

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: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

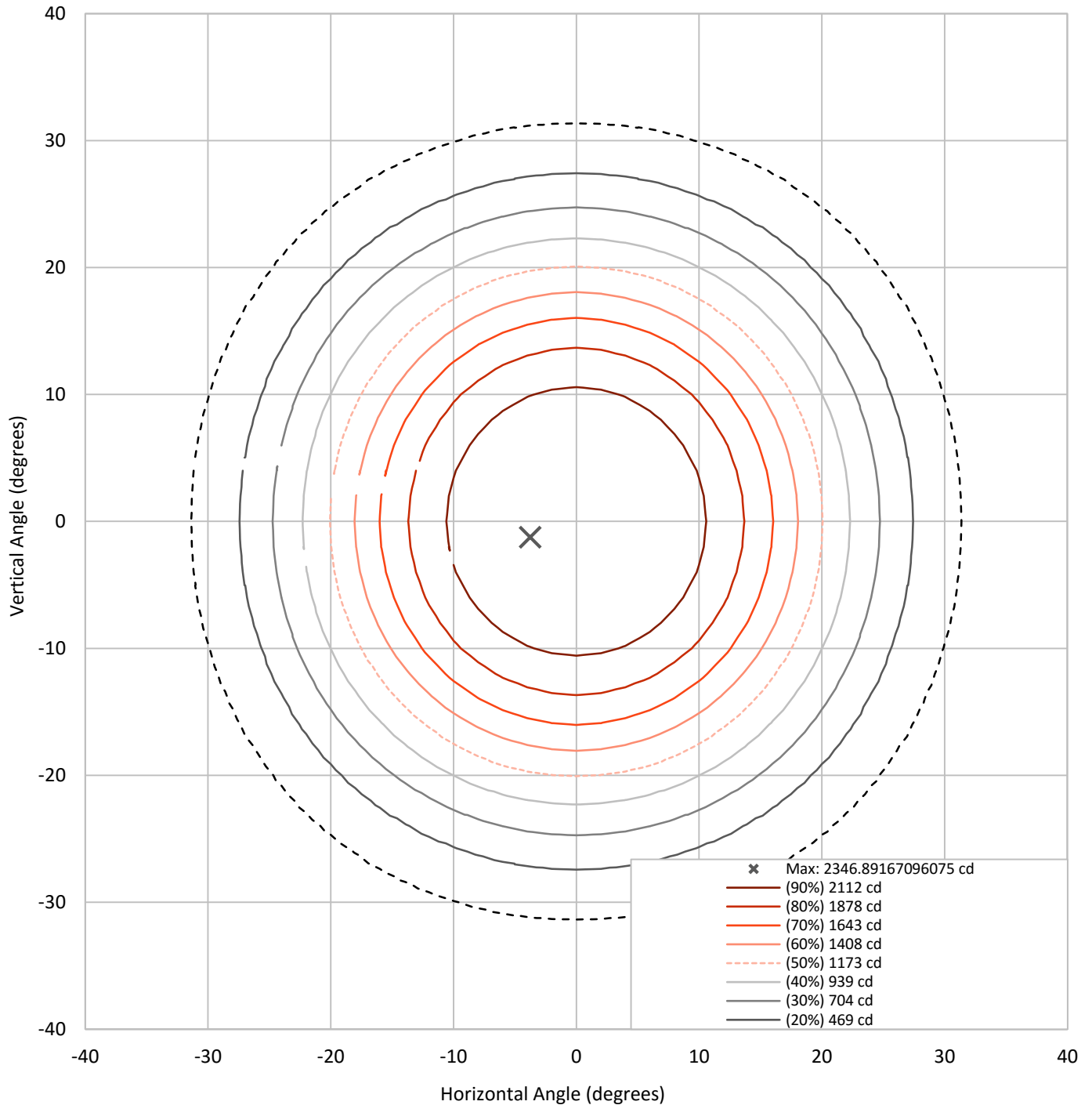
Test Method: LM-79-08
Report Number: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1135.3 lumens	Max Intensity:	2346.9 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	113.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.1°H x 39.5°V	Field Angle (10%):	62.7°H x 62.3°V
Beam Lumens:	691.8 lumens	Field Lumens:	1018.3 lumens
Beam Efficiency:	60.9%	Field Efficiency:	89.7%
Input Watts (W):	10		
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





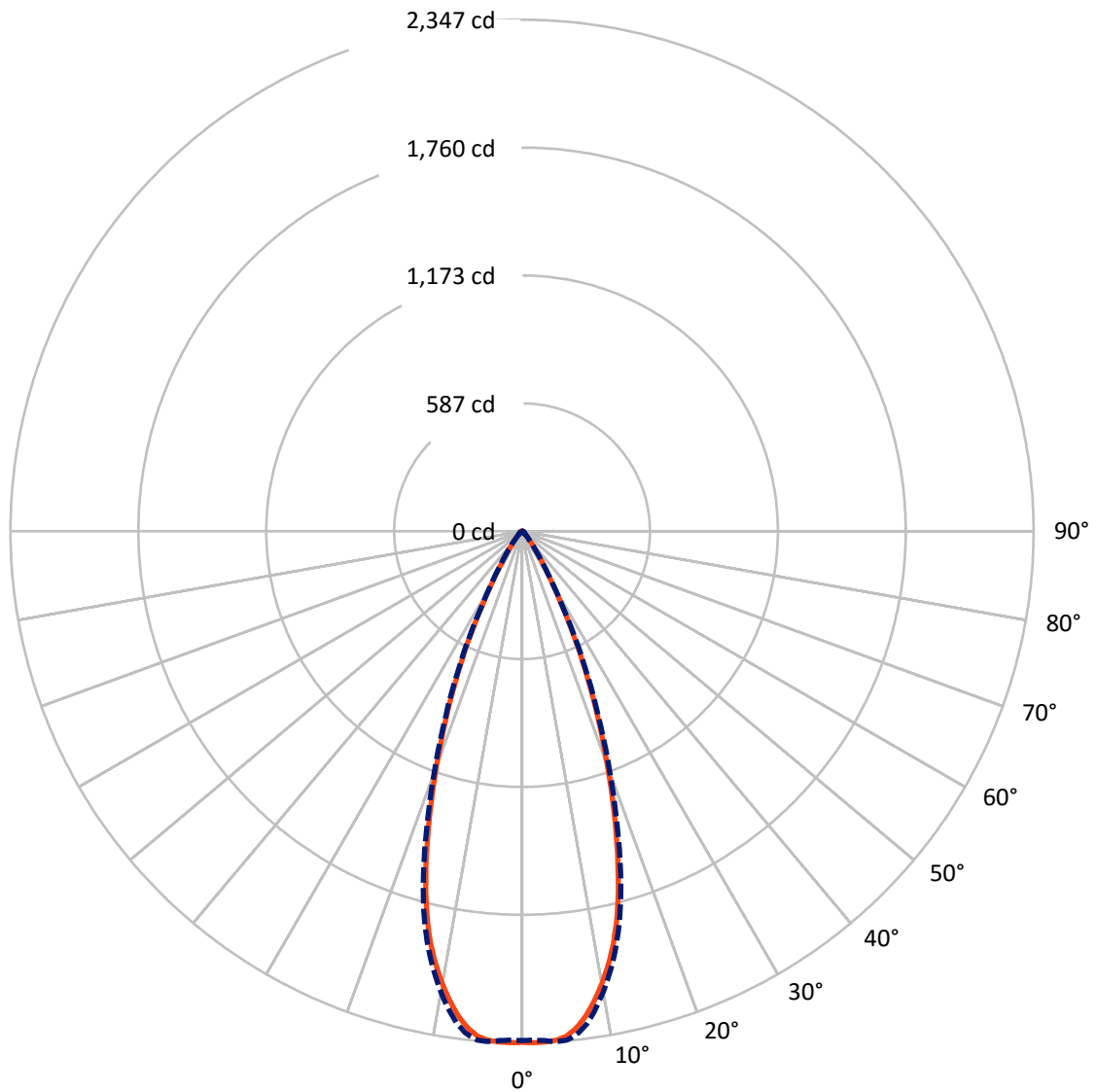
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Lumen Table

90	0.0	0.1	0.3	0.5	0.5	0.5	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.5	0.5	0.5	0.3	0.1	0.0										
70	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1			
60		0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1				
50	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.8	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1			
40		0.1	0.2	0.3	0.5	1.2	2.6	4.0	4.0	2.6	1.2	0.5	0.3	0.2	0.1				
30	0.1	0.1	0.2	0.3	1.1	4.0	11.4	19.4	19.4	11.4	4.0	1.1	0.3	0.2	0.1	0.1			
20		0.1	0.2	0.5	2.2	10.8	31.2	49.0	49.0	31.2	10.8	2.2	0.5	0.2	0.1				
10	0.1	0.1	0.2	0.6	3.3	17.8	47.6	67.7	67.7	47.6	17.8	3.3	0.6	0.2	0.1	0.1			
0		0.1	0.2	0.6	3.3	17.8	47.6	67.7	67.7	47.6	17.8	3.3	0.6	0.2	0.1				
-10	0.1	0.1	0.2	0.6	3.3	17.8	47.6	67.7	67.7	47.6	17.8	3.3	0.6	0.2	0.1	0.1			
-20		0.1	0.2	0.5	2.2	10.8	31.2	49.0	49.0	31.2	10.8	2.2	0.5	0.2	0.1				
-30	0.1	0.1	0.2	0.3	1.1	4.0	11.4	19.4	19.4	11.4	4.0	1.1	0.3	0.2	0.1	0.1			
-40		0.1	0.2	0.3	0.5	1.2	2.6	4.0	4.0	2.6	1.2	0.5	0.3	0.2	0.1				
-50	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.8	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1				
-70	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1			
-80		0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1				
-90	0.0	0.1	0.3	0.5	0.5	0.5	0.3	0.1	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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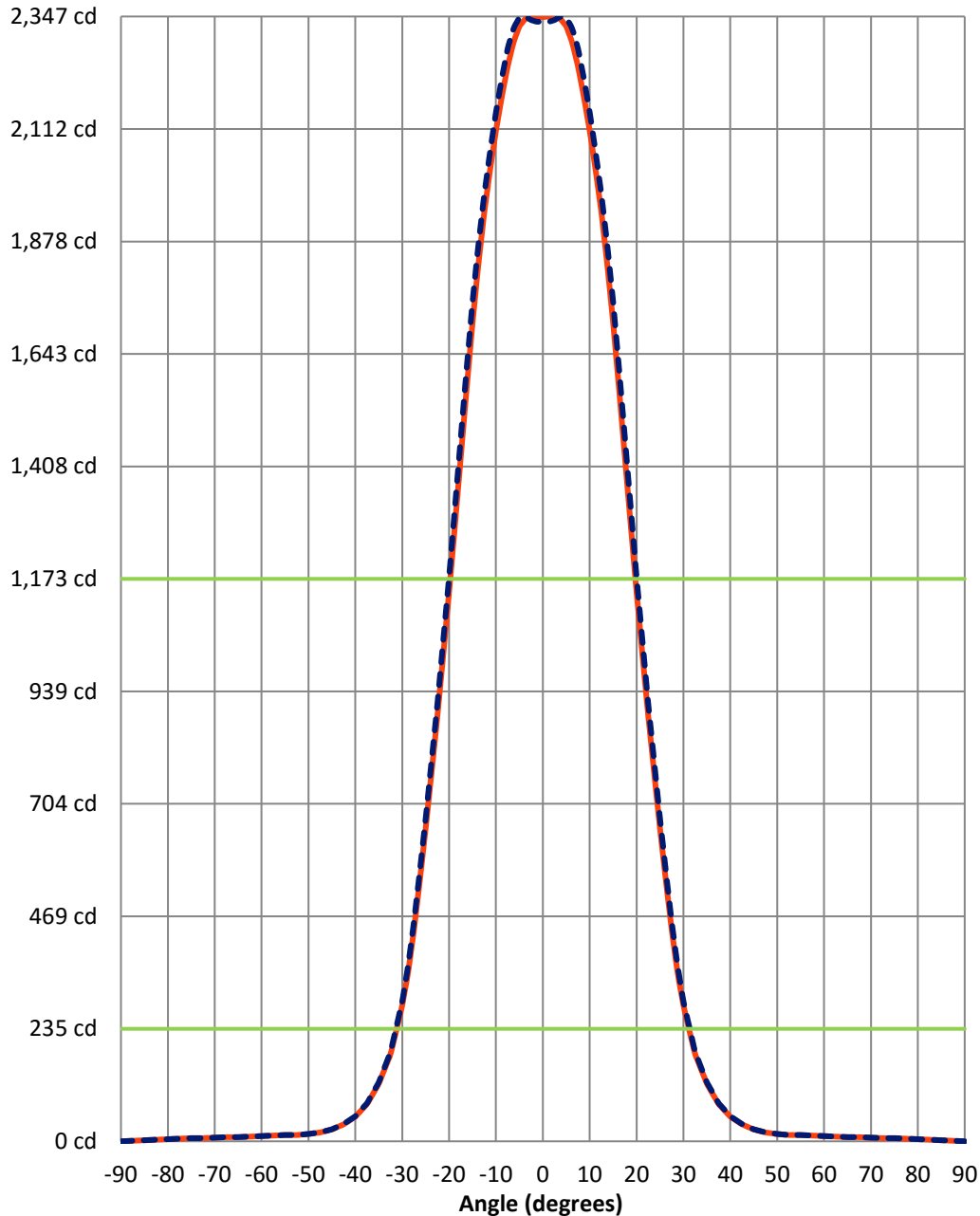
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 40.1°
 V Angle: 39.5°
 Lumens: 691.8
 Efficiency: 60.9%

Field:
 H Angle: 62.7°
 V Angle: 62.3°
 Lumens: 1018.3
 Efficiency: 89.7%

Spill:
 Lumens: 117
 Efficiency: 10.3%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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

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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	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
32.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.2	4.6
31.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	4.7
30°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
28.75°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	4.8
27.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	4.9
26.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.9	4.4	4.9
25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
23.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
22.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.1	4.6	5.1
21.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.6	5.1
20°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.2
18.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.2
17.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.7	4.2	4.7	5.2
16.25°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.3
15°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.8	5.3
13.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.8	5.3
12.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.8	4.3	4.8	5.4
11.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4
10°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4
8.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.4
7.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
6.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
3.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
2.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
1.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
0°	0.0	0.5	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5
-1.25°	0.0	0.5	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5
-1.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-2.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-3.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-6.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-7.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.5
-8.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.4
-10°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4
-11.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4
-12.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.8	4.3	4.8	5.4
-13.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.8	5.3
-15°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.8	5.3
-16.25°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.3
-17.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.7	4.2	4.7	5.2
-18.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.2
-20°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.2
-21.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.6	5.1



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.1	4.6	5.1
-23.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-26.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.9	4.4	4.9
-27.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	4.9
-28.75°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	4.8
-30°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	4.8
-31.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	4.7
-32.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.2	4.6
-33.75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.6
-35°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.5
-36.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.5	4.0	4.4
-37.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.5	3.9	4.4
-38.75°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.9	4.3
-40°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
-41.25°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-42.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-43.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-45°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
-46.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-47.5°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	3.0	3.3	3.7
-48.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.3	3.6
-50°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-51.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-52.5°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3
-53.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-55°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-56.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-57.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.6	2.9
-58.75°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	2.8
-60°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.7
-61.25°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6
-62.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
-63.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-65°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
-66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
-67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.1
-68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-70°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9
-71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
-72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2
82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5
81.25°	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7
80°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9
78.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
77.5°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4
76.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
75°	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9
73.75°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1
72.5°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
71.25°	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.3	3.4	3.6
70°	2.1	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.8
68.75°	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7	3.9	4.1
67.5°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
66.25°	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
65°	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7
63.75°	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	5.0
62.5°	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	5.0	5.2
61.25°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7	4.9	5.2	5.4
60°	3.0	3.3	3.5	3.8	4.1	4.3	4.6	4.9	5.1	5.4	5.6
58.75°	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.8
57.5°	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.8	6.0
56.25°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3
55°	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
53.75°	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.6
52.5°	3.7	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.6	6.6
51.25°	3.8	4.1	4.4	4.8	5.1	5.4	5.8	6.1	6.4	6.6	6.6
50°	3.9	4.2	4.6	4.9	5.2	5.6	5.9	6.3	6.6	6.6	6.6
48.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.1	6.4	6.6	6.6	6.6
47.5°	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.6	6.6	6.6
46.25°	4.2	4.5	4.9	5.3	5.7	6.0	6.4	6.6	6.6	6.6	6.7
45°	4.3	4.6	5.0	5.4	5.8	6.2	6.5	6.6	6.6	6.6	6.9
43.75°	4.4	4.7	5.1	5.5	5.9	6.3	6.6	6.6	6.6	6.7	7.1
42.5°	4.4	4.8	5.2	5.6	6.0	6.4	6.6	6.6	6.6	6.9	7.2
41.25°	4.5	4.9	5.3	5.7	6.2	6.6	6.6	6.6	6.7	7.0	7.4
40°	4.6	5.0	5.4	5.9	6.3	6.6	6.6	6.6	6.8	7.2	7.5
38.75°	4.7	5.1	5.5	6.0	6.4	6.6	6.6	6.6	6.9	7.3	7.7
37.5°	4.8	5.2	5.6	6.1	6.5	6.6	6.6	6.7	7.1	7.4	7.8
36.25°	4.9	5.3	5.7	6.2	6.6	6.6	6.6	6.8	7.2	7.6	8.0
35°	4.9	5.4	5.8	6.3	6.6	6.6	6.6	6.9	7.3	7.7	8.1



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	5.0	5.5	5.9	6.4	6.6	6.6	6.6	7.0	7.4	7.9	8.3
32.5°	5.1	5.5	6.0	6.5	6.6	6.6	6.7	7.1	7.5	8.0	8.4
31.25°	5.2	5.6	6.1	6.6	6.6	6.6	6.8	7.2	7.7	8.1	8.6
30°	5.2	5.7	6.2	6.6	6.6	6.6	6.9	7.3	7.8	8.2	8.7
28.75°	5.3	5.8	6.2	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.7
27.5°	5.4	5.8	6.3	6.6	6.6	6.7	7.1	7.5	8.0	8.5	8.7
26.25°	5.4	5.9	6.4	6.6	6.6	6.7	7.2	7.6	8.1	8.6	8.7
25°	5.5	6.0	6.5	6.6	6.6	6.8	7.3	7.7	8.2	8.7	8.7
23.75°	5.5	6.0	6.5	6.6	6.6	6.9	7.3	7.8	8.3	8.7	8.7
22.5°	5.6	6.1	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.7	8.7
21.25°	5.6	6.1	6.6	6.6	6.6	7.0	7.5	8.0	8.5	8.7	8.7
20°	5.7	6.2	6.6	6.6	6.6	7.1	7.6	8.1	8.6	8.7	8.7
18.75°	5.7	6.2	6.6	6.6	6.7	7.2	7.6	8.1	8.7	8.7	8.7
17.5°	5.8	6.3	6.6	6.6	6.7	7.2	7.7	8.2	8.7	8.7	8.7
16.25°	5.8	6.3	6.6	6.6	6.8	7.3	7.8	8.3	8.7	8.7	8.8
15°	5.8	6.4	6.6	6.6	6.8	7.3	7.8	8.3	8.7	8.7	8.8
13.75°	5.9	6.4	6.6	6.6	6.9	7.4	7.9	8.4	8.7	8.7	8.9
12.5°	5.9	6.4	6.6	6.6	6.9	7.4	7.9	8.5	8.7	8.7	9.0
11.25°	5.9	6.5	6.6	6.6	7.0	7.4	8.0	8.5	8.7	8.7	9.0
10°	6.0	6.5	6.6	6.6	7.0	7.5	8.0	8.5	8.7	8.7	9.1
8.75°	6.0	6.5	6.6	6.6	7.0	7.5	8.0	8.6	8.7	8.7	9.1
7.5°	6.0	6.5	6.6	6.6	7.0	7.5	8.1	8.6	8.7	8.7	9.1
6.25°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.6	8.7	8.7	9.2
5°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
3.75°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
2.5°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
1.25°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
0°	6.1	6.6	6.6	6.6	7.1	7.6	8.2	8.7	8.7	8.7	9.3
-1.25°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
-2.5°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
-3.75°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
-5°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.7	8.7	8.7	9.2
-6.25°	6.0	6.6	6.6	6.6	7.1	7.6	8.1	8.6	8.7	8.7	9.2
-7.5°	6.0	6.5	6.6	6.6	7.0	7.5	8.1	8.6	8.7	8.7	9.1
-8.75°	6.0	6.5	6.6	6.6	7.0	7.5	8.0	8.6	8.7	8.7	9.1
-10°	6.0	6.5	6.6	6.6	7.0	7.5	8.0	8.5	8.7	8.7	9.1
-11.25°	5.9	6.5	6.6	6.6	7.0	7.4	8.0	8.5	8.7	8.7	9.0
-12.5°	5.9	6.4	6.6	6.6	6.9	7.4	7.9	8.5	8.7	8.7	9.0
-13.75°	5.9	6.4	6.6	6.6	6.9	7.4	7.9	8.4	8.7	8.7	8.9
-15°	5.8	6.4	6.6	6.6	6.8	7.3	7.8	8.3	8.7	8.7	8.8
-16.25°	5.8	6.3	6.6	6.6	6.8	7.3	7.8	8.3	8.7	8.7	8.8
-17.5°	5.8	6.3	6.6	6.6	6.7	7.2	7.7	8.2	8.7	8.7	8.7
-18.75°	5.7	6.2	6.6	6.6	6.7	7.2	7.6	8.1	8.7	8.7	8.7
-20°	5.7	6.2	6.6	6.6	6.6	7.1	7.6	8.1	8.6	8.7	8.7
-21.25°	5.6	6.1	6.6	6.6	6.6	7.0	7.5	8.0	8.5	8.7	8.7



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	5.6	6.1	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.7	8.7
-23.75°	5.5	6.0	6.5	6.6	6.6	6.9	7.3	7.8	8.3	8.7	8.7
-25°	5.5	6.0	6.5	6.6	6.6	6.8	7.3	7.7	8.2	8.7	8.7
-26.25°	5.4	5.9	6.4	6.6	6.6	6.7	7.2	7.6	8.1	8.6	8.7
-27.5°	5.4	5.8	6.3	6.6	6.6	6.7	7.1	7.5	8.0	8.5	8.7
-28.75°	5.3	5.8	6.2	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.7
-30°	5.2	5.7	6.2	6.6	6.6	6.6	6.9	7.3	7.8	8.2	8.7
-31.25°	5.2	5.6	6.1	6.6	6.6	6.6	6.8	7.2	7.7	8.1	8.6
-32.5°	5.1	5.5	6.0	6.5	6.6	6.6	6.7	7.1	7.5	8.0	8.4
-33.75°	5.0	5.5	5.9	6.4	6.6	6.6	6.6	7.0	7.4	7.9	8.3
-35°	4.9	5.4	5.8	6.3	6.6	6.6	6.6	6.9	7.3	7.7	8.1
-36.25°	4.9	5.3	5.7	6.2	6.6	6.6	6.6	6.8	7.2	7.6	8.0
-37.5°	4.8	5.2	5.6	6.1	6.5	6.6	6.6	6.7	7.1	7.4	7.8
-38.75°	4.7	5.1	5.5	6.0	6.4	6.6	6.6	6.6	6.9	7.3	7.7
-40°	4.6	5.0	5.4	5.9	6.3	6.6	6.6	6.6	6.8	7.2	7.5
-41.25°	4.5	4.9	5.3	5.7	6.2	6.6	6.6	6.6	6.7	7.0	7.4
-42.5°	4.4	4.8	5.2	5.6	6.0	6.4	6.6	6.6	6.6	6.9	7.2
-43.75°	4.4	4.7	5.1	5.5	5.9	6.3	6.6	6.6	6.6	6.7	7.1
-45°	4.3	4.6	5.0	5.4	5.8	6.2	6.5	6.6	6.6	6.6	6.9
-46.25°	4.2	4.5	4.9	5.3	5.7	6.0	6.4	6.6	6.6	6.6	6.7
-47.5°	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.6	6.6	6.6
-48.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.1	6.4	6.6	6.6	6.6
-50°	3.9	4.2	4.6	4.9	5.2	5.6	5.9	6.3	6.6	6.6	6.6
-51.25°	3.8	4.1	4.4	4.8	5.1	5.4	5.8	6.1	6.4	6.6	6.6
-52.5°	3.7	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2	6.6	6.6
-53.75°	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.8	6.1	6.4	6.6
-55°	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
-56.25°	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3
-57.5°	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.8	6.0
-58.75°	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0	5.3	5.6	5.8
-60°	3.0	3.3	3.5	3.8	4.1	4.3	4.6	4.9	5.1	5.4	5.6
-61.25°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7	4.9	5.2	5.4
-62.5°	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.5	4.7	5.0	5.2
-63.75°	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	5.0
-65°	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7
-66.25°	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
-67.5°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
-68.75°	2.2	2.4	2.6	2.8	2.9	3.1	3.3	3.5	3.7	3.9	4.1
-70°	2.1	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.8
-71.25°	1.9	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.3	3.4	3.6
-72.5°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
-73.75°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	3.0	3.1
-75°	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9
-76.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
-77.5°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4



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CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-80°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9
-81.25°	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7
-82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5
-83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2
-85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-88.75°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
83.75°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8
82.5°	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1
81.25°	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5
80°	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8
78.75°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.2
77.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
76.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9
75°	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2
73.75°	3.3	3.4	3.5	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.6
72.5°	3.5	3.7	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9
71.25°	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2
70°	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6
68.75°	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6	5.8	5.9
67.5°	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.3
66.25°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.6
65°	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.6	6.6
63.75°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.6	6.6	6.6	6.6
62.5°	5.4	5.6	5.9	6.1	6.3	6.5	6.6	6.6	6.6	6.6	6.6
61.25°	5.6	5.9	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.8
60°	5.9	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.1
58.75°	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.7	7.0	7.2	7.4
57.5°	6.3	6.6	6.6	6.6	6.6	6.6	6.8	7.0	7.2	7.5	7.7
56.25°	6.5	6.6	6.6	6.6	6.6	6.8	7.0	7.3	7.5	7.8	8.0
55°	6.6	6.6	6.6	6.6	6.8	7.0	7.3	7.5	7.8	8.1	8.3
53.75°	6.6	6.6	6.6	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.6
52.5°	6.6	6.6	6.7	7.0	7.2	7.5	7.8	8.1	8.4	8.7	8.7
51.25°	6.6	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	8.7	8.7
50°	6.6	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.7	8.7	8.7
48.75°	6.7	7.0	7.3	7.6	7.9	8.3	8.6	8.7	8.7	8.7	8.7
47.5°	6.9	7.2	7.5	7.8	8.2	8.5	8.7	8.7	8.7	8.7	9.0
46.25°	7.0	7.4	7.7	8.1	8.4	8.7	8.7	8.7	8.7	9.0	9.3
45°	7.2	7.6	7.9	8.3	8.6	8.7	8.7	8.7	8.9	9.3	9.6
43.75°	7.4	7.7	8.1	8.5	8.7	8.7	8.7	8.8	9.2	9.5	9.9
42.5°	7.6	7.9	8.3	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1
41.25°	7.7	8.1	8.5	8.7	8.7	8.7	8.9	9.3	9.7	10.1	10.4
40°	7.9	8.3	8.7	8.7	8.7	8.8	9.2	9.6	9.9	10.3	10.7
38.75°	8.1	8.5	8.7	8.7	8.7	9.0	9.4	9.8	10.2	10.6	10.9
37.5°	8.3	8.7	8.7	8.7	8.8	9.2	9.6	10.0	10.4	10.8	11.2
36.25°	8.4	8.7	8.7	8.7	9.0	9.4	9.8	10.2	10.6	11.0	11.4
35°	8.6	8.7	8.7	8.8	9.2	9.6	10.0	10.4	10.9	11.3	11.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	8.7	8.7	8.7	8.9	9.4	9.8	10.2	10.7	11.1	11.5	11.9
32.5°	8.7	8.7	8.7	9.1	9.6	10.0	10.4	10.9	11.3	11.7	12.1
31.25°	8.7	8.7	8.8	9.3	9.7	10.2	10.6	11.1	11.5	11.9	12.4
30°	8.7	8.7	9.0	9.4	9.9	10.4	10.8	11.3	11.7	12.1	12.6
28.75°	8.7	8.7	9.1	9.6	10.1	10.5	11.0	11.4	11.9	12.3	12.8
27.5°	8.7	8.8	9.3	9.8	10.2	10.7	11.2	11.6	12.1	12.5	13.0
26.25°	8.7	8.9	9.4	9.9	10.4	10.8	11.3	11.8	12.3	12.7	13.1
25°	8.7	9.1	9.6	10.0	10.5	11.0	11.5	12.0	12.4	12.9	13.1
23.75°	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.1	12.6	13.1	13.1
22.5°	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.1	13.1
21.25°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.1	13.1
20°	9.0	9.5	10.0	10.5	11.0	11.5	12.1	12.6	13.1	13.1	13.1
18.75°	9.1	9.6	10.1	10.6	11.2	11.7	12.2	12.7	13.1	13.1	13.1
17.5°	9.2	9.7	10.2	10.7	11.3	11.8	12.3	12.8	13.1	13.1	13.4
16.25°	9.3	9.8	10.3	10.8	11.4	11.9	12.4	12.9	13.1	13.1	13.6
15°	9.4	9.9	10.4	10.9	11.5	12.0	12.5	13.0	13.1	13.1	13.9
13.75°	9.4	10.0	10.5	11.0	11.5	12.1	12.6	13.1	13.1	13.1	14.1
12.5°	9.5	10.0	10.6	11.1	11.6	12.2	12.7	13.1	13.1	13.2	14.3
11.25°	9.5	10.1	10.6	11.2	11.7	12.2	12.8	13.1	13.1	13.4	14.5
10°	9.6	10.1	10.7	11.2	11.8	12.3	12.8	13.1	13.1	13.6	14.7
8.75°	9.6	10.2	10.7	11.3	11.8	12.4	12.9	13.1	13.1	13.7	14.8
7.5°	9.7	10.2	10.8	11.3	11.9	12.4	12.9	13.1	13.1	13.9	14.9
6.25°	9.7	10.3	10.8	11.4	11.9	12.5	13.0	13.1	13.1	14.0	15.0
5°	9.8	10.3	10.8	11.4	11.9	12.5	13.0	13.1	13.1	14.0	15.1
3.75°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.1	15.2
2.5°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.2	15.3
1.25°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.2	15.3
0°	9.8	10.4	10.9	11.5	12.0	12.6	13.1	13.1	13.1	14.2	15.3
-1.25°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.2	15.3
-2.5°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.2	15.3
-3.75°	9.8	10.3	10.9	11.4	12.0	12.5	13.1	13.1	13.1	14.1	15.2
-5°	9.8	10.3	10.8	11.4	11.9	12.5	13.0	13.1	13.1	14.0	15.1
-6.25°	9.7	10.3	10.8	11.4	11.9	12.5	13.0	13.1	13.1	14.0	15.0
-7.5°	9.7	10.2	10.8	11.3	11.9	12.4	12.9	13.1	13.1	13.9	14.9
-8.75°	9.6	10.2	10.7	11.3	11.8	12.4	12.9	13.1	13.1	13.7	14.8
-10°	9.6	10.1	10.7	11.2	11.8	12.3	12.8	13.1	13.1	13.6	14.7
-11.25°	9.5	10.1	10.6	11.2	11.7	12.2	12.8	13.1	13.1	13.4	14.5
-12.5°	9.5	10.0	10.6	11.1	11.6	12.2	12.7	13.1	13.1	13.2	14.3
-13.75°	9.4	10.0	10.5	11.0	11.5	12.1	12.6	13.1	13.1	13.1	14.1
-15°	9.4	9.9	10.4	10.9	11.5	12.0	12.5	13.0	13.1	13.1	13.9
-16.25°	9.3	9.8	10.3	10.8	11.4	11.9	12.4	12.9	13.1	13.1	13.6
-17.5°	9.2	9.7	10.2	10.7	11.3	11.8	12.3	12.8	13.1	13.1	13.4
-18.75°	9.1	9.6	10.1	10.6	11.2	11.7	12.2	12.7	13.1	13.1	13.1
-20°	9.0	9.5	10.0	10.5	11.0	11.5	12.1	12.6	13.1	13.1	13.1
-21.25°	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.1	13.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.1	13.1
-23.75°	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.1	12.6	13.1	13.1
-25°	8.7	9.1	9.6	10.0	10.5	11.0	11.5	12.0	12.4	12.9	13.1
-26.25°	8.7	8.9	9.4	9.9	10.4	10.8	11.3	11.8	12.3	12.7	13.1
-27.5°	8.7	8.8	9.3	9.8	10.2	10.7	11.2	11.6	12.1	12.5	13.0
-28.75°	8.7	8.7	9.1	9.6	10.1	10.5	11.0	11.4	11.9	12.3	12.8
-30°	8.7	8.7	9.0	9.4	9.9	10.4	10.8	11.3	11.7	12.1	12.6
-31.25°	8.7	8.7	8.8	9.3	9.7	10.2	10.6	11.1	11.5	11.9	12.4
-32.5°	8.7	8.7	8.7	9.1	9.6	10.0	10.4	10.9	11.3	11.7	12.1
-33.75°	8.7	8.7	8.7	8.9	9.4	9.8	10.2	10.7	11.1	11.5	11.9
-35°	8.6	8.7	8.7	8.8	9.2	9.6	10.0	10.4	10.9	11.3	11.7
-36.25°	8.4	8.7	8.7	8.7	9.0	9.4	9.8	10.2	10.6	11.0	11.4
-37.5°	8.3	8.7	8.7	8.7	8.8	9.2	9.6	10.0	10.4	10.8	11.2
-38.75°	8.1	8.5	8.7	8.7	8.7	9.0	9.4	9.8	10.2	10.6	10.9
-40°	7.9	8.3	8.7	8.7	8.7	8.8	9.2	9.6	9.9	10.3	10.7
-41.25°	7.7	8.1	8.5	8.7	8.7	8.7	8.9	9.3	9.7	10.1	10.4
-42.5°	7.6	7.9	8.3	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1
-43.75°	7.4	7.7	8.1	8.5	8.7	8.7	8.7	8.8	9.2	9.5	9.9
-45°	7.2	7.6	7.9	8.3	8.6	8.7	8.7	8.7	8.9	9.3	9.6
-46.25°	7.0	7.4	7.7	8.1	8.4	8.7	8.7	8.7	8.7	9.0	9.3
-47.5°	6.9	7.2	7.5	7.8	8.2	8.5	8.7	8.7	8.7	8.7	9.0
-48.75°	6.7	7.0	7.3	7.6	7.9	8.3	8.6	8.7	8.7	8.7	8.7
-50°	6.6	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.7	8.7	8.7
-51.25°	6.6	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	8.7	8.7
-52.5°	6.6	6.6	6.7	7.0	7.2	7.5	7.8	8.1	8.4	8.7	8.7
-53.75°	6.6	6.6	6.6	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.6
-55°	6.6	6.6	6.6	6.6	6.8	7.0	7.3	7.5	7.8	8.1	8.3
-56.25°	6.5	6.6	6.6	6.6	6.6	6.8	7.0	7.3	7.5	7.8	8.0
-57.5°	6.3	6.6	6.6	6.6	6.6	6.6	6.8	7.0	7.2	7.5	7.7
-58.75°	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.7	7.0	7.2	7.4
-60°	5.9	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.1
-61.25°	5.6	5.9	6.1	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.8
-62.5°	5.4	5.6	5.9	6.1	6.3	6.5	6.6	6.6	6.6	6.6	6.6
-63.75°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.6	6.6	6.6	6.6
-65°	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.6	6.6
-66.25°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.6
-67.5°	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.3
-68.75°	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.4	5.6	5.8	5.9
-70°	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6
-71.25°	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	5.0	5.1	5.2
-72.5°	3.5	3.7	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9
-73.75°	3.3	3.4	3.5	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.6
-75°	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2
-76.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9
-77.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3.0	3.1	3.2
-80°	2.0	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8
-81.25°	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5
-82.5°	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1
-83.75°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8
-85°	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	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: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
86.25°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
85°	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
83.75°	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
82.5°	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7
81.25°	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
80°	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5
78.75°	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0
77.5°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.4	4.4
76.25°	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.8	4.9
75°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
73.75°	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7
72.5°	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.9	6.0	6.1	6.2
71.25°	5.4	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6
70°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.6	6.6	6.6	6.6
68.75°	6.1	6.2	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6
67.5°	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8
66.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.1	7.2
65°	6.6	6.6	6.6	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.6
63.75°	6.6	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0
62.5°	6.7	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.4
61.25°	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.7	8.7
60°	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.7	8.7	8.7
58.75°	7.6	7.8	8.1	8.3	8.5	8.7	8.7	8.7	8.7	8.7	8.7
57.5°	7.9	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.8	9.0
56.25°	8.3	8.5	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.4
55°	8.6	8.7	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.6	9.8
53.75°	8.7	8.7	8.7	8.7	8.8	9.1	9.3	9.6	9.8	10.0	10.2
52.5°	8.7	8.7	8.7	8.9	9.2	9.4	9.7	9.9	10.2	10.4	10.6
51.25°	8.7	8.7	9.0	9.3	9.5	9.8	10.1	10.3	10.6	10.8	11.0
50°	8.7	9.0	9.3	9.6	9.9	10.1	10.4	10.7	10.9	11.2	11.4
48.75°	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.3	11.6	11.8
47.5°	9.3	9.6	10.0	10.3	10.6	10.8	11.1	11.4	11.7	12.0	12.2
46.25°	9.6	10.0	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.3	12.6
45°	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.0
43.75°	10.2	10.6	10.9	11.2	11.5	11.9	12.2	12.5	12.8	13.1	13.1
42.5°	10.5	10.8	11.2	11.5	11.9	12.2	12.5	12.8	13.1	13.1	13.1
41.25°	10.8	11.1	11.5	11.8	12.2	12.5	12.8	13.1	13.1	13.1	13.1
40°	11.0	11.4	11.8	12.1	12.5	12.8	13.1	13.1	13.1	13.1	13.7
38.75°	11.3	11.7	12.1	12.4	12.8	13.1	13.1	13.1	13.1	13.7	14.4
37.5°	11.6	12.0	12.3	12.7	13.1	13.1	13.1	13.1	13.7	14.4	15.1
36.25°	11.8	12.2	12.6	13.0	13.1	13.1	13.1	13.7	14.4	15.1	16.1
35°	12.1	12.5	12.9	13.1	13.1	13.1	13.6	14.3	15.0	16.0	17.1



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	12.3	12.7	13.1	13.1	13.1	13.4	14.1	14.9	15.9	17.0	18.1
32.5°	12.6	13.0	13.1	13.1	13.1	13.9	14.7	15.6	16.8	17.9	19.5
31.25°	12.8	13.1	13.1	13.1	13.7	14.5	15.3	16.5	17.7	19.1	21.4
30°	13.0	13.1	13.1	13.3	14.2	15.0	16.1	17.4	18.6	20.9	23.3
28.75°	13.1	13.1	13.1	13.8	14.7	15.7	16.9	18.2	20.3	22.7	25.1
27.5°	13.1	13.1	13.4	14.3	15.2	16.4	17.7	19.4	21.9	24.4	28.0
26.25°	13.1	13.1	13.8	14.7	15.8	17.1	18.5	20.9	23.5	26.7	30.9
25°	13.1	13.3	14.3	15.2	16.5	17.8	19.8	22.4	25.0	29.3	33.6
23.75°	13.1	13.7	14.7	15.7	17.1	18.5	21.2	23.9	27.5	31.9	36.5
22.5°	13.1	14.1	15.0	16.3	17.8	19.7	22.5	25.3	29.9	34.4	40.4
21.25°	13.5	14.4	15.5	16.9	18.4	21.0	23.8	27.5	32.2	37.2	44.1
20°	13.8	14.8	16.0	17.5	19.2	22.1	25.0	29.6	34.4	40.6	47.6
18.75°	14.1	15.1	16.5	18.0	20.3	23.2	26.8	31.6	36.7	43.9	51.0
17.5°	14.4	15.5	17.0	18.5	21.3	24.3	28.6	33.5	39.6	46.9	55.4
16.25°	14.7	15.9	17.4	19.3	22.3	25.4	30.3	35.3	42.4	49.8	60.4
15°	14.9	16.3	17.8	20.1	23.1	26.9	31.9	37.5	45.0	52.7	65.1
13.75°	15.1	16.6	18.2	20.9	24.0	28.3	33.4	39.8	47.5	56.9	69.5
12.5°	15.4	17.0	18.6	21.6	24.7	29.6	34.8	42.0	49.7	60.7	73.5
11.25°	15.7	17.3	19.1	22.3	25.6	30.8	36.1	43.9	51.7	64.3	77.2
10°	15.9	17.6	19.7	22.9	26.6	31.9	37.8	45.7	54.3	67.5	81.1
8.75°	16.2	17.8	20.2	23.4	27.5	32.8	39.2	47.2	57.1	70.3	85.8
7.5°	16.4	18.0	20.6	23.8	28.3	33.7	40.6	48.6	59.4	72.8	90.0
6.25°	16.6	18.2	21.0	24.2	29.0	34.4	41.7	49.7	61.4	74.9	93.5
5°	16.7	18.3	21.3	24.5	29.6	35.0	42.6	50.7	63.1	76.6	96.4
3.75°	16.8	18.5	21.5	24.8	30.0	35.4	43.3	51.4	64.4	78.0	98.6
2.5°	16.9	18.5	21.7	25.0	30.3	35.7	43.8	52.0	65.3	78.9	100.3
1.25°	16.9	18.6	21.8	25.1	30.5	35.9	44.1	52.3	65.9	79.5	101.2
0°	17.0	18.6	21.9	25.1	30.6	36.0	44.2	52.4	66.1	79.7	101.6
-1.25°	16.9	18.6	21.8	25.1	30.5	35.9	44.1	52.3	65.9	79.5	101.2
-2.5°	16.9	18.5	21.7	25.0	30.3	35.7	43.8	52.0	65.3	78.9	100.3
-3.75°	16.8	18.5	21.5	24.8	30.0	35.4	43.3	51.4	64.4	78.0	98.6
-5°	16.7	18.3	21.3	24.5	29.6	35.0	42.6	50.7	63.1	76.6	96.4
-6.25°	16.6	18.2	21.0	24.2	29.0	34.4	41.7	49.7	61.4	74.9	93.5
-7.5°	16.4	18.0	20.6	23.8	28.3	33.7	40.6	48.6	59.4	72.8	90.0
-8.75°	16.2	17.8	20.2	23.4	27.5	32.8	39.2	47.2	57.1	70.3	85.8
-10°	15.9	17.6	19.7	22.9	26.6	31.9	37.8	45.7	54.3	67.5	81.1
-11.25°	15.7	17.3	19.1	22.3	25.6	30.8	36.1	43.9	51.7	64.3	77.2
-12.5°	15.4	17.0	18.6	21.6	24.7	29.6	34.8	42.0	49.7	60.7	73.5
-13.75°	15.1	16.6	18.2	20.9	24.0	28.3	33.4	39.8	47.5	56.9	69.5
-15°	14.9	16.3	17.8	20.1	23.1	26.9	31.9	37.5	45.0	52.7	65.1
-16.25°	14.7	15.9	17.4	19.3	22.3	25.4	30.3	35.3	42.4	49.8	60.4
-17.5°	14.4	15.5	17.0	18.5	21.3	24.3	28.6	33.5	39.6	46.9	55.4
-18.75°	14.1	15.1	16.5	18.0	20.3	23.2	26.8	31.6	36.7	43.9	51.0
-20°	13.8	14.8	16.0	17.5	19.2	22.1	25.0	29.6	34.4	40.6	47.6
-21.25°	13.5	14.4	15.5	16.9	18.4	21.0	23.8	27.5	32.2	37.2	44.1



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	13.1	14.1	15.0	16.3	17.8	19.7	22.5	25.3	29.9	34.4	40.4
-23.75°	13.1	13.7	14.7	15.7	17.1	18.5	21.2	23.9	27.5	31.9	36.5
-25°	13.1	13.3	14.3	15.2	16.5	17.8	19.8	22.4	25.0	29.3	33.6
-26.25°	13.1	13.1	13.8	14.7	15.8	17.1	18.5	20.9	23.5	26.7	30.9
-27.5°	13.1	13.1	13.4	14.3	15.2	16.4	17.7	19.4	21.9	24.4	28.0
-28.75°	13.1	13.1	13.1	13.8	14.7	15.7	16.9	18.2	20.3	22.7	25.1
-30°	13.0	13.1	13.1	13.3	14.2	15.0	16.1	17.4	18.6	20.9	23.3
-31.25°	12.8	13.1	13.1	13.1	13.7	14.5	15.3	16.5	17.7	19.1	21.4
-32.5°	12.6	13.0	13.1	13.1	13.1	13.9	14.7	15.6	16.8	17.9	19.5
-33.75°	12.3	12.7	13.1	13.1	13.1	13.4	14.1	14.9	15.9	17.0	18.1
-35°	12.1	12.5	12.9	13.1	13.1	13.1	13.6	14.3	15.0	16.0	17.1
-36.25°	11.8	12.2	12.6	13.0	13.1	13.1	13.1	13.7	14.4	15.1	16.1
-37.5°	11.6	12.0	12.3	12.7	13.1	13.1	13.1	13.1	13.7	14.4	15.1
-38.75°	11.3	11.7	12.1	12.4	12.8	13.1	13.1	13.1	13.1	13.7	14.4
-40°	11.0	11.4	11.8	12.1	12.5	12.8	13.1	13.1	13.1	13.1	13.7
-41.25°	10.8	11.1	11.5	11.8	12.2	12.5	12.8	13.1	13.1	13.1	13.1
-42.5°	10.5	10.8	11.2	11.5	11.9	12.2	12.5	12.8	13.1	13.1	13.1
-43.75°	10.2	10.6	10.9	11.2	11.5	11.9	12.2	12.5	12.8	13.1	13.1
-45°	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.0
-46.25°	9.6	10.0	10.3	10.6	10.9	11.2	11.5	11.8	12.1	12.3	12.6
-47.5°	9.3	9.6	10.0	10.3	10.6	10.8	11.1	11.4	11.7	12.0	12.2
-48.75°	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.0	11.3	11.6	11.8
-50°	8.7	9.0	9.3	9.6	9.9	10.1	10.4	10.7	10.9	11.2	11.4
-51.25°	8.7	8.7	9.0	9.3	9.5	9.8	10.1	10.3	10.6	10.8	11.0
-52.5°	8.7	8.7	8.7	8.9	9.2	9.4	9.7	9.9	10.2	10.4	10.6
-53.75°	8.7	8.7	8.7	8.7	8.8	9.1	9.3	9.6	9.8	10.0	10.2
-55°	8.6	8.7	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.6	9.8
-56.25°	8.3	8.5	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.4
-57.5°	7.9	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.8	9.0
-58.75°	7.6	7.8	8.1	8.3	8.5	8.7	8.7	8.7	8.7	8.7	8.7
-60°	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.7	8.7	8.7
-61.25°	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.7	8.7
-62.5°	6.7	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.4
-63.75°	6.6	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0
-65°	6.6	6.6	6.6	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.6
-66.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.1	7.2
-67.5°	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8
-68.75°	6.1	6.2	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-70°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.6	6.6	6.6	6.6
-71.25°	5.4	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6
-72.5°	5.0	5.2	5.3	5.4	5.5	5.6	5.7	5.9	6.0	6.1	6.2
-73.75°	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7
-75°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
-76.25°	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.8	4.9
-77.5°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.4	4.4



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0
-80°	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5
-81.25°	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
-82.5°	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7
-83.75°	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
-85°	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-86.25°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
-87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
85°	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
83.75°	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
82.5°	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0
81.25°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6
80°	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.1
78.75°	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6
77.5°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1
76.25°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6
75°	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.0	6.1
73.75°	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6
72.5°	6.3	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
71.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
70°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.9	7.0
68.75°	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4
67.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9
66.25°	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
65°	7.7	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.7	8.7
63.75°	8.1	8.3	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7
62.5°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8
61.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.1	9.2	9.3
60°	8.7	8.7	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.8
58.75°	8.8	8.9	9.1	9.3	9.4	9.6	9.8	9.9	10.0	10.2	10.3
57.5°	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8
56.25°	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.8	11.0	11.1	11.3
55°	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.6	11.8
53.75°	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.8	12.0	12.1	12.3
52.5°	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4	12.6	12.8
51.25°	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.1
50°	11.7	11.9	12.1	12.4	12.6	12.8	13.0	13.1	13.1	13.1	13.1
48.75°	12.1	12.3	12.6	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1
47.5°	12.5	12.7	13.0	13.1	13.1	13.1	13.1	13.1	13.3	13.7	14.1
46.25°	12.9	13.1	13.1	13.1	13.1	13.1	13.4	13.8	14.3	14.7	15.0
45°	13.1	13.1	13.1	13.1	13.3	13.8	14.3	14.7	15.2	15.7	16.3
43.75°	13.1	13.1	13.1	13.7	14.2	14.7	15.2	15.8	16.5	17.1	17.8
42.5°	13.1	13.4	13.9	14.5	15.0	15.7	16.4	17.1	17.8	18.5	19.7
41.25°	13.6	14.1	14.7	15.3	16.1	16.9	17.7	18.5	19.8	21.2	22.5
40°	14.3	14.9	15.6	16.5	17.4	18.2	19.4	20.9	22.4	23.9	25.3
38.75°	15.0	15.9	16.8	17.7	18.6	20.3	21.9	23.5	25.0	27.5	29.9
37.5°	16.0	17.0	17.9	19.1	20.9	22.7	24.4	26.7	29.3	31.9	34.4
36.25°	17.1	18.1	19.5	21.4	23.3	25.1	28.0	30.9	33.6	36.5	40.4
35°	18.1	19.7	21.7	23.7	25.9	29.0	32.1	35.0	38.9	43.0	47.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	19.7	21.8	23.9	26.4	29.7	32.9	36.1	40.7	45.2	49.5	54.5
32.5°	21.7	23.9	26.6	30.1	33.5	37.2	42.1	46.8	51.4	58.2	65.4
31.25°	23.7	26.4	30.1	33.6	37.7	42.9	47.9	53.1	61.0	68.7	76.1
30°	25.9	29.7	33.5	37.7	43.2	48.5	54.5	62.9	71.1	79.0	90.9
28.75°	29.0	32.9	37.2	42.9	48.5	54.9	63.8	72.5	81.7	94.9	107.6
27.5°	32.1	36.1	42.1	47.9	54.5	63.8	73.0	83.3	97.3	110.8	124.3
26.25°	35.0	40.7	46.8	53.1	62.9	72.5	83.3	98.1	112.5	127.9	147.6
25°	38.9	45.2	51.4	61.0	71.1	81.7	97.3	112.5	129.1	150.1	170.4
23.75°	43.0	49.5	58.2	68.7	79.0	94.9	110.8	127.9	150.1	171.7	196.9
22.5°	47.0	54.5	65.4	76.1	90.9	107.6	124.3	147.6	170.4	196.9	233.3
21.25°	50.9	61.1	72.2	85.4	102.7	119.9	142.7	166.7	192.6	231.1	268.7
20°	56.0	67.5	78.9	96.3	114.1	135.4	160.4	185.1	224.5	264.2	306.6
18.75°	61.9	73.6	88.4	106.8	125.7	151.7	177.4	213.5	255.2	297.2	351.3
17.5°	67.4	79.3	98.0	116.8	140.7	167.3	198.3	241.8	284.5	338.2	404.5
16.25°	72.6	87.8	107.1	127.5	154.9	182.1	224.1	268.6	319.3	384.2	459.2
15°	77.5	96.0	115.6	140.3	168.3	202.4	248.4	294.5	356.2	431.6	514.5
13.75°	83.5	103.6	123.6	152.3	180.8	224.2	271.2	326.4	397.8	479.9	571.4
12.5°	90.3	110.6	134.2	163.4	196.2	244.5	292.4	357.7	438.4	528.2	624.5
11.25°	96.4	117.0	143.9	173.5	214.0	263.1	318.4	391.9	478.0	575.1	673.6
10°	102.0	122.9	152.7	182.7	230.1	279.9	342.1	423.2	516.1	617.8	722.1
8.75°	106.9	130.1	160.6	193.8	244.5	295.8	366.8	454.0	552.5	656.1	765.8
7.5°	111.3	136.6	167.4	205.8	257.1	313.6	390.0	481.0	584.6	691.1	804.4
6.25°	114.9	142.2	173.3	216.1	267.8	328.7	409.9	504.9	612.1	722.4	837.6
5°	118.0	146.8	178.1	224.5	276.7	341.2	426.9	526.4	634.8	748.4	865.1
3.75°	120.3	150.4	181.8	231.1	283.6	351.3	441.2	543.4	652.7	768.8	886.7
2.5°	122.0	153.0	184.5	235.8	288.6	360.1	451.4	555.5	665.5	783.5	902.3
1.25°	123.1	154.5	186.2	238.7	291.6	365.4	457.5	562.8	673.2	792.4	911.8
0°	123.4	155.1	186.7	239.7	292.6	367.1	459.6	565.3	675.8	795.4	914.9
-1.25°	123.1	154.5	186.2	238.7	291.6	365.4	457.5	562.8	673.2	792.4	911.8
-2.5°	122.0	153.0	184.5	235.8	288.6	360.1	451.4	555.5	665.5	783.5	902.3
-3.75°	120.3	150.4	181.8	231.1	283.6	351.3	441.2	543.4	652.7	768.8	886.7
-5°	118.0	146.8	178.1	224.5	276.7	341.2	426.9	526.4	634.8	748.4	865.1
-6.25°	114.9	142.2	173.3	216.1	267.8	328.7	409.9	504.9	612.1	722.4	837.6
-7.5°	111.3	136.6	167.4	205.8	257.1	313.6	390.0	481.0	584.6	691.1	804.4
-8.75°	106.9	130.1	160.6	193.8	244.5	295.8	366.8	454.0	552.5	656.1	765.8
-10°	102.0	122.9	152.7	182.7	230.1	279.9	342.1	423.2	516.1	617.8	722.1
-11.25°	96.4	117.0	143.9	173.5	214.0	263.1	318.4	391.9	478.0	575.1	673.6
-12.5°	90.3	110.6	134.2	163.4	196.2	244.5	292.4	357.7	438.4	528.2	624.5
-13.75°	83.5	103.6	123.6	152.3	180.8	224.2	271.2	326.4	397.8	479.9	571.4
-15°	77.5	96.0	115.6	140.3	168.3	202.4	248.4	294.5	356.2	431.6	514.5
-16.25°	72.6	87.8	107.1	127.5	154.9	182.1	224.1	268.6	319.3	384.2	459.2
-17.5°	67.4	79.3	98.0	116.8	140.7	167.3	198.3	241.8	284.5	338.2	404.5
-18.75°	61.9	73.6	88.4	106.8	125.7	151.7	177.4	213.5	255.2	297.2	351.3
-20°	56.0	67.5	78.9	96.3	114.1	135.4	160.4	185.1	224.5	264.2	306.6
-21.25°	50.9	61.1	72.2	85.4	102.7	119.9	142.7	166.7	192.6	231.1	268.7



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	47.0	54.5	65.4	76.1	90.9	107.6	124.3	147.6	170.4	196.9	233.3
-23.75°	43.0	49.5	58.2	68.7	79.0	94.9	110.8	127.9	150.1	171.7	196.9
-25°	38.9	45.2	51.4	61.0	71.1	81.7	97.3	112.5	129.1	150.1	170.4
-26.25°	35.0	40.7	46.8	53.1	62.9	72.5	83.3	98.1	112.5	127.9	147.6
-27.5°	32.1	36.1	42.1	47.9	54.5	63.8	73.0	83.3	97.3	110.8	124.3
-28.75°	29.0	32.9	37.2	42.9	48.5	54.9	63.8	72.5	81.7	94.9	107.6
-30°	25.9	29.7	33.5	37.7	43.2	48.5	54.5	62.9	71.1	79.0	90.9
-31.25°	23.7	26.4	30.1	33.6	37.7	42.9	47.9	53.1	61.0	68.7	76.1
-32.5°	21.7	23.9	26.6	30.1	33.5	37.2	42.1	46.8	51.4	58.2	65.4
-33.75°	19.7	21.8	23.9	26.4	29.7	32.9	36.1	40.7	45.2	49.5	54.5
-35°	18.1	19.7	21.7	23.7	25.9	29.0	32.1	35.0	38.9	43.0	47.0
-36.25°	17.1	18.1	19.5	21.4	23.3	25.1	28.0	30.9	33.6	36.5	40.4
-37.5°	16.0	17.0	17.9	19.1	20.9	22.7	24.4	26.7	29.3	31.9	34.4
-38.75°	15.0	15.9	16.8	17.7	18.6	20.3	21.9	23.5	25.0	27.5	29.9
-40°	14.3	14.9	15.6	16.5	17.4	18.2	19.4	20.9	22.4	23.9	25.3
-41.25°	13.6	14.1	14.7	15.3	16.1	16.9	17.7	18.5	19.8	21.2	22.5
-42.5°	13.1	13.4	13.9	14.5	15.0	15.7	16.4	17.1	17.8	18.5	19.7
-43.75°	13.1	13.1	13.1	13.7	14.2	14.7	15.2	15.8	16.5	17.1	17.8
-45°	13.1	13.1	13.1	13.1	13.3	13.8	14.3	14.7	15.2	15.7	16.3
-46.25°	12.9	13.1	13.1	13.1	13.1	13.1	13.4	13.8	14.3	14.7	15.0
-47.5°	12.5	12.7	13.0	13.1	13.1	13.1	13.1	13.1	13.3	13.7	14.1
-48.75°	12.1	12.3	12.6	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1
-50°	11.7	11.9	12.1	12.4	12.6	12.8	13.0	13.1	13.1	13.1	13.1
-51.25°	11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.1
-52.5°	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4	12.6	12.8
-53.75°	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.8	12.0	12.1	12.3
-55°	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.6	11.8
-56.25°	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.8	11.0	11.1	11.3
-57.5°	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8
-58.75°	8.8	8.9	9.1	9.3	9.4	9.6	9.8	9.9	10.0	10.2	10.3
-60°	8.7	8.7	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.8
-61.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.1	9.2	9.3
-62.5°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8
-63.75°	8.1	8.3	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-65°	7.7	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.7	8.7
-66.25°	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
-67.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9
-68.75°	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4
-70°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.8	6.9	7.0
-71.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-72.5°	6.3	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-73.75°	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6
-75°	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.0	6.1
-76.25°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6
-77.5°	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	4.0	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6
-80°	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.1
-81.25°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6
-82.5°	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0
-83.75°	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
-85°	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
83.75°	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3
81.25°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
80°	4.1	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3
78.75°	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
77.5°	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.4
76.25°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0
75°	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5
73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
71.25°	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0
70°	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5
68.75°	7.5	7.6	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.0
67.5°	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
66.25°	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
63.75°	8.7	8.7	8.7	8.7	8.8	8.8	8.9	9.0	9.0	9.1	9.1
62.5°	8.9	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6
61.25°	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.0	10.1	10.1	10.2
60°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7	10.7
58.75°	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3
57.5°	10.9	11.0	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8
56.25°	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.4
55°	11.9	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9
53.75°	12.4	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.1	13.1	13.1
52.5°	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
51.25°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.4	13.6	13.7
50°	13.1	13.1	13.1	13.4	13.6	13.9	14.1	14.3	14.5	14.7	14.8
48.75°	13.5	13.8	14.1	14.4	14.7	14.9	15.1	15.4	15.7	15.9	16.2
47.5°	14.4	14.8	15.1	15.5	15.9	16.3	16.6	17.0	17.3	17.6	17.8
46.25°	15.5	16.0	16.5	17.0	17.4	17.8	18.2	18.6	19.1	19.7	20.2
45°	16.9	17.5	18.0	18.5	19.3	20.1	20.9	21.6	22.3	22.9	23.4
43.75°	18.4	19.2	20.3	21.3	22.3	23.1	24.0	24.7	25.6	26.6	27.5
42.5°	21.0	22.1	23.2	24.3	25.4	26.9	28.3	29.6	30.8	31.9	32.8
41.25°	23.8	25.0	26.8	28.6	30.3	31.9	33.4	34.8	36.1	37.8	39.2
40°	27.5	29.6	31.6	33.5	35.3	37.5	39.8	42.0	43.9	45.7	47.2
38.75°	32.2	34.4	36.7	39.6	42.4	45.0	47.5	49.7	51.7	54.3	57.1
37.5°	37.2	40.6	43.9	46.9	49.8	52.7	56.9	60.7	64.3	67.5	70.3
36.25°	44.1	47.6	51.0	55.4	60.4	65.1	69.5	73.5	77.2	81.1	85.8
35°	50.9	56.0	61.9	67.4	72.6	77.5	83.5	90.3	96.4	102.0	106.9



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	61.1	67.5	73.6	79.3	87.8	96.0	103.6	110.6	117.0	122.9	130.1
32.5°	72.2	78.9	88.4	98.0	107.1	115.6	123.6	134.2	143.9	152.7	160.6
31.25°	85.4	96.3	106.8	116.8	127.5	140.3	152.3	163.4	173.5	182.7	193.8
30°	102.7	114.1	125.7	140.7	154.9	168.3	180.8	196.2	214.0	230.1	244.5
28.75°	119.9	135.4	151.7	167.3	182.1	202.4	224.2	244.5	263.1	279.9	295.8
27.5°	142.7	160.4	177.4	198.3	224.1	248.4	271.2	292.4	318.4	342.1	366.8
26.25°	166.7	185.1	213.5	241.8	268.6	294.5	326.4	357.7	391.9	423.2	454.0
25°	192.6	224.5	255.2	284.5	319.3	356.2	397.8	438.4	478.0	516.1	552.5
23.75°	231.1	264.2	297.2	338.2	384.2	431.6	479.9	528.2	575.1	617.8	656.1
22.5°	268.7	306.6	351.3	404.5	459.2	514.5	571.4	624.5	673.6	722.1	765.8
21.25°	309.7	359.3	416.8	477.8	541.3	604.3	663.7	723.0	778.9	830.1	876.3
20°	359.3	421.0	487.2	557.6	626.5	693.6	760.9	824.2	883.0	939.5	993.9
18.75°	416.8	487.2	563.0	637.7	712.3	786.6	857.1	924.6	993.6	1057.2	1114.8
17.5°	477.8	557.6	637.7	718.5	799.5	877.1	955.2	1033.0	1105.8	1173.0	1239.2
16.25°	541.3	626.5	712.3	799.5	883.8	970.7	1057.0	1138.9	1219.0	1297.0	1368.2
15°	604.3	693.6	786.6	877.1	970.7	1065.1	1155.6	1247.5	1336.4	1419.2	1495.7
13.75°	663.7	760.9	857.1	955.2	1057.0	1155.6	1257.1	1356.4	1450.6	1539.1	1618.5
12.5°	723.0	824.2	924.6	1033.0	1138.9	1247.5	1356.4	1461.2	1560.7	1652.0	1732.8
11.25°	778.9	883.0	993.6	1105.8	1219.0	1336.4	1450.6	1560.7	1662.9	1755.6	1832.7
10°	830.1	939.5	1057.2	1173.0	1297.0	1419.2	1539.1	1652.0	1755.6	1843.5	1918.6
8.75°	876.3	993.9	1114.8	1239.2	1368.2	1495.7	1618.5	1732.8	1832.7	1918.6	1990.7
7.5°	917.4	1042.1	1165.9	1298.9	1432.0	1563.5	1688.0	1800.7	1898.0	1981.1	2052.1
6.25°	956.5	1083.7	1213.0	1350.7	1488.0	1621.9	1748.0	1857.9	1952.6	2033.2	2104.2
5°	989.1	1118.4	1253.5	1394.0	1534.9	1670.0	1794.1	1902.0	1994.7	2075.6	2147.4
3.75°	1014.7	1145.7	1285.5	1428.5	1571.1	1707.3	1830.2	1937.5	2027.9	2108.4	2179.9
2.5°	1033.2	1165.4	1308.6	1453.6	1597.4	1734.5	1856.3	1960.7	2051.0	2132.2	2204.1
1.25°	1044.4	1177.3	1322.6	1468.8	1613.4	1751.1	1870.8	1974.6	2065.1	2146.8	2218.4
0°	1048.1	1181.3	1327.3	1473.9	1618.8	1756.6	1875.6	1979.3	2069.9	2151.8	2223.1
-1.25°	1044.4	1177.3	1322.6	1468.8	1613.4	1751.1	1870.8	1974.6	2065.1	2146.8	2218.4
-2.5°	1033.2	1165.4	1308.6	1453.6	1597.4	1734.5	1856.3	1960.7	2051.0	2132.2	2204.1
-3.75°	1014.7	1145.7	1285.5	1428.5	1571.1	1707.3	1830.2	1937.5	2027.9	2108.4	2179.9
-5°	989.1	1118.4	1253.5	1394.0	1534.9	1670.0	1794.1	1902.0	1994.7	2075.6	2147.4
-6.25°	956.5	1083.7	1213.0	1350.7	1488.0	1621.9	1748.0	1857.9	1952.6	2033.2	2104.2
-7.5°	917.4	1042.1	1165.9	1298.9	1432.0	1563.5	1688.0	1800.7	1898.0	1981.1	2052.1
-8.75°	876.3	993.9	1114.8	1239.2	1368.2	1495.7	1618.5	1732.8	1832.7	1918.6	1990.7
-10°	830.1	939.5	1057.2	1173.0	1297.0	1419.2	1539.1	1652.0	1755.6	1843.5	1918.6
-11.25°	778.9	883.0	993.6	1105.8	1219.0	1336.4	1450.6	1560.7	1662.9	1755.6	1832.7
-12.5°	723.0	824.2	924.6	1033.0	1138.9	1247.5	1356.4	1461.2	1560.7	1652.0	1732.8
-13.75°	663.7	760.9	857.1	955.2	1057.0	1155.6	1257.1	1356.4	1450.6	1539.1	1618.5
-15°	604.3	693.6	786.6	877.1	970.7	1065.1	1155.6	1247.5	1336.4	1419.2	1495.7
-16.25°	541.3	626.5	712.3	799.5	883.8	970.7	1057.0	1138.9	1219.0	1297.0	1368.2
-17.5°	477.8	557.6	637.7	718.5	799.5	877.1	955.2	1033.0	1105.8	1173.0	1239.2
-18.75°	416.8	487.2	563.0	637.7	712.3	786.6	857.1	924.6	993.6	1057.2	1114.8
-20°	359.3	421.0	487.2	557.6	626.5	693.6	760.9	824.2	883.0	939.5	993.9
-21.25°	309.7	359.3	416.8	477.8	541.3	604.3	663.7	723.0	778.9	830.1	876.3



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	268.7	306.6	351.3	404.5	459.2	514.5	571.4	624.5	673.6	722.1	765.8
-23.75°	231.1	264.2	297.2	338.2	384.2	431.6	479.9	528.2	575.1	617.8	656.1
-25°	192.6	224.5	255.2	284.5	319.3	356.2	397.8	438.4	478.0	516.1	552.5
-26.25°	166.7	185.1	213.5	241.8	268.6	294.5	326.4	357.7	391.9	423.2	454.0
-27.5°	142.7	160.4	177.4	198.3	224.1	248.4	271.2	292.4	318.4	342.1	366.8
-28.75°	119.9	135.4	151.7	167.3	182.1	202.4	224.2	244.5	263.1	279.9	295.8
-30°	102.7	114.1	125.7	140.7	154.9	168.3	180.8	196.2	214.0	230.1	244.5
-31.25°	85.4	96.3	106.8	116.8	127.5	140.3	152.3	163.4	173.5	182.7	193.8
-32.5°	72.2	78.9	88.4	98.0	107.1	115.6	123.6	134.2	143.9	152.7	160.6
-33.75°	61.1	67.5	73.6	79.3	87.8	96.0	103.6	110.6	117.0	122.9	130.1
-35°	50.9	56.0	61.9	67.4	72.6	77.5	83.5	90.3	96.4	102.0	106.9
-36.25°	44.1	47.6	51.0	55.4	60.4	65.1	69.5	73.5	77.2	81.1	85.8
-37.5°	37.2	40.6	43.9	46.9	49.8	52.7	56.9	60.7	64.3	67.5	70.3
-38.75°	32.2	34.4	36.7	39.6	42.4	45.0	47.5	49.7	51.7	54.3	57.1
-40°	27.5	29.6	31.6	33.5	35.3	37.5	39.8	42.0	43.9	45.7	47.2
-41.25°	23.8	25.0	26.8	28.6	30.3	31.9	33.4	34.8	36.1	37.8	39.2
-42.5°	21.0	22.1	23.2	24.3	25.4	26.9	28.3	29.6	30.8	31.9	32.8
-43.75°	18.4	19.2	20.3	21.3	22.3	23.1	24.0	24.7	25.6	26.6	27.5
-45°	16.9	17.5	18.0	18.5	19.3	20.1	20.9	21.6	22.3	22.9	23.4
-46.25°	15.5	16.0	16.5	17.0	17.4	17.8	18.2	18.6	19.1	19.7	20.2
-47.5°	14.4	14.8	15.1	15.5	15.9	16.3	16.6	17.0	17.3	17.6	17.8
-48.75°	13.5	13.8	14.1	14.4	14.7	14.9	15.1	15.4	15.7	15.9	16.2
-50°	13.1	13.1	13.1	13.4	13.6	13.9	14.1	14.3	14.5	14.7	14.8
-51.25°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.4	13.6	13.7
-52.5°	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
-53.75°	12.4	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.1	13.1	13.1
-55°	11.9	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9
-56.25°	11.4	11.5	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.4
-57.5°	10.9	11.0	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8
-58.75°	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3
-60°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7	10.7
-61.25°	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.0	10.1	10.1	10.2
-62.5°	8.9	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6
-63.75°	8.7	8.7	8.7	8.7	8.8	8.8	8.9	9.0	9.0	9.1	9.1
-65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-66.25°	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-67.5°	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
-68.75°	7.5	7.6	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.0
-70°	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5
-71.25°	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0
-72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-75°	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5
-76.25°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0
-77.5°	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.4



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
-80°	4.1	4.1	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3
-81.25°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
-82.5°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3
-83.75°	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
-85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
-86.25°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
83.75°	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
81.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
78.75°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
77.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
76.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
75°	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
71.25°	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
68.75°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
67.5°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
63.75°	9.1	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
62.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
61.25°	10.2	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
60°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
58.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
57.5°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
56.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
55°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
53.75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
52.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
51.25°	13.9	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.1	14.0
50°	14.9	15.0	15.1	15.2	15.3	15.3	15.3	15.3	15.3	15.2	15.1
48.75°	16.4	16.6	16.7	16.8	16.9	16.9	17.0	16.9	16.9	16.8	16.7
47.5°	18.0	18.2	18.3	18.5	18.5	18.6	18.6	18.6	18.5	18.5	18.3
46.25°	20.6	21.0	21.3	21.5	21.7	21.8	21.9	21.8	21.7	21.5	21.3
45°	23.8	24.2	24.5	24.8	25.0	25.1	25.1	25.1	25.0	24.8	24.5
43.75°	28.3	29.0	29.6	30.0	30.3	30.5	30.6	30.5	30.3	30.0	29.6
42.5°	33.7	34.4	35.0	35.4	35.7	35.9	36.0	35.9	35.7	35.4	35.0
41.25°	40.6	41.7	42.6	43.3	43.8	44.1	44.2	44.1	43.8	43.3	42.6
40°	48.6	49.7	50.7	51.4	52.0	52.3	52.4	52.3	52.0	51.4	50.7
38.75°	59.4	61.4	63.1	64.4	65.3	65.9	66.1	65.9	65.3	64.4	63.1
37.5°	72.8	74.9	76.6	78.0	78.9	79.5	79.7	79.5	78.9	78.0	76.6
36.25°	90.0	93.5	96.4	98.6	100.3	101.2	101.6	101.2	100.3	98.6	96.4
35°	111.3	114.9	118.0	120.3	122.0	123.1	123.4	123.1	122.0	120.3	118.0



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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°	136.6	142.2	146.8	150.4	153.0	154.5	155.1	154.5	153.0	150.4	146.8
32.5°	167.4	173.3	178.1	181.8	184.5	186.2	186.7	186.2	184.5	181.8	178.1
31.25°	205.8	216.1	224.5	231.1	235.8	238.7	239.7	238.7	235.8	231.1	224.5
30°	257.1	267.8	276.7	283.6	288.6	291.6	292.6	291.6	288.6	283.6	276.7
28.75°	313.6	328.7	341.2	351.3	360.1	365.4	367.1	365.4	360.1	351.3	341.2
27.5°	390.0	409.9	426.9	441.2	451.4	457.5	459.6	457.5	451.4	441.2	426.9
26.25°	481.0	504.9	526.4	543.4	555.5	562.8	565.3	562.8	555.5	543.4	526.4
25°	584.6	612.1	634.8	652.7	665.5	673.2	675.8	673.2	665.5	652.7	634.8
23.75°	691.1	722.4	748.4	768.8	783.5	792.4	795.4	792.4	783.5	768.8	748.4
22.5°	804.4	837.6	865.1	886.7	902.3	911.8	914.9	911.8	902.3	886.7	865.1
21.25°	917.4	956.5	989.1	1014.7	1033.2	1044.4	1048.1	1044.4	1033.2	1014.7	989.1
20°	1042.1	1083.7	1118.4	1145.7	1165.4	1177.3	1181.3	1177.3	1165.4	1145.7	1118.4
18.75°	1165.9	1213.0	1253.5	1285.5	1308.6	1322.6	1327.3	1322.6	1308.6	1285.5	1253.5
17.5°	1298.9	1350.7	1394.0	1428.5	1453.6	1468.8	1473.9	1468.8	1453.6	1428.5	1394.0
16.25°	1432.0	1488.0	1534.9	1571.1	1597.4	1613.4	1618.8	1613.4	1597.4	1571.1	1534.9
15°	1563.5	1621.9	1670.0	1707.3	1734.5	1751.1	1756.6	1751.1	1734.5	1707.3	1670.0
13.75°	1688.0	1748.0	1794.1	1830.2	1856.3	1870.8	1875.6	1870.8	1856.3	1830.2	1794.1
12.5°	1800.7	1857.9	1902.0	1937.5	1960.7	1974.6	1979.3	1974.6	1960.7	1937.5	1902.0
11.25°	1898.0	1952.6	1994.7	2027.9	2051.0	2065.1	2069.9	2065.1	2051.0	2027.9	1994.7
10°	1981.1	2033.2	2075.6	2108.4	2132.2	2146.8	2151.8	2146.8	2132.2	2108.4	2075.6
8.75°	2052.1	2104.2	2147.4	2179.9	2204.1	2218.4	2223.1	2218.4	2204.1	2179.9	2147.4
7.5°	2113.7	2166.2	2209.4	2242.8	2267.3	2280.1	2284.5	2280.1	2267.3	2242.8	2209.4
6.25°	2166.2	2218.8	2263.3	2293.7	2313.2	2322.8	2326.2	2322.8	2313.2	2293.7	2263.3
5°	2209.4	2263.3	2303.0	2326.3	2338.4	2344.1	2346.1	2344.1	2338.4	2326.3	2303.0
3.75°	2242.8	2293.7	2326.3	2342.2	2346.6	2346.9	2345.6	2346.9	2346.6	2342.2	2326.3
2.5°	2267.3	2313.2	2338.4	2346.6	2344.2	2339.6	2338.0	2339.6	2344.2	2346.6	2338.4
1.25°	2280.1	2322.8	2344.1	2346.9	2339.6	2335.7	2336.9	2335.7	2339.6	2346.9	2344.1
0°	2284.5	2326.2	2346.1	2345.6	2338.0	2336.9	2342.9	2336.9	2338.0	2345.6	2346.1
-1.25°	2280.1	2322.8	2344.1	2346.9	2339.6	2335.7	2336.9	2335.7	2339.6	2346.9	2344.1
-2.5°	2267.3	2313.2	2338.4	2346.6	2344.2	2339.6	2338.0	2339.6	2344.2	2346.6	2338.4
-3.75°	2242.8	2293.7	2326.3	2342.2	2346.6	2346.9	2345.6	2346.9	2346.6	2342.2	2326.3
-5°	2209.4	2263.3	2303.0	2326.3	2338.4	2344.1	2346.1	2344.1	2338.4	2326.3	2303.0
-6.25°	2166.2	2218.8	2263.3	2293.7	2313.2	2322.8	2326.2	2322.8	2313.2	2293.7	2263.3
-7.5°	2113.7	2166.2	2209.4	2242.8	2267.3	2280.1	2284.5	2280.1	2267.3	2242.8	2209.4
-8.75°	2052.1	2104.2	2147.4	2179.9	2204.1	2218.4	2223.1	2218.4	2204.1	2179.9	2147.4
-10°	1981.1	2033.2	2075.6	2108.4	2132.2	2146.8	2151.8	2146.8	2132.2	2108.4	2075.6
-11.25°	1898.0	1952.6	1994.7	2027.9	2051.0	2065.1	2069.9	2065.1	2051.0	2027.9	1994.7
-12.5°	1800.7	1857.9	1902.0	1937.5	1960.7	1974.6	1979.3	1974.6	1960.7	1937.5	1902.0
-13.75°	1688.0	1748.0	1794.1	1830.2	1856.3	1870.8	1875.6	1870.8	1856.3	1830.2	1794.1
-15°	1563.5	1621.9	1670.0	1707.3	1734.5	1751.1	1756.6	1751.1	1734.5	1707.3	1670.0
-16.25°	1432.0	1488.0	1534.9	1571.1	1597.4	1613.4	1618.8	1613.4	1597.4	1571.1	1534.9
-17.5°	1298.9	1350.7	1394.0	1428.5	1453.6	1468.8	1473.9	1468.8	1453.6	1428.5	1394.0
-18.75°	1165.9	1213.0	1253.5	1285.5	1308.6	1322.6	1327.3	1322.6	1308.6	1285.5	1253.5
-20°	1042.1	1083.7	1118.4	1145.7	1165.4	1177.3	1181.3	1177.3	1165.4	1145.7	1118.4
-21.25°	917.4	956.5	989.1	1014.7	1033.2	1044.4	1048.1	1044.4	1033.2	1014.7	989.1



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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°
-22.5°	804.4	837.6	865.1	886.7	902.3	911.8	914.9	911.8	902.3	886.7	865.1
-23.75°	691.1	722.4	748.4	768.8	783.5	792.4	795.4	792.4	783.5	768.8	748.4
-25°	584.6	612.1	634.8	652.7	665.5	673.2	675.8	673.2	665.5	652.7	634.8
-26.25°	481.0	504.9	526.4	543.4	555.5	562.8	565.3	562.8	555.5	543.4	526.4
-27.5°	390.0	409.9	426.9	441.2	451.4	457.5	459.6	457.5	451.4	441.2	426.9
-28.75°	313.6	328.7	341.2	351.3	360.1	365.4	367.1	365.4	360.1	351.3	341.2
-30°	257.1	267.8	276.7	283.6	288.6	291.6	292.6	291.6	288.6	283.6	276.7
-31.25°	205.8	216.1	224.5	231.1	235.8	238.7	239.7	238.7	235.8	231.1	224.5
-32.5°	167.4	173.3	178.1	181.8	184.5	186.2	186.7	186.2	184.5	181.8	178.1
-33.75°	136.6	142.2	146.8	150.4	153.0	154.5	155.1	154.5	153.0	150.4	146.8
-35°	111.3	114.9	118.0	120.3	122.0	123.1	123.4	123.1	122.0	120.3	118.0
-36.25°	90.0	93.5	96.4	98.6	100.3	101.2	101.6	101.2	100.3	98.6	96.4
-37.5°	72.8	74.9	76.6	78.0	78.9	79.5	79.7	79.5	78.9	78.0	76.6
-38.75°	59.4	61.4	63.1	64.4	65.3	65.9	66.1	65.9	65.3	64.4	63.1
-40°	48.6	49.7	50.7	51.4	52.0	52.3	52.4	52.3	52.0	51.4	50.7
-41.25°	40.6	41.7	42.6	43.3	43.8	44.1	44.2	44.1	43.8	43.3	42.6
-42.5°	33.7	34.4	35.0	35.4	35.7	35.9	36.0	35.9	35.7	35.4	35.0
-43.75°	28.3	29.0	29.6	30.0	30.3	30.5	30.6	30.5	30.3	30.0	29.6
-45°	23.8	24.2	24.5	24.8	25.0	25.1	25.1	25.1	25.0	24.8	24.5
-46.25°	20.6	21.0	21.3	21.5	21.7	21.8	21.9	21.8	21.7	21.5	21.3
-47.5°	18.0	18.2	18.3	18.5	18.5	18.6	18.6	18.6	18.5	18.5	18.3
-48.75°	16.4	16.6	16.7	16.8	16.9	16.9	17.0	16.9	16.9	16.8	16.7
-50°	14.9	15.0	15.1	15.2	15.3	15.3	15.3	15.3	15.3	15.2	15.1
-51.25°	13.9	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.1	14.0
-52.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
-53.75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
-55°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-56.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
-57.5°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
-58.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
-60°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
-61.25°	10.2	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
-62.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-63.75°	9.1	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
-65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-67.5°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-68.75°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
-70°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-71.25°	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
-72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-75°	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
-77.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
-80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
-81.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
-82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-83.75°	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7
-85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
83.75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
82.5°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
81.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6
80°	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2
78.75°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7
77.5°	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2
76.25°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7
75°	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2
73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
71.25°	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
70°	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2
68.75°	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.6
67.5°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1
66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
63.75°	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.7
62.5°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.1
61.25°	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.7	9.6
60°	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1
58.75°	11.4	11.3	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.6
57.5°	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3	11.2
56.25°	12.5	12.4	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.7
55°	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.2
53.75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7
52.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
51.25°	14.0	13.9	13.7	13.6	13.4	13.2	13.1	13.1	13.1	13.1	13.1
50°	15.0	14.9	14.8	14.7	14.5	14.3	14.1	13.9	13.6	13.4	13.1
48.75°	16.6	16.4	16.2	15.9	15.7	15.4	15.1	14.9	14.7	14.4	14.1
47.5°	18.2	18.0	17.8	17.6	17.3	17.0	16.6	16.3	15.9	15.5	15.1
46.25°	21.0	20.6	20.2	19.7	19.1	18.6	18.2	17.8	17.4	17.0	16.5
45°	24.2	23.8	23.4	22.9	22.3	21.6	20.9	20.1	19.3	18.5	18.0
43.75°	29.0	28.3	27.5	26.6	25.6	24.7	24.0	23.1	22.3	21.3	20.3
42.5°	34.4	33.7	32.8	31.9	30.8	29.6	28.3	26.9	25.4	24.3	23.2
41.25°	41.7	40.6	39.2	37.8	36.1	34.8	33.4	31.9	30.3	28.6	26.8
40°	49.7	48.6	47.2	45.7	43.9	42.0	39.8	37.5	35.3	33.5	31.6
38.75°	61.4	59.4	57.1	54.3	51.7	49.7	47.5	45.0	42.4	39.6	36.7
37.5°	74.9	72.8	70.3	67.5	64.3	60.7	56.9	52.7	49.8	46.9	43.9
36.25°	93.5	90.0	85.8	81.1	77.2	73.5	69.5	65.1	60.4	55.4	51.0
35°	114.9	111.3	106.9	102.0	96.4	90.3	83.5	77.5	72.6	67.4	61.9

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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°	142.2	136.6	130.1	122.9	117.0	110.6	103.6	96.0	87.8	79.3	73.6
32.5°	173.3	167.4	160.6	152.7	143.9	134.2	123.6	115.6	107.1	98.0	88.4
31.25°	216.1	205.8	193.8	182.7	173.5	163.4	152.3	140.3	127.5	116.8	106.8
30°	267.8	257.1	244.5	230.1	214.0	196.2	180.8	168.3	154.9	140.7	125.7
28.75°	328.7	313.6	295.8	279.9	263.1	244.5	224.2	202.4	182.1	167.3	151.7
27.5°	409.9	390.0	366.8	342.1	318.4	292.4	271.2	248.4	224.1	198.3	177.4
26.25°	504.9	481.0	454.0	423.2	391.9	357.7	326.4	294.5	268.6	241.8	213.5
25°	612.1	584.6	552.5	516.1	478.0	438.4	397.8	356.2	319.3	284.5	255.2
23.75°	722.4	691.1	656.1	617.8	575.1	528.2	479.9	431.6	384.2	338.2	297.2
22.5°	837.6	804.4	765.8	722.1	673.6	624.5	571.4	514.5	459.2	404.5	351.3
21.25°	956.5	917.4	876.3	830.1	778.9	723.0	663.7	604.3	541.3	477.8	416.8
20°	1083.7	1042.1	993.9	939.5	883.0	824.2	760.9	693.6	626.5	557.6	487.2
18.75°	1213.0	1165.9	1114.8	1057.2	993.6	924.6	857.1	786.6	712.3	637.7	563.0
17.5°	1350.7	1298.9	1239.2	1173.0	1105.8	1033.0	955.2	877.1	799.5	718.5	637.7
16.25°	1488.0	1432.0	1368.2	1297.0	1219.0	1138.9	1057.0	970.7	883.8	799.5	712.3
15°	1621.9	1563.5	1495.7	1419.2	1336.4	1247.5	1155.6	1065.1	970.7	877.1	786.6
13.75°	1748.0	1688.0	1618.5	1539.1	1450.6	1356.4	1257.1	1155.6	1057.0	955.2	857.1
12.5°	1857.9	1800.7	1732.8	1652.0	1560.7	1461.2	1356.4	1247.5	1138.9	1033.0	924.6
11.25°	1952.6	1898.0	1832.7	1755.6	1662.9	1560.7	1450.6	1336.4	1219.0	1105.8	993.6
10°	2033.2	1981.1	1918.6	1843.5	1755.6	1652.0	1539.1	1419.2	1297.0	1173.0	1057.2
8.75°	2104.2	2052.1	1990.7	1918.6	1832.7	1732.8	1618.5	1495.7	1368.2	1239.2	1114.8
7.5°	2166.2	2113.7	2052.1	1981.1	1898.0	1800.7	1688.0	1563.5	1432.0	1298.9	1165.9
6.25°	2218.8	2166.2	2104.2	2033.2	1952.6	1857.9	1748.0	1621.9	1488.0	1350.7	1213.0
5°	2263.3	2209.4	2147.4	2075.6	1994.7	1902.0	1794.1	1670.0	1534.9	1394.0	1253.5
3.75°	2293.7	2242.8	2179.9	2108.4	2027.9	1937.5	1830.2	1707.3	1571.1	1428.5	1285.5
2.5°	2313.2	2267.3	2204.1	2132.2	2051.0	1960.7	1856.3	1734.5	1597.4	1453.6	1308.6
1.25°	2322.8	2280.1	2218.4	2146.8	2065.1	1974.6	1870.8	1751.1	1613.4	1468.8	1322.6
0°	2326.2	2284.5	2223.1	2151.8	2069.9	1979.3	1875.6	1756.6	1618.8	1473.9	1327.3
-1.25°	2322.8	2280.1	2218.4	2146.8	2065.1	1974.6	1870.8	1751.1	1613.4	1468.8	1322.6
-2.5°	2313.2	2267.3	2204.1	2132.2	2051.0	1960.7	1856.3	1734.5	1597.4	1453.6	1308.6
-3.75°	2293.7	2242.8	2179.9	2108.4	2027.9	1937.5	1830.2	1707.3	1571.1	1428.5	1285.5
-5°	2263.3	2209.4	2147.4	2075.6	1994.7	1902.0	1794.1	1670.0	1534.9	1394.0	1253.5
-6.25°	2218.8	2166.2	2104.2	2033.2	1952.6	1857.9	1748.0	1621.9	1488.0	1350.7	1213.0
-7.5°	2166.2	2113.7	2052.1	1981.1	1898.0	1800.7	1688.0	1563.5	1432.0	1298.9	1165.9
-8.75°	2104.2	2052.1	1990.7	1918.6	1832.7	1732.8	1618.5	1495.7	1368.2	1239.2	1114.8
-10°	2033.2	1981.1	1918.6	1843.5	1755.6	1652.0	1539.1	1419.2	1297.0	1173.0	1057.2
-11.25°	1952.6	1898.0	1832.7	1755.6	1662.9	1560.7	1450.6	1336.4	1219.0	1105.8	993.6
-12.5°	1857.9	1800.7	1732.8	1652.0	1560.7	1461.2	1356.4	1247.5	1138.9	1033.0	924.6
-13.75°	1748.0	1688.0	1618.5	1539.1	1450.6	1356.4	1257.1	1155.6	1057.0	955.2	857.1
-15°	1621.9	1563.5	1495.7	1419.2	1336.4	1247.5	1155.6	1065.1	970.7	877.1	786.6
-16.25°	1488.0	1432.0	1368.2	1297.0	1219.0	1138.9	1057.0	970.7	883.8	799.5	712.3
-17.5°	1350.7	1298.9	1239.2	1173.0	1105.8	1033.0	955.2	877.1	799.5	718.5	637.7
-18.75°	1213.0	1165.9	1114.8	1057.2	993.6	924.6	857.1	786.6	712.3	637.7	563.0
-20°	1083.7	1042.1	993.9	939.5	883.0	824.2	760.9	693.6	626.5	557.6	487.2
-21.25°	956.5	917.4	876.3	830.1	778.9	723.0	663.7	604.3	541.3	477.8	416.8



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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°
-22.5°	837.6	804.4	765.8	722.1	673.6	624.5	571.4	514.5	459.2	404.5	351.3
-23.75°	722.4	691.1	656.1	617.8	575.1	528.2	479.9	431.6	384.2	338.2	297.2
-25°	612.1	584.6	552.5	516.1	478.0	438.4	397.8	356.2	319.3	284.5	255.2
-26.25°	504.9	481.0	454.0	423.2	391.9	357.7	326.4	294.5	268.6	241.8	213.5
-27.5°	409.9	390.0	366.8	342.1	318.4	292.4	271.2	248.4	224.1	198.3	177.4
-28.75°	328.7	313.6	295.8	279.9	263.1	244.5	224.2	202.4	182.1	167.3	151.7
-30°	267.8	257.1	244.5	230.1	214.0	196.2	180.8	168.3	154.9	140.7	125.7
-31.25°	216.1	205.8	193.8	182.7	173.5	163.4	152.3	140.3	127.5	116.8	106.8
-32.5°	173.3	167.4	160.6	152.7	143.9	134.2	123.6	115.6	107.1	98.0	88.4
-33.75°	142.2	136.6	130.1	122.9	117.0	110.6	103.6	96.0	87.8	79.3	73.6
-35°	114.9	111.3	106.9	102.0	96.4	90.3	83.5	77.5	72.6	67.4	61.9
-36.25°	93.5	90.0	85.8	81.1	77.2	73.5	69.5	65.1	60.4	55.4	51.0
-37.5°	74.9	72.8	70.3	67.5	64.3	60.7	56.9	52.7	49.8	46.9	43.9
-38.75°	61.4	59.4	57.1	54.3	51.7	49.7	47.5	45.0	42.4	39.6	36.7
-40°	49.7	48.6	47.2	45.7	43.9	42.0	39.8	37.5	35.3	33.5	31.6
-41.25°	41.7	40.6	39.2	37.8	36.1	34.8	33.4	31.9	30.3	28.6	26.8
-42.5°	34.4	33.7	32.8	31.9	30.8	29.6	28.3	26.9	25.4	24.3	23.2
-43.75°	29.0	28.3	27.5	26.6	25.6	24.7	24.0	23.1	22.3	21.3	20.3
-45°	24.2	23.8	23.4	22.9	22.3	21.6	20.9	20.1	19.3	18.5	18.0
-46.25°	21.0	20.6	20.2	19.7	19.1	18.6	18.2	17.8	17.4	17.0	16.5
-47.5°	18.2	18.0	17.8	17.6	17.3	17.0	16.6	16.3	15.9	15.5	15.1
-48.75°	16.6	16.4	16.2	15.9	15.7	15.4	15.1	14.9	14.7	14.4	14.1
-50°	15.0	14.9	14.8	14.7	14.5	14.3	14.1	13.9	13.6	13.4	13.1
-51.25°	14.0	13.9	13.7	13.6	13.4	13.2	13.1	13.1	13.1	13.1	13.1
-52.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
-53.75°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7
-55°	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3	12.2
-56.25°	12.5	12.4	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.7
-57.5°	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3	11.2
-58.75°	11.4	11.3	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.6
-60°	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1
-61.25°	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.7	9.6
-62.5°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.1
-63.75°	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.8	8.7	8.7
-65°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-67.5°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1
-68.75°	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.6
-70°	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2
-71.25°	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7
-72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-73.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-75°	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2
-76.25°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7
-77.5°	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°
-78.75°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7
-80°	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2
-81.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6
-82.5°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
-83.75°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
-85°	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
-86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
86.25°	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
85°	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
83.75°	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3
82.5°	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
81.25°	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2
80°	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.7
78.75°	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2
77.5°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6
76.25°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1
75°	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.5
73.75°	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0
72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5
71.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
70°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.6	6.6	6.6
68.75°	7.6	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7
67.5°	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1
66.25°	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5
65°	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.2	8.1	8.0
63.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4
62.5°	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
61.25°	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.7	8.7	8.7	8.7
60°	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.1	9.0	8.8	8.7
58.75°	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.4	9.3	9.1
57.5°	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.6
56.25°	11.5	11.4	11.3	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.0
55°	12.1	11.9	11.8	11.6	11.5	11.3	11.2	11.0	10.8	10.6	10.4
53.75°	12.6	12.4	12.3	12.1	12.0	11.8	11.6	11.4	11.3	11.1	10.9
52.5°	13.1	12.9	12.8	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3
51.25°	13.1	13.1	13.1	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.7
50°	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.8	12.6	12.4	12.1
48.75°	13.8	13.5	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.8	12.6
47.5°	14.8	14.4	14.1	13.7	13.3	13.1	13.1	13.1	13.1	13.1	13.0
46.25°	16.0	15.5	15.0	14.7	14.3	13.8	13.4	13.1	13.1	13.1	13.1
45°	17.5	16.9	16.3	15.7	15.2	14.7	14.3	13.8	13.3	13.1	13.1
43.75°	19.2	18.4	17.8	17.1	16.5	15.8	15.2	14.7	14.2	13.7	13.1
42.5°	22.1	21.0	19.7	18.5	17.8	17.1	16.4	15.7	15.0	14.5	13.9
41.25°	25.0	23.8	22.5	21.2	19.8	18.5	17.7	16.9	16.1	15.3	14.7
40°	29.6	27.5	25.3	23.9	22.4	20.9	19.4	18.2	17.4	16.5	15.6
38.75°	34.4	32.2	29.9	27.5	25.0	23.5	21.9	20.3	18.6	17.7	16.8
37.5°	40.6	37.2	34.4	31.9	29.3	26.7	24.4	22.7	20.9	19.1	17.9
36.25°	47.6	44.1	40.4	36.5	33.6	30.9	28.0	25.1	23.3	21.4	19.5
35°	56.0	50.9	47.0	43.0	38.9	35.0	32.1	29.0	25.9	23.7	21.7



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	67.5	61.1	54.5	49.5	45.2	40.7	36.1	32.9	29.7	26.4	23.9
32.5°	78.9	72.2	65.4	58.2	51.4	46.8	42.1	37.2	33.5	30.1	26.6
31.25°	96.3	85.4	76.1	68.7	61.0	53.1	47.9	42.9	37.7	33.6	30.1
30°	114.1	102.7	90.9	79.0	71.1	62.9	54.5	48.5	43.2	37.7	33.5
28.75°	135.4	119.9	107.6	94.9	81.7	72.5	63.8	54.9	48.5	42.9	37.2
27.5°	160.4	142.7	124.3	110.8	97.3	83.3	73.0	63.8	54.5	47.9	42.1
26.25°	185.1	166.7	147.6	127.9	112.5	98.1	83.3	72.5	62.9	53.1	46.8
25°	224.5	192.6	170.4	150.1	129.1	112.5	97.3	81.7	71.1	61.0	51.4
23.75°	264.2	231.1	196.9	171.7	150.1	127.9	110.8	94.9	79.0	68.7	58.2
22.5°	306.6	268.7	233.3	196.9	170.4	147.6	124.3	107.6	90.9	76.1	65.4
21.25°	359.3	309.7	268.7	231.1	192.6	166.7	142.7	119.9	102.7	85.4	72.2
20°	421.0	359.3	306.6	264.2	224.5	185.1	160.4	135.4	114.1	96.3	78.9
18.75°	487.2	416.8	351.3	297.2	255.2	213.5	177.4	151.7	125.7	106.8	88.4
17.5°	557.6	477.8	404.5	338.2	284.5	241.8	198.3	167.3	140.7	116.8	98.0
16.25°	626.5	541.3	459.2	384.2	319.3	268.6	224.1	182.1	154.9	127.5	107.1
15°	693.6	604.3	514.5	431.6	356.2	294.5	248.4	202.4	168.3	140.3	115.6
13.75°	760.9	663.7	571.4	479.9	397.8	326.4	271.2	224.2	180.8	152.3	123.6
12.5°	824.2	723.0	624.5	528.2	438.4	357.7	292.4	244.5	196.2	163.4	134.2
11.25°	883.0	778.9	673.6	575.1	478.0	391.9	318.4	263.1	214.0	173.5	143.9
10°	939.5	830.1	722.1	617.8	516.1	423.2	342.1	279.9	230.1	182.7	152.7
8.75°	993.9	876.3	765.8	656.1	552.5	454.0	366.8	295.8	244.5	193.8	160.6
7.5°	1042.1	917.4	804.4	691.1	584.6	481.0	390.0	313.6	257.1	205.8	167.4
6.25°	1083.7	956.5	837.6	722.4	612.1	504.9	409.9	328.7	267.8	216.1	173.3
5°	1118.4	989.1	865.1	748.4	634.8	526.4	426.9	341.2	276.7	224.5	178.1
3.75°	1145.7	1014.7	886.7	768.8	652.7	543.4	441.2	351.3	283.6	231.1	181.8
2.5°	1165.4	1033.2	902.3	783.5	665.5	555.5	451.4	360.1	288.6	235.8	184.5
1.25°	1177.3	1044.4	911.8	792.4	673.2	562.8	457.5	365.4	291.6	238.7	186.2
0°	1181.3	1048.1	914.9	795.4	675.8	565.3	459.6	367.1	292.6	239.7	186.7
-1.25°	1177.3	1044.4	911.8	792.4	673.2	562.8	457.5	365.4	291.6	238.7	186.2
-2.5°	1165.4	1033.2	902.3	783.5	665.5	555.5	451.4	360.1	288.6	235.8	184.5
-3.75°	1145.7	1014.7	886.7	768.8	652.7	543.4	441.2	351.3	283.6	231.1	181.8
-5°	1118.4	989.1	865.1	748.4	634.8	526.4	426.9	341.2	276.7	224.5	178.1
-6.25°	1083.7	956.5	837.6	722.4	612.1	504.9	409.9	328.7	267.8	216.1	173.3
-7.5°	1042.1	917.4	804.4	691.1	584.6	481.0	390.0	313.6	257.1	205.8	167.4
-8.75°	993.9	876.3	765.8	656.1	552.5	454.0	366.8	295.8	244.5	193.8	160.6
-10°	939.5	830.1	722.1	617.8	516.1	423.2	342.1	279.9	230.1	182.7	152.7
-11.25°	883.0	778.9	673.6	575.1	478.0	391.9	318.4	263.1	214.0	173.5	143.9
-12.5°	824.2	723.0	624.5	528.2	438.4	357.7	292.4	244.5	196.2	163.4	134.2
-13.75°	760.9	663.7	571.4	479.9	397.8	326.4	271.2	224.2	180.8	152.3	123.6
-15°	693.6	604.3	514.5	431.6	356.2	294.5	248.4	202.4	168.3	140.3	115.6
-16.25°	626.5	541.3	459.2	384.2	319.3	268.6	224.1	182.1	154.9	127.5	107.1
-17.5°	557.6	477.8	404.5	338.2	284.5	241.8	198.3	167.3	140.7	116.8	98.0
-18.75°	487.2	416.8	351.3	297.2	255.2	213.5	177.4	151.7	125.7	106.8	88.4
-20°	421.0	359.3	306.6	264.2	224.5	185.1	160.4	135.4	114.1	96.3	78.9
-21.25°	359.3	309.7	268.7	231.1	192.6	166.7	142.7	119.9	102.7	85.4	72.2



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	306.6	268.7	233.3	196.9	170.4	147.6	124.3	107.6	90.9	76.1	65.4
-23.75°	264.2	231.1	196.9	171.7	150.1	127.9	110.8	94.9	79.0	68.7	58.2
-25°	224.5	192.6	170.4	150.1	129.1	112.5	97.3	81.7	71.1	61.0	51.4
-26.25°	185.1	166.7	147.6	127.9	112.5	98.1	83.3	72.5	62.9	53.1	46.8
-27.5°	160.4	142.7	124.3	110.8	97.3	83.3	73.0	63.8	54.5	47.9	42.1
-28.75°	135.4	119.9	107.6	94.9	81.7	72.5	63.8	54.9	48.5	42.9	37.2
-30°	114.1	102.7	90.9	79.0	71.1	62.9	54.5	48.5	43.2	37.7	33.5
-31.25°	96.3	85.4	76.1	68.7	61.0	53.1	47.9	42.9	37.7	33.6	30.1
-32.5°	78.9	72.2	65.4	58.2	51.4	46.8	42.1	37.2	33.5	30.1	26.6
-33.75°	67.5	61.1	54.5	49.5	45.2	40.7	36.1	32.9	29.7	26.4	23.9
-35°	56.0	50.9	47.0	43.0	38.9	35.0	32.1	29.0	25.9	23.7	21.7
-36.25°	47.6	44.1	40.4	36.5	33.6	30.9	28.0	25.1	23.3	21.4	19.5
-37.5°	40.6	37.2	34.4	31.9	29.3	26.7	24.4	22.7	20.9	19.1	17.9
-38.75°	34.4	32.2	29.9	27.5	25.0	23.5	21.9	20.3	18.6	17.7	16.8
-40°	29.6	27.5	25.3	23.9	22.4	20.9	19.4	18.2	17.4	16.5	15.6
-41.25°	25.0	23.8	22.5	21.2	19.8	18.5	17.7	16.9	16.1	15.3	14.7
-42.5°	22.1	21.0	19.7	18.5	17.8	17.1	16.4	15.7	15.0	14.5	13.9
-43.75°	19.2	18.4	17.8	17.1	16.5	15.8	15.2	14.7	14.2	13.7	13.1
-45°	17.5	16.9	16.3	15.7	15.2	14.7	14.3	13.8	13.3	13.1	13.1
-46.25°	16.0	15.5	15.0	14.7	14.3	13.8	13.4	13.1	13.1	13.1	13.1
-47.5°	14.8	14.4	14.1	13.7	13.3	13.1	13.1	13.1	13.1	13.1	13.0
-48.75°	13.8	13.5	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.8	12.6
-50°	13.1	13.1	13.1	13.1	13.1	13.1	13.0	12.8	12.6	12.4	12.1
-51.25°	13.1	13.1	13.1	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.7
-52.5°	13.1	12.9	12.8	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3
-53.75°	12.6	12.4	12.3	12.1	12.0	11.8	11.6	11.4	11.3	11.1	10.9
-55°	12.1	11.9	11.8	11.6	11.5	11.3	11.2	11.0	10.8	10.6	10.4
-56.25°	11.5	11.4	11.3	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.0
-57.5°	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.6
-58.75°	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.4	9.3	9.1
-60°	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.1	9.0	8.8	8.7
-61.25°	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.7	8.7	8.7	8.7
-62.5°	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-63.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4
-65°	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.2	8.1	8.0
-66.25°	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5
-67.5°	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1
-68.75°	7.6	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7
-70°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.6	6.6	6.6
-71.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5
-73.75°	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0
-75°	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.5
-76.25°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1
-77.5°	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2
-80°	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.7
-81.25°	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2
-82.5°	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8
-83.75°	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3
-85°	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
-86.25°	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
85°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
83.75°	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9
82.5°	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3
81.25°	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7
80°	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0
78.75°	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4
77.5°	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8
76.25°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2
75°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
73.75°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
72.5°	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.3
71.25°	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.0	5.9	5.8	5.7
70°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.3	6.2	6.0
68.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.4
67.5°	7.0	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6
66.25°	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.6	6.6	6.6
65°	7.9	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.6
63.75°	8.3	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7
62.5°	8.7	8.6	8.4	8.3	8.1	7.9	7.7	7.6	7.4	7.2	7.0
61.25°	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.4
60°	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7
58.75°	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1
57.5°	9.4	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.6	8.4
56.25°	9.8	9.6	9.4	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7
55°	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.7	8.7	8.7
53.75°	10.7	10.4	10.2	10.0	9.8	9.6	9.3	9.1	8.8	8.7	8.7
52.5°	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.4	9.2	8.9	8.7
51.25°	11.5	11.3	11.0	10.8	10.6	10.3	10.1	9.8	9.5	9.3	9.0
50°	11.9	11.7	11.4	11.2	10.9	10.7	10.4	10.1	9.9	9.6	9.3
48.75°	12.3	12.1	11.8	11.6	11.3	11.0	10.8	10.5	10.2	9.9	9.6
47.5°	12.7	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.6	10.3	10.0
46.25°	13.1	12.9	12.6	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.3
45°	13.1	13.1	13.0	12.7	12.4	12.1	11.8	11.5	11.2	10.9	10.6
43.75°	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.9	11.5	11.2	10.9
42.5°	13.4	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.9	11.5	11.2
41.25°	14.1	13.6	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.8	11.5
40°	14.9	14.3	13.7	13.1	13.1	13.1	13.1	12.8	12.5	12.1	11.8
38.75°	15.9	15.0	14.4	13.7	13.1	13.1	13.1	13.1	12.8	12.4	12.1
37.5°	17.0	16.0	15.1	14.4	13.7	13.1	13.1	13.1	13.1	12.7	12.3
36.25°	18.1	17.1	16.1	15.1	14.4	13.7	13.1	13.1	13.1	13.0	12.6
35°	19.7	18.1	17.1	16.0	15.0	14.3	13.6	13.1	13.1	13.1	12.9



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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°	21.8	19.7	18.1	17.0	15.9	14.9	14.1	13.4	13.1	13.1	13.1
32.5°	23.9	21.7	19.5	17.9	16.8	15.6	14.7	13.9	13.1	13.1	13.1
31.25°	26.4	23.7	21.4	19.1	17.7	16.5	15.3	14.5	13.7	13.1	13.1
30°	29.7	25.9	23.3	20.9	18.6	17.4	16.1	15.0	14.2	13.3	13.1
28.75°	32.9	29.0	25.1	22.7	20.3	18.2	16.9	15.7	14.7	13.8	13.1
27.5°	36.1	32.1	28.0	24.4	21.9	19.4	17.7	16.4	15.2	14.3	13.4
26.25°	40.7	35.0	30.9	26.7	23.5	20.9	18.5	17.1	15.8	14.7	13.8
25°	45.2	38.9	33.6	29.3	25.0	22.4	19.8	17.8	16.5	15.2	14.3
23.75°	49.5	43.0	36.5	31.9	27.5	23.9	21.2	18.5	17.1	15.7	14.7
22.5°	54.5	47.0	40.4	34.4	29.9	25.3	22.5	19.7	17.8	16.3	15.0
21.25°	61.1	50.9	44.1	37.2	32.2	27.5	23.8	21.0	18.4	16.9	15.5
20°	67.5	56.0	47.6	40.6	34.4	29.6	25.0	22.1	19.2	17.5	16.0
18.75°	73.6	61.9	51.0	43.9	36.7	31.6	26.8	23.2	20.3	18.0	16.5
17.5°	79.3	67.4	55.4	46.9	39.6	33.5	28.6	24.3	21.3	18.5	17.0
16.25°	87.8	72.6	60.4	49.8	42.4	35.3	30.3	25.4	22.3	19.3	17.4
15°	96.0	77.5	65.1	52.7	45.0	37.5	31.9	26.9	23.1	20.1	17.8
13.75°	103.6	83.5	69.5	56.9	47.5	39.8	33.4	28.3	24.0	20.9	18.2
12.5°	110.6	90.3	73.5	60.7	49.7	42.0	34.8	29.6	24.7	21.6	18.6
11.25°	117.0	96.4	77.2	64.3	51.7	43.9	36.1	30.8	25.6	22.3	19.1
10°	122.9	102.0	81.1	67.5	54.3	45.7	37.8	31.9	26.6	22.9	19.7
8.75°	130.1	106.9	85.8	70.3	57.1	47.2	39.2	32.8	27.5	23.4	20.2
7.5°	136.6	111.3	90.0	72.8	59.4	48.6	40.6	33.7	28.3	23.8	20.6
6.25°	142.2	114.9	93.5	74.9	61.4	49.7	41.7	34.4	29.0	24.2	21.0
5°	146.8	118.0	96.4	76.6	63.1	50.7	42.6	35.0	29.6	24.5	21.3
3.75°	150.4	120.3	98.6	78.0	64.4	51.4	43.3	35.4	30.0	24.8	21.5
2.5°	153.0	122.0	100.3	78.9	65.3	52.0	43.8	35.7	30.3	25.0	21.7
1.25°	154.5	123.1	101.2	79.5	65.9	52.3	44.1	35.9	30.5	25.1	21.8
0°	155.1	123.4	101.6	79.7	66.1	52.4	44.2	36.0	30.6	25.1	21.9
-1.25°	154.5	123.1	101.2	79.5	65.9	52.3	44.1	35.9	30.5	25.1	21.8
-2.5°	153.0	122.0	100.3	78.9	65.3	52.0	43.8	35.7	30.3	25.0	21.7
-3.75°	150.4	120.3	98.6	78.0	64.4	51.4	43.3	35.4	30.0	24.8	21.5
-5°	146.8	118.0	96.4	76.6	63.1	50.7	42.6	35.0	29.6	24.5	21.3
-6.25°	142.2	114.9	93.5	74.9	61.4	49.7	41.7	34.4	29.0	24.2	21.0
-7.5°	136.6	111.3	90.0	72.8	59.4	48.6	40.6	33.7	28.3	23.8	20.6
-8.75°	130.1	106.9	85.8	70.3	57.1	47.2	39.2	32.8	27.5	23.4	20.2
-10°	122.9	102.0	81.1	67.5	54.3	45.7	37.8	31.9	26.6	22.9	19.7
-11.25°	117.0	96.4	77.2	64.3	51.7	43.9	36.1	30.8	25.6	22.3	19.1
-12.5°	110.6	90.3	73.5	60.7	49.7	42.0	34.8	29.6	24.7	21.6	18.6
-13.75°	103.6	83.5	69.5	56.9	47.5	39.8	33.4	28.3	24.0	20.9	18.2
-15°	96.0	77.5	65.1	52.7	45.0	37.5	31.9	26.9	23.1	20.1	17.8
-16.25°	87.8	72.6	60.4	49.8	42.4	35.3	30.3	25.4	22.3	19.3	17.4
-17.5°	79.3	67.4	55.4	46.9	39.6	33.5	28.6	24.3	21.3	18.5	17.0
-18.75°	73.6	61.9	51.0	43.9	36.7	31.6	26.8	23.2	20.3	18.0	16.5
-20°	67.5	56.0	47.6	40.6	34.4	29.6	25.0	22.1	19.2	17.5	16.0
-21.25°	61.1	50.9	44.1	37.2	32.2	27.5	23.8	21.0	18.4	16.9	15.5



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	54.5	47.0	40.4	34.4	29.9	25.3	22.5	19.7	17.8	16.3	15.0
-23.75°	49.5	43.0	36.5	31.9	27.5	23.9	21.2	18.5	17.1	15.7	14.7
-25°	45.2	38.9	33.6	29.3	25.0	22.4	19.8	17.8	16.5	15.2	14.3
-26.25°	40.7	35.0	30.9	26.7	23.5	20.9	18.5	17.1	15.8	14.7	13.8
-27.5°	36.1	32.1	28.0	24.4	21.9	19.4	17.7	16.4	15.2	14.3	13.4
-28.75°	32.9	29.0	25.1	22.7	20.3	18.2	16.9	15.7	14.7	13.8	13.1
-30°	29.7	25.9	23.3	20.9	18.6	17.4	16.1	15.0	14.2	13.3	13.1
-31.25°	26.4	23.7	21.4	19.1	17.7	16.5	15.3	14.5	13.7	13.1	13.1
-32.5°	23.9	21.7	19.5	17.9	16.8	15.6	14.7	13.9	13.1	13.1	13.1
-33.75°	21.8	19.7	18.1	17.0	15.9	14.9	14.1	13.4	13.1	13.1	13.1
-35°	19.7	18.1	17.1	16.0	15.0	14.3	13.6	13.1	13.1	13.1	12.9
-36.25°	18.1	17.1	16.1	15.1	14.4	13.7	13.1	13.1	13.1	13.0	12.6
-37.5°	17.0	16.0	15.1	14.4	13.7	13.1	13.1	13.1	13.1	12.7	12.3
-38.75°	15.9	15.0	14.4	13.7	13.1	13.1	13.1	13.1	12.8	12.4	12.1
-40°	14.9	14.3	13.7	13.1	13.1	13.1	13.1	12.8	12.5	12.1	11.8
-41.25°	14.1	13.6	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.8	11.5
-42.5°	13.4	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.9	11.5	11.2
-43.75°	13.1	13.1	13.1	13.1	12.8	12.5	12.2	11.9	11.5	11.2	10.9
-45°	13.1	13.1	13.0	12.7	12.4	12.1	11.8	11.5	11.2	10.9	10.6
-46.25°	13.1	12.9	12.6	12.3	12.1	11.8	11.5	11.2	10.9	10.6	10.3
-47.5°	12.7	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.6	10.3	10.0
-48.75°	12.3	12.1	11.8	11.6	11.3	11.0	10.8	10.5	10.2	9.9	9.6
-50°	11.9	11.7	11.4	11.2	10.9	10.7	10.4	10.1	9.9	9.6	9.3
-51.25°	11.5	11.3	11.0	10.8	10.6	10.3	10.1	9.8	9.5	9.3	9.0
-52.5°	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.4	9.2	8.9	8.7
-53.75°	10.7	10.4	10.2	10.0	9.8	9.6	9.3	9.1	8.8	8.7	8.7
-55°	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.7	8.7	8.7
-56.25°	9.8	9.6	9.4	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7
-57.5°	9.4	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.6	8.4
-58.75°	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1
-60°	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7
-61.25°	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.4
-62.5°	8.7	8.6	8.4	8.3	8.1	7.9	7.7	7.6	7.4	7.2	7.0
-63.75°	8.3	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7
-65°	7.9	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.6
-66.25°	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.6	6.6	6.6
-67.5°	7.0	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-68.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.4
-70°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.3	6.2	6.0
-71.25°	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.0	5.9	5.8	5.7
-72.5°	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.3
-73.75°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
-75°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
-76.25°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2
-77.5°	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4
-80°	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0
-81.25°	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7
-82.5°	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3
-83.75°	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9	1.9
-85°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-86.25°	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
85°	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
83.75°	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4
82.5°	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6
81.25°	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
80°	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
78.75°	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5
77.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
76.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0
75°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
73.75°	4.8	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5
72.5°	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8
71.25°	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.1
70°	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
68.75°	6.2	6.1	5.9	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6
67.5°	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.9
66.25°	6.6	6.6	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1
65°	6.6	6.6	6.6	6.6	6.6	6.4	6.2	6.0	5.8	5.6	5.4
63.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.0	5.8	5.6
62.5°	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.1	5.9
61.25°	7.2	7.0	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.1
60°	7.5	7.3	7.1	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.4
58.75°	7.8	7.6	7.4	7.2	7.0	6.7	6.6	6.6	6.6	6.6	6.6
57.5°	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.6	6.6	6.6	6.6
56.25°	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.6	6.6	6.6
55°	8.7	8.6	8.3	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.6
53.75°	8.7	8.7	8.6	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.6
52.5°	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.5	7.2	7.0	6.7
51.25°	8.7	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.5	7.2	6.9
50°	9.0	8.7	8.7	8.7	8.7	8.6	8.3	8.0	7.7	7.4	7.1
48.75°	9.3	9.0	8.7	8.7	8.7	8.7	8.6	8.3	7.9	7.6	7.3
47.5°	9.6	9.3	9.0	8.7	8.7	8.7	8.7	8.5	8.2	7.8	7.5
46.25°	10.0	9.6	9.3	9.0	8.7	8.7	8.7	8.7	8.4	8.1	7.7
45°	10.3	9.9	9.6	9.3	8.9	8.7	8.7	8.7	8.6	8.3	7.9
43.75°	10.6	10.2	9.9	9.5	9.2	8.8	8.7	8.7	8.7	8.5	8.1
42.5°	10.8	10.5	10.1	9.8	9.4	9.1	8.7	8.7	8.7	8.7	8.3
41.25°	11.1	10.8	10.4	10.1	9.7	9.3	8.9	8.7	8.7	8.7	8.5
40°	11.4	11.0	10.7	10.3	9.9	9.6	9.2	8.8	8.7	8.7	8.7
38.75°	11.7	11.3	10.9	10.6	10.2	9.8	9.4	9.0	8.7	8.7	8.7
37.5°	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.2	8.8	8.7	8.7
36.25°	12.2	11.8	11.4	11.0	10.6	10.2	9.8	9.4	9.0	8.7	8.7
35°	12.5	12.1	11.7	11.3	10.9	10.4	10.0	9.6	9.2	8.8	8.7



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	12.7	12.3	11.9	11.5	11.1	10.7	10.2	9.8	9.4	8.9	8.7
32.5°	13.0	12.6	12.1	11.7	11.3	10.9	10.4	10.0	9.6	9.1	8.7
31.25°	13.1	12.8	12.4	11.9	11.5	11.1	10.6	10.2	9.7	9.3	8.8
30°	13.1	13.0	12.6	12.1	11.7	11.3	10.8	10.4	9.9	9.4	9.0
28.75°	13.1	13.1	12.8	12.3	11.9	11.4	11.0	10.5	10.1	9.6	9.1
27.5°	13.1	13.1	13.0	12.5	12.1	11.6	11.2	10.7	10.2	9.8	9.3
26.25°	13.1	13.1	13.1	12.7	12.3	11.8	11.3	10.8	10.4	9.9	9.4
25°	13.3	13.1	13.1	12.9	12.4	12.0	11.5	11.0	10.5	10.0	9.6
23.75°	13.7	13.1	13.1	13.1	12.6	12.1	11.6	11.1	10.7	10.2	9.7
22.5°	14.1	13.1	13.1	13.1	12.8	12.3	11.8	11.3	10.8	10.3	9.8
21.25°	14.4	13.5	13.1	13.1	12.9	12.4	11.9	11.4	10.9	10.4	9.9
20°	14.8	13.8	13.1	13.1	13.1	12.6	12.1	11.5	11.0	10.5	10.0
18.75°	15.1	14.1	13.1	13.1	13.1	12.7	12.2	11.7	11.2	10.6	10.1
17.5°	15.5	14.4	13.4	13.1	13.1	12.8	12.3	11.8	11.3	10.7	10.2
16.25°	15.9	14.7	13.6	13.1	13.1	12.9	12.4	11.9	11.4	10.8	10.3
15°	16.3	14.9	13.9	13.1	13.1	13.0	12.5	12.0	11.5	10.9	10.4
13.75°	16.6	15.1	14.1	13.1	13.1	13.1	12.6	12.1	11.5	11.0	10.5
12.5°	17.0	15.4	14.3	13.2	13.1	13.1	12.7	12.2	11.6	11.1	10.6
11.25°	17.3	15.7	14.5	13.4	13.1	13.1	12.8	12.2	11.7	11.2	10.6
10°	17.6	15.9	14.7	13.6	13.1	13.1	12.8	12.3	11.8	11.2	10.7
8.75°	17.8	16.2	14.8	13.7	13.1	13.1	12.9	12.4	11.8	11.3	10.7
7.5°	18.0	16.4	14.9	13.9	13.1	13.1	12.9	12.4	11.9	11.3	10.8
6.25°	18.2	16.6	15.0	14.0	13.1	13.1	13.0	12.5	11.9	11.4	10.8
5°	18.3	16.7	15.1	14.0	13.1	13.1	13.0	12.5	11.9	11.4	10.8
3.75°	18.5	16.8	15.2	14.1	13.1	13.1	13.1	12.5	12.0	11.4	10.9
2.5°	18.5	16.9	15.3	14.2	13.1	13.1	13.1	12.5	12.0	11.4	10.9
1.25°	18.6	16.9	15.3	14.2	13.1	13.1	13.1	12.5	12.0	11.4	10.9
0°	18.6	17.0	15.3	14.2	13.1	13.1	13.1	12.6	12.0	11.5	10.9
-1.25°	18.6	16.9	15.3	14.2	13.1	13.1	13.1	12.5	12.0	11.4	10.9
-2.5°	18.5	16.9	15.3	14.2	13.1	13.1	13.1	12.5	12.0	11.4	10.9
-3.75°	18.5	16.8	15.2	14.1	13.1	13.1	13.1	12.5	12.0	11.4	10.9
-5°	18.3	16.7	15.1	14.0	13.1	13.1	13.0	12.5	11.9	11.4	10.8
-6.25°	18.2	16.6	15.0	14.0	13.1	13.1	13.0	12.5	11.9	11.4	10.8
-7.5°	18.0	16.4	14.9	13.9	13.1	13.1	12.9	12.4	11.9	11.3	10.8
-8.75°	17.8	16.2	14.8	13.7	13.1	13.1	12.9	12.4	11.8	11.3	10.7
-10°	17.6	15.9	14.7	13.6	13.1	13.1	12.8	12.3	11.8	11.2	10.7
-11.25°	17.3	15.7	14.5	13.4	13.1	13.1	12.8	12.2	11.7	11.2	10.6
-12.5°	17.0	15.4	14.3	13.2	13.1	13.1	12.7	12.2	11.6	11.1	10.6
-13.75°	16.6	15.1	14.1	13.1	13.1	13.1	12.6	12.1	11.5	11.0	10.5
-15°	16.3	14.9	13.9	13.1	13.1	13.0	12.5	12.0	11.5	10.9	10.4
-16.25°	15.9	14.7	13.6	13.1	13.1	12.9	12.4	11.9	11.4	10.8	10.3
-17.5°	15.5	14.4	13.4	13.1	13.1	12.8	12.3	11.8	11.3	10.7	10.2
-18.75°	15.1	14.1	13.1	13.1	13.1	12.7	12.2	11.7	11.2	10.6	10.1
-20°	14.8	13.8	13.1	13.1	13.1	12.6	12.1	11.5	11.0	10.5	10.0
-21.25°	14.4	13.5	13.1	13.1	12.9	12.4	11.9	11.4	10.9	10.4	9.9



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	14.1	13.1	13.1	13.1	12.8	12.3	11.8	11.3	10.8	10.3	9.8
-23.75°	13.7	13.1	13.1	13.1	12.6	12.1	11.6	11.1	10.7	10.2	9.7
-25°	13.3	13.1	13.1	12.9	12.4	12.0	11.5	11.0	10.5	10.0	9.6
-26.25°	13.1	13.1	13.1	12.7	12.3	11.8	11.3	10.8	10.4	9.9	9.4
-27.5°	13.1	13.1	13.0	12.5	12.1	11.6	11.2	10.7	10.2	9.8	9.3
-28.75°	13.1	13.1	12.8	12.3	11.9	11.4	11.0	10.5	10.1	9.6	9.1
-30°	13.1	13.0	12.6	12.1	11.7	11.3	10.8	10.4	9.9	9.4	9.0
-31.25°	13.1	12.8	12.4	11.9	11.5	11.1	10.6	10.2	9.7	9.3	8.8
-32.5°	13.0	12.6	12.1	11.7	11.3	10.9	10.4	10.0	9.6	9.1	8.7
-33.75°	12.7	12.3	11.9	11.5	11.1	10.7	10.2	9.8	9.4	8.9	8.7
-35°	12.5	12.1	11.7	11.3	10.9	10.4	10.0	9.6	9.2	8.8	8.7
-36.25°	12.2	11.8	11.4	11.0	10.6	10.2	9.8	9.4	9.0	8.7	8.7
-37.5°	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.2	8.8	8.7	8.7
-38.75°	11.7	11.3	10.9	10.6	10.2	9.8	9.4	9.0	8.7	8.7	8.7
-40°	11.4	11.0	10.7	10.3	9.9	9.6	9.2	8.8	8.7	8.7	8.7
-41.25°	11.1	10.8	10.4	10.1	9.7	9.3	8.9	8.7	8.7	8.7	8.5
-42.5°	10.8	10.5	10.1	9.8	9.4	9.1	8.7	8.7	8.7	8.7	8.3
-43.75°	10.6	10.2	9.9	9.5	9.2	8.8	8.7	8.7	8.7	8.5	8.1
-45°	10.3	9.9	9.6	9.3	8.9	8.7	8.7	8.7	8.6	8.3	7.9
-46.25°	10.0	9.6	9.3	9.0	8.7	8.7	8.7	8.7	8.4	8.1	7.7
-47.5°	9.6	9.3	9.0	8.7	8.7	8.7	8.7	8.5	8.2	7.8	7.5
-48.75°	9.3	9.0	8.7	8.7	8.7	8.7	8.6	8.3	7.9	7.6	7.3
-50°	9.0	8.7	8.7	8.7	8.7	8.6	8.3	8.0	7.7	7.4	7.1
-51.25°	8.7	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.5	7.2	6.9
-52.5°	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.5	7.2	7.0	6.7
-53.75°	8.7	8.7	8.6	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.6
-55°	8.7	8.6	8.3	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.6
-56.25°	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.6	6.6	6.6
-57.5°	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.6	6.6	6.6	6.6
-58.75°	7.8	7.6	7.4	7.2	7.0	6.7	6.6	6.6	6.6	6.6	6.6
-60°	7.5	7.3	7.1	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.4
-61.25°	7.2	7.0	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.1
-62.5°	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.1	5.9
-63.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.0	5.8	5.6
-65°	6.6	6.6	6.6	6.6	6.6	6.4	6.2	6.0	5.8	5.6	5.4
-66.25°	6.6	6.6	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1
-67.5°	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.9
-68.75°	6.2	6.1	5.9	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6
-70°	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
-71.25°	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.1
-72.5°	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8
-73.75°	4.8	4.7	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5
-75°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
-76.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0
-77.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5
-80°	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2
-81.25°	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-82.5°	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.6
-83.75°	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4
-85°	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
-88.75°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
83.75°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
82.5°	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9
81.25°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1
80°	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
78.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
77.5°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5
76.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
75°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8
73.75°	3.4	3.3	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.1	2.0
72.5°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
71.25°	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.8	2.6	2.4	2.3
70°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4
68.75°	4.4	4.2	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.6
67.5°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
66.25°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
65°	5.2	5.0	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.2	3.0
63.75°	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.1
62.5°	5.6	5.4	5.2	5.0	4.7	4.5	4.2	4.0	3.8	3.5	3.3
61.25°	5.9	5.6	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4
60°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.3	4.1	3.8	3.5
58.75°	6.4	6.1	5.8	5.6	5.3	5.0	4.8	4.5	4.2	3.9	3.7
57.5°	6.6	6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.4	4.1	3.8
56.25°	6.6	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9
55°	6.6	6.6	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1
53.75°	6.6	6.6	6.6	6.4	6.1	5.8	5.4	5.1	4.8	4.5	4.2
52.5°	6.6	6.6	6.6	6.6	6.2	5.9	5.6	5.3	5.0	4.6	4.3
51.25°	6.6	6.6	6.6	6.6	6.4	6.1	5.8	5.4	5.1	4.8	4.4
50°	6.8	6.6	6.6	6.6	6.6	6.3	5.9	5.6	5.2	4.9	4.6
48.75°	7.0	6.7	6.6	6.6	6.6	6.4	6.1	5.7	5.4	5.0	4.7
47.5°	7.2	6.9	6.6	6.6	6.6	6.6	6.2	5.9	5.5	5.2	4.8
46.25°	7.4	7.0	6.7	6.6	6.6	6.6	6.4	6.0	5.7	5.3	4.9
45°	7.6	7.2	6.9	6.6	6.6	6.6	6.5	6.2	5.8	5.4	5.0
43.75°	7.7	7.4	7.1	6.7	6.6	6.6	6.6	6.3	5.9	5.5	5.1
42.5°	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.4	6.0	5.6	5.2
41.25°	8.1	7.7	7.4	7.0	6.7	6.6	6.6	6.6	6.2	5.7	5.3
40°	8.3	7.9	7.5	7.2	6.8	6.6	6.6	6.6	6.3	5.9	5.4
38.75°	8.5	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.4	6.0	5.5
37.5°	8.7	8.3	7.8	7.4	7.1	6.7	6.6	6.6	6.5	6.1	5.6
36.25°	8.7	8.4	8.0	7.6	7.2	6.8	6.6	6.6	6.6	6.2	5.7
35°	8.7	8.6	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.3	5.8



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°
33.75°	8.7	8.7	8.3	7.9	7.4	7.0	6.6	6.6	6.6	6.4	5.9
32.5°	8.7	8.7	8.4	8.0	7.5	7.1	6.7	6.6	6.6	6.5	6.0
31.25°	8.7	8.7	8.6	8.1	7.7	7.2	6.8	6.6	6.6	6.6	6.1
30°	8.7	8.7	8.7	8.2	7.8	7.3	6.9	6.6	6.6	6.6	6.2
28.75°	8.7	8.7	8.7	8.4	7.9	7.4	7.0	6.6	6.6	6.6	6.2
27.5°	8.8	8.7	8.7	8.5	8.0	7.5	7.1	6.7	6.6	6.6	6.3
26.25°	8.9	8.7	8.7	8.6	8.1	7.6	7.2	6.7	6.6	6.6	6.4
25°	9.1	8.7	8.7	8.7	8.2	7.7	7.3	6.8	6.6	6.6	6.5
23.75°	9.2	8.7	8.7	8.7	8.3	7.8	7.3	6.9	6.6	6.6	6.5
22.5°	9.3	8.8	8.7	8.7	8.4	7.9	7.4	7.0	6.6	6.6	6.6
21.25°	9.4	8.9	8.7	8.7	8.5	8.0	7.5	7.0	6.6	6.6	6.6
20°	9.5	9.0	8.7	8.7	8.6	8.1	7.6	7.1	6.6	6.6	6.6
18.75°	9.6	9.1	8.7	8.7	8.7	8.1	7.6	7.2	6.7	6.6	6.6
17.5°	9.7	9.2	8.7	8.7	8.7	8.2	7.7	7.2	6.7	6.6	6.6
16.25°	9.8	9.3	8.8	8.7	8.7	8.3	7.8	7.3	6.8	6.6	6.6
15°	9.9	9.4	8.8	8.7	8.7	8.3	7.8	7.3	6.8	6.6	6.6
13.75°	10.0	9.4	8.9	8.7	8.7	8.4	7.9	7.4	6.9	6.6	6.6
12.5°	10.0	9.5	9.0	8.7	8.7	8.5	7.9	7.4	6.9	6.6	6.6
11.25°	10.1	9.5	9.0	8.7	8.7	8.5	8.0	7.4	7.0	6.6	6.6
10°	10.1	9.6	9.1	8.7	8.7	8.5	8.0	7.5	7.0	6.6	6.6
8.75°	10.2	9.6	9.1	8.7	8.7	8.6	8.0	7.5	7.0	6.6	6.6
7.5°	10.2	9.7	9.1	8.7	8.7	8.6	8.1	7.5	7.0	6.6	6.6
6.25°	10.3	9.7	9.2	8.7	8.7	8.6	8.1	7.6	7.1	6.6	6.6
5°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
3.75°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
2.5°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
1.25°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
0°	10.4	9.8	9.3	8.7	8.7	8.7	8.2	7.6	7.1	6.6	6.6
-1.25°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
-2.5°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
-3.75°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
-5°	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6	7.1	6.6	6.6
-6.25°	10.3	9.7	9.2	8.7	8.7	8.6	8.1	7.6	7.1	6.6	6.6
-7.5°	10.2	9.7	9.1	8.7	8.7	8.6	8.1	7.5	7.0	6.6	6.6
-8.75°	10.2	9.6	9.1	8.7	8.7	8.6	8.0	7.5	7.0	6.6	6.6
-10°	10.1	9.6	9.1	8.7	8.7	8.5	8.0	7.5	7.0	6.6	6.6
-11.25°	10.1	9.5	9.0	8.7	8.7	8.5	8.0	7.4	7.0	6.6	6.6
-12.5°	10.0	9.5	9.0	8.7	8.7	8.5	7.9	7.4	6.9	6.6	6.6
-13.75°	10.0	9.4	8.9	8.7	8.7	8.4	7.9	7.4	6.9	6.6	6.6
-15°	9.9	9.4	8.8	8.7	8.7	8.3	7.8	7.3	6.8	6.6	6.6
-16.25°	9.8	9.3	8.8	8.7	8.7	8.3	7.8	7.3	6.8	6.6	6.6
-17.5°	9.7	9.2	8.7	8.7	8.7	8.2	7.7	7.2	6.7	6.6	6.6
-18.75°	9.6	9.1	8.7	8.7	8.7	8.1	7.6	7.2	6.7	6.6	6.6
-20°	9.5	9.0	8.7	8.7	8.6	8.1	7.6	7.1	6.6	6.6	6.6
-21.25°	9.4	8.9	8.7	8.7	8.5	8.0	7.5	7.0	6.6	6.6	6.6



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°
-22.5°	9.3	8.8	8.7	8.7	8.4	7.9	7.4	7.0	6.6	6.6	6.6
-23.75°	9.2	8.7	8.7	8.7	8.3	7.8	7.3	6.9	6.6	6.6	6.5
-25°	9.1	8.7	8.7	8.7	8.2	7.7	7.3	6.8	6.6	6.6	6.5
-26.25°	8.9	8.7	8.7	8.6	8.1	7.6	7.2	6.7	6.6	6.6	6.4
-27.5°	8.8	8.7	8.7	8.5	8.0	7.5	7.1	6.7	6.6	6.6	6.3
-28.75°	8.7	8.7	8.7	8.4	7.9	7.4	7.0	6.6	6.6	6.6	6.2
-30°	8.7	8.7	8.7	8.2	7.8	7.3	6.9	6.6	6.6	6.6	6.2
-31.25°	8.7	8.7	8.6	8.1	7.7	7.2	6.8	6.6	6.6	6.6	6.1
-32.5°	8.7	8.7	8.4	8.0	7.5	7.1	6.7	6.6	6.6	6.5	6.0
-33.75°	8.7	8.7	8.3	7.9	7.4	7.0	6.6	6.6	6.6	6.4	5.9
-35°	8.7	8.6	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.3	5.8
-36.25°	8.7	8.4	8.0	7.6	7.2	6.8	6.6	6.6	6.6	6.2	5.7
-37.5°	8.7	8.3	7.8	7.4	7.1	6.7	6.6	6.6	6.5	6.1	5.6
-38.75°	8.5	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.4	6.0	5.5
-40°	8.3	7.9	7.5	7.2	6.8	6.6	6.6	6.6	6.3	5.9	5.4
-41.25°	8.1	7.7	7.4	7.0	6.7	6.6	6.6	6.6	6.2	5.7	5.3
-42.5°	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.4	6.0	5.6	5.2
-43.75°	7.7	7.4	7.1	6.7	6.6	6.6	6.6	6.3	5.9	5.5	5.1
-45°	7.6	7.2	6.9	6.6	6.6	6.6	6.5	6.2	5.8	5.4	5.0
-46.25°	7.4	7.0	6.7	6.6	6.6	6.6	6.4	6.0	5.7	5.3	4.9
-47.5°	7.2	6.9	6.6	6.6	6.6	6.6	6.2	5.9	5.5	5.2	4.8
-48.75°	7.0	6.7	6.6	6.6	6.6	6.4	6.1	5.7	5.4	5.0	4.7
-50°	6.8	6.6	6.6	6.6	6.6	6.3	5.9	5.6	5.2	4.9	4.6
-51.25°	6.6	6.6	6.6	6.6	6.4	6.1	5.8	5.4	5.1	4.8	4.4
-52.5°	6.6	6.6	6.6	6.6	6.2	5.9	5.6	5.3	5.0	4.6	4.3
-53.75°	6.6	6.6	6.6	6.4	6.1	5.8	5.4	5.1	4.8	4.5	4.2
-55°	6.6	6.6	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1
-56.25°	6.6	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9
-57.5°	6.6	6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.4	4.1	3.8
-58.75°	6.4	6.1	5.8	5.6	5.3	5.0	4.8	4.5	4.2	3.9	3.7
-60°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.3	4.1	3.8	3.5
-61.25°	5.9	5.6	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4
-62.5°	5.6	5.4	5.2	5.0	4.7	4.5	4.2	4.0	3.8	3.5	3.3
-63.75°	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.1
-65°	5.2	5.0	4.7	4.5	4.3	4.1	3.9	3.7	3.4	3.2	3.0
-66.25°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
-67.5°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-68.75°	4.4	4.2	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.6
-70°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4
-71.25°	3.9	3.8	3.6	3.4	3.3	3.1	2.9	2.8	2.6	2.4	2.3
-72.5°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
-73.75°	3.4	3.3	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.1	2.0
-75°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8
-76.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
-77.5°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°
-78.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-80°	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
-81.25°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1
-82.5°	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9
-83.75°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
-85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
-86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-88.75°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
80°	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
78.75°	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
76.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
75°	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
73.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
72.5°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
71.25°	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
70°	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8	0.6	0.4
68.75°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
67.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
66.25°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
65°	2.8	2.5	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
63.75°	2.9	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
62.5°	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
61.25°	3.1	2.9	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.5
60°	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
58.75°	3.4	3.1	2.8	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
57.5°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
56.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
55°	3.8	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.6
53.75°	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
52.5°	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
51.25°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
50°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
48.75°	4.3	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
47.5°	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.7
46.25°	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
45°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
43.75°	4.7	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
42.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
41.25°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
40°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
38.75°	5.1	4.7	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	0.9
37.5°	5.2	4.8	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
36.25°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
35°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	5.5	5.0	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
32.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.9	1.4	0.9
31.25°	5.6	5.2	4.7	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
30°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
28.75°	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
27.5°	5.8	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
26.25°	5.9	5.4	4.9	4.4	3.9	3.5	3.0	2.5	2.0	1.5	1.0
25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
23.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
22.5°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.5	2.0	1.5	1.0
21.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.0
20°	6.2	5.7	5.2	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.0
18.75°	6.2	5.7	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.0
17.5°	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.6	2.1	1.6	1.0
16.25°	6.3	5.8	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.1
15°	6.4	5.8	5.3	4.8	4.2	3.7	3.2	2.7	2.1	1.6	1.1
13.75°	6.4	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
12.5°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1
11.25°	6.5	5.9	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.1
10°	6.5	6.0	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.1
8.75°	6.5	6.0	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
7.5°	6.5	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
6.25°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
5°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
3.75°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
2.5°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
1.25°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
0°	6.6	6.1	5.5	5.0	4.4	3.9	3.3	2.8	2.2	1.7	1.1
-1.25°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-2.5°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-3.75°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-5°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-6.25°	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-7.5°	6.5	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-8.75°	6.5	6.0	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
-10°	6.5	6.0	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.1
-11.25°	6.5	5.9	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.1
-12.5°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1
-13.75°	6.4	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
-15°	6.4	5.8	5.3	4.8	4.2	3.7	3.2	2.7	2.1	1.6	1.1
-16.25°	6.3	5.8	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.1
-17.5°	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.6	2.1	1.6	1.0
-18.75°	6.2	5.7	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.0
-20°	6.2	5.7	5.2	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.0
-21.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.5	2.0	1.5	1.0
-23.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-25°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-26.25°	5.9	5.4	4.9	4.4	3.9	3.5	3.0	2.5	2.0	1.5	1.0
-27.5°	5.8	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
-28.75°	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
-30°	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
-31.25°	5.6	5.2	4.7	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
-32.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.9	1.4	0.9
-33.75°	5.5	5.0	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
-35°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
-36.25°	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
-37.5°	5.2	4.8	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
-38.75°	5.1	4.7	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	0.9
-40°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
-41.25°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-42.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-43.75°	4.7	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-45°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-46.25°	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
-47.5°	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.7
-48.75°	4.3	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-50°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
-51.25°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
-52.5°	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
-53.75°	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
-55°	3.8	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.6
-56.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-57.5°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-58.75°	3.4	3.1	2.8	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-60°	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-61.25°	3.1	2.9	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.5
-62.5°	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
-63.75°	2.9	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
-65°	2.8	2.5	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
-66.25°	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-67.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
-68.75°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-70°	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8	0.6	0.4
-71.25°	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
-72.5°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-73.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-75°	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-76.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-77.5°	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.1	0.0
80°	0.1	0.0
78.75°	0.1	0.0
77.5°	0.1	0.0
76.25°	0.1	0.0
75°	0.1	0.0
73.75°	0.2	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	0.0
67.5°	0.2	0.0
66.25°	0.2	0.0
65°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.5	0.0



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220324 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)