

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: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

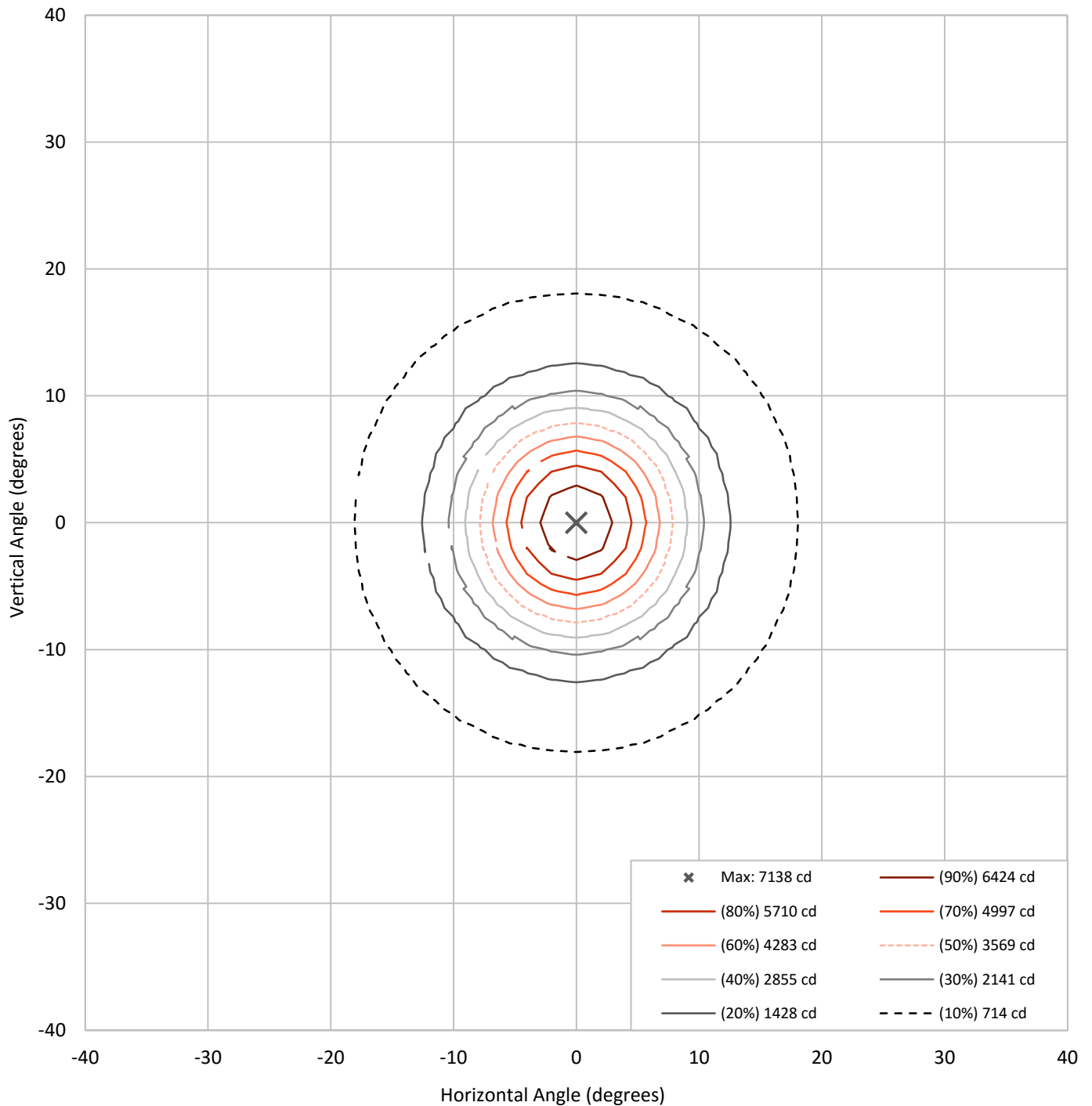
Test Method: LM-79-08
Report Number: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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:	973.5 lumens	Max Intensity:	7138 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.3 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:	297 lumens	Field Lumens:	655.5 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





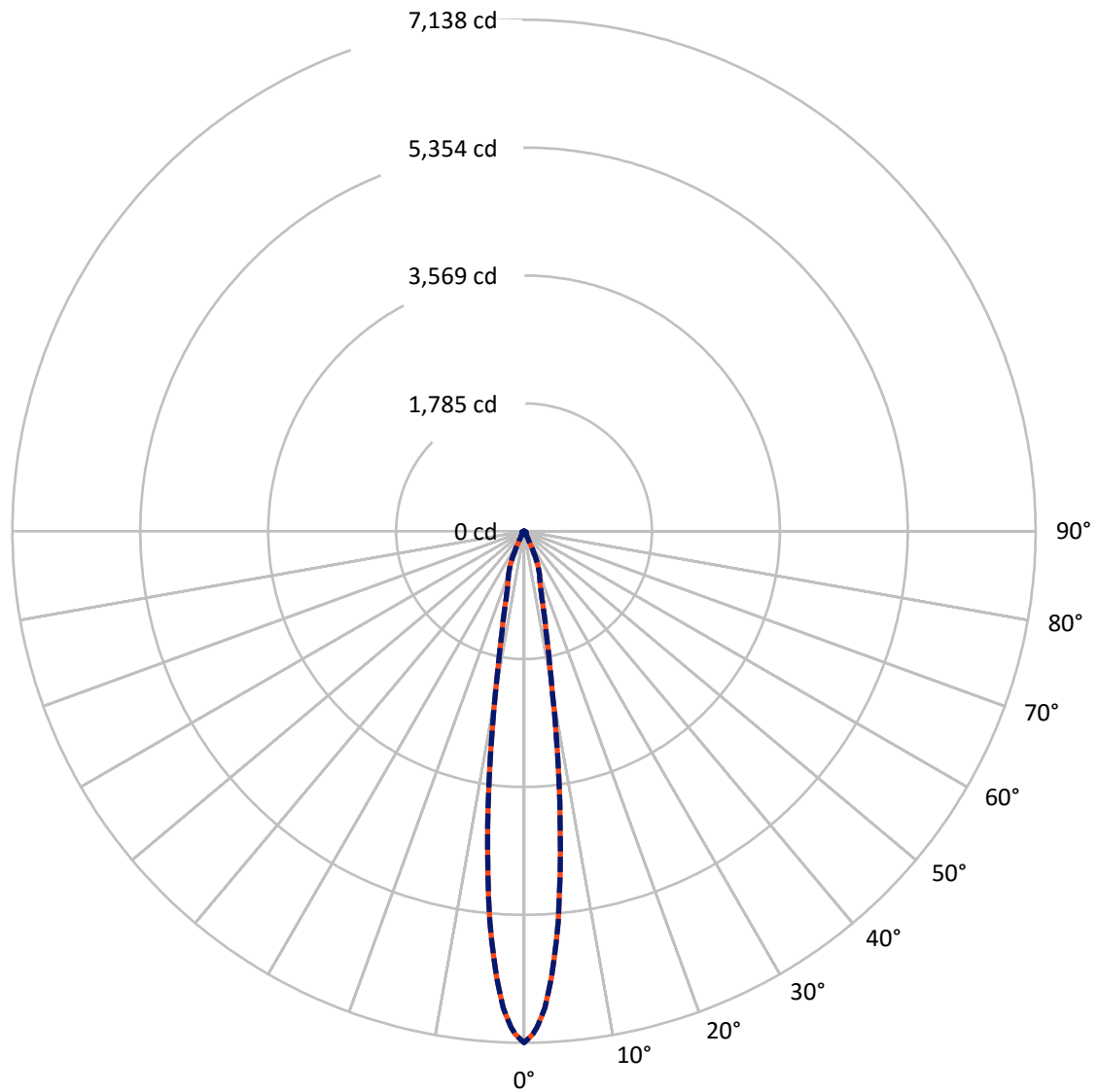
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Lumen Table

90	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
80	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
70	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.4	0.2	0.2			
40		0.2	0.5	0.8	0.9	1.1	1.3	1.5	1.5	1.3	1.1	0.9	0.8	0.5	0.2				
30	0.2	0.3	0.6	0.8	1.0	1.4	3.6	8.3	8.3	3.6	1.4	1.0	0.8	0.6	0.3	0.2			
20		0.3	0.6	0.8	1.1	3.4	15.9	29.4	29.4	15.9	3.4	1.1	0.8	0.6	0.3				
10	0.2	0.3	0.6	0.8	1.2	7.6	28.6	114.2	114.2	28.6	7.6	1.2	0.8	0.6	0.3	0.2			
0		0.3	0.6	0.8	1.2	7.6	28.6	114.2	114.2	28.6	7.6	1.2	0.8	0.6	0.3				
-10	0.2	0.3	0.6	0.8	1.1	3.4	15.9	29.4	29.4	15.9	3.4	1.1	0.8	0.6	0.3	0.2			
-20		0.3	0.6	0.8	1.0	1.4	3.6	8.3	8.3	3.6	1.4	1.0	0.8	0.6	0.3				
-30	0.2	0.2	0.5	0.8	0.9	1.1	1.3	1.5	1.5	1.3	1.1	0.9	0.8	0.5	0.2	0.2			
-40		0.2	0.4	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.4	0.2				
-50	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
-60		0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1				
-70	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0							0.0			
-80		0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
-90	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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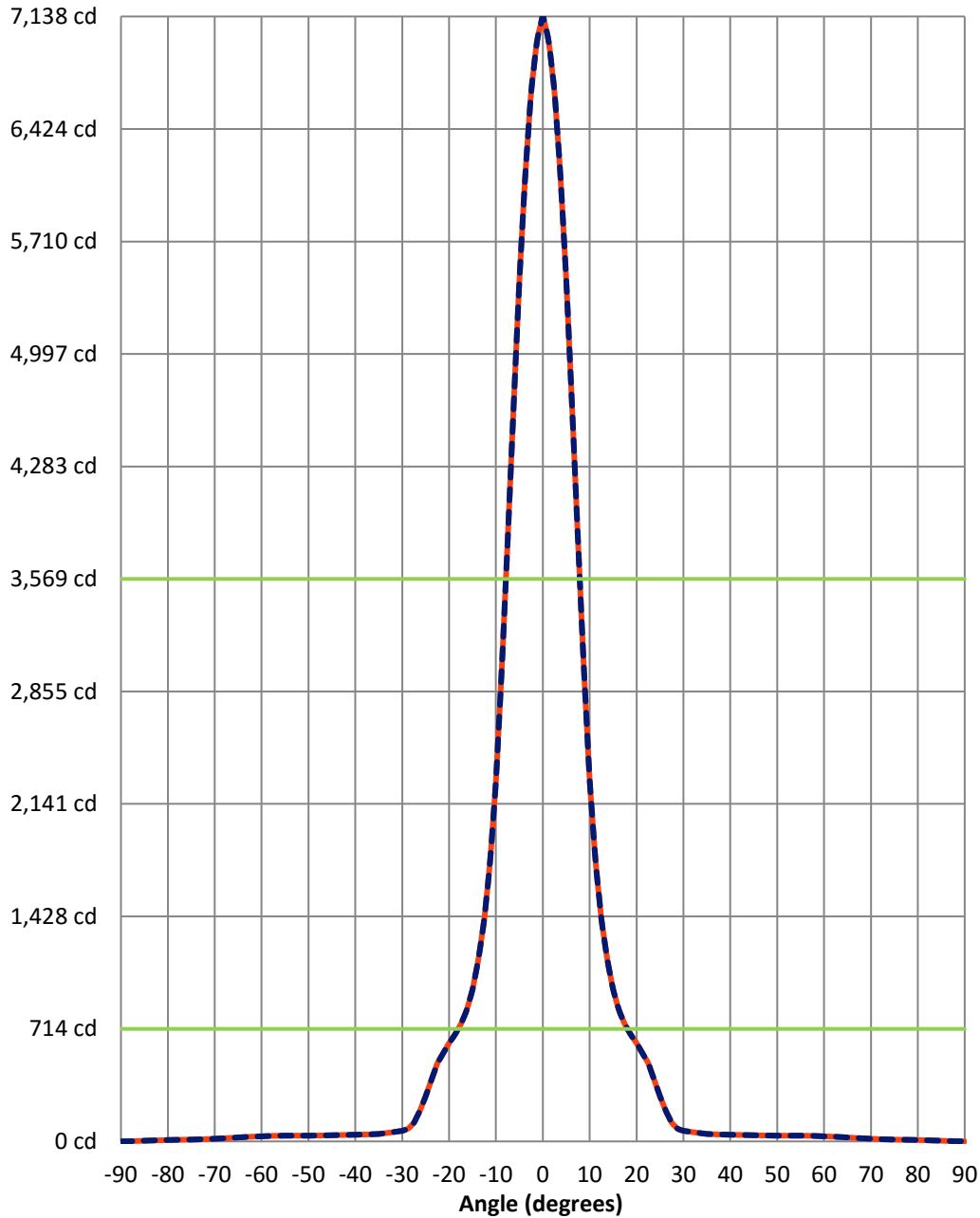
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 297
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 655.5
 Efficiency: 67.3%

Spill:
 Lumens: 318
 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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
83.75°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
81.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
78.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
77.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.8
76.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.8	2.1
75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.0	2.4
73.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.3	2.7
72.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.1	2.5	2.9
71.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.9	2.4	2.8	3.2
70°	0.0	0.3	0.5	0.8	1.1	1.4	1.7	2.1	2.6	3.0	3.5
68.75°	0.0	0.3	0.6	0.9	1.2	1.4	1.8	2.3	2.8	3.3	3.8
67.5°	0.0	0.3	0.6	0.9	1.2	1.5	2.0	2.5	3.0	3.5	4.0
66.25°	0.0	0.3	0.6	1.0	1.3	1.6	2.2	2.7	3.2	3.8	4.3
65°	0.0	0.3	0.7	1.0	1.4	1.7	2.3	2.9	3.4	4.0	4.5
63.75°	0.0	0.4	0.7	1.1	1.4	1.9	2.5	3.1	3.7	4.2	4.7
62.5°	0.0	0.4	0.7	1.1	1.5	2.0	2.6	3.3	3.9	4.4	4.9
61.25°	0.0	0.4	0.8	1.2	1.5	2.1	2.8	3.4	4.1	4.6	5.2
60°	0.0	0.4	0.8	1.2	1.6	2.3	2.9	3.6	4.3	4.8	5.4
58.75°	0.0	0.4	0.8	1.2	1.7	2.4	3.1	3.8	4.4	5.0	5.6
57.5°	0.0	0.4	0.9	1.3	1.8	2.5	3.2	4.0	4.6	5.2	5.8
56.25°	0.0	0.4	0.9	1.3	1.9	2.6	3.4	4.1	4.8	5.4	6.0
55°	0.0	0.5	0.9	1.4	2.0	2.8	3.5	4.3	4.9	5.6	6.2
53.75°	0.0	0.5	0.9	1.4	2.1	2.9	3.7	4.4	5.1	5.7	6.4
52.5°	0.0	0.5	1.0	1.5	2.2	3.0	3.8	4.6	5.2	5.9	6.6
51.25°	0.0	0.5	1.0	1.5	2.3	3.1	4.0	4.7	5.4	6.1	6.8
50°	0.0	0.5	1.0	1.5	2.4	3.2	4.1	4.8	5.5	6.2	6.9
48.75°	0.0	0.5	1.1	1.6	2.5	3.3	4.2	5.0	5.7	6.4	7.1
47.5°	0.0	0.5	1.1	1.6	2.5	3.5	4.4	5.1	5.8	6.6	7.3
46.25°	0.0	0.6	1.1	1.7	2.6	3.6	4.5	5.2	6.0	6.7	7.5
45°	0.0	0.6	1.1	1.8	2.7	3.7	4.6	5.3	6.1	6.9	7.6
43.75°	0.0	0.6	1.2	1.8	2.8	3.8	4.7	5.5	6.2	7.0	7.8
42.5°	0.0	0.6	1.2	1.9	2.9	3.9	4.8	5.6	6.4	7.2	8.0
41.25°	0.0	0.6	1.2	1.9	3.0	4.0	4.9	5.7	6.5	7.3	8.1
40°	0.0	0.6	1.2	2.0	3.0	4.1	4.9	5.8	6.6	7.5	8.3
38.75°	0.0	0.6	1.2	2.1	3.1	4.2	5.0	5.9	6.7	7.6	8.5
37.5°	0.0	0.6	1.3	2.1	3.2	4.3	5.1	6.0	6.9	7.7	8.6
36.25°	0.0	0.6	1.3	2.2	3.3	4.3	5.2	6.1	7.0	7.9	8.7
35°	0.0	0.7	1.3	2.2	3.3	4.4	5.3	6.2	7.1	8.0	8.8



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.7	1.3	2.3	3.4	4.5	5.4	6.3	7.2	8.1	8.9
32.5°	0.0	0.7	1.3	2.3	3.5	4.5	5.5	6.4	7.3	8.2	9.0
31.25°	0.0	0.7	1.4	2.4	3.5	4.6	5.5	6.5	7.4	8.3	9.1
30°	0.0	0.7	1.4	2.4	3.6	4.7	5.6	6.6	7.5	8.5	9.2
28.75°	0.0	0.7	1.4	2.5	3.6	4.7	5.7	6.6	7.6	8.6	9.3
27.5°	0.0	0.7	1.4	2.5	3.7	4.8	5.8	6.7	7.7	8.7	9.4
26.25°	0.0	0.7	1.4	2.5	3.7	4.8	5.8	6.8	7.8	8.7	9.5
25°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.8	9.5
23.75°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.9	9.6
22.5°	0.0	0.7	1.5	2.6	3.9	5.0	6.0	7.0	8.0	8.9	9.7
21.25°	0.0	0.7	1.5	2.7	3.9	5.0	6.0	7.1	8.1	9.0	9.7
20°	0.0	0.8	1.5	2.7	4.0	5.1	6.1	7.1	8.2	9.1	9.8
18.75°	0.0	0.8	1.5	2.7	4.0	5.1	6.1	7.2	8.2	9.1	9.9
17.5°	0.0	0.8	1.5	2.8	4.0	5.1	6.2	7.2	8.3	9.2	9.9
16.25°	0.0	0.8	1.5	2.8	4.1	5.2	6.2	7.3	8.3	9.2	10.0
15°	0.0	0.8	1.5	2.8	4.1	5.2	6.3	7.3	8.4	9.3	10.0
13.75°	0.0	0.8	1.6	2.8	4.1	5.2	6.3	7.4	8.4	9.3	10.1
12.5°	0.0	0.8	1.6	2.9	4.2	5.3	6.3	7.4	8.5	9.3	10.1
11.25°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.5	9.4	10.1
10°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.6	9.4	10.2
8.75°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.6	9.4	10.2
7.5°	0.0	0.8	1.6	2.9	4.3	5.4	6.4	7.5	8.6	9.4	10.2
6.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.6	9.5	10.3
5°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
3.75°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
2.5°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
1.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
0°	0.0	0.8	1.6	3.0	4.3	5.4	6.5	7.6	8.7	9.5	10.3
-1.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
-2.5°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
-3.75°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
-5°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.7	9.5	10.3
-6.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.6	9.5	10.3
-7.5°	0.0	0.8	1.6	2.9	4.3	5.4	6.4	7.5	8.6	9.4	10.2
-8.75°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.6	9.4	10.2
-10°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.6	9.4	10.2
-11.25°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.5	9.4	10.1
-12.5°	0.0	0.8	1.6	2.9	4.2	5.3	6.3	7.4	8.5	9.3	10.1
-13.75°	0.0	0.8	1.6	2.8	4.1	5.2	6.3	7.4	8.4	9.3	10.1
-15°	0.0	0.8	1.5	2.8	4.1	5.2	6.3	7.3	8.4	9.3	10.0
-16.25°	0.0	0.8	1.5	2.8	4.1	5.2	6.2	7.3	8.3	9.2	10.0
-17.5°	0.0	0.8	1.5	2.8	4.0	5.1	6.2	7.2	8.3	9.2	9.9
-18.75°	0.0	0.8	1.5	2.7	4.0	5.1	6.1	7.2	8.2	9.1	9.9
-20°	0.0	0.8	1.5	2.7	4.0	5.1	6.1	7.1	8.2	9.1	9.8
-21.25°	0.0	0.7	1.5	2.7	3.9	5.0	6.0	7.1	8.1	9.0	9.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.7	1.5	2.6	3.9	5.0	6.0	7.0	8.0	8.9	9.7
-23.75°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.9	9.6
-25°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.8	9.5
-26.25°	0.0	0.7	1.4	2.5	3.7	4.8	5.8	6.8	7.8	8.7	9.5
-27.5°	0.0	0.7	1.4	2.5	3.7	4.8	5.8	6.7	7.7	8.7	9.4
-28.75°	0.0	0.7	1.4	2.5	3.6	4.7	5.7	6.6	7.6	8.6	9.3
-30°	0.0	0.7	1.4	2.4	3.6	4.7	5.6	6.6	7.5	8.5	9.2
-31.25°	0.0	0.7	1.4	2.4	3.5	4.6	5.5	6.5	7.4	8.3	9.1
-32.5°	0.0	0.7	1.3	2.3	3.5	4.5	5.5	6.4	7.3	8.2	9.0
-33.75°	0.0	0.7	1.3	2.3	3.4	4.5	5.4	6.3	7.2	8.1	8.9
-35°	0.0	0.7	1.3	2.2	3.3	4.4	5.3	6.2	7.1	8.0	8.8
-36.25°	0.0	0.6	1.3	2.2	3.3	4.3	5.2	6.1	7.0	7.9	8.7
-37.5°	0.0	0.6	1.3	2.1	3.2	4.3	5.1	6.0	6.9	7.7	8.6
-38.75°	0.0	0.6	1.2	2.1	3.1	4.2	5.0	5.9	6.7	7.6	8.5
-40°	0.0	0.6	1.2	2.0	3.0	4.1	4.9	5.8	6.6	7.5	8.3
-41.25°	0.0	0.6	1.2	1.9	3.0	4.0	4.9	5.7	6.5	7.3	8.1
-42.5°	0.0	0.6	1.2	1.9	2.9	3.9	4.8	5.6	6.4	7.2	8.0
-43.75°	0.0	0.6	1.2	1.8	2.8	3.8	4.7	5.5	6.2	7.0	7.8
-45°	0.0	0.6	1.1	1.8	2.7	3.7	4.6	5.3	6.1	6.9	7.6
-46.25°	0.0	0.6	1.1	1.7	2.6	3.6	4.5	5.2	6.0	6.7	7.5
-47.5°	0.0	0.5	1.1	1.6	2.5	3.5	4.4	5.1	5.8	6.6	7.3
-48.75°	0.0	0.5	1.1	1.6	2.5	3.3	4.2	5.0	5.7	6.4	7.1
-50°	0.0	0.5	1.0	1.5	2.4	3.2	4.1	4.8	5.5	6.2	6.9
-51.25°	0.0	0.5	1.0	1.5	2.3	3.1	4.0	4.7	5.4	6.1	6.8
-52.5°	0.0	0.5	1.0	1.5	2.2	3.0	3.8	4.6	5.2	5.9	6.6
-53.75°	0.0	0.5	0.9	1.4	2.1	2.9	3.7	4.4	5.1	5.7	6.4
-55°	0.0	0.5	0.9	1.4	2.0	2.8	3.5	4.3	4.9	5.6	6.2
-56.25°	0.0	0.4	0.9	1.3	1.9	2.6	3.4	4.1	4.8	5.4	6.0
-57.5°	0.0	0.4	0.9	1.3	1.8	2.5	3.2	4.0	4.6	5.2	5.8
-58.75°	0.0	0.4	0.8	1.2	1.7	2.4	3.1	3.8	4.4	5.0	5.6
-60°	0.0	0.4	0.8	1.2	1.6	2.3	2.9	3.6	4.3	4.8	5.4
-61.25°	0.0	0.4	0.8	1.2	1.5	2.1	2.8	3.4	4.1	4.6	5.2
-62.5°	0.0	0.4	0.7	1.1	1.5	2.0	2.6	3.3	3.9	4.4	4.9
-63.75°	0.0	0.4	0.7	1.1	1.4	1.9	2.5	3.1	3.7	4.2	4.7
-65°	0.0	0.3	0.7	1.0	1.4	1.7	2.3	2.9	3.4	4.0	4.5
-66.25°	0.0	0.3	0.6	1.0	1.3	1.6	2.2	2.7	3.2	3.8	4.3
-67.5°	0.0	0.3	0.6	0.9	1.2	1.5	2.0	2.5	3.0	3.5	4.0
-68.75°	0.0	0.3	0.6	0.9	1.2	1.4	1.8	2.3	2.8	3.3	3.8
-70°	0.0	0.3	0.5	0.8	1.1	1.4	1.7	2.1	2.6	3.0	3.5
-71.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.9	2.4	2.8	3.2
-72.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.1	2.5	2.9
-73.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.3	2.7
-75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.0	2.4
-76.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.8	2.1
-77.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.8



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-81.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-83.75°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
-86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
86.25°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
85°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4
83.75°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.9
82.5°	1.1	1.2	1.3	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.5
81.25°	1.3	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
80°	1.5	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.7
78.75°	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.2
77.5°	2.1	2.4	2.7	2.9	3.2	3.5	3.8	4.0	4.3	4.5	4.7
76.25°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.2
75°	2.7	3.0	3.4	3.7	4.1	4.4	4.6	4.9	5.2	5.4	5.7
73.75°	3.0	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2
72.5°	3.3	3.7	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
71.25°	3.6	4.1	4.4	4.8	5.1	5.5	5.8	6.1	6.4	6.8	7.1
70°	3.9	4.4	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.2	7.6
68.75°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.3	7.7	8.0
67.5°	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5
66.25°	4.7	5.2	5.6	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.9
65°	5.0	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.2
63.75°	5.2	5.7	6.2	6.6	7.1	7.6	8.0	8.5	8.9	9.2	9.5
62.5°	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.2	9.5	9.8
61.25°	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.4	9.8	10.2
60°	5.9	6.4	7.0	7.5	8.0	8.6	9.0	9.4	9.7	10.1	10.4
58.75°	6.1	6.7	7.2	7.8	8.3	8.8	9.2	9.6	10.0	10.4	10.6
57.5°	6.4	6.9	7.5	8.1	8.7	9.1	9.5	9.9	10.3	10.6	10.8
56.25°	6.6	7.2	7.8	8.4	8.9	9.3	9.7	10.2	10.5	10.8	11.1
55°	6.8	7.4	8.0	8.6	9.1	9.5	10.0	10.4	10.7	11.0	11.3
53.75°	7.0	7.6	8.3	8.9	9.3	9.8	10.2	10.6	10.9	11.2	11.5
52.5°	7.2	7.9	8.5	9.1	9.5	10.0	10.4	10.7	11.0	11.4	11.9
51.25°	7.4	8.1	8.8	9.2	9.7	10.2	10.6	10.9	11.2	11.7	12.3
50°	7.6	8.3	8.9	9.4	9.9	10.4	10.7	11.1	11.4	12.1	12.7
48.75°	7.8	8.5	9.1	9.6	10.1	10.5	10.9	11.2	11.8	12.4	13.1
47.5°	8.0	8.7	9.3	9.8	10.3	10.7	11.0	11.4	12.1	12.8	13.5
46.25°	8.2	8.9	9.4	10.0	10.5	10.8	11.2	11.7	12.4	13.2	14.0
45°	8.4	9.0	9.6	10.2	10.6	11.0	11.3	12.0	12.8	13.5	14.5
43.75°	8.6	9.2	9.8	10.3	10.7	11.1	11.6	12.3	13.1	14.0	15.0
42.5°	8.8	9.3	9.9	10.4	10.8	11.2	11.8	12.6	13.4	14.4	15.6
41.25°	8.9	9.5	10.1	10.5	11.0	11.4	12.1	12.9	13.8	14.9	16.1
40°	9.0	9.6	10.2	10.7	11.1	11.6	12.4	13.2	14.2	15.4	16.5
38.75°	9.1	9.8	10.3	10.8	11.2	11.8	12.6	13.5	14.6	15.8	17.1
37.5°	9.3	9.9	10.4	10.9	11.3	12.1	12.9	13.8	15.1	16.3	17.6
36.25°	9.4	10.0	10.5	11.0	11.4	12.3	13.2	14.2	15.5	16.7	18.2
35°	9.5	10.1	10.6	11.1	11.6	12.5	13.4	14.6	15.9	17.2	18.7



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	9.6	10.3	10.7	11.2	11.8	12.7	13.7	14.9	16.2	17.7	19.2
32.5°	9.7	10.3	10.8	11.3	12.0	13.0	14.0	15.3	16.6	18.1	19.7
31.25°	9.8	10.4	10.9	11.4	12.2	13.2	14.3	15.6	17.0	18.6	20.2
30°	9.9	10.5	11.0	11.5	12.4	13.4	14.6	16.0	17.4	19.0	20.6
28.75°	10.0	10.6	11.0	11.7	12.6	13.6	14.9	16.3	17.8	19.5	21.1
27.5°	10.1	10.6	11.1	11.8	12.8	13.8	15.2	16.6	18.2	19.9	21.6
26.25°	10.2	10.7	11.2	12.0	12.9	14.1	15.5	16.9	18.6	20.3	22.1
25°	10.3	10.8	11.3	12.1	13.1	14.3	15.7	17.2	18.9	20.6	22.5
23.75°	10.3	10.8	11.3	12.3	13.3	14.6	16.0	17.6	19.3	21.0	23.0
22.5°	10.4	10.9	11.4	12.4	13.4	14.8	16.2	17.9	19.6	21.4	23.4
21.25°	10.4	10.9	11.5	12.5	13.5	15.0	16.5	18.2	19.9	21.8	23.8
20°	10.5	11.0	11.6	12.6	13.7	15.2	16.7	18.4	20.2	22.1	24.1
18.75°	10.5	11.0	11.7	12.8	13.9	15.4	16.9	18.7	20.5	22.5	24.5
17.5°	10.6	11.1	11.8	12.9	14.1	15.6	17.1	18.9	20.8	22.8	24.8
16.25°	10.6	11.1	11.9	13.0	14.2	15.7	17.4	19.2	21.0	23.1	25.1
15°	10.6	11.2	12.0	13.1	14.4	15.9	17.5	19.4	21.3	23.3	25.4
13.75°	10.7	11.2	12.1	13.1	14.5	16.0	17.7	19.6	21.5	23.6	25.7
12.5°	10.7	11.2	12.2	13.2	14.6	16.2	17.9	19.7	21.7	23.8	25.9
11.25°	10.7	11.3	12.2	13.3	14.7	16.3	18.1	19.9	21.9	24.0	26.1
10°	10.8	11.3	12.3	13.4	14.8	16.4	18.2	20.1	22.1	24.2	26.3
8.75°	10.8	11.3	12.3	13.4	14.9	16.5	18.3	20.2	22.2	24.4	26.5
7.5°	10.8	11.3	12.4	13.5	15.0	16.6	18.4	20.3	22.4	24.5	26.7
6.25°	10.8	11.4	12.4	13.5	15.1	16.6	18.5	20.4	22.5	24.6	26.8
5°	10.8	11.4	12.4	13.5	15.1	16.7	18.6	20.5	22.6	24.7	26.9
3.75°	10.8	11.4	12.5	13.6	15.1	16.7	18.6	20.5	22.7	24.8	27.0
2.5°	10.8	11.4	12.5	13.6	15.2	16.8	18.7	20.6	22.7	24.9	27.1
1.25°	10.8	11.4	12.5	13.6	15.2	16.8	18.7	20.6	22.7	24.9	27.1
0°	10.9	11.4	12.5	13.6	15.2	16.8	18.7	20.6	22.8	24.9	27.1
-1.25°	10.8	11.4	12.5	13.6	15.2	16.8	18.7	20.6	22.7	24.9	27.1
-2.5°	10.8	11.4	12.5	13.6	15.2	16.8	18.7	20.6	22.7	24.9	27.1
-3.75°	10.8	11.4	12.5	13.6	15.1	16.7	18.6	20.5	22.7	24.8	27.0
-5°	10.8	11.4	12.4	13.5	15.1	16.7	18.6	20.5	22.6	24.7	26.9
-6.25°	10.8	11.4	12.4	13.5	15.1	16.6	18.5	20.4	22.5	24.6	26.8
-7.5°	10.8	11.3	12.4	13.5	15.0	16.6	18.4	20.3	22.4	24.5	26.7
-8.75°	10.8	11.3	12.3	13.4	14.9	16.5	18.3	20.2	22.2	24.4	26.5
-10°	10.8	11.3	12.3	13.4	14.8	16.4	18.2	20.1	22.1	24.2	26.3
-11.25°	10.7	11.3	12.2	13.3	14.7	16.3	18.1	19.9	21.9	24.0	26.1
-12.5°	10.7	11.2	12.2	13.2	14.6	16.2	17.9	19.7	21.7	23.8	25.9
-13.75°	10.7	11.2	12.1	13.1	14.5	16.0	17.7	19.6	21.5	23.6	25.7
-15°	10.6	11.2	12.0	13.1	14.4	15.9	17.5	19.4	21.3	23.3	25.4
-16.25°	10.6	11.1	11.9	13.0	14.2	15.7	17.4	19.2	21.0	23.1	25.1
-17.5°	10.6	11.1	11.8	12.9	14.1	15.6	17.1	18.9	20.8	22.8	24.8
-18.75°	10.5	11.0	11.7	12.8	13.9	15.4	16.9	18.7	20.5	22.5	24.5
-20°	10.5	11.0	11.6	12.6	13.7	15.2	16.7	18.4	20.2	22.1	24.1
-21.25°	10.4	10.9	11.5	12.5	13.5	15.0	16.5	18.2	19.9	21.8	23.8



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	10.4	10.9	11.4	12.4	13.4	14.8	16.2	17.9	19.6	21.4	23.4
-23.75°	10.3	10.8	11.3	12.3	13.3	14.6	16.0	17.6	19.3	21.0	23.0
-25°	10.3	10.8	11.3	12.1	13.1	14.3	15.7	17.2	18.9	20.6	22.5
-26.25°	10.2	10.7	11.2	12.0	12.9	14.1	15.5	16.9	18.6	20.3	22.1
-27.5°	10.1	10.6	11.1	11.8	12.8	13.8	15.2	16.6	18.2	19.9	21.6
-28.75°	10.0	10.6	11.0	11.7	12.6	13.6	14.9	16.3	17.8	19.5	21.1
-30°	9.9	10.5	11.0	11.5	12.4	13.4	14.6	16.0	17.4	19.0	20.6
-31.25°	9.8	10.4	10.9	11.4	12.2	13.2	14.3	15.6	17.0	18.6	20.2
-32.5°	9.7	10.3	10.8	11.3	12.0	13.0	14.0	15.3	16.6	18.1	19.7
-33.75°	9.6	10.3	10.7	11.2	11.8	12.7	13.7	14.9	16.2	17.7	19.2
-35°	9.5	10.1	10.6	11.1	11.6	12.5	13.4	14.6	15.9	17.2	18.7
-36.25°	9.4	10.0	10.5	11.0	11.4	12.3	13.2	14.2	15.5	16.7	18.2
-37.5°	9.3	9.9	10.4	10.9	11.3	12.1	12.9	13.8	15.1	16.3	17.6
-38.75°	9.1	9.8	10.3	10.8	11.2	11.8	12.6	13.5	14.6	15.8	17.1
-40°	9.0	9.6	10.2	10.7	11.1	11.6	12.4	13.2	14.2	15.4	16.5
-41.25°	8.9	9.5	10.1	10.5	11.0	11.4	12.1	12.9	13.8	14.9	16.1
-42.5°	8.8	9.3	9.9	10.4	10.8	11.2	11.8	12.6	13.4	14.4	15.6
-43.75°	8.6	9.2	9.8	10.3	10.7	11.1	11.6	12.3	13.1	14.0	15.0
-45°	8.4	9.0	9.6	10.2	10.6	11.0	11.3	12.0	12.8	13.5	14.5
-46.25°	8.2	8.9	9.4	10.0	10.5	10.8	11.2	11.7	12.4	13.2	14.0
-47.5°	8.0	8.7	9.3	9.8	10.3	10.7	11.0	11.4	12.1	12.8	13.5
-48.75°	7.8	8.5	9.1	9.6	10.1	10.5	10.9	11.2	11.8	12.4	13.1
-50°	7.6	8.3	8.9	9.4	9.9	10.4	10.7	11.1	11.4	12.1	12.7
-51.25°	7.4	8.1	8.8	9.2	9.7	10.2	10.6	10.9	11.2	11.7	12.3
-52.5°	7.2	7.9	8.5	9.1	9.5	10.0	10.4	10.7	11.0	11.4	11.9
-53.75°	7.0	7.6	8.3	8.9	9.3	9.8	10.2	10.6	10.9	11.2	11.5
-55°	6.8	7.4	8.0	8.6	9.1	9.5	10.0	10.4	10.7	11.0	11.3
-56.25°	6.6	7.2	7.8	8.4	8.9	9.3	9.7	10.2	10.5	10.8	11.1
-57.5°	6.4	6.9	7.5	8.1	8.7	9.1	9.5	9.9	10.3	10.6	10.8
-58.75°	6.1	6.7	7.2	7.8	8.3	8.8	9.2	9.6	10.0	10.4	10.6
-60°	5.9	6.4	7.0	7.5	8.0	8.6	9.0	9.4	9.7	10.1	10.4
-61.25°	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.4	9.8	10.2
-62.5°	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.2	9.5	9.8
-63.75°	5.2	5.7	6.2	6.6	7.1	7.6	8.0	8.5	8.9	9.2	9.5
-65°	5.0	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.2
-66.25°	4.7	5.2	5.6	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.9
-67.5°	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5
-68.75°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.3	7.7	8.0
-70°	3.9	4.4	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.2	7.6
-71.25°	3.6	4.1	4.4	4.8	5.1	5.5	5.8	6.1	6.4	6.8	7.1
-72.5°	3.3	3.7	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
-73.75°	3.0	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2
-75°	2.7	3.0	3.4	3.7	4.1	4.4	4.6	4.9	5.2	5.4	5.7
-76.25°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.2
-77.5°	2.1	2.4	2.7	2.9	3.2	3.5	3.8	4.0	4.3	4.5	4.7



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.2
-80°	1.5	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.4	3.7
-81.25°	1.3	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
-82.5°	1.1	1.2	1.3	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.5
-83.75°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.9
-85°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4
-86.25°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-88.75°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	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: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
87.5°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
86.25°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
85°	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
83.75°	2.0	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2
82.5°	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1
81.25°	3.3	3.4	3.6	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.8
80°	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.1	5.2	5.4	5.5
78.75°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.2
77.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9
76.25°	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6
75°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.9	8.1	8.3
73.75°	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5	8.8	8.9
72.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.2	9.4
71.25°	7.4	7.7	8.0	8.3	8.7	8.9	9.1	9.3	9.5	9.7	9.9
70°	7.9	8.2	8.6	8.8	9.1	9.3	9.5	9.8	10.0	10.2	10.4
68.75°	8.4	8.7	9.0	9.2	9.5	9.7	10.0	10.2	10.4	10.6	10.7
67.5°	8.8	9.1	9.4	9.6	9.9	10.2	10.4	10.6	10.7	10.9	11.1
66.25°	9.2	9.4	9.7	10.0	10.3	10.5	10.7	10.9	11.0	11.2	11.4
65°	9.5	9.8	10.1	10.4	10.6	10.8	11.0	11.2	11.4	11.7	12.1
63.75°	9.8	10.2	10.4	10.6	10.8	11.1	11.3	11.5	11.9	12.3	12.7
62.5°	10.2	10.4	10.7	10.9	11.1	11.3	11.7	12.1	12.6	13.0	13.4
61.25°	10.4	10.7	10.9	11.2	11.4	11.8	12.3	12.7	13.2	13.6	14.3
60°	10.7	10.9	11.2	11.4	11.9	12.4	12.9	13.3	13.9	14.5	15.2
58.75°	10.9	11.2	11.4	11.9	12.4	12.9	13.4	14.1	14.8	15.5	16.1
57.5°	11.1	11.4	11.9	12.4	13.0	13.5	14.2	14.9	15.6	16.4	17.1
56.25°	11.3	11.8	12.4	12.9	13.5	14.2	15.0	15.7	16.5	17.3	18.2
55°	11.7	12.3	12.9	13.4	14.2	15.0	15.8	16.6	17.5	18.4	19.3
53.75°	12.1	12.7	13.3	14.1	14.9	15.7	16.6	17.5	18.5	19.4	20.4
52.5°	12.6	13.2	13.9	14.8	15.6	16.5	17.5	18.5	19.5	20.4	21.5
51.25°	13.0	13.6	14.5	15.5	16.4	17.3	18.4	19.4	20.4	21.6	22.7
50°	13.4	14.3	15.2	16.1	17.1	18.2	19.3	20.4	21.5	22.7	23.9
48.75°	13.9	14.9	15.8	16.8	17.9	19.1	20.2	21.4	22.6	23.8	25.0
47.5°	14.5	15.5	16.5	17.6	18.8	19.9	21.1	22.4	23.7	24.9	26.2
46.25°	15.0	16.1	17.1	18.4	19.6	20.8	22.1	23.4	24.7	26.0	27.3
45°	15.6	16.7	17.9	19.1	20.3	21.7	23.1	24.4	25.8	27.1	28.5
43.75°	16.1	17.3	18.6	19.9	21.2	22.6	24.0	25.4	26.8	28.2	29.5
42.5°	16.7	18.0	19.3	20.6	22.0	23.5	24.9	26.4	27.8	29.3	30.2
41.25°	17.3	18.6	20.0	21.4	22.9	24.4	25.9	27.4	28.8	29.9	30.8
40°	17.9	19.3	20.6	22.2	23.7	25.2	26.8	28.3	29.6	30.5	31.5
38.75°	18.5	19.9	21.4	22.9	24.5	26.1	27.7	29.2	30.2	31.2	32.1
37.5°	19.1	20.5	22.1	23.7	25.3	26.9	28.5	29.8	30.8	31.8	32.8
36.25°	19.6	21.2	22.8	24.4	26.1	27.7	29.4	30.4	31.4	32.4	33.6
35°	20.2	21.8	23.5	25.2	26.9	28.5	29.9	30.9	31.9	33.1	34.3



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	20.7	22.4	24.2	25.9	27.6	29.3	30.4	31.4	32.5	33.7	35.0
32.5°	21.3	23.1	24.8	26.6	28.3	29.8	30.8	31.9	33.1	34.4	35.3
31.25°	21.9	23.7	25.4	27.2	29.0	30.2	31.3	32.5	33.7	35.0	35.6
30°	22.4	24.2	26.1	27.9	29.5	30.7	31.8	33.0	34.3	35.3	35.8
28.75°	23.0	24.8	26.7	28.5	30.0	31.1	32.2	33.6	34.9	35.5	36.0
27.5°	23.5	25.3	27.2	29.1	30.3	31.5	32.7	34.1	35.3	35.7	36.2
26.25°	24.0	25.9	27.8	29.5	30.7	31.9	33.2	34.6	35.5	35.9	36.3
25°	24.5	26.4	28.3	29.9	31.1	32.3	33.7	35.1	35.6	36.1	36.3
23.75°	24.9	26.9	28.8	30.2	31.4	32.7	34.1	35.3	35.8	36.3	36.3
22.5°	25.3	27.3	29.3	30.5	31.7	33.1	34.6	35.5	36.0	36.3	36.3
21.25°	25.8	27.8	29.6	30.8	32.1	33.5	35.0	35.6	36.1	36.3	36.3
20°	26.2	28.2	29.9	31.1	32.4	33.9	35.3	35.8	36.3	36.3	36.3
18.75°	26.5	28.6	30.1	31.4	32.7	34.2	35.4	35.9	36.3	36.3	36.3
17.5°	26.9	29.0	30.4	31.6	33.1	34.6	35.5	36.0	36.3	36.3	36.3
16.25°	27.2	29.3	30.6	31.9	33.3	34.9	35.6	36.1	36.3	36.3	36.3
15°	27.5	29.5	30.8	32.1	33.6	35.1	35.7	36.2	36.3	36.3	36.3
13.75°	27.8	29.7	31.0	32.3	33.9	35.3	35.8	36.3	36.3	36.3	36.3
12.5°	28.1	29.8	31.2	32.5	34.1	35.4	35.9	36.3	36.3	36.3	36.3
11.25°	28.3	30.0	31.3	32.7	34.3	35.4	36.0	36.3	36.3	36.3	36.3
10°	28.5	30.1	31.5	32.9	34.5	35.5	36.0	36.3	36.3	36.3	36.3
8.75°	28.7	30.3	31.6	33.1	34.7	35.6	36.1	36.3	36.3	36.3	36.3
7.5°	28.9	30.4	31.7	33.2	34.8	35.6	36.1	36.3	36.3	36.3	36.3
6.25°	29.0	30.4	31.8	33.3	34.9	35.7	36.2	36.3	36.3	36.3	36.3
5°	29.1	30.5	31.9	33.4	35.0	35.7	36.2	36.3	36.3	36.3	36.3
3.75°	29.2	30.6	31.9	33.5	35.1	35.7	36.3	36.3	36.3	36.3	36.3
2.5°	29.3	30.6	32.0	33.6	35.2	35.7	36.3	36.3	36.3	36.3	36.3
1.25°	29.3	30.6	32.0	33.6	35.2	35.7	36.3	36.3	36.3	36.3	36.3
0°	29.3	30.7	32.0	33.6	35.2	35.7	36.3	36.3	36.3	36.3	36.3
-1.25°	29.3	30.6	32.0	33.6	35.2	35.7	36.3	36.3	36.3	36.3	36.3
-2.5°	29.3	30.6	32.0	33.6	35.2	35.7	36.3	36.3	36.3	36.3	36.3
-3.75°	29.2	30.6	31.9	33.5	35.1	35.7	36.3	36.3	36.3	36.3	36.3
-5°	29.1	30.5	31.9	33.4	35.0	35.7	36.2	36.3	36.3	36.3	36.3
-6.25°	29.0	30.4	31.8	33.3	34.9	35.7	36.2	36.3	36.3	36.3	36.3
-7.5°	28.9	30.4	31.7	33.2	34.8	35.6	36.1	36.3	36.3	36.3	36.3
-8.75°	28.7	30.3	31.6	33.1	34.7	35.6	36.1	36.3	36.3	36.3	36.3
-10°	28.5	30.1	31.5	32.9	34.5	35.5	36.0	36.3	36.3	36.3	36.3
-11.25°	28.3	30.0	31.3	32.7	34.3	35.4	36.0	36.3	36.3	36.3	36.3
-12.5°	28.1	29.8	31.2	32.5	34.1	35.4	35.9	36.3	36.3	36.3	36.3
-13.75°	27.8	29.7	31.0	32.3	33.9	35.3	35.8	36.3	36.3	36.3	36.3
-15°	27.5	29.5	30.8	32.1	33.6	35.1	35.7	36.2	36.3	36.3	36.3
-16.25°	27.2	29.3	30.6	31.9	33.3	34.9	35.6	36.1	36.3	36.3	36.3
-17.5°	26.9	29.0	30.4	31.6	33.1	34.6	35.5	36.0	36.3	36.3	36.3
-18.75°	26.5	28.6	30.1	31.4	32.7	34.2	35.4	35.9	36.3	36.3	36.3
-20°	26.2	28.2	29.9	31.1	32.4	33.9	35.3	35.8	36.3	36.3	36.3
-21.25°	25.8	27.8	29.6	30.8	32.1	33.5	35.0	35.6	36.1	36.3	36.3



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	25.3	27.3	29.3	30.5	31.7	33.1	34.6	35.5	36.0	36.3	36.3
-23.75°	24.9	26.9	28.8	30.2	31.4	32.7	34.1	35.3	35.8	36.3	36.3
-25°	24.5	26.4	28.3	29.9	31.1	32.3	33.7	35.1	35.6	36.1	36.3
-26.25°	24.0	25.9	27.8	29.5	30.7	31.9	33.2	34.6	35.5	35.9	36.3
-27.5°	23.5	25.3	27.2	29.1	30.3	31.5	32.7	34.1	35.3	35.7	36.2
-28.75°	23.0	24.8	26.7	28.5	30.0	31.1	32.2	33.6	34.9	35.5	36.0
-30°	22.4	24.2	26.1	27.9	29.5	30.7	31.8	33.0	34.3	35.3	35.8
-31.25°	21.9	23.7	25.4	27.2	29.0	30.2	31.3	32.5	33.7	35.0	35.6
-32.5°	21.3	23.1	24.8	26.6	28.3	29.8	30.8	31.9	33.1	34.4	35.3
-33.75°	20.7	22.4	24.2	25.9	27.6	29.3	30.4	31.4	32.5	33.7	35.0
-35°	20.2	21.8	23.5	25.2	26.9	28.5	29.9	30.9	31.9	33.1	34.3
-36.25°	19.6	21.2	22.8	24.4	26.1	27.7	29.4	30.4	31.4	32.4	33.6
-37.5°	19.1	20.5	22.1	23.7	25.3	26.9	28.5	29.8	30.8	31.8	32.8
-38.75°	18.5	19.9	21.4	22.9	24.5	26.1	27.7	29.2	30.2	31.2	32.1
-40°	17.9	19.3	20.6	22.2	23.7	25.2	26.8	28.3	29.6	30.5	31.5
-41.25°	17.3	18.6	20.0	21.4	22.9	24.4	25.9	27.4	28.8	29.9	30.8
-42.5°	16.7	18.0	19.3	20.6	22.0	23.5	24.9	26.4	27.8	29.3	30.2
-43.75°	16.1	17.3	18.6	19.9	21.2	22.6	24.0	25.4	26.8	28.2	29.5
-45°	15.6	16.7	17.9	19.1	20.3	21.7	23.1	24.4	25.8	27.1	28.5
-46.25°	15.0	16.1	17.1	18.4	19.6	20.8	22.1	23.4	24.7	26.0	27.3
-47.5°	14.5	15.5	16.5	17.6	18.8	19.9	21.1	22.4	23.7	24.9	26.2
-48.75°	13.9	14.9	15.8	16.8	17.9	19.1	20.2	21.4	22.6	23.8	25.0
-50°	13.4	14.3	15.2	16.1	17.1	18.2	19.3	20.4	21.5	22.7	23.9
-51.25°	13.0	13.6	14.5	15.5	16.4	17.3	18.4	19.4	20.4	21.6	22.7
-52.5°	12.6	13.2	13.9	14.8	15.6	16.5	17.5	18.5	19.5	20.4	21.5
-53.75°	12.1	12.7	13.3	14.1	14.9	15.7	16.6	17.5	18.5	19.4	20.4
-55°	11.7	12.3	12.9	13.4	14.2	15.0	15.8	16.6	17.5	18.4	19.3
-56.25°	11.3	11.8	12.4	12.9	13.5	14.2	15.0	15.7	16.5	17.3	18.2
-57.5°	11.1	11.4	11.9	12.4	13.0	13.5	14.2	14.9	15.6	16.4	17.1
-58.75°	10.9	11.2	11.4	11.9	12.4	12.9	13.4	14.1	14.8	15.5	16.1
-60°	10.7	10.9	11.2	11.4	11.9	12.4	12.9	13.3	13.9	14.5	15.2
-61.25°	10.4	10.7	10.9	11.2	11.4	11.8	12.3	12.7	13.2	13.6	14.3
-62.5°	10.2	10.4	10.7	10.9	11.1	11.3	11.7	12.1	12.6	13.0	13.4
-63.75°	9.8	10.2	10.4	10.6	10.8	11.1	11.3	11.5	11.9	12.3	12.7
-65°	9.5	9.8	10.1	10.4	10.6	10.8	11.0	11.2	11.4	11.7	12.1
-66.25°	9.2	9.4	9.7	10.0	10.3	10.5	10.7	10.9	11.0	11.2	11.4
-67.5°	8.8	9.1	9.4	9.6	9.9	10.2	10.4	10.6	10.7	10.9	11.1
-68.75°	8.4	8.7	9.0	9.2	9.5	9.7	10.0	10.2	10.4	10.6	10.7
-70°	7.9	8.2	8.6	8.8	9.1	9.3	9.5	9.8	10.0	10.2	10.4
-71.25°	7.4	7.7	8.0	8.3	8.7	8.9	9.1	9.3	9.5	9.7	9.9
-72.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.2	9.4
-73.75°	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5	8.8	8.9
-75°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.9	8.1	8.3
-76.25°	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6
-77.5°	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.2
-80°	3.9	4.1	4.3	4.4	4.6	4.8	4.9	5.1	5.2	5.4	5.5
-81.25°	3.3	3.4	3.6	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.8
-82.5°	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1
-83.75°	2.0	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2
-85°	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-86.25°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
-87.5°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
86.25°	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2
85°	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3
83.75°	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3
82.5°	4.2	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.2
81.25°	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1
80°	5.7	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0
78.75°	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.9
77.5°	7.1	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.5	8.6	8.7
76.25°	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0	9.1	9.3	9.4
75°	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.0
73.75°	9.1	9.3	9.4	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.5
72.5°	9.6	9.8	10.0	10.2	10.3	10.4	10.5	10.7	10.8	10.9	11.0
71.25°	10.1	10.3	10.5	10.6	10.7	10.8	11.0	11.1	11.2	11.3	11.4
70°	10.5	10.7	10.8	11.0	11.1	11.2	11.4	11.6	11.8	12.1	12.3
68.75°	10.9	11.0	11.2	11.3	11.6	11.8	12.1	12.4	12.6	12.9	13.2
67.5°	11.2	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.2
66.25°	11.8	12.1	12.4	12.8	13.1	13.4	13.8	14.2	14.6	15.1	15.5
65°	12.4	12.8	13.2	13.5	14.0	14.4	14.9	15.4	15.8	16.3	16.7
63.75°	13.1	13.5	14.0	14.5	15.0	15.6	16.1	16.5	17.1	17.6	18.2
62.5°	13.9	14.5	15.0	15.6	16.1	16.7	17.3	17.9	18.5	19.1	19.6
61.25°	14.9	15.5	16.1	16.7	17.3	18.0	18.6	19.3	19.9	20.5	21.2
60°	15.8	16.5	17.1	17.9	18.6	19.3	20.0	20.6	21.4	22.1	22.8
58.75°	16.8	17.6	18.4	19.1	19.9	20.6	21.4	22.2	22.9	23.7	24.4
57.5°	17.9	18.8	19.6	20.3	21.2	22.0	22.9	23.7	24.5	25.3	26.1
56.25°	19.1	19.9	20.8	21.7	22.6	23.5	24.4	25.2	26.1	26.9	27.7
55°	20.2	21.1	22.1	23.1	24.0	24.9	25.9	26.8	27.7	28.5	29.4
53.75°	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.3	29.2	29.8	30.4
52.5°	22.6	23.7	24.7	25.8	26.8	27.8	28.8	29.6	30.2	30.8	31.4
51.25°	23.8	24.9	26.0	27.1	28.2	29.3	29.9	30.5	31.2	31.8	32.4
50°	25.0	26.2	27.3	28.5	29.5	30.2	30.8	31.5	32.1	32.8	33.6
48.75°	26.3	27.5	28.6	29.6	30.3	31.0	31.7	32.4	33.2	34.0	34.7
47.5°	27.5	28.7	29.7	30.4	31.1	31.9	32.7	33.5	34.3	35.1	35.4
46.25°	28.6	29.7	30.5	31.2	32.0	32.8	33.7	34.5	35.3	35.5	35.8
45°	29.6	30.4	31.2	32.0	32.9	33.8	34.7	35.3	35.6	35.9	36.2
43.75°	30.3	31.1	32.0	32.9	33.9	34.8	35.4	35.7	36.0	36.3	36.3
42.5°	31.0	31.9	32.8	33.8	34.8	35.4	35.7	36.0	36.3	36.3	36.3
41.25°	31.7	32.7	33.7	34.7	35.4	35.7	36.0	36.3	36.3	36.3	36.3
40°	32.4	33.5	34.5	35.3	35.7	36.0	36.3	36.3	36.3	36.3	36.3
38.75°	33.2	34.3	35.3	35.6	36.0	36.3	36.3	36.3	36.3	36.3	36.3
37.5°	34.0	35.1	35.5	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3
36.25°	34.7	35.4	35.8	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.6
35°	35.3	35.7	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.9



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	35.5	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.9	37.2
32.5°	35.8	36.2	36.3	36.3	36.3	36.3	36.3	36.4	36.8	37.2	37.6
31.25°	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.7	37.1	37.5	38.1
30°	36.2	36.3	36.3	36.3	36.3	36.3	36.6	37.0	37.4	38.0	38.6
28.75°	36.3	36.3	36.3	36.3	36.3	36.4	36.8	37.3	37.8	38.4	39.0
27.5°	36.3	36.3	36.3	36.3	36.3	36.7	37.1	37.6	38.2	38.8	39.5
26.25°	36.3	36.3	36.3	36.3	36.5	36.9	37.4	38.0	38.6	39.2	39.9
25°	36.3	36.3	36.3	36.3	36.7	37.1	37.7	38.3	39.0	39.7	40.3
23.75°	36.3	36.3	36.3	36.4	36.9	37.4	38.0	38.7	39.4	40.1	40.7
22.5°	36.3	36.3	36.3	36.6	37.1	37.7	38.4	39.0	39.7	40.5	41.1
21.25°	36.3	36.3	36.4	36.8	37.3	38.0	38.7	39.4	40.1	40.8	41.5
20°	36.3	36.3	36.5	37.0	37.6	38.3	39.0	39.7	40.4	41.1	41.8
18.75°	36.3	36.3	36.7	37.2	37.8	38.5	39.3	40.0	40.8	41.5	42.2
17.5°	36.3	36.4	36.9	37.4	38.1	38.8	39.6	40.3	41.1	41.8	42.5
16.25°	36.3	36.5	37.0	37.6	38.3	39.0	39.8	40.6	41.3	42.1	42.8
15°	36.3	36.6	37.1	37.8	38.5	39.3	40.1	40.8	41.6	42.3	43.0
13.75°	36.3	36.7	37.3	38.0	38.7	39.5	40.3	41.1	41.8	42.6	43.3
12.5°	36.3	36.9	37.4	38.1	38.9	39.7	40.5	41.3	42.0	42.8	43.5
11.25°	36.4	37.0	37.5	38.3	39.1	39.9	40.7	41.5	42.2	43.0	43.8
10°	36.5	37.1	37.7	38.4	39.2	40.1	40.9	41.6	42.4	43.2	44.0
8.75°	36.6	37.1	37.8	38.6	39.4	40.2	41.0	41.8	42.6	43.3	44.4
7.5°	36.7	37.2	37.9	38.7	39.5	40.3	41.1	41.9	42.7	43.5	44.7
6.25°	36.7	37.3	38.0	38.8	39.6	40.4	41.3	42.0	42.8	43.6	44.9
5°	36.8	37.3	38.1	38.9	39.7	40.5	41.3	42.1	42.9	43.7	45.2
3.75°	36.8	37.4	38.1	38.9	39.8	40.6	41.4	42.2	43.0	43.8	45.3
2.5°	36.8	37.4	38.2	39.0	39.8	40.7	41.5	42.3	43.1	43.9	45.5
1.25°	36.8	37.4	38.2	39.0	39.8	40.7	41.5	42.3	43.1	43.9	45.5
0°	36.9	37.4	38.2	39.0	39.9	40.7	41.5	42.3	43.1	43.9	45.6
-1.25°	36.8	37.4	38.2	39.0	39.8	40.7	41.5	42.3	43.1	43.9	45.5
-2.5°	36.8	37.4	38.2	39.0	39.8	40.7	41.5	42.3	43.1	43.9	45.5
-3.75°	36.8	37.4	38.1	38.9	39.8	40.6	41.4	42.2	43.0	43.8	45.3
-5°	36.8	37.3	38.1	38.9	39.7	40.5	41.3	42.1	42.9	43.7	45.2
-6.25°	36.7	37.3	38.0	38.8	39.6	40.4	41.3	42.0	42.8	43.6	44.9
-7.5°	36.7	37.2	37.9	38.7	39.5	40.3	41.1	41.9	42.7	43.5	44.7
-8.75°	36.6	37.1	37.8	38.6	39.4	40.2	41.0	41.8	42.6	43.3	44.4
-10°	36.5	37.1	37.7	38.4	39.2	40.1	40.9	41.6	42.4	43.2	44.0
-11.25°	36.4	37.0	37.5	38.3	39.1	39.9	40.7	41.5	42.2	43.0	43.8
-12.5°	36.3	36.9	37.4	38.1	38.9	39.7	40.5	41.3	42.0	42.8	43.5
-13.75°	36.3	36.7	37.3	38.0	38.7	39.5	40.3	41.1	41.8	42.6	43.3
-15°	36.3	36.6	37.1	37.8	38.5	39.3	40.1	40.8	41.6	42.3	43.0
-16.25°	36.3	36.5	37.0	37.6	38.3	39.0	39.8	40.6	41.3	42.1	42.8
-17.5°	36.3	36.4	36.9	37.4	38.1	38.8	39.6	40.3	41.1	41.8	42.5
-18.75°	36.3	36.3	36.7	37.2	37.8	38.5	39.3	40.0	40.8	41.5	42.2
-20°	36.3	36.3	36.5	37.0	37.6	38.3	39.0	39.7	40.4	41.1	41.8
-21.25°	36.3	36.3	36.4	36.8	37.3	38.0	38.7	39.4	40.1	40.8	41.5



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	36.3	36.3	36.3	36.6	37.1	37.7	38.4	39.0	39.7	40.5	41.1
-23.75°	36.3	36.3	36.3	36.4	36.9	37.4	38.0	38.7	39.4	40.1	40.7
-25°	36.3	36.3	36.3	36.3	36.7	37.1	37.7	38.3	39.0	39.7	40.3
-26.25°	36.3	36.3	36.3	36.3	36.5	36.9	37.4	38.0	38.6	39.2	39.9
-27.5°	36.3	36.3	36.3	36.3	36.3	36.7	37.1	37.6	38.2	38.8	39.5
-28.75°	36.3	36.3	36.3	36.3	36.3	36.4	36.8	37.3	37.8	38.4	39.0
-30°	36.2	36.3	36.3	36.3	36.3	36.3	36.6	37.0	37.4	38.0	38.6
-31.25°	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.7	37.1	37.5	38.1
-32.5°	35.8	36.2	36.3	36.3	36.3	36.3	36.3	36.4	36.8	37.2	37.6
-33.75°	35.5	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.9	37.2
-35°	35.3	35.7	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.9
-36.25°	34.7	35.4	35.8	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.6
-37.5°	34.0	35.1	35.5	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-38.75°	33.2	34.3	35.3	35.6	36.0	36.3	36.3	36.3	36.3	36.3	36.3
-40°	32.4	33.5	34.5	35.3	35.7	36.0	36.3	36.3	36.3	36.3	36.3
-41.25°	31.7	32.7	33.7	34.7	35.4	35.7	36.0	36.3	36.3	36.3	36.3
-42.5°	31.0	31.9	32.8	33.8	34.8	35.4	35.7	36.0	36.3	36.3	36.3
-43.75°	30.3	31.1	32.0	32.9	33.9	34.8	35.4	35.7	36.0	36.3	36.3
-45°	29.6	30.4	31.2	32.0	32.9	33.8	34.7	35.3	35.6	35.9	36.2
-46.25°	28.6	29.7	30.5	31.2	32.0	32.8	33.7	34.5	35.3	35.5	35.8
-47.5°	27.5	28.7	29.7	30.4	31.1	31.9	32.7	33.5	34.3	35.1	35.4
-48.75°	26.3	27.5	28.6	29.6	30.3	31.0	31.7	32.4	33.2	34.0	34.7
-50°	25.0	26.2	27.3	28.5	29.5	30.2	30.8	31.5	32.1	32.8	33.6
-51.25°	23.8	24.9	26.0	27.1	28.2	29.3	29.9	30.5	31.2	31.8	32.4
-52.5°	22.6	23.7	24.7	25.8	26.8	27.8	28.8	29.6	30.2	30.8	31.4
-53.75°	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.3	29.2	29.8	30.4
-55°	20.2	21.1	22.1	23.1	24.0	24.9	25.9	26.8	27.7	28.5	29.4
-56.25°	19.1	19.9	20.8	21.7	22.6	23.5	24.4	25.2	26.1	26.9	27.7
-57.5°	17.9	18.8	19.6	20.3	21.2	22.0	22.9	23.7	24.5	25.3	26.1
-58.75°	16.8	17.6	18.4	19.1	19.9	20.6	21.4	22.2	22.9	23.7	24.4
-60°	15.8	16.5	17.1	17.9	18.6	19.3	20.0	20.6	21.4	22.1	22.8
-61.25°	14.9	15.5	16.1	16.7	17.3	18.0	18.6	19.3	19.9	20.5	21.2
-62.5°	13.9	14.5	15.0	15.6	16.1	16.7	17.3	17.9	18.5	19.1	19.6
-63.75°	13.1	13.5	14.0	14.5	15.0	15.6	16.1	16.5	17.1	17.6	18.2
-65°	12.4	12.8	13.2	13.5	14.0	14.4	14.9	15.4	15.8	16.3	16.7
-66.25°	11.8	12.1	12.4	12.8	13.1	13.4	13.8	14.2	14.6	15.1	15.5
-67.5°	11.2	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.2
-68.75°	10.9	11.0	11.2	11.3	11.6	11.8	12.1	12.4	12.6	12.9	13.2
-70°	10.5	10.7	10.8	11.0	11.1	11.2	11.4	11.6	11.8	12.1	12.3
-71.25°	10.1	10.3	10.5	10.6	10.7	10.8	11.0	11.1	11.2	11.3	11.4
-72.5°	9.6	9.8	10.0	10.2	10.3	10.4	10.5	10.7	10.8	10.9	11.0
-73.75°	9.1	9.3	9.4	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.5
-75°	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.0
-76.25°	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0	9.1	9.3	9.4
-77.5°	7.1	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.5	8.6	8.7



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.9
-80°	5.7	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0
-81.25°	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1
-82.5°	4.2	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.2
-83.75°	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3
-85°	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3
-86.25°	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2
-87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
-88.75°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
86.25°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
85°	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9
83.75°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0
82.5°	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0
81.25°	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0
80°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0
78.75°	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.7	8.8	8.9	8.9
77.5°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7
76.25°	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.3	10.4
75°	10.1	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8	10.9
73.75°	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.3	11.3	11.4
72.5°	11.1	11.2	11.3	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4
71.25°	11.6	11.8	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.3	13.4
70°	12.5	12.7	13.0	13.2	13.4	13.6	13.8	14.1	14.3	14.6	14.8
68.75°	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.7	16.0	16.2
67.5°	14.6	14.9	15.3	15.6	16.0	16.3	16.6	16.9	17.2	17.6	17.9
66.25°	15.9	16.2	16.6	17.0	17.4	17.8	18.2	18.6	18.9	19.3	19.6
65°	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3	20.6	21.0	21.4
63.75°	18.7	19.2	19.7	20.2	20.6	21.1	21.6	22.1	22.5	23.0	23.4
62.5°	20.2	20.7	21.3	21.9	22.4	23.0	23.5	24.0	24.5	24.9	25.3
61.25°	21.8	22.4	23.1	23.7	24.2	24.8	25.3	25.9	26.4	26.9	27.3
60°	23.5	24.2	24.8	25.4	26.1	26.7	27.2	27.8	28.3	28.8	29.3
58.75°	25.2	25.9	26.6	27.2	27.9	28.5	29.1	29.5	29.9	30.2	30.5
57.5°	26.9	27.6	28.3	29.0	29.5	30.0	30.3	30.7	31.1	31.4	31.7
56.25°	28.5	29.3	29.8	30.2	30.7	31.1	31.5	31.9	32.3	32.7	33.1
55°	29.9	30.4	30.8	31.3	31.8	32.2	32.7	33.2	33.7	34.1	34.6
53.75°	30.9	31.4	31.9	32.5	33.0	33.6	34.1	34.6	35.1	35.3	35.5
52.5°	31.9	32.5	33.1	33.7	34.3	34.9	35.3	35.5	35.6	35.8	36.0
51.25°	33.1	33.7	34.4	35.0	35.3	35.5	35.7	35.9	36.1	36.3	36.3
50°	34.3	35.0	35.3	35.6	35.8	36.0	36.2	36.3	36.3	36.3	36.3
48.75°	35.3	35.5	35.8	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3
47.5°	35.7	35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
46.25°	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
45°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.6
43.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.7	36.9	37.1
42.5°	36.3	36.3	36.3	36.3	36.3	36.4	36.7	36.9	37.1	37.4	37.7
41.25°	36.3	36.3	36.3	36.3	36.6	36.8	37.1	37.4	37.7	38.0	38.4
40°	36.3	36.3	36.4	36.7	37.0	37.3	37.6	38.0	38.3	38.7	39.0
38.75°	36.3	36.5	36.8	37.1	37.4	37.8	38.2	38.6	39.0	39.4	39.7
37.5°	36.5	36.9	37.2	37.5	38.0	38.4	38.8	39.2	39.7	40.1	40.5
36.25°	36.9	37.2	37.6	38.1	38.6	39.0	39.5	39.9	40.3	40.7	41.1
35°	37.2	37.7	38.2	38.6	39.1	39.6	40.1	40.6	41.0	41.4	41.8



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.6	42.0	42.4
32.5°	38.2	38.7	39.2	39.8	40.3	40.8	41.3	41.8	42.2	42.6	43.1
31.25°	38.6	39.2	39.8	40.3	40.9	41.4	41.9	42.3	42.8	43.3	43.7
30°	39.1	39.7	40.3	40.9	41.4	41.9	42.4	42.9	43.4	43.9	44.7
28.75°	39.6	40.2	40.8	41.4	41.9	42.4	43.0	43.5	44.1	45.0	46.0
27.5°	40.1	40.7	41.3	41.9	42.4	43.0	43.5	44.2	45.2	46.3	47.3
26.25°	40.6	41.2	41.8	42.3	42.9	43.5	44.2	45.3	46.4	47.9	50.7
25°	41.0	41.6	42.2	42.8	43.4	44.1	45.2	46.4	48.0	51.1	54.0
23.75°	41.4	42.0	42.6	43.3	43.9	45.0	46.3	47.9	51.1	54.2	57.4
22.5°	41.8	42.4	43.1	43.7	44.7	46.0	47.3	50.7	54.0	57.4	61.2
21.25°	42.2	42.8	43.5	44.3	45.6	46.9	50.0	53.5	57.0	60.9	64.8
20°	42.5	43.2	43.9	45.2	46.5	48.9	52.6	56.2	60.3	64.3	68.9
18.75°	42.9	43.5	44.6	45.9	47.5	51.3	55.1	59.1	63.4	67.8	74.8
17.5°	43.2	43.9	45.3	46.7	49.7	53.6	57.6	62.0	66.4	72.9	89.9
16.25°	43.5	44.5	46.0	47.8	51.8	55.7	60.2	64.8	70.5	84.2	118.0
15°	43.8	45.1	46.6	49.7	53.7	58.0	62.7	67.4	76.2	101.3	153.9
13.75°	44.2	45.7	47.2	51.4	55.5	60.2	65.0	71.4	88.0	130.6	196.7
12.5°	44.7	46.2	48.8	53.0	57.4	62.3	67.2	76.7	105.4	164.2	241.3
11.25°	45.2	46.7	50.2	54.5	59.2	64.2	70.4	86.3	129.4	199.5	284.4
10°	45.6	47.2	51.5	55.8	60.8	65.9	73.4	96.1	155.0	235.4	326.8
8.75°	46.0	48.2	52.6	57.1	62.3	67.6	79.2	114.8	182.5	269.0	365.1
7.5°	46.3	49.1	53.6	58.3	63.6	69.8	85.8	131.3	206.7	299.7	398.9
6.25°	46.6	49.9	54.4	59.4	64.7	71.7	91.4	146.6	230.5	327.1	427.9
5°	46.8	50.6	55.1	60.3	65.6	73.3	98.4	162.9	250.4	349.9	452.0
3.75°	47.0	51.1	55.7	60.9	66.3	74.8	107.1	175.6	266.0	367.7	471.0
2.5°	47.1	51.5	56.1	61.4	66.8	77.3	113.3	184.8	277.3	380.6	484.6
1.25°	47.2	51.7	56.3	61.7	67.1	78.8	117.0	190.3	284.0	388.4	492.8
0°	47.2	51.8	56.4	61.8	67.2	79.3	118.3	192.1	286.3	391.0	495.6
-1.25°	47.2	51.7	56.3	61.7	67.1	78.8	117.0	190.3	284.0	388.4	492.8
-2.5°	47.1	51.5	56.1	61.4	66.8	77.3	113.3	184.8	277.3	380.6	484.6
-3.75°	47.0	51.1	55.7	60.9	66.3	74.8	107.1	175.6	266.0	367.7	471.0
-5°	46.8	50.6	55.1	60.3	65.6	73.3	98.4	162.9	250.4	349.9	452.0
-6.25°	46.6	49.9	54.4	59.4	64.7	71.7	91.4	146.6	230.5	327.1	427.9
-7.5°	46.3	49.1	53.6	58.3	63.6	69.8	85.8	131.3	206.7	299.7	398.9
-8.75°	46.0	48.2	52.6	57.1	62.3	67.6	79.2	114.8	182.5	269.0	365.1
-10°	45.6	47.2	51.5	55.8	60.8	65.9	73.4	96.1	155.0	235.4	326.8
-11.25°	45.2	46.7	50.2	54.5	59.2	64.2	70.4	86.3	129.4	199.5	284.4
-12.5°	44.7	46.2	48.8	53.0	57.4	62.3	67.2	76.7	105.4	164.2	241.3
-13.75°	44.2	45.7	47.2	51.4	55.5	60.2	65.0	71.4	88.0	130.6	196.7
-15°	43.8	45.1	46.6	49.7	53.7	58.0	62.7	67.4	76.2	101.3	153.9
-16.25°	43.5	44.5	46.0	47.8	51.8	55.7	60.2	64.8	70.5	84.2	118.0
-17.5°	43.2	43.9	45.3	46.7	49.7	53.6	57.6	62.0	66.4	72.9	89.9
-18.75°	42.9	43.5	44.6	45.9	47.5	51.3	55.1	59.1	63.4	67.8	74.8
-20°	42.5	43.2	43.9	45.2	46.5	48.9	52.6	56.2	60.3	64.3	68.9
-21.25°	42.2	42.8	43.5	44.3	45.6	46.9	50.0	53.5	57.0	60.9	64.8



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	41.8	42.4	43.1	43.7	44.7	46.0	47.3	50.7	54.0	57.4	61.2
-23.75°	41.4	42.0	42.6	43.3	43.9	45.0	46.3	47.9	51.1	54.2	57.4
-25°	41.0	41.6	42.2	42.8	43.4	44.1	45.2	46.4	48.0	51.1	54.0
-26.25°	40.6	41.2	41.8	42.3	42.9	43.5	44.2	45.3	46.4	47.9	50.7
-27.5°	40.1	40.7	41.3	41.9	42.4	43.0	43.5	44.2	45.2	46.3	47.3
-28.75°	39.6	40.2	40.8	41.4	41.9	42.4	43.0	43.5	44.1	45.0	46.0
-30°	39.1	39.7	40.3	40.9	41.4	41.9	42.4	42.9	43.4	43.9	44.7
-31.25°	38.6	39.2	39.8	40.3	40.9	41.4	41.9	42.3	42.8	43.3	43.7
-32.5°	38.2	38.7	39.2	39.8	40.3	40.8	41.3	41.8	42.2	42.6	43.1
-33.75°	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.6	42.0	42.4
-35°	37.2	37.7	38.2	38.6	39.1	39.6	40.1	40.6	41.0	41.4	41.8
-36.25°	36.9	37.2	37.6	38.1	38.6	39.0	39.5	39.9	40.3	40.7	41.1
-37.5°	36.5	36.9	37.2	37.5	38.0	38.4	38.8	39.2	39.7	40.1	40.5
-38.75°	36.3	36.5	36.8	37.1	37.4	37.8	38.2	38.6	39.0	39.4	39.7
-40°	36.3	36.3	36.4	36.7	37.0	37.3	37.6	38.0	38.3	38.7	39.0
-41.25°	36.3	36.3	36.3	36.3	36.6	36.8	37.1	37.4	37.7	38.0	38.4
-42.5°	36.3	36.3	36.3	36.3	36.3	36.4	36.7	36.9	37.1	37.4	37.7
-43.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.7	36.9	37.1
-45°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.6
-46.25°	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-47.5°	35.7	35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-48.75°	35.3	35.5	35.8	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3
-50°	34.3	35.0	35.3	35.6	35.8	36.0	36.2	36.3	36.3	36.3	36.3
-51.25°	33.1	33.7	34.4	35.0	35.3	35.5	35.7	35.9	36.1	36.3	36.3
-52.5°	31.9	32.5	33.1	33.7	34.3	34.9	35.3	35.5	35.6	35.8	36.0
-53.75°	30.9	31.4	31.9	32.5	33.0	33.6	34.1	34.6	35.1	35.3	35.5
-55°	29.9	30.4	30.8	31.3	31.8	32.2	32.7	33.2	33.7	34.1	34.6
-56.25°	28.5	29.3	29.8	30.2	30.7	31.1	31.5	31.9	32.3	32.7	33.1
-57.5°	26.9	27.6	28.3	29.0	29.5	30.0	30.3	30.7	31.1	31.4	31.7
-58.75°	25.2	25.9	26.6	27.2	27.9	28.5	29.1	29.5	29.9	30.2	30.5
-60°	23.5	24.2	24.8	25.4	26.1	26.7	27.2	27.8	28.3	28.8	29.3
-61.25°	21.8	22.4	23.1	23.7	24.2	24.8	25.3	25.9	26.4	26.9	27.3
-62.5°	20.2	20.7	21.3	21.9	22.4	23.0	23.5	24.0	24.5	24.9	25.3
-63.75°	18.7	19.2	19.7	20.2	20.6	21.1	21.6	22.1	22.5	23.0	23.4
-65°	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3	20.6	21.0	21.4
-66.25°	15.9	16.2	16.6	17.0	17.4	17.8	18.2	18.6	18.9	19.3	19.6
-67.5°	14.6	14.9	15.3	15.6	16.0	16.3	16.6	16.9	17.2	17.6	17.9
-68.75°	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.7	16.0	16.2
-70°	12.5	12.7	13.0	13.2	13.4	13.6	13.8	14.1	14.3	14.6	14.8
-71.25°	11.6	11.8	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.3	13.4
-72.5°	11.1	11.2	11.3	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4
-73.75°	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.3	11.3	11.4
-75°	10.1	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8	10.9
-76.25°	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.3	10.4
-77.5°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	8.0	8.1	8.2	8.3	8.5	8.6	8.7	8.7	8.8	8.9	8.9
-80°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0
-81.25°	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0
-82.5°	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	5.9	6.0
-83.75°	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0
-85°	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9
-86.25°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
-87.5°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
86.25°	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9
85°	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2
83.75°	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.3
82.5°	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4
81.25°	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5
80°	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.6
78.75°	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4
77.5°	9.7	9.8	9.9	9.9	10.0	10.0	10.1	10.1	10.1	10.2	10.2
76.25°	10.4	10.5	10.5	10.6	10.6	10.6	10.7	10.7	10.7	10.8	10.8
75°	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.2	11.3	11.3	11.3
73.75°	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.3
72.5°	12.5	12.6	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.4	13.4
71.25°	13.5	13.7	13.9	14.1	14.2	14.4	14.5	14.6	14.7	14.8	14.9
70°	15.0	15.2	15.4	15.6	15.7	15.9	16.0	16.2	16.3	16.4	16.5
68.75°	16.5	16.7	16.9	17.1	17.4	17.5	17.7	17.9	18.1	18.2	18.3
67.5°	18.2	18.4	18.7	18.9	19.2	19.4	19.6	19.7	19.9	20.1	20.2
66.25°	19.9	20.2	20.5	20.8	21.0	21.3	21.5	21.7	21.9	22.1	22.2
65°	21.8	22.1	22.5	22.8	23.1	23.3	23.6	23.8	24.0	24.2	24.4
63.75°	23.8	24.1	24.5	24.8	25.1	25.4	25.7	25.9	26.1	26.3	26.5
62.5°	25.8	26.2	26.5	26.9	27.2	27.5	27.8	28.1	28.3	28.5	28.7
61.25°	27.8	28.2	28.6	29.0	29.3	29.5	29.7	29.8	30.0	30.1	30.3
60°	29.6	29.9	30.1	30.4	30.6	30.8	31.0	31.2	31.3	31.5	31.6
58.75°	30.8	31.1	31.4	31.6	31.9	32.1	32.3	32.5	32.7	32.9	33.1
57.5°	32.1	32.4	32.7	33.1	33.3	33.6	33.9	34.1	34.3	34.5	34.7
56.25°	33.5	33.9	34.2	34.6	34.9	35.1	35.3	35.4	35.4	35.5	35.6
55°	35.0	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.0	36.1
53.75°	35.6	35.8	35.9	36.0	36.1	36.2	36.3	36.3	36.3	36.3	36.3
52.5°	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
48.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.5	36.6
47.5°	36.3	36.3	36.3	36.4	36.5	36.6	36.7	36.9	37.0	37.1	37.1
46.25°	36.4	36.5	36.7	36.9	37.0	37.1	37.3	37.4	37.5	37.7	37.8
45°	36.8	37.0	37.2	37.4	37.6	37.8	38.0	38.1	38.3	38.4	38.6
43.75°	37.3	37.6	37.8	38.1	38.3	38.5	38.7	38.9	39.1	39.2	39.4
42.5°	38.0	38.3	38.5	38.8	39.0	39.3	39.5	39.7	39.9	40.1	40.2
41.25°	38.7	39.0	39.3	39.6	39.8	40.1	40.3	40.5	40.7	40.9	41.0
40°	39.4	39.7	40.0	40.3	40.6	40.8	41.1	41.3	41.5	41.6	41.8
38.75°	40.1	40.4	40.8	41.1	41.3	41.6	41.8	42.0	42.2	42.4	42.6
37.5°	40.8	41.1	41.5	41.8	42.1	42.3	42.6	42.8	43.0	43.2	43.3
36.25°	41.5	41.8	42.2	42.5	42.8	43.0	43.3	43.5	43.8	44.0	44.4
35°	42.2	42.5	42.9	43.2	43.5	43.8	44.2	44.7	45.2	45.6	46.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	42.8	43.2	43.5	43.9	44.5	45.1	45.7	46.2	46.7	47.2	48.2
32.5°	43.5	43.9	44.6	45.3	46.0	46.6	47.2	48.8	50.2	51.5	52.6
31.25°	44.3	45.2	45.9	46.7	47.8	49.7	51.4	53.0	54.5	55.8	57.1
30°	45.6	46.5	47.5	49.7	51.8	53.7	55.5	57.4	59.2	60.8	62.3
28.75°	46.9	48.9	51.3	53.6	55.7	58.0	60.2	62.3	64.2	65.9	67.6
27.5°	50.0	52.6	55.1	57.6	60.2	62.7	65.0	67.2	70.4	73.4	79.2
26.25°	53.5	56.2	59.1	62.0	64.8	67.4	71.4	76.7	86.3	96.1	114.8
25°	57.0	60.3	63.4	66.4	70.5	76.2	88.0	105.4	129.4	155.0	182.5
23.75°	60.9	64.3	67.8	72.9	84.2	101.3	130.6	164.2	199.5	235.4	269.0
22.5°	64.8	68.9	74.8	89.9	118.0	153.9	196.7	241.3	284.4	326.8	365.1
21.25°	69.3	77.1	93.4	129.3	174.1	223.6	275.7	327.6	376.6	421.4	461.8
20°	77.1	94.8	135.0	186.3	243.1	301.9	360.8	416.2	467.7	507.4	533.6
18.75°	93.4	135.0	190.4	252.9	318.2	383.3	445.0	500.2	533.4	563.9	591.6
17.5°	129.3	186.3	252.9	323.7	394.6	462.5	515.0	552.4	587.3	619.6	644.0
16.25°	174.1	243.1	318.2	394.6	468.4	522.4	563.9	603.2	636.9	664.4	694.7
15°	223.6	301.9	383.3	462.5	522.4	567.8	611.2	646.9	681.2	716.8	754.1
13.75°	275.7	360.8	445.0	515.0	563.9	611.2	650.3	689.7	732.1	776.4	829.7
12.5°	327.6	416.2	500.2	552.4	603.2	646.9	689.7	737.3	790.9	854.0	938.6
11.25°	376.6	467.7	533.4	587.3	636.9	681.2	732.1	790.9	865.4	962.6	1074.8
10°	421.4	507.4	563.9	619.6	664.4	716.8	776.4	854.0	962.6	1090.6	1242.8
8.75°	461.8	533.6	591.6	644.0	694.7	754.1	829.7	938.6	1074.8	1242.8	1444.2
7.5°	496.8	556.7	616.2	665.1	723.0	792.8	891.8	1028.0	1199.3	1414.2	1686.4
6.25°	515.6	576.7	634.8	687.3	750.3	832.1	954.6	1114.4	1326.1	1599.3	1964.2
5°	531.2	593.4	649.1	705.8	773.6	872.9	1018.4	1207.7	1456.6	1794.8	2259.5
3.75°	543.6	606.5	660.3	721.3	797.9	912.0	1071.2	1282.9	1575.0	1993.0	2558.3
2.5°	552.4	616.0	669.3	733.6	815.6	940.5	1111.0	1351.2	1681.4	2155.4	2788.7
1.25°	557.8	621.7	675.3	741.0	826.4	957.8	1141.6	1394.3	1746.6	2255.6	2945.0
0°	559.6	623.6	677.3	743.5	830.0	963.6	1151.9	1408.8	1768.7	2289.5	3000.8
-1.25°	557.8	621.7	675.3	741.0	826.4	957.8	1141.6	1394.3	1746.6	2255.6	2945.0
-2.5°	552.4	616.0	669.3	733.6	815.6	940.5	1111.0	1351.2	1681.4	2155.4	2788.7
-3.75°	543.6	606.5	660.3	721.3	797.9	912.0	1071.2	1282.9	1575.0	1993.0	2558.3
-5°	531.2	593.4	649.1	705.8	773.6	872.9	1018.4	1207.7	1456.6	1794.8	2259.5
-6.25°	515.6	576.7	634.8	687.3	750.3	832.1	954.6	1114.4	1326.1	1599.3	1964.2
-7.5°	496.8	556.7	616.2	665.1	723.0	792.8	891.8	1028.0	1199.3	1414.2	1686.4
-8.75°	461.8	533.6	591.6	644.0	694.7	754.1	829.7	938.6	1074.8	1242.8	1444.2
-10°	421.4	507.4	563.9	619.6	664.4	716.8	776.4	854.0	962.6	1090.6	1242.8
-11.25°	376.6	467.7	533.4	587.3	636.9	681.2	732.1	790.9	865.4	962.6	1074.8
-12.5°	327.6	416.2	500.2	552.4	603.2	646.9	689.7	737.3	790.9	854.0	938.6
-13.75°	275.7	360.8	445.0	515.0	563.9	611.2	650.3	689.7	732.1	776.4	829.7
-15°	223.6	301.9	383.3	462.5	522.4	567.8	611.2	646.9	681.2	716.8	754.1
-16.25°	174.1	243.1	318.2	394.6	468.4	522.4	563.9	603.2	636.9	664.4	694.7
-17.5°	129.3	186.3	252.9	323.7	394.6	462.5	515.0	552.4	587.3	619.6	644.0
-18.75°	93.4	135.0	190.4	252.9	318.2	383.3	445.0	500.2	533.4	563.9	591.6
-20°	77.1	94.8	135.0	186.3	243.1	301.9	360.8	416.2	467.7	507.4	533.6
-21.25°	69.3	77.1	93.4	129.3	174.1	223.6	275.7	327.6	376.6	421.4	461.8



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	64.8	68.9	74.8	89.9	118.0	153.9	196.7	241.3	284.4	326.8	365.1
-23.75°	60.9	64.3	67.8	72.9	84.2	101.3	130.6	164.2	199.5	235.4	269.0
-25°	57.0	60.3	63.4	66.4	70.5	76.2	88.0	105.4	129.4	155.0	182.5
-26.25°	53.5	56.2	59.1	62.0	64.8	67.4	71.4	76.7	86.3	96.1	114.8
-27.5°	50.0	52.6	55.1	57.6	60.2	62.7	65.0	67.2	70.4	73.4	79.2
-28.75°	46.9	48.9	51.3	53.6	55.7	58.0	60.2	62.3	64.2	65.9	67.6
-30°	45.6	46.5	47.5	49.7	51.8	53.7	55.5	57.4	59.2	60.8	62.3
-31.25°	44.3	45.2	45.9	46.7	47.8	49.7	51.4	53.0	54.5	55.8	57.1
-32.5°	43.5	43.9	44.6	45.3	46.0	46.6	47.2	48.8	50.2	51.5	52.6
-33.75°	42.8	43.2	43.5	43.9	44.5	45.1	45.7	46.2	46.7	47.2	48.2
-35°	42.2	42.5	42.9	43.2	43.5	43.8	44.2	44.7	45.2	45.6	46.0
-36.25°	41.5	41.8	42.2	42.5	42.8	43.0	43.3	43.5	43.8	44.0	44.4
-37.5°	40.8	41.1	41.5	41.8	42.1	42.3	42.6	42.8	43.0	43.2	43.3
-38.75°	40.1	40.4	40.8	41.1	41.3	41.6	41.8	42.0	42.2	42.4	42.6
-40°	39.4	39.7	40.0	40.3	40.6	40.8	41.1	41.3	41.5	41.6	41.8
-41.25°	38.7	39.0	39.3	39.6	39.8	40.1	40.3	40.5	40.7	40.9	41.0
-42.5°	38.0	38.3	38.5	38.8	39.0	39.3	39.5	39.7	39.9	40.1	40.2
-43.75°	37.3	37.6	37.8	38.1	38.3	38.5	38.7	38.9	39.1	39.2	39.4
-45°	36.8	37.0	37.2	37.4	37.6	37.8	38.0	38.1	38.3	38.4	38.6
-46.25°	36.4	36.5	36.7	36.9	37.0	37.1	37.3	37.4	37.5	37.7	37.8
-47.5°	36.3	36.3	36.3	36.4	36.5	36.6	36.7	36.9	37.0	37.1	37.1
-48.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.5	36.6
-50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-52.5°	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-53.75°	35.6	35.8	35.9	36.0	36.1	36.2	36.3	36.3	36.3	36.3	36.3
-55°	35.0	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.0	36.1
-56.25°	33.5	33.9	34.2	34.6	34.9	35.1	35.3	35.4	35.4	35.5	35.6
-57.5°	32.1	32.4	32.7	33.1	33.3	33.6	33.9	34.1	34.3	34.5	34.7
-58.75°	30.8	31.1	31.4	31.6	31.9	32.1	32.3	32.5	32.7	32.9	33.1
-60°	29.6	29.9	30.1	30.4	30.6	30.8	31.0	31.2	31.3	31.5	31.6
-61.25°	27.8	28.2	28.6	29.0	29.3	29.5	29.7	29.8	30.0	30.1	30.3
-62.5°	25.8	26.2	26.5	26.9	27.2	27.5	27.8	28.1	28.3	28.5	28.7
-63.75°	23.8	24.1	24.5	24.8	25.1	25.4	25.7	25.9	26.1	26.3	26.5
-65°	21.8	22.1	22.5	22.8	23.1	23.3	23.6	23.8	24.0	24.2	24.4
-66.25°	19.9	20.2	20.5	20.8	21.0	21.3	21.5	21.7	21.9	22.1	22.2
-67.5°	18.2	18.4	18.7	18.9	19.2	19.4	19.6	19.7	19.9	20.1	20.2
-68.75°	16.5	16.7	16.9	17.1	17.4	17.5	17.7	17.9	18.1	18.2	18.3
-70°	15.0	15.2	15.4	15.6	15.7	15.9	16.0	16.2	16.3	16.4	16.5
-71.25°	13.5	13.7	13.9	14.1	14.2	14.4	14.5	14.6	14.7	14.8	14.9
-72.5°	12.5	12.6	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.4	13.4
-73.75°	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.3
-75°	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.2	11.3	11.3	11.3
-76.25°	10.4	10.5	10.5	10.6	10.6	10.6	10.7	10.7	10.7	10.8	10.8
-77.5°	9.7	9.8	9.9	9.9	10.0	10.0	10.1	10.1	10.1	10.2	10.2



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4
-80°	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.6
-81.25°	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5
-82.5°	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4
-83.75°	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.3
-85°	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2
-86.25°	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
-88.75°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
86.25°	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9
85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
83.75°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
82.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
81.25°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
80°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
78.75°	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
77.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
76.25°	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8
75°	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
73.75°	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
72.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
71.25°	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.1
70°	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
68.75°	18.4	18.5	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.6	18.6
67.5°	20.3	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.5	20.5
66.25°	22.4	22.5	22.6	22.7	22.7	22.7	22.8	22.7	22.7	22.7	22.6
65°	24.5	24.6	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.7
63.75°	26.7	26.8	26.9	27.0	27.1	27.1	27.1	27.1	27.1	27.0	26.9
62.5°	28.9	29.0	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.2	29.1
61.25°	30.4	30.4	30.5	30.6	30.6	30.6	30.7	30.6	30.6	30.6	30.5
60°	31.7	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	31.9	31.9
58.75°	33.2	33.3	33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.5	33.4
57.5°	34.8	34.9	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.0
56.25°	35.6	35.7	35.7	35.7	35.7	35.7	35.8	35.7	35.7	35.7	35.7
55°	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2
53.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
52.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
48.75°	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.8	36.8	36.8	36.8
47.5°	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.3
46.25°	37.9	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.1	38.1
45°	38.7	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	38.9	38.9
43.75°	39.5	39.6	39.7	39.8	39.8	39.8	39.9	39.8	39.8	39.8	39.7
42.5°	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.6	40.5
41.25°	41.1	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.4	41.3
40°	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.1
38.75°	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.0	42.9
37.5°	43.5	43.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.8	43.7
36.25°	44.7	44.9	45.2	45.3	45.5	45.5	45.6	45.5	45.5	45.3	45.2
35°	46.3	46.6	46.8	47.0	47.1	47.2	47.2	47.2	47.1	47.0	46.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	49.1	49.9	50.6	51.1	51.5	51.7	51.8	51.7	51.5	51.1	50.6
32.5°	53.6	54.4	55.1	55.7	56.1	56.3	56.4	56.3	56.1	55.7	55.1
31.25°	58.3	59.4	60.3	60.9	61.4	61.7	61.8	61.7	61.4	60.9	60.3
30°	63.6	64.7	65.6	66.3	66.8	67.1	67.2	67.1	66.8	66.3	65.6
28.75°	69.8	71.7	73.3	74.8	77.3	78.8	79.3	78.8	77.3	74.8	73.3
27.5°	85.8	91.4	98.4	107.1	113.3	117.0	118.3	117.0	113.3	107.1	98.4
26.25°	131.3	146.6	162.9	175.6	184.8	190.3	192.1	190.3	184.8	175.6	162.9
25°	206.7	230.5	250.4	266.0	277.3	284.0	286.3	284.0	277.3	266.0	250.4
23.75°	299.7	327.1	349.9	367.7	380.6	388.4	391.0	388.4	380.6	367.7	349.9
22.5°	398.9	427.9	452.0	471.0	484.6	492.8	495.6	492.8	484.6	471.0	452.0
21.25°	496.8	515.6	531.2	543.6	552.4	557.8	559.6	557.8	552.4	543.6	531.2
20°	556.7	576.7	593.4	606.5	616.0	621.7	623.6	621.7	616.0	606.5	593.4
18.75°	616.2	634.8	649.1	660.3	669.3	675.3	677.3	675.3	669.3	660.3	649.1
17.5°	665.1	687.3	705.8	721.3	733.6	741.0	743.5	741.0	733.6	721.3	705.8
16.25°	723.0	750.3	773.6	797.9	815.6	826.4	830.0	826.4	815.6	797.9	773.6
15°	792.8	832.1	872.9	912.0	940.5	957.8	963.6	957.8	940.5	912.0	872.9
13.75°	891.8	954.6	1018.4	1071.2	1111.0	1141.6	1151.9	1141.6	1111.0	1071.2	1018.4
12.5°	1028.0	1114.4	1207.7	1282.9	1351.2	1394.3	1408.8	1394.3	1351.2	1282.9	1207.7
11.25°	1199.3	1326.1	1456.6	1575.0	1681.4	1746.6	1768.7	1746.6	1681.4	1575.0	1456.6
10°	1414.2	1599.3	1794.8	1993.0	2155.4	2255.6	2289.5	2255.6	2155.4	1993.0	1794.8
8.75°	1686.4	1964.2	2259.5	2558.3	2788.7	2945.0	3000.8	2945.0	2788.7	2558.3	2259.5
7.5°	2029.1	2427.0	2839.3	3234.6	3540.8	3744.4	3814.1	3744.4	3540.8	3234.6	2839.3
6.25°	2427.0	2950.1	3477.0	3959.8	4333.9	4572.8	4655.4	4572.8	4333.9	3959.8	3477.0
5°	2839.3	3477.0	4107.6	4657.3	5086.2	5364.7	5462.9	5364.7	5086.2	4657.3	4107.6
3.75°	3234.6	3959.8	4657.3	5270.0	5738.8	6043.3	6137.1	6043.3	5738.8	5270.0	4657.3
2.5°	3540.8	4333.9	5086.2	5738.8	6236.5	6554.5	6655.9	6554.5	6236.5	5738.8	5086.2
1.25°	3744.4	4572.8	5364.7	6043.3	6554.5	6878.2	6990.5	6878.2	6554.5	6043.3	5364.7
0°	3814.1	4655.4	5462.9	6137.1	6655.9	6990.5	7138.0	6990.5	6655.9	6137.1	5462.9
-1.25°	3744.4	4572.8	5364.7	6043.3	6554.5	6878.2	6990.5	6878.2	6554.5	6043.3	5364.7
-2.5°	3540.8	4333.9	5086.2	5738.8	6236.5	6554.5	6655.9	6554.5	6236.5	5738.8	5086.2
-3.75°	3234.6	3959.8	4657.3	5270.0	5738.8	6043.3	6137.1	6043.3	5738.8	5270.0	4657.3
-5°	2839.3	3477.0	4107.6	4657.3	5086.2	5364.7	5462.9	5364.7	5086.2	4657.3	4107.6
-6.25°	2427.0	2950.1	3477.0	3959.8	4333.9	4572.8	4655.4	4572.8	4333.9	3959.8	3477.0
-7.5°	2029.1	2427.0	2839.3	3234.6	3540.8	3744.4	3814.1	3744.4	3540.8	3234.6	2839.3
-8.75°	1686.4	1964.2	2259.5	2558.3	2788.7	2945.0	3000.8	2945.0	2788.7	2558.3	2259.5
-10°	1414.2	1599.3	1794.8	1993.0	2155.4	2255.6	2289.5	2255.6	2155.4	1993.0	1794.8
-11.25°	1199.3	1326.1	1456.6	1575.0	1681.4	1746.6	1768.7	1746.6	1681.4	1575.0	1456.6
-12.5°	1028.0	1114.4	1207.7	1282.9	1351.2	1394.3	1408.8	1394.3	1351.2	1282.9	1207.7
-13.75°	891.8	954.6	1018.4	1071.2	1111.0	1141.6	1151.9	1141.6	1111.0	1071.2	1018.4
-15°	792.8	832.1	872.9	912.0	940.5	957.8	963.6	957.8	940.5	912.0	872.9
-16.25°	723.0	750.3	773.6	797.9	815.6	826.4	830.0	826.4	815.6	797.9	773.6
-17.5°	665.1	687.3	705.8	721.3	733.6	741.0	743.5	741.0	733.6	721.3	705.8
-18.75°	616.2	634.8	649.1	660.3	669.3	675.3	677.3	675.3	669.3	660.3	649.1
-20°	556.7	576.7	593.4	606.5	616.0	621.7	623.6	621.7	616.0	606.5	593.4
-21.25°	496.8	515.6	531.2	543.6	552.4	557.8	559.6	557.8	552.4	543.6	531.2



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	398.9	427.9	452.0	471.0	484.6	492.8	495.6	492.8	484.6	471.0	452.0
-23.75°	299.7	327.1	349.9	367.7	380.6	388.4	391.0	388.4	380.6	367.7	349.9
-25°	206.7	230.5	250.4	266.0	277.3	284.0	286.3	284.0	277.3	266.0	250.4
-26.25°	131.3	146.6	162.9	175.6	184.8	190.3	192.1	190.3	184.8	175.6	162.9
-27.5°	85.8	91.4	98.4	107.1	113.3	117.0	118.3	117.0	113.3	107.1	98.4
-28.75°	69.8	71.7	73.3	74.8	77.3	78.8	79.3	78.8	77.3	74.8	73.3
-30°	63.6	64.7	65.6	66.3	66.8	67.1	67.2	67.1	66.8	66.3	65.6
-31.25°	58.3	59.4	60.3	60.9	61.4	61.7	61.8	61.7	61.4	60.9	60.3
-32.5°	53.6	54.4	55.1	55.7	56.1	56.3	56.4	56.3	56.1	55.7	55.1
-33.75°	49.1	49.9	50.6	51.1	51.5	51.7	51.8	51.7	51.5	51.1	50.6
-35°	46.3	46.6	46.8	47.0	47.1	47.2	47.2	47.2	47.1	47.0	46.8
-36.25°	44.7	44.9	45.2	45.3	45.5	45.5	45.6	45.5	45.5	45.3	45.2
-37.5°	43.5	43.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.8	43.7
-38.75°	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.0	42.9
-40°	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.1
-41.25°	41.1	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.4	41.3
-42.5°	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.6	40.5
-43.75°	39.5	39.6	39.7	39.8	39.8	39.8	39.9	39.8	39.8	39.8	39.7
-45°	38.7	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	38.9	38.9
-46.25°	37.9	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.1	38.1
-47.5°	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.3
-48.75°	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.8	36.8	36.8	36.8
-50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-52.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-53.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-55°	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2
-56.25°	35.6	35.7	35.7	35.7	35.7	35.7	35.8	35.7	35.7	35.7	35.7
-57.5°	34.8	34.9	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.0
-58.75°	33.2	33.3	33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.5	33.4
-60°	31.7	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	31.9	31.9
-61.25°	30.4	30.4	30.5	30.6	30.6	30.6	30.7	30.6	30.6	30.6	30.5
-62.5°	28.9	29.0	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.2	29.1
-63.75°	26.7	26.8	26.9	27.0	27.1	27.1	27.1	27.1	27.1	27.0	26.9
-65°	24.5	24.6	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.7
-66.25°	22.4	22.5	22.6	22.7	22.7	22.7	22.8	22.7	22.7	22.7	22.6
-67.5°	20.3	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.5	20.5
-68.75°	18.4	18.5	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.6	18.6
-70°	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
-71.25°	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.1	15.1
-72.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
-73.75°	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
-75°	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-76.25°	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8
-77.5°	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
-80°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-81.25°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-82.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-83.75°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
-85°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-86.25°	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
86.25°	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7
85°	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0
83.75°	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1
82.5°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.1
81.25°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
80°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.3	8.2
78.75°	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1
77.5°	10.3	10.2	10.2	10.2	10.1	10.1	10.1	10.0	10.0	9.9	9.9
76.25°	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.6	10.5
75°	11.4	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0
73.75°	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.7
72.5°	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.1	13.0	12.9	12.8
71.25°	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.2	14.1	13.9
70°	16.6	16.6	16.5	16.4	16.3	16.2	16.0	15.9	15.7	15.6	15.4
68.75°	18.5	18.4	18.3	18.2	18.1	17.9	17.7	17.5	17.4	17.1	16.9
67.5°	20.4	20.3	20.2	20.1	19.9	19.7	19.6	19.4	19.2	18.9	18.7
66.25°	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.3	21.0	20.8	20.5
65°	24.6	24.5	24.4	24.2	24.0	23.8	23.6	23.3	23.1	22.8	22.5
63.75°	26.8	26.7	26.5	26.3	26.1	25.9	25.7	25.4	25.1	24.8	24.5
62.5°	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.2	26.9	26.5
61.25°	30.4	30.4	30.3	30.1	30.0	29.8	29.7	29.5	29.3	29.0	28.6
60°	31.8	31.7	31.6	31.5	31.3	31.2	31.0	30.8	30.6	30.4	30.1
58.75°	33.3	33.2	33.1	32.9	32.7	32.5	32.3	32.1	31.9	31.6	31.4
57.5°	34.9	34.8	34.7	34.5	34.3	34.1	33.9	33.6	33.3	33.1	32.7
56.25°	35.7	35.6	35.6	35.5	35.4	35.4	35.3	35.1	34.9	34.6	34.2
55°	36.2	36.1	36.1	36.0	36.0	35.9	35.8	35.7	35.6	35.5	35.4
53.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.1	36.0	35.9
52.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
48.75°	36.7	36.7	36.6	36.5	36.4	36.3	36.3	36.3	36.3	36.3	36.3
47.5°	37.3	37.2	37.1	37.1	37.0	36.9	36.7	36.6	36.5	36.4	36.3
46.25°	38.0	37.9	37.8	37.7	37.5	37.4	37.3	37.1	37.0	36.9	36.7
45°	38.8	38.7	38.6	38.4	38.3	38.1	38.0	37.8	37.6	37.4	37.2
43.75°	39.6	39.5	39.4	39.2	39.1	38.9	38.7	38.5	38.3	38.1	37.8
42.5°	40.4	40.3	40.2	40.1	39.9	39.7	39.5	39.3	39.0	38.8	38.5
41.25°	41.3	41.1	41.0	40.9	40.7	40.5	40.3	40.1	39.8	39.6	39.3
40°	42.0	41.9	41.8	41.6	41.5	41.3	41.1	40.8	40.6	40.3	40.0
38.75°	42.8	42.7	42.6	42.4	42.2	42.0	41.8	41.6	41.3	41.1	40.8
37.5°	43.6	43.5	43.3	43.2	43.0	42.8	42.6	42.3	42.1	41.8	41.5
36.25°	44.9	44.7	44.4	44.0	43.8	43.5	43.3	43.0	42.8	42.5	42.2
35°	46.6	46.3	46.0	45.6	45.2	44.7	44.2	43.8	43.5	43.2	42.9

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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°	49.9	49.1	48.2	47.2	46.7	46.2	45.7	45.1	44.5	43.9	43.5
32.5°	54.4	53.6	52.6	51.5	50.2	48.8	47.2	46.6	46.0	45.3	44.6
31.25°	59.4	58.3	57.1	55.8	54.5	53.0	51.4	49.7	47.8	46.7	45.9
30°	64.7	63.6	62.3	60.8	59.2	57.4	55.5	53.7	51.8	49.7	47.5
28.75°	71.7	69.8	67.6	65.9	64.2	62.3	60.2	58.0	55.7	53.6	51.3
27.5°	91.4	85.8	79.2	73.4	70.4	67.2	65.0	62.7	60.2	57.6	55.1
26.25°	146.6	131.3	114.8	96.1	86.3	76.7	71.4	67.4	64.8	62.0	59.1
25°	230.5	206.7	182.5	155.0	129.4	105.4	88.0	76.2	70.5	66.4	63.4
23.75°	327.1	299.7	269.0	235.4	199.5	164.2	130.6	101.3	84.2	72.9	67.8
22.5°	427.9	398.9	365.1	326.8	284.4	241.3	196.7	153.9	118.0	89.9	74.8
21.25°	515.6	496.8	461.8	421.4	376.6	327.6	275.7	223.6	174.1	129.3	93.4
20°	576.7	556.7	533.6	507.4	467.7	416.2	360.8	301.9	243.1	186.3	135.0
18.75°	634.8	616.2	591.6	563.9	533.4	500.2	445.0	383.3	318.2	252.9	190.4
17.5°	687.3	665.1	644.0	619.6	587.3	552.4	515.0	462.5	394.6	323.7	252.9
16.25°	750.3	723.0	694.7	664.4	636.9	603.2	563.9	522.4	468.4	394.6	318.2
15°	832.1	792.8	754.1	716.8	681.2	646.9	611.2	567.8	522.4	462.5	383.3
13.75°	954.6	891.8	829.7	776.4	732.1	689.7	650.3	611.2	563.9	515.0	445.0
12.5°	1114.4	1028.0	938.6	854.0	790.9	737.3	689.7	646.9	603.2	552.4	500.2
11.25°	1326.1	1199.3	1074.8	962.6	865.4	790.9	732.1	681.2	636.9	587.3	533.4
10°	1599.3	1414.2	1242.8	1090.6	962.6	854.0	776.4	716.8	664.4	619.6	563.9
8.75°	1964.2	1686.4	1444.2	1242.8	1074.8	938.6	829.7	754.1	694.7	644.0	591.6
7.5°	2427.0	2029.1	1686.4	1414.2	1199.3	1028.0	891.8	792.8	723.0	665.1	616.2
6.25°	2950.1	2427.0	1964.2	1599.3	1326.1	1114.4	954.6	832.1	750.3	687.3	634.8
5°	3477.0	2839.3	2259.5	1794.8	1456.6	1207.7	1018.4	872.9	773.6	705.8	649.1
3.75°	3959.8	3234.6	2558.3	1993.0	1575.0	1282.9	1071.2	912.0	797.9	721.3	660.3
2.5°	4333.9	3540.8	2788.7	2155.4	1681.4	1351.2	1111.0	940.5	815.6	733.6	669.3
1.25°	4572.8	3744.4	2945.0	2255.6	1746.6	1394.3	1141.6	957.8	826.4	741.0	675.3
0°	4655.4	3814.1	3000.8	2289.5	1768.7	1408.8	1151.9	963.6	830.0	743.5	677.3
-1.25°	4572.8	3744.4	2945.0	2255.6	1746.6	1394.3	1141.6	957.8	826.4	741.0	675.3
-2.5°	4333.9	3540.8	2788.7	2155.4	1681.4	1351.2	1111.0	940.5	815.6	733.6	669.3
-3.75°	3959.8	3234.6	2558.3	1993.0	1575.0	1282.9	1071.2	912.0	797.9	721.3	660.3
-5°	3477.0	2839.3	2259.5	1794.8	1456.6	1207.7	1018.4	872.9	773.6	705.8	649.1
-6.25°	2950.1	2427.0	1964.2	1599.3	1326.1	1114.4	954.6	832.1	750.3	687.3	634.8
-7.5°	2427.0	2029.1	1686.4	1414.2	1199.3	1028.0	891.8	792.8	723.0	665.1	616.2
-8.75°	1964.2	1686.4	1444.2	1242.8	1074.8	938.6	829.7	754.1	694.7	644.0	591.6
-10°	1599.3	1414.2	1242.8	1090.6	962.6	854.0	776.4	716.8	664.4	619.6	563.9
-11.25°	1326.1	1199.3	1074.8	962.6	865.4	790.9	732.1	681.2	636.9	587.3	533.4
-12.5°	1114.4	1028.0	938.6	854.0	790.9	737.3	689.7	646.9	603.2	552.4	500.2
-13.75°	954.6	891.8	829.7	776.4	732.1	689.7	650.3	611.2	563.9	515.0	445.0
-15°	832.1	792.8	754.1	716.8	681.2	646.9	611.2	567.8	522.4	462.5	383.3
-16.25°	750.3	723.0	694.7	664.4	636.9	603.2	563.9	522.4	468.4	394.6	318.2
-17.5°	687.3	665.1	644.0	619.6	587.3	552.4	515.0	462.5	394.6	323.7	252.9
-18.75°	634.8	616.2	591.6	563.9	533.4	500.2	445.0	383.3	318.2	252.9	190.4
-20°	576.7	556.7	533.6	507.4	467.7	416.2	360.8	301.9	243.1	186.3	135.0
-21.25°	515.6	496.8	461.8	421.4	376.6	327.6	275.7	223.6	174.1	129.3	93.4



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	427.9	398.9	365.1	326.8	284.4	241.3	196.7	153.9	118.0	89.9	74.8
-23.75°	327.1	299.7	269.0	235.4	199.5	164.2	130.6	101.3	84.2	72.9	67.8
-25°	230.5	206.7	182.5	155.0	129.4	105.4	88.0	76.2	70.5	66.4	63.4
-26.25°	146.6	131.3	114.8	96.1	86.3	76.7	71.4	67.4	64.8	62.0	59.1
-27.5°	91.4	85.8	79.2	73.4	70.4	67.2	65.0	62.7	60.2	57.6	55.1
-28.75°	71.7	69.8	67.6	65.9	64.2	62.3	60.2	58.0	55.7	53.6	51.3
-30°	64.7	63.6	62.3	60.8	59.2	57.4	55.5	53.7	51.8	49.7	47.5
-31.25°	59.4	58.3	57.1	55.8	54.5	53.0	51.4	49.7	47.8	46.7	45.9
-32.5°	54.4	53.6	52.6	51.5	50.2	48.8	47.2	46.6	46.0	45.3	44.6
-33.75°	49.9	49.1	48.2	47.2	46.7	46.2	45.7	45.1	44.5	43.9	43.5
-35°	46.6	46.3	46.0	45.6	45.2	44.7	44.2	43.8	43.5	43.2	42.9
-36.25°	44.9	44.7	44.4	44.0	43.8	43.5	43.3	43.0	42.8	42.5	42.2
-37.5°	43.6	43.5	43.3	43.2	43.0	42.8	42.6	42.3	42.1	41.8	41.5
-38.75°	42.8	42.7	42.6	42.4	42.2	42.0	41.8	41.6	41.3	41.1	40.8
-40°	42.0	41.9	41.8	41.6	41.5	41.3	41.1	40.8	40.6	40.3	40.0
-41.25°	41.3	41.1	41.0	40.9	40.7	40.5	40.3	40.1	39.8	39.6	39.3
-42.5°	40.4	40.3	40.2	40.1	39.9	39.7	39.5	39.3	39.0	38.8	38.5
-43.75°	39.6	39.5	39.4	39.2	39.1	38.9	38.7	38.5	38.3	38.1	37.8
-45°	38.8	38.7	38.6	38.4	38.3	38.1	38.0	37.8	37.6	37.4	37.2
-46.25°	38.0	37.9	37.8	37.7	37.5	37.4	37.3	37.1	37.0	36.9	36.7
-47.5°	37.3	37.2	37.1	37.1	37.0	36.9	36.7	36.6	36.5	36.4	36.3
-48.75°	36.7	36.7	36.6	36.5	36.4	36.3	36.3	36.3	36.3	36.3	36.3
-50°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-51.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-52.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-53.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.1	36.0	35.9
-55°	36.2	36.1	36.1	36.0	36.0	35.9	35.8	35.7	35.6	35.5	35.4
-56.25°	35.7	35.6	35.6	35.5	35.4	35.4	35.3	35.1	34.9	34.6	34.2
-57.5°	34.9	34.8	34.7	34.5	34.3	34.1	33.9	33.6	33.3	33.1	32.7
-58.75°	33.3	33.2	33.1	32.9	32.7	32.5	32.3	32.1	31.9	31.6	31.4
-60°	31.8	31.7	31.6	31.5	31.3	31.2	31.0	30.8	30.6	30.4	30.1
-61.25°	30.4	30.4	30.3	30.1	30.0	29.8	29.7	29.5	29.3	29.0	28.6
-62.5°	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.2	26.9	26.5
-63.75°	26.8	26.7	26.5	26.3	26.1	25.9	25.7	25.4	25.1	24.8	24.5
-65°	24.6	24.5	24.4	24.2	24.0	23.8	23.6	23.3	23.1	22.8	22.5
-66.25°	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.3	21.0	20.8	20.5
-67.5°	20.4	20.3	20.2	20.1	19.9	19.7	19.6	19.4	19.2	18.9	18.7
-68.75°	18.5	18.4	18.3	18.2	18.1	17.9	17.7	17.5	17.4	17.1	16.9
-70°	16.6	16.6	16.5	16.4	16.3	16.2	16.0	15.9	15.7	15.6	15.4
-71.25°	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.2	14.1	13.9
-72.5°	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.1	13.0	12.9	12.8
-73.75°	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.7
-75°	11.4	11.3	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.0
-76.25°	10.8	10.8	10.8	10.8	10.7	10.7	10.7	10.6	10.6	10.6	10.5
-77.5°	10.3	10.2	10.2	10.2	10.1	10.1	10.1	10.0	10.0	9.9	9.9



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	9.5	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1
-80°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.3	8.2
-81.25°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
-82.5°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.1
-83.75°	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1
-85°	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0
-86.25°	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
86.25°	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3
85°	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
83.75°	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5
82.5°	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.5	5.5
81.25°	7.1	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.5	6.4
80°	8.2	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5	7.4	7.3
78.75°	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.3	8.2
77.5°	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1	9.0
76.25°	10.5	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.8	9.7
75°	11.0	10.9	10.9	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3
73.75°	11.6	11.5	11.4	11.3	11.3	11.2	11.1	11.0	11.0	10.9	10.8
72.5°	12.6	12.5	12.4	12.3	12.1	12.0	11.8	11.7	11.5	11.4	11.3
71.25°	13.7	13.5	13.4	13.3	13.1	12.9	12.8	12.6	12.4	12.2	12.0
70°	15.2	15.0	14.8	14.6	14.3	14.1	13.8	13.6	13.4	13.2	13.0
68.75°	16.7	16.5	16.2	16.0	15.7	15.5	15.2	14.9	14.6	14.3	14.0
67.5°	18.4	18.2	17.9	17.6	17.2	16.9	16.6	16.3	16.0	15.6	15.3
66.25°	20.2	19.9	19.6	19.3	18.9	18.6	18.2	17.8	17.4	17.0	16.6
65°	22.1	21.8	21.4	21.0	20.6	20.3	19.9	19.5	19.0	18.6	18.1
63.75°	24.1	23.8	23.4	23.0	22.5	22.1	21.6	21.1	20.6	20.2	19.7
62.5°	26.2	25.8	25.3	24.9	24.5	24.0	23.5	23.0	22.4	21.9	21.3
61.25°	28.2	27.8	27.3	26.9	26.4	25.9	25.3	24.8	24.2	23.7	23.1
60°	29.9	29.6	29.3	28.8	28.3	27.8	27.2	26.7	26.1	25.4	24.8
58.75°	31.1	30.8	30.5	30.2	29.9	29.5	29.1	28.5	27.9	27.2	26.6
57.5°	32.4	32.1	31.7	31.4	31.1	30.7	30.3	30.0	29.5	29.0	28.3
56.25°	33.9	33.5	33.1	32.7	32.3	31.9	31.5	31.1	30.7	30.2	29.8
55°	35.3	35.0	34.6	34.1	33.7	33.2	32.7	32.2	31.8	31.3	30.8
53.75°	35.8	35.6	35.5	35.3	35.1	34.6	34.1	33.6	33.0	32.5	31.9
52.5°	36.3	36.1	36.0	35.8	35.6	35.5	35.3	34.9	34.3	33.7	33.1
51.25°	36.3	36.3	36.3	36.3	36.1	35.9	35.7	35.5	35.3	35.0	34.4
50°	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.0	35.8	35.6	35.3
48.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.0	35.8
47.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2
46.25°	36.5	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
45°	37.0	36.8	36.6	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3
43.75°	37.6	37.3	37.1	36.9	36.7	36.5	36.3	36.3	36.3	36.3	36.3
42.5°	38.3	38.0	37.7	37.4	37.1	36.9	36.7	36.4	36.3	36.3	36.3
41.25°	39.0	38.7	38.4	38.0	37.7	37.4	37.1	36.8	36.6	36.3	36.3
40°	39.7	39.4	39.0	38.7	38.3	38.0	37.6	37.3	37.0	36.7	36.4
38.75°	40.4	40.1	39.7	39.4	39.0	38.6	38.2	37.8	37.4	37.1	36.8
37.5°	41.1	40.8	40.5	40.1	39.7	39.2	38.8	38.4	38.0	37.5	37.2
36.25°	41.8	41.5	41.1	40.7	40.3	39.9	39.5	39.0	38.6	38.1	37.6
35°	42.5	42.2	41.8	41.4	41.0	40.6	40.1	39.6	39.1	38.6	38.2



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	43.2	42.8	42.4	42.0	41.6	41.2	40.7	40.2	39.7	39.2	38.7
32.5°	43.9	43.5	43.1	42.6	42.2	41.8	41.3	40.8	40.3	39.8	39.2
31.25°	45.2	44.3	43.7	43.3	42.8	42.3	41.9	41.4	40.9	40.3	39.8
30°	46.5	45.6	44.7	43.9	43.4	42.9	42.4	41.9	41.4	40.9	40.3
28.75°	48.9	46.9	46.0	45.0	44.1	43.5	43.0	42.4	41.9	41.4	40.8
27.5°	52.6	50.0	47.3	46.3	45.2	44.2	43.5	43.0	42.4	41.9	41.3
26.25°	56.2	53.5	50.7	47.9	46.4	45.3	44.2	43.5	42.9	42.3	41.8
25°	60.3	57.0	54.0	51.1	48.0	46.4	45.2	44.1	43.4	42.8	42.2
23.75°	64.3	60.9	57.4	54.2	51.1	47.9	46.3	45.0	43.9	43.3	42.6
22.5°	68.9	64.8	61.2	57.4	54.0	50.7	47.3	46.0	44.7	43.7	43.1
21.25°	77.1	69.3	64.8	60.9	57.0	53.5	50.0	46.9	45.6	44.3	43.5
20°	94.8	77.1	68.9	64.3	60.3	56.2	52.6	48.9	46.5	45.2	43.9
18.75°	135.0	93.4	74.8	67.8	63.4	59.1	55.1	51.3	47.5	45.9	44.6
17.5°	186.3	129.3	89.9	72.9	66.4	62.0	57.6	53.6	49.7	46.7	45.3
16.25°	243.1	174.1	118.0	84.2	70.5	64.8	60.2	55.7	51.8	47.8	46.0
15°	301.9	223.6	153.9	101.3	76.2	67.4	62.7	58.0	53.7	49.7	46.6
13.75°	360.8	275.7	196.7	130.6	88.0	71.4	65.0	60.2	55.5	51.4	47.2
12.5°	416.2	327.6	241.3	164.2	105.4	76.7	67.2	62.3	57.4	53.0	48.8
11.25°	467.7	376.6	284.4	199.5	129.4	86.3	70.4	64.2	59.2	54.5	50.2
10°	507.4	421.4	326.8	235.4	155.0	96.1	73.4	65.9	60.8	55.8	51.5
8.75°	533.6	461.8	365.1	269.0	182.5	114.8	79.2	67.6	62.3	57.1	52.6
7.5°	556.7	496.8	398.9	299.7	206.7	131.3	85.8	69.8	63.6	58.3	53.6
6.25°	576.7	515.6	427.9	327.1	230.5	146.6	91.4	71.7	64.7	59.4	54.4
5°	593.4	531.2	452.0	349.9	250.4	162.9	98.4	73.3	65.6	60.3	55.1
3.75°	606.5	543.6	471.0	367.7	266.0	175.6	107.1	74.8	66.3	60.9	55.7
2.5°	616.0	552.4	484.6	380.6	277.3	184.8	113.3	77.3	66.8	61.4	56.1
1.25°	621.7	557.8	492.8	388.4	284.0	190.3	117.0	78.8	67.1	61.7	56.3
0°	623.6	559.6	495.6	391.0	286.3	192.1	118.3	79.3	67.2	61.8	56.4
-1.25°	621.7	557.8	492.8	388.4	284.0	190.3	117.0	78.8	67.1	61.7	56.3
-2.5°	616.0	552.4	484.6	380.6	277.3	184.8	113.3	77.3	66.8	61.4	56.1
-3.75°	606.5	543.6	471.0	367.7	266.0	175.6	107.1	74.8	66.3	60.9	55.7
-5°	593.4	531.2	452.0	349.9	250.4	162.9	98.4	73.3	65.6	60.3	55.1
-6.25°	576.7	515.6	427.9	327.1	230.5	146.6	91.4	71.7	64.7	59.4	54.4
-7.5°	556.7	496.8	398.9	299.7	206.7	131.3	85.8	69.8	63.6	58.3	53.6
-8.75°	533.6	461.8	365.1	269.0	182.5	114.8	79.2	67.6	62.3	57.1	52.6
-10°	507.4	421.4	326.8	235.4	155.0	96.1	73.4	65.9	60.8	55.8	51.5
-11.25°	467.7	376.6	284.4	199.5	129.4	86.3	70.4	64.2	59.2	54.5	50.2
-12.5°	416.2	327.6	241.3	164.2	105.4	76.7	67.2	62.3	57.4	53.0	48.8
-13.75°	360.8	275.7	196.7	130.6	88.0	71.4	65.0	60.2	55.5	51.4	47.2
-15°	301.9	223.6	153.9	101.3	76.2	67.4	62.7	58.0	53.7	49.7	46.6
-16.25°	243.1	174.1	118.0	84.2	70.5	64.8	60.2	55.7	51.8	47.8	46.0
-17.5°	186.3	129.3	89.9	72.9	66.4	62.0	57.6	53.6	49.7	46.7	45.3
-18.75°	135.0	93.4	74.8	67.8	63.4	59.1	55.1	51.3	47.5	45.9	44.6
-20°	94.8	77.1	68.9	64.3	60.3	56.2	52.6	48.9	46.5	45.2	43.9
-21.25°	77.1	69.3	64.8	60.9	57.0	53.5	50.0	46.9	45.6	44.3	43.5



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	68.9	64.8	61.2	57.4	54.0	50.7	47.3	46.0	44.7	43.7	43.1
-23.75°	64.3	60.9	57.4	54.2	51.1	47.9	46.3	45.0	43.9	43.3	42.6
-25°	60.3	57.0	54.0	51.1	48.0	46.4	45.2	44.1	43.4	42.8	42.2
-26.25°	56.2	53.5	50.7	47.9	46.4	45.3	44.2	43.5	42.9	42.3	41.8
-27.5°	52.6	50.0	47.3	46.3	45.2	44.2	43.5	43.0	42.4	41.9	41.3
-28.75°	48.9	46.9	46.0	45.0	44.1	43.5	43.0	42.4	41.9	41.4	40.8
-30°	46.5	45.6	44.7	43.9	43.4	42.9	42.4	41.9	41.4	40.9	40.3
-31.25°	45.2	44.3	43.7	43.3	42.8	42.3	41.9	41.4	40.9	40.3	39.8
-32.5°	43.9	43.5	43.1	42.6	42.2	41.8	41.3	40.8	40.3	39.8	39.2
-33.75°	43.2	42.8	42.4	42.0	41.6	41.2	40.7	40.2	39.7	39.2	38.7
-35°	42.5	42.2	41.8	41.4	41.0	40.6	40.1	39.6	39.1	38.6	38.2
-36.25°	41.8	41.5	41.1	40.7	40.3	39.9	39.5	39.0	38.6	38.1	37.6
-37.5°	41.1	40.8	40.5	40.1	39.7	39.2	38.8	38.4	38.0	37.5	37.2
-38.75°	40.4	40.1	39.7	39.4	39.0	38.6	38.2	37.8	37.4	37.1	36.8
-40°	39.7	39.4	39.0	38.7	38.3	38.0	37.6	37.3	37.0	36.7	36.4
-41.25°	39.0	38.7	38.4	38.0	37.7	37.4	37.1	36.8	36.6	36.3	36.3
-42.5°	38.3	38.0	37.7	37.4	37.1	36.9	36.7	36.4	36.3	36.3	36.3
-43.75°	37.6	37.3	37.1	36.9	36.7	36.5	36.3	36.3	36.3	36.3	36.3
-45°	37.0	36.8	36.6	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-46.25°	36.5	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
-47.5°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2
-48.75°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.0	35.8
-50°	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.0	35.8	35.6	35.3
-51.25°	36.3	36.3	36.3	36.3	36.1	35.9	35.7	35.5	35.3	35.0	34.4
-52.5°	36.3	36.1	36.0	35.8	35.6	35.5	35.3	34.9	34.3	33.7	33.1
-53.75°	35.8	35.6	35.5	35.3	35.1	34.6	34.1	33.6	33.0	32.5	31.9
-55°	35.3	35.0	34.6	34.1	33.7	33.2	32.7	32.2	31.8	31.3	30.8
-56.25°	33.9	33.5	33.1	32.7	32.3	31.9	31.5	31.1	30.7	30.2	29.8
-57.5°	32.4	32.1	31.7	31.4	31.1	30.7	30.3	30.0	29.5	29.0	28.3
-58.75°	31.1	30.8	30.5	30.2	29.9	29.5	29.1	28.5	27.9	27.2	26.6
-60°	29.9	29.6	29.3	28.8	28.3	27.8	27.2	26.7	26.1	25.4	24.8
-61.25°	28.2	27.8	27.3	26.9	26.4	25.9	25.3	24.8	24.2	23.7	23.1
-62.5°	26.2	25.8	25.3	24.9	24.5	24.0	23.5	23.0	22.4	21.9	21.3
-63.75°	24.1	23.8	23.4	23.0	22.5	22.1	21.6	21.1	20.6	20.2	19.7
-65°	22.1	21.8	21.4	21.0	20.6	20.3	19.9	19.5	19.0	18.6	18.1
-66.25°	20.2	19.9	19.6	19.3	18.9	18.6	18.2	17.8	17.4	17.0	16.6
-67.5°	18.4	18.2	17.9	17.6	17.2	16.9	16.6	16.3	16.0	15.6	15.3
-68.75°	16.7	16.5	16.2	16.0	15.7	15.5	15.2	14.9	14.6	14.3	14.0
-70°	15.2	15.0	14.8	14.6	14.3	14.1	13.8	13.6	13.4	13.2	13.0
-71.25°	13.7	13.5	13.4	13.3	13.1	12.9	12.8	12.6	12.4	12.2	12.0
-72.5°	12.6	12.5	12.4	12.3	12.1	12.0	11.8	11.7	11.5	11.4	11.3
-73.75°	11.6	11.5	11.4	11.3	11.3	11.2	11.1	11.0	11.0	10.9	10.8
-75°	11.0	10.9	10.9	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3
-76.25°	10.5	10.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.8	9.7
-77.5°	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1	9.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.3	8.2
-80°	8.2	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5	7.4	7.3
-81.25°	7.1	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.5	6.4
-82.5°	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.5	5.5
-83.75°	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5
-85°	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
-86.25°	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3
-87.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
-88.75°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
86.25°	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7
85°	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
83.75°	4.5	4.4	4.3	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
82.5°	5.4	5.3	5.2	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5
81.25°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2
80°	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4	6.2	6.1	6.0
78.75°	8.1	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.0	6.9	6.7
77.5°	8.9	8.8	8.7	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.5
76.25°	9.6	9.5	9.4	9.3	9.1	9.0	8.9	8.8	8.6	8.4	8.2
75°	10.3	10.1	10.0	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.9
73.75°	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.6	9.4
72.5°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.2	10.0
71.25°	11.8	11.6	11.4	11.3	11.2	11.1	11.0	10.8	10.7	10.6	10.5
70°	12.7	12.5	12.3	12.1	11.8	11.6	11.4	11.2	11.1	11.0	10.8
68.75°	13.7	13.4	13.2	12.9	12.6	12.4	12.1	11.8	11.6	11.3	11.2
67.5°	14.9	14.6	14.2	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7
66.25°	16.2	15.9	15.5	15.1	14.6	14.2	13.8	13.4	13.1	12.8	12.4
65°	17.7	17.2	16.7	16.3	15.8	15.4	14.9	14.4	14.0	13.5	13.2
63.75°	19.2	18.7	18.2	17.6	17.1	16.5	16.1	15.6	15.0	14.5	14.0
62.5°	20.7	20.2	19.6	19.1	18.5	17.9	17.3	16.7	16.1	15.6	15.0
61.25°	22.4	21.8	21.2	20.5	19.9	19.3	18.6	18.0	17.3	16.7	16.1
60°	24.2	23.5	22.8	22.1	21.4	20.6	20.0	19.3	18.6	17.9	17.1
58.75°	25.9	25.2	24.4	23.7	22.9	22.2	21.4	20.6	19.9	19.1	18.4
57.5°	27.6	26.9	26.1	25.3	24.5	23.7	22.9	22.0	21.2	20.3	19.6
56.25°	29.3	28.5	27.7	26.9	26.1	25.2	24.4	23.5	22.6	21.7	20.8
55°	30.4	29.9	29.4	28.5	27.7	26.8	25.9	24.9	24.0	23.1	22.1
53.75°	31.4	30.9	30.4	29.8	29.2	28.3	27.4	26.4	25.4	24.4	23.4
52.5°	32.5	31.9	31.4	30.8	30.2	29.6	28.8	27.8	26.8	25.8	24.7
51.25°	33.7	33.1	32.4	31.8	31.2	30.5	29.9	29.3	28.2	27.1	26.0
50°	35.0	34.3	33.6	32.8	32.1	31.5	30.8	30.2	29.5	28.5	27.3
48.75°	35.5	35.3	34.7	34.0	33.2	32.4	31.7	31.0	30.3	29.6	28.6
47.5°	35.9	35.7	35.4	35.1	34.3	33.5	32.7	31.9	31.1	30.4	29.7
46.25°	36.3	36.1	35.8	35.5	35.3	34.5	33.7	32.8	32.0	31.2	30.5
45°	36.3	36.3	36.2	35.9	35.6	35.3	34.7	33.8	32.9	32.0	31.2
43.75°	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.8	33.9	32.9	32.0
42.5°	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.8	33.8	32.8
41.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.7	33.7
40°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.3	34.5
38.75°	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.6	35.3
37.5°	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	35.9	35.5
36.25°	37.2	36.9	36.6	36.3	36.3	36.3	36.3	36.3	36.3	36.2	35.8
35°	37.7	37.2	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.1



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	38.2	37.7	37.2	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3
32.5°	38.7	38.2	37.6	37.2	36.8	36.4	36.3	36.3	36.3	36.3	36.3
31.25°	39.2	38.6	38.1	37.5	37.1	36.7	36.3	36.3	36.3	36.3	36.3
30°	39.7	39.1	38.6	38.0	37.4	37.0	36.6	36.3	36.3	36.3	36.3
28.75°	40.2	39.6	39.0	38.4	37.8	37.3	36.8	36.4	36.3	36.3	36.3
27.5°	40.7	40.1	39.5	38.8	38.2	37.6	37.1	36.7	36.3	36.3	36.3
26.25°	41.2	40.6	39.9	39.2	38.6	38.0	37.4	36.9	36.5	36.3	36.3
25°	41.6	41.0	40.3	39.7	39.0	38.3	37.7	37.1	36.7	36.3	36.3
23.75°	42.0	41.4	40.7	40.1	39.4	38.7	38.0	37.4	36.9	36.4	36.3
22.5°	42.4	41.8	41.1	40.5	39.7	39.0	38.4	37.7	37.1	36.6	36.3
21.25°	42.8	42.2	41.5	40.8	40.1	39.4	38.7	38.0	37.3	36.8	36.4
20°	43.2	42.5	41.8	41.1	40.4	39.7	39.0	38.3	37.6	37.0	36.5
18.75°	43.5	42.9	42.2	41.5	40.8	40.0	39.3	38.5	37.8	37.2	36.7
17.5°	43.9	43.2	42.5	41.8	41.1	40.3	39.6	38.8	38.1	37.4	36.9
16.25°	44.5	43.5	42.8	42.1	41.3	40.6	39.8	39.0	38.3	37.6	37.0
15°	45.1	43.8	43.0	42.3	41.6	40.8	40.1	39.3	38.5	37.8	37.1
13.75°	45.7	44.2	43.3	42.6	41.8	41.1	40.3	39.5	38.7	38.0	37.3
12.5°	46.2	44.7	43.5	42.8	42.0	41.3	40.5	39.7	38.9	38.1	37.4
11.25°	46.7	45.2	43.8	43.0	42.2	41.5	40.7	39.9	39.1	38.3	37.5
10°	47.2	45.6	44.0	43.2	42.4	41.6	40.9	40.1	39.2	38.4	37.7
8.75°	48.2	46.0	44.4	43.3	42.6	41.8	41.0	40.2	39.4	38.6	37.8
7.5°	49.1	46.3	44.7	43.5	42.7	41.9	41.1	40.3	39.5	38.7	37.9
6.25°	49.9	46.6	44.9	43.6	42.8	42.0	41.3	40.4	39.6	38.8	38.0
5°	50.6	46.8	45.2	43.7	42.9	42.1	41.3	40.5	39.7	38.9	38.1
3.75°	51.1	47.0	45.3	43.8	43.0	42.2	41.4	40.6	39.8	38.9	38.1
2.5°	51.5	47.1	45.5	43.9	43.1	42.3	41.5	40.7	39.8	39.0	38.2
1.25°	51.7	47.2	45.5	43.9	43.1	42.3	41.5	40.7	39.8	39.0	38.2
0°	51.8	47.2	45.6	43.9	43.1	42.3	41.5	40.7	39.9	39.0	38.2
-1.25°	51.7	47.2	45.5	43.9	43.1	42.3	41.5	40.7	39.8	39.0	38.2
-2.5°	51.5	47.1	45.5	43.9	43.1	42.3	41.5	40.7	39.8	39.0	38.2
-3.75°	51.1	47.0	45.3	43.8	43.0	42.2	41.4	40.6	39.8	38.9	38.1
-5°	50.6	46.8	45.2	43.7	42.9	42.1	41.3	40.5	39.7	38.9	38.1
-6.25°	49.9	46.6	44.9	43.6	42.8	42.0	41.3	40.4	39.6	38.8	38.0
-7.5°	49.1	46.3	44.7	43.5	42.7	41.9	41.1	40.3	39.5	38.7	37.9
-8.75°	48.2	46.0	44.4	43.3	42.6	41.8	41.0	40.2	39.4	38.6	37.8
-10°	47.2	45.6	44.0	43.2	42.4	41.6	40.9	40.1	39.2	38.4	37.7
-11.25°	46.7	45.2	43.8	43.0	42.2	41.5	40.7	39.9	39.1	38.3	37.5
-12.5°	46.2	44.7	43.5	42.8	42.0	41.3	40.5	39.7	38.9	38.1	37.4
-13.75°	45.7	44.2	43.3	42.6	41.8	41.1	40.3	39.5	38.7	38.0	37.3
-15°	45.1	43.8	43.0	42.3	41.6	40.8	40.1	39.3	38.5	37.8	37.1
-16.25°	44.5	43.5	42.8	42.1	41.3	40.6	39.8	39.0	38.3	37.6	37.0
-17.5°	43.9	43.2	42.5	41.8	41.1	40.3	39.6	38.8	38.1	37.4	36.9
-18.75°	43.5	42.9	42.2	41.5	40.8	40.0	39.3	38.5	37.8	37.2	36.7
-20°	43.2	42.5	41.8	41.1	40.4	39.7	39.0	38.3	37.6	37.0	36.5
-21.25°	42.8	42.2	41.5	40.8	40.1	39.4	38.7	38.0	37.3	36.8	36.4



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	42.4	41.8	41.1	40.5	39.7	39.0	38.4	37.7	37.1	36.6	36.3
-23.75°	42.0	41.4	40.7	40.1	39.4	38.7	38.0	37.4	36.9	36.4	36.3
-25°	41.6	41.0	40.3	39.7	39.0	38.3	37.7	37.1	36.7	36.3	36.3
-26.25°	41.2	40.6	39.9	39.2	38.6	38.0	37.4	36.9	36.5	36.3	36.3
-27.5°	40.7	40.1	39.5	38.8	38.2	37.6	37.1	36.7	36.3	36.3	36.3
-28.75°	40.2	39.6	39.0	38.4	37.8	37.3	36.8	36.4	36.3	36.3	36.3
-30°	39.7	39.1	38.6	38.0	37.4	37.0	36.6	36.3	36.3	36.3	36.3
-31.25°	39.2	38.6	38.1	37.5	37.1	36.7	36.3	36.3	36.3	36.3	36.3
-32.5°	38.7	38.2	37.6	37.2	36.8	36.4	36.3	36.3	36.3	36.3	36.3
-33.75°	38.2	37.7	37.2	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3
-35°	37.7	37.2	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.1
-36.25°	37.2	36.9	36.6	36.3	36.3	36.3	36.3	36.3	36.3	36.2	35.8
-37.5°	36.9	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	35.9	35.5
-38.75°	36.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.6	35.3
-40°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.3	34.5
-41.25°	36.3	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.7	33.7
-42.5°	36.3	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.8	33.8	32.8
-43.75°	36.3	36.3	36.3	36.3	36.0	35.7	35.4	34.8	33.9	32.9	32.0
-45°	36.3	36.3	36.2	35.9	35.6	35.3	34.7	33.8	32.9	32.0	31.2
-46.25°	36.3	36.1	35.8	35.5	35.3	34.5	33.7	32.8	32.0	31.2	30.5
-47.5°	35.9	35.7	35.4	35.1	34.3	33.5	32.7	31.9	31.1	30.4	29.7
-48.75°	35.5	35.3	34.7	34.0	33.2	32.4	31.7	31.0	30.3	29.6	28.6
-50°	35.0	34.3	33.6	32.8	32.1	31.5	30.8	30.2	29.5	28.5	27.3
-51.25°	33.7	33.1	32.4	31.8	31.2	30.5	29.9	29.3	28.2	27.1	26.0
-52.5°	32.5	31.9	31.4	30.8	30.2	29.6	28.8	27.8	26.8	25.8	24.7
-53.75°	31.4	30.9	30.4	29.8	29.2	28.3	27.4	26.4	25.4	24.4	23.4
-55°	30.4	29.9	29.4	28.5	27.7	26.8	25.9	24.9	24.0	23.1	22.1
-56.25°	29.3	28.5	27.7	26.9	26.1	25.2	24.4	23.5	22.6	21.7	20.8
-57.5°	27.6	26.9	26.1	25.3	24.5	23.7	22.9	22.0	21.2	20.3	19.6
-58.75°	25.9	25.2	24.4	23.7	22.9	22.2	21.4	20.6	19.9	19.1	18.4
-60°	24.2	23.5	22.8	22.1	21.4	20.6	20.0	19.3	18.6	17.9	17.1
-61.25°	22.4	21.8	21.2	20.5	19.9	19.3	18.6	18.0	17.3	16.7	16.1
-62.5°	20.7	20.2	19.6	19.1	18.5	17.9	17.3	16.7	16.1	15.6	15.0
-63.75°	19.2	18.7	18.2	17.6	17.1	16.5	16.1	15.6	15.0	14.5	14.0
-65°	17.7	17.2	16.7	16.3	15.8	15.4	14.9	14.4	14.0	13.5	13.2
-66.25°	16.2	15.9	15.5	15.1	14.6	14.2	13.8	13.4	13.1	12.8	12.4
-67.5°	14.9	14.6	14.2	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7
-68.75°	13.7	13.4	13.2	12.9	12.6	12.4	12.1	11.8	11.6	11.3	11.2
-70°	12.7	12.5	12.3	12.1	11.8	11.6	11.4	11.2	11.1	11.0	10.8
-71.25°	11.8	11.6	11.4	11.3	11.2	11.1	11.0	10.8	10.7	10.6	10.5
-72.5°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.2	10.0
-73.75°	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.6	9.4
-75°	10.3	10.1	10.0	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.9
-76.25°	9.6	9.5	9.4	9.3	9.1	9.0	8.9	8.8	8.6	8.4	8.2
-77.5°	8.9	8.8	8.7	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.5



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	8.1	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.0	6.9	6.7
-80°	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4	6.2	6.1	6.0
-81.25°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2
-82.5°	5.4	5.3	5.2	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5
-83.75°	4.5	4.4	4.3	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
-85°	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
-86.25°	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7
-87.5°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
87.5°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
86.25°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
85°	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6
83.75°	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3
82.5°	4.4	4.2	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1	2.9
81.25°	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.6
80°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.4	4.3
78.75°	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8
77.5°	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4
76.25°	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
75°	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4
73.75°	9.3	9.1	8.9	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0
72.5°	9.8	9.6	9.4	9.2	9.1	8.9	8.6	8.4	8.1	7.8	7.5
71.25°	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.3	8.0
70°	10.7	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.1	8.8	8.6
68.75°	11.0	10.9	10.7	10.6	10.4	10.2	10.0	9.7	9.5	9.2	9.0
67.5°	11.4	11.2	11.1	10.9	10.7	10.6	10.4	10.2	9.9	9.6	9.4
66.25°	12.1	11.8	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.0	9.7
65°	12.8	12.4	12.1	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.1
63.75°	13.5	13.1	12.7	12.3	11.9	11.5	11.3	11.1	10.8	10.6	10.4
62.5°	14.5	13.9	13.4	13.0	12.6	12.1	11.7	11.3	11.1	10.9	10.7
61.25°	15.5	14.9	14.3	13.6	13.2	12.7	12.3	11.8	11.4	11.2	10.9
60°	16.5	15.8	15.2	14.5	13.9	13.3	12.9	12.4	11.9	11.4	11.2
58.75°	17.6	16.8	16.1	15.5	14.8	14.1	13.4	12.9	12.4	11.9	11.4
57.5°	18.8	17.9	17.1	16.4	15.6	14.9	14.2	13.5	13.0	12.4	11.9
56.25°	19.9	19.1	18.2	17.3	16.5	15.7	15.0	14.2	13.5	12.9	12.4
55°	21.1	20.2	19.3	18.4	17.5	16.6	15.8	15.0	14.2	13.4	12.9
53.75°	22.4	21.4	20.4	19.4	18.5	17.5	16.6	15.7	14.9	14.1	13.3
52.5°	23.7	22.6	21.5	20.4	19.5	18.5	17.5	16.5	15.6	14.8	13.9
51.25°	24.9	23.8	22.7	21.6	20.4	19.4	18.4	17.3	16.4	15.5	14.5
50°	26.2	25.0	23.9	22.7	21.5	20.4	19.3	18.2	17.1	16.1	15.2
48.75°	27.5	26.3	25.0	23.8	22.6	21.4	20.2	19.1	17.9	16.8	15.8
47.5°	28.7	27.5	26.2	24.9	23.7	22.4	21.1	19.9	18.8	17.6	16.5
46.25°	29.7	28.6	27.3	26.0	24.7	23.4	22.1	20.8	19.6	18.4	17.1
45°	30.4	29.6	28.5	27.1	25.8	24.4	23.1	21.7	20.3	19.1	17.9
43.75°	31.1	30.3	29.5	28.2	26.8	25.4	24.0	22.6	21.2	19.9	18.6
42.5°	31.9	31.0	30.2	29.3	27.8	26.4	24.9	23.5	22.0	20.6	19.3
41.25°	32.7	31.7	30.8	29.9	28.8	27.4	25.9	24.4	22.9	21.4	20.0
40°	33.5	32.4	31.5	30.5	29.6	28.3	26.8	25.2	23.7	22.2	20.6
38.75°	34.3	33.2	32.1	31.2	30.2	29.2	27.7	26.1	24.5	22.9	21.4
37.5°	35.1	34.0	32.8	31.8	30.8	29.8	28.5	26.9	25.3	23.7	22.1
36.25°	35.4	34.7	33.6	32.4	31.4	30.4	29.4	27.7	26.1	24.4	22.8
35°	35.7	35.3	34.3	33.1	31.9	30.9	29.9	28.5	26.9	25.2	23.5



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	35.9	35.5	35.0	33.7	32.5	31.4	30.4	29.3	27.6	25.9	24.2
32.5°	36.2	35.8	35.3	34.4	33.1	31.9	30.8	29.8	28.3	26.6	24.8
31.25°	36.3	36.0	35.6	35.0	33.7	32.5	31.3	30.2	29.0	27.2	25.4
30°	36.3	36.2	35.8	35.3	34.3	33.0	31.8	30.7	29.5	27.9	26.1
28.75°	36.3	36.3	36.0	35.5	34.9	33.6	32.2	31.1	30.0	28.5	26.7
27.5°	36.3	36.3	36.2	35.7	35.3	34.1	32.7	31.5	30.3	29.1	27.2
26.25°	36.3	36.3	36.3	35.9	35.5	34.6	33.2	31.9	30.7	29.5	27.8
25°	36.3	36.3	36.3	36.1	35.6	35.1	33.7	32.3	31.1	29.9	28.3
23.75°	36.3	36.3	36.3	36.3	35.8	35.3	34.1	32.7	31.4	30.2	28.8
22.5°	36.3	36.3	36.3	36.3	36.0	35.5	34.6	33.1	31.7	30.5	29.3
21.25°	36.3	36.3	36.3	36.3	36.1	35.6	35.0	33.5	32.1	30.8	29.6
20°	36.3	36.3	36.3	36.3	36.3	35.8	35.3	33.9	32.4	31.1	29.9
18.75°	36.3	36.3	36.3	36.3	36.3	35.9	35.4	34.2	32.7	31.4	30.1
17.5°	36.4	36.3	36.3	36.3	36.3	36.0	35.5	34.6	33.1	31.6	30.4
16.25°	36.5	36.3	36.3	36.3	36.3	36.1	35.6	34.9	33.3	31.9	30.6
15°	36.6	36.3	36.3	36.3	36.3	36.2	35.7	35.1	33.6	32.1	30.8
13.75°	36.7	36.3	36.3	36.3	36.3	36.3	35.8	35.3	33.9	32.3	31.0
12.5°	36.9	36.3	36.3	36.3	36.3	36.3	35.9	35.4	34.1	32.5	31.2
11.25°	37.0	36.4	36.3	36.3	36.3	36.3	36.0	35.4	34.3	32.7	31.3
10°	37.1	36.5	36.3	36.3	36.3	36.3	36.0	35.5	34.5	32.9	31.5
8.75°	37.1	36.6	36.3	36.3	36.3	36.3	36.1	35.6	34.7	33.1	31.6
7.5°	37.2	36.7	36.3	36.3	36.3	36.3	36.1	35.6	34.8	33.2	31.7
6.25°	37.3	36.7	36.3	36.3	36.3	36.3	36.2	35.7	34.9	33.3	31.8
5°	37.3	36.8	36.3	36.3	36.3	36.3	36.2	35.7	35.0	33.4	31.9
3.75°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.1	33.5	31.9
2.5°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.2	33.6	32.0
1.25°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.2	33.6	32.0
0°	37.4	36.9	36.3	36.3	36.3	36.3	36.3	35.8	35.2	33.6	32.0
-1.25°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.2	33.6	32.0
-2.5°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.2	33.6	32.0
-3.75°	37.4	36.8	36.3	36.3	36.3	36.3	36.3	35.7	35.1	33.5	31.9
-5°	37.3	36.8	36.3	36.3	36.3	36.3	36.2	35.7	35.0	33.4	31.9
-6.25°	37.3	36.7	36.3	36.3	36.3	36.3	36.2	35.7	34.9	33.3	31.8
-7.5°	37.2	36.7	36.3	36.3	36.3	36.3	36.1	35.6	34.8	33.2	31.7
-8.75°	37.1	36.6	36.3	36.3	36.3	36.3	36.1	35.6	34.7	33.1	31.6
-10°	37.1	36.5	36.3	36.3	36.3	36.3	36.0	35.5	34.5	32.9	31.5
-11.25°	37.0	36.4	36.3	36.3	36.3	36.3	36.0	35.4	34.3	32.7	31.3
-12.5°	36.9	36.3	36.3	36.3	36.3	36.3	35.9	35.4	34.1	32.5	31.2
-13.75°	36.7	36.3	36.3	36.3	36.3	36.3	35.8	35.3	33.9	32.3	31.0
-15°	36.6	36.3	36.3	36.3	36.3	36.2	35.7	35.1	33.6	32.1	30.8
-16.25°	36.5	36.3	36.3	36.3	36.3	36.1	35.6	34.9	33.3	31.9	30.6
-17.5°	36.4	36.3	36.3	36.3	36.3	36.0	35.5	34.6	33.1	31.6	30.4
-18.75°	36.3	36.3	36.3	36.3	36.3	35.9	35.4	34.2	32.7	31.4	30.1
-20°	36.3	36.3	36.3	36.3	36.3	35.8	35.3	33.9	32.4	31.1	29.9
-21.25°	36.3	36.3	36.3	36.3	36.1	35.6	35.0	33.5	32.1	30.8	29.6



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	36.3	36.3	36.3	36.3	36.0	35.5	34.6	33.1	31.7	30.5	29.3
-23.75°	36.3	36.3	36.3	36.3	35.8	35.3	34.1	32.7	31.4	30.2	28.8
-25°	36.3	36.3	36.3	36.1	35.6	35.1	33.7	32.3	31.1	29.9	28.3
-26.25°	36.3	36.3	36.3	35.9	35.5	34.6	33.2	31.9	30.7	29.5	27.8
-27.5°	36.3	36.3	36.2	35.7	35.3	34.1	32.7	31.5	30.3	29.1	27.2
-28.75°	36.3	36.3	36.0	35.5	34.9	33.6	32.2	31.1	30.0	28.5	26.7
-30°	36.3	36.2	35.8	35.3	34.3	33.0	31.8	30.7	29.5	27.9	26.1
-31.25°	36.3	36.0	35.6	35.0	33.7	32.5	31.3	30.2	29.0	27.2	25.4
-32.5°	36.2	35.8	35.3	34.4	33.1	31.9	30.8	29.8	28.3	26.6	24.8
-33.75°	35.9	35.5	35.0	33.7	32.5	31.4	30.4	29.3	27.6	25.9	24.2
-35°	35.7	35.3	34.3	33.1	31.9	30.9	29.9	28.5	26.9	25.2	23.5
-36.25°	35.4	34.7	33.6	32.4	31.4	30.4	29.4	27.7	26.1	24.4	22.8
-37.5°	35.1	34.0	32.8	31.8	30.8	29.8	28.5	26.9	25.3	23.7	22.1
-38.75°	34.3	33.2	32.1	31.2	30.2	29.2	27.7	26.1	24.5	22.9	21.4
-40°	33.5	32.4	31.5	30.5	29.6	28.3	26.8	25.2	23.7	22.2	20.6
-41.25°	32.7	31.7	30.8	29.9	28.8	27.4	25.9	24.4	22.9	21.4	20.0
-42.5°	31.9	31.0	30.2	29.3	27.8	26.4	24.9	23.5	22.0	20.6	19.3
-43.75°	31.1	30.3	29.5	28.2	26.8	25.4	24.0	22.6	21.2	19.9	18.6
-45°	30.4	29.6	28.5	27.1	25.8	24.4	23.1	21.7	20.3	19.1	17.9
-46.25°	29.7	28.6	27.3	26.0	24.7	23.4	22.1	20.8	19.6	18.4	17.1
-47.5°	28.7	27.5	26.2	24.9	23.7	22.4	21.1	19.9	18.8	17.6	16.5
-48.75°	27.5	26.3	25.0	23.8	22.6	21.4	20.2	19.1	17.9	16.8	15.8
-50°	26.2	25.0	23.9	22.7	21.5	20.4	19.3	18.2	17.1	16.1	15.2
-51.25°	24.9	23.8	22.7	21.6	20.4	19.4	18.4	17.3	16.4	15.5	14.5
-52.5°	23.7	22.6	21.5	20.4	19.5	18.5	17.5	16.5	15.6	14.8	13.9
-53.75°	22.4	21.4	20.4	19.4	18.5	17.5	16.6	15.7	14.9	14.1	13.3
-55°	21.1	20.2	19.3	18.4	17.5	16.6	15.8	15.0	14.2	13.4	12.9
-56.25°	19.9	19.1	18.2	17.3	16.5	15.7	15.0	14.2	13.5	12.9	12.4
-57.5°	18.8	17.9	17.1	16.4	15.6	14.9	14.2	13.5	13.0	12.4	11.9
-58.75°	17.6	16.8	16.1	15.5	14.8	14.1	13.4	12.9	12.4	11.9	11.4
-60°	16.5	15.8	15.2	14.5	13.9	13.3	12.9	12.4	11.9	11.4	11.2
-61.25°	15.5	14.9	14.3	13.6	13.2	12.7	12.3	11.8	11.4	11.2	10.9
-62.5°	14.5	13.9	13.4	13.0	12.6	12.1	11.7	11.3	11.1	10.9	10.7
-63.75°	13.5	13.1	12.7	12.3	11.9	11.5	11.3	11.1	10.8	10.6	10.4
-65°	12.8	12.4	12.1	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.1
-66.25°	12.1	11.8	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.0	9.7
-67.5°	11.4	11.2	11.1	10.9	10.7	10.6	10.4	10.2	9.9	9.6	9.4
-68.75°	11.0	10.9	10.7	10.6	10.4	10.2	10.0	9.7	9.5	9.2	9.0
-70°	10.7	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.1	8.8	8.6
-71.25°	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.3	8.0
-72.5°	9.8	9.6	9.4	9.2	9.1	8.9	8.6	8.4	8.1	7.8	7.5
-73.75°	9.3	9.1	8.9	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0
-75°	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4
-76.25°	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9
-77.5°	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8
-80°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.4	4.3
-81.25°	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.6
-82.5°	4.4	4.2	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1	2.9
-83.75°	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3
-85°	2.5	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6
-86.25°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-87.5°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
87.5°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
86.25°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
85°	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
83.75°	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
82.5°	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.4	1.3
81.25°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.6
80°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9
78.75°	4.6	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3
77.5°	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.5	3.2	2.9	2.7
76.25°	5.7	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0
75°	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.7	3.4
73.75°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
72.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1
71.25°	7.7	7.4	7.1	6.8	6.4	6.1	5.8	5.5	5.1	4.8	4.4
70°	8.2	7.9	7.6	7.2	6.9	6.5	6.2	5.8	5.5	5.1	4.7
68.75°	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0
67.5°	9.1	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3
66.25°	9.4	9.2	8.9	8.5	8.1	7.7	7.3	6.9	6.4	6.0	5.6
65°	9.8	9.5	9.2	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.9
63.75°	10.2	9.8	9.5	9.2	8.9	8.5	8.0	7.6	7.1	6.6	6.2
62.5°	10.4	10.2	9.8	9.5	9.2	8.8	8.4	7.9	7.4	6.9	6.4
61.25°	10.7	10.4	10.2	9.8	9.4	9.1	8.7	8.2	7.7	7.2	6.7
60°	10.9	10.7	10.4	10.1	9.7	9.4	9.0	8.6	8.0	7.5	7.0
58.75°	11.2	10.9	10.6	10.4	10.0	9.6	9.2	8.8	8.3	7.8	7.2
57.5°	11.4	11.1	10.8	10.6	10.3	9.9	9.5	9.1	8.7	8.1	7.5
56.25°	11.8	11.3	11.1	10.8	10.5	10.2	9.7	9.3	8.9	8.4	7.8
55°	12.3	11.7	11.3	11.0	10.7	10.4	10.0	9.5	9.1	8.6	8.0
53.75°	12.7	12.1	11.5	11.2	10.9	10.6	10.2	9.8	9.3	8.9	8.3
52.5°	13.2	12.6	11.9	11.4	11.0	10.7	10.4	10.0	9.5	9.1	8.5
51.25°	13.6	13.0	12.3	11.7	11.2	10.9	10.6	10.2	9.7	9.2	8.8
50°	14.3	13.4	12.7	12.1	11.4	11.1	10.7	10.4	9.9	9.4	8.9
48.75°	14.9	13.9	13.1	12.4	11.8	11.2	10.9	10.5	10.1	9.6	9.1
47.5°	15.5	14.5	13.5	12.8	12.1	11.4	11.0	10.7	10.3	9.8	9.3
46.25°	16.1	15.0	14.0	13.2	12.4	11.7	11.2	10.8	10.5	10.0	9.4
45°	16.7	15.6	14.5	13.5	12.8	12.0	11.3	11.0	10.6	10.2	9.6
43.75°	17.3	16.1	15.0	14.0	13.1	12.3	11.6	11.1	10.7	10.3	9.8
42.5°	18.0	16.7	15.6	14.4	13.4	12.6	11.8	11.2	10.8	10.4	9.9
41.25°	18.6	17.3	16.1	14.9	13.8	12.9	12.1	11.4	11.0	10.5	10.1
40°	19.3	17.9	16.5	15.4	14.2	13.2	12.4	11.6	11.1	10.7	10.2
38.75°	19.9	18.5	17.1	15.8	14.6	13.5	12.6	11.8	11.2	10.8	10.3
37.5°	20.5	19.1	17.6	16.3	15.1	13.8	12.9	12.1	11.3	10.9	10.4
36.25°	21.2	19.6	18.2	16.7	15.5	14.2	13.2	12.3	11.4	11.0	10.5
35°	21.8	20.2	18.7	17.2	15.9	14.6	13.4	12.5	11.6	11.1	10.6



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	22.4	20.7	19.2	17.7	16.2	14.9	13.7	12.7	11.8	11.2	10.7
32.5°	23.1	21.3	19.7	18.1	16.6	15.3	14.0	13.0	12.0	11.3	10.8
31.25°	23.7	21.9	20.2	18.6	17.0	15.6	14.3	13.2	12.2	11.4	10.9
30°	24.2	22.4	20.6	19.0	17.4	16.0	14.6	13.4	12.4	11.5	11.0
28.75°	24.8	23.0	21.1	19.5	17.8	16.3	14.9	13.6	12.6	11.7	11.0
27.5°	25.3	23.5	21.6	19.9	18.2	16.6	15.2	13.8	12.8	11.8	11.1
26.25°	25.9	24.0	22.1	20.3	18.6	16.9	15.5	14.1	12.9	12.0	11.2
25°	26.4	24.5	22.5	20.6	18.9	17.2	15.7	14.3	13.1	12.1	11.3
23.75°	26.9	24.9	23.0	21.0	19.3	17.6	16.0	14.6	13.3	12.3	11.3
22.5°	27.3	25.3	23.4	21.4	19.6	17.9	16.2	14.8	13.4	12.4	11.4
21.25°	27.8	25.8	23.8	21.8	19.9	18.2	16.5	15.0	13.5	12.5	11.5
20°	28.2	26.2	24.1	22.1	20.2	18.4	16.7	15.2	13.7	12.6	11.6
18.75°	28.6	26.5	24.5	22.5	20.5	18.7	16.9	15.4	13.9	12.8	11.7
17.5°	29.0	26.9	24.8	22.8	20.8	18.9	17.1	15.6	14.1	12.9	11.8
16.25°	29.3	27.2	25.1	23.1	21.0	19.2	17.4	15.7	14.2	13.0	11.9
15°	29.5	27.5	25.4	23.3	21.3	19.4	17.5	15.9	14.4	13.1	12.0
13.75°	29.7	27.8	25.7	23.6	21.5	19.6	17.7	16.0	14.5	13.1	12.1
12.5°	29.8	28.1	25.9	23.8	21.7	19.7	17.9	16.2	14.6	13.2	12.2
11.25°	30.0	28.3	26.1	24.0	21.9	19.9	18.1	16.3	14.7	13.3	12.2
10°	30.1	28.5	26.3	24.2	22.1	20.1	18.2	16.4	14.8	13.4	12.3
8.75°	30.3	28.7	26.5	24.4	22.2	20.2	18.3	16.5	14.9	13.4	12.3
7.5°	30.4	28.9	26.7	24.5	22.4	20.3	18.4	16.6	15.0	13.5	12.4
6.25°	30.4	29.0	26.8	24.6	22.5	20.4	18.5	16.6	15.1	13.5	12.4
5°	30.5	29.1	26.9	24.7	22.6	20.5	18.6	16.7	15.1	13.5	12.4
3.75°	30.6	29.2	27.0	24.8	22.7	20.5	18.6	16.7	15.1	13.6	12.5
2.5°	30.6	29.3	27.1	24.9	22.7	20.6	18.7	16.8	15.2	13.6	12.5
1.25°	30.6	29.3	27.1	24.9	22.7	20.6	18.7	16.8	15.2	13.6	12.5
0°	30.7	29.3	27.1	24.9	22.8	20.6	18.7	16.8	15.2	13.6	12.5
-1.25°	30.6	29.3	27.1	24.9	22.7	20.6	18.7	16.8	15.2	13.6	12.5
-2.5°	30.6	29.3	27.1	24.9	22.7	20.6	18.7	16.8	15.2	13.6	12.5
-3.75°	30.6	29.2	27.0	24.8	22.7	20.5	18.6	16.7	15.1	13.6	12.5
-5°	30.5	29.1	26.9	24.7	22.6	20.5	18.6	16.7	15.1	13.5	12.4
-6.25°	30.4	29.0	26.8	24.6	22.5	20.4	18.5	16.6	15.1	13.5	12.4
-7.5°	30.4	28.9	26.7	24.5	22.4	20.3	18.4	16.6	15.0	13.5	12.4
-8.75°	30.3	28.7	26.5	24.4	22.2	20.2	18.3	16.5	14.9	13.4	12.3
-10°	30.1	28.5	26.3	24.2	22.1	20.1	18.2	16.4	14.8	13.4	12.3
-11.25°	30.0	28.3	26.1	24.0	21.9	19.9	18.1	16.3	14.7	13.3	12.2
-12.5°	29.8	28.1	25.9	23.8	21.7	19.7	17.9	16.2	14.6	13.2	12.2
-13.75°	29.7	27.8	25.7	23.6	21.5	19.6	17.7	16.0	14.5	13.1	12.1
-15°	29.5	27.5	25.4	23.3	21.3	19.4	17.5	15.9	14.4	13.1	12.0
-16.25°	29.3	27.2	25.1	23.1	21.0	19.2	17.4	15.7	14.2	13.0	11.9
-17.5°	29.0	26.9	24.8	22.8	20.8	18.9	17.1	15.6	14.1	12.9	11.8
-18.75°	28.6	26.5	24.5	22.5	20.5	18.7	16.9	15.4	13.9	12.8	11.7
-20°	28.2	26.2	24.1	22.1	20.2	18.4	16.7	15.2	13.7	12.6	11.6
-21.25°	27.8	25.8	23.8	21.8	19.9	18.2	16.5	15.0	13.5	12.5	11.5



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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°	27.3	25.3	23.4	21.4	19.6	17.9	16.2	14.8	13.4	12.4	11.4
-23.75°	26.9	24.9	23.0	21.0	19.3	17.6	16.0	14.6	13.3	12.3	11.3
-25°	26.4	24.5	22.5	20.6	18.9	17.2	15.7	14.3	13.1	12.1	11.3
-26.25°	25.9	24.0	22.1	20.3	18.6	16.9	15.5	14.1	12.9	12.0	11.2
-27.5°	25.3	23.5	21.6	19.9	18.2	16.6	15.2	13.8	12.8	11.8	11.1
-28.75°	24.8	23.0	21.1	19.5	17.8	16.3	14.9	13.6	12.6	11.7	11.0
-30°	24.2	22.4	20.6	19.0	17.4	16.0	14.6	13.4	12.4	11.5	11.0
-31.25°	23.7	21.9	20.2	18.6	17.0	15.6	14.3	13.2	12.2	11.4	10.9
-32.5°	23.1	21.3	19.7	18.1	16.6	15.3	14.0	13.0	12.0	11.3	10.8
-33.75°	22.4	20.7	19.2	17.7	16.2	14.9	13.7	12.7	11.8	11.2	10.7
-35°	21.8	20.2	18.7	17.2	15.9	14.6	13.4	12.5	11.6	11.1	10.6
-36.25°	21.2	19.6	18.2	16.7	15.5	14.2	13.2	12.3	11.4	11.0	10.5
-37.5°	20.5	19.1	17.6	16.3	15.1	13.8	12.9	12.1	11.3	10.9	10.4
-38.75°	19.9	18.5	17.1	15.8	14.6	13.5	12.6	11.8	11.2	10.8	10.3
-40°	19.3	17.9	16.5	15.4	14.2	13.2	12.4	11.6	11.1	10.7	10.2
-41.25°	18.6	17.3	16.1	14.9	13.8	12.9	12.1	11.4	11.0	10.5	10.1
-42.5°	18.0	16.7	15.6	14.4	13.4	12.6	11.8	11.2	10.8	10.4	9.9
-43.75°	17.3	16.1	15.0	14.0	13.1	12.3	11.6	11.1	10.7	10.3	9.8
-45°	16.7	15.6	14.5	13.5	12.8	12.0	11.3	11.0	10.6	10.2	9.6
-46.25°	16.1	15.0	14.0	13.2	12.4	11.7	11.2	10.8	10.5	10.0	9.4
-47.5°	15.5	14.5	13.5	12.8	12.1	11.4	11.0	10.7	10.3	9.8	9.3
-48.75°	14.9	13.9	13.1	12.4	11.8	11.2	10.9	10.5	10.1	9.6	9.1
-50°	14.3	13.4	12.7	12.1	11.4	11.1	10.7	10.4	9.9	9.4	8.9
-51.25°	13.6	13.0	12.3	11.7	11.2	10.9	10.6	10.2	9.7	9.2	8.8
-52.5°	13.2	12.6	11.9	11.4	11.0	10.7	10.4	10.0	9.5	9.1	8.5
-53.75°	12.7	12.1	11.5	11.2	10.9	10.6	10.2	9.8	9.3	8.9	8.3
-55°	12.3	11.7	11.3	11.0	10.7	10.4	10.0	9.5	9.1	8.6	8.0
-56.25°	11.8	11.3	11.1	10.8	10.5	10.2	9.7	9.3	8.9	8.4	7.8
-57.5°	11.4	11.1	10.8	10.6	10.3	9.9	9.5	9.1	8.7	8.1	7.5
-58.75°	11.2	10.9	10.6	10.4	10.0	9.6	9.2	8.8	8.3	7.8	7.2
-60°	10.9	10.7	10.4	10.1	9.7	9.4	9.0	8.6	8.0	7.5	7.0
-61.25°	10.7	10.4	10.2	9.8	9.4	9.1	8.7	8.2	7.7	7.2	6.7
-62.5°	10.4	10.2	9.8	9.5	9.2	8.8	8.4	7.9	7.4	6.9	6.4
-63.75°	10.2	9.8	9.5	9.2	8.9	8.5	8.0	7.6	7.1	6.6	6.2
-65°	9.8	9.5	9.2	8.9	8.5	8.1	7.7	7.2	6.8	6.3	5.9
-66.25°	9.4	9.2	8.9	8.5	8.1	7.7	7.3	6.9	6.4	6.0	5.6
-67.5°	9.1	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3
-68.75°	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0
-70°	8.2	7.9	7.6	7.2	6.9	6.5	6.2	5.8	5.5	5.1	4.7
-71.25°	7.7	7.4	7.1	6.8	6.4	6.1	5.8	5.5	5.1	4.8	4.4
-72.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1
-73.75°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
-75°	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.7	3.4
-76.25°	5.7	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0
-77.5°	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.5	3.2	2.9	2.7



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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°	4.6	4.4	4.2	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3
-80°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9
-81.25°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.6
-82.5°	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.4	1.3
-83.75°	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-85°	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-86.25°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-87.5°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-88.75°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
86.25°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
85°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
83.75°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
82.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
81.25°	1.4	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.2
80°	1.7	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3
78.75°	2.0	1.8	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
77.5°	2.4	2.1	1.8	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.3
76.25°	2.7	2.4	2.1	1.8	1.5	1.3	1.1	0.9	0.8	0.6	0.4
75°	3.0	2.7	2.4	2.0	1.7	1.4	1.2	1.0	0.8	0.6	0.4
73.75°	3.4	3.0	2.7	2.3	1.9	1.6	1.3	1.1	0.9	0.7	0.4
72.5°	3.7	3.3	2.9	2.5	2.1	1.7	1.4	1.2	1.0	0.7	0.5
71.25°	4.1	3.6	3.2	2.8	2.4	1.9	1.5	1.3	1.0	0.8	0.5
70°	4.4	3.9	3.5	3.0	2.6	2.1	1.7	1.4	1.1	0.8	0.5
68.75°	4.6	4.2	3.8	3.3	2.8	2.3	1.8	1.4	1.2	0.9	0.6
67.5°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.2	0.9	0.6
66.25°	5.2	4.7	4.3	3.8	3.2	2.7	2.2	1.6	1.3	1.0	0.6
65°	5.4	5.0	4.5	4.0	3.4	2.9	2.3	1.7	1.4	1.0	0.7
63.75°	5.7	5.2	4.7	4.2	3.7	3.1	2.5	1.9	1.4	1.1	0.7
62.5°	5.9	5.4	4.9	4.4	3.9	3.3	2.6	2.0	1.5	1.1	0.7
61.25°	6.2	5.7	5.2	4.6	4.1	3.4	2.8	2.1	1.5	1.2	0.8
60°	6.4	5.9	5.4	4.8	4.3	3.6	2.9	2.3	1.6	1.2	0.8
58.75°	6.7	6.1	5.6	5.0	4.4	3.8	3.1	2.4	1.7	1.2	0.8
57.5°	6.9	6.4	5.8	5.2	4.6	4.0	3.2	2.5	1.8	1.3	0.9
56.25°	7.2	6.6	6.0	5.4	4.8	4.1	3.4	2.6	1.9	1.3	0.9
55°	7.4	6.8	6.2	5.6	4.9	4.3	3.5	2.8	2.0	1.4	0.9
53.75°	7.6	7.0	6.4	5.7	5.1	4.4	3.7	2.9	2.1	1.4	0.9
52.5°	7.9	7.2	6.6	5.9	5.2	4.6	3.8	3.0	2.2	1.5	1.0
51.25°	8.1	7.4	6.8	6.1	5.4	4.7	4.0	3.1	2.3	1.5	1.0
50°	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.2	2.4	1.5	1.0
48.75°	8.5	7.8	7.1	6.4	5.7	5.0	4.2	3.3	2.5	1.6	1.1
47.5°	8.7	8.0	7.3	6.6	5.8	5.1	4.4	3.5	2.5	1.6	1.1
46.25°	8.9	8.2	7.5	6.7	6.0	5.2	4.5	3.6	2.6	1.7	1.1
45°	9.0	8.4	7.6	6.9	6.1	5.3	4.6	3.7	2.7	1.8	1.1
43.75°	9.2	8.6	7.8	7.0	6.2	5.5	4.7	3.8	2.8	1.8	1.2
42.5°	9.3	8.8	8.0	7.2	6.4	5.6	4.8	3.9	2.9	1.9	1.2
41.25°	9.5	8.9	8.1	7.3	6.5	5.7	4.9	4.0	3.0	1.9	1.2
40°	9.6	9.0	8.3	7.5	6.6	5.8	4.9	4.1	3.0	2.0	1.2
38.75°	9.8	9.1	8.5	7.6	6.7	5.9	5.0	4.2	3.1	2.1	1.2
37.5°	9.9	9.3	8.6	7.7	6.9	6.0	5.1	4.3	3.2	2.1	1.3
36.25°	10.0	9.4	8.7	7.9	7.0	6.1	5.2	4.3	3.3	2.2	1.3
35°	10.1	9.5	8.8	8.0	7.1	6.2	5.3	4.4	3.3	2.2	1.3



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-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°	10.3	9.6	8.9	8.1	7.2	6.3	5.4	4.5	3.4	2.3	1.3
32.5°	10.3	9.7	9.0	8.2	7.3	6.4	5.5	4.5	3.5	2.3	1.3
31.25°	10.4	9.8	9.1	8.3	7.4	6.5	5.5	4.6	3.5	2.4	1.4
30°	10.5	9.9	9.2	8.5	7.5	6.6	5.6	4.7	3.6	2.4	1.4
28.75°	10.6	10.0	9.3	8.6	7.6	6.6	5.7	4.7	3.6	2.5	1.4
27.5°	10.6	10.1	9.4	8.7	7.7	6.7	5.8	4.8	3.7	2.5	1.4
26.25°	10.7	10.2	9.5	8.7	7.8	6.8	5.8	4.8	3.7	2.5	1.4
25°	10.8	10.3	9.5	8.8	7.9	6.9	5.9	4.9	3.8	2.6	1.5
23.75°	10.8	10.3	9.6	8.9	7.9	6.9	5.9	4.9	3.8	2.6	1.5
22.5°	10.9	10.4	9.7	8.9	8.0	7.0	6.0	5.0	3.9	2.6	1.5
21.25°	10.9	10.4	9.7	9.0	8.1	7.1	6.0	5.0	3.9	2.7	1.5
20°	11.0	10.5	9.8	9.1	8.2	7.1	6.1	5.1	4.0	2.7	1.5
18.75°	11.0	10.5	9.9	9.1	8.2	7.2	6.1	5.1	4.0	2.7	1.5
17.5°	11.1	10.6	9.9	9.2	8.3	7.2	6.2	5.1	4.0	2.8	1.5
16.25°	11.1	10.6	10.0	9.2	8.3	7.3	6.2	5.2	4.1	2.8	1.5
15°	11.2	10.6	10.0	9.3	8.4	7.3	6.3	5.2	4.1	2.8	1.5
13.75°	11.2	10.7	10.1	9.3	8.4	7.4	6.3	5.2	4.1	2.8	1.6
12.5°	11.2	10.7	10.1	9.3	8.5	7.4	6.3	5.3	4.2	2.9	1.6
11.25°	11.3	10.7	10.1	9.4	8.5	7.5	6.4	5.3	4.2	2.9	1.6
10°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.3	4.2	2.9	1.6
8.75°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.3	4.2	2.9	1.6
7.5°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.4	4.3	2.9	1.6
6.25°	11.4	10.8	10.3	9.5	8.6	7.6	6.5	5.4	4.3	2.9	1.6
5°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
3.75°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
2.5°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
1.25°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
0°	11.4	10.9	10.3	9.5	8.7	7.6	6.5	5.4	4.3	3.0	1.6
-1.25°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
-2.5°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
-3.75°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
-5°	11.4	10.8	10.3	9.5	8.7	7.6	6.5	5.4	4.3	2.9	1.6
-6.25°	11.4	10.8	10.3	9.5	8.6	7.6	6.5	5.4	4.3	2.9	1.6
-7.5°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.4	4.3	2.9	1.6
-8.75°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.3	4.2	2.9	1.6
-10°	11.3	10.8	10.2	9.4	8.6	7.5	6.4	5.3	4.2	2.9	1.6
-11.25°	11.3	10.7	10.1	9.4	8.5	7.5	6.4	5.3	4.2	2.9	1.6
-12.5°	11.2	10.7	10.1	9.3	8.5	7.4	6.3	5.3	4.2	2.9	1.6
-13.75°	11.2	10.7	10.1	9.3	8.4	7.4	6.3	5.2	4.1	2.8	1.6
-15°	11.2	10.6	10.0	9.3	8.4	7.3	6.3	5.2	4.1	2.8	1.5
-16.25°	11.1	10.6	10.0	9.2	8.3	7.3	6.2	5.2	4.1	2.8	1.5
-17.5°	11.1	10.6	9.9	9.2	8.3	7.2	6.2	5.1	4.0	2.8	1.5
-18.75°	11.0	10.5	9.9	9.1	8.2	7.2	6.1	5.1	4.0	2.7	1.5
-20°	11.0	10.5	9.8	9.1	8.2	7.1	6.1	5.1	4.0	2.7	1.5
-21.25°	10.9	10.4	9.7	9.0	8.1	7.1	6.0	5.0	3.9	2.7	1.5



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	10.9	10.4	9.7	8.9	8.0	7.0	6.0	5.0	3.9	2.6	1.5
-23.75°	10.8	10.3	9.6	8.9	7.9	6.9	5.9	4.9	3.8	2.6	1.5
-25°	10.8	10.3	9.5	8.8	7.9	6.9	5.9	4.9	3.8	2.6	1.5
-26.25°	10.7	10.2	9.5	8.7	7.8	6.8	5.8	4.8	3.7	2.5	1.4
-27.5°	10.6	10.1	9.4	8.7	7.7	6.7	5.8	4.8	3.7	2.5	1.4
-28.75°	10.6	10.0	9.3	8.6	7.6	6.6	5.7	4.7	3.6	2.5	1.4
-30°	10.5	9.9	9.2	8.5	7.5	6.6	5.6	4.7	3.6	2.4	1.4
-31.25°	10.4	9.8	9.1	8.3	7.4	6.5	5.5	4.6	3.5	2.4	1.4
-32.5°	10.3	9.7	9.0	8.2	7.3	6.4	5.5	4.5	3.5	2.3	1.3
-33.75°	10.3	9.6	8.9	8.1	7.2	6.3	5.4	4.5	3.4	2.3	1.3
-35°	10.1	9.5	8.8	8.0	7.1	6.2	5.3	4.4	3.3	2.2	1.3
-36.25°	10.0	9.4	8.7	7.9	7.0	6.1	5.2	4.3	3.3	2.2	1.3
-37.5°	9.9	9.3	8.6	7.7	6.9	6.0	5.1	4.3	3.2	2.1	1.3
-38.75°	9.8	9.1	8.5	7.6	6.7	5.9	5.0	4.2	3.1	2.1	1.2
-40°	9.6	9.0	8.3	7.5	6.6	5.8	4.9	4.1	3.0	2.0	1.2
-41.25°	9.5	8.9	8.1	7.3	6.5	5.7	4.9	4.0	3.0	1.9	1.2
-42.5°	9.3	8.8	8.0	7.2	6.4	5.6	4.8	3.9	2.9	1.9	1.2
-43.75°	9.2	8.6	7.8	7.0	6.2	5.5	4.7	3.8	2.8	1.8	1.2
-45°	9.0	8.4	7.6	6.9	6.1	5.3	4.6	3.7	2.7	1.8	1.1
-46.25°	8.9	8.2	7.5	6.7	6.0	5.2	4.5	3.6	2.6	1.7	1.1
-47.5°	8.7	8.0	7.3	6.6	5.8	5.1	4.4	3.5	2.5	1.6	1.1
-48.75°	8.5	7.8	7.1	6.4	5.7	5.0	4.2	3.3	2.5	1.6	1.1
-50°	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.2	2.4	1.5	1.0
-51.25°	8.1	7.4	6.8	6.1	5.4	4.7	4.0	3.1	2.3	1.5	1.0
-52.5°	7.9	7.2	6.6	5.9	5.2	4.6	3.8	3.0	2.2	1.5	1.0
-53.75°	7.6	7.0	6.4	5.7	5.1	4.4	3.7	2.9	2.1	1.4	0.9
-55°	7.4	6.8	6.2	5.6	4.9	4.3	3.5	2.8	2.0	1.4	0.9
-56.25°	7.2	6.6	6.0	5.4	4.8	4.1	3.4	2.6	1.9	1.3	0.9
-57.5°	6.9	6.4	5.8	5.2	4.6	4.0	3.2	2.5	1.8	1.3	0.9
-58.75°	6.7	6.1	5.6	5.0	4.4	3.8	3.1	2.4	1.7	1.2	0.8
-60°	6.4	5.9	5.4	4.8	4.3	3.6	2.9	2.3	1.6	1.2	0.8
-61.25°	6.2	5.7	5.2	4.6	4.1	3.4	2.8	2.1	1.5	1.2	0.8
-62.5°	5.9	5.4	4.9	4.4	3.9	3.3	2.6	2.0	1.5	1.1	0.7
-63.75°	5.7	5.2	4.7	4.2	3.7	3.1	2.5	1.9	1.4	1.1	0.7
-65°	5.4	5.0	4.5	4.0	3.4	2.9	2.3	1.7	1.4	1.0	0.7
-66.25°	5.2	4.7	4.3	3.8	3.2	2.7	2.2	1.6	1.3	1.0	0.6
-67.5°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.2	0.9	0.6
-68.75°	4.6	4.2	3.8	3.3	2.8	2.3	1.8	1.4	1.2	0.9	0.6
-70°	4.4	3.9	3.5	3.0	2.6	2.1	1.7	1.4	1.1	0.8	0.5
-71.25°	4.1	3.6	3.2	2.8	2.4	1.9	1.5	1.3	1.0	0.8	0.5
-72.5°	3.7	3.3	2.9	2.5	2.1	1.7	1.4	1.2	1.0	0.7	0.5
-73.75°	3.4	3.0	2.7	2.3	1.9	1.6	1.3	1.1	0.9	0.7	0.4
-75°	3.0	2.7	2.4	2.0	1.7	1.4	1.2	1.0	0.8	0.6	0.4
-76.25°	2.7	2.4	2.1	1.8	1.5	1.3	1.1	0.9	0.8	0.6	0.4
-77.5°	2.4	2.1	1.8	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.3



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.0	1.8	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-80°	1.7	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3
-81.25°	1.4	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.2
-82.5°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-83.75°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-85°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
-86.25°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-87.5°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.7	0.0
32.5°	0.7	0.0
31.25°	0.7	0.0
30°	0.7	0.0
28.75°	0.7	0.0
27.5°	0.7	0.0
26.25°	0.7	0.0
25°	0.7	0.0
23.75°	0.7	0.0
22.5°	0.7	0.0
21.25°	0.7	0.0
20°	0.8	0.0
18.75°	0.8	0.0
17.5°	0.8	0.0
16.25°	0.8	0.0
15°	0.8	0.0
13.75°	0.8	0.0
12.5°	0.8	0.0
11.25°	0.8	0.0
10°	0.8	0.0
8.75°	0.8	0.0
7.5°	0.8	0.0
6.25°	0.8	0.0
5°	0.8	0.0
3.75°	0.8	0.0
2.5°	0.8	0.0
1.25°	0.8	0.0
0°	0.8	0.0
-1.25°	0.8	0.0
-2.5°	0.8	0.0
-3.75°	0.8	0.0
-5°	0.8	0.0
-6.25°	0.8	0.0
-7.5°	0.8	0.0
-8.75°	0.8	0.0
-10°	0.8	0.0
-11.25°	0.8	0.0
-12.5°	0.8	0.0
-13.75°	0.8	0.0
-15°	0.8	0.0
-16.25°	0.8	0.0
-17.5°	0.8	0.0
-18.75°	0.8	0.0
-20°	0.8	0.0
-21.25°	0.7	0.0



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220436 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)