66.25°	21.6	22.3	22.9	23.5	24.1	24.6	25.3	26.1	26.9	27.7	28.5
-67.5°	20.7	21.0	21.6	22.1	22.7	23.2	23.8	24.3	24.8	25.4	26.1
-68.75°	20.1	20.3	20.6	20.9	21.3	21.8	22.3	22.8	23.3	23.7	24.2
-70°	19.4	19.7	19.9	20.2	20.4	20.7	20.9	21.3	21.8	22.2	22.6
-71.25°	18.7	19.0	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.8	21.0
-72.5°	17.7	18.1	18.4	18.7	19.0	19.2	19.5	19.7	19.9	20.0	20.2
-73.75°	16.8	17.1	17.4	17.7	18.0	18.3	18.6	18.9	19.1	19.3	19.4
-75°	15.7	16.1	16.4	16.7	16.9	17.2	17.5	17.7	18.0	18.2	18.5
-76.25°	14.4	14.8	15.1	15.5	15.8	16.1	16.4	16.6	16.8	17.0	17.3
-77.5°	13.1	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.5	15.8	16.1



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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	12.4	12.7	13.0	13.2	13.5	13.8	14.0	14.2	14.5
-80°	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.2	12.5	12.7	12.9
-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°	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1
-85°	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.1
-86.25°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-88.75°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
86.25°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9
85°	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.2
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	12.4	12.5	12.7	12.8	12.9
80°	13.1	13.3	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.8
78.75°	14.7	14.9	15.2	15.4	15.6	15.8	15.9	16.1	16.2	16.3	16.5
77.5°	16.3	16.4	16.6	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.8
76.25°	17.5	17.7	17.9	18.1	18.3	18.4	18.6	18.8	18.9	19.1	19.1
75°	18.7	18.9	19.1	19.2	19.4	19.5	19.6	19.7	19.9	20.0	20.1
73.75°	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.8	20.9	21.0
72.5°	20.4	20.6	20.8	20.9	21.2	21.5	21.8	22.0	22.3	22.6	22.8
71.25°	21.4	21.8	22.2	22.5	22.9	23.2	23.5	23.8	24.1	24.4	24.6
70°	23.0	23.4	23.8	24.2	24.6	24.9	25.4	25.9	26.3	26.8	27.2
68.75°	24.6	25.1	25.7	26.3	26.9	27.5	28.0	28.5	29.0	29.5	30.0
67.5°	26.8	27.5	28.2	28.8	29.5	30.0	30.6	31.2	31.8	32.4	33.0
66.25°	29.2	30.0	30.7	31.4	32.2	32.9	33.6	34.3	34.9	35.6	36.2
65°	31.7	32.6	33.5	34.3	35.1	35.9	36.6	37.4	38.1	38.8	39.5
63.75°	34.5	35.4	36.3	37.2	38.1	39.0	39.9	40.8	41.6	42.4	43.2
62.5°	37.2	38.2	39.3	40.4	41.4	42.4	43.4	44.3	45.2	46.0	46.8
61.25°	40.3	41.4	42.6	43.7	44.8	45.8	46.8	47.8	48.7	49.6	50.4
60°	43.4	44.6	45.8	47.0	48.1	49.2	50.2	51.3	52.2	53.2	54.0
58.75°	46.5	47.8	49.0	50.2	51.4	52.6	53.7	54.5	55.1	55.7	56.3
57.5°	49.6	50.9	52.2	53.5	54.5	55.2	55.9	56.6	57.3	57.9	58.5
56.25°	52.6	54.0	54.9	55.7	56.5	57.3	58.0	58.8	59.6	60.4	61.1
55°	55.0	56.0	56.9	57.7	58.6	59.5	60.4	61.3	62.2	63.0	63.8
53.75°	56.9	57.9	58.8	59.9	60.9	61.9	62.9	63.9	64.8	65.2	65.5
52.5°	58.8	60.0	61.1	62.3	63.4	64.4	65.1	65.5	65.8	66.1	66.4
51.25°	61.0	62.3	63.5	64.6	65.3	65.6	66.0	66.3	66.6	67.0	67.0
50°	63.3	64.5	65.3	65.7	66.1	66.4	66.8	67.0	67.0	67.0	67.0
48.75°	65.2	65.6	66.0	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0
47.5°	65.9	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
46.25°	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
45°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.6
43.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.7	68.1	68.5
42.5°	67.0	67.0	67.0	67.0	67.0	67.2	67.7	68.1	68.5	69.0	69.5
41.25°	67.0	67.0	67.0	67.0	67.5	68.0	68.5	68.9	69.5	70.2	70.8
40°	67.0	67.0	67.2	67.7	68.2	68.8	69.4	70.1	70.8	71.4	72.1
38.75°	67.0	67.3	67.9	68.5	69.0	69.8	70.5	71.3	72.0	72.7	73.3
37.5°	67.4	68.0	68.6	69.2	70.1	70.9	71.7	72.4	73.2	73.9	74.6
36.25°	68.1	68.7	69.4	70.3	71.2	72.0	72.8	73.6	74.4	75.1	75.8
35°	68.7	69.5	70.4	71.3	72.2	73.1	73.9	74.7	75.5	76.3	77.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	69.5	70.5	71.4	72.4	73.3	74.2	75.0	75.9	76.7	77.5	78.2
32.5°	70.4	71.4	72.4	73.4	74.3	75.2	76.1	77.0	77.8	78.6	79.4
31.25°	71.3	72.4	73.4	74.4	75.3	76.3	77.2	78.1	78.9	79.8	80.6
30°	72.2	73.3	74.3	75.3	76.3	77.3	78.2	79.2	80.1	80.9	82.5
28.75°	73.1	74.2	75.2	76.3	77.3	78.3	79.3	80.2	81.3	83.1	84.8
27.5°	73.9	75.0	76.1	77.2	78.2	79.3	80.3	81.5	83.4	85.3	87.2
26.25°	74.7	75.9	77.0	78.1	79.2	80.2	81.5	83.5	85.5	88.2	93.5
25°	75.5	76.7	77.8	78.9	80.1	81.3	83.4	85.5	88.5	94.2	99.6
23.75°	76.3	77.5	78.6	79.8	80.9	83.1	85.3	88.2	94.2	100.0	105.9
22.5°	77.0	78.2	79.4	80.6	82.5	84.8	87.2	93.5	99.6	105.9	112.8
21.25°	77.7	79.0	80.2	81.8	84.2	86.5	92.2	98.6	105.1	112.4	119.5
20°	78.4	79.7	80.9	83.3	85.7	90.2	96.9	103.6	111.1	118.6	127.2
18.75°	79.0	80.3	82.2	84.7	87.6	94.6	101.5	109.1	116.9	125.1	138.0
17.5°	79.6	81.0	83.5	86.1	91.7	98.8	106.2	114.4	122.5	134.4	165.8
16.25°	80.2	82.1	84.8	88.1	95.5	102.8	111.1	119.5	130.1	155.2	217.6
15°	80.8	83.2	85.9	91.5	99.1	107.0	115.7	124.4	140.5	186.7	283.7
13.75°	81.5	84.3	87.0	94.8	102.4	111.1	120.0	131.7	162.3	240.7	362.7
12.5°	82.5	85.2	89.9	97.7	105.8	114.9	124.0	141.4	194.2	302.7	445.0
11.25°	83.3	86.1	92.5	100.5	109.2	118.4	129.9	159.2	238.6	367.8	524.5
10°	84.1	86.9	94.9	102.9	112.2	121.6	135.3	177.2	285.9	434.1	602.7
8.75°	84.7	88.8	97.0	105.3	114.9	124.7	146.1	211.7	336.6	496.2	673.3
7.5°	85.3	90.6	98.8	107.6	117.3	128.8	158.2	242.0	381.1	552.6	735.6
6.25°	85.8	92.1	100.4	109.5	119.3	132.3	168.6	270.3	425.0	603.3	789.2
5°	86.3	93.3	101.7	111.1	121.0	135.1	181.4	300.3	461.7	645.2	833.6
3.75°	86.6	94.3	102.7	112.4	122.3	138.0	197.3	323.8	490.6	678.2	868.6
2.5°	86.8	94.9	103.4	113.3	123.2	142.6	208.8	340.7	511.3	701.9	893.7
1.25°	87.0	95.4	103.9	113.8	123.8	145.3	215.7	350.9	523.8	716.2	908.9
0°	87.0	95.5	104.0	114.0	124.0	146.3	218.0	354.3	528.0	721.0	914.0
-1.25°	87.0	95.4	103.9	113.8	123.8	145.3	215.7	350.9	523.8	716.2	908.9
-2.5°	86.8	94.9	103.4	113.3	123.2	142.6	208.8	340.7	511.3	701.9	893.7
-3.75°	86.6	94.3	102.7	112.4	122.3	138.0	197.3	323.8	490.6	678.2	868.6
-5°	86.3	93.3	101.7	111.1	121.0	135.1	181.4	300.3	461.7	645.2	833.6
-6.25°	85.8	92.1	100.4	109.5	119.3	132.3	168.6	270.3	425.0	603.3	789.2
-7.5°	85.3	90.6	98.8	107.6	117.3	128.8	158.2	242.0	381.1	552.6	735.6
-8.75°	84.7	88.8	97.0	105.3	114.9	124.7	146.1	211.7	336.6	496.2	673.3
-10°	84.1	86.9	94.9	102.9	112.2	121.6	135.3	177.2	285.9	434.1	602.7
-11.25°	83.3	86.1	92.5	100.5	109.2	118.4	129.9	159.2	238.6	367.8	524.5
-12.5°	82.5	85.2	89.9	97.7	105.8	114.9	124.0	141.4	194.2	302.7	445.0
-13.75°	81.5	84.3	87.0	94.8	102.4	111.1	120.0	131.7	162.3	240.7	362.7
-15°	80.8	83.2	85.9	91.5	99.1	107.0	115.7	124.4	140.5	186.7	283.7
-16.25°	80.2	82.1	84.8	88.1	95.5	102.8	111.1	119.5	130.1	155.2	217.6
-17.5°	79.6	81.0	83.5	86.1	91.7	98.8	106.2	114.4	122.5	134.4	165.8
-18.75°	79.0	80.3	82.2	84.7	87.6	94.6	101.5	109.1	116.9	125.1	138.0
-20°	78.4	79.7	80.9	83.3	85.7	90.2	96.9	103.6	111.1	118.6	127.2
-21.25°	77.7	79.0	80.2	81.8	84.2	86.5	92.2	98.6	105.1	112.4	119.5



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	77.0	78.2	79.4	80.6	82.5	84.8	87.2	93.5	99.6	105.9	112.8
-23.75°	76.3	77.5	78.6	79.8	80.9	83.1	85.3	88.2	94.2	100.0	105.9
-25°	75.5	76.7	77.8	78.9	80.1	81.3	83.4	85.5	88.5	94.2	99.6
-26.25°	74.7	75.9	77.0	78.1	79.2	80.2	81.5	83.5	85.5	88.2	93.5
-27.5°	73.9	75.0	76.1	77.2	78.2	79.3	80.3	81.5	83.4	85.3	87.2
-28.75°	73.1	74.2	75.2	76.3	77.3	78.3	79.3	80.2	81.3	83.1	84.8
-30°	72.2	73.3	74.3	75.3	76.3	77.3	78.2	79.2	80.1	80.9	82.5
-31.25°	71.3	72.4	73.4	74.4	75.3	76.3	77.2	78.1	78.9	79.8	80.6
-32.5°	70.4	71.4	72.4	73.4	74.3	75.2	76.1	77.0	77.8	78.6	79.4
-33.75°	69.5	70.5	71.4	72.4	73.3	74.2	75.0	75.9	76.7	77.5	78.2
-35°	68.7	69.5	70.4	71.3	72.2	73.1	73.9	74.7	75.5	76.3	77.0
-36.25°	68.1	68.7	69.4	70.3	71.2	72.0	72.8	73.6	74.4	75.1	75.8
-37.5°	67.4	68.0	68.6	69.2	70.1	70.9	71.7	72.4	73.2	73.9	74.6
-38.75°	67.0	67.3	67.9	68.5	69.0	69.8	70.5	71.3	72.0	72.7	73.3
-40°	67.0	67.0	67.2	67.7	68.2	68.8	69.4	70.1	70.8	71.4	72.1
-41.25°	67.0	67.0	67.0	67.0	67.5	68.0	68.5	68.9	69.5	70.2	70.8
-42.5°	67.0	67.0	67.0	67.0	67.0	67.2	67.7	68.1	68.5	69.0	69.5
-43.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.7	68.1	68.5
-45°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.6
-46.25°	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-47.5°	65.9	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-48.75°	65.2	65.6	66.0	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0
-50°	63.3	64.5	65.3	65.7	66.1	66.4	66.8	67.0	67.0	67.0	67.0
-51.25°	61.0	62.3	63.5	64.6	65.3	65.6	66.0	66.3	66.6	67.0	67.0
-52.5°	58.8	60.0	61.1	62.3	63.4	64.4	65.1	65.5	65.8	66.1	66.4
-53.75°	56.9	57.9	58.8	59.9	60.9	61.9	62.9	63.9	64.8	65.2	65.5
-55°	55.0	56.0	56.9	57.7	58.6	59.5	60.4	61.3	62.2	63.0	63.8
-56.25°	52.6	54.0	54.9	55.7	56.5	57.3	58.0	58.8	59.6	60.4	61.1
-57.5°	49.6	50.9	52.2	53.5	54.5	55.2	55.9	56.6	57.3	57.9	58.5
-58.75°	46.5	47.8	49.0	50.2	51.4	52.6	53.7	54.5	55.1	55.7	56.3
-60°	43.4	44.6	45.8	47.0	48.1	49.2	50.2	51.3	52.2	53.2	54.0
-61.25°	40.3	41.4	42.6	43.7	44.8	45.8	46.8	47.8	48.7	49.6	50.4
-62.5°	37.2	38.2	39.3	40.4	41.4	42.4	43.4	44.3	45.2	46.0	46.8
-63.75°	34.5	35.4	36.3	37.2	38.1	39.0	39.9	40.8	41.6	42.4	43.2
-65°	31.7	32.6	33.5	34.3	35.1	35.9	36.6	37.4	38.1	38.8	39.5
-66.25°	29.2	30.0	30.7	31.4	32.2	32.9	33.6	34.3	34.9	35.6	36.2
-67.5°	26.8	27.5	28.2	28.8	29.5	30.0	30.6	31.2	31.8	32.4	33.0
-68.75°	24.6	25.1	25.7	26.3	26.9	27.5	28.0	28.5	29.0	29.5	30.0
-70°	23.0	23.4	23.8	24.2	24.6	24.9	25.4	25.9	26.3	26.8	27.2
-71.25°	21.4	21.8	22.2	22.5	22.9	23.2	23.5	23.8	24.1	24.4	24.6
-72.5°	20.4	20.6	20.8	20.9	21.2	21.5	21.8	22.0	22.3	22.6	22.8
-73.75°	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.8	20.9	21.0
-75°	18.7	18.9	19.1	19.2	19.4	19.5	19.6	19.7	19.9	20.0	20.1
-76.25°	17.5	17.7	17.9	18.1	18.3	18.4	18.6	18.8	18.9	19.1	19.1
-77.5°	16.3	16.4	16.6	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	14.7	14.9	15.2	15.4	15.6	15.8	15.9	16.1	16.2	16.3	16.5
-80°	13.1	13.3	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.6	14.8
-81.25°	11.5	11.6	11.8	12.0	12.1	12.3	12.4	12.5	12.7	12.8	12.9
-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°	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.2
-86.25°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9
-87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-88.75°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	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: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
86.25°	5.0	5.0	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.4	5.4
85°	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.8	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°	13.0	13.1	13.3	13.3	13.4	13.5	13.6	13.7	13.7	13.8	13.8
80°	14.9	15.0	15.1	15.3	15.4	15.4	15.5	15.6	15.7	15.8	15.8
78.75°	16.6	16.7	16.8	16.9	17.0	17.0	17.1	17.2	17.2	17.3	17.3
77.5°	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.6	18.7	18.8	18.8
76.25°	19.2	19.3	19.4	19.5	19.6	19.6	19.7	19.7	19.8	19.8	19.9
75°	20.2	20.3	20.3	20.4	20.5	20.6	20.6	20.7	20.8	20.8	20.9
73.75°	21.2	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.7
72.5°	23.0	23.3	23.5	23.7	23.8	24.0	24.2	24.3	24.4	24.6	24.7
71.25°	24.9	25.2	25.5	25.8	26.1	26.4	26.7	26.9	27.1	27.3	27.5
70°	27.6	28.0	28.4	28.7	29.0	29.3	29.6	29.8	30.0	30.2	30.4
68.75°	30.4	30.8	31.2	31.6	32.0	32.4	32.7	33.0	33.3	33.6	33.8
67.5°	33.5	34.0	34.5	34.9	35.4	35.7	36.1	36.4	36.7	37.0	37.2
66.25°	36.7	37.3	37.8	38.3	38.8	39.3	39.7	40.1	40.5	40.8	41.1
65°	40.2	40.9	41.5	42.1	42.6	43.1	43.6	44.0	44.4	44.7	45.0
63.75°	43.9	44.6	45.2	45.8	46.4	46.9	47.4	47.9	48.3	48.6	48.9
62.5°	47.6	48.3	49.0	49.6	50.2	50.8	51.3	51.7	52.2	52.6	52.9
61.25°	51.2	52.0	52.7	53.4	54.0	54.4	54.7	55.0	55.3	55.5	55.8
60°	54.6	55.0	55.5	56.0	56.4	56.8	57.1	57.4	57.7	58.0	58.2
58.75°	56.8	57.4	57.8	58.3	58.7	59.2	59.6	60.0	60.4	60.7	61.0
57.5°	59.1	59.8	60.4	61.0	61.5	62.0	62.5	62.9	63.3	63.7	64.0
56.25°	61.8	62.5	63.2	63.8	64.4	64.9	65.1	65.3	65.4	65.5	65.6
55°	64.6	65.1	65.3	65.5	65.7	65.9	66.1	66.2	66.4	66.5	66.6
53.75°	65.8	66.0	66.2	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0
52.5°	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
48.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.4	67.5
47.5°	67.0	67.0	67.0	67.1	67.3	67.6	67.8	68.0	68.2	68.4	68.5
46.25°	67.1	67.4	67.7	68.0	68.3	68.5	68.8	69.0	69.2	69.5	69.7
45°	68.0	68.3	68.6	68.9	69.3	69.7	70.1	70.4	70.7	71.0	71.2
43.75°	68.9	69.3	69.8	70.3	70.7	71.1	71.5	71.8	72.1	72.4	72.7
42.5°	70.1	70.6	71.1	71.6	72.1	72.5	72.9	73.2	73.6	73.9	74.1
41.25°	71.4	71.9	72.5	73.0	73.4	73.9	74.3	74.7	75.0	75.3	75.6
40°	72.7	73.3	73.8	74.3	74.8	75.3	75.7	76.1	76.4	76.8	77.1
38.75°	73.9	74.6	75.1	75.7	76.2	76.7	77.1	77.5	77.9	78.2	78.5
37.5°	75.2	75.8	76.4	77.0	77.5	78.0	78.5	78.9	79.3	79.7	80.0
36.25°	76.5	77.1	77.7	78.3	78.9	79.4	79.9	80.3	80.7	81.2	81.8
35°	77.7	78.4	79.0	79.6	80.2	80.8	81.5	82.5	83.3	84.1	84.7



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	79.0	79.7	80.3	81.0	82.1	83.2	84.3	85.2	86.1	86.9	88.8
32.5°	80.2	80.9	82.2	83.5	84.8	85.9	87.0	89.9	92.5	94.9	97.0
31.25°	81.8	83.3	84.7	86.1	88.1	91.5	94.8	97.7	100.5	102.9	105.3
30°	84.2	85.7	87.6	91.7	95.5	99.1	102.4	105.8	109.2	112.2	114.9
28.75°	86.5	90.2	94.6	98.8	102.8	107.0	111.1	114.9	118.4	121.6	124.7
27.5°	92.2	96.9	101.5	106.2	111.1	115.7	120.0	124.0	129.9	135.3	146.1
26.25°	98.6	103.6	109.1	114.4	119.5	124.4	131.7	141.4	159.2	177.2	211.7
25°	105.1	111.1	116.9	122.5	130.1	140.5	162.3	194.2	238.6	285.9	336.6
23.75°	112.4	118.6	125.1	134.4	155.2	186.7	240.7	302.7	367.8	434.1	496.2
22.5°	119.5	127.2	138.0	165.8	217.6	283.7	362.7	445.0	524.5	602.7	673.3
21.25°	127.9	142.2	172.2	238.4	321.0	412.3	508.5	604.2	694.5	777.1	851.7
20°	142.2	174.8	248.9	343.6	448.3	556.7	665.4	767.6	862.5	935.8	984.0
18.75°	172.2	248.9	351.1	466.4	586.9	706.8	820.7	922.6	983.7	1040.0	1091.1
17.5°	238.4	343.6	466.4	597.0	727.7	853.0	949.7	1018.6	1083.1	1142.7	1187.7
16.25°	321.0	448.3	586.9	727.7	863.9	963.4	1039.9	1112.4	1174.5	1225.3	1281.2
15°	412.3	556.7	706.8	853.0	963.4	1047.0	1127.2	1193.1	1256.2	1321.8	1390.6
13.75°	508.5	665.4	820.7	949.7	1039.9	1127.2	1199.3	1271.9	1350.1	1431.8	1530.1
12.5°	604.2	767.6	922.6	1018.6	1112.4	1193.1	1271.9	1359.7	1458.5	1574.9	1731.0
11.25°	694.5	862.5	983.7	1083.1	1174.5	1256.2	1350.1	1458.5	1595.9	1775.1	1982.0
10°	777.1	935.8	1040.0	1142.7	1225.3	1321.8	1431.8	1574.9	1775.1	2011.2	2291.9
8.75°	851.7	984.0	1091.1	1187.7	1281.2	1390.6	1530.1	1731.0	1982.0	2291.9	2663.3
7.5°	916.2	1026.7	1136.4	1226.6	1333.4	1462.1	1644.5	1895.8	2211.6	2608.0	3109.8
6.25°	950.9	1063.6	1170.6	1267.4	1383.7	1534.4	1760.4	2055.0	2445.4	2949.3	3622.1
5°	979.7	1094.2	1197.0	1301.6	1426.6	1609.6	1878.0	2227.2	2686.1	3309.6	4166.7
3.75°	1002.4	1118.4	1217.8	1330.2	1471.5	1681.8	1975.4	2365.7	2904.6	3675.3	4717.8
2.5°	1018.8	1135.9	1234.3	1352.8	1504.1	1734.3	2048.8	2491.8	3100.6	3974.6	5142.6
1.25°	1028.7	1146.5	1245.3	1366.4	1523.9	1766.3	2105.3	2571.2	3220.9	4159.4	5430.9
0°	1032.0	1150.0	1249.0	1371.0	1530.5	1777.0	2124.3	2598.0	3261.5	4222.0	5533.8
-1.25°	1028.7	1146.5	1245.3	1366.4	1523.9	1766.3	2105.3	2571.2	3220.9	4159.4	5430.9
-2.5°	1018.8	1135.9	1234.3	1352.8	1504.1	1734.3	2048.8	2491.8	3100.6	3974.6	5142.6
-3.75°	1002.4	1118.4	1217.8	1330.2	1471.5	1681.8	1975.4	2365.7	2904.6	3675.3	4717.8
-5°	979.7	1094.2	1197.0	1301.6	1426.6	1609.6	1878.0	2227.2	2686.1	3309.6	4166.7
-6.25°	950.9	1063.6	1170.6	1267.4	1383.7	1534.4	1760.4	2055.0	2445.4	2949.3	3622.1
-7.5°	916.2	1026.7	1136.4	1226.6	1333.4	1462.1	1644.5	1895.8	2211.6	2608.0	3109.8
-8.75°	851.7	984.0	1091.1	1187.7	1281.2	1390.6	1530.1	1731.0	1982.0	2291.9	2663.3
-10°	777.1	935.8	1040.0	1142.7	1225.3	1321.8	1431.8	1574.9	1775.1	2011.2	2291.9
-11.25°	694.5	862.5	983.7	1083.1	1174.5	1256.2	1350.1	1458.5	1595.9	1775.1	1982.0
-12.5°	604.2	767.6	922.6	1018.6	1112.4	1193.1	1271.9	1359.7	1458.5	1574.9	1731.0
-13.75°	508.5	665.4	820.7	949.7	1039.9	1127.2	1199.3	1271.9	1350.1	1431.8	1530.1
-15°	412.3	556.7	706.8	853.0	963.4	1047.0	1127.2	1193.1	1256.2	1321.8	1390.6
-16.25°	321.0	448.3	586.9	727.7	863.9	963.4	1039.9	1112.4	1174.5	1225.3	1281.2
-17.5°	238.4	343.6	466.4	597.0	727.7	853.0	949.7	1018.6	1083.1	1142.7	1187.7
-18.75°	172.2	248.9	351.1	466.4	586.9	706.8	820.7	922.6	983.7	1040.0	1091.1
-20°	142.2	174.8	248.9	343.6	448.3	556.7	665.4	767.6	862.5	935.8	984.0
-21.25°	127.9	142.2	172.2	238.4	321.0	412.3	508.5	604.2	694.5	777.1	851.7



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	119.5	127.2	138.0	165.8	217.6	283.7	362.7	445.0	524.5	602.7	673.3
-23.75°	112.4	118.6	125.1	134.4	155.2	186.7	240.7	302.7	367.8	434.1	496.2
-25°	105.1	111.1	116.9	122.5	130.1	140.5	162.3	194.2	238.6	285.9	336.6
-26.25°	98.6	103.6	109.1	114.4	119.5	124.4	131.7	141.4	159.2	177.2	211.7
-27.5°	92.2	96.9	101.5	106.2	111.1	115.7	120.0	124.0	129.9	135.3	146.1
-28.75°	86.5	90.2	94.6	98.8	102.8	107.0	111.1	114.9	118.4	121.6	124.7
-30°	84.2	85.7	87.6	91.7	95.5	99.1	102.4	105.8	109.2	112.2	114.9
-31.25°	81.8	83.3	84.7	86.1	88.1	91.5	94.8	97.7	100.5	102.9	105.3
-32.5°	80.2	80.9	82.2	83.5	84.8	85.9	87.0	89.9	92.5	94.9	97.0
-33.75°	79.0	79.7	80.3	81.0	82.1	83.2	84.3	85.2	86.1	86.9	88.8
-35°	77.7	78.4	79.0	79.6	80.2	80.8	81.5	82.5	83.3	84.1	84.7
-36.25°	76.5	77.1	77.7	78.3	78.9	79.4	79.9	80.3	80.7	81.2	81.8
-37.5°	75.2	75.8	76.4	77.0	77.5	78.0	78.5	78.9	79.3	79.7	80.0
-38.75°	73.9	74.6	75.1	75.7	76.2	76.7	77.1	77.5	77.9	78.2	78.5
-40°	72.7	73.3	73.8	74.3	74.8	75.3	75.7	76.1	76.4	76.8	77.1
-41.25°	71.4	71.9	72.5	73.0	73.4	73.9	74.3	74.7	75.0	75.3	75.6
-42.5°	70.1	70.6	71.1	71.6	72.1	72.5	72.9	73.2	73.6	73.9	74.1
-43.75°	68.9	69.3	69.8	70.3	70.7	71.1	71.5	71.8	72.1	72.4	72.7
-45°	68.0	68.3	68.6	68.9	69.3	69.7	70.1	70.4	70.7	71.0	71.2
-46.25°	67.1	67.4	67.7	68.0	68.3	68.5	68.8	69.0	69.2	69.5	69.7
-47.5°	67.0	67.0	67.0	67.1	67.3	67.6	67.8	68.0	68.2	68.4	68.5
-48.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.4	67.5
-50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-52.5°	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-53.75°	65.8	66.0	66.2	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0
-55°	64.6	65.1	65.3	65.5	65.7	65.9	66.1	66.2	66.4	66.5	66.6
-56.25°	61.8	62.5	63.2	63.8	64.4	64.9	65.1	65.3	65.4	65.5	65.6
-57.5°	59.1	59.8	60.4	61.0	61.5	62.0	62.5	62.9	63.3	63.7	64.0
-58.75°	56.8	57.4	57.8	58.3	58.7	59.2	59.6	60.0	60.4	60.7	61.0
-60°	54.6	55.0	55.5	56.0	56.4	56.8	57.1	57.4	57.7	58.0	58.2
-61.25°	51.2	52.0	52.7	53.4	54.0	54.4	54.7	55.0	55.3	55.5	55.8
-62.5°	47.6	48.3	49.0	49.6	50.2	50.8	51.3	51.7	52.2	52.6	52.9
-63.75°	43.9	44.6	45.2	45.8	46.4	46.9	47.4	47.9	48.3	48.6	48.9
-65°	40.2	40.9	41.5	42.1	42.6	43.1	43.6	44.0	44.4	44.7	45.0
-66.25°	36.7	37.3	37.8	38.3	38.8	39.3	39.7	40.1	40.5	40.8	41.1
-67.5°	33.5	34.0	34.5	34.9	35.4	35.7	36.1	36.4	36.7	37.0	37.2
-68.75°	30.4	30.8	31.2	31.6	32.0	32.4	32.7	33.0	33.3	33.6	33.8
-70°	27.6	28.0	28.4	28.7	29.0	29.3	29.6	29.8	30.0	30.2	30.4
-71.25°	24.9	25.2	25.5	25.8	26.1	26.4	26.7	26.9	27.1	27.3	27.5
-72.5°	23.0	23.3	23.5	23.7	23.8	24.0	24.2	24.3	24.4	24.6	24.7
-73.75°	21.2	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.7
-75°	20.2	20.3	20.3	20.4	20.5	20.6	20.6	20.7	20.8	20.8	20.9
-76.25°	19.2	19.3	19.4	19.5	19.6	19.6	19.7	19.7	19.8	19.8	19.9
-77.5°	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.6	18.7	18.8	18.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	16.6	16.7	16.8	16.9	17.0	17.0	17.1	17.2	17.2	17.3	17.3
-80°	14.9	15.0	15.1	15.3	15.4	15.4	15.5	15.6	15.7	15.8	15.8
-81.25°	13.0	13.1	13.3	13.3	13.4	13.5	13.6	13.7	13.7	13.8	13.8
-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°	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.8	7.9
-86.25°	5.0	5.0	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.4	5.4
-87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
86.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	7.9	7.9	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°	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.9
80°	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9
78.75°	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
77.5°	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.9
76.25°	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
75°	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
73.75°	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
72.5°	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
71.25°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
70°	30.6	30.7	30.8	30.9	31.0	31.0	31.0	31.0	31.0	30.9	30.8
68.75°	34.0	34.1	34.3	34.4	34.4	34.5	34.5	34.5	34.4	34.4	34.3
67.5°	37.4	37.6	37.7	37.9	37.9	38.0	38.0	38.0	37.9	37.9	37.7
66.25°	41.3	41.5	41.7	41.8	41.9	42.0	42.0	42.0	41.9	41.8	41.7
65°	45.3	45.5	45.7	45.8	45.9	46.0	46.0	46.0	45.9	45.8	45.7
63.75°	49.2	49.5	49.7	49.8	49.9	50.0	50.0	50.0	49.9	49.8	49.7
62.5°	53.2	53.4	53.6	53.8	53.9	54.0	54.0	54.0	53.9	53.8	53.6
61.25°	56.0	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.4	56.4	56.3
60°	58.4	58.6	58.7	58.9	58.9	59.0	59.0	59.0	58.9	58.9	58.7
58.75°	61.3	61.5	61.7	61.8	61.9	62.0	62.0	62.0	61.9	61.8	61.7
57.5°	64.3	64.5	64.7	64.8	64.9	65.0	65.0	65.0	64.9	64.8	64.7
56.25°	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	65.9	65.9
55°	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	66.9	66.9
53.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
52.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
48.75°	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	67.9	67.8
47.5°	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	68.9	68.8
46.25°	69.9	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.4	70.4	70.2
45°	71.4	71.6	71.7	71.9	71.9	72.0	72.0	72.0	71.9	71.9	71.7
43.75°	72.9	73.1	73.2	73.3	73.4	73.5	73.5	73.5	73.4	73.3	73.2
42.5°	74.4	74.6	74.7	74.8	74.9	75.0	75.0	75.0	74.9	74.8	74.7
41.25°	75.8	76.0	76.2	76.3	76.4	76.5	76.5	76.5	76.4	76.3	76.2
40°	77.3	77.5	77.7	77.8	77.9	78.0	78.0	78.0	77.9	77.8	77.7
38.75°	78.8	79.0	79.2	79.3	79.4	79.5	79.5	79.5	79.4	79.3	79.2
37.5°	80.2	80.5	80.7	80.8	80.9	81.0	81.0	81.0	80.9	80.8	80.7
36.25°	82.4	82.9	83.3	83.6	83.8	84.0	84.0	84.0	83.8	83.6	83.3
35°	85.3	85.8	86.3	86.6	86.8	87.0	87.0	87.0	86.8	86.6	86.3



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	90.6	92.1	93.3	94.3	94.9	95.4	95.5	95.4	94.9	94.3	93.3
32.5°	98.8	100.4	101.7	102.7	103.4	103.9	104.0	103.9	103.4	102.7	101.7
31.25°	107.6	109.5	111.1	112.4	113.3	113.8	114.0	113.8	113.3	112.4	111.1
30°	117.3	119.3	121.0	122.3	123.2	123.8	124.0	123.8	123.2	122.3	121.0
28.75°	128.8	132.3	135.1	138.0	142.6	145.3	146.3	145.3	142.6	138.0	135.1
27.5°	158.2	168.6	181.4	197.3	208.8	215.7	218.0	215.7	208.8	197.3	181.4
26.25°	242.0	270.3	300.3	323.8	340.7	350.9	354.3	350.9	340.7	323.8	300.3
25°	381.1	425.0	461.7	490.6	511.3	523.8	528.0	523.8	511.3	490.6	461.7
23.75°	552.6	603.3	645.2	678.2	701.9	716.2	721.0	716.2	701.9	678.2	645.2
22.5°	735.6	789.2	833.6	868.6	893.7	908.9	914.0	908.9	893.7	868.6	833.6
21.25°	916.2	950.9	979.7	1002.4	1018.8	1028.7	1032.0	1028.7	1018.8	1002.4	979.7
20°	1026.7	1063.6	1094.2	1118.4	1135.9	1146.5	1150.0	1146.5	1135.9	1118.4	1094.2
18.75°	1136.4	1170.6	1197.0	1217.8	1234.3	1245.3	1249.0	1245.3	1234.3	1217.8	1197.0
17.5°	1226.6	1267.4	1301.6	1330.2	1352.8	1366.4	1371.0	1366.4	1352.8	1330.2	1301.6
16.25°	1333.4	1383.7	1426.6	1471.5	1504.1	1523.9	1530.5	1523.9	1504.1	1471.5	1426.6
15°	1462.1	1534.4	1609.6	1681.8	1734.3	1766.3	1777.0	1766.3	1734.3	1681.8	1609.6
13.75°	1644.5	1760.4	1878.0	1975.4	2048.8	2105.3	2124.3	2105.3	2048.8	1975.4	1878.0
12.5°	1895.8	2055.0	2227.2	2365.7	2491.8	2571.2	2598.0	2571.2	2491.8	2365.7	2227.2
11.25°	2211.6	2445.4	2686.1	2904.6	3100.6	3220.9	3261.5	3220.9	3100.6	2904.6	2686.1
10°	2608.0	2949.3	3309.6	3675.3	3974.6	4159.4	4222.0	4159.4	3974.6	3675.3	3309.6
8.75°	3109.8	3622.1	4166.7	4717.8	5142.6	5430.9	5533.8	5430.9	5142.6	4717.8	4166.7
7.5°	3741.8	4475.6	5235.9	5965.0	6529.6	6905.0	7033.5	6905.0	6529.6	5965.0	5235.9
6.25°	4475.6	5440.3	6411.9	7302.2	7992.2	8432.6	8585.0	8432.6	7992.2	7302.2	6411.9
5°	5235.9	6411.9	7574.8	8588.5	9379.3	9892.9	10074.0	9892.9	9379.3	8588.5	7574.8
3.75°	5965.0	7302.2	8588.5	9718.3	10582.9	11144.5	11317.3	11144.5	10582.9	9718.3	8588.5
2.5°	6529.6	7992.2	9379.3	10582.9	11500.7	12087.0	12274.0	12087.0	11500.7	10582.9	9379.3
1.25°	6905.0	8432.6	9892.9	11144.5	12087.0	12683.9	12891.0	12683.9	12087.0	11144.5	9892.9
0°	7033.5	8585.0	10074.0	11317.3	12274.0	12891.0	13163.0	12891.0	12274.0	11317.3	10074.0
-1.25°	6905.0	8432.6	9892.9	11144.5	12087.0	12683.9	12891.0	12683.9	12087.0	11144.5	9892.9
-2.5°	6529.6	7992.2	9379.3	10582.9	11500.7	12087.0	12274.0	12087.0	11500.7	10582.9	9379.3
-3.75°	5965.0	7302.2	8588.5	9718.3	10582.9	11144.5	11317.3	11144.5	10582.9	9718.3	8588.5
-5°	5235.9	6411.9	7574.8	8588.5	9379.3	9892.9	10074.0	9892.9	9379.3	8588.5	7574.8
-6.25°	4475.6	5440.3	6411.9	7302.2	7992.2	8432.6	8585.0	8432.6	7992.2	7302.2	6411.9
-7.5°	3741.8	4475.6	5235.9	5965.0	6529.6	6905.0	7033.5	6905.0	6529.6	5965.0	5235.9
-8.75°	3109.8	3622.1	4166.7	4717.8	5142.6	5430.9	5533.8	5430.9	5142.6	4717.8	4166.7
-10°	2608.0	2949.3	3309.6	3675.3	3974.6	4159.4	4222.0	4159.4	3974.6	3675.3	3309.6
-11.25°	2211.6	2445.4	2686.1	2904.6	3100.6	3220.9	3261.5	3220.9	3100.6	2904.6	2686.1
-12.5°	1895.8	2055.0	2227.2	2365.7	2491.8	2571.2	2598.0	2571.2	2491.8	2365.7	2227.2
-13.75°	1644.5	1760.4	1878.0	1975.4	2048.8	2105.3	2124.3	2105.3	2048.8	1975.4	1878.0
-15°	1462.1	1534.4	1609.6	1681.8	1734.3	1766.3	1777.0	1766.3	1734.3	1681.8	1609.6
-16.25°	1333.4	1383.7	1426.6	1471.5	1504.1	1523.9	1530.5	1523.9	1504.1	1471.5	1426.6
-17.5°	1226.6	1267.4	1301.6	1330.2	1352.8	1366.4	1371.0	1366.4	1352.8	1330.2	1301.6
-18.75°	1136.4	1170.6	1197.0	1217.8	1234.3	1245.3	1249.0	1245.3	1234.3	1217.8	1197.0
-20°	1026.7	1063.6	1094.2	1118.4	1135.9	1146.5	1150.0	1146.5	1135.9	1118.4	1094.2
-21.25°	916.2	950.9	979.7	1002.4	1018.8	1028.7	1032.0	1028.7	1018.8	1002.4	979.7



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	735.6	789.2	833.6	868.6	893.7	908.9	914.0	908.9	893.7	868.6	833.6
-23.75°	552.6	603.3	645.2	678.2	701.9	716.2	721.0	716.2	701.9	678.2	645.2
-25°	381.1	425.0	461.7	490.6	511.3	523.8	528.0	523.8	511.3	490.6	461.7
-26.25°	242.0	270.3	300.3	323.8	340.7	350.9	354.3	350.9	340.7	323.8	300.3
-27.5°	158.2	168.6	181.4	197.3	208.8	215.7	218.0	215.7	208.8	197.3	181.4
-28.75°	128.8	132.3	135.1	138.0	142.6	145.3	146.3	145.3	142.6	138.0	135.1
-30°	117.3	119.3	121.0	122.3	123.2	123.8	124.0	123.8	123.2	122.3	121.0
-31.25°	107.6	109.5	111.1	112.4	113.3	113.8	114.0	113.8	113.3	112.4	111.1
-32.5°	98.8	100.4	101.7	102.7	103.4	103.9	104.0	103.9	103.4	102.7	101.7
-33.75°	90.6	92.1	93.3	94.3	94.9	95.4	95.5	95.4	94.9	94.3	93.3
-35°	85.3	85.8	86.3	86.6	86.8	87.0	87.0	87.0	86.8	86.6	86.3
-36.25°	82.4	82.9	83.3	83.6	83.8	84.0	84.0	84.0	83.8	83.6	83.3
-37.5°	80.2	80.5	80.7	80.8	80.9	81.0	81.0	81.0	80.9	80.8	80.7
-38.75°	78.8	79.0	79.2	79.3	79.4	79.5	79.5	79.5	79.4	79.3	79.2
-40°	77.3	77.5	77.7	77.8	77.9	78.0	78.0	78.0	77.9	77.8	77.7
-41.25°	75.8	76.0	76.2	76.3	76.4	76.5	76.5	76.5	76.4	76.3	76.2
-42.5°	74.4	74.6	74.7	74.8	74.9	75.0	75.0	75.0	74.9	74.8	74.7
-43.75°	72.9	73.1	73.2	73.3	73.4	73.5	73.5	73.5	73.4	73.3	73.2
-45°	71.4	71.6	71.7	71.9	71.9	72.0	72.0	72.0	71.9	71.9	71.7
-46.25°	69.9	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.4	70.4	70.2
-47.5°	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	68.9	68.8
-48.75°	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	67.9	67.8
-50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-52.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-53.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-55°	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	66.9	66.9
-56.25°	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	65.9	65.9
-57.5°	64.3	64.5	64.7	64.8	64.9	65.0	65.0	65.0	64.9	64.8	64.7
-58.75°	61.3	61.5	61.7	61.8	61.9	62.0	62.0	62.0	61.9	61.8	61.7
-60°	58.4	58.6	58.7	58.9	58.9	59.0	59.0	59.0	58.9	58.9	58.7
-61.25°	56.0	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.4	56.4	56.3
-62.5°	53.2	53.4	53.6	53.8	53.9	54.0	54.0	54.0	53.9	53.8	53.6
-63.75°	49.2	49.5	49.7	49.8	49.9	50.0	50.0	50.0	49.9	49.8	49.7
-65°	45.3	45.5	45.7	45.8	45.9	46.0	46.0	46.0	45.9	45.8	45.7
-66.25°	41.3	41.5	41.7	41.8	41.9	42.0	42.0	42.0	41.9	41.8	41.7
-67.5°	37.4	37.6	37.7	37.9	37.9	38.0	38.0	38.0	37.9	37.9	37.7
-68.75°	34.0	34.1	34.3	34.4	34.4	34.5	34.5	34.5	34.4	34.4	34.3
-70°	30.6	30.7	30.8	30.9	31.0	31.0	31.0	31.0	31.0	30.9	30.8
-71.25°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
-72.5°	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
-73.75°	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
-75°	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
-76.25°	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-77.5°	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.9



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
-80°	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9
-81.25°	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.9
-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	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-86.25°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
86.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.1
85°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5
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°	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.3
80°	15.9	15.9	15.8	15.8	15.7	15.6	15.5	15.4	15.4	15.3	15.1
78.75°	17.4	17.4	17.3	17.3	17.2	17.2	17.1	17.0	17.0	16.9	16.8
77.5°	18.9	18.9	18.8	18.8	18.7	18.6	18.6	18.5	18.4	18.3	18.2
76.25°	19.9	19.9	19.9	19.8	19.8	19.7	19.7	19.6	19.6	19.5	19.4
75°	20.9	20.9	20.9	20.8	20.8	20.7	20.6	20.6	20.5	20.4	20.3
73.75°	22.8	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.8	21.6
72.5°	24.8	24.8	24.7	24.6	24.4	24.3	24.2	24.0	23.8	23.7	23.5
71.25°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.8	25.5
70°	30.7	30.6	30.4	30.2	30.0	29.8	29.6	29.3	29.0	28.7	28.4
68.75°	34.1	34.0	33.8	33.6	33.3	33.0	32.7	32.4	32.0	31.6	31.2
67.5°	37.6	37.4	37.2	37.0	36.7	36.4	36.1	35.7	35.4	34.9	34.5
66.25°	41.5	41.3	41.1	40.8	40.5	40.1	39.7	39.3	38.8	38.3	37.8
65°	45.5	45.3	45.0	44.7	44.4	44.0	43.6	43.1	42.6	42.1	41.5
63.75°	49.5	49.2	48.9	48.6	48.3	47.9	47.4	46.9	46.4	45.8	45.2
62.5°	53.4	53.2	52.9	52.6	52.2	51.7	51.3	50.8	50.2	49.6	49.0
61.25°	56.1	56.0	55.8	55.5	55.3	55.0	54.7	54.4	54.0	53.4	52.7
60°	58.6	58.4	58.2	58.0	57.7	57.4	57.1	56.8	56.4	56.0	55.5
58.75°	61.5	61.3	61.0	60.7	60.4	60.0	59.6	59.2	58.7	58.3	57.8
57.5°	64.5	64.3	64.0	63.7	63.3	62.9	62.5	62.0	61.5	61.0	60.4
56.25°	65.8	65.7	65.6	65.5	65.4	65.3	65.1	64.9	64.4	63.8	63.2
55°	66.8	66.7	66.6	66.5	66.4	66.2	66.1	65.9	65.7	65.5	65.3
53.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.9	66.7	66.5	66.2
52.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
48.75°	67.8	67.7	67.5	67.4	67.2	67.1	67.0	67.0	67.0	67.0	67.0
47.5°	68.8	68.6	68.5	68.4	68.2	68.0	67.8	67.6	67.3	67.1	67.0
46.25°	70.1	69.9	69.7	69.5	69.2	69.0	68.8	68.5	68.3	68.0	67.7
45°	71.6	71.4	71.2	71.0	70.7	70.4	70.1	69.7	69.3	68.9	68.6
43.75°	73.1	72.9	72.7	72.4	72.1	71.8	71.5	71.1	70.7	70.3	69.8
42.5°	74.6	74.4	74.1	73.9	73.6	73.2	72.9	72.5	72.1	71.6	71.1
41.25°	76.0	75.8	75.6	75.3	75.0	74.7	74.3	73.9	73.4	73.0	72.5
40°	77.5	77.3	77.1	76.8	76.4	76.1	75.7	75.3	74.8	74.3	73.8
38.75°	79.0	78.8	78.5	78.2	77.9	77.5	77.1	76.7	76.2	75.7	75.1
37.5°	80.5	80.2	80.0	79.7	79.3	78.9	78.5	78.0	77.5	77.0	76.4
36.25°	82.9	82.4	81.8	81.2	80.7	80.3	79.9	79.4	78.9	78.3	77.7
35°	85.8	85.3	84.7	84.1	83.3	82.5	81.5	80.8	80.2	79.6	79.0



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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°	92.1	90.6	88.8	86.9	86.1	85.2	84.3	83.2	82.1	81.0	80.3
32.5°	100.4	98.8	97.0	94.9	92.5	89.9	87.0	85.9	84.8	83.5	82.2
31.25°	109.5	107.6	105.3	102.9	100.5	97.7	94.8	91.5	88.1	86.1	84.7
30°	119.3	117.3	114.9	112.2	109.2	105.8	102.4	99.1	95.5	91.7	87.6
28.75°	132.3	128.8	124.7	121.6	118.4	114.9	111.1	107.0	102.8	98.8	94.6
27.5°	168.6	158.2	146.1	135.3	129.9	124.0	120.0	115.7	111.1	106.2	101.5
26.25°	270.3	242.0	211.7	177.2	159.2	141.4	131.7	124.4	119.5	114.4	109.1
25°	425.0	381.1	336.6	285.9	238.6	194.2	162.3	140.5	130.1	122.5	116.9
23.75°	603.3	552.6	496.2	434.1	367.8	302.7	240.7	186.7	155.2	134.4	125.1
22.5°	789.2	735.6	673.3	602.7	524.5	445.0	362.7	283.7	217.6	165.8	138.0
21.25°	950.9	916.2	851.7	777.1	694.5	604.2	508.5	412.3	321.0	238.4	172.2
20°	1063.6	1026.7	984.0	935.8	862.5	767.6	665.4	556.7	448.3	343.6	248.9
18.75°	1170.6	1136.4	1091.1	1040.0	983.7	922.6	820.7	706.8	586.9	466.4	351.1
17.5°	1267.4	1226.6	1187.7	1142.7	1083.1	1018.6	949.7	853.0	727.7	597.0	466.4
16.25°	1383.7	1333.4	1281.2	1225.3	1174.5	1112.4	1039.9	963.4	863.9	727.7	586.9
15°	1534.4	1462.1	1390.6	1321.8	1256.2	1193.1	1127.2	1047.0	963.4	853.0	706.8
13.75°	1760.4	1644.5	1530.1	1431.8	1350.1	1271.9	1199.3	1127.2	1039.9	949.7	820.7
12.5°	2055.0	1895.8	1731.0	1574.9	1458.5	1359.7	1271.9	1193.1	1112.4	1018.6	922.6
11.25°	2445.4	2211.6	1982.0	1775.1	1595.9	1458.5	1350.1	1256.2	1174.5	1083.1	983.7
10°	2949.3	2608.0	2291.9	2011.2	1775.1	1574.9	1431.8	1321.8	1225.3	1142.7	1040.0
8.75°	3622.1	3109.8	2663.3	2291.9	1982.0	1731.0	1530.1	1390.6	1281.2	1187.7	1091.1
7.5°	4475.6	3741.8	3109.8	2608.0	2211.6	1895.8	1644.5	1462.1	1333.4	1226.6	1136.4
6.25°	5440.3	4475.6	3622.1	2949.3	2445.4	2055.0	1760.4	1534.4	1383.7	1267.4	1170.6
5°	6411.9	5235.9	4166.7	3309.6	2686.1	2227.2	1878.0	1609.6	1426.6	1301.6	1197.0
3.75°	7302.2	5965.0	4717.8	3675.3	2904.6	2365.7	1975.4	1681.8	1471.5	1330.2	1217.8
2.5°	7992.2	6529.6	5142.6	3974.6	3100.6	2491.8	2048.8	1734.3	1504.1	1352.8	1234.3
1.25°	8432.6	6905.0	5430.9	4159.4	3220.9	2571.2	2105.3	1766.3	1523.9	1366.4	1245.3
0°	8585.0	7033.5	5533.8	4222.0	3261.5	2598.0	2124.3	1777.0	1530.5	1371.0	1249.0
-1.25°	8432.6	6905.0	5430.9	4159.4	3220.9	2571.2	2105.3	1766.3	1523.9	1366.4	1245.3
-2.5°	7992.2	6529.6	5142.6	3974.6	3100.6	2491.8	2048.8	1734.3	1504.1	1352.8	1234.3
-3.75°	7302.2	5965.0	4717.8	3675.3	2904.6	2365.7	1975.4	1681.8	1471.5	1330.2	1217.8
-5°	6411.9	5235.9	4166.7	3309.6	2686.1	2227.2	1878.0	1609.6	1426.6	1301.6	1197.0
-6.25°	5440.3	4475.6	3622.1	2949.3	2445.4	2055.0	1760.4	1534.4	1383.7	1267.4	1170.6
-7.5°	4475.6	3741.8	3109.8	2608.0	2211.6	1895.8	1644.5	1462.1	1333.4	1226.6	1136.4
-8.75°	3622.1	3109.8	2663.3	2291.9	1982.0	1731.0	1530.1	1390.6	1281.2	1187.7	1091.1
-10°	2949.3	2608.0	2291.9	2011.2	1775.1	1574.9	1431.8	1321.8	1225.3	1142.7	1040.0
-11.25°	2445.4	2211.6	1982.0	1775.1	1595.9	1458.5	1350.1	1256.2	1174.5	1083.1	983.7
-12.5°	2055.0	1895.8	1731.0	1574.9	1458.5	1359.7	1271.9	1193.1	1112.4	1018.6	922.6
-13.75°	1760.4	1644.5	1530.1	1431.8	1350.1	1271.9	1199.3	1127.2	1039.9	949.7	820.7
-15°	1534.4	1462.1	1390.6	1321.8	1256.2	1193.1	1127.2	1047.0	963.4	853.0	706.8
-16.25°	1383.7	1333.4	1281.2	1225.3	1174.5	1112.4	1039.9	963.4	863.9	727.7	586.9
-17.5°	1267.4	1226.6	1187.7	1142.7	1083.1	1018.6	949.7	853.0	727.7	597.0	466.4
-18.75°	1170.6	1136.4	1091.1	1040.0	983.7	922.6	820.7	706.8	586.9	466.4	351.1
-20°	1063.6	1026.7	984.0	935.8	862.5	767.6	665.4	556.7	448.3	343.6	248.9
-21.25°	950.9	916.2	851.7	777.1	694.5	604.2	508.5	412.3	321.0	238.4	172.2



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	789.2	735.6	673.3	602.7	524.5	445.0	362.7	283.7	217.6	165.8	138.0
-23.75°	603.3	552.6	496.2	434.1	367.8	302.7	240.7	186.7	155.2	134.4	125.1
-25°	425.0	381.1	336.6	285.9	238.6	194.2	162.3	140.5	130.1	122.5	116.9
-26.25°	270.3	242.0	211.7	177.2	159.2	141.4	131.7	124.4	119.5	114.4	109.1
-27.5°	168.6	158.2	146.1	135.3	129.9	124.0	120.0	115.7	111.1	106.2	101.5
-28.75°	132.3	128.8	124.7	121.6	118.4	114.9	111.1	107.0	102.8	98.8	94.6
-30°	119.3	117.3	114.9	112.2	109.2	105.8	102.4	99.1	95.5	91.7	87.6
-31.25°	109.5	107.6	105.3	102.9	100.5	97.7	94.8	91.5	88.1	86.1	84.7
-32.5°	100.4	98.8	97.0	94.9	92.5	89.9	87.0	85.9	84.8	83.5	82.2
-33.75°	92.1	90.6	88.8	86.9	86.1	85.2	84.3	83.2	82.1	81.0	80.3
-35°	85.8	85.3	84.7	84.1	83.3	82.5	81.5	80.8	80.2	79.6	79.0
-36.25°	82.9	82.4	81.8	81.2	80.7	80.3	79.9	79.4	78.9	78.3	77.7
-37.5°	80.5	80.2	80.0	79.7	79.3	78.9	78.5	78.0	77.5	77.0	76.4
-38.75°	79.0	78.8	78.5	78.2	77.9	77.5	77.1	76.7	76.2	75.7	75.1
-40°	77.5	77.3	77.1	76.8	76.4	76.1	75.7	75.3	74.8	74.3	73.8
-41.25°	76.0	75.8	75.6	75.3	75.0	74.7	74.3	73.9	73.4	73.0	72.5
-42.5°	74.6	74.4	74.1	73.9	73.6	73.2	72.9	72.5	72.1	71.6	71.1
-43.75°	73.1	72.9	72.7	72.4	72.1	71.8	71.5	71.1	70.7	70.3	69.8
-45°	71.6	71.4	71.2	71.0	70.7	70.4	70.1	69.7	69.3	68.9	68.6
-46.25°	70.1	69.9	69.7	69.5	69.2	69.0	68.8	68.5	68.3	68.0	67.7
-47.5°	68.8	68.6	68.5	68.4	68.2	68.0	67.8	67.6	67.3	67.1	67.0
-48.75°	67.8	67.7	67.5	67.4	67.2	67.1	67.0	67.0	67.0	67.0	67.0
-50°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-51.25°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-52.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-53.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.9	66.7	66.5	66.2
-55°	66.8	66.7	66.6	66.5	66.4	66.2	66.1	65.9	65.7	65.5	65.3
-56.25°	65.8	65.7	65.6	65.5	65.4	65.3	65.1	64.9	64.4	63.8	63.2
-57.5°	64.5	64.3	64.0	63.7	63.3	62.9	62.5	62.0	61.5	61.0	60.4
-58.75°	61.5	61.3	61.0	60.7	60.4	60.0	59.6	59.2	58.7	58.3	57.8
-60°	58.6	58.4	58.2	58.0	57.7	57.4	57.1	56.8	56.4	56.0	55.5
-61.25°	56.1	56.0	55.8	55.5	55.3	55.0	54.7	54.4	54.0	53.4	52.7
-62.5°	53.4	53.2	52.9	52.6	52.2	51.7	51.3	50.8	50.2	49.6	49.0
-63.75°	49.5	49.2	48.9	48.6	48.3	47.9	47.4	46.9	46.4	45.8	45.2
-65°	45.5	45.3	45.0	44.7	44.4	44.0	43.6	43.1	42.6	42.1	41.5
-66.25°	41.5	41.3	41.1	40.8	40.5	40.1	39.7	39.3	38.8	38.3	37.8
-67.5°	37.6	37.4	37.2	37.0	36.7	36.4	36.1	35.7	35.4	34.9	34.5
-68.75°	34.1	34.0	33.8	33.6	33.3	33.0	32.7	32.4	32.0	31.6	31.2
-70°	30.7	30.6	30.4	30.2	30.0	29.8	29.6	29.3	29.0	28.7	28.4
-71.25°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.8	25.5
-72.5°	24.8	24.8	24.7	24.6	24.4	24.3	24.2	24.0	23.8	23.7	23.5
-73.75°	22.8	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.9	21.8	21.6
-75°	20.9	20.9	20.9	20.8	20.8	20.7	20.6	20.6	20.5	20.4	20.3
-76.25°	19.9	19.9	19.9	19.8	19.8	19.7	19.7	19.6	19.6	19.5	19.4
-77.5°	18.9	18.9	18.8	18.8	18.7	18.6	18.6	18.5	18.4	18.3	18.2



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	17.4	17.4	17.3	17.3	17.2	17.2	17.1	17.0	17.0	16.9	16.8
-80°	15.9	15.9	15.8	15.8	15.7	15.6	15.5	15.4	15.4	15.3	15.1
-81.25°	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.3
-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°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.5
-86.25°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.1
-87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	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: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
86.25°	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3
85°	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.5	6.4
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°	13.1	13.0	12.9	12.8	12.7	12.5	12.4	12.3	12.1	12.0	11.8
80°	15.0	14.9	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.7	13.5
78.75°	16.7	16.6	16.5	16.3	16.2	16.1	15.9	15.8	15.6	15.4	15.2
77.5°	18.1	18.0	17.8	17.7	17.6	17.4	17.3	17.1	17.0	16.8	16.6
76.25°	19.3	19.2	19.1	19.1	18.9	18.8	18.6	18.4	18.3	18.1	17.9
75°	20.3	20.2	20.1	20.0	19.9	19.7	19.6	19.5	19.4	19.2	19.1
73.75°	21.4	21.2	21.0	20.9	20.8	20.6	20.5	20.4	20.2	20.1	19.9
72.5°	23.3	23.0	22.8	22.6	22.3	22.0	21.8	21.5	21.2	20.9	20.8
71.25°	25.2	24.9	24.6	24.4	24.1	23.8	23.5	23.2	22.9	22.5	22.2
70°	28.0	27.6	27.2	26.8	26.3	25.9	25.4	24.9	24.6	24.2	23.8
68.75°	30.8	30.4	30.0	29.5	29.0	28.5	28.0	27.5	26.9	26.3	25.7
67.5°	34.0	33.5	33.0	32.4	31.8	31.2	30.6	30.0	29.5	28.8	28.2
66.25°	37.3	36.7	36.2	35.6	34.9	34.3	33.6	32.9	32.2	31.4	30.7
65°	40.9	40.2	39.5	38.8	38.1	37.4	36.6	35.9	35.1	34.3	33.5
63.75°	44.6	43.9	43.2	42.4	41.6	40.8	39.9	39.0	38.1	37.2	36.3
62.5°	48.3	47.6	46.8	46.0	45.2	44.3	43.4	42.4	41.4	40.4	39.3
61.25°	52.0	51.2	50.4	49.6	48.7	47.8	46.8	45.8	44.8	43.7	42.6
60°	55.0	54.6	54.0	53.2	52.2	51.3	50.2	49.2	48.1	47.0	45.8
58.75°	57.4	56.8	56.3	55.7	55.1	54.5	53.7	52.6	51.4	50.2	49.0
57.5°	59.8	59.1	58.5	57.9	57.3	56.6	55.9	55.2	54.5	53.5	52.2
56.25°	62.5	61.8	61.1	60.4	59.6	58.8	58.0	57.3	56.5	55.7	54.9
55°	65.1	64.6	63.8	63.0	62.2	61.3	60.4	59.5	58.6	57.7	56.9
53.75°	66.0	65.8	65.5	65.2	64.8	63.9	62.9	61.9	60.9	59.9	58.8
52.5°	66.9	66.7	66.4	66.1	65.8	65.5	65.1	64.4	63.4	62.3	61.1
51.25°	67.0	67.0	67.0	67.0	66.6	66.3	66.0	65.6	65.3	64.6	63.5
50°	67.0	67.0	67.0	67.0	67.0	67.0	66.8	66.4	66.1	65.7	65.3
48.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.9	66.4	66.0
47.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.8
46.25°	67.4	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
45°	68.3	68.0	67.6	67.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0
43.75°	69.3	68.9	68.5	68.1	67.7	67.3	67.0	67.0	67.0	67.0	67.0
42.5°	70.6	70.1	69.5	69.0	68.5	68.1	67.7	67.2	67.0	67.0	67.0
41.25°	71.9	71.4	70.8	70.2	69.5	68.9	68.5	68.0	67.5	67.0	67.0
40°	73.3	72.7	72.1	71.4	70.8	70.1	69.4	68.8	68.2	67.7	67.2
38.75°	74.6	73.9	73.3	72.7	72.0	71.3	70.5	69.8	69.0	68.5	67.9
37.5°	75.8	75.2	74.6	73.9	73.2	72.4	71.7	70.9	70.1	69.2	68.6
36.25°	77.1	76.5	75.8	75.1	74.4	73.6	72.8	72.0	71.2	70.3	69.4
35°	78.4	77.7	77.0	76.3	75.5	74.7	73.9	73.1	72.2	71.3	70.4



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	79.7	79.0	78.2	77.5	76.7	75.9	75.0	74.2	73.3	72.4	71.4
32.5°	80.9	80.2	79.4	78.6	77.8	77.0	76.1	75.2	74.3	73.4	72.4
31.25°	83.3	81.8	80.6	79.8	78.9	78.1	77.2	76.3	75.3	74.4	73.4
30°	85.7	84.2	82.5	80.9	80.1	79.2	78.2	77.3	76.3	75.3	74.3
28.75°	90.2	86.5	84.8	83.1	81.3	80.2	79.3	78.3	77.3	76.3	75.2
27.5°	96.9	92.2	87.2	85.3	83.4	81.5	80.3	79.3	78.2	77.2	76.1
26.25°	103.6	98.6	93.5	88.2	85.5	83.5	81.5	80.2	79.2	78.1	77.0
25°	111.1	105.1	99.6	94.2	88.5	85.5	83.4	81.3	80.1	78.9	77.8
23.75°	118.6	112.4	105.9	100.0	94.2	88.2	85.3	83.1	80.9	79.8	78.6
22.5°	127.2	119.5	112.8	105.9	99.6	93.5	87.2	84.8	82.5	80.6	79.4
21.25°	142.2	127.9	119.5	112.4	105.1	98.6	92.2	86.5	84.2	81.8	80.2
20°	174.8	142.2	127.2	118.6	111.1	103.6	96.9	90.2	85.7	83.3	80.9
18.75°	248.9	172.2	138.0	125.1	116.9	109.1	101.5	94.6	87.6	84.7	82.2
17.5°	343.6	238.4	165.8	134.4	122.5	114.4	106.2	98.8	91.7	86.1	83.5
16.25°	448.3	321.0	217.6	155.2	130.1	119.5	111.1	102.8	95.5	88.1	84.8
15°	556.7	412.3	283.7	186.7	140.5	124.4	115.7	107.0	99.1	91.5	85.9
13.75°	665.4	508.5	362.7	240.7	162.3	131.7	120.0	111.1	102.4	94.8	87.0
12.5°	767.6	604.2	445.0	302.7	194.2	141.4	124.0	114.9	105.8	97.7	89.9
11.25°	862.5	694.5	524.5	367.8	238.6	159.2	129.9	118.4	109.2	100.5	92.5
10°	935.8	777.1	602.7	434.1	285.9	177.2	135.3	121.6	112.2	102.9	94.9
8.75°	984.0	851.7	673.3	496.2	336.6	211.7	146.1	124.7	114.9	105.3	97.0
7.5°	1026.7	916.2	735.6	552.6	381.1	242.0	158.2	128.8	117.3	107.6	98.8
6.25°	1063.6	950.9	789.2	603.3	425.0	270.3	168.6	132.3	119.3	109.5	100.4
5°	1094.2	979.7	833.6	645.2	461.7	300.3	181.4	135.1	121.0	111.1	101.7
3.75°	1118.4	1002.4	868.6	678.2	490.6	323.8	197.3	138.0	122.3	112.4	102.7
2.5°	1135.9	1018.8	893.7	701.9	511.3	340.7	208.8	142.6	123.2	113.3	103.4
1.25°	1146.5	1028.7	908.9	716.2	523.8	350.9	215.7	145.3	123.8	113.8	103.9
0°	1150.0	1032.0	914.0	721.0	528.0	354.3	218.0	146.3	124.0	114.0	104.0
-1.25°	1146.5	1028.7	908.9	716.2	523.8	350.9	215.7	145.3	123.8	113.8	103.9
-2.5°	1135.9	1018.8	893.7	701.9	511.3	340.7	208.8	142.6	123.2	113.3	103.4
-3.75°	1118.4	1002.4	868.6	678.2	490.6	323.8	197.3	138.0	122.3	112.4	102.7
-5°	1094.2	979.7	833.6	645.2	461.7	300.3	181.4	135.1	121.0	111.1	101.7
-6.25°	1063.6	950.9	789.2	603.3	425.0	270.3	168.6	132.3	119.3	109.5	100.4
-7.5°	1026.7	916.2	735.6	552.6	381.1	242.0	158.2	128.8	117.3	107.6	98.8
-8.75°	984.0	851.7	673.3	496.2	336.6	211.7	146.1	124.7	114.9	105.3	97.0
-10°	935.8	777.1	602.7	434.1	285.9	177.2	135.3	121.6	112.2	102.9	94.9
-11.25°	862.5	694.5	524.5	367.8	238.6	159.2	129.9	118.4	109.2	100.5	92.5
-12.5°	767.6	604.2	445.0	302.7	194.2	141.4	124.0	114.9	105.8	97.7	89.9
-13.75°	665.4	508.5	362.7	240.7	162.3	131.7	120.0	111.1	102.4	94.8	87.0
-15°	556.7	412.3	283.7	186.7	140.5	124.4	115.7	107.0	99.1	91.5	85.9
-16.25°	448.3	321.0	217.6	155.2	130.1	119.5	111.1	102.8	95.5	88.1	84.8
-17.5°	343.6	238.4	165.8	134.4	122.5	114.4	106.2	98.8	91.7	86.1	83.5
-18.75°	248.9	172.2	138.0	125.1	116.9	109.1	101.5	94.6	87.6	84.7	82.2
-20°	174.8	142.2	127.2	118.6	111.1	103.6	96.9	90.2	85.7	83.3	80.9
-21.25°	142.2	127.9	119.5	112.4	105.1	98.6	92.2	86.5	84.2	81.8	80.2



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	127.2	119.5	112.8	105.9	99.6	93.5	87.2	84.8	82.5	80.6	79.4
-23.75°	118.6	112.4	105.9	100.0	94.2	88.2	85.3	83.1	80.9	79.8	78.6
-25°	111.1	105.1	99.6	94.2	88.5	85.5	83.4	81.3	80.1	78.9	77.8
-26.25°	103.6	98.6	93.5	88.2	85.5	83.5	81.5	80.2	79.2	78.1	77.0
-27.5°	96.9	92.2	87.2	85.3	83.4	81.5	80.3	79.3	78.2	77.2	76.1
-28.75°	90.2	86.5	84.8	83.1	81.3	80.2	79.3	78.3	77.3	76.3	75.2
-30°	85.7	84.2	82.5	80.9	80.1	79.2	78.2	77.3	76.3	75.3	74.3
-31.25°	83.3	81.8	80.6	79.8	78.9	78.1	77.2	76.3	75.3	74.4	73.4
-32.5°	80.9	80.2	79.4	78.6	77.8	77.0	76.1	75.2	74.3	73.4	72.4
-33.75°	79.7	79.0	78.2	77.5	76.7	75.9	75.0	74.2	73.3	72.4	71.4
-35°	78.4	77.7	77.0	76.3	75.5	74.7	73.9	73.1	72.2	71.3	70.4
-36.25°	77.1	76.5	75.8	75.1	74.4	73.6	72.8	72.0	71.2	70.3	69.4
-37.5°	75.8	75.2	74.6	73.9	73.2	72.4	71.7	70.9	70.1	69.2	68.6
-38.75°	74.6	73.9	73.3	72.7	72.0	71.3	70.5	69.8	69.0	68.5	67.9
-40°	73.3	72.7	72.1	71.4	70.8	70.1	69.4	68.8	68.2	67.7	67.2
-41.25°	71.9	71.4	70.8	70.2	69.5	68.9	68.5	68.0	67.5	67.0	67.0
-42.5°	70.6	70.1	69.5	69.0	68.5	68.1	67.7	67.2	67.0	67.0	67.0
-43.75°	69.3	68.9	68.5	68.1	67.7	67.3	67.0	67.0	67.0	67.0	67.0
-45°	68.3	68.0	67.6	67.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-46.25°	67.4	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
-47.5°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.8
-48.75°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.9	66.4	66.0
-50°	67.0	67.0	67.0	67.0	67.0	67.0	66.8	66.4	66.1	65.7	65.3
-51.25°	67.0	67.0	67.0	67.0	66.6	66.3	66.0	65.6	65.3	64.6	63.5
-52.5°	66.9	66.7	66.4	66.1	65.8	65.5	65.1	64.4	63.4	62.3	61.1
-53.75°	66.0	65.8	65.5	65.2	64.8	63.9	62.9	61.9	60.9	59.9	58.8
-55°	65.1	64.6	63.8	63.0	62.2	61.3	60.4	59.5	58.6	57.7	56.9
-56.25°	62.5	61.8	61.1	60.4	59.6	58.8	58.0	57.3	56.5	55.7	54.9
-57.5°	59.8	59.1	58.5	57.9	57.3	56.6	55.9	55.2	54.5	53.5	52.2
-58.75°	57.4	56.8	56.3	55.7	55.1	54.5	53.7	52.6	51.4	50.2	49.0
-60°	55.0	54.6	54.0	53.2	52.2	51.3	50.2	49.2	48.1	47.0	45.8
-61.25°	52.0	51.2	50.4	49.6	48.7	47.8	46.8	45.8	44.8	43.7	42.6
-62.5°	48.3	47.6	46.8	46.0	45.2	44.3	43.4	42.4	41.4	40.4	39.3
-63.75°	44.6	43.9	43.2	42.4	41.6	40.8	39.9	39.0	38.1	37.2	36.3
-65°	40.9	40.2	39.5	38.8	38.1	37.4	36.6	35.9	35.1	34.3	33.5
-66.25°	37.3	36.7	36.2	35.6	34.9	34.3	33.6	32.9	32.2	31.4	30.7
-67.5°	34.0	33.5	33.0	32.4	31.8	31.2	30.6	30.0	29.5	28.8	28.2
-68.75°	30.8	30.4	30.0	29.5	29.0	28.5	28.0	27.5	26.9	26.3	25.7
-70°	28.0	27.6	27.2	26.8	26.3	25.9	25.4	24.9	24.6	24.2	23.8
-71.25°	25.2	24.9	24.6	24.4	24.1	23.8	23.5	23.2	22.9	22.5	22.2
-72.5°	23.3	23.0	22.8	22.6	22.3	22.0	21.8	21.5	21.2	20.9	20.8
-73.75°	21.4	21.2	21.0	20.9	20.8	20.6	20.5	20.4	20.2	20.1	19.9
-75°	20.3	20.2	20.1	20.0	19.9	19.7	19.6	19.5	19.4	19.2	19.1
-76.25°	19.3	19.2	19.1	19.1	18.9	18.8	18.6	18.4	18.3	18.1	17.9
-77.5°	18.1	18.0	17.8	17.7	17.6	17.4	17.3	17.1	17.0	16.8	16.6



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	16.7	16.6	16.5	16.3	16.2	16.1	15.9	15.8	15.6	15.4	15.2
-80°	15.0	14.9	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.7	13.5
-81.25°	13.1	13.0	12.9	12.8	12.7	12.5	12.4	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°	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.5	6.4
-86.25°	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3
-87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-88.75°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	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: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
86.25°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2
85°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9
83.75°	8.3	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.8	6.6
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°	13.3	13.1	12.9	12.7	12.5	12.2	12.0	11.8	11.5	11.3	11.0
78.75°	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.2	13.0	12.7	12.4
77.5°	16.4	16.3	16.1	15.8	15.5	15.3	15.0	14.7	14.4	14.1	13.8
76.25°	17.7	17.5	17.3	17.0	16.8	16.6	16.4	16.1	15.8	15.5	15.1
75°	18.9	18.7	18.5	18.2	18.0	17.7	17.5	17.2	16.9	16.7	16.4
73.75°	19.8	19.6	19.4	19.3	19.1	18.9	18.6	18.3	18.0	17.7	17.4
72.5°	20.6	20.4	20.2	20.0	19.9	19.7	19.5	19.2	19.0	18.7	18.4
71.25°	21.8	21.4	21.0	20.8	20.6	20.4	20.2	20.0	19.7	19.5	19.3
70°	23.4	23.0	22.6	22.2	21.8	21.3	20.9	20.7	20.4	20.2	19.9
68.75°	25.1	24.6	24.2	23.7	23.3	22.8	22.3	21.8	21.3	20.9	20.6
67.5°	27.5	26.8	26.1	25.4	24.8	24.3	23.8	23.2	22.7	22.1	21.6
66.25°	30.0	29.2	28.5	27.7	26.9	26.1	25.3	24.6	24.1	23.5	22.9
65°	32.6	31.7	30.8	30.0	29.2	28.3	27.5	26.6	25.7	24.8	24.2
63.75°	35.4	34.5	33.5	32.5	31.5	30.5	29.6	28.7	27.7	26.7	25.7
62.5°	38.2	37.2	36.2	35.2	34.1	33.0	31.9	30.8	29.8	28.7	27.7
61.25°	41.4	40.3	39.0	37.8	36.7	35.5	34.4	33.2	31.9	30.7	29.6
60°	44.6	43.4	42.1	40.8	39.4	38.1	36.8	35.6	34.3	33.0	31.6
58.75°	47.8	46.5	45.1	43.8	42.4	40.9	39.5	38.0	36.6	35.3	33.9
57.5°	50.9	49.6	48.2	46.7	45.3	43.8	42.2	40.7	39.1	37.5	36.1
56.25°	54.0	52.6	51.2	49.7	48.2	46.6	45.0	43.4	41.7	40.0	38.3
55°	56.0	55.0	54.1	52.6	51.0	49.4	47.7	46.1	44.3	42.6	40.8
53.75°	57.9	56.9	56.0	55.0	53.9	52.2	50.5	48.7	46.9	45.1	43.2
52.5°	60.0	58.8	57.8	56.8	55.7	54.6	53.2	51.3	49.5	47.6	45.7
51.25°	62.3	61.0	59.8	58.5	57.4	56.3	55.1	53.9	52.0	50.1	48.1
50°	64.5	63.3	61.9	60.6	59.2	58.0	56.8	55.6	54.3	52.5	50.5
48.75°	65.6	65.2	64.1	62.7	61.3	59.8	58.4	57.2	55.9	54.6	52.8
47.5°	66.3	65.9	65.4	64.8	63.3	61.8	60.3	58.7	57.4	56.1	54.7
46.25°	67.0	66.6	66.1	65.6	65.1	63.8	62.2	60.6	58.9	57.5	56.1
45°	67.0	67.0	66.8	66.3	65.8	65.2	64.1	62.4	60.7	59.0	57.5
43.75°	67.0	67.0	67.0	67.0	66.4	65.9	65.3	64.2	62.5	60.7	58.9
42.5°	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.3	64.2	62.4	60.6
41.25°	67.0	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.3	64.1	62.2
40°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.2	63.8
38.75°	67.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.4	65.8	65.1
37.5°	68.0	67.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.3	65.6
36.25°	68.7	68.1	67.5	67.0	67.0	67.0	67.0	67.0	67.0	66.8	66.1
35°	69.5	68.7	68.1	67.4	67.0	67.0	67.0	67.0	67.0	67.0	66.6

REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
33.75°	70.5	69.5	68.7	68.0	67.3	67.0	67.0	67.0	67.0	67.0	67.0
32.5°	71.4	70.4	69.4	68.6	67.9	67.2	67.0	67.0	67.0	67.0	67.0
31.25°	72.4	71.3	70.3	69.2	68.5	67.7	67.0	67.0	67.0	67.0	67.0
30°	73.3	72.2	71.2	70.1	69.0	68.2	67.5	67.0	67.0	67.0	67.0
28.75°	74.2	73.1	72.0	70.9	69.8	68.8	68.0	67.2	67.0	67.0	67.0
27.5°	75.0	73.9	72.8	71.7	70.5	69.4	68.5	67.7	67.0	67.0	67.0
26.25°	75.9	74.7	73.6	72.4	71.3	70.1	68.9	68.1	67.3	67.0	67.0
25°	76.7	75.5	74.4	73.2	72.0	70.8	69.5	68.5	67.7	67.0	67.0
23.75°	77.5	76.3	75.1	73.9	72.7	71.4	70.2	69.0	68.1	67.3	67.0
22.5°	78.2	77.0	75.8	74.6	73.3	72.1	70.8	69.5	68.5	67.6	67.0
21.25°	79.0	77.7	76.5	75.2	73.9	72.7	71.4	70.1	68.9	68.0	67.1
20°	79.7	78.4	77.1	75.8	74.6	73.3	71.9	70.6	69.3	68.3	67.4
18.75°	80.3	79.0	77.7	76.4	75.1	73.8	72.5	71.1	69.8	68.6	67.7
17.5°	81.0	79.6	78.3	77.0	75.7	74.3	73.0	71.6	70.3	68.9	68.0
16.25°	82.1	80.2	78.9	77.5	76.2	74.8	73.4	72.1	70.7	69.3	68.3
15°	83.2	80.8	79.4	78.0	76.7	75.3	73.9	72.5	71.1	69.7	68.5
13.75°	84.3	81.5	79.9	78.5	77.1	75.7	74.3	72.9	71.5	70.1	68.8
12.5°	85.2	82.5	80.3	78.9	77.5	76.1	74.7	73.2	71.8	70.4	69.0
11.25°	86.1	83.3	80.7	79.3	77.9	76.4	75.0	73.6	72.1	70.7	69.2
10°	86.9	84.1	81.2	79.7	78.2	76.8	75.3	73.9	72.4	71.0	69.5
8.75°	88.8	84.7	81.8	80.0	78.5	77.1	75.6	74.1	72.7	71.2	69.7
7.5°	90.6	85.3	82.4	80.2	78.8	77.3	75.8	74.4	72.9	71.4	69.9
6.25°	92.1	85.8	82.9	80.5	79.0	77.5	76.0	74.6	73.1	71.6	70.1
5°	93.3	86.3	83.3	80.7	79.2	77.7	76.2	74.7	73.2	71.7	70.2
3.75°	94.3	86.6	83.6	80.8	79.3	77.8	76.3	74.8	73.3	71.9	70.4
2.5°	94.9	86.8	83.8	80.9	79.4	77.9	76.4	74.9	73.4	71.9	70.4
1.25°	95.4	87.0	84.0	81.0	79.5	78.0	76.5	75.0	73.5	72.0	70.5
0°	95.5	87.0	84.0	81.0	79.5	78.0	76.5	75.0	73.5	72.0	70.5
-1.25°	95.4	87.0	84.0	81.0	79.5	78.0	76.5	75.0	73.5	72.0	70.5
-2.5°	94.9	86.8	83.8	80.9	79.4	77.9	76.4	74.9	73.4	71.9	70.4
-3.75°	94.3	86.6	83.6	80.8	79.3	77.8	76.3	74.8	73.3	71.9	70.4
-5°	93.3	86.3	83.3	80.7	79.2	77.7	76.2	74.7	73.2	71.7	70.2
-6.25°	92.1	85.8	82.9	80.5	79.0	77.5	76.0	74.6	73.1	71.6	70.1
-7.5°	90.6	85.3	82.4	80.2	78.8	77.3	75.8	74.4	72.9	71.4	69.9
-8.75°	88.8	84.7	81.8	80.0	78.5	77.1	75.6	74.1	72.7	71.2	69.7
-10°	86.9	84.1	81.2	79.7	78.2	76.8	75.3	73.9	72.4	71.0	69.5
-11.25°	86.1	83.3	80.7	79.3	77.9	76.4	75.0	73.6	72.1	70.7	69.2
-12.5°	85.2	82.5	80.3	78.9	77.5	76.1	74.7	73.2	71.8	70.4	69.0
-13.75°	84.3	81.5	79.9	78.5	77.1	75.7	74.3	72.9	71.5	70.1	68.8
-15°	83.2	80.8	79.4	78.0	76.7	75.3	73.9	72.5	71.1	69.7	68.5
-16.25°	82.1	80.2	78.9	77.5	76.2	74.8	73.4	72.1	70.7	69.3	68.3
-17.5°	81.0	79.6	78.3	77.0	75.7	74.3	73.0	71.6	70.3	68.9	68.0
-18.75°	80.3	79.0	77.7	76.4	75.1	73.8	72.5	71.1	69.8	68.6	67.7
-20°	79.7	78.4	77.1	75.8	74.6	73.3	71.9	70.6	69.3	68.3	67.4
-21.25°	79.0	77.7	76.5	75.2	73.9	72.7	71.4	70.1	68.9	68.0	67.1



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
-22.5°	78.2	77.0	75.8	74.6	73.3	72.1	70.8	69.5	68.5	67.6	67.0
-23.75°	77.5	76.3	75.1	73.9	72.7	71.4	70.2	69.0	68.1	67.3	67.0
-25°	76.7	75.5	74.4	73.2	72.0	70.8	69.5	68.5	67.7	67.0	67.0
-26.25°	75.9	74.7	73.6	72.4	71.3	70.1	68.9	68.1	67.3	67.0	67.0
-27.5°	75.0	73.9	72.8	71.7	70.5	69.4	68.5	67.7	67.0	67.0	67.0
-28.75°	74.2	73.1	72.0	70.9	69.8	68.8	68.0	67.2	67.0	67.0	67.0
-30°	73.3	72.2	71.2	70.1	69.0	68.2	67.5	67.0	67.0	67.0	67.0
-31.25°	72.4	71.3	70.3	69.2	68.5	67.7	67.0	67.0	67.0	67.0	67.0
-32.5°	71.4	70.4	69.4	68.6	67.9	67.2	67.0	67.0	67.0	67.0	67.0
-33.75°	70.5	69.5	68.7	68.0	67.3	67.0	67.0	67.0	67.0	67.0	67.0
-35°	69.5	68.7	68.1	67.4	67.0	67.0	67.0	67.0	67.0	67.0	66.6
-36.25°	68.7	68.1	67.5	67.0	67.0	67.0	67.0	67.0	67.0	66.8	66.1
-37.5°	68.0	67.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.3	65.6
-38.75°	67.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.4	65.8	65.1
-40°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.2	63.8
-41.25°	67.0	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.3	64.1	62.2
-42.5°	67.0	67.0	67.0	67.0	67.0	66.5	65.9	65.3	64.2	62.4	60.6
-43.75°	67.0	67.0	67.0	67.0	66.4	65.9	65.3	64.2	62.5	60.7	58.9
-45°	67.0	67.0	66.8	66.3	65.8	65.2	64.1	62.4	60.7	59.0	57.5
-46.25°	67.0	66.6	66.1	65.6	65.1	63.8	62.2	60.6	58.9	57.5	56.1
-47.5°	66.3	65.9	65.4	64.8	63.3	61.8	60.3	58.7	57.4	56.1	54.7
-48.75°	65.6	65.2	64.1	62.7	61.3	59.8	58.4	57.2	55.9	54.6	52.8
-50°	64.5	63.3	61.9	60.6	59.2	58.0	56.8	55.6	54.3	52.5	50.5
-51.25°	62.3	61.0	59.8	58.5	57.4	56.3	55.1	53.9	52.0	50.1	48.1
-52.5°	60.0	58.8	57.8	56.8	55.7	54.6	53.2	51.3	49.5	47.6	45.7
-53.75°	57.9	56.9	56.0	55.0	53.9	52.2	50.5	48.7	46.9	45.1	43.2
-55°	56.0	55.0	54.1	52.6	51.0	49.4	47.7	46.1	44.3	42.6	40.8
-56.25°	54.0	52.6	51.2	49.7	48.2	46.6	45.0	43.4	41.7	40.0	38.3
-57.5°	50.9	49.6	48.2	46.7	45.3	43.8	42.2	40.7	39.1	37.5	36.1
-58.75°	47.8	46.5	45.1	43.8	42.4	40.9	39.5	38.0	36.6	35.3	33.9
-60°	44.6	43.4	42.1	40.8	39.4	38.1	36.8	35.6	34.3	33.0	31.6
-61.25°	41.4	40.3	39.0	37.8	36.7	35.5	34.4	33.2	31.9	30.7	29.6
-62.5°	38.2	37.2	36.2	35.2	34.1	33.0	31.9	30.8	29.8	28.7	27.7
-63.75°	35.4	34.5	33.5	32.5	31.5	30.5	29.6	28.7	27.7	26.7	25.7
-65°	32.6	31.7	30.8	30.0	29.2	28.3	27.5	26.6	25.7	24.8	24.2
-66.25°	30.0	29.2	28.5	27.7	26.9	26.1	25.3	24.6	24.1	23.5	22.9
-67.5°	27.5	26.8	26.1	25.4	24.8	24.3	23.8	23.2	22.7	22.1	21.6
-68.75°	25.1	24.6	24.2	23.7	23.3	22.8	22.3	21.8	21.3	20.9	20.6
-70°	23.4	23.0	22.6	22.2	21.8	21.3	20.9	20.7	20.4	20.2	19.9
-71.25°	21.8	21.4	21.0	20.8	20.6	20.4	20.2	20.0	19.7	19.5	19.3
-72.5°	20.6	20.4	20.2	20.0	19.9	19.7	19.5	19.2	19.0	18.7	18.4
-73.75°	19.8	19.6	19.4	19.3	19.1	18.9	18.6	18.3	18.0	17.7	17.4
-75°	18.9	18.7	18.5	18.2	18.0	17.7	17.5	17.2	16.9	16.7	16.4
-76.25°	17.7	17.5	17.3	17.0	16.8	16.6	16.4	16.1	15.8	15.5	15.1
-77.5°	16.4	16.3	16.1	15.8	15.5	15.3	15.0	14.7	14.4	14.1	13.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
-78.75°	14.9	14.7	14.5	14.2	14.0	13.8	13.5	13.2	13.0	12.7	12.4
-80°	13.3	13.1	12.9	12.7	12.5	12.2	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	7.7	7.6	7.4	7.2	7.0	6.8	6.6
-85°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9
-86.25°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-88.75°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
86.25°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
85°	4.8	4.6	4.4	4.3	4.1	3.9	3.7	3.6	3.4	3.2	3.0
83.75°	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.2
82.5°	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.3	6.0	5.8	5.5
81.25°	9.4	9.2	9.0	8.7	8.5	8.3	8.0	7.7	7.4	7.1	6.7
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°	13.5	13.1	12.8	12.5	12.1	11.8	11.4	11.1	10.7	10.3	9.9
76.25°	14.8	14.4	14.1	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9
75°	16.1	15.7	15.3	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.9
73.75°	17.1	16.8	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.4	12.9
72.5°	18.1	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.8
71.25°	19.0	18.7	18.3	17.9	17.5	17.1	16.7	16.3	15.9	15.4	14.8
70°	19.7	19.4	19.2	18.8	18.4	18.0	17.6	17.1	16.7	16.3	15.8
68.75°	20.3	20.1	19.8	19.5	19.2	18.9	18.4	17.9	17.5	17.0	16.5
67.5°	21.0	20.7	20.4	20.1	19.8	19.5	19.1	18.7	18.2	17.7	17.2
66.25°	22.3	21.6	21.0	20.7	20.4	20.0	19.7	19.3	19.0	18.5	17.9
65°	23.5	22.9	22.2	21.5	20.9	20.6	20.2	19.9	19.5	19.1	18.6
63.75°	24.8	24.1	23.4	22.7	22.0	21.3	20.8	20.4	20.0	19.6	19.2
62.5°	26.6	25.5	24.6	23.9	23.1	22.4	21.6	20.9	20.5	20.1	19.7
61.25°	28.5	27.4	26.2	25.1	24.2	23.4	22.6	21.8	21.0	20.6	20.1
60°	30.4	29.2	28.0	26.8	25.5	24.5	23.7	22.8	21.9	21.1	20.6
58.75°	32.4	31.0	29.7	28.5	27.2	25.9	24.7	23.8	22.9	22.0	21.1
57.5°	34.6	33.1	31.6	30.2	28.8	27.5	26.1	24.8	23.8	22.9	21.9
56.25°	36.7	35.2	33.6	32.0	30.4	29.0	27.6	26.1	24.8	23.8	22.8
55°	39.0	37.2	35.6	33.9	32.2	30.6	29.1	27.6	26.1	24.7	23.7
53.75°	41.3	39.4	37.5	35.8	34.1	32.3	30.6	29.0	27.5	25.9	24.5
52.5°	43.7	41.7	39.7	37.7	35.9	34.1	32.2	30.4	28.8	27.2	25.5
51.25°	46.1	44.0	41.9	39.8	37.7	35.8	33.9	32.0	30.2	28.5	26.8
50°	48.4	46.2	44.1	41.9	39.7	37.5	35.6	33.6	31.6	29.7	28.0
48.75°	50.6	48.5	46.2	44.0	41.7	39.4	37.2	35.2	33.1	31.0	29.2
47.5°	52.9	50.6	48.4	46.1	43.7	41.3	39.0	36.7	34.6	32.4	30.4
46.25°	54.7	52.8	50.5	48.1	45.7	43.2	40.8	38.3	36.1	33.9	31.6
45°	56.1	54.6	52.5	50.1	47.6	45.1	42.6	40.0	37.5	35.3	33.0
43.75°	57.4	55.9	54.3	52.0	49.5	46.9	44.3	41.7	39.1	36.6	34.3
42.5°	58.7	57.2	55.6	53.9	51.3	48.7	46.1	43.4	40.7	38.0	35.6
41.25°	60.3	58.4	56.8	55.1	53.2	50.5	47.7	45.0	42.2	39.5	36.8
40°	61.8	59.8	58.0	56.3	54.6	52.2	49.4	46.6	43.8	40.9	38.1
38.75°	63.3	61.3	59.2	57.4	55.7	53.9	51.0	48.2	45.3	42.4	39.4
37.5°	64.8	62.7	60.6	58.5	56.8	55.0	52.6	49.7	46.7	43.8	40.8
36.25°	65.4	64.1	61.9	59.8	57.8	56.0	54.1	51.2	48.2	45.1	42.1
35°	65.9	65.2	63.3	61.0	58.8	56.9	55.0	52.6	49.6	46.5	43.4



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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°	66.3	65.6	64.5	62.3	60.0	57.9	56.0	54.0	50.9	47.8	44.6
32.5°	66.8	66.0	65.3	63.5	61.1	58.8	56.9	54.9	52.2	49.0	45.8
31.25°	67.0	66.4	65.7	64.6	62.3	59.9	57.7	55.7	53.5	50.2	47.0
30°	67.0	66.9	66.1	65.3	63.4	60.9	58.6	56.5	54.5	51.4	48.1
28.75°	67.0	67.0	66.4	65.6	64.4	61.9	59.5	57.3	55.2	52.6	49.2
27.5°	67.0	67.0	66.8	66.0	65.1	62.9	60.4	58.0	55.9	53.7	50.2
26.25°	67.0	67.0	67.0	66.3	65.5	63.9	61.3	58.8	56.6	54.5	51.3
25°	67.0	67.0	67.0	66.6	65.8	64.8	62.2	59.6	57.3	55.1	52.2
23.75°	67.0	67.0	67.0	67.0	66.1	65.2	63.0	60.4	57.9	55.7	53.2
22.5°	67.0	67.0	67.0	67.0	66.4	65.5	63.8	61.1	58.5	56.3	54.0
21.25°	67.0	67.0	67.0	67.0	66.7	65.8	64.6	61.8	59.1	56.8	54.6
20°	67.0	67.0	67.0	67.0	66.9	66.0	65.1	62.5	59.8	57.4	55.0
18.75°	67.0	67.0	67.0	67.0	67.0	66.2	65.3	63.2	60.4	57.8	55.5
17.5°	67.1	67.0	67.0	67.0	67.0	66.5	65.5	63.8	61.0	58.3	56.0
16.25°	67.3	67.0	67.0	67.0	67.0	66.7	65.7	64.4	61.5	58.7	56.4
15°	67.6	67.0	67.0	67.0	67.0	66.9	65.9	64.9	62.0	59.2	56.8
13.75°	67.8	67.0	67.0	67.0	67.0	67.0	66.1	65.1	62.5	59.6	57.1
12.5°	68.0	67.1	67.0	67.0	67.0	67.0	66.2	65.3	62.9	60.0	57.4
11.25°	68.2	67.2	67.0	67.0	67.0	67.0	66.4	65.4	63.3	60.4	57.7
10°	68.4	67.4	67.0	67.0	67.0	67.0	66.5	65.5	63.7	60.7	58.0
8.75°	68.5	67.5	67.0	67.0	67.0	67.0	66.6	65.6	64.0	61.0	58.2
7.5°	68.6	67.7	67.0	67.0	67.0	67.0	66.7	65.7	64.3	61.3	58.4
6.25°	68.8	67.8	67.0	67.0	67.0	67.0	66.8	65.8	64.5	61.5	58.6
5°	68.8	67.8	67.0	67.0	67.0	67.0	66.9	65.9	64.7	61.7	58.7
3.75°	68.9	67.9	67.0	67.0	67.0	67.0	66.9	65.9	64.8	61.8	58.9
2.5°	69.0	68.0	67.0	67.0	67.0	67.0	67.0	66.0	64.9	61.9	58.9
1.25°	69.0	68.0	67.0	67.0	67.0	67.0	67.0	66.0	65.0	62.0	59.0
0°	69.0	68.0	67.0	67.0	67.0	67.0	67.0	66.0	65.0	62.0	59.0
-1.25°	69.0	68.0	67.0	67.0	67.0	67.0	67.0	66.0	65.0	62.0	59.0
-2.5°	69.0	68.0	67.0	67.0	67.0	67.0	67.0	66.0	64.9	61.9	58.9
-3.75°	68.9	67.9	67.0	67.0	67.0	67.0	66.9	65.9	64.8	61.8	58.9
-5°	68.8	67.8	67.0	67.0	67.0	67.0	66.9	65.9	64.7	61.7	58.7
-6.25°	68.8	67.8	67.0	67.0	67.0	67.0	66.8	65.8	64.5	61.5	58.6
-7.5°	68.6	67.7	67.0	67.0	67.0	67.0	66.7	65.7	64.3	61.3	58.4
-8.75°	68.5	67.5	67.0	67.0	67.0	67.0	66.6	65.6	64.0	61.0	58.2
-10°	68.4	67.4	67.0	67.0	67.0	67.0	66.5	65.5	63.7	60.7	58.0
-11.25°	68.2	67.2	67.0	67.0	67.0	67.0	66.4	65.4	63.3	60.4	57.7
-12.5°	68.0	67.1	67.0	67.0	67.0	67.0	66.2	65.3	62.9	60.0	57.4
-13.75°	67.8	67.0	67.0	67.0	67.0	67.0	66.1	65.1	62.5	59.6	57.1
-15°	67.6	67.0	67.0	67.0	67.0	66.9	65.9	64.9	62.0	59.2	56.8
-16.25°	67.3	67.0	67.0	67.0	67.0	66.7	65.7	64.4	61.5	58.7	56.4
-17.5°	67.1	67.0	67.0	67.0	67.0	66.5	65.5	63.8	61.0	58.3	56.0
-18.75°	67.0	67.0	67.0	67.0	67.0	66.2	65.3	63.2	60.4	57.8	55.5
-20°	67.0	67.0	67.0	67.0	66.9	66.0	65.1	62.5	59.8	57.4	55.0
-21.25°	67.0	67.0	67.0	67.0	66.7	65.8	64.6	61.8	59.1	56.8	54.6



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
-22.5°	67.0	67.0	67.0	67.0	66.4	65.5	63.8	61.1	58.5	56.3	54.0
-23.75°	67.0	67.0	67.0	67.0	66.1	65.2	63.0	60.4	57.9	55.7	53.2
-25°	67.0	67.0	67.0	66.6	65.8	64.8	62.2	59.6	57.3	55.1	52.2
-26.25°	67.0	67.0	67.0	66.3	65.5	63.9	61.3	58.8	56.6	54.5	51.3
-27.5°	67.0	67.0	66.8	66.0	65.1	62.9	60.4	58.0	55.9	53.7	50.2
-28.75°	67.0	67.0	66.4	65.6	64.4	61.9	59.5	57.3	55.2	52.6	49.2
-30°	67.0	66.9	66.1	65.3	63.4	60.9	58.6	56.5	54.5	51.4	48.1
-31.25°	67.0	66.4	65.7	64.6	62.3	59.9	57.7	55.7	53.5	50.2	47.0
-32.5°	66.8	66.0	65.3	63.5	61.1	58.8	56.9	54.9	52.2	49.0	45.8
-33.75°	66.3	65.6	64.5	62.3	60.0	57.9	56.0	54.0	50.9	47.8	44.6
-35°	65.9	65.2	63.3	61.0	58.8	56.9	55.0	52.6	49.6	46.5	43.4
-36.25°	65.4	64.1	61.9	59.8	57.8	56.0	54.1	51.2	48.2	45.1	42.1
-37.5°	64.8	62.7	60.6	58.5	56.8	55.0	52.6	49.7	46.7	43.8	40.8
-38.75°	63.3	61.3	59.2	57.4	55.7	53.9	51.0	48.2	45.3	42.4	39.4
-40°	61.8	59.8	58.0	56.3	54.6	52.2	49.4	46.6	43.8	40.9	38.1
-41.25°	60.3	58.4	56.8	55.1	53.2	50.5	47.7	45.0	42.2	39.5	36.8
-42.5°	58.7	57.2	55.6	53.9	51.3	48.7	46.1	43.4	40.7	38.0	35.6
-43.75°	57.4	55.9	54.3	52.0	49.5	46.9	44.3	41.7	39.1	36.6	34.3
-45°	56.1	54.6	52.5	50.1	47.6	45.1	42.6	40.0	37.5	35.3	33.0
-46.25°	54.7	52.8	50.5	48.1	45.7	43.2	40.8	38.3	36.1	33.9	31.6
-47.5°	52.9	50.6	48.4	46.1	43.7	41.3	39.0	36.7	34.6	32.4	30.4
-48.75°	50.6	48.5	46.2	44.0	41.7	39.4	37.2	35.2	33.1	31.0	29.2
-50°	48.4	46.2	44.1	41.9	39.7	37.5	35.6	33.6	31.6	29.7	28.0
-51.25°	46.1	44.0	41.9	39.8	37.7	35.8	33.9	32.0	30.2	28.5	26.8
-52.5°	43.7	41.7	39.7	37.7	35.9	34.1	32.2	30.4	28.8	27.2	25.5
-53.75°	41.3	39.4	37.5	35.8	34.1	32.3	30.6	29.0	27.5	25.9	24.5
-55°	39.0	37.2	35.6	33.9	32.2	30.6	29.1	27.6	26.1	24.7	23.7
-56.25°	36.7	35.2	33.6	32.0	30.4	29.0	27.6	26.1	24.8	23.8	22.8
-57.5°	34.6	33.1	31.6	30.2	28.8	27.5	26.1	24.8	23.8	22.9	21.9
-58.75°	32.4	31.0	29.7	28.5	27.2	25.9	24.7	23.8	22.9	22.0	21.1
-60°	30.4	29.2	28.0	26.8	25.5	24.5	23.7	22.8	21.9	21.1	20.6
-61.25°	28.5	27.4	26.2	25.1	24.2	23.4	22.6	21.8	21.0	20.6	20.1
-62.5°	26.6	25.5	24.6	23.9	23.1	22.4	21.6	20.9	20.5	20.1	19.7
-63.75°	24.8	24.1	23.4	22.7	22.0	21.3	20.8	20.4	20.0	19.6	19.2
-65°	23.5	22.9	22.2	21.5	20.9	20.6	20.2	19.9	19.5	19.1	18.6
-66.25°	22.3	21.6	21.0	20.7	20.4	20.0	19.7	19.3	19.0	18.5	17.9
-67.5°	21.0	20.7	20.4	20.1	19.8	19.5	19.1	18.7	18.2	17.7	17.2
-68.75°	20.3	20.1	19.8	19.5	19.2	18.9	18.4	17.9	17.5	17.0	16.5
-70°	19.7	19.4	19.2	18.8	18.4	18.0	17.6	17.1	16.7	16.3	15.8
-71.25°	19.0	18.7	18.3	17.9	17.5	17.1	16.7	16.3	15.9	15.4	14.8
-72.5°	18.1	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.8
-73.75°	17.1	16.8	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.4	12.9
-75°	16.1	15.7	15.3	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.9
-76.25°	14.8	14.4	14.1	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9
-77.5°	13.5	13.1	12.8	12.5	12.1	11.8	11.4	11.1	10.7	10.3	9.9



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
-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	7.7	7.4	7.1	6.7
-82.5°	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.3	6.0	5.8	5.5
-83.75°	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.2
-85°	4.8	4.6	4.4	4.3	4.1	3.9	3.7	3.6	3.4	3.2	3.0
-86.25°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
-87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-88.75°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
83.75°	4.0	3.8	3.5	3.3	3.0	2.9	2.7	2.6	2.4	2.3	2.1
82.5°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.7	2.5
81.25°	6.4	6.1	5.7	5.4	5.0	4.7	4.3	4.0	3.6	3.2	2.9
80°	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6
78.75°	8.6	8.3	7.9	7.5	7.0	6.6	6.1	5.7	5.2	4.7	4.3
77.5°	9.6	9.2	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	4.9
76.25°	10.5	10.1	9.7	9.2	8.8	8.3	7.9	7.3	6.8	6.2	5.6
75°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.5	6.9	6.3
73.75°	12.4	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.7	7.0
72.5°	13.3	12.8	12.2	11.7	11.1	10.6	10.0	9.4	8.9	8.3	7.7
71.25°	14.2	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.9	8.3
70°	15.1	14.5	13.9	13.3	12.7	12.0	11.4	10.7	10.1	9.4	8.8
68.75°	16.0	15.4	14.8	14.1	13.4	12.8	12.1	11.4	10.7	10.0	9.3
67.5°	16.7	16.2	15.6	14.9	14.2	13.5	12.8	12.0	11.3	10.6	9.8
66.25°	17.4	16.9	16.3	15.7	14.9	14.2	13.4	12.7	11.9	11.1	10.4
65°	18.1	17.5	16.9	16.3	15.7	14.9	14.1	13.3	12.5	11.7	10.9
63.75°	18.7	18.1	17.5	16.9	16.3	15.6	14.8	13.9	13.1	12.2	11.4
62.5°	19.3	18.8	18.1	17.5	16.9	16.2	15.4	14.5	13.7	12.8	11.9
61.25°	19.7	19.3	18.7	18.1	17.4	16.7	16.0	15.1	14.2	13.3	12.4
60°	20.1	19.7	19.2	18.6	17.9	17.2	16.5	15.8	14.8	13.8	12.9
58.75°	20.6	20.1	19.6	19.1	18.5	17.7	17.0	16.3	15.4	14.4	13.4
57.5°	21.0	20.5	20.0	19.5	19.0	18.2	17.5	16.7	15.9	14.9	13.8
56.25°	21.8	20.9	20.4	19.9	19.3	18.7	17.9	17.1	16.3	15.4	14.3
55°	22.6	21.6	20.8	20.2	19.7	19.1	18.4	17.6	16.7	15.9	14.8
53.75°	23.4	22.4	21.3	20.6	20.0	19.5	18.9	18.0	17.1	16.3	15.2
52.5°	24.2	23.1	22.0	20.9	20.4	19.8	19.2	18.4	17.5	16.7	15.7
51.25°	25.1	23.9	22.7	21.5	20.7	20.1	19.5	18.8	17.9	17.0	16.1
50°	26.2	24.6	23.4	22.2	21.0	20.4	19.8	19.2	18.3	17.4	16.4
48.75°	27.4	25.5	24.1	22.9	21.6	20.7	20.1	19.4	18.7	17.7	16.8
47.5°	28.5	26.6	24.8	23.5	22.3	21.0	20.3	19.7	19.0	18.1	17.1
46.25°	29.6	27.7	25.7	24.2	22.9	21.6	20.6	19.9	19.3	18.4	17.4
45°	30.7	28.7	26.7	24.8	23.5	22.1	20.9	20.2	19.5	18.7	17.7
43.75°	31.9	29.8	27.7	25.7	24.1	22.7	21.3	20.4	19.7	19.0	18.0
42.5°	33.2	30.8	28.7	26.6	24.6	23.2	21.8	20.7	20.0	19.2	18.3
41.25°	34.4	31.9	29.6	27.5	25.3	23.8	22.3	20.9	20.2	19.5	18.6
40°	35.5	33.0	30.5	28.3	26.1	24.3	22.8	21.3	20.4	19.7	18.9
38.75°	36.7	34.1	31.5	29.2	26.9	24.8	23.3	21.8	20.6	19.9	19.1
37.5°	37.8	35.2	32.5	30.0	27.7	25.4	23.7	22.2	20.8	20.0	19.3
36.25°	39.0	36.2	33.5	30.8	28.5	26.1	24.2	22.6	21.0	20.2	19.4
35°	40.3	37.2	34.5	31.7	29.2	26.8	24.6	23.0	21.4	20.4	19.6



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
33.75°	41.4	38.2	35.4	32.6	30.0	27.5	25.1	23.4	21.8	20.6	19.8
32.5°	42.6	39.3	36.3	33.5	30.7	28.2	25.7	23.8	22.2	20.8	19.9
31.25°	43.7	40.4	37.2	34.3	31.4	28.8	26.3	24.2	22.5	20.9	20.1
30°	44.8	41.4	38.1	35.1	32.2	29.5	26.9	24.6	22.9	21.2	20.2
28.75°	45.8	42.4	39.0	35.9	32.9	30.0	27.5	24.9	23.2	21.5	20.4
27.5°	46.8	43.4	39.9	36.6	33.6	30.6	28.0	25.4	23.5	21.8	20.5
26.25°	47.8	44.3	40.8	37.4	34.3	31.2	28.5	25.9	23.8	22.0	20.6
25°	48.7	45.2	41.6	38.1	34.9	31.8	29.0	26.3	24.1	22.3	20.8
23.75°	49.6	46.0	42.4	38.8	35.6	32.4	29.5	26.8	24.4	22.6	20.9
22.5°	50.4	46.8	43.2	39.5	36.2	33.0	30.0	27.2	24.6	22.8	21.0
21.25°	51.2	47.6	43.9	40.2	36.7	33.5	30.4	27.6	24.9	23.0	21.2
20°	52.0	48.3	44.6	40.9	37.3	34.0	30.8	28.0	25.2	23.3	21.4
18.75°	52.7	49.0	45.2	41.5	37.8	34.5	31.2	28.4	25.5	23.5	21.6
17.5°	53.4	49.6	45.8	42.1	38.3	34.9	31.6	28.7	25.8	23.7	21.8
16.25°	54.0	50.2	46.4	42.6	38.8	35.4	32.0	29.0	26.1	23.8	21.9
15°	54.4	50.8	46.9	43.1	39.3	35.7	32.4	29.3	26.4	24.0	22.1
13.75°	54.7	51.3	47.4	43.6	39.7	36.1	32.7	29.6	26.7	24.2	22.2
12.5°	55.0	51.7	47.9	44.0	40.1	36.4	33.0	29.8	26.9	24.3	22.4
11.25°	55.3	52.2	48.3	44.4	40.5	36.7	33.3	30.0	27.1	24.4	22.5
10°	55.5	52.6	48.6	44.7	40.8	37.0	33.6	30.2	27.3	24.6	22.6
8.75°	55.8	52.9	48.9	45.0	41.1	37.2	33.8	30.4	27.5	24.7	22.7
7.5°	56.0	53.2	49.2	45.3	41.3	37.4	34.0	30.6	27.6	24.8	22.8
6.25°	56.1	53.4	49.5	45.5	41.5	37.6	34.1	30.7	27.7	24.8	22.8
5°	56.3	53.6	49.7	45.7	41.7	37.7	34.3	30.8	27.8	24.9	22.9
3.75°	56.4	53.8	49.8	45.8	41.8	37.9	34.4	30.9	27.9	24.9	22.9
2.5°	56.4	53.9	49.9	45.9	41.9	37.9	34.4	31.0	28.0	25.0	23.0
1.25°	56.5	54.0	50.0	46.0	42.0	38.0	34.5	31.0	28.0	25.0	23.0
0°	56.5	54.0	50.0	46.0	42.0	38.0	34.5	31.0	28.0	25.0	23.0
-1.25°	56.5	54.0	50.0	46.0	42.0	38.0	34.5	31.0	28.0	25.0	23.0
-2.5°	56.4	53.9	49.9	45.9	41.9	37.9	34.4	31.0	28.0	25.0	23.0
-3.75°	56.4	53.8	49.8	45.8	41.8	37.9	34.4	30.9	27.9	24.9	22.9
-5°	56.3	53.6	49.7	45.7	41.7	37.7	34.3	30.8	27.8	24.9	22.9
-6.25°	56.1	53.4	49.5	45.5	41.5	37.6	34.1	30.7	27.7	24.8	22.8
-7.5°	56.0	53.2	49.2	45.3	41.3	37.4	34.0	30.6	27.6	24.8	22.8
-8.75°	55.8	52.9	48.9	45.0	41.1	37.2	33.8	30.4	27.5	24.7	22.7
-10°	55.5	52.6	48.6	44.7	40.8	37.0	33.6	30.2	27.3	24.6	22.6
-11.25°	55.3	52.2	48.3	44.4	40.5	36.7	33.3	30.0	27.1	24.4	22.5
-12.5°	55.0	51.7	47.9	44.0	40.1	36.4	33.0	29.8	26.9	24.3	22.4
-13.75°	54.7	51.3	47.4	43.6	39.7	36.1	32.7	29.6	26.7	24.2	22.2
-15°	54.4	50.8	46.9	43.1	39.3	35.7	32.4	29.3	26.4	24.0	22.1
-16.25°	54.0	50.2	46.4	42.6	38.8	35.4	32.0	29.0	26.1	23.8	21.9
-17.5°	53.4	49.6	45.8	42.1	38.3	34.9	31.6	28.7	25.8	23.7	21.8
-18.75°	52.7	49.0	45.2	41.5	37.8	34.5	31.2	28.4	25.5	23.5	21.6
-20°	52.0	48.3	44.6	40.9	37.3	34.0	30.8	28.0	25.2	23.3	21.4
-21.25°	51.2	47.6	43.9	40.2	36.7	33.5	30.4	27.6	24.9	23.0	21.2



REPORT NUMBER: P29468 (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°	50.4	46.8	43.2	39.5	36.2	33.0	30.0	27.2	24.6	22.8	21.0
-23.75°	49.6	46.0	42.4	38.8	35.6	32.4	29.5	26.8	24.4	22.6	20.9
-25°	48.7	45.2	41.6	38.1	34.9	31.8	29.0	26.3	24.1	22.3	20.8
-26.25°	47.8	44.3	40.8	37.4	34.3	31.2	28.5	25.9	23.8	22.0	20.6
-27.5°	46.8	43.4	39.9	36.6	33.6	30.6	28.0	25.4	23.5	21.8	20.5
-28.75°	45.8	42.4	39.0	35.9	32.9	30.0	27.5	24.9	23.2	21.5	20.4
-30°	44.8	41.4	38.1	35.1	32.2	29.5	26.9	24.6	22.9	21.2	20.2
-31.25°	43.7	40.4	37.2	34.3	31.4	28.8	26.3	24.2	22.5	20.9	20.1
-32.5°	42.6	39.3	36.3	33.5	30.7	28.2	25.7	23.8	22.2	20.8	19.9
-33.75°	41.4	38.2	35.4	32.6	30.0	27.5	25.1	23.4	21.8	20.6	19.8
-35°	40.3	37.2	34.5	31.7	29.2	26.8	24.6	23.0	21.4	20.4	19.6
-36.25°	39.0	36.2	33.5	30.8	28.5	26.1	24.2	22.6	21.0	20.2	19.4
-37.5°	37.8	35.2	32.5	30.0	27.7	25.4	23.7	22.2	20.8	20.0	19.3
-38.75°	36.7	34.1	31.5	29.2	26.9	24.8	23.3	21.8	20.6	19.9	19.1
-40°	35.5	33.0	30.5	28.3	26.1	24.3	22.8	21.3	20.4	19.7	18.9
-41.25°	34.4	31.9	29.6	27.5	25.3	23.8	22.3	20.9	20.2	19.5	18.6
-42.5°	33.2	30.8	28.7	26.6	24.6	23.2	21.8	20.7	20.0	19.2	18.3
-43.75°	31.9	29.8	27.7	25.7	24.1	22.7	21.3	20.4	19.7	19.0	18.0
-45°	30.7	28.7	26.7	24.8	23.5	22.1	20.9	20.2	19.5	18.7	17.7
-46.25°	29.6	27.7	25.7	24.2	22.9	21.6	20.6	19.9	19.3	18.4	17.4
-47.5°	28.5	26.6	24.8	23.5	22.3	21.0	20.3	19.7	19.0	18.1	17.1
-48.75°	27.4	25.5	24.1	22.9	21.6	20.7	20.1	19.4	18.7	17.7	16.8
-50°	26.2	24.6	23.4	22.2	21.0	20.4	19.8	19.2	18.3	17.4	16.4
-51.25°	25.1	23.9	22.7	21.5	20.7	20.1	19.5	18.8	17.9	17.0	16.1
-52.5°	24.2	23.1	22.0	20.9	20.4	19.8	19.2	18.4	17.5	16.7	15.7
-53.75°	23.4	22.4	21.3	20.6	20.0	19.5	18.9	18.0	17.1	16.3	15.2
-55°	22.6	21.6	20.8	20.2	19.7	19.1	18.4	17.6	16.7	15.9	14.8
-56.25°	21.8	20.9	20.4	19.9	19.3	18.7	17.9	17.1	16.3	15.4	14.3
-57.5°	21.0	20.5	20.0	19.5	19.0	18.2	17.5	16.7	15.9	14.9	13.8
-58.75°	20.6	20.1	19.6	19.1	18.5	17.7	17.0	16.3	15.4	14.4	13.4
-60°	20.1	19.7	19.2	18.6	17.9	17.2	16.5	15.8	14.8	13.8	12.9
-61.25°	19.7	19.3	18.7	18.1	17.4	16.7	16.0	15.1	14.2	13.3	12.4
-62.5°	19.3	18.8	18.1	17.5	16.9	16.2	15.4	14.5	13.7	12.8	11.9
-63.75°	18.7	18.1	17.5	16.9	16.3	15.6	14.8	13.9	13.1	12.2	11.4
-65°	18.1	17.5	16.9	16.3	15.7	14.9	14.1	13.3	12.5	11.7	10.9
-66.25°	17.4	16.9	16.3	15.7	14.9	14.2	13.4	12.7	11.9	11.1	10.4
-67.5°	16.7	16.2	15.6	14.9	14.2	13.5	12.8	12.0	11.3	10.6	9.8
-68.75°	16.0	15.4	14.8	14.1	13.4	12.8	12.1	11.4	10.7	10.0	9.3
-70°	15.1	14.5	13.9	13.3	12.7	12.0	11.4	10.7	10.1	9.4	8.8
-71.25°	14.2	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.9	8.3
-72.5°	13.3	12.8	12.2	11.7	11.1	10.6	10.0	9.4	8.9	8.3	7.7
-73.75°	12.4	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.7	7.0
-75°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.5	6.9	6.3
-76.25°	10.5	10.1	9.7	9.2	8.8	8.3	7.9	7.3	6.8	6.2	5.6
-77.5°	9.6	9.2	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	4.9



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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	7.5	7.0	6.6	6.1	5.7	5.2	4.7	4.3
-80°	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6
-81.25°	6.4	6.1	5.7	5.4	5.0	4.7	4.3	4.0	3.6	3.2	2.9
-82.5°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.7	2.5
-83.75°	4.0	3.8	3.5	3.3	3.0	2.9	2.7	2.6	2.4	2.3	2.1
-85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
-87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-88.75°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	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: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
80°	3.2	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
78.75°	3.8	3.3	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
77.5°	4.4	3.9	3.4	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6
76.25°	5.1	4.5	3.9	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7
75°	5.7	5.1	4.4	3.8	3.2	2.7	2.3	1.9	1.6	1.2	0.8
73.75°	6.3	5.6	4.9	4.3	3.6	2.9	2.5	2.1	1.7	1.3	0.8
72.5°	6.9	6.2	5.5	4.7	4.0	3.2	2.7	2.3	1.8	1.4	0.9
71.25°	7.5	6.8	6.0	5.2	4.4	3.6	2.9	2.4	1.9	1.4	1.0
70°	8.1	7.3	6.5	5.7	4.8	4.0	3.1	2.6	2.0	1.5	1.0
68.75°	8.6	7.9	7.0	6.1	5.2	4.3	3.4	2.7	2.2	1.6	1.1
67.5°	9.1	8.3	7.5	6.6	5.6	4.7	3.7	2.9	2.3	1.7	1.1
66.25°	9.6	8.8	8.0	7.0	6.0	5.0	4.0	3.0	2.4	1.8	1.2
65°	10.0	9.2	8.4	7.5	6.4	5.4	4.3	3.3	2.5	1.9	1.3
63.75°	10.5	9.7	8.8	7.9	6.8	5.7	4.6	3.5	2.7	2.0	1.3
62.5°	11.0	10.1	9.2	8.3	7.2	6.1	4.9	3.8	2.8	2.1	1.4
61.25°	11.4	10.5	9.6	8.6	7.6	6.4	5.2	4.0	2.9	2.2	1.4
60°	11.9	10.9	9.9	9.0	8.0	6.7	5.5	4.2	3.0	2.2	1.5
58.75°	12.3	11.3	10.3	9.3	8.3	7.1	5.8	4.5	3.2	2.3	1.6
57.5°	12.8	11.7	10.7	9.6	8.6	7.4	6.0	4.7	3.4	2.4	1.6
56.25°	13.2	12.1	11.1	10.0	8.9	7.7	6.3	4.9	3.6	2.5	1.7
55°	13.7	12.5	11.4	10.3	9.1	8.0	6.6	5.2	3.7	2.6	1.7
53.75°	14.1	12.9	11.8	10.6	9.4	8.3	6.9	5.4	3.9	2.7	1.8
52.5°	14.5	13.3	12.1	10.9	9.7	8.5	7.1	5.6	4.1	2.7	1.8
51.25°	14.9	13.7	12.5	11.2	10.0	8.7	7.4	5.8	4.3	2.8	1.9
50°	15.3	14.1	12.8	11.5	10.3	9.0	7.6	6.0	4.4	2.9	1.9
48.75°	15.7	14.4	13.1	11.8	10.5	9.2	7.9	6.2	4.6	3.0	2.0
47.5°	16.1	14.8	13.5	12.1	10.8	9.4	8.1	6.4	4.8	3.1	2.0
46.25°	16.4	15.1	13.8	12.4	11.0	9.7	8.3	6.6	4.9	3.2	2.1
45°	16.7	15.5	14.1	12.7	11.3	9.9	8.5	6.8	5.1	3.3	2.1
43.75°	16.9	15.8	14.4	13.0	11.5	10.1	8.7	7.0	5.2	3.4	2.2
42.5°	17.2	16.1	14.7	13.2	11.8	10.3	8.8	7.2	5.4	3.5	2.2
41.25°	17.5	16.4	15.0	13.5	12.0	10.5	9.0	7.4	5.5	3.6	2.3
40°	17.7	16.6	15.3	13.8	12.2	10.7	9.2	7.6	5.7	3.7	2.3
38.75°	18.0	16.8	15.5	14.0	12.5	10.9	9.3	7.7	5.8	3.8	2.3
37.5°	18.2	17.0	15.8	14.2	12.7	11.1	9.5	7.9	5.9	3.9	2.4
36.25°	18.5	17.3	16.1	14.5	12.9	11.3	9.7	8.1	6.1	4.0	2.4
35°	18.7	17.5	16.3	14.7	13.1	11.5	9.8	8.2	6.2	4.1	2.5



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°	18.9	17.7	16.4	14.9	13.3	11.6	10.0	8.3	6.3	4.2	2.5
32.5°	19.1	17.9	16.6	15.2	13.5	11.8	10.1	8.4	6.4	4.3	2.5
31.25°	19.2	18.1	16.8	15.4	13.7	12.0	10.3	8.5	6.5	4.4	2.6
30°	19.4	18.3	17.0	15.6	13.8	12.1	10.4	8.7	6.7	4.5	2.6
28.75°	19.5	18.4	17.1	15.8	14.0	12.3	10.5	8.8	6.8	4.6	2.6
27.5°	19.6	18.6	17.3	15.9	14.2	12.4	10.6	8.9	6.9	4.7	2.7
26.25°	19.7	18.8	17.4	16.1	14.3	12.5	10.8	9.0	7.0	4.7	2.7
25°	19.9	18.9	17.6	16.2	14.5	12.7	10.9	9.1	7.1	4.8	2.7
23.75°	20.0	19.1	17.7	16.3	14.6	12.8	11.0	9.2	7.2	4.9	2.7
22.5°	20.1	19.1	17.8	16.5	14.8	12.9	11.1	9.2	7.2	4.9	2.8
21.25°	20.2	19.2	18.0	16.6	14.9	13.0	11.2	9.3	7.3	5.0	2.8
20°	20.3	19.3	18.1	16.7	15.0	13.1	11.3	9.4	7.4	5.0	2.8
18.75°	20.3	19.4	18.2	16.8	15.1	13.3	11.4	9.5	7.5	5.1	2.8
17.5°	20.4	19.5	18.3	16.9	15.3	13.3	11.4	9.5	7.5	5.2	2.9
16.25°	20.5	19.6	18.4	17.0	15.4	13.4	11.5	9.6	7.6	5.2	2.9
15°	20.6	19.6	18.5	17.0	15.4	13.5	11.6	9.7	7.7	5.2	2.9
13.75°	20.6	19.7	18.6	17.1	15.5	13.6	11.7	9.7	7.7	5.3	2.9
12.5°	20.7	19.7	18.6	17.2	15.6	13.7	11.7	9.8	7.8	5.3	2.9
11.25°	20.8	19.8	18.7	17.2	15.7	13.7	11.8	9.8	7.8	5.4	2.9
10°	20.8	19.8	18.8	17.3	15.8	13.8	11.8	9.8	7.8	5.4	3.0
8.75°	20.9	19.9	18.8	17.3	15.8	13.8	11.9	9.9	7.9	5.4	3.0
7.5°	20.9	19.9	18.9	17.4	15.9	13.9	11.9	9.9	7.9	5.4	3.0
6.25°	20.9	19.9	18.9	17.4	15.9	13.9	11.9	9.9	7.9	5.5	3.0
5°	21.0	20.0	18.9	17.4	15.9	13.9	12.0	10.0	8.0	5.5	3.0
3.75°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
2.5°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
1.25°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
0°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
-1.25°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
-2.5°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
-3.75°	21.0	20.0	19.0	17.5	16.0	14.0	12.0	10.0	8.0	5.5	3.0
-5°	21.0	20.0	18.9	17.4	15.9	13.9	12.0	10.0	8.0	5.5	3.0
-6.25°	20.9	19.9	18.9	17.4	15.9	13.9	11.9	9.9	7.9	5.5	3.0
-7.5°	20.9	19.9	18.9	17.4	15.9	13.9	11.9	9.9	7.9	5.4	3.0
-8.75°	20.9	19.9	18.8	17.3	15.8	13.8	11.9	9.9	7.9	5.4	3.0
-10°	20.8	19.8	18.8	17.3	15.8	13.8	11.8	9.8	7.8	5.4	3.0
-11.25°	20.8	19.8	18.7	17.2	15.7	13.7	11.8	9.8	7.8	5.4	2.9
-12.5°	20.7	19.7	18.6	17.2	15.6	13.7	11.7	9.8	7.8	5.3	2.9
-13.75°	20.6	19.7	18.6	17.1	15.5	13.6	11.7	9.7	7.7	5.3	2.9
-15°	20.6	19.6	18.5	17.0	15.4	13.5	11.6	9.7	7.7	5.2	2.9
-16.25°	20.5	19.6	18.4	17.0	15.4	13.4	11.5	9.6	7.6	5.2	2.9
-17.5°	20.4	19.5	18.3	16.9	15.3	13.3	11.4	9.5	7.5	5.2	2.9
-18.75°	20.3	19.4	18.2	16.8	15.1	13.3	11.4	9.5	7.5	5.1	2.8
-20°	20.3	19.3	18.1	16.7	15.0	13.1	11.3	9.4	7.4	5.0	2.8
-21.25°	20.2	19.2	18.0	16.6	14.9	13.0	11.2	9.3	7.3	5.0	2.8



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-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°
-22.5°	20.1	19.1	17.8	16.5	14.8	12.9	11.1	9.2	7.2	4.9	2.8
-23.75°	20.0	19.1	17.7	16.3	14.6	12.8	11.0	9.2	7.2	4.9	2.7
-25°	19.9	18.9	17.6	16.2	14.5	12.7	10.9	9.1	7.1	4.8	2.7
-26.25°	19.7	18.8	17.4	16.1	14.3	12.5	10.8	9.0	7.0	4.7	2.7
-27.5°	19.6	18.6	17.3	15.9	14.2	12.4	10.6	8.9	6.9	4.7	2.7
-28.75°	19.5	18.4	17.1	15.8	14.0	12.3	10.5	8.8	6.8	4.6	2.6
-30°	19.4	18.3	17.0	15.6	13.8	12.1	10.4	8.7	6.7	4.5	2.6
-31.25°	19.2	18.1	16.8	15.4	13.7	12.0	10.3	8.5	6.5	4.4	2.6
-32.5°	19.1	17.9	16.6	15.2	13.5	11.8	10.1	8.4	6.4	4.3	2.5
-33.75°	18.9	17.7	16.4	14.9	13.3	11.6	10.0	8.3	6.3	4.2	2.5
-35°	18.7	17.5	16.3	14.7	13.1	11.5	9.8	8.2	6.2	4.1	2.5
-36.25°	18.5	17.3	16.1	14.5	12.9	11.3	9.7	8.1	6.1	4.0	2.4
-37.5°	18.2	17.0	15.8	14.2	12.7	11.1	9.5	7.9	5.9	3.9	2.4
-38.75°	18.0	16.8	15.5	14.0	12.5	10.9	9.3	7.7	5.8	3.8	2.3
-40°	17.7	16.6	15.3	13.8	12.2	10.7	9.2	7.6	5.7	3.7	2.3
-41.25°	17.5	16.4	15.0	13.5	12.0	10.5	9.0	7.4	5.5	3.6	2.3
-42.5°	17.2	16.1	14.7	13.2	11.8	10.3	8.8	7.2	5.4	3.5	2.2
-43.75°	16.9	15.8	14.4	13.0	11.5	10.1	8.7	7.0	5.2	3.4	2.2
-45°	16.7	15.5	14.1	12.7	11.3	9.9	8.5	6.8	5.1	3.3	2.1
-46.25°	16.4	15.1	13.8	12.4	11.0	9.7	8.3	6.6	4.9	3.2	2.1
-47.5°	16.1	14.8	13.5	12.1	10.8	9.4	8.1	6.4	4.8	3.1	2.0
-48.75°	15.7	14.4	13.1	11.8	10.5	9.2	7.9	6.2	4.6	3.0	2.0
-50°	15.3	14.1	12.8	11.5	10.3	9.0	7.6	6.0	4.4	2.9	1.9
-51.25°	14.9	13.7	12.5	11.2	10.0	8.7	7.4	5.8	4.3	2.8	1.9
-52.5°	14.5	13.3	12.1	10.9	9.7	8.5	7.1	5.6	4.1	2.7	1.8
-53.75°	14.1	12.9	11.8	10.6	9.4	8.3	6.9	5.4	3.9	2.7	1.8
-55°	13.7	12.5	11.4	10.3	9.1	8.0	6.6	5.2	3.7	2.6	1.7
-56.25°	13.2	12.1	11.1	10.0	8.9	7.7	6.3	4.9	3.6	2.5	1.7
-57.5°	12.8	11.7	10.7	9.6	8.6	7.4	6.0	4.7	3.4	2.4	1.6
-58.75°	12.3	11.3	10.3	9.3	8.3	7.1	5.8	4.5	3.2	2.3	1.6
-60°	11.9	10.9	9.9	9.0	8.0	6.7	5.5	4.2	3.0	2.2	1.5
-61.25°	11.4	10.5	9.6	8.6	7.6	6.4	5.2	4.0	2.9	2.2	1.4
-62.5°	11.0	10.1	9.2	8.3	7.2	6.1	4.9	3.8	2.8	2.1	1.4
-63.75°	10.5	9.7	8.8	7.9	6.8	5.7	4.6	3.5	2.7	2.0	1.3
-65°	10.0	9.2	8.4	7.5	6.4	5.4	4.3	3.3	2.5	1.9	1.3
-66.25°	9.6	8.8	8.0	7.0	6.0	5.0	4.0	3.0	2.4	1.8	1.2
-67.5°	9.1	8.3	7.5	6.6	5.6	4.7	3.7	2.9	2.3	1.7	1.1
-68.75°	8.6	7.9	7.0	6.1	5.2	4.3	3.4	2.7	2.2	1.6	1.1
-70°	8.1	7.3	6.5	5.7	4.8	4.0	3.1	2.6	2.0	1.5	1.0
-71.25°	7.5	6.8	6.0	5.2	4.4	3.6	2.9	2.4	1.9	1.4	1.0
-72.5°	6.9	6.2	5.5	4.7	4.0	3.2	2.7	2.3	1.8	1.4	0.9
-73.75°	6.3	5.6	4.9	4.3	3.6	2.9	2.5	2.1	1.7	1.3	0.8
-75°	5.7	5.1	4.4	3.8	3.2	2.7	2.3	1.9	1.6	1.2	0.8
-76.25°	5.1	4.5	3.9	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7
-77.5°	4.4	3.9	3.4	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6



REPORT NUMBER: P29468 (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°
-78.75°	3.8	3.3	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
-80°	3.2	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
-85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L2-UNV

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



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.2	0.0
32.5°	1.3	0.0
31.25°	1.3	0.0
30°	1.3	0.0
28.75°	1.3	0.0
27.5°	1.3	0.0
26.25°	1.3	0.0
25°	1.4	0.0
23.75°	1.4	0.0
22.5°	1.4	0.0
21.25°	1.4	0.0
20°	1.4	0.0
18.75°	1.4	0.0
17.5°	1.4	0.0
16.25°	1.4	0.0
15°	1.4	0.0
13.75°	1.5	0.0
12.5°	1.5	0.0
11.25°	1.5	0.0
10°	1.5	0.0
8.75°	1.5	0.0
7.5°	1.5	0.0
6.25°	1.5	0.0
5°	1.5	0.0
3.75°	1.5	0.0
2.5°	1.5	0.0
1.25°	1.5	0.0
0°	1.5	0.0
-1.25°	1.5	0.0
-2.5°	1.5	0.0
-3.75°	1.5	0.0
-5°	1.5	0.0
-6.25°	1.5	0.0
-7.5°	1.5	0.0
-8.75°	1.5	0.0
-10°	1.5	0.0
-11.25°	1.5	0.0
-12.5°	1.5	0.0
-13.75°	1.5	0.0
-15°	1.4	0.0
-16.25°	1.4	0.0
-17.5°	1.4	0.0
-18.75°	1.4	0.0
-20°	1.4	0.0
-21.25°	1.4	0.0



REPORT NUMBER: P29468 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.4	0.0
-23.75°	1.4	0.0
-25°	1.4	0.0
-26.25°	1.3	0.0
-27.5°	1.3	0.0
-28.75°	1.3	0.0
-30°	1.3	0.0
-31.25°	1.3	0.0
-32.5°	1.3	0.0
-33.75°	1.2	0.0
-35°	1.2	0.0
-36.25°	1.2	0.0
-37.5°	1.2	0.0
-38.75°	1.2	0.0
-40°	1.1	0.0
-41.25°	1.1	0.0
-42.5°	1.1	0.0
-43.75°	1.1	0.0
-45°	1.1	0.0
-46.25°	1.0	0.0
-47.5°	1.0	0.0
-48.75°	1.0	0.0
-50°	1.0	0.0
-51.25°	0.9	0.0
-52.5°	0.9	0.0
-53.75°	0.9	0.0
-55°	0.9	0.0
-56.25°	0.8	0.0
-57.5°	0.8	0.0
-58.75°	0.8	0.0
-60°	0.7	0.0
-61.25°	0.7	0.0
-62.5°	0.7	0.0
-63.75°	0.7	0.0
-65°	0.6	0.0
-66.25°	0.6	0.0
-67.5°	0.6	0.0
-68.75°	0.5	0.0
-70°	0.5	0.0
-71.25°	0.5	0.0
-72.5°	0.5	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.4	0.0
-77.5°	0.3	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.3	0.0
-80°	0.3	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.2	0.0
-85°	0.1	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)