

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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

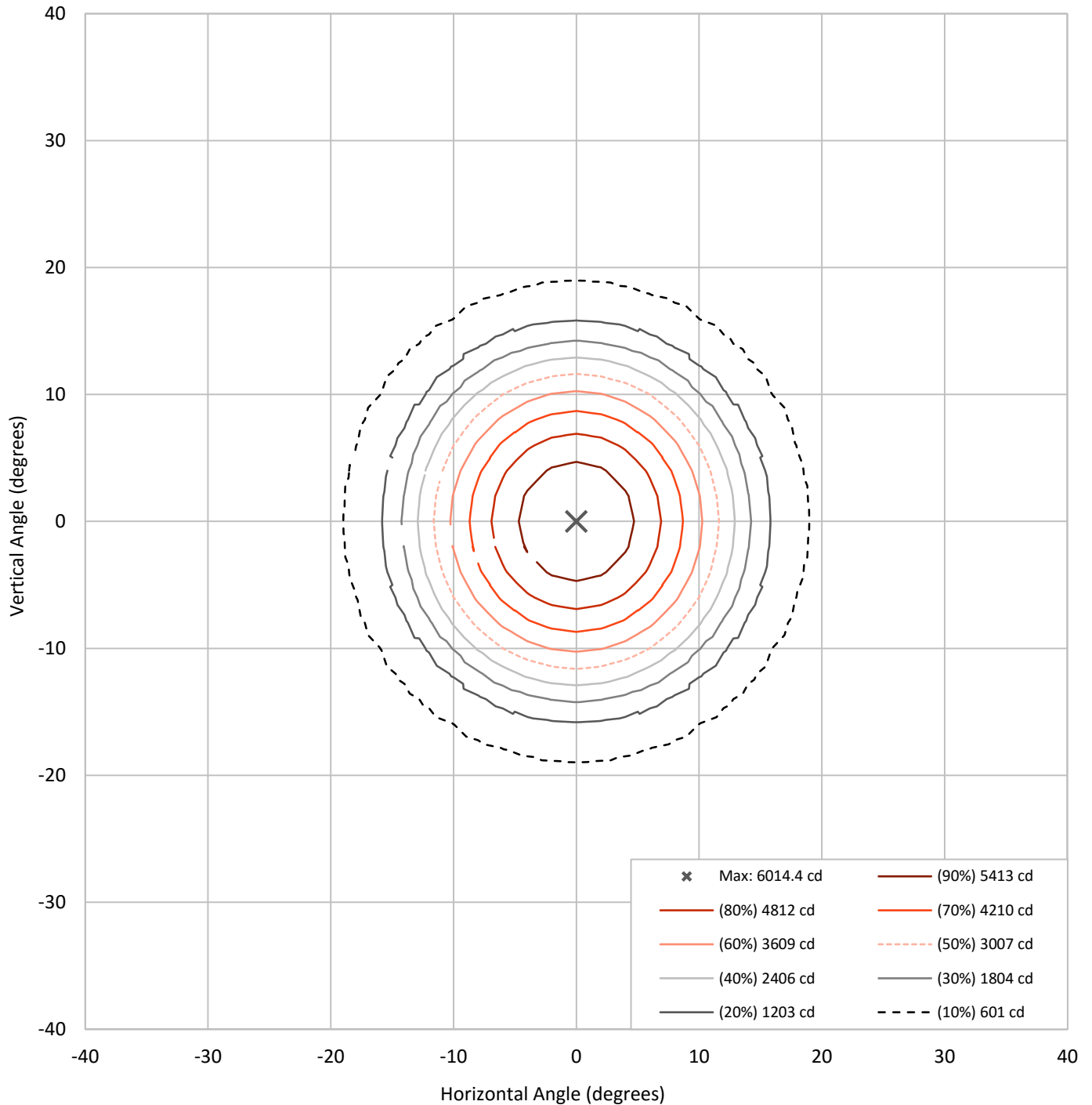
Test Method: LM-79-08  
Report Number: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29410)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1073.8 lumens	Max Intensity:	6014.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.3°H x 23.3°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	575.2 lumens	Field Lumens:	870.2 lumens
Beam Efficiency:	53.6%	Field Efficiency:	81.0%
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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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

### Iso-Candela Plot





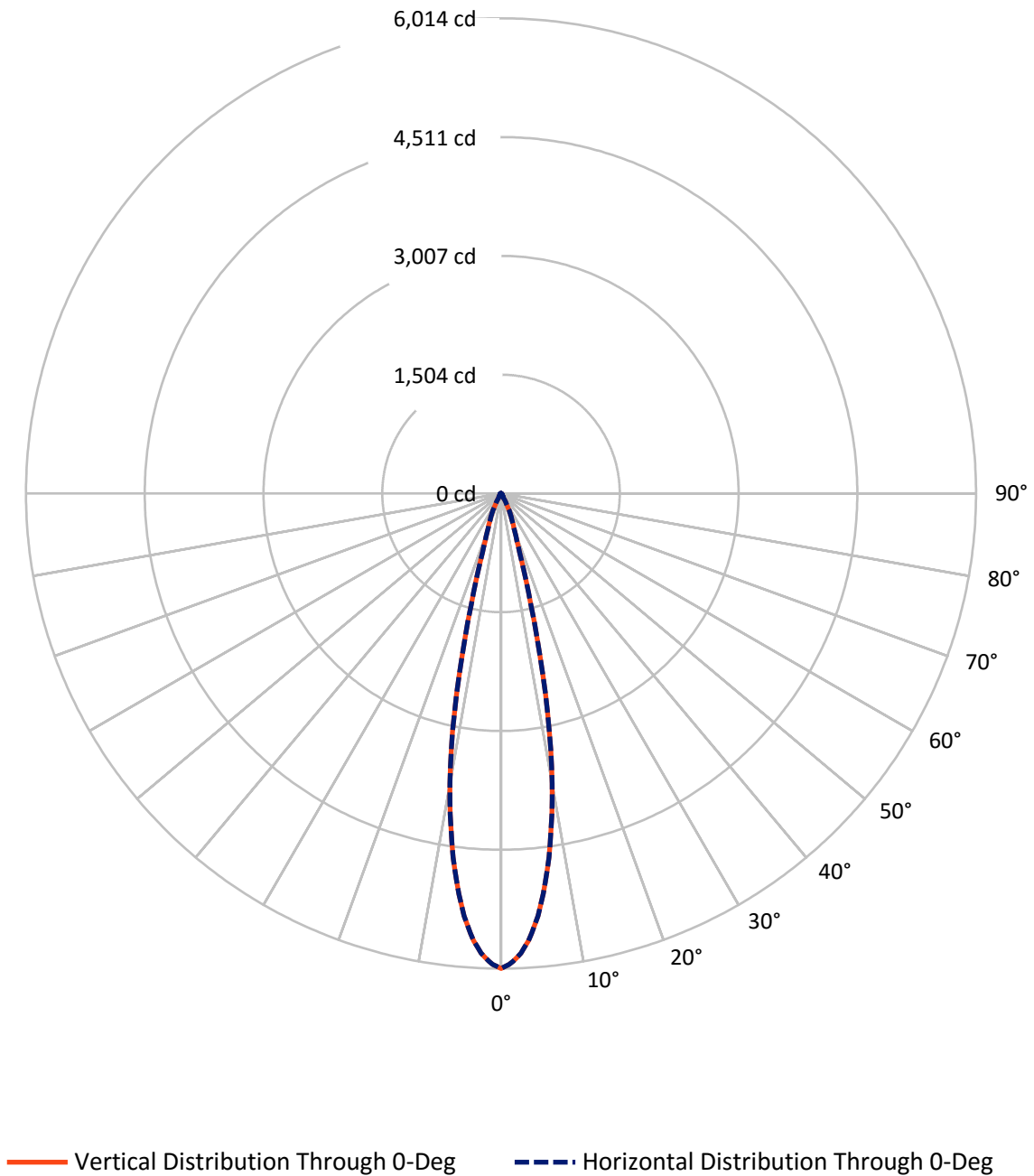
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### Lumen Table

90	0.0	0.1	0.3	0.5	0.5	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	0.5	0.5	0.3	0.1	0.0								
70	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1			
60		0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
40		0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.2	0.1				
30	0.1	0.1	0.2	0.4	0.5	1.0	3.3	6.9	6.9	3.3	1.0	0.5	0.4	0.2	0.1	0.1			
20		0.1	0.3	0.4	0.7	3.1	14.2	42.2	42.2	14.2	3.1	0.7	0.4	0.3	0.1				
10	0.1	0.1	0.3	0.4	0.8	6.3	41.2	134.9	134.9	41.2	6.3	0.8	0.4	0.3	0.1	0.1			
0		0.1	0.3	0.4	0.8	6.3	41.2	134.9	134.9	41.2	6.3	0.8	0.4	0.3	0.1				
-10	0.1	0.1	0.3	0.4	0.8	6.3	41.2	134.9	134.9	41.2	6.3	0.8	0.4	0.3	0.1	0.1			
-20		0.1	0.3	0.4	0.7	3.1	14.2	42.2	42.2	14.2	3.1	0.7	0.4	0.3	0.1				
-30	0.1	0.1	0.2	0.4	0.5	1.0	3.3	6.9	6.9	3.3	1.0	0.5	0.4	0.2	0.1	0.1			
-40		0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.2	0.1				
-50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
-70	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1			
-80		0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1				
-90	0.0	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.3	0.1	0.0								

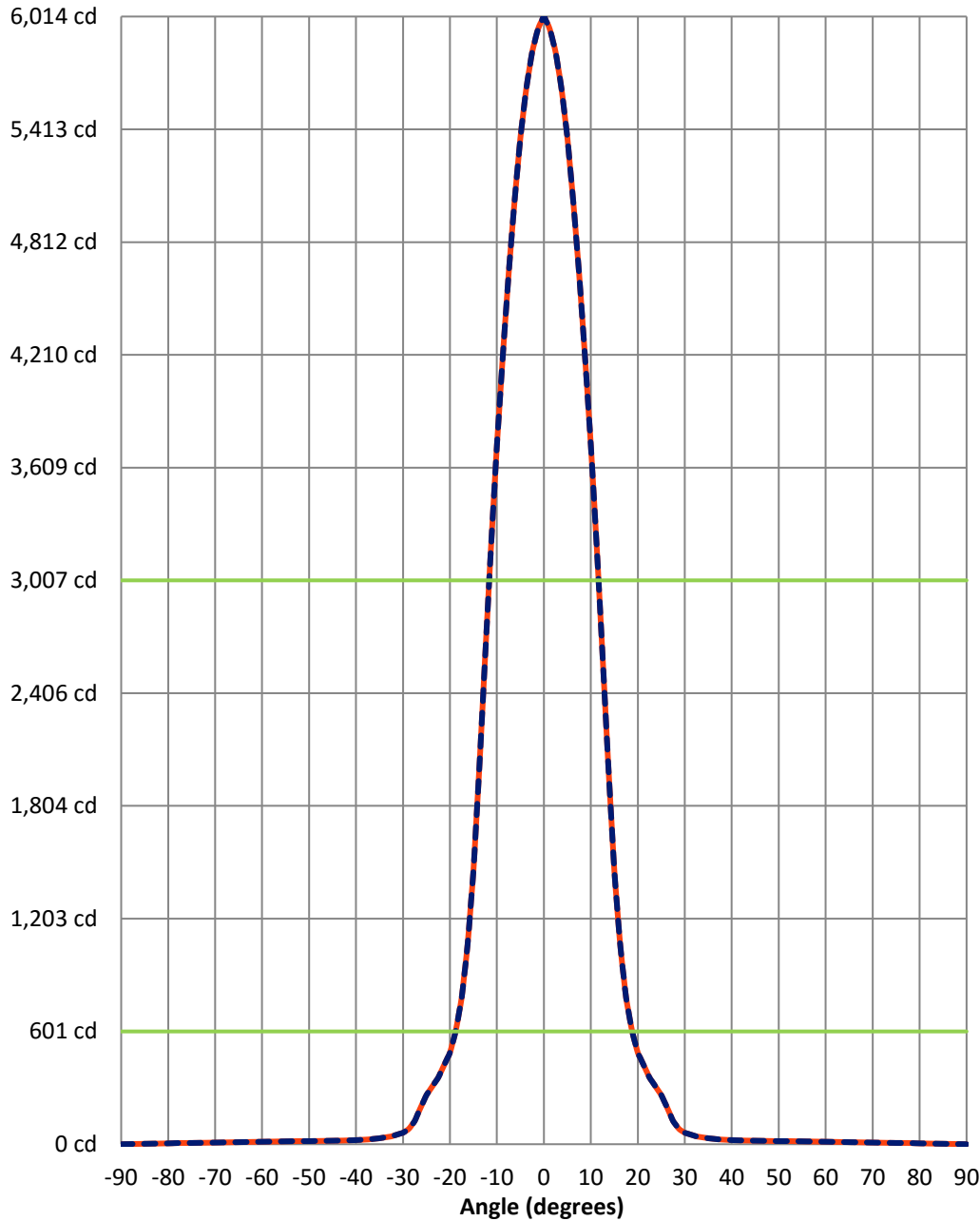
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.3°  
 V Angle: 23.3°  
 Lumens: 575.2  
 Efficiency: 53.6%

**Field:**  
 H Angle: 37.5°  
 V Angle: 37.5°  
 Lumens: 870.2  
 Efficiency: 81.0%

**Spill:**  
 Lumens: 203.6  
 Efficiency: 19.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	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	4.6



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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	4.7
32.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.2	4.9
31.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	5.0
30°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	5.1
28.75°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	5.2
27.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	5.3
26.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.9	4.5	5.5
25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.6	5.6
23.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.7	5.7
22.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.1	4.7	5.8
21.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.8	5.8
20°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.9
18.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	5.0	6.0
17.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.7	4.2	5.0	6.1
16.25°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	5.1	6.2
15°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.2	6.2
13.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.2	6.3
12.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.8	4.3	5.3	6.3
11.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	5.3	6.4
10°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	5.3	6.4
8.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	5.4	6.5
7.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.4	6.5
6.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.4	6.5
5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
3.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
2.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
1.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
0°	0.0	0.5	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.5	6.6
-1.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
-2.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
-3.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
-5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.5	6.6
-6.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.4	6.5
-7.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	5.4	6.5
-8.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	5.4	6.5
-10°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	5.3	6.4
-11.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	5.3	6.4
-12.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.8	4.3	5.3	6.3
-13.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.2	6.3
-15°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	5.2	6.2
-16.25°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.7	4.2	5.1	6.2
-17.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.7	4.2	5.0	6.1
-18.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	5.0	6.0
-20°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.9	5.9
-21.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.8	5.8





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.1	4.7	5.8
-23.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.7	5.7
-25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.6	5.6
-26.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	3.9	4.5	5.5
-27.5°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	3.9	4.4	5.3
-28.75°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.9	4.3	5.2
-30°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.3	5.1
-31.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.8	4.2	5.0
-32.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.2	4.9
-33.75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.7	4.1	4.7
-35°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.6
-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



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
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	4.6
65°	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.7	5.1
63.75°	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.6	5.1	5.5
62.5°	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.6	5.0	5.5	6.0
61.25°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.9	5.4	5.9	6.4
60°	3.0	3.3	3.5	3.8	4.1	4.3	4.8	5.3	5.8	6.3	6.6
58.75°	3.1	3.4	3.7	3.9	4.2	4.6	5.1	5.7	6.2	6.6	6.6
57.5°	3.2	3.5	3.8	4.1	4.4	4.9	5.5	6.0	6.6	6.6	6.6
56.25°	3.3	3.6	3.9	4.2	4.7	5.2	5.8	6.4	6.6	6.6	6.6
55°	3.4	3.8	4.1	4.4	4.9	5.6	6.2	6.6	6.6	6.6	6.6
53.75°	3.6	3.9	4.2	4.6	5.2	5.9	6.5	6.6	6.6	6.6	6.7
52.5°	3.7	4.0	4.3	4.9	5.5	6.2	6.6	6.6	6.6	6.6	6.8
51.25°	3.8	4.1	4.5	5.1	5.8	6.5	6.6	6.6	6.6	6.7	7.0
50°	3.9	4.2	4.7	5.4	6.1	6.6	6.6	6.6	6.6	6.9	7.2
48.75°	4.0	4.3	5.0	5.7	6.4	6.6	6.6	6.6	6.8	7.1	7.4
47.5°	4.1	4.5	5.2	5.9	6.6	6.6	6.6	6.6	6.9	7.2	7.6
46.25°	4.2	4.7	5.4	6.2	6.6	6.6	6.6	6.7	7.1	7.4	7.7
45°	4.3	4.9	5.6	6.4	6.6	6.6	6.6	6.9	7.2	7.6	7.9
43.75°	4.4	5.1	5.9	6.6	6.6	6.6	6.7	7.0	7.4	7.7	8.1
42.5°	4.5	5.3	6.1	6.6	6.6	6.6	6.8	7.2	7.5	7.9	8.3
41.25°	4.7	5.5	6.3	6.6	6.6	6.6	6.9	7.3	7.7	8.1	8.4
40°	4.8	5.7	6.5	6.6	6.6	6.7	7.0	7.4	7.8	8.2	8.6
38.75°	5.0	5.8	6.6	6.6	6.6	6.8	7.2	7.5	8.0	8.4	8.8
37.5°	5.2	6.0	6.6	6.6	6.6	6.9	7.3	7.7	8.1	8.5	8.9
36.25°	5.3	6.2	6.6	6.6	6.6	7.0	7.4	7.8	8.2	8.7	9.1
35°	5.5	6.4	6.6	6.6	6.7	7.1	7.5	7.9	8.4	8.8	9.2



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	5.6	6.5	6.6	6.6	6.8	7.2	7.6	8.1	8.5	9.0	9.4
32.5°	5.8	6.6	6.6	6.6	6.9	7.3	7.7	8.2	8.6	9.1	9.5
31.25°	5.9	6.6	6.6	6.6	7.0	7.4	7.8	8.3	8.8	9.2	9.7
30°	6.1	6.6	6.6	6.6	7.1	7.5	7.9	8.4	8.9	9.3	9.8
28.75°	6.2	6.6	6.6	6.7	7.1	7.6	8.1	8.5	9.0	9.5	9.9
27.5°	6.3	6.6	6.6	6.8	7.2	7.7	8.2	8.6	9.1	9.6	10.1
26.25°	6.4	6.6	6.6	6.9	7.3	7.8	8.2	8.7	9.2	9.7	10.2
25°	6.5	6.6	6.6	6.9	7.4	7.8	8.3	8.8	9.3	9.8	10.3
23.75°	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.9	9.4	9.9	10.4
22.5°	6.6	6.6	6.6	7.1	7.5	8.0	8.5	9.0	9.5	10.0	10.5
21.25°	6.6	6.6	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6
20°	6.6	6.6	6.7	7.2	7.6	8.1	8.7	9.2	9.7	10.2	10.7
18.75°	6.6	6.6	6.7	7.2	7.7	8.2	8.7	9.2	9.8	10.3	10.8
17.5°	6.6	6.6	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.4	10.9
16.25°	6.6	6.6	6.8	7.3	7.8	8.3	8.9	9.4	9.9	10.4	11.0
15°	6.6	6.6	6.9	7.4	7.9	8.4	8.9	9.4	10.0	10.5	11.0
13.75°	6.6	6.6	6.9	7.4	7.9	8.4	9.0	9.5	10.0	10.6	11.1
12.5°	6.6	6.6	6.9	7.4	7.9	8.5	9.0	9.6	10.1	10.6	11.2
11.25°	6.6	6.6	7.0	7.5	8.0	8.5	9.1	9.6	10.1	10.7	11.2
10°	6.6	6.6	7.0	7.5	8.0	8.6	9.1	9.6	10.2	10.7	11.3
8.75°	6.6	6.6	7.0	7.5	8.1	8.6	9.1	9.7	10.2	10.8	11.3
7.5°	6.6	6.6	7.0	7.5	8.1	8.6	9.2	9.7	10.3	10.8	11.3
6.25°	6.6	6.6	7.1	7.6	8.1	8.6	9.2	9.7	10.3	10.8	11.4
5°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
3.75°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
2.5°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
1.25°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
0°	6.6	6.6	7.1	7.6	8.2	8.7	9.3	9.8	10.4	10.9	11.5
-1.25°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
-2.5°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
-3.75°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
-5°	6.6	6.6	7.1	7.6	8.1	8.7	9.2	9.8	10.3	10.9	11.4
-6.25°	6.6	6.6	7.1	7.6	8.1	8.6	9.2	9.7	10.3	10.8	11.4
-7.5°	6.6	6.6	7.0	7.5	8.1	8.6	9.2	9.7	10.3	10.8	11.3
-8.75°	6.6	6.6	7.0	7.5	8.1	8.6	9.1	9.7	10.2	10.8	11.3
-10°	6.6	6.6	7.0	7.5	8.0	8.6	9.1	9.6	10.2	10.7	11.3
-11.25°	6.6	6.6	7.0	7.5	8.0	8.5	9.1	9.6	10.1	10.7	11.2
-12.5°	6.6	6.6	6.9	7.4	7.9	8.5	9.0	9.6	10.1	10.6	11.2
-13.75°	6.6	6.6	6.9	7.4	7.9	8.4	9.0	9.5	10.0	10.6	11.1
-15°	6.6	6.6	6.9	7.4	7.9	8.4	8.9	9.4	10.0	10.5	11.0
-16.25°	6.6	6.6	6.8	7.3	7.8	8.3	8.9	9.4	9.9	10.4	11.0
-17.5°	6.6	6.6	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.4	10.9
-18.75°	6.6	6.6	6.7	7.2	7.7	8.2	8.7	9.2	9.8	10.3	10.8
-20°	6.6	6.6	6.7	7.2	7.6	8.1	8.7	9.2	9.7	10.2	10.7
-21.25°	6.6	6.6	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6



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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°
-22.5°	6.6	6.6	6.6	7.1	7.5	8.0	8.5	9.0	9.5	10.0	10.5
-23.75°	6.6	6.6	6.6	7.0	7.4	7.9	8.4	8.9	9.4	9.9	10.4
-25°	6.5	6.6	6.6	6.9	7.4	7.8	8.3	8.8	9.3	9.8	10.3
-26.25°	6.4	6.6	6.6	6.9	7.3	7.8	8.2	8.7	9.2	9.7	10.2
-27.5°	6.3	6.6	6.6	6.8	7.2	7.7	8.2	8.6	9.1	9.6	10.1
-28.75°	6.2	6.6	6.6	6.7	7.1	7.6	8.1	8.5	9.0	9.5	9.9
-30°	6.1	6.6	6.6	6.6	7.1	7.5	7.9	8.4	8.9	9.3	9.8
-31.25°	5.9	6.6	6.6	6.6	7.0	7.4	7.8	8.3	8.8	9.2	9.7
-32.5°	5.8	6.6	6.6	6.6	6.9	7.3	7.7	8.2	8.6	9.1	9.5
-33.75°	5.6	6.5	6.6	6.6	6.8	7.2	7.6	8.1	8.5	9.0	9.4
-35°	5.5	6.4	6.6	6.6	6.7	7.1	7.5	7.9	8.4	8.8	9.2
-36.25°	5.3	6.2	6.6	6.6	6.6	7.0	7.4	7.8	8.2	8.7	9.1
-37.5°	5.2	6.0	6.6	6.6	6.6	6.9	7.3	7.7	8.1	8.5	8.9
-38.75°	5.0	5.8	6.6	6.6	6.6	6.8	7.2	7.5	8.0	8.4	8.8
-40°	4.8	5.7	6.5	6.6	6.6	6.7	7.0	7.4	7.8	8.2	8.6
-41.25°	4.7	5.5	6.3	6.6	6.6	6.6	6.9	7.3	7.7	8.1	8.4
-42.5°	4.5	5.3	6.1	6.6	6.6	6.6	6.8	7.2	7.5	7.9	8.3
-43.75°	4.4	5.1	5.9	6.6	6.6	6.6	6.7	7.0	7.4	7.7	8.1
-45°	4.3	4.9	5.6	6.4	6.6	6.6	6.6	6.9	7.2	7.6	7.9
-46.25°	4.2	4.7	5.4	6.2	6.6	6.6	6.6	6.7	7.1	7.4	7.7
-47.5°	4.1	4.5	5.2	5.9	6.6	6.6	6.6	6.6	6.9	7.2	7.6
-48.75°	4.0	4.3	5.0	5.7	6.4	6.6	6.6	6.6	6.8	7.1	7.4
-50°	3.9	4.2	4.7	5.4	6.1	6.6	6.6	6.6	6.6	6.9	7.2
-51.25°	3.8	4.1	4.5	5.1	5.8	6.5	6.6	6.6	6.6	6.7	7.0
-52.5°	3.7	4.0	4.3	4.9	5.5	6.2	6.6	6.6	6.6	6.6	6.8
-53.75°	3.6	3.9	4.2	4.6	5.2	5.9	6.5	6.6	6.6	6.6	6.7
-55°	3.4	3.8	4.1	4.4	4.9	5.6	6.2	6.6	6.6	6.6	6.6
-56.25°	3.3	3.6	3.9	4.2	4.7	5.2	5.8	6.4	6.6	6.6	6.6
-57.5°	3.2	3.5	3.8	4.1	4.4	4.9	5.5	6.0	6.6	6.6	6.6
-58.75°	3.1	3.4	3.7	3.9	4.2	4.6	5.1	5.7	6.2	6.6	6.6
-60°	3.0	3.3	3.5	3.8	4.1	4.3	4.8	5.3	5.8	6.3	6.6
-61.25°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.9	5.4	5.9	6.4
-62.5°	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.6	5.0	5.5	6.0
-63.75°	2.7	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.6	5.1	5.5
-65°	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.7	5.1
-66.25°	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.6
-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



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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



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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	4.5	4.7
72.5°	3.5	3.7	3.8	3.9	4.1	4.2	4.4	4.6	4.9	5.1	5.4
71.25°	3.8	3.9	4.1	4.2	4.4	4.7	4.9	5.2	5.5	5.8	6.1
70°	4.0	4.2	4.3	4.6	4.9	5.2	5.6	5.9	6.2	6.5	6.6
68.75°	4.2	4.4	4.8	5.1	5.5	5.8	6.2	6.5	6.6	6.6	6.6
67.5°	4.6	4.9	5.3	5.7	6.0	6.4	6.6	6.6	6.6	6.6	6.6
66.25°	5.0	5.4	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6
65°	5.5	5.9	6.3	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.9
63.75°	6.0	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.8	7.0	7.2
62.5°	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.1	7.3	7.5
61.25°	6.6	6.6	6.6	6.6	6.6	6.8	7.0	7.2	7.4	7.6	7.8
60°	6.6	6.6	6.6	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.1
58.75°	6.6	6.6	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.5
57.5°	6.6	6.6	6.8	7.1	7.3	7.5	7.8	8.1	8.3	8.5	8.8
56.25°	6.6	6.8	7.1	7.3	7.5	7.8	8.1	8.3	8.6	8.9	9.1
55°	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.4
53.75°	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2	9.5	9.7
52.5°	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.0
51.25°	7.3	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.8	10.0	10.3
50°	7.5	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6
48.75°	7.7	8.0	8.4	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9
47.5°	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.3	10.6	10.9	11.2
46.25°	8.1	8.4	8.8	9.2	9.5	9.8	10.2	10.5	10.9	11.2	11.5
45°	8.3	8.6	9.0	9.4	9.7	10.1	10.4	10.8	11.1	11.5	11.8
43.75°	8.5	8.8	9.2	9.6	9.9	10.3	10.7	11.0	11.4	11.7	12.1
42.5°	8.7	9.0	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0	12.3
41.25°	8.8	9.2	9.6	10.0	10.4	10.8	11.1	11.5	11.9	12.3	12.6
40°	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.1	12.5	12.9
38.75°	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.1
37.5°	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.4
36.25°	9.5	9.9	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.2	13.6
35°	9.7	10.1	10.5	11.0	11.4	11.8	12.2	12.6	13.1	13.5	13.9



REPORT NUMBER: P220316 (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°
33.75°	9.8	10.3	10.7	11.1	11.6	12.0	12.4	12.9	13.3	13.7	14.1
32.5°	10.0	10.4	10.9	11.3	11.8	12.2	12.6	13.1	13.5	13.9	14.3
31.25°	10.1	10.6	11.0	11.5	11.9	12.4	12.8	13.3	13.7	14.1	14.6
30°	10.3	10.7	11.2	11.6	12.1	12.6	13.0	13.5	13.9	14.3	14.8
28.75°	10.4	10.9	11.3	11.8	12.3	12.7	13.2	13.6	14.1	14.5	15.0
27.5°	10.5	11.0	11.5	12.0	12.4	12.9	13.4	13.8	14.3	14.7	15.2
26.25°	10.7	11.1	11.6	12.1	12.6	13.0	13.5	14.0	14.5	14.9	15.4
25°	10.8	11.3	11.8	12.2	12.7	13.2	13.7	14.2	14.6	15.1	15.6
23.75°	10.9	11.4	11.9	12.4	12.9	13.3	13.8	14.3	14.8	15.3	15.8
22.5°	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.4	15.9
21.25°	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1
20°	11.2	11.7	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.8	16.2
18.75°	11.3	11.8	12.3	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.4
17.5°	11.4	11.9	12.4	12.9	13.5	14.0	14.5	15.0	15.5	16.0	16.4
16.25°	11.5	12.0	12.5	13.0	13.6	14.1	14.6	15.1	15.6	16.2	16.4
15°	11.6	12.1	12.6	13.1	13.7	14.2	14.7	15.2	15.7	16.3	16.4
13.75°	11.6	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.9	16.4	16.4
12.5°	11.7	12.2	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.4	16.4
11.25°	11.7	12.3	12.8	13.4	13.9	14.4	15.0	15.5	16.0	16.4	16.4
10°	11.8	12.3	12.9	13.4	14.0	14.5	15.0	15.6	16.1	16.4	16.4
8.75°	11.8	12.4	12.9	13.5	14.0	14.6	15.1	15.6	16.2	16.4	16.4
7.5°	11.9	12.4	13.0	13.5	14.1	14.6	15.1	15.7	16.2	16.4	16.4
6.25°	11.9	12.5	13.0	13.6	14.1	14.7	15.2	15.7	16.3	16.4	16.4
5°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.8	16.3	16.4	16.4
3.75°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
2.5°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
1.25°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
0°	12.0	12.6	13.1	13.7	14.2	14.8	15.3	15.9	16.4	16.4	16.4
-1.25°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
-2.5°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
-3.75°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	16.4	16.4
-5°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.8	16.3	16.4	16.4
-6.25°	11.9	12.5	13.0	13.6	14.1	14.7	15.2	15.7	16.3	16.4	16.4
-7.5°	11.9	12.4	13.0	13.5	14.1	14.6	15.1	15.7	16.2	16.4	16.4
-8.75°	11.8	12.4	12.9	13.5	14.0	14.6	15.1	15.6	16.2	16.4	16.4
-10°	11.8	12.3	12.9	13.4	14.0	14.5	15.0	15.6	16.1	16.4	16.4
-11.25°	11.7	12.3	12.8	13.4	13.9	14.4	15.0	15.5	16.0	16.4	16.4
-12.5°	11.7	12.2	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.4	16.4
-13.75°	11.6	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.9	16.4	16.4
-15°	11.6	12.1	12.6	13.1	13.7	14.2	14.7	15.2	15.7	16.3	16.4
-16.25°	11.5	12.0	12.5	13.0	13.6	14.1	14.6	15.1	15.6	16.2	16.4
-17.5°	11.4	11.9	12.4	12.9	13.5	14.0	14.5	15.0	15.5	16.0	16.4
-18.75°	11.3	11.8	12.3	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.4
-20°	11.2	11.7	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.8	16.2
-21.25°	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1





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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°	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.4	15.9
-23.75°	10.9	11.4	11.9	12.4	12.9	13.3	13.8	14.3	14.8	15.3	15.8
-25°	10.8	11.3	11.8	12.2	12.7	13.2	13.7	14.2	14.6	15.1	15.6
-26.25°	10.7	11.1	11.6	12.1	12.6	13.0	13.5	14.0	14.5	14.9	15.4
-27.5°	10.5	11.0	11.5	12.0	12.4	12.9	13.4	13.8	14.3	14.7	15.2
-28.75°	10.4	10.9	11.3	11.8	12.3	12.7	13.2	13.6	14.1	14.5	15.0
-30°	10.3	10.7	11.2	11.6	12.1	12.6	13.0	13.5	13.9	14.3	14.8
-31.25°	10.1	10.6	11.0	11.5	11.9	12.4	12.8	13.3	13.7	14.1	14.6
-32.5°	10.0	10.4	10.9	11.3	11.8	12.2	12.6	13.1	13.5	13.9	14.3
-33.75°	9.8	10.3	10.7	11.1	11.6	12.0	12.4	12.9	13.3	13.7	14.1
-35°	9.7	10.1	10.5	11.0	11.4	11.8	12.2	12.6	13.1	13.5	13.9
-36.25°	9.5	9.9	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.2	13.6
-37.5°	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.4
-38.75°	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	12.4	12.8	13.1
-40°	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.1	12.5	12.9
-41.25°	8.8	9.2	9.6	10.0	10.4	10.8	11.1	11.5	11.9	12.3	12.6
-42.5°	8.7	9.0	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0	12.3
-43.75°	8.5	8.8	9.2	9.6	9.9	10.3	10.7	11.0	11.4	11.7	12.1
-45°	8.3	8.6	9.0	9.4	9.7	10.1	10.4	10.8	11.1	11.5	11.8
-46.25°	8.1	8.4	8.8	9.2	9.5	9.8	10.2	10.5	10.9	11.2	11.5
-47.5°	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.3	10.6	10.9	11.2
-48.75°	7.7	8.0	8.4	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9
-50°	7.5	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6
-51.25°	7.3	7.6	7.9	8.2	8.5	8.9	9.2	9.5	9.8	10.0	10.3
-52.5°	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.0
-53.75°	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2	9.5	9.7
-55°	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.4
-56.25°	6.6	6.8	7.1	7.3	7.5	7.8	8.1	8.3	8.6	8.9	9.1
-57.5°	6.6	6.6	6.8	7.1	7.3	7.5	7.8	8.1	8.3	8.5	8.8
-58.75°	6.6	6.6	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.5
-60°	6.6	6.6	6.6	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.1
-61.25°	6.6	6.6	6.6	6.6	6.6	6.8	7.0	7.2	7.4	7.6	7.8
-62.5°	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.9	7.1	7.3	7.5
-63.75°	6.0	6.4	6.6	6.6	6.6	6.6	6.6	6.7	6.8	7.0	7.2
-65°	5.5	5.9	6.3	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.9
-66.25°	5.0	5.4	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-67.5°	4.6	4.9	5.3	5.7	6.0	6.4	6.6	6.6	6.6	6.6	6.6
-68.75°	4.2	4.4	4.8	5.1	5.5	5.8	6.2	6.5	6.6	6.6	6.6
-70°	4.0	4.2	4.3	4.6	4.9	5.2	5.6	5.9	6.2	6.5	6.6
-71.25°	3.8	3.9	4.1	4.2	4.4	4.7	4.9	5.2	5.5	5.8	6.1
-72.5°	3.5	3.7	3.8	3.9	4.1	4.2	4.4	4.6	4.9	5.1	5.4
-73.75°	3.3	3.4	3.5	3.7	3.8	3.9	4.1	4.2	4.3	4.5	4.7
-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: P220316 (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°
-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: P220316 (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°
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	4.5	4.7	4.8	5.0	5.2	5.3
75°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	6.0	6.2
73.75°	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.6	6.6	6.6
72.5°	5.7	5.9	6.2	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6
71.25°	6.4	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	6.6	6.7	6.8	6.9	7.0
68.75°	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.0	7.2	7.3	7.4
67.5°	6.6	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.5	7.7	7.8
66.25°	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2
65°	7.1	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.5	8.7
63.75°	7.4	7.6	7.7	7.9	8.1	8.3	8.4	8.6	8.8	8.9	9.1
62.5°	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.2	9.4	9.5
61.25°	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9
60°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4
58.75°	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8
57.5°	9.0	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8	11.0	11.2
56.25°	9.4	9.6	9.8	10.1	10.3	10.5	10.8	11.0	11.2	11.4	11.6
55°	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	11.6	11.8	12.0
53.75°	10.0	10.3	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.2	12.4
52.5°	10.3	10.6	10.9	11.1	11.4	11.6	11.9	12.1	12.4	12.6	12.8
51.25°	10.6	10.9	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.0	13.2
50°	10.9	11.2	11.5	11.8	12.1	12.3	12.6	12.9	13.1	13.4	13.6
48.75°	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
47.5°	11.5	11.8	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.2	14.4
46.25°	11.8	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8
45°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2
43.75°	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6
42.5°	12.7	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.7	16.0
41.25°	13.0	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	16.0	16.3
40°	13.2	13.6	14.0	14.3	14.7	15.0	15.4	15.7	16.0	16.4	16.4
38.75°	13.5	13.9	14.3	14.6	15.0	15.3	15.7	16.0	16.4	16.4	16.4
37.5°	13.8	14.2	14.5	14.9	15.3	15.7	16.0	16.4	16.4	16.4	16.4
36.25°	14.0	14.4	14.8	15.2	15.6	16.0	16.3	16.4	16.4	16.4	16.7
35°	14.3	14.7	15.1	15.5	15.9	16.2	16.4	16.4	16.4	16.6	17.0



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	14.5	14.9	15.3	15.7	16.1	16.4	16.4	16.4	16.6	17.0	17.3
32.5°	14.8	15.2	15.6	16.0	16.4	16.4	16.4	16.5	16.9	17.3	17.7
31.25°	15.0	15.4	15.8	16.3	16.4	16.4	16.4	16.8	17.2	17.6	18.0
30°	15.2	15.7	16.1	16.4	16.4	16.4	16.7	17.1	17.5	17.9	18.3
28.75°	15.4	15.9	16.3	16.4	16.4	16.5	16.9	17.4	17.8	18.2	18.6
27.5°	15.6	16.1	16.4	16.4	16.4	16.8	17.2	17.6	18.1	18.5	18.9
26.25°	15.9	16.3	16.4	16.4	16.6	17.0	17.5	17.9	18.3	18.8	19.2
25°	16.0	16.4	16.4	16.4	16.8	17.2	17.7	18.1	18.6	19.0	19.5
23.75°	16.2	16.4	16.4	16.5	17.0	17.5	17.9	18.4	18.8	19.3	19.8
22.5°	16.4	16.4	16.4	16.7	17.2	17.7	18.2	18.6	19.1	19.5	20.3
21.25°	16.4	16.4	16.5	16.9	17.4	17.9	18.4	18.8	19.3	19.9	20.7
20°	16.4	16.4	16.6	17.1	17.6	18.1	18.6	19.1	19.5	20.3	21.2
18.75°	16.4	16.4	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.7	21.6
17.5°	16.4	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.2	21.1	22.2
16.25°	16.4	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.5	21.5	22.8
15°	16.4	16.7	17.2	17.8	18.3	18.8	19.3	19.9	20.9	21.8	23.3
13.75°	16.4	16.8	17.4	17.9	18.4	18.9	19.4	20.2	21.2	22.3	23.9
12.5°	16.4	17.0	17.5	18.0	18.5	19.1	19.6	20.5	21.5	22.8	24.4
11.25°	16.5	17.1	17.6	18.1	18.6	19.2	19.7	20.7	21.7	23.2	24.8
10°	16.6	17.2	17.7	18.2	18.8	19.3	19.9	20.9	22.0	23.6	25.3
8.75°	16.7	17.2	17.8	18.3	18.8	19.4	20.1	21.1	22.4	24.0	26.0
7.5°	16.8	17.3	17.8	18.4	18.9	19.5	20.3	21.3	22.6	24.3	26.6
6.25°	16.8	17.4	17.9	18.5	19.0	19.5	20.4	21.5	22.9	24.5	27.2
5°	16.9	17.4	18.0	18.5	19.0	19.6	20.5	21.6	23.1	24.7	27.6
3.75°	16.9	17.5	18.0	18.5	19.1	19.6	20.6	21.7	23.2	24.9	28.0
2.5°	16.9	17.5	18.0	18.6	19.1	19.7	20.7	21.7	23.4	25.0	28.2
1.25°	16.9	17.5	18.0	18.6	19.1	19.7	20.7	21.8	23.4	25.1	28.4
0°	17.0	17.5	18.1	18.6	19.2	19.7	20.8	21.8	23.5	25.1	28.4
-1.25°	16.9	17.5	18.0	18.6	19.1	19.7	20.7	21.8	23.4	25.1	28.4
-2.5°	16.9	17.5	18.0	18.6	19.1	19.7	20.7	21.7	23.4	25.0	28.2
-3.75°	16.9	17.5	18.0	18.5	19.1	19.6	20.6	21.7	23.2	24.9	28.0
-5°	16.9	17.4	18.0	18.5	19.0	19.6	20.5	21.6	23.1	24.7	27.6
-6.25°	16.8	17.4	17.9	18.5	19.0	19.5	20.4	21.5	22.9	24.5	27.2
-7.5°	16.8	17.3	17.8	18.4	18.9	19.5	20.3	21.3	22.6	24.3	26.6
-8.75°	16.7	17.2	17.8	18.3	18.8	19.4	20.1	21.1	22.4	24.0	26.0
-10°	16.6	17.2	17.7	18.2	18.8	19.3	19.9	20.9	22.0	23.6	25.3
-11.25°	16.5	17.1	17.6	18.1	18.6	19.2	19.7	20.7	21.7	23.2	24.8
-12.5°	16.4	17.0	17.5	18.0	18.5	19.1	19.6	20.5	21.5	22.8	24.4
-13.75°	16.4	16.8	17.4	17.9	18.4	18.9	19.4	20.2	21.2	22.3	23.9
-15°	16.4	16.7	17.2	17.8	18.3	18.8	19.3	19.9	20.9	21.8	23.3
-16.25°	16.4	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.5	21.5	22.8
-17.5°	16.4	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.2	21.1	22.2
-18.75°	16.4	16.4	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.7	21.6
-20°	16.4	16.4	16.6	17.1	17.6	18.1	18.6	19.1	19.5	20.3	21.2
-21.25°	16.4	16.4	16.5	16.9	17.4	17.9	18.4	18.8	19.3	19.9	20.7



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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°
-22.5°	16.4	16.4	16.4	16.7	17.2	17.7	18.2	18.6	19.1	19.5	20.3
-23.75°	16.2	16.4	16.4	16.5	17.0	17.5	17.9	18.4	18.8	19.3	19.8
-25°	16.0	16.4	16.4	16.4	16.8	17.2	17.7	18.1	18.6	19.0	19.5
-26.25°	15.9	16.3	16.4	16.4	16.6	17.0	17.5	17.9	18.3	18.8	19.2
-27.5°	15.6	16.1	16.4	16.4	16.4	16.8	17.2	17.6	18.1	18.5	18.9
-28.75°	15.4	15.9	16.3	16.4	16.4	16.5	16.9	17.4	17.8	18.2	18.6
-30°	15.2	15.7	16.1	16.4	16.4	16.4	16.7	17.1	17.5	17.9	18.3
-31.25°	15.0	15.4	15.8	16.3	16.4	16.4	16.4	16.8	17.2	17.6	18.0
-32.5°	14.8	15.2	15.6	16.0	16.4	16.4	16.4	16.5	16.9	17.3	17.7
-33.75°	14.5	14.9	15.3	15.7	16.1	16.4	16.4	16.4	16.6	17.0	17.3
-35°	14.3	14.7	15.1	15.5	15.9	16.2	16.4	16.4	16.4	16.6	17.0
-36.25°	14.0	14.4	14.8	15.2	15.6	16.0	16.3	16.4	16.4	16.4	16.7
-37.5°	13.8	14.2	14.5	14.9	15.3	15.7	16.0	16.4	16.4	16.4	16.4
-38.75°	13.5	13.9	14.3	14.6	15.0	15.3	15.7	16.0	16.4	16.4	16.4
-40°	13.2	13.6	14.0	14.3	14.7	15.0	15.4	15.7	16.0	16.4	16.4
-41.25°	13.0	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	16.0	16.3
-42.5°	12.7	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.7	16.0
-43.75°	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6
-45°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2
-46.25°	11.8	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8
-47.5°	11.5	11.8	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.2	14.4
-48.75°	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
-50°	10.9	11.2	11.5	11.8	12.1	12.3	12.6	12.9	13.1	13.4	13.6
-51.25°	10.6	10.9	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.0	13.2
-52.5°	10.3	10.6	10.9	11.1	11.4	11.6	11.9	12.1	12.4	12.6	12.8
-53.75°	10.0	10.3	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.2	12.4
-55°	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	11.6	11.8	12.0
-56.25°	9.4	9.6	9.8	10.1	10.3	10.5	10.8	11.0	11.2	11.4	11.6
-57.5°	9.0	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8	11.0	11.2
-58.75°	8.7	8.9	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8
-60°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4
-61.25°	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9
-62.5°	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.2	9.4	9.5
-63.75°	7.4	7.6	7.7	7.9	8.1	8.3	8.4	8.6	8.8	8.9	9.1
-65°	7.1	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.5	8.7
-66.25°	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2
-67.5°	6.6	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.5	7.7	7.8
-68.75°	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.0	7.2	7.3	7.4
-70°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.0
-71.25°	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-72.5°	5.7	5.9	6.2	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-73.75°	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.6	6.6	6.6
-75°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	6.0	6.2
-76.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8	5.0	5.2	5.3
-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: P220316 (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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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	4.5	4.6	4.7	4.7
77.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
76.25°	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.6
75°	6.4	6.5	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	6.7	6.8	6.9	6.9	7.0	7.1
71.25°	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5
70°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
68.75°	7.5	7.6	7.7	7.8	7.9	8.1	8.2	8.2	8.3	8.4	8.5
67.5°	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
66.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
65°	8.8	9.0	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.0
63.75°	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.5
62.5°	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.0
61.25°	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.4	11.5
60°	10.5	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.0
58.75°	11.0	11.1	11.3	11.5	11.6	11.8	12.0	12.1	12.2	12.4	12.5
57.5°	11.4	11.6	11.8	11.9	12.1	12.3	12.4	12.6	12.7	12.9	13.0
56.25°	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5
55°	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	14.0
53.75°	12.6	12.9	13.1	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.5
52.5°	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	15.0
51.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.4
50°	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6	15.8	15.9
48.75°	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.9	16.0	16.2	16.4
47.5°	14.7	14.9	15.2	15.4	15.7	15.9	16.1	16.3	16.4	16.4	16.4
46.25°	15.1	15.3	15.6	15.8	16.1	16.3	16.4	16.4	16.4	16.4	16.4
45°	15.5	15.7	16.0	16.3	16.4	16.4	16.4	16.4	16.4	16.5	16.7
43.75°	15.9	16.1	16.4	16.4	16.4	16.4	16.4	16.6	16.8	17.0	17.2
42.5°	16.2	16.4	16.4	16.4	16.4	16.5	16.8	17.0	17.2	17.5	17.7
41.25°	16.4	16.4	16.4	16.4	16.7	16.9	17.2	17.5	17.7	17.9	18.2
40°	16.4	16.4	16.5	16.8	17.1	17.4	17.6	17.9	18.1	18.4	18.6
38.75°	16.4	16.6	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.1
37.5°	16.6	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.0	19.3	19.5
36.25°	17.0	17.3	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.3
35°	17.3	17.7	18.0	18.4	18.7	19.0	19.3	19.6	20.1	20.6	21.1



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	17.7	18.0	18.4	18.7	19.1	19.4	19.7	20.3	20.9	21.4	22.1
32.5°	18.0	18.4	18.8	19.1	19.4	19.9	20.5	21.1	21.7	22.5	23.4
31.25°	18.4	18.7	19.1	19.5	19.9	20.6	21.2	21.9	22.8	23.8	24.7
30°	18.7	19.1	19.4	19.9	20.6	21.3	22.1	23.1	24.1	25.0	26.8
28.75°	19.0	19.4	19.9	20.6	21.3	22.1	23.2	24.2	25.4	27.4	29.3
27.5°	19.3	19.7	20.5	21.2	22.1	23.2	24.3	25.6	27.8	29.8	31.8
26.25°	19.6	20.3	21.1	21.9	23.1	24.2	25.6	27.9	30.0	32.4	35.4
25°	20.1	20.9	21.7	22.8	24.1	25.4	27.8	30.0	32.6	35.8	39.0
23.75°	20.6	21.4	22.5	23.8	25.0	27.4	29.8	32.4	35.8	39.2	43.4
22.5°	21.1	22.1	23.4	24.7	26.8	29.3	31.8	35.4	39.0	43.4	50.1
21.25°	21.6	22.9	24.2	26.0	28.6	31.2	34.7	38.4	42.6	49.7	56.7
20°	22.2	23.6	25.0	27.6	30.3	33.6	37.4	41.2	48.5	55.8	64.3
18.75°	22.9	24.4	26.4	29.2	32.1	36.1	40.1	46.5	54.2	62.2	74.9
17.5°	23.6	25.1	27.9	30.7	34.4	38.5	43.7	51.7	59.6	71.6	93.7
16.25°	24.2	26.3	29.2	32.3	36.6	40.8	48.4	56.7	67.3	86.5	123.7
15°	24.8	27.6	30.5	34.3	38.7	44.4	52.9	61.5	76.6	106.4	159.5
13.75°	25.7	28.7	31.7	36.2	40.6	48.4	57.1	68.9	91.3	136.6	199.4
12.5°	26.7	29.8	33.4	37.9	43.3	52.2	61.1	77.2	110.6	169.1	232.2
11.25°	27.6	30.7	34.9	39.5	46.6	55.6	67.1	89.2	135.4	202.0	260.7
10°	28.5	31.6	36.2	40.9	49.5	58.8	72.5	101.1	160.6	228.3	280.0
8.75°	29.2	32.7	37.5	42.8	52.2	61.8	80.4	120.4	186.2	250.6	296.9
7.5°	29.9	33.8	38.5	45.0	54.5	65.9	88.6	137.3	208.8	267.9	311.9
6.25°	30.4	34.6	39.4	46.9	56.5	69.4	95.6	152.7	225.0	280.1	324.8
5°	30.9	35.3	40.2	48.5	58.2	72.3	103.4	167.9	238.2	290.2	335.5
3.75°	31.2	35.9	40.7	49.7	59.4	74.9	112.4	179.7	248.6	298.1	343.9
2.5°	31.5	36.3	41.2	50.6	60.4	78.0	118.8	188.3	256.0	303.8	349.9
1.25°	31.6	36.5	41.4	51.1	60.9	79.9	122.6	193.4	260.5	307.3	353.6
0°	31.7	36.6	41.5	51.3	61.1	80.5	123.9	195.2	262.0	308.4	354.8
-1.25°	31.6	36.5	41.4	51.1	60.9	79.9	122.6	193.4	260.5	307.3	353.6
-2.5°	31.5	36.3	41.2	50.6	60.4	78.0	118.8	188.3	256.0	303.8	349.9
-3.75°	31.2	35.9	40.7	49.7	59.4	74.9	112.4	179.7	248.6	298.1	343.9
-5°	30.9	35.3	40.2	48.5	58.2	72.3	103.4	167.9	238.2	290.2	335.5
-6.25°	30.4	34.6	39.4	46.9	56.5	69.4	95.6	152.7	225.0	280.1	324.8
-7.5°	29.9	33.8	38.5	45.0	54.5	65.9	88.6	137.3	208.8	267.9	311.9
-8.75°	29.2	32.7	37.5	42.8	52.2	61.8	80.4	120.4	186.2	250.6	296.9
-10°	28.5	31.6	36.2	40.9	49.5	58.8	72.5	101.1	160.6	228.3	280.0
-11.25°	27.6	30.7	34.9	39.5	46.6	55.6	67.1	89.2	135.4	202.0	260.7
-12.5°	26.7	29.8	33.4	37.9	43.3	52.2	61.1	77.2	110.6	169.1	232.2
-13.75°	25.7	28.7	31.7	36.2	40.6	48.4	57.1	68.9	91.3	136.6	199.4
-15°	24.8	27.6	30.5	34.3	38.7	44.4	52.9	61.5	76.6	106.4	159.5
-16.25°	24.2	26.3	29.2	32.3	36.6	40.8	48.4	56.7	67.3	86.5	123.7
-17.5°	23.6	25.1	27.9	30.7	34.4	38.5	43.7	51.7	59.6	71.6	93.7
-18.75°	22.9	24.4	26.4	29.2	32.1	36.1	40.1	46.5	54.2	62.2	74.9
-20°	22.2	23.6	25.0	27.6	30.3	33.6	37.4	41.2	48.5	55.8	64.3
-21.25°	21.6	22.9	24.2	26.0	28.6	31.2	34.7	38.4	42.6	49.7	56.7





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	21.1	22.1	23.4	24.7	26.8	29.3	31.8	35.4	39.0	43.4	50.1
-23.75°	20.6	21.4	22.5	23.8	25.0	27.4	29.8	32.4	35.8	39.2	43.4
-25°	20.1	20.9	21.7	22.8	24.1	25.4	27.8	30.0	32.6	35.8	39.0
-26.25°	19.6	20.3	21.1	21.9	23.1	24.2	25.6	27.9	30.0	32.4	35.4
-27.5°	19.3	19.7	20.5	21.2	22.1	23.2	24.3	25.6	27.8	29.8	31.8
-28.75°	19.0	19.4	19.9	20.6	21.3	22.1	23.2	24.2	25.4	27.4	29.3
-30°	18.7	19.1	19.4	19.9	20.6	21.3	22.1	23.1	24.1	25.0	26.8
-31.25°	18.4	18.7	19.1	19.5	19.9	20.6	21.2	21.9	22.8	23.8	24.7
-32.5°	18.0	18.4	18.8	19.1	19.4	19.9	20.5	21.1	21.7	22.5	23.4
-33.75°	17.7	18.0	18.4	18.7	19.1	19.4	19.7	20.3	20.9	21.4	22.1
-35°	17.3	17.7	18.0	18.4	18.7	19.0	19.3	19.6	20.1	20.6	21.1
-36.25°	17.0	17.3	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.3
-37.5°	16.6	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.0	19.3	19.5
-38.75°	16.4	16.6	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.1
-40°	16.4	16.4	16.5	16.8	17.1	17.4	17.6	17.9	18.1	18.4	18.6
-41.25°	16.4	16.4	16.4	16.4	16.7	16.9	17.2	17.5	17.7	17.9	18.2
-42.5°	16.2	16.4	16.4	16.4	16.4	16.5	16.8	17.0	17.2	17.5	17.7
-43.75°	15.9	16.1	16.4	16.4	16.4	16.4	16.4	16.6	16.8	17.0	17.2
-45°	15.5	15.7	16.0	16.3	16.4	16.4	16.4	16.4	16.4	16.5	16.7
-46.25°	15.1	15.3	15.6	15.8	16.1	16.3	16.4	16.4	16.4	16.4	16.4
-47.5°	14.7	14.9	15.2	15.4	15.7	15.9	16.1	16.3	16.4	16.4	16.4
-48.75°	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.9	16.0	16.2	16.4
-50°	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6	15.8	15.9
-51.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.4
-52.5°	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	15.0
-53.75°	12.6	12.9	13.1	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.5
-55°	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	14.0
-56.25°	11.8	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5
-57.5°	11.4	11.6	11.8	11.9	12.1	12.3	12.4	12.6	12.7	12.9	13.0
-58.75°	11.0	11.1	11.3	11.5	11.6	11.8	12.0	12.1	12.2	12.4	12.5
-60°	10.5	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.0
-61.25°	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.4	11.5
-62.5°	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.0
-63.75°	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.5
-65°	8.8	9.0	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9	10.0
-66.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
-67.5°	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-68.75°	7.5	7.6	7.7	7.8	7.9	8.1	8.2	8.2	8.3	8.4	8.5
-70°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
-71.25°	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5
-72.5°	6.6	6.6	6.6	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.1
-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°	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.6
-77.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	4.5	4.6	4.7	4.7
-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3	5.3	5.4
77.5°	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5
76.25°	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	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
73.75°	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.0
72.5°	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5
71.25°	7.6	7.6	7.7	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.1
70°	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.6
68.75°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.1
67.5°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.6	9.7
66.25°	9.6	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2
65°	10.1	10.2	10.3	10.4	10.4	10.5	10.6	10.6	10.7	10.7	10.8
63.75°	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3	11.3
62.5°	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7	11.8	11.8
61.25°	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4
60°	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9	12.9
58.75°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.4	13.5
57.5°	13.1	13.2	13.4	13.5	13.6	13.7	13.7	13.8	13.9	14.0	14.0
56.25°	13.6	13.7	13.9	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6
55°	14.1	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.0	15.1
53.75°	14.6	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.6
52.5°	15.1	15.3	15.4	15.5	15.6	15.7	15.9	15.9	16.0	16.1	16.2
51.25°	15.6	15.8	15.9	16.0	16.2	16.3	16.4	16.4	16.4	16.4	16.4
50°	16.1	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
48.75°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.6	16.7
47.5°	16.4	16.4	16.4	16.5	16.6	16.7	16.8	17.0	17.1	17.2	17.2
46.25°	16.5	16.6	16.8	17.0	17.1	17.2	17.4	17.5	17.6	17.7	17.8
45°	16.9	17.1	17.3	17.5	17.6	17.8	17.9	18.0	18.1	18.2	18.3
43.75°	17.4	17.6	17.8	18.0	18.1	18.3	18.4	18.5	18.6	18.8	18.8
42.5°	17.9	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4
41.25°	18.4	18.6	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	20.1
40°	18.8	19.1	19.3	19.5	19.6	19.9	20.2	20.5	20.7	20.9	21.1
38.75°	19.3	19.5	19.8	20.2	20.5	20.9	21.2	21.5	21.7	22.0	22.4
37.5°	19.9	20.3	20.7	21.1	21.5	21.8	22.3	22.8	23.2	23.6	24.0
36.25°	20.7	21.2	21.6	22.2	22.8	23.3	23.9	24.4	24.8	25.3	26.0
35°	21.6	22.2	22.9	23.6	24.2	24.8	25.7	26.7	27.6	28.5	29.2



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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°
33.75°	22.9	23.6	24.4	25.1	26.3	27.6	28.7	29.8	30.7	31.6	32.7
32.5°	24.2	25.0	26.4	27.9	29.2	30.5	31.7	33.4	34.9	36.2	37.5
31.25°	26.0	27.6	29.2	30.7	32.3	34.3	36.2	37.9	39.5	40.9	42.8
30°	28.6	30.3	32.1	34.4	36.6	38.7	40.6	43.3	46.6	49.5	52.2
28.75°	31.2	33.6	36.1	38.5	40.8	44.4	48.4	52.2	55.6	58.8	61.8
27.5°	34.7	37.4	40.1	43.7	48.4	52.9	57.1	61.1	67.1	72.5	80.4
26.25°	38.4	41.2	46.5	51.7	56.7	61.5	68.9	77.2	89.2	101.1	120.4
25°	42.6	48.5	54.2	59.6	67.3	76.6	91.3	110.6	135.4	160.6	186.2
23.75°	49.7	55.8	62.2	71.6	86.5	106.4	136.6	169.1	202.0	228.3	250.6
22.5°	56.7	64.3	74.9	93.7	123.7	159.5	199.4	232.2	260.7	280.0	296.9
21.25°	65.0	77.7	98.1	135.3	178.3	220.5	255.0	280.3	302.0	321.9	339.8
20°	77.7	99.7	141.2	189.7	233.4	268.9	295.0	319.6	342.4	367.1	394.3
18.75°	98.1	141.2	193.6	239.9	276.2	305.0	332.4	359.6	394.1	425.9	454.7
17.5°	135.3	189.7	239.9	278.6	310.0	340.1	375.0	413.9	450.3	483.9	530.2
16.25°	178.3	233.4	276.2	310.0	342.7	382.7	425.9	466.8	515.5	572.4	645.9
15°	220.5	268.9	305.0	340.1	382.7	429.9	475.1	536.3	612.9	700.6	814.0
13.75°	255.0	295.0	332.4	375.0	425.9	475.1	543.3	633.6	747.3	882.7	1055.0
12.5°	280.3	319.6	359.6	413.9	466.8	536.3	633.6	763.0	929.5	1132.2	1384.3
11.25°	302.0	342.4	394.1	450.3	515.5	612.9	747.3	929.5	1166.1	1455.5	1790.0
10°	321.9	367.1	425.9	483.9	572.4	700.6	882.7	1132.2	1455.5	1837.2	2237.6
8.75°	339.8	394.3	454.7	530.2	645.9	814.0	1055.0	1384.3	1790.0	2237.6	2675.0
7.5°	356.0	418.4	480.3	574.0	719.7	935.7	1244.7	1650.6	2124.6	2613.8	3073.5
6.25°	375.6	439.2	511.1	627.7	802.6	1062.6	1431.7	1904.6	2433.8	2948.1	3417.5
5°	391.9	456.5	540.7	672.7	873.5	1188.3	1621.9	2146.6	2700.2	3229.6	3698.6
3.75°	404.7	470.2	564.0	714.4	952.2	1304.9	1779.3	2341.4	2913.2	3445.0	3915.1
2.5°	414.0	480.0	584.1	751.6	1009.4	1389.7	1895.9	2485.1	3066.3	3599.5	4076.0
1.25°	419.5	486.0	598.6	774.1	1044.0	1441.3	1975.3	2573.1	3160.3	3694.9	4172.5
0°	421.4	488.0	603.5	781.7	1055.7	1458.6	2001.9	2602.7	3192.0	3727.2	4204.6
-1.25°	419.5	486.0	598.6	774.1	1044.0	1441.3	1975.3	2573.1	3160.3	3694.9	4172.5
-2.5°	414.0	480.0	584.1	751.6	1009.4	1389.7	1895.9	2485.1	3066.3	3599.5	4076.0
-3.75°	404.7	470.2	564.0	714.4	952.2	1304.9	1779.3	2341.4	2913.2	3445.0	3915.1
-5°	391.9	456.5	540.7	672.7	873.5	1188.3	1621.9	2146.6	2700.2	3229.6	3698.6
-6.25°	375.6	439.2	511.1	627.7	802.6	1062.6	1431.7	1904.6	2433.8	2948.1	3417.5
-7.5°	356.0	418.4	480.3	574.0	719.7	935.7	1244.7	1650.6	2124.6	2613.8	3073.5
-8.75°	339.8	394.3	454.7	530.2	645.9	814.0	1055.0	1384.3	1790.0	2237.6	2675.0
-10°	321.9	367.1	425.9	483.9	572.4	700.6	882.7	1132.2	1455.5	1837.2	2237.6
-11.25°	302.0	342.4	394.1	450.3	515.5	612.9	747.3	929.5	1166.1	1455.5	1790.0
-12.5°	280.3	319.6	359.6	413.9	466.8	536.3	633.6	763.0	929.5	1132.2	1384.3
-13.75°	255.0	295.0	332.4	375.0	425.9	475.1	543.3	633.6	747.3	882.7	1055.0
-15°	220.5	268.9	305.0	340.1	382.7	429.9	475.1	536.3	612.9	700.6	814.0
-16.25°	178.3	233.4	276.2	310.0	342.7	382.7	425.9	466.8	515.5	572.4	645.9
-17.5°	135.3	189.7	239.9	278.6	310.0	340.1	375.0	413.9	450.3	483.9	530.2
-18.75°	98.1	141.2	193.6	239.9	276.2	305.0	332.4	359.6	394.1	425.9	454.7
-20°	77.7	99.7	141.2	189.7	233.4	268.9	295.0	319.6	342.4	367.1	394.3
-21.25°	65.0	77.7	98.1	135.3	178.3	220.5	255.0	280.3	302.0	321.9	339.8



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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°
-22.5°	56.7	64.3	74.9	93.7	123.7	159.5	199.4	232.2	260.7	280.0	296.9
-23.75°	49.7	55.8	62.2	71.6	86.5	106.4	136.6	169.1	202.0	228.3	250.6
-25°	42.6	48.5	54.2	59.6	67.3	76.6	91.3	110.6	135.4	160.6	186.2
-26.25°	38.4	41.2	46.5	51.7	56.7	61.5	68.9	77.2	89.2	101.1	120.4
-27.5°	34.7	37.4	40.1	43.7	48.4	52.9	57.1	61.1	67.1	72.5	80.4
-28.75°	31.2	33.6	36.1	38.5	40.8	44.4	48.4	52.2	55.6	58.8	61.8
-30°	28.6	30.3	32.1	34.4	36.6	38.7	40.6	43.3	46.6	49.5	52.2
-31.25°	26.0	27.6	29.2	30.7	32.3	34.3	36.2	37.9	39.5	40.9	42.8
-32.5°	24.2	25.0	26.4	27.9	29.2	30.5	31.7	33.4	34.9	36.2	37.5
-33.75°	22.9	23.6	24.4	25.1	26.3	27.6	28.7	29.8	30.7	31.6	32.7
-35°	21.6	22.2	22.9	23.6	24.2	24.8	25.7	26.7	27.6	28.5	29.2
-36.25°	20.7	21.2	21.6	22.2	22.8	23.3	23.9	24.4	24.8	25.3	26.0
-37.5°	19.9	20.3	20.7	21.1	21.5	21.8	22.3	22.8	23.2	23.6	24.0
-38.75°	19.3	19.5	19.8	20.2	20.5	20.9	21.2	21.5	21.7	22.0	22.4
-40°	18.8	19.1	19.3	19.5	19.6	19.9	20.2	20.5	20.7	20.9	21.1
-41.25°	18.4	18.6	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	20.1
-42.5°	17.9	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4
-43.75°	17.4	17.6	17.8	18.0	18.1	18.3	18.4	18.5	18.6	18.8	18.8
-45°	16.9	17.1	17.3	17.5	17.6	17.8	17.9	18.0	18.1	18.2	18.3
-46.25°	16.5	16.6	16.8	17.0	17.1	17.2	17.4	17.5	17.6	17.7	17.8
-47.5°	16.4	16.4	16.4	16.5	16.6	16.7	16.8	17.0	17.1	17.2	17.2
-48.75°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.6	16.7
-50°	16.1	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
-51.25°	15.6	15.8	15.9	16.0	16.2	16.3	16.4	16.4	16.4	16.4	16.4
-52.5°	15.1	15.3	15.4	15.5	15.6	15.7	15.9	15.9	16.0	16.1	16.2
-53.75°	14.6	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.6
-55°	14.1	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.0	15.1
-56.25°	13.6	13.7	13.9	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6
-57.5°	13.1	13.2	13.4	13.5	13.6	13.7	13.7	13.8	13.9	14.0	14.0
-58.75°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.4	13.5
-60°	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9	12.9
-61.25°	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4
-62.5°	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.7	11.8	11.8
-63.75°	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3	11.3
-65°	10.1	10.2	10.3	10.4	10.4	10.5	10.6	10.6	10.7	10.7	10.8
-66.25°	9.6	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2
-67.5°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.6	9.7
-68.75°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.1
-70°	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.6	8.6
-71.25°	7.6	7.6	7.7	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.1
-72.5°	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5
-73.75°	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.0
-75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-77.5°	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3	5.3	5.4
-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
77.5°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
76.25°	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	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
73.75°	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
71.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
70°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
68.75°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
67.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
66.25°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
65°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
63.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
62.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
61.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
60°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
58.75°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
57.5°	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.1
56.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.8	14.7	14.7	14.7	14.7
55°	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2
53.75°	15.7	15.7	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
52.5°	16.2	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3
51.25°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
50°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
48.75°	16.8	16.8	16.9	16.9	16.9	16.9	17.0	16.9	16.9	16.9	16.9
47.5°	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
46.25°	17.8	17.9	18.0	18.0	18.0	18.0	18.1	18.0	18.0	18.0	18.0
45°	18.4	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
43.75°	18.9	19.0	19.0	19.1	19.1	19.1	19.2	19.1	19.1	19.1	19.0
42.5°	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.6	19.6
41.25°	20.3	20.4	20.5	20.6	20.7	20.7	20.8	20.7	20.7	20.6	20.5
40°	21.3	21.5	21.6	21.7	21.7	21.8	21.8	21.8	21.7	21.7	21.6
38.75°	22.6	22.9	23.1	23.2	23.4	23.4	23.5	23.4	23.4	23.2	23.1
37.5°	24.3	24.5	24.7	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.7
36.25°	26.6	27.2	27.6	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.6
35°	29.9	30.4	30.9	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.9



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°
33.75°	33.8	34.6	35.3	35.9	36.3	36.5	36.6	36.5	36.3	35.9	35.3
32.5°	38.5	39.4	40.2	40.7	41.2	41.4	41.5	41.4	41.2	40.7	40.2
31.25°	45.0	46.9	48.5	49.7	50.6	51.1	51.3	51.1	50.6	49.7	48.5
30°	54.5	56.5	58.2	59.4	60.4	60.9	61.1	60.9	60.4	59.4	58.2
28.75°	65.9	69.4	72.3	74.9	78.0	79.9	80.5	79.9	78.0	74.9	72.3
27.5°	88.6	95.6	103.4	112.4	118.8	122.6	123.9	122.6	118.8	112.4	103.4
26.25°	137.3	152.7	167.9	179.7	188.3	193.4	195.2	193.4	188.3	179.7	167.9
25°	208.8	225.0	238.2	248.6	256.0	260.5	262.0	260.5	256.0	248.6	238.2
23.75°	267.9	280.1	290.2	298.1	303.8	307.3	308.4	307.3	303.8	298.1	290.2
22.5°	311.9	324.8	335.5	343.9	349.9	353.6	354.8	353.6	349.9	343.9	335.5
21.25°	356.0	375.6	391.9	404.7	414.0	419.5	421.4	419.5	414.0	404.7	391.9
20°	418.4	439.2	456.5	470.2	480.0	486.0	488.0	486.0	480.0	470.2	456.5
18.75°	480.3	511.1	540.7	564.0	584.1	598.6	603.5	598.6	584.1	564.0	540.7
17.5°	574.0	627.7	672.7	714.4	751.6	774.1	781.7	774.1	751.6	714.4	672.7
16.25°	719.7	802.6	873.5	952.2	1009.4	1044.0	1055.7	1044.0	1009.4	952.2	873.5
15°	935.7	1062.6	1188.3	1304.9	1389.7	1441.3	1458.6	1441.3	1389.7	1304.9	1188.3
13.75°	1244.7	1431.7	1621.9	1779.3	1895.9	1975.3	2001.9	1975.3	1895.9	1779.3	1621.9
12.5°	1650.6	1904.6	2146.6	2341.4	2485.1	2573.1	2602.7	2573.1	2485.1	2341.4	2146.6
11.25°	2124.6	2433.8	2700.2	2913.2	3066.3	3160.3	3192.0	3160.3	3066.3	2913.2	2700.2
10°	2613.8	2948.1	3229.6	3445.0	3599.5	3694.9	3727.2	3694.9	3599.5	3445.0	3229.6
8.75°	3073.5	3417.5	3698.6	3915.1	4076.0	4172.5	4204.6	4172.5	4076.0	3915.1	3698.6
7.5°	3479.3	3823.3	4111.4	4338.9	4509.3	4609.0	4643.2	4609.0	4509.3	4338.9	4111.4
6.25°	3823.3	4175.5	4478.0	4714.6	4889.4	4995.2	5031.8	4995.2	4889.4	4714.6	4478.0
5°	4111.4	4478.0	4787.0	5032.6	5213.8	5327.9	5368.1	5327.9	5213.8	5032.6	4787.0
3.75°	4338.9	4714.6	5032.6	5289.1	5478.1	5598.9	5633.7	5598.9	5478.1	5289.1	5032.6
2.5°	4509.3	4889.4	5213.8	5478.1	5670.5	5787.7	5824.4	5787.7	5670.5	5478.1	5213.8
1.25°	4609.0	4995.2	5327.9	5598.9	5787.7	5906.6	5951.3	5906.6	5787.7	5598.9	5327.9
0°	4643.2	5031.8	5368.1	5633.7	5824.4	5951.3	6014.4	5951.3	5824.4	5633.7	5368.1
-1.25°	4609.0	4995.2	5327.9	5598.9	5787.7	5906.6	5951.3	5906.6	5787.7	5598.9	5327.9
-2.5°	4509.3	4889.4	5213.8	5478.1	5670.5	5787.7	5824.4	5787.7	5670.5	5478.1	5213.8
-3.75°	4338.9	4714.6	5032.6	5289.1	5478.1	5598.9	5633.7	5598.9	5478.1	5289.1	5032.6
-5°	4111.4	4478.0	4787.0	5032.6	5213.8	5327.9	5368.1	5327.9	5213.8	5032.6	4787.0
-6.25°	3823.3	4175.5	4478.0	4714.6	4889.4	4995.2	5031.8	4995.2	4889.4	4714.6	4478.0
-7.5°	3479.3	3823.3	4111.4	4338.9	4509.3	4609.0	4643.2	4609.0	4509.3	4338.9	4111.4
-8.75°	3073.5	3417.5	3698.6	3915.1	4076.0	4172.5	4204.6	4172.5	4076.0	3915.1	3698.6
-10°	2613.8	2948.1	3229.6	3445.0	3599.5	3694.9	3727.2	3694.9	3599.5	3445.0	3229.6
-11.25°	2124.6	2433.8	2700.2	2913.2	3066.3	3160.3	3192.0	3160.3	3066.3	2913.2	2700.2
-12.5°	1650.6	1904.6	2146.6	2341.4	2485.1	2573.1	2602.7	2573.1	2485.1	2341.4	2146.6
-13.75°	1244.7	1431.7	1621.9	1779.3	1895.9	1975.3	2001.9	1975.3	1895.9	1779.3	1621.9
-15°	935.7	1062.6	1188.3	1304.9	1389.7	1441.3	1458.6	1441.3	1389.7	1304.9	1188.3
-16.25°	719.7	802.6	873.5	952.2	1009.4	1044.0	1055.7	1044.0	1009.4	952.2	873.5
-17.5°	574.0	627.7	672.7	714.4	751.6	774.1	781.7	774.1	751.6	714.4	672.7
-18.75°	480.3	511.1	540.7	564.0	584.1	598.6	603.5	598.6	584.1	564.0	540.7
-20°	418.4	439.2	456.5	470.2	480.0	486.0	488.0	486.0	480.0	470.2	456.5
-21.25°	356.0	375.6	391.9	404.7	414.0	419.5	421.4	419.5	414.0	404.7	391.9





REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	311.9	324.8	335.5	343.9	349.9	353.6	354.8	353.6	349.9	343.9	335.5
-23.75°	267.9	280.1	290.2	298.1	303.8	307.3	308.4	307.3	303.8	298.1	290.2
-25°	208.8	225.0	238.2	248.6	256.0	260.5	262.0	260.5	256.0	248.6	238.2
-26.25°	137.3	152.7	167.9	179.7	188.3	193.4	195.2	193.4	188.3	179.7	167.9
-27.5°	88.6	95.6	103.4	112.4	118.8	122.6	123.9	122.6	118.8	112.4	103.4
-28.75°	65.9	69.4	72.3	74.9	78.0	79.9	80.5	79.9	78.0	74.9	72.3
-30°	54.5	56.5	58.2	59.4	60.4	60.9	61.1	60.9	60.4	59.4	58.2
-31.25°	45.0	46.9	48.5	49.7	50.6	51.1	51.3	51.1	50.6	49.7	48.5
-32.5°	38.5	39.4	40.2	40.7	41.2	41.4	41.5	41.4	41.2	40.7	40.2
-33.75°	33.8	34.6	35.3	35.9	36.3	36.5	36.6	36.5	36.3	35.9	35.3
-35°	29.9	30.4	30.9	31.2	31.5	31.6	31.7	31.6	31.5	31.2	30.9
-36.25°	26.6	27.2	27.6	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.6
-37.5°	24.3	24.5	24.7	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.7
-38.75°	22.6	22.9	23.1	23.2	23.4	23.4	23.5	23.4	23.4	23.2	23.1
-40°	21.3	21.5	21.6	21.7	21.7	21.8	21.8	21.8	21.7	21.7	21.6
-41.25°	20.3	20.4	20.5	20.6	20.7	20.7	20.8	20.7	20.7	20.6	20.5
-42.5°	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.6	19.6
-43.75°	18.9	19.0	19.0	19.1	19.1	19.1	19.2	19.1	19.1	19.1	19.0
-45°	18.4	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-46.25°	17.8	17.9	18.0	18.0	18.0	18.0	18.1	18.0	18.0	18.0	18.0
-47.5°	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
-48.75°	16.8	16.8	16.9	16.9	16.9	16.9	17.0	16.9	16.9	16.9	16.9
-50°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
-51.25°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
-52.5°	16.2	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3
-53.75°	15.7	15.7	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
-55°	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2
-56.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.8	14.7	14.7	14.7	14.7
-57.5°	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.1
-58.75°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
-60°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-61.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
-62.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-63.75°	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
-65°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
-66.25°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
-67.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-68.75°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
-70°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-71.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
-72.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-73.75°	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
-75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-77.5°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-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



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1	5.0	5.0
77.5°	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0
76.25°	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	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
73.75°	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7
72.5°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2
71.25°	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.7
70°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.3	8.2
68.75°	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.7
67.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.4	9.4	9.3	9.2
66.25°	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.8
65°	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.4	10.3
63.75°	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8
62.5°	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4	11.3
61.25°	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	11.9	11.8
60°	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3
58.75°	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8
57.5°	14.1	14.1	14.0	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4
56.25°	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.2	14.1	14.0	13.9
55°	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.4
53.75°	15.7	15.7	15.6	15.6	15.5	15.4	15.3	15.2	15.1	15.0	14.9
52.5°	16.3	16.2	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4
51.25°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3	16.2	16.0	15.9
50°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
48.75°	16.8	16.8	16.7	16.6	16.5	16.4	16.4	16.4	16.4	16.4	16.4
47.5°	17.4	17.3	17.2	17.2	17.1	17.0	16.8	16.7	16.6	16.5	16.4
46.25°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.2	17.1	17.0	16.8
45°	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.8	17.6	17.5	17.3
43.75°	19.0	18.9	18.8	18.8	18.6	18.5	18.4	18.3	18.1	18.0	17.8
42.5°	19.5	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5	18.3
41.25°	20.4	20.3	20.1	19.9	19.7	19.6	19.4	19.3	19.1	19.0	18.8
40°	21.5	21.3	21.1	20.9	20.7	20.5	20.2	19.9	19.6	19.5	19.3
38.75°	22.9	22.6	22.4	22.0	21.7	21.5	21.2	20.9	20.5	20.2	19.8
37.5°	24.5	24.3	24.0	23.6	23.2	22.8	22.3	21.8	21.5	21.1	20.7
36.25°	27.2	26.6	26.0	25.3	24.8	24.4	23.9	23.3	22.8	22.2	21.6
35°	30.4	29.9	29.2	28.5	27.6	26.7	25.7	24.8	24.2	23.6	22.9



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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°	34.6	33.8	32.7	31.6	30.7	29.8	28.7	27.6	26.3	25.1	24.4
32.5°	39.4	38.5	37.5	36.2	34.9	33.4	31.7	30.5	29.2	27.9	26.4
31.25°	46.9	45.0	42.8	40.9	39.5	37.9	36.2	34.3	32.3	30.7	29.2
30°	56.5	54.5	52.2	49.5	46.6	43.3	40.6	38.7	36.6	34.4	32.1
28.75°	69.4	65.9	61.8	58.8	55.6	52.2	48.4	44.4	40.8	38.5	36.1
27.5°	95.6	88.6	80.4	72.5	67.1	61.1	57.1	52.9	48.4	43.7	40.1
26.25°	152.7	137.3	120.4	101.1	89.2	77.2	68.9	61.5	56.7	51.7	46.5
25°	225.0	208.8	186.2	160.6	135.4	110.6	91.3	76.6	67.3	59.6	54.2
23.75°	280.1	267.9	250.6	228.3	202.0	169.1	136.6	106.4	86.5	71.6	62.2
22.5°	324.8	311.9	296.9	280.0	260.7	232.2	199.4	159.5	123.7	93.7	74.9
21.25°	375.6	356.0	339.8	321.9	302.0	280.3	255.0	220.5	178.3	135.3	98.1
20°	439.2	418.4	394.3	367.1	342.4	319.6	295.0	268.9	233.4	189.7	141.2
18.75°	511.1	480.3	454.7	425.9	394.1	359.6	332.4	305.0	276.2	239.9	193.6
17.5°	627.7	574.0	530.2	483.9	450.3	413.9	375.0	340.1	310.0	278.6	239.9
16.25°	802.6	719.7	645.9	572.4	515.5	466.8	425.9	382.7	342.7	310.0	276.2
15°	1062.6	935.7	814.0	700.6	612.9	536.3	475.1	429.9	382.7	340.1	305.0
13.75°	1431.7	1244.7	1055.0	882.7	747.3	633.6	543.3	475.1	425.9	375.0	332.4
12.5°	1904.6	1650.6	1384.3	1132.2	929.5	763.0	633.6	536.3	466.8	413.9	359.6
11.25°	2433.8	2124.6	1790.0	1455.5	1166.1	929.5	747.3	612.9	515.5	450.3	394.1
10°	2948.1	2613.8	2237.6	1837.2	1455.5	1132.2	882.7	700.6	572.4	483.9	425.9
8.75°	3417.5	3073.5	2675.0	2237.6	1790.0	1384.3	1055.0	814.0	645.9	530.2	454.7
7.5°	3823.3	3479.3	3073.5	2613.8	2124.6	1650.6	1244.7	935.7	719.7	574.0	480.3
6.25°	4175.5	3823.3	3417.5	2948.1	2433.8	1904.6	1431.7	1062.6	802.6	627.7	511.1
5°	4478.0	4111.4	3698.6	3229.6	2700.2	2146.6	1621.9	1188.3	873.5	672.7	540.7
3.75°	4714.6	4338.9	3915.1	3445.0	2913.2	2341.4	1779.3	1304.9	952.2	714.4	564.0
2.5°	4889.4	4509.3	4076.0	3599.5	3066.3	2485.1	1895.9	1389.7	1009.4	751.6	584.1
1.25°	4995.2	4609.0	4172.5	3694.9	3160.3	2573.1	1975.3	1441.3	1044.0	774.1	598.6
0°	5031.8	4643.2	4204.6	3727.2	3192.0	2602.7	2001.9	1458.6	1055.7	781.7	603.5
-1.25°	4995.2	4609.0	4172.5	3694.9	3160.3	2573.1	1975.3	1441.3	1044.0	774.1	598.6
-2.5°	4889.4	4509.3	4076.0	3599.5	3066.3	2485.1	1895.9	1389.7	1009.4	751.6	584.1
-3.75°	4714.6	4338.9	3915.1	3445.0	2913.2	2341.4	1779.3	1304.9	952.2	714.4	564.0
-5°	4478.0	4111.4	3698.6	3229.6	2700.2	2146.6	1621.9	1188.3	873.5	672.7	540.7
-6.25°	4175.5	3823.3	3417.5	2948.1	2433.8	1904.6	1431.7	1062.6	802.6	627.7	511.1
-7.5°	3823.3	3479.3	3073.5	2613.8	2124.6	1650.6	1244.7	935.7	719.7	574.0	480.3
-8.75°	3417.5	3073.5	2675.0	2237.6	1790.0	1384.3	1055.0	814.0	645.9	530.2	454.7
-10°	2948.1	2613.8	2237.6	1837.2	1455.5	1132.2	882.7	700.6	572.4	483.9	425.9
-11.25°	2433.8	2124.6	1790.0	1455.5	1166.1	929.5	747.3	612.9	515.5	450.3	394.1
-12.5°	1904.6	1650.6	1384.3	1132.2	929.5	763.0	633.6	536.3	466.8	413.9	359.6
-13.75°	1431.7	1244.7	1055.0	882.7	747.3	633.6	543.3	475.1	425.9	375.0	332.4
-15°	1062.6	935.7	814.0	700.6	612.9	536.3	475.1	429.9	382.7	340.1	305.0
-16.25°	802.6	719.7	645.9	572.4	515.5	466.8	425.9	382.7	342.7	310.0	276.2
-17.5°	627.7	574.0	530.2	483.9	450.3	413.9	375.0	340.1	310.0	278.6	239.9
-18.75°	511.1	480.3	454.7	425.9	394.1	359.6	332.4	305.0	276.2	239.9	193.6
-20°	439.2	418.4	394.3	367.1	342.4	319.6	295.0	268.9	233.4	189.7	141.2
-21.25°	375.6	356.0	339.8	321.9	302.0	280.3	255.0	220.5	178.3	135.3	98.1



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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°	324.8	311.9	296.9	280.0	260.7	232.2	199.4	159.5	123.7	93.7	74.9
-23.75°	280.1	267.9	250.6	228.3	202.0	169.1	136.6	106.4	86.5	71.6	62.2
-25°	225.0	208.8	186.2	160.6	135.4	110.6	91.3	76.6	67.3	59.6	54.2
-26.25°	152.7	137.3	120.4	101.1	89.2	77.2	68.9	61.5	56.7	51.7	46.5
-27.5°	95.6	88.6	80.4	72.5	67.1	61.1	57.1	52.9	48.4	43.7	40.1
-28.75°	69.4	65.9	61.8	58.8	55.6	52.2	48.4	44.4	40.8	38.5	36.1
-30°	56.5	54.5	52.2	49.5	46.6	43.3	40.6	38.7	36.6	34.4	32.1
-31.25°	46.9	45.0	42.8	40.9	39.5	37.9	36.2	34.3	32.3	30.7	29.2
-32.5°	39.4	38.5	37.5	36.2	34.9	33.4	31.7	30.5	29.2	27.9	26.4
-33.75°	34.6	33.8	32.7	31.6	30.7	29.8	28.7	27.6	26.3	25.1	24.4
-35°	30.4	29.9	29.2	28.5	27.6	26.7	25.7	24.8	24.2	23.6	22.9
-36.25°	27.2	26.6	26.0	25.3	24.8	24.4	23.9	23.3	22.8	22.2	21.6
-37.5°	24.5	24.3	24.0	23.6	23.2	22.8	22.3	21.8	21.5	21.1	20.7
-38.75°	22.9	22.6	22.4	22.0	21.7	21.5	21.2	20.9	20.5	20.2	19.8
-40°	21.5	21.3	21.1	20.9	20.7	20.5	20.2	19.9	19.6	19.5	19.3
-41.25°	20.4	20.3	20.1	19.9	19.7	19.6	19.4	19.3	19.1	19.0	18.8
-42.5°	19.5	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5	18.3
-43.75°	19.0	18.9	18.8	18.8	18.6	18.5	18.4	18.3	18.1	18.0	17.8
-45°	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.8	17.6	17.5	17.3
-46.25°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.2	17.1	17.0	16.8
-47.5°	17.4	17.3	17.2	17.2	17.1	17.0	16.8	16.7	16.6	16.5	16.4
-48.75°	16.8	16.8	16.7	16.6	16.5	16.4	16.4	16.4	16.4	16.4	16.4
-50°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
-51.25°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3	16.2	16.0	15.9
-52.5°	16.3	16.2	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4
-53.75°	15.7	15.7	15.6	15.6	15.5	15.4	15.3	15.2	15.1	15.0	14.9
-55°	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.4
-56.25°	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.2	14.1	14.0	13.9
-57.5°	14.1	14.1	14.0	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4
-58.75°	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8
-60°	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3
-61.25°	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	11.9	11.8
-62.5°	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.6	11.5	11.4	11.3
-63.75°	11.4	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8
-65°	10.8	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.4	10.3
-66.25°	10.3	10.3	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8	9.8
-67.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.4	9.4	9.3	9.2
-68.75°	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.7
-70°	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.3	8.2
-71.25°	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.7
-72.5°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2
-73.75°	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7
-75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-77.5°	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1	5.0	5.0
-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



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.2
77.5°	5.9	5.8	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9
76.25°	6.6	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8
75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
73.75°	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
72.5°	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.6
71.25°	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9
70°	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
68.75°	8.7	8.6	8.5	8.4	8.3	8.2	8.2	8.1	7.9	7.8	7.7
67.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
66.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6
65°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.3	9.2	9.1
63.75°	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5
62.5°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0
61.25°	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4
60°	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3	11.2	11.0	10.9
58.75°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.6	11.5	11.3
57.5°	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.3	12.1	11.9	11.8
56.25°	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.6	12.4	12.2
55°	14.3	14.1	14.0	13.8	13.7	13.5	13.4	13.2	13.0	12.8	12.6
53.75°	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.6	13.5	13.3	13.1
52.5°	15.3	15.1	15.0	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.5
51.25°	15.8	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9
50°	16.2	16.1	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3
48.75°	16.4	16.4	16.4	16.2	16.0	15.9	15.6	15.4	15.2	15.0	14.8
47.5°	16.4	16.4	16.4	16.4	16.4	16.3	16.1	15.9	15.7	15.4	15.2
46.25°	16.6	16.5	16.4	16.4	16.4	16.4	16.4	16.3	16.1	15.8	15.6
45°	17.1	16.9	16.7	16.5	16.4	16.4	16.4	16.4	16.4	16.3	16.0
43.75°	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.4	16.4	16.4	16.4
42.5°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.5	16.4	16.4	16.4
41.25°	18.6	18.4	18.2	17.9	17.7	17.5	17.2	16.9	16.7	16.4	16.4
40°	19.1	18.8	18.6	18.4	18.1	17.9	17.6	17.4	17.1	16.8	16.5
38.75°	19.5	19.3	19.1	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
37.5°	20.3	19.9	19.5	19.3	19.0	18.8	18.5	18.2	17.9	17.6	17.3
36.25°	21.2	20.7	20.3	19.8	19.5	19.2	18.9	18.6	18.3	18.0	17.7
35°	22.2	21.6	21.1	20.6	20.1	19.6	19.3	19.0	18.7	18.4	18.0



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	23.6	22.9	22.1	21.4	20.9	20.3	19.7	19.4	19.1	18.7	18.4
32.5°	25.0	24.2	23.4	22.5	21.7	21.1	20.5	19.9	19.4	19.1	18.8
31.25°	27.6	26.0	24.7	23.8	22.8	21.9	21.2	20.6	19.9	19.5	19.1
30°	30.3	28.6	26.8	25.0	24.1	23.1	22.1	21.3	20.6	19.9	19.4
28.75°	33.6	31.2	29.3	27.4	25.4	24.2	23.2	22.1	21.3	20.6	19.9
27.5°	37.4	34.7	31.8	29.8	27.8	25.6	24.3	23.2	22.1	21.2	20.5
26.25°	41.2	38.4	35.4	32.4	30.0	27.9	25.6	24.2	23.1	21.9	21.1
25°	48.5	42.6	39.0	35.8	32.6	30.0	27.8	25.4	24.1	22.8	21.7
23.75°	55.8	49.7	43.4	39.2	35.8	32.4	29.8	27.4	25.0	23.8	22.5
22.5°	64.3	56.7	50.1	43.4	39.0	35.4	31.8	29.3	26.8	24.7	23.4
21.25°	77.7	65.0	56.7	49.7	42.6	38.4	34.7	31.2	28.6	26.0	24.2
20°	99.7	77.7	64.3	55.8	48.5	41.2	37.4	33.6	30.3	27.6	25.0
18.75°	141.2	98.1	74.9	62.2	54.2	46.5	40.1	36.1	32.1	29.2	26.4
17.5°	189.7	135.3	93.7	71.6	59.6	51.7	43.7	38.5	34.4	30.7	27.9
16.25°	233.4	178.3	123.7	86.5	67.3	56.7	48.4	40.8	36.6	32.3	29.2
15°	268.9	220.5	159.5	106.4	76.6	61.5	52.9	44.4	38.7	34.3	30.5
13.75°	295.0	255.0	199.4	136.6	91.3	68.9	57.1	48.4	40.6	36.2	31.7
12.5°	319.6	280.3	232.2	169.1	110.6	77.2	61.1	52.2	43.3	37.9	33.4
11.25°	342.4	302.0	260.7	202.0	135.4	89.2	67.1	55.6	46.6	39.5	34.9
10°	367.1	321.9	280.0	228.3	160.6	101.1	72.5	58.8	49.5	40.9	36.2
8.75°	394.3	339.8	296.9	250.6	186.2	120.4	80.4	61.8	52.2	42.8	37.5
7.5°	418.4	356.0	311.9	267.9	208.8	137.3	88.6	65.9	54.5	45.0	38.5
6.25°	439.2	375.6	324.8	280.1	225.0	152.7	95.6	69.4	56.5	46.9	39.4
5°	456.5	391.9	335.5	290.2	238.2	167.9	103.4	72.3	58.2	48.5	40.2
3.75°	470.2	404.7	343.9	298.1	248.6	179.7	112.4	74.9	59.4	49.7	40.7
2.5°	480.0	414.0	349.9	303.8	256.0	188.3	118.8	78.0	60.4	50.6	41.2
1.25°	486.0	419.5	353.6	307.3	260.5	193.4	122.6	79.9	60.9	51.1	41.4
0°	488.0	421.4	354.8	308.4	262.0	195.2	123.9	80.5	61.1	51.3	41.5
-1.25°	486.0	419.5	353.6	307.3	260.5	193.4	122.6	79.9	60.9	51.1	41.4
-2.5°	480.0	414.0	349.9	303.8	256.0	188.3	118.8	78.0	60.4	50.6	41.2
-3.75°	470.2	404.7	343.9	298.1	248.6	179.7	112.4	74.9	59.4	49.7	40.7
-5°	456.5	391.9	335.5	290.2	238.2	167.9	103.4	72.3	58.2	48.5	40.2
-6.25°	439.2	375.6	324.8	280.1	225.0	152.7	95.6	69.4	56.5	46.9	39.4
-7.5°	418.4	356.0	311.9	267.9	208.8	137.3	88.6	65.9	54.5	45.0	38.5
-8.75°	394.3	339.8	296.9	250.6	186.2	120.4	80.4	61.8	52.2	42.8	37.5
-10°	367.1	321.9	280.0	228.3	160.6	101.1	72.5	58.8	49.5	40.9	36.2
-11.25°	342.4	302.0	260.7	202.0	135.4	89.2	67.1	55.6	46.6	39.5	34.9
-12.5°	319.6	280.3	232.2	169.1	110.6	77.2	61.1	52.2	43.3	37.9	33.4
-13.75°	295.0	255.0	199.4	136.6	91.3	68.9	57.1	48.4	40.6	36.2	31.7
-15°	268.9	220.5	159.5	106.4	76.6	61.5	52.9	44.4	38.7	34.3	30.5
-16.25°	233.4	178.3	123.7	86.5	67.3	56.7	48.4	40.8	36.6	32.3	29.2
-17.5°	189.7	135.3	93.7	71.6	59.6	51.7	43.7	38.5	34.4	30.7	27.9
-18.75°	141.2	98.1	74.9	62.2	54.2	46.5	40.1	36.1	32.1	29.2	26.4
-20°	99.7	77.7	64.3	55.8	48.5	41.2	37.4	33.6	30.3	27.6	25.0
-21.25°	77.7	65.0	56.7	49.7	42.6	38.4	34.7	31.2	28.6	26.0	24.2





REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	64.3	56.7	50.1	43.4	39.0	35.4	31.8	29.3	26.8	24.7	23.4
-23.75°	55.8	49.7	43.4	39.2	35.8	32.4	29.8	27.4	25.0	23.8	22.5
-25°	48.5	42.6	39.0	35.8	32.6	30.0	27.8	25.4	24.1	22.8	21.7
-26.25°	41.2	38.4	35.4	32.4	30.0	27.9	25.6	24.2	23.1	21.9	21.1
-27.5°	37.4	34.7	31.8	29.8	27.8	25.6	24.3	23.2	22.1	21.2	20.5
-28.75°	33.6	31.2	29.3	27.4	25.4	24.2	23.2	22.1	21.3	20.6	19.9
-30°	30.3	28.6	26.8	25.0	24.1	23.1	22.1	21.3	20.6	19.9	19.4
-31.25°	27.6	26.0	24.7	23.8	22.8	21.9	21.2	20.6	19.9	19.5	19.1
-32.5°	25.0	24.2	23.4	22.5	21.7	21.1	20.5	19.9	19.4	19.1	18.8
-33.75°	23.6	22.9	22.1	21.4	20.9	20.3	19.7	19.4	19.1	18.7	18.4
-35°	22.2	21.6	21.1	20.6	20.1	19.6	19.3	19.0	18.7	18.4	18.0
-36.25°	21.2	20.7	20.3	19.8	19.5	19.2	18.9	18.6	18.3	18.0	17.7
-37.5°	20.3	19.9	19.5	19.3	19.0	18.8	18.5	18.2	17.9	17.6	17.3
-38.75°	19.5	19.3	19.1	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
-40°	19.1	18.8	18.6	18.4	18.1	17.9	17.6	17.4	17.1	16.8	16.5
-41.25°	18.6	18.4	18.2	17.9	17.7	17.5	17.2	16.9	16.7	16.4	16.4
-42.5°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.5	16.4	16.4	16.4
-43.75°	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.4	16.4	16.4	16.4
-45°	17.1	16.9	16.7	16.5	16.4	16.4	16.4	16.4	16.4	16.3	16.0
-46.25°	16.6	16.5	16.4	16.4	16.4	16.4	16.4	16.3	16.1	15.8	15.6
-47.5°	16.4	16.4	16.4	16.4	16.4	16.3	16.1	15.9	15.7	15.4	15.2
-48.75°	16.4	16.4	16.4	16.2	16.0	15.9	15.6	15.4	15.2	15.0	14.8
-50°	16.2	16.1	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3
-51.25°	15.8	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9
-52.5°	15.3	15.1	15.0	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.5
-53.75°	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.6	13.5	13.3	13.1
-55°	14.3	14.1	14.0	13.8	13.7	13.5	13.4	13.2	13.0	12.8	12.6
-56.25°	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.6	12.4	12.2
-57.5°	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.3	12.1	11.9	11.8
-58.75°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.6	11.5	11.3
-60°	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3	11.2	11.0	10.9
-61.25°	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4
-62.5°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0
-63.75°	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5
-65°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.3	9.2	9.1
-66.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6
-67.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
-68.75°	8.7	8.6	8.5	8.4	8.3	8.2	8.2	8.1	7.9	7.8	7.7
-70°	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
-71.25°	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9
-72.5°	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.6
-73.75°	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-75°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-76.25°	6.6	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8
-77.5°	5.9	5.8	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	4.9	4.8	4.7	4.7	4.6	4.5	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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	4.7	4.6	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8
76.25°	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.2
75°	6.5	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7
73.75°	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.1	5.9	5.6	5.4
72.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.2
71.25°	6.8	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
70°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.6
68.75°	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.6	6.6
67.5°	8.1	7.9	7.8	7.7	7.5	7.4	7.3	7.2	7.0	6.9	6.7
66.25°	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1
65°	9.0	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.7	7.6	7.4
63.75°	9.4	9.2	9.1	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.7
62.5°	9.8	9.7	9.5	9.4	9.2	9.0	8.8	8.7	8.5	8.3	8.1
61.25°	10.3	10.1	9.9	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4
60°	10.7	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8
58.75°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2
57.5°	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5
56.25°	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.5	10.3	10.1	9.8
55°	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9	10.7	10.4	10.2
53.75°	12.9	12.6	12.4	12.2	12.0	11.8	11.5	11.3	11.0	10.8	10.5
52.5°	13.3	13.1	12.8	12.6	12.4	12.1	11.9	11.6	11.4	11.1	10.9
51.25°	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	11.7	11.5	11.2
50°	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3	12.1	11.8	11.5
48.75°	14.5	14.3	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8
47.5°	14.9	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.8	12.5	12.2
46.25°	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8	12.5
45°	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.8
43.75°	16.1	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7	13.4	13.1
42.5°	16.4	16.2	16.0	15.7	15.3	15.0	14.7	14.4	14.1	13.7	13.4
41.25°	16.4	16.4	16.3	16.0	15.7	15.4	15.0	14.7	14.4	14.0	13.7
40°	16.4	16.4	16.4	16.4	16.0	15.7	15.4	15.0	14.7	14.3	14.0
38.75°	16.6	16.4	16.4	16.4	16.4	16.0	15.7	15.3	15.0	14.6	14.3
37.5°	17.0	16.6	16.4	16.4	16.4	16.4	16.0	15.7	15.3	14.9	14.5
36.25°	17.3	17.0	16.7	16.4	16.4	16.4	16.3	16.0	15.6	15.2	14.8
35°	17.7	17.3	17.0	16.6	16.4	16.4	16.4	16.2	15.9	15.5	15.1



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°
33.75°	18.0	17.7	17.3	17.0	16.6	16.4	16.4	16.4	16.1	15.7	15.3
32.5°	18.4	18.0	17.7	17.3	16.9	16.5	16.4	16.4	16.4	16.0	15.6
31.25°	18.7	18.4	18.0	17.6	17.2	16.8	16.4	16.4	16.4	16.3	15.8
30°	19.1	18.7	18.3	17.9	17.5	17.1	16.7	16.4	16.4	16.4	16.1
28.75°	19.4	19.0	18.6	18.2	17.8	17.4	16.9	16.5	16.4	16.4	16.3
27.5°	19.7	19.3	18.9	18.5	18.1	17.6	17.2	16.8	16.4	16.4	16.4
26.25°	20.3	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.6	16.4	16.4
25°	20.9	20.1	19.5	19.0	18.6	18.1	17.7	17.2	16.8	16.4	16.4
23.75°	21.4	20.6	19.8	19.3	18.8	18.4	17.9	17.5	17.0	16.5	16.4
22.5°	22.1	21.1	20.3	19.5	19.1	18.6	18.2	17.7	17.2	16.7	16.4
21.25°	22.9	21.6	20.7	19.9	19.3	18.8	18.4	17.9	17.4	16.9	16.5
20°	23.6	22.2	21.2	20.3	19.5	19.1	18.6	18.1	17.6	17.1	16.6
18.75°	24.4	22.9	21.6	20.7	19.8	19.3	18.8	18.3	17.8	17.3	16.8
17.5°	25.1	23.6	22.2	21.1	20.2	19.5	19.0	18.5	18.0	17.5	17.0
16.25°	26.3	24.2	22.8	21.5	20.5	19.6	19.1	18.6	18.1	17.6	17.1
15°	27.6	24.8	23.3	21.8	20.9	19.9	19.3	18.8	18.3	17.8	17.2
13.75°	28.7	25.7	23.9	22.3	21.2	20.2	19.4	18.9	18.4	17.9	17.4
12.5°	29.8	26.7	24.4	22.8	21.5	20.5	19.6	19.1	18.5	18.0	17.5
11.25°	30.7	27.6	24.8	23.2	21.7	20.7	19.7	19.2	18.6	18.1	17.6
10°	31.6	28.5	25.3	23.6	22.0	20.9	19.9	19.3	18.8	18.2	17.7
8.75°	32.7	29.2	26.0	24.0	22.4	21.1	20.1	19.4	18.8	18.3	17.8
7.5°	33.8	29.9	26.6	24.3	22.6	21.3	20.3	19.5	18.9	18.4	17.8
6.25°	34.6	30.4	27.2	24.5	22.9	21.5	20.4	19.5	19.0	18.5	17.9
5°	35.3	30.9	27.6	24.7	23.1	21.6	20.5	19.6	19.0	18.5	18.0
3.75°	35.9	31.2	28.0	24.9	23.2	21.7	20.6	19.6	19.1	18.5	18.0
2.5°	36.3	31.5	28.2	25.0	23.4	21.7	20.7	19.7	19.1	18.6	18.0
1.25°	36.5	31.6	28.4	25.1	23.4	21.8	20.7	19.7	19.1	18.6	18.0
0°	36.6	31.7	28.4	25.1	23.5	21.8	20.8	19.7	19.2	18.6	18.1
-1.25°	36.5	31.6	28.4	25.1	23.4	21.8	20.7	19.7	19.1	18.6	18.0
-2.5°	36.3	31.5	28.2	25.0	23.4	21.7	20.7	19.7	19.1	18.6	18.0
-3.75°	35.9	31.2	28.0	24.9	23.2	21.7	20.6	19.6	19.1	18.5	18.0
-5°	35.3	30.9	27.6	24.7	23.1	21.6	20.5	19.6	19.0	18.5	18.0
-6.25°	34.6	30.4	27.2	24.5	22.9	21.5	20.4	19.5	19.0	18.5	17.9
-7.5°	33.8	29.9	26.6	24.3	22.6	21.3	20.3	19.5	18.9	18.4	17.8
-8.75°	32.7	29.2	26.0	24.0	22.4	21.1	20.1	19.4	18.8	18.3	17.8
-10°	31.6	28.5	25.3	23.6	22.0	20.9	19.9	19.3	18.8	18.2	17.7
-11.25°	30.7	27.6	24.8	23.2	21.7	20.7	19.7	19.2	18.6	18.1	17.6
-12.5°	29.8	26.7	24.4	22.8	21.5	20.5	19.6	19.1	18.5	18.0	17.5
-13.75°	28.7	25.7	23.9	22.3	21.2	20.2	19.4	18.9	18.4	17.9	17.4
-15°	27.6	24.8	23.3	21.8	20.9	19.9	19.3	18.8	18.3	17.8	17.2
-16.25°	26.3	24.2	22.8	21.5	20.5	19.6	19.1	18.6	18.1	17.6	17.1
-17.5°	25.1	23.6	22.2	21.1	20.2	19.5	19.0	18.5	18.0	17.5	17.0
-18.75°	24.4	22.9	21.6	20.7	19.8	19.3	18.8	18.3	17.8	17.3	16.8
-20°	23.6	22.2	21.2	20.3	19.5	19.1	18.6	18.1	17.6	17.1	16.6
-21.25°	22.9	21.6	20.7	19.9	19.3	18.8	18.4	17.9	17.4	16.9	16.5



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	22.1	21.1	20.3	19.5	19.1	18.6	18.2	17.7	17.2	16.7	16.4
-23.75°	21.4	20.6	19.8	19.3	18.8	18.4	17.9	17.5	17.0	16.5	16.4
-25°	20.9	20.1	19.5	19.0	18.6	18.1	17.7	17.2	16.8	16.4	16.4
-26.25°	20.3	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.6	16.4	16.4
-27.5°	19.7	19.3	18.9	18.5	18.1	17.6	17.2	16.8	16.4	16.4	16.4
-28.75°	19.4	19.0	18.6	18.2	17.8	17.4	16.9	16.5	16.4	16.4	16.3
-30°	19.1	18.7	18.3	17.9	17.5	17.1	16.7	16.4	16.4	16.4	16.1
-31.25°	18.7	18.4	18.0	17.6	17.2	16.8	16.4	16.4	16.4	16.3	15.8
-32.5°	18.4	18.0	17.7	17.3	16.9	16.5	16.4	16.4	16.4	16.0	15.6
-33.75°	18.0	17.7	17.3	17.0	16.6	16.4	16.4	16.4	16.1	15.7	15.3
-35°	17.7	17.3	17.0	16.6	16.4	16.4	16.4	16.2	15.9	15.5	15.1
-36.25°	17.3	17.0	16.7	16.4	16.4	16.4	16.3	16.0	15.6	15.2	14.8
-37.5°	17.0	16.6	16.4	16.4	16.4	16.4	16.0	15.7	15.3	14.9	14.5
-38.75°	16.6	16.4	16.4	16.4	16.4	16.0	15.7	15.3	15.0	14.6	14.3
-40°	16.4	16.4	16.4	16.4	16.0	15.7	15.4	15.0	14.7	14.3	14.0
-41.25°	16.4	16.4	16.3	16.0	15.7	15.4	15.0	14.7	14.4	14.0	13.7
-42.5°	16.4	16.2	16.0	15.7	15.3	15.0	14.7	14.4	14.1	13.7	13.4
-43.75°	16.1	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7	13.4	13.1
-45°	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.8
-46.25°	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8	12.5
-47.5°	14.9	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.8	12.5	12.2
-48.75°	14.5	14.3	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8
-50°	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3	12.1	11.8	11.5
-51.25°	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	11.7	11.5	11.2
-52.5°	13.3	13.1	12.8	12.6	12.4	12.1	11.9	11.6	11.4	11.1	10.9
-53.75°	12.9	12.6	12.4	12.2	12.0	11.8	11.5	11.3	11.0	10.8	10.5
-55°	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9	10.7	10.4	10.2
-56.25°	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.5	10.3	10.1	9.8
-57.5°	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5
-58.75°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2
-60°	10.7	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8
-61.25°	10.3	10.1	9.9	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4
-62.5°	9.8	9.7	9.5	9.4	9.2	9.0	8.8	8.7	8.5	8.3	8.1
-63.75°	9.4	9.2	9.1	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.7
-65°	9.0	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.7	7.6	7.4
-66.25°	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1
-67.5°	8.1	7.9	7.8	7.7	7.5	7.4	7.3	7.2	7.0	6.9	6.7
-68.75°	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.6	6.6
-70°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.6
-71.25°	6.8	6.7	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	6.4	6.2
-73.75°	6.6	6.6	6.6	6.6	6.6	6.5	6.3	6.1	5.9	5.6	5.4
-75°	6.5	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7
-76.25°	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.2
-77.5°	4.7	4.6	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.9	3.8



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
73.75°	5.2	5.0	4.7	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.5
72.5°	5.9	5.7	5.4	5.1	4.9	4.6	4.4	4.2	4.1	3.9	3.8
71.25°	6.6	6.4	6.1	5.8	5.5	5.2	4.9	4.7	4.4	4.2	4.1
70°	6.6	6.6	6.6	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.3
68.75°	6.6	6.6	6.6	6.6	6.6	6.5	6.2	5.8	5.5	5.1	4.8
67.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.0	5.7	5.3
66.25°	6.9	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.2	5.8
65°	7.2	7.1	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.3
63.75°	7.6	7.4	7.2	7.0	6.8	6.7	6.6	6.6	6.6	6.6	6.6
62.5°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.6	6.6	6.6	6.6
61.25°	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.6	6.6
60°	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.6
58.75°	8.9	8.7	8.5	8.2	8.0	7.8	7.5	7.3	7.1	6.8	6.6
57.5°	9.3	9.0	8.8	8.5	8.3	8.1	7.8	7.5	7.3	7.1	6.8
56.25°	9.6	9.4	9.1	8.9	8.6	8.3	8.1	7.8	7.5	7.3	7.1
55°	9.9	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	7.3
53.75°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.1	7.8	7.5
52.5°	10.6	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
51.25°	10.9	10.6	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.9
50°	11.2	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.1
48.75°	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4
47.5°	11.8	11.5	11.2	10.9	10.6	10.3	9.9	9.6	9.3	8.9	8.6
46.25°	12.2	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.2	8.8
45°	12.5	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.4	9.0
43.75°	12.8	12.4	12.1	11.7	11.4	11.0	10.7	10.3	9.9	9.6	9.2
42.5°	13.0	12.7	12.3	12.0	11.6	11.3	10.9	10.5	10.2	9.8	9.4
41.25°	13.3	13.0	12.6	12.3	11.9	11.5	11.1	10.8	10.4	10.0	9.6
40°	13.6	13.2	12.9	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.8
38.75°	13.9	13.5	13.1	12.8	12.4	12.0	11.6	11.2	10.8	10.4	10.0
37.5°	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.6	10.2
36.25°	14.4	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.8	10.4
35°	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.8	11.4	11.0	10.5



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.6	11.1	10.7
32.5°	15.2	14.8	14.3	13.9	13.5	13.1	12.6	12.2	11.8	11.3	10.9
31.25°	15.4	15.0	14.6	14.1	13.7	13.3	12.8	12.4	11.9	11.5	11.0
30°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	11.6	11.2
28.75°	15.9	15.4	15.0	14.5	14.1	13.6	13.2	12.7	12.3	11.8	11.3
27.5°	16.1	15.6	15.2	14.7	14.3	13.8	13.4	12.9	12.4	12.0	11.5
26.25°	16.3	15.9	15.4	14.9	14.5	14.0	13.5	13.0	12.6	12.1	11.6
25°	16.4	16.0	15.6	15.1	14.6	14.2	13.7	13.2	12.7	12.2	11.8
23.75°	16.4	16.2	15.8	15.3	14.8	14.3	13.8	13.3	12.9	12.4	11.9
22.5°	16.4	16.4	15.9	15.4	15.0	14.5	14.0	13.5	13.0	12.5	12.0
21.25°	16.4	16.4	16.1	15.6	15.1	14.6	14.1	13.6	13.1	12.6	12.1
20°	16.4	16.4	16.2	15.8	15.3	14.8	14.3	13.7	13.2	12.7	12.2
18.75°	16.4	16.4	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.3
17.5°	16.5	16.4	16.4	16.0	15.5	15.0	14.5	14.0	13.5	12.9	12.4
16.25°	16.6	16.4	16.4	16.2	15.6	15.1	14.6	14.1	13.6	13.0	12.5
15°	16.7	16.4	16.4	16.3	15.7	15.2	14.7	14.2	13.7	13.1	12.6
13.75°	16.8	16.4	16.4	16.4	15.9	15.3	14.8	14.3	13.7	13.2	12.7
12.5°	17.0	16.4	16.4	16.4	15.9	15.4	14.9	14.4	13.8	13.3	12.8
11.25°	17.1	16.5	16.4	16.4	16.0	15.5	15.0	14.4	13.9	13.4	12.8
10°	17.2	16.6	16.4	16.4	16.1	15.6	15.0	14.5	14.0	13.4	12.9
8.75°	17.2	16.7	16.4	16.4	16.2	15.6	15.1	14.6	14.0	13.5	12.9
7.5°	17.3	16.8	16.4	16.4	16.2	15.7	15.1	14.6	14.1	13.5	13.0
6.25°	17.4	16.8	16.4	16.4	16.3	15.7	15.2	14.7	14.1	13.6	13.0
5°	17.4	16.9	16.4	16.4	16.3	15.8	15.2	14.7	14.1	13.6	13.0
3.75°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
2.5°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
1.25°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
0°	17.5	17.0	16.4	16.4	16.4	15.9	15.3	14.8	14.2	13.7	13.1
-1.25°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-2.5°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-3.75°	17.5	16.9	16.4	16.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-5°	17.4	16.9	16.4	16.4	16.3	15.8	15.2	14.7	14.1	13.6	13.0
-6.25°	17.4	16.8	16.4	16.4	16.3	15.7	15.2	14.7	14.1	13.6	13.0
-7.5°	17.3	16.8	16.4	16.4	16.2	15.7	15.1	14.6	14.1	13.5	13.0
-8.75°	17.2	16.7	16.4	16.4	16.2	15.6	15.1	14.6	14.0	13.5	12.9
-10°	17.2	16.6	16.4	16.4	16.1	15.6	15.0	14.5	14.0	13.4	12.9
-11.25°	17.1	16.5	16.4	16.4	16.0	15.5	15.0	14.4	13.9	13.4	12.8
-12.5°	17.0	16.4	16.4	16.4	15.9	15.4	14.9	14.4	13.8	13.3	12.8
-13.75°	16.8	16.4	16.4	16.4	15.9	15.3	14.8	14.3	13.7	13.2	12.7
-15°	16.7	16.4	16.4	16.3	15.7	15.2	14.7	14.2	13.7	13.1	12.6
-16.25°	16.6	16.4	16.4	16.2	15.6	15.1	14.6	14.1	13.6	13.0	12.5
-17.5°	16.5	16.4	16.4	16.0	15.5	15.0	14.5	14.0	13.5	12.9	12.4
-18.75°	16.4	16.4	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.3
-20°	16.4	16.4	16.2	15.8	15.3	14.8	14.3	13.7	13.2	12.7	12.2
-21.25°	16.4	16.4	16.1	15.6	15.1	14.6	14.1	13.6	13.1	12.6	12.1





REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	16.4	16.4	15.9	15.4	15.0	14.5	14.0	13.5	13.0	12.5	12.0
-23.75°	16.4	16.2	15.8	15.3	14.8	14.3	13.8	13.3	12.9	12.4	11.9
-25°	16.4	16.0	15.6	15.1	14.6	14.2	13.7	13.2	12.7	12.2	11.8
-26.25°	16.3	15.9	15.4	14.9	14.5	14.0	13.5	13.0	12.6	12.1	11.6
-27.5°	16.1	15.6	15.2	14.7	14.3	13.8	13.4	12.9	12.4	12.0	11.5
-28.75°	15.9	15.4	15.0	14.5	14.1	13.6	13.2	12.7	12.3	11.8	11.3
-30°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	11.6	11.2
-31.25°	15.4	15.0	14.6	14.1	13.7	13.3	12.8	12.4	11.9	11.5	11.0
-32.5°	15.2	14.8	14.3	13.9	13.5	13.1	12.6	12.2	11.8	11.3	10.9
-33.75°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.6	11.1	10.7
-35°	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.8	11.4	11.0	10.5
-36.25°	14.4	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.8	10.4
-37.5°	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.6	10.2
-38.75°	13.9	13.5	13.1	12.8	12.4	12.0	11.6	11.2	10.8	10.4	10.0
-40°	13.6	13.2	12.9	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.8
-41.25°	13.3	13.0	12.6	12.3	11.9	11.5	11.1	10.8	10.4	10.0	9.6
-42.5°	13.0	12.7	12.3	12.0	11.6	11.3	10.9	10.5	10.2	9.8	9.4
-43.75°	12.8	12.4	12.1	11.7	11.4	11.0	10.7	10.3	9.9	9.6	9.2
-45°	12.5	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.4	9.0
-46.25°	12.2	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.2	8.8
-47.5°	11.8	11.5	11.2	10.9	10.6	10.3	9.9	9.6	9.3	8.9	8.6
-48.75°	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4
-50°	11.2	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.1
-51.25°	10.9	10.6	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.9
-52.5°	10.6	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
-53.75°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.1	7.8	7.5
-55°	9.9	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	7.3
-56.25°	9.6	9.4	9.1	8.9	8.6	8.3	8.1	7.8	7.5	7.3	7.1
-57.5°	9.3	9.0	8.8	8.5	8.3	8.1	7.8	7.5	7.3	7.1	6.8
-58.75°	8.9	8.7	8.5	8.2	8.0	7.8	7.5	7.3	7.1	6.8	6.6
-60°	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.6
-61.25°	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.6	6.6
-62.5°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.6	6.6	6.6	6.6
-63.75°	7.6	7.4	7.2	7.0	6.8	6.7	6.6	6.6	6.6	6.6	6.6
-65°	7.2	7.1	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.3
-66.25°	6.9	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.2	5.8
-67.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.0	5.7	5.3
-68.75°	6.6	6.6	6.6	6.6	6.6	6.5	6.2	5.8	5.5	5.1	4.8
-70°	6.6	6.6	6.6	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.3
-71.25°	6.6	6.4	6.1	5.8	5.5	5.2	4.9	4.7	4.4	4.2	4.1
-72.5°	5.9	5.7	5.4	5.1	4.9	4.6	4.4	4.2	4.1	3.9	3.8
-73.75°	5.2	5.0	4.7	4.5	4.3	4.2	4.1	3.9	3.8	3.7	3.5
-75°	4.5	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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	4.9	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
66.25°	5.4	5.0	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
65°	5.9	5.5	5.1	4.7	4.3	4.1	3.9	3.7	3.4	3.2	3.0
63.75°	6.4	6.0	5.5	5.1	4.6	4.3	4.1	3.8	3.6	3.4	3.1
62.5°	6.6	6.4	6.0	5.5	5.0	4.6	4.2	4.0	3.8	3.5	3.3
61.25°	6.6	6.6	6.4	5.9	5.4	4.9	4.4	4.2	3.9	3.7	3.4
60°	6.6	6.6	6.6	6.3	5.8	5.3	4.8	4.3	4.1	3.8	3.5
58.75°	6.6	6.6	6.6	6.6	6.2	5.7	5.1	4.6	4.2	3.9	3.7
57.5°	6.6	6.6	6.6	6.6	6.6	6.0	5.5	4.9	4.4	4.1	3.8
56.25°	6.8	6.6	6.6	6.6	6.6	6.4	5.8	5.2	4.7	4.2	3.9
55°	7.0	6.7	6.6	6.6	6.6	6.6	6.2	5.6	4.9	4.4	4.1
53.75°	7.2	6.9	6.7	6.6	6.6	6.6	6.5	5.9	5.2	4.6	4.2
52.5°	7.4	7.1	6.8	6.6	6.6	6.6	6.6	6.2	5.5	4.9	4.3
51.25°	7.6	7.3	7.0	6.7	6.6	6.6	6.6	6.5	5.8	5.1	4.5
50°	7.8	7.5	7.2	6.9	6.6	6.6	6.6	6.6	6.1	5.4	4.7
48.75°	8.0	7.7	7.4	7.1	6.8	6.6	6.6	6.6	6.4	5.7	5.0
47.5°	8.2	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.6	5.9	5.2
46.25°	8.4	8.1	7.7	7.4	7.1	6.7	6.6	6.6	6.6	6.2	5.4
45°	8.6	8.3	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.4	5.6
43.75°	8.8	8.5	8.1	7.7	7.4	7.0	6.7	6.6	6.6	6.6	5.9
42.5°	9.0	8.7	8.3	7.9	7.5	7.2	6.8	6.6	6.6	6.6	6.1
41.25°	9.2	8.8	8.4	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.3
40°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.7	6.6	6.6	6.5
38.75°	9.6	9.2	8.8	8.4	8.0	7.5	7.2	6.8	6.6	6.6	6.6
37.5°	9.8	9.4	8.9	8.5	8.1	7.7	7.3	6.9	6.6	6.6	6.6
36.25°	9.9	9.5	9.1	8.7	8.2	7.8	7.4	7.0	6.6	6.6	6.6
35°	10.1	9.7	9.2	8.8	8.4	7.9	7.5	7.1	6.7	6.6	6.6



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	10.3	9.8	9.4	9.0	8.5	8.1	7.6	7.2	6.8	6.6	6.6
32.5°	10.4	10.0	9.5	9.1	8.6	8.2	7.7	7.3	6.9	6.6	6.6
31.25°	10.6	10.1	9.7	9.2	8.8	8.3	7.8	7.4	7.0	6.6	6.6
30°	10.7	10.3	9.8	9.3	8.9	8.4	7.9	7.5	7.1	6.6	6.6
28.75°	10.9	10.4	9.9	9.5	9.0	8.5	8.1	7.6	7.1	6.7	6.6
27.5°	11.0	10.5	10.1	9.6	9.1	8.6	8.2	7.7	7.2	6.8	6.6
26.25°	11.1	10.7	10.2	9.7	9.2	8.7	8.2	7.8	7.3	6.9	6.6
25°	11.3	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.4	6.9	6.6
23.75°	11.4	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	7.0	6.6
22.5°	11.5	11.0	10.5	10.0	9.5	9.0	8.5	8.0	7.5	7.1	6.6
21.25°	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6
20°	11.7	11.2	10.7	10.2	9.7	9.2	8.7	8.1	7.6	7.2	6.7
18.75°	11.8	11.3	10.8	10.3	9.8	9.2	8.7	8.2	7.7	7.2	6.7
17.5°	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.8	7.3	6.8
16.25°	12.0	11.5	11.0	10.4	9.9	9.4	8.9	8.3	7.8	7.3	6.8
15°	12.1	11.6	11.0	10.5	10.0	9.4	8.9	8.4	7.9	7.4	6.9
13.75°	12.2	11.6	11.1	10.6	10.0	9.5	9.0	8.4	7.9	7.4	6.9
12.5°	12.2	11.7	11.2	10.6	10.1	9.6	9.0	8.5	7.9	7.4	6.9
11.25°	12.3	11.7	11.2	10.7	10.1	9.6	9.1	8.5	8.0	7.5	7.0
10°	12.3	11.8	11.3	10.7	10.2	9.6	9.1	8.6	8.0	7.5	7.0
8.75°	12.4	11.8	11.3	10.8	10.2	9.7	9.1	8.6	8.1	7.5	7.0
7.5°	12.4	11.9	11.3	10.8	10.3	9.7	9.2	8.6	8.1	7.5	7.0
6.25°	12.5	11.9	11.4	10.8	10.3	9.7	9.2	8.6	8.1	7.6	7.1
5°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
3.75°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
2.5°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
1.25°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
0°	12.6	12.0	11.5	10.9	10.4	9.8	9.3	8.7	8.2	7.6	7.1
-1.25°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
-2.5°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
-3.75°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
-5°	12.5	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.1	7.6	7.1
-6.25°	12.5	11.9	11.4	10.8	10.3	9.7	9.2	8.6	8.1	7.6	7.1
-7.5°	12.4	11.9	11.3	10.8	10.3	9.7	9.2	8.6	8.1	7.5	7.0
-8.75°	12.4	11.8	11.3	10.8	10.2	9.7	9.1	8.6	8.1	7.5	7.0
-10°	12.3	11.8	11.3	10.7	10.2	9.6	9.1	8.6	8.0	7.5	7.0
-11.25°	12.3	11.7	11.2	10.7	10.1	9.6	9.1	8.5	8.0	7.5	7.0
-12.5°	12.2	11.7	11.2	10.6	10.1	9.6	9.0	8.5	7.9	7.4	6.9
-13.75°	12.2	11.6	11.1	10.6	10.0	9.5	9.0	8.4	7.9	7.4	6.9
-15°	12.1	11.6	11.0	10.5	10.0	9.4	8.9	8.4	7.9	7.4	6.9
-16.25°	12.0	11.5	11.0	10.4	9.9	9.4	8.9	8.3	7.8	7.3	6.8
-17.5°	11.9	11.4	10.9	10.4	9.8	9.3	8.8	8.3	7.8	7.3	6.8
-18.75°	11.8	11.3	10.8	10.3	9.8	9.2	8.7	8.2	7.7	7.2	6.7
-20°	11.7	11.2	10.7	10.2	9.7	9.2	8.7	8.1	7.6	7.2	6.7
-21.25°	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	11.5	11.0	10.5	10.0	9.5	9.0	8.5	8.0	7.5	7.1	6.6
-23.75°	11.4	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	7.0	6.6
-25°	11.3	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.4	6.9	6.6
-26.25°	11.1	10.7	10.2	9.7	9.2	8.7	8.2	7.8	7.3	6.9	6.6
-27.5°	11.0	10.5	10.1	9.6	9.1	8.6	8.2	7.7	7.2	6.8	6.6
-28.75°	10.9	10.4	9.9	9.5	9.0	8.5	8.1	7.6	7.1	6.7	6.6
-30°	10.7	10.3	9.8	9.3	8.9	8.4	7.9	7.5	7.1	6.6	6.6
-31.25°	10.6	10.1	9.7	9.2	8.8	8.3	7.8	7.4	7.0	6.6	6.6
-32.5°	10.4	10.0	9.5	9.1	8.6	8.2	7.7	7.3	6.9	6.6	6.6
-33.75°	10.3	9.8	9.4	9.0	8.5	8.1	7.6	7.2	6.8	6.6	6.6
-35°	10.1	9.7	9.2	8.8	8.4	7.9	7.5	7.1	6.7	6.6	6.6
-36.25°	9.9	9.5	9.1	8.7	8.2	7.8	7.4	7.0	6.6	6.6	6.6
-37.5°	9.8	9.4	8.9	8.5	8.1	7.7	7.3	6.9	6.6	6.6	6.6
-38.75°	9.6	9.2	8.8	8.4	8.0	7.5	7.2	6.8	6.6	6.6	6.6
-40°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.7	6.6	6.6	6.5
-41.25°	9.2	8.8	8.4	8.1	7.7	7.3	6.9	6.6	6.6	6.6	6.3
-42.5°	9.0	8.7	8.3	7.9	7.5	7.2	6.8	6.6	6.6	6.6	6.1
-43.75°	8.8	8.5	8.1	7.7	7.4	7.0	6.7	6.6	6.6	6.6	5.9
-45°	8.6	8.3	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.4	5.6
-46.25°	8.4	8.1	7.7	7.4	7.1	6.7	6.6	6.6	6.6	6.2	5.4
-47.5°	8.2	7.9	7.6	7.2	6.9	6.6	6.6	6.6	6.6	5.9	5.2
-48.75°	8.0	7.7	7.4	7.1	6.8	6.6	6.6	6.6	6.4	5.7	5.0
-50°	7.8	7.5	7.2	6.9	6.6	6.6	6.6	6.6	6.1	5.4	4.7
-51.25°	7.6	7.3	7.0	6.7	6.6	6.6	6.6	6.5	5.8	5.1	4.5
-52.5°	7.4	7.1	6.8	6.6	6.6	6.6	6.6	6.2	5.5	4.9	4.3
-53.75°	7.2	6.9	6.7	6.6	6.6	6.6	6.5	5.9	5.2	4.6	4.2
-55°	7.0	6.7	6.6	6.6	6.6	6.6	6.2	5.6	4.9	4.4	4.1
-56.25°	6.8	6.6	6.6	6.6	6.6	6.4	5.8	5.2	4.7	4.2	3.9
-57.5°	6.6	6.6	6.6	6.6	6.6	6.0	5.5	4.9	4.4	4.1	3.8
-58.75°	6.6	6.6	6.6	6.6	6.2	5.7	5.1	4.6	4.2	3.9	3.7
-60°	6.6	6.6	6.6	6.3	5.8	5.3	4.8	4.3	4.1	3.8	3.5
-61.25°	6.6	6.6	6.4	5.9	5.4	4.9	4.4	4.2	3.9	3.7	3.4
-62.5°	6.6	6.4	6.0	5.5	5.0	4.6	4.2	4.0	3.8	3.5	3.3
-63.75°	6.4	6.0	5.5	5.1	4.6	4.3	4.1	3.8	3.6	3.4	3.1
-65°	5.9	5.5	5.1	4.7	4.3	4.1	3.9	3.7	3.4	3.2	3.0
-66.25°	5.4	5.0	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8
-67.5°	4.9	4.6	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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	4.5	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.7
46.25°	4.7	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
45°	4.9	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
43.75°	5.1	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
42.5°	5.3	4.5	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
41.25°	5.5	4.7	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
40°	5.7	4.8	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
38.75°	5.8	5.0	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	0.9
37.5°	6.0	5.2	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
36.25°	6.2	5.3	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
35°	6.4	5.5	4.6	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9



REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	6.5	5.6	4.7	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
32.5°	6.6	5.8	4.9	4.2	3.7	3.2	2.8	2.3	1.9	1.4	0.9
31.25°	6.6	5.9	5.0	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
30°	6.6	6.1	5.1	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
28.75°	6.6	6.2	5.2	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
27.5°	6.6	6.3	5.3	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
26.25°	6.6	6.4	5.5	4.5	3.9	3.5	3.0	2.5	2.0	1.5	1.0
25°	6.6	6.5	5.6	4.6	4.0	3.5	3.0	2.5	2.0	1.5	1.0
23.75°	6.6	6.6	5.7	4.7	4.0	3.5	3.0	2.5	2.0	1.5	1.0
22.5°	6.6	6.6	5.8	4.7	4.1	3.6	3.0	2.5	2.0	1.5	1.0
21.25°	6.6	6.6	5.8	4.8	4.1	3.6	3.1	2.6	2.1	1.5	1.0
20°	6.6	6.6	5.9	4.9	4.1	3.6	3.1	2.6	2.1	1.6	1.0
18.75°	6.6	6.6	6.0	5.0	4.2	3.6	3.1	2.6	2.1	1.6	1.0
17.5°	6.6	6.6	6.1	5.0	4.2	3.7	3.1	2.6	2.1	1.6	1.0
16.25°	6.6	6.6	6.2	5.1	4.2	3.7	3.2	2.6	2.1	1.6	1.1
15°	6.6	6.6	6.2	5.2	4.2	3.7	3.2	2.7	2.1	1.6	1.1
13.75°	6.6	6.6	6.3	5.2	4.3	3.7	3.2	2.7	2.1	1.6	1.1
12.5°	6.6	6.6	6.3	5.3	4.3	3.8	3.2	2.7	2.1	1.6	1.1
11.25°	6.6	6.6	6.4	5.3	4.3	3.8	3.2	2.7	2.2	1.6	1.1
10°	6.6	6.6	6.4	5.3	4.3	3.8	3.2	2.7	2.2	1.6	1.1
8.75°	6.6	6.6	6.5	5.4	4.3	3.8	3.3	2.7	2.2	1.6	1.1
7.5°	6.6	6.6	6.5	5.4	4.4	3.8	3.3	2.7	2.2	1.6	1.1
6.25°	6.6	6.6	6.5	5.4	4.4	3.8	3.3	2.7	2.2	1.6	1.1
5°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
3.75°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
2.5°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
1.25°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
0°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-1.25°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-2.5°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-3.75°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-5°	6.6	6.6	6.6	5.5	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-6.25°	6.6	6.6	6.5	5.4	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-7.5°	6.6	6.6	6.5	5.4	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-8.75°	6.6	6.6	6.5	5.4	4.3	3.8	3.3	2.7	2.2	1.6	1.1
-10°	6.6	6.6	6.4	5.3	4.3	3.8	3.2	2.7	2.2	1.6	1.1
-11.25°	6.6	6.6	6.4	5.3	4.3	3.8	3.2	2.7	2.2	1.6	1.1
-12.5°	6.6	6.6	6.3	5.3	4.3	3.8	3.2	2.7	2.1	1.6	1.1
-13.75°	6.6	6.6	6.3	5.2	4.3	3.7	3.2	2.7	2.1	1.6	1.1
-15°	6.6	6.6	6.2	5.2	4.2	3.7	3.2	2.7	2.1	1.6	1.1
-16.25°	6.6	6.6	6.2	5.1	4.2	3.7	3.2	2.6	2.1	1.6	1.1
-17.5°	6.6	6.6	6.1	5.0	4.2	3.7	3.1	2.6	2.1	1.6	1.0
-18.75°	6.6	6.6	6.0	5.0	4.2	3.6	3.1	2.6	2.1	1.6	1.0
-20°	6.6	6.6	5.9	4.9	4.1	3.6	3.1	2.6	2.1	1.6	1.0
-21.25°	6.6	6.6	5.8	4.8	4.1	3.6	3.1	2.6	2.1	1.5	1.0





REPORT NUMBER: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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°	6.6	6.6	5.8	4.7	4.1	3.6	3.0	2.5	2.0	1.5	1.0
-23.75°	6.6	6.6	5.7	4.7	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-25°	6.6	6.5	5.6	4.6	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-26.25°	6.6	6.4	5.5	4.5	3.9	3.5	3.0	2.5	2.0	1.5	1.0
-27.5°	6.6	6.3	5.3	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
-28.75°	6.6	6.2	5.2	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
-30°	6.6	6.1	5.1	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
-31.25°	6.6	5.9	5.0	4.2	3.8	3.3	2.8	2.3	1.9	1.4	0.9
-32.5°	6.6	5.8	4.9	4.2	3.7	3.2	2.8	2.3	1.9	1.4	0.9
-33.75°	6.5	5.6	4.7	4.1	3.7	3.2	2.7	2.3	1.8	1.4	0.9
-35°	6.4	5.5	4.6	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
-36.25°	6.2	5.3	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
-37.5°	6.0	5.2	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
-38.75°	5.8	5.0	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	0.9
-40°	5.7	4.8	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
-41.25°	5.5	4.7	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-42.5°	5.3	4.5	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-43.75°	5.1	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-45°	4.9	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-46.25°	4.7	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
-47.5°	4.5	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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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: P220316 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-M-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-M-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)