

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: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

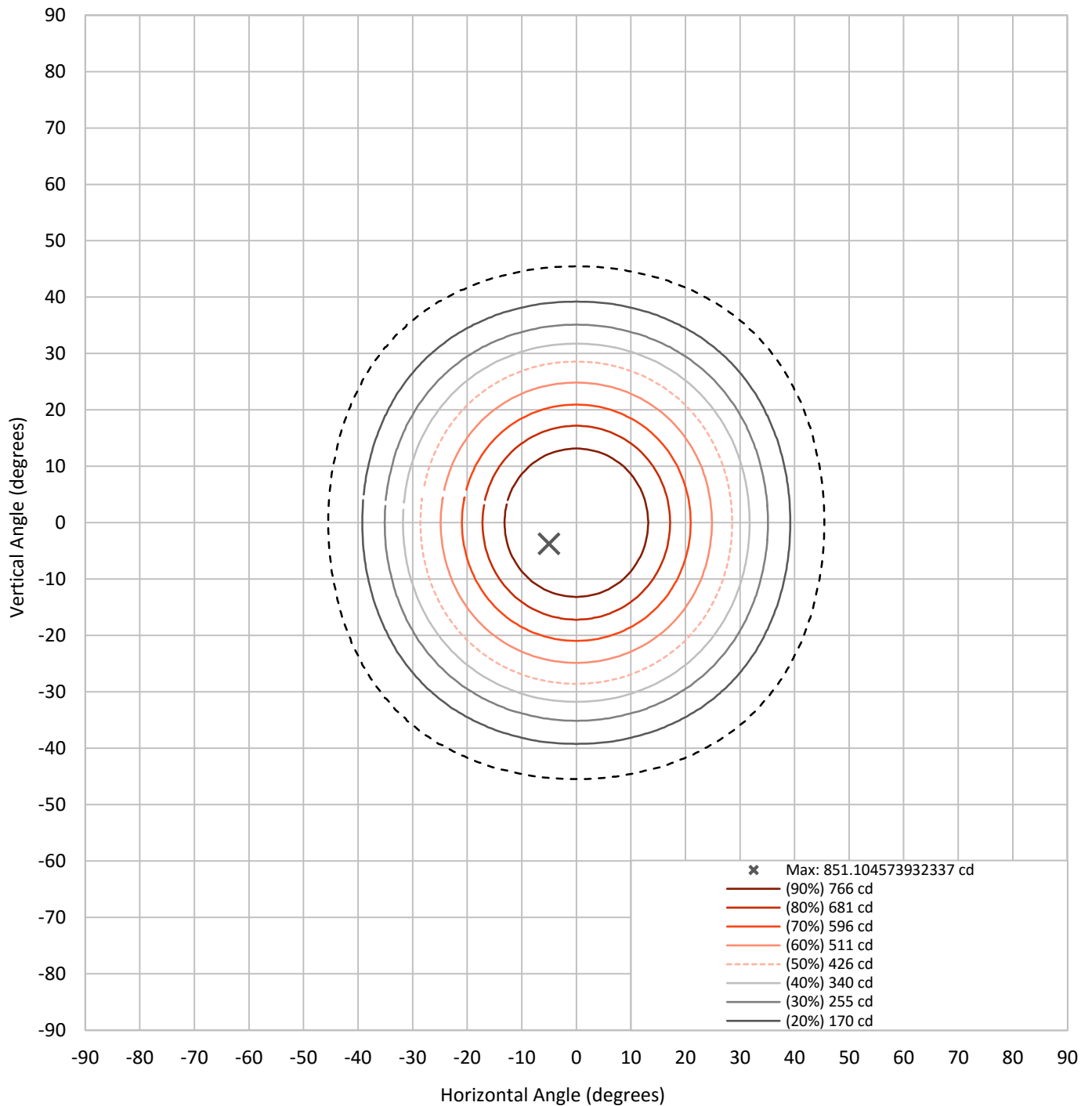
Test Method: LM-79-08  
Report Number: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29420)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
WIDE FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 3500K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	784 lumens	Max Intensity:	851.1 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.7°H x 56.4°V	Field Angle (10%):	90.5°H x 90.3°V
Beam Lumens:	482 lumens	Field Lumens:	722.9 lumens
Beam Efficiency:	61.5%	Field Efficiency:	92.2%
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		

REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

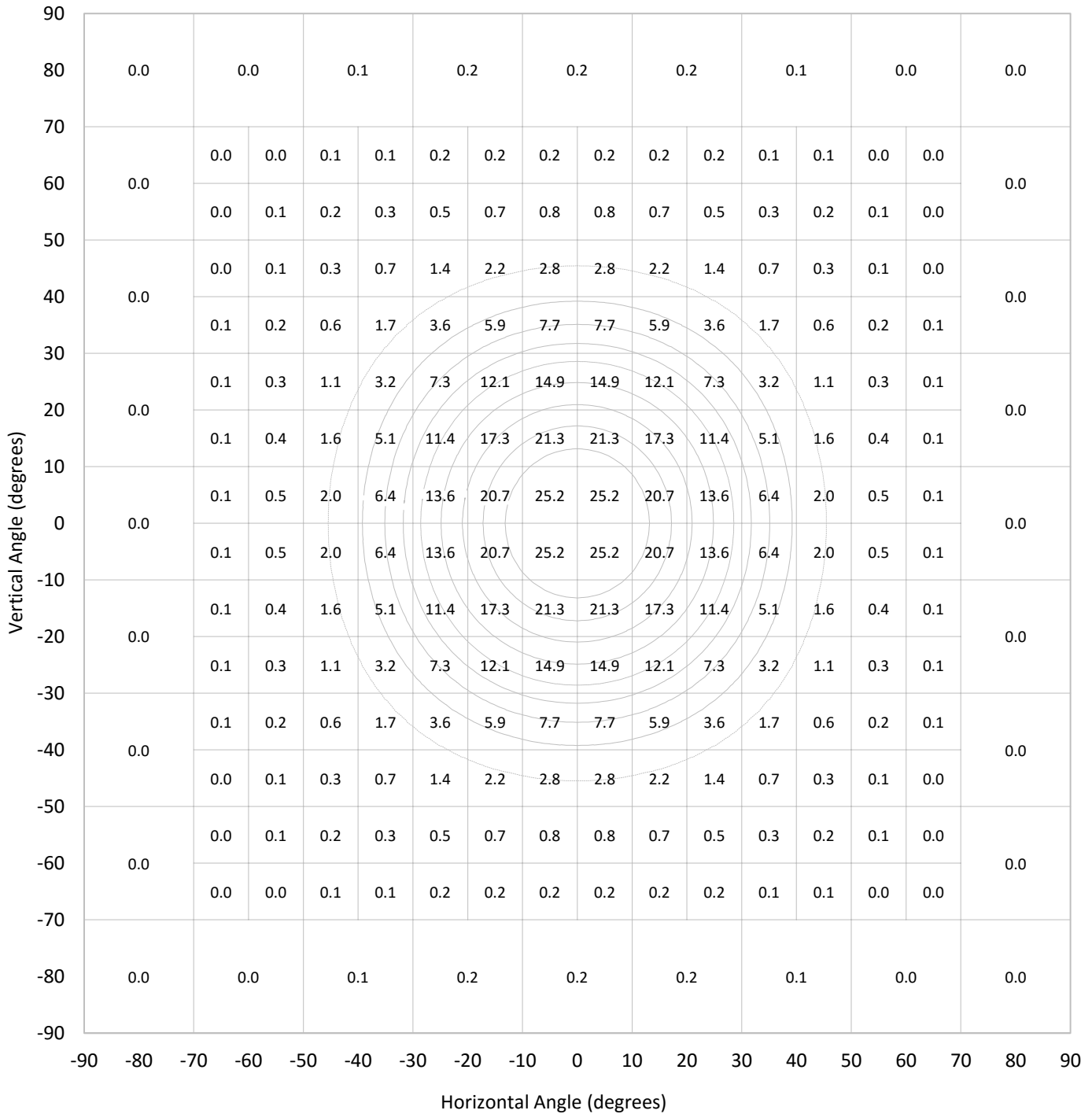
### Iso-Candela Plot





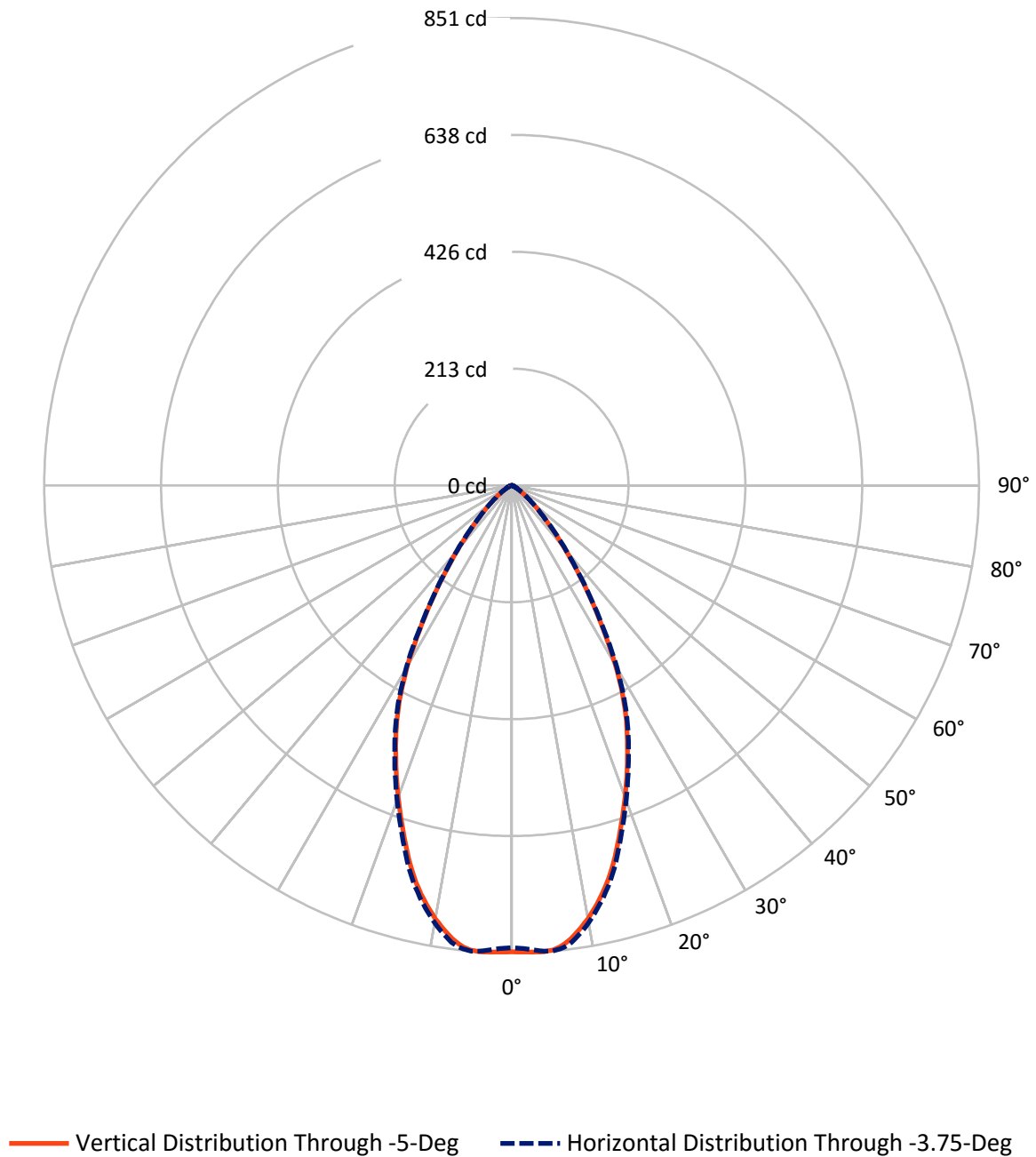
REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

### Lumen Table



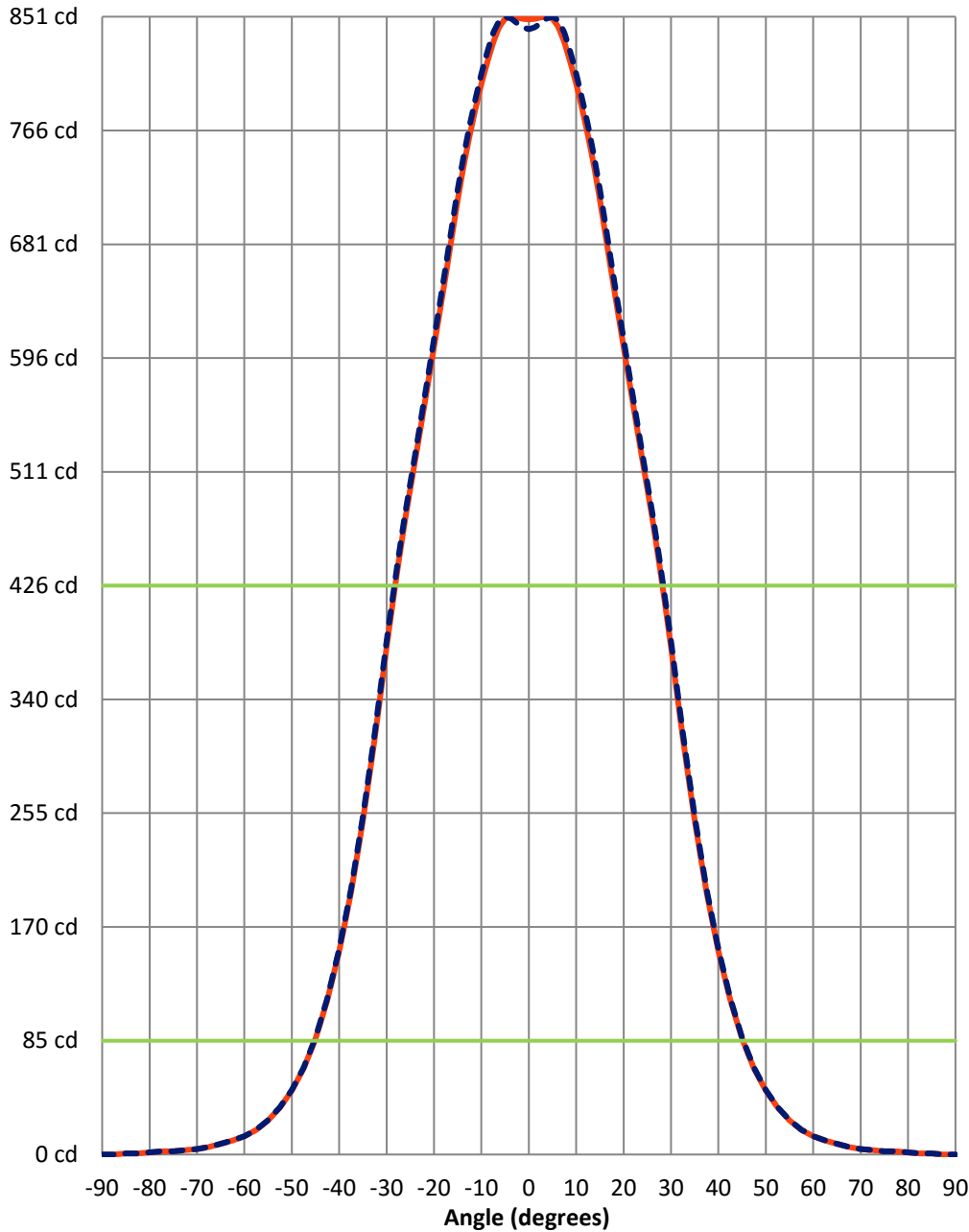
REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 56.7°  
 V Angle: 56.4°  
 Lumens: 482  
 Efficiency: 61.5%

**Field:**  
 H Angle: 90.5°  
 V Angle: 90.3°  
 Lumens: 722.9  
 Efficiency: 92.2%

**Spill:**  
 Lumens: 61.1  
 Efficiency: 7.8%

— Vertical Distribution through -5-Deg  
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	1
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	0	1	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	0	1	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
38.75°	0	0	0	0	0	1	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	2
36.25°	0	0	0	0	0	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	1	2
31.25°	0	0	0	0	1	1	1	1	1	1	2
30°	0	0	0	0	1	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	1	2	2
17.5°	0	0	0	0	1	1	1	1	1	2	2
16.25°	0	0	0	0	1	1	1	1	1	2	2
15°	0	0	0	0	1	1	1	1	1	2	2
13.75°	0	0	0	0	1	1	1	1	2	2	2
12.5°	0	0	0	0	1	1	1	1	2	2	2
11.25°	0	0	0	0	1	1	1	1	2	2	2
10°	0	0	0	0	1	1	1	1	2	2	2
8.75°	0	0	0	0	1	1	1	1	2	2	2
7.5°	0	0	0	0	1	1	1	1	2	2	2
6.25°	0	0	0	0	1	1	1	1	2	2	2
5°	0	0	0	0	1	1	1	1	2	2	2
3.75°	0	0	0	0	1	1	1	1	2	2	2
2.5°	0	0	0	0	1	1	1	1	2	2	2
1.25°	0	0	0	0	1	1	1	1	2	2	2
0°	0	0	0	0	1	1	1	1	2	2	2
-1.25°	0	0	0	0	1	1	1	1	2	2	2
-2.5°	0	0	0	0	1	1	1	1	2	2	2
-3.75°	0	0	0	0	1	1	1	1	2	2	2
-5°	0	0	0	0	1	1	1	1	2	2	2
-6.25°	0	0	0	0	1	1	1	1	2	2	2
-7.5°	0	0	0	0	1	1	1	1	2	2	2
-8.75°	0	0	0	0	1	1	1	1	2	2	2
-10°	0	0	0	0	1	1	1	1	2	2	2
-11.25°	0	0	0	0	1	1	1	1	2	2	2
-12.5°	0	0	0	0	1	1	1	1	2	2	2
-13.75°	0	0	0	0	1	1	1	1	2	2	2
-15°	0	0	0	0	1	1	1	1	1	2	2
-16.25°	0	0	0	0	1	1	1	1	1	2	2
-17.5°	0	0	0	0	1	1	1	1	1	2	2
-18.75°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	1	1	1	1	1	2	2
-31.25°	0	0	0	0	1	1	1	1	1	1	2
-32.5°	0	0	0	0	1	1	1	1	1	1	2
-33.75°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-36.25°	0	0	0	0	0	1	1	1	1	1	2
-37.5°	0	0	0	0	0	1	1	1	1	1	2
-38.75°	0	0	0	0	0	1	1	1	1	1	2
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	2
66.25°	1	1	1	1	1	1	1	1	1	2	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	1	1	2	2	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	1	1	2	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	1	2	2	2	2	2	2	2	2
52.5°	1	1	2	2	2	2	2	2	2	2	3
51.25°	1	1	2	2	2	2	2	2	2	3	3
50°	1	1	2	2	2	2	2	2	2	3	3
48.75°	1	2	2	2	2	2	2	2	3	3	3
47.5°	1	2	2	2	2	2	2	2	3	3	3
46.25°	1	2	2	2	2	2	2	3	3	3	3
45°	1	2	2	2	2	2	2	3	3	3	4
43.75°	2	2	2	2	2	2	2	3	3	3	4
42.5°	2	2	2	2	2	2	3	3	3	4	4
41.25°	2	2	2	2	2	2	3	3	3	4	4
40°	2	2	2	2	2	2	3	3	3	4	4
38.75°	2	2	2	2	2	3	3	3	4	4	4
37.5°	2	2	2	2	2	3	3	3	4	4	4
36.25°	2	2	2	2	2	3	3	3	4	4	5
35°	2	2	2	2	2	3	3	4	4	4	5



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	3	3	3	4	4	4	5
32.5°	2	2	2	2	3	3	3	4	4	5	5
31.25°	2	2	2	2	3	3	3	4	4	5	6
30°	2	2	2	2	3	3	4	4	4	5	6
28.75°	2	2	2	3	3	3	4	4	5	5	6
27.5°	2	2	2	3	3	3	4	4	5	5	6
26.25°	2	2	2	3	3	3	4	4	5	6	7
25°	2	2	2	3	3	3	4	4	5	6	7
23.75°	2	2	2	3	3	4	4	4	5	6	7
22.5°	2	2	2	3	3	4	4	5	5	6	7
21.25°	2	2	2	3	3	4	4	5	5	6	7
20°	2	2	2	3	3	4	4	5	6	7	8
18.75°	2	2	3	3	3	4	4	5	6	7	8
17.5°	2	2	3	3	3	4	4	5	6	7	8
16.25°	2	2	3	3	3	4	4	5	6	7	8
15°	2	2	3	3	3	4	4	5	6	7	8
13.75°	2	2	3	3	4	4	4	5	6	7	9
12.5°	2	2	3	3	4	4	5	5	6	7	9
11.25°	2	2	3	3	4	4	5	5	6	8	9
10°	2	2	3	3	4	4	5	5	7	8	9
8.75°	2	2	3	3	4	4	5	6	7	8	9
7.5°	2	2	3	3	4	4	5	6	7	8	9
6.25°	2	2	3	3	4	4	5	6	7	8	9
5°	2	2	3	3	4	4	5	6	7	8	9
3.75°	2	2	3	3	4	4	5	6	7	8	9
2.5°	2	2	3	3	4	4	5	6	7	8	9
1.25°	2	2	3	3	4	4	5	6	7	8	9
0°	2	2	3	3	4	4	5	6	7	8	9
-1.25°	2	2	3	3	4	4	5	6	7	8	9
-2.5°	2	2	3	3	4	4	5	6	7	8	9
-3.75°	2	2	3	3	4	4	5	6	7	8	9
-5°	2	2	3	3	4	4	5	6	7	8	9
-6.25°	2	2	3	3	4	4	5	6	7	8	9
-7.5°	2	2	3	3	4	4	5	6	7	8	9
-8.75°	2	2	3	3	4	4	5	6	7	8	9
-10°	2	2	3	3	4	4	5	5	7	8	9
-11.25°	2	2	3	3	4	4	5	5	6	8	9
-12.5°	2	2	3	3	4	4	5	5	6	7	9
-13.75°	2	2	3	3	4	4	4	5	6	7	9
-15°	2	2	3	3	3	4	4	5	6	7	8
-16.25°	2	2	3	3	3	4	4	5	6	7	8
-17.5°	2	2	3	3	3	4	4	5	6	7	8
-18.75°	2	2	3	3	3	4	4	5	6	7	8
-20°	2	2	2	3	3	4	4	5	6	7	8
-21.25°	2	2	2	3	3	4	4	5	5	6	7



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	2	2	2	3	3	4	4	5	5	6	7
-23.75°	2	2	2	3	3	4	4	4	5	6	7
-25°	2	2	2	3	3	3	4	4	5	6	7
-26.25°	2	2	2	3	3	3	4	4	5	6	7
-27.5°	2	2	2	3	3	3	4	4	5	5	6
-28.75°	2	2	2	3	3	3	4	4	5	5	6
-30°	2	2	2	2	3	3	4	4	4	5	6
-31.25°	2	2	2	2	3	3	3	4	4	5	6
-32.5°	2	2	2	2	3	3	3	4	4	5	5
-33.75°	2	2	2	2	3	3	3	4	4	4	5
-35°	2	2	2	2	2	3	3	4	4	4	5
-36.25°	2	2	2	2	2	3	3	3	4	4	5
-37.5°	2	2	2	2	2	3	3	3	4	4	4
-38.75°	2	2	2	2	2	3	3	3	4	4	4
-40°	2	2	2	2	2	2	3	3	3	4	4
-41.25°	2	2	2	2	2	2	3	3	3	4	4
-42.5°	2	2	2	2	2	2	3	3	3	4	4
-43.75°	2	2	2	2	2	2	2	3	3	3	4
-45°	1	2	2	2	2	2	2	3	3	3	4
-46.25°	1	2	2	2	2	2	2	3	3	3	3
-47.5°	1	2	2	2	2	2	2	2	3	3	3
-48.75°	1	2	2	2	2	2	2	2	3	3	3
-50°	1	1	2	2	2	2	2	2	2	3	3
-51.25°	1	1	2	2	2	2	2	2	2	3	3
-52.5°	1	1	2	2	2	2	2	2	2	2	3
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	2	2	2
72.5°	1	1	1	1	1	1	2	2	2	2	2
71.25°	1	1	1	1	2	2	2	2	2	2	2
70°	1	1	2	2	2	2	2	2	2	2	2
68.75°	1	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	3	3
63.75°	2	2	2	2	2	2	2	2	3	3	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	2	2	2	3	3	3	3	3	3
60°	2	2	2	2	3	3	3	3	3	4	4
58.75°	2	2	2	3	3	3	3	3	4	4	4
57.5°	2	2	3	3	3	3	3	4	4	4	4
56.25°	2	3	3	3	3	3	4	4	4	4	5
55°	3	3	3	3	3	4	4	4	4	5	5
53.75°	3	3	3	3	4	4	4	4	5	5	6
52.5°	3	3	3	4	4	4	4	5	5	6	6
51.25°	3	3	4	4	4	4	5	5	6	6	7
50°	3	3	4	4	4	5	5	6	6	7	8
48.75°	3	4	4	4	5	5	6	6	7	7	8
47.5°	4	4	4	4	5	5	6	7	7	8	9
46.25°	4	4	4	5	5	6	7	7	8	9	9
45°	4	4	5	5	6	6	7	8	9	9	10
43.75°	4	4	5	5	6	7	8	8	9	10	11
42.5°	4	5	5	6	7	7	8	9	10	11	12
41.25°	4	5	5	6	7	8	9	9	10	11	12
40°	5	5	6	7	7	8	9	10	11	12	13
38.75°	5	5	6	7	8	9	10	11	12	13	14
37.5°	5	6	7	7	8	9	10	11	12	14	15
36.25°	5	6	7	8	9	10	11	12	13	14	16
35°	6	6	7	8	9	10	11	12	14	15	17



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	6	7	8	9	10	11	12	13	15	16	18
32.5°	6	7	8	9	10	11	12	14	16	17	20
31.25°	6	7	8	9	10	12	13	15	16	18	21
30°	7	8	9	10	11	12	14	15	17	20	23
28.75°	7	8	9	10	11	13	14	16	18	21	24
27.5°	7	8	9	10	12	13	15	17	19	22	25
26.25°	8	9	10	11	12	14	16	18	20	24	27
25°	8	9	10	11	13	14	16	19	22	25	28
23.75°	8	9	10	12	13	15	17	19	23	26	30
22.5°	8	9	11	12	13	16	18	20	24	27	32
21.25°	9	10	11	12	14	16	18	21	25	29	33
20°	9	10	11	13	14	17	19	22	26	30	34
18.75°	9	10	12	13	15	17	20	23	27	31	36
17.5°	9	10	12	13	15	18	21	24	28	32	37
16.25°	9	11	12	14	16	18	21	25	29	34	39
15°	10	11	12	14	16	19	22	26	30	35	40
13.75°	10	11	13	14	17	19	23	26	31	36	42
12.5°	10	11	13	15	17	20	23	27	32	37	43
11.25°	10	11	13	15	17	20	24	28	33	38	44
10°	10	12	13	15	18	21	24	28	33	39	45
8.75°	10	12	13	15	18	21	25	29	34	40	46
7.5°	10	12	13	16	18	21	25	29	34	40	47
6.25°	10	12	14	16	18	22	25	30	35	41	47
5°	10	12	14	16	18	22	26	30	35	41	48
3.75°	11	12	14	16	19	22	26	31	35	42	48
2.5°	11	12	14	16	19	22	26	31	36	42	49
1.25°	11	12	14	16	19	22	26	31	36	42	49
0°	11	12	14	16	19	22	26	31	36	42	49
-1.25°	11	12	14	16	19	22	26	31	36	42	49
-2.5°	11	12	14	16	19	22	26	31	36	42	49
-3.75°	11	12	14	16	19	22	26	31	36	42	49
-5°	10	12	14	16	18	22	26	30	35	41	48
-6.25°	10	12	14	16	18	22	25	30	35	41	47
-7.5°	10	12	13	16	18	21	25	29	34	40	47
-8.75°	10	12	13	15	18	21	25	29	34	40	46
-10°	10	12	13	15	18	21	24	28	33	39	45
-11.25°	10	11	13	15	17	20	24	28	33	38	44
-12.5°	10	11	13	15	17	20	23	27	32	37	43
-13.75°	10	11	13	14	17	19	23	26	31	36	42
-15°	10	11	12	14	16	19	22	26	30	35	40
-16.25°	9	11	12	14	16	18	21	25	29	34	39
-17.5°	9	10	12	13	15	18	21	24	28	32	37
-18.75°	9	10	12	13	15	17	20	23	27	31	36
-20°	9	10	11	13	14	17	19	22	26	30	34
-21.25°	9	10	11	12	14	16	18	21	25	29	33





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	8	9	11	12	13	16	18	20	24	27	32
-23.75°	8	9	10	12	13	15	17	19	23	26	30
-25°	8	9	10	11	13	14	16	19	22	25	28
-26.25°	8	9	10	11	12	14	16	18	20	24	27
-27.5°	7	8	9	10	12	13	15	17	19	22	25
-28.75°	7	8	9	10	11	13	14	16	18	21	24
-30°	7	8	9	10	11	12	14	15	17	20	23
-31.25°	6	7	8	9	10	12	13	15	16	18	21
-32.5°	6	7	8	9	10	11	12	14	16	17	20
-33.75°	6	7	8	9	10	11	12	13	15	16	18
-35°	6	6	7	8	9	10	11	12	14	15	17
-36.25°	5	6	7	8	9	10	11	12	13	14	16
-37.5°	5	6	7	7	8	9	10	11	12	14	15
-38.75°	5	5	6	7	8	9	10	11	12	13	14
-40°	5	5	6	7	7	8	9	10	11	12	13
-41.25°	4	5	5	6	7	8	9	9	10	11	12
-42.5°	4	5	5	6	7	7	8	9	10	11	12
-43.75°	4	4	5	5	6	7	8	8	9	10	11
-45°	4	4	5	5	6	6	7	8	9	9	10
-46.25°	4	4	4	5	5	6	7	7	8	9	9
-47.5°	4	4	4	4	5	5	6	7	7	8	9
-48.75°	3	4	4	4	5	5	6	6	7	7	8
-50°	3	3	4	4	4	5	5	6	6	7	8
-51.25°	3	3	4	4	4	4	5	5	6	6	7
-52.5°	3	3	3	4	4	4	4	5	5	6	6
-53.75°	3	3	3	3	4	4	4	4	5	5	6
-55°	3	3	3	3	3	4	4	4	4	5	5
-56.25°	2	3	3	3	3	3	4	4	4	4	5
-57.5°	2	2	3	3	3	3	3	4	4	4	4
-58.75°	2	2	2	3	3	3	3	3	4	4	4
-60°	2	2	2	2	3	3	3	3	3	4	4
-61.25°	2	2	2	2	2	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-65°	2	2	2	2	2	2	2	2	2	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	2	2	2
76.25°	1	1	1	1	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	3	3	3
68.75°	2	2	2	2	2	3	3	3	3	3	3
67.5°	2	2	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	4	4	4
65°	3	3	3	3	3	4	4	4	4	4	4
63.75°	3	3	3	4	4	4	4	4	4	4	5
62.5°	3	4	4	4	4	4	4	5	5	5	5
61.25°	4	4	4	4	4	5	5	5	5	6	6
60°	4	4	4	5	5	5	5	6	6	7	7
58.75°	4	4	5	5	5	6	6	7	7	7	8
57.5°	5	5	5	6	6	7	7	7	8	8	9
56.25°	5	5	6	6	7	7	8	8	9	9	10
55°	6	6	7	7	8	8	9	9	10	10	11
53.75°	6	7	7	8	8	9	9	10	11	11	12
52.5°	7	7	8	9	9	10	10	11	12	12	13
51.25°	7	8	9	9	10	11	11	12	13	14	14
50°	8	9	9	10	11	12	12	13	14	15	16
48.75°	9	10	10	11	12	13	13	14	16	17	18
47.5°	10	10	11	12	13	14	15	16	17	19	20
46.25°	10	11	12	13	14	15	16	18	19	21	23
45°	11	12	13	14	15	17	18	20	22	23	25
43.75°	12	13	14	15	17	18	20	22	24	26	28
42.5°	13	14	15	17	18	20	22	24	26	29	32
41.25°	13	15	16	18	20	22	24	27	30	32	35
40°	14	16	18	20	22	24	27	30	33	36	39
38.75°	16	17	19	22	24	26	30	33	36	40	43
37.5°	17	19	21	23	26	29	32	36	40	44	48
36.25°	18	20	23	25	28	32	35	39	43	48	53
35°	19	22	25	28	31	34	38	43	47	52	58



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	21	24	26	30	34	37	42	47	52	57	63
32.5°	22	25	29	32	36	41	45	50	56	62	69
31.25°	24	27	31	35	39	44	49	55	61	68	76
30°	25	29	33	37	42	47	53	59	66	74	82
28.75°	27	31	35	40	45	51	57	64	72	80	89
27.5°	29	33	38	43	48	55	61	69	77	86	97
26.25°	31	35	40	45	51	58	65	74	83	93	105
25°	33	37	43	48	55	62	70	79	88	100	112
23.75°	34	39	45	51	58	65	75	84	95	107	120
22.5°	36	42	47	54	61	70	79	89	102	114	129
21.25°	38	44	50	57	65	74	84	95	108	121	137
20°	40	46	52	60	68	78	88	101	114	129	145
18.75°	42	48	55	63	72	82	93	107	120	137	153
17.5°	43	50	57	65	75	86	98	112	127	144	161
16.25°	45	52	60	68	79	89	103	117	133	150	169
15°	47	54	62	71	82	94	107	122	139	156	177
13.75°	48	56	64	74	85	97	112	127	145	163	185
12.5°	49	57	66	76	87	101	115	132	150	170	191
11.25°	51	59	68	79	90	104	119	137	154	176	197
10°	52	60	70	81	93	107	123	141	159	181	203
8.75°	53	62	71	83	95	110	126	144	164	186	209
7.5°	54	63	73	84	97	112	129	147	168	190	214
6.25°	55	64	74	86	99	114	132	150	171	193	219
5°	56	64	75	87	101	116	134	152	174	196	223
3.75°	57	65	76	87	102	117	135	154	176	199	225
2.5°	57	65	77	88	103	118	136	155	178	200	228
1.25°	57	66	77	88	103	118	137	156	178	201	229
0°	57	66	77	89	104	119	137	156	179	202	229
-1.25°	57	66	77	88	103	118	137	156	178	201	229
-2.5°	57	65	77	88	103	118	136	155	178	200	228
-3.75°	57	65	77	88	103	118	136	155	178	200	228
-5°	56	64	75	87	101	116	134	152	174	196	223
-6.25°	55	64	74	86	99	114	132	150	171	193	219
-7.5°	54	63	73	84	97	112	129	147	168	190	214
-8.75°	53	62	71	83	95	110	126	144	164	186	209
-10°	52	60	70	81	93	107	123	141	159	181	203
-11.25°	51	59	68	79	90	104	119	137	154	176	197
-12.5°	49	57	66	76	87	101	115	132	150	170	191
-13.75°	48	56	64	74	85	97	112	127	145	163	185
-15°	47	54	62	71	82	94	107	122	139	156	177
-16.25°	45	52	60	68	79	89	103	117	133	150	169
-17.5°	43	50	57	65	75	86	98	112	127	144	161
-18.75°	42	48	55	63	72	82	93	107	120	137	153
-20°	40	46	52	60	68	78	88	101	114	129	145
-21.25°	38	44	50	57	65	74	84	95	108	121	137



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	36	42	47	54	61	70	79	89	102	114	129
-23.75°	34	39	45	51	58	65	75	84	95	107	120
-25°	33	37	43	48	55	62	70	79	88	100	112
-26.25°	31	35	40	45	51	58	65	74	83	93	105
-27.5°	29	33	38	43	48	55	61	69	77	86	97
-28.75°	27	31	35	40	45	51	57	64	72	80	89
-30°	25	29	33	37	42	47	53	59	66	74	82
-31.25°	24	27	31	35	39	44	49	55	61	68	76
-32.5°	22	25	29	32	36	41	45	50	56	62	69
-33.75°	21	24	26	30	34	37	42	47	52	57	63
-35°	19	22	25	28	31	34	38	43	47	52	58
-36.25°	18	20	23	25	28	32	35	39	43	48	53
-37.5°	17	19	21	23	26	29	32	36	40	44	48
-38.75°	16	17	19	22	24	26	30	33	36	40	43
-40°	14	16	18	20	22	24	27	30	33	36	39
-41.25°	13	15	16	18	20	22	24	27	30	32	35
-42.5°	13	14	15	17	18	20	22	24	26	29	32
-43.75°	12	13	14	15	17	18	20	22	24	26	28
-45°	11	12	13	14	15	17	18	20	22	23	25
-46.25°	10	11	12	13	14	15	16	18	19	21	23
-47.5°	10	10	11	12	13	14	15	16	17	19	20
-48.75°	9	10	10	11	12	13	13	14	16	17	18
-50°	8	9	9	10	11	12	12	13	14	15	16
-51.25°	7	8	9	9	10	11	11	12	13	14	14
-52.5°	7	7	8	9	9	10	10	11	12	12	13
-53.75°	6	7	7	8	8	9	9	10	11	11	12
-55°	6	6	7	7	8	8	9	9	10	10	11
-56.25°	5	5	6	6	7	7	8	8	9	9	10
-57.5°	5	5	5	6	6	7	7	7	8	8	9
-58.75°	4	4	5	5	5	6	6	7	7	7	8
-60°	4	4	4	5	5	5	5	6	6	7	7
-61.25°	4	4	4	4	4	5	5	5	5	6	6
-62.5°	3	4	4	4	4	4	4	5	5	5	5
-63.75°	3	3	3	4	4	4	4	4	4	4	5
-65°	3	3	3	3	3	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	4	4	4
-67.5°	2	2	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	3	3	3	3	3	3
71.25°	2	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	4	4
68.75°	3	3	3	3	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	5
66.25°	4	4	4	4	4	5	5	5	5	5	5
65°	4	4	5	5	5	5	5	6	6	6	6
63.75°	5	5	5	6	6	6	6	7	7	7	7
62.5°	6	6	6	6	7	7	7	8	8	8	8
61.25°	6	7	7	7	8	8	8	9	9	9	9
60°	7	8	8	8	9	9	9	10	10	10	11
58.75°	8	9	9	9	10	10	10	11	11	12	12
57.5°	9	10	10	10	11	11	12	12	13	13	13
56.25°	10	11	11	12	12	13	13	14	14	15	16
55°	11	12	12	13	14	14	15	16	16	17	18
53.75°	12	13	14	15	15	16	17	18	19	19	20
52.5°	14	15	16	16	17	18	19	20	22	23	24
51.25°	15	16	17	18	20	21	22	24	25	26	27
50°	17	18	20	21	23	24	25	27	28	30	32
48.75°	19	21	22	24	25	27	29	31	33	34	36
47.5°	22	24	25	27	29	31	33	35	37	39	42
46.25°	25	26	29	31	33	35	38	40	43	45	47
45°	28	30	32	35	37	40	43	45	48	51	54
43.75°	31	34	36	39	42	45	48	51	55	58	61
42.5°	34	37	41	44	47	51	55	58	62	65	70
41.25°	38	42	45	49	53	57	61	65	70	75	79
40°	43	47	50	55	59	64	69	74	79	84	89
38.75°	47	52	56	61	66	72	77	83	88	95	102
37.5°	52	57	62	68	74	80	86	93	100	107	114
36.25°	58	63	69	76	82	89	97	105	112	120	129
35°	63	70	77	84	91	99	108	116	125	135	144



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	70	77	84	92	101	110	119	129	140	149	159
32.5°	77	84	93	102	112	121	132	143	154	166	178
31.25°	84	92	102	112	123	134	146	157	170	183	195
30°	91	101	112	123	135	147	159	173	187	200	216
28.75°	99	110	121	134	147	160	175	190	204	221	237
27.5°	108	119	132	146	159	175	190	206	224	241	258
26.25°	116	129	143	157	173	190	206	225	243	261	281
25°	125	140	154	170	187	204	224	243	262	283	304
23.75°	135	149	166	183	200	221	241	261	283	305	327
22.5°	144	159	178	195	216	237	258	281	304	327	351
21.25°	153	171	189	209	231	252	276	300	324	349	374
20°	162	181	200	223	245	269	294	318	345	371	396
18.75°	172	191	213	236	259	285	311	338	365	392	416
17.5°	181	201	225	248	274	301	328	356	385	410	435
16.25°	190	212	236	261	288	316	345	374	402	428	452
15°	198	222	247	274	302	330	361	391	418	444	469
13.75°	206	232	257	286	314	345	376	405	432	459	483
12.5°	215	241	268	297	326	358	390	418	446	472	496
11.25°	223	249	277	307	338	371	401	430	458	484	507
10°	230	256	286	316	349	382	412	441	469	494	518
8.75°	236	264	294	325	358	391	421	451	478	503	528
7.5°	241	270	301	333	367	399	430	459	486	511	537
6.25°	246	276	307	339	374	406	437	466	493	518	544
5°	250	280	311	345	380	412	442	472	498	524	550
3.75°	253	284	315	349	384	416	447	476	502	528	555
2.5°	255	286	318	353	387	419	450	479	505	532	559
1.25°	256	288	320	354	389	421	452	481	507	534	561
0°	257	288	320	355	390	422	453	481	508	534	562
-1.25°	256	288	320	354	389	421	452	481	507	534	561
-2.5°	255	286	318	353	387	419	450	479	505	532	559
-3.75°	253	284	315	349	384	416	447	476	502	528	555
-5°	250	280	311	345	380	412	442	472	498	524	550
-6.25°	246	276	307	339	374	406	437	466	493	518	544
-7.5°	241	270	301	333	367	399	430	459	486	511	537
-8.75°	236	264	294	325	358	391	421	451	478	503	528
-10°	230	256	286	316	349	382	412	441	469	494	518
-11.25°	223	249	277	307	338	371	401	430	458	484	507
-12.5°	215	241	268	297	326	358	390	418	446	472	496
-13.75°	206	232	257	286	314	345	376	405	432	459	483
-15°	198	222	247	274	302	330	361	391	418	444	469
-16.25°	190	212	236	261	288	316	345	374	402	428	452
-17.5°	181	201	225	248	274	301	328	356	385	410	435
-18.75°	172	191	213	236	259	285	311	338	365	392	416
-20°	162	181	200	223	245	269	294	318	345	371	396
-21.25°	153	171	189	209	231	252	276	300	324	349	374





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	144	159	178	195	216	237	258	281	304	327	351
-23.75°	135	149	166	183	200	221	241	261	283	305	327
-25°	125	140	154	170	187	204	224	243	262	283	304
-26.25°	116	129	143	157	173	190	206	225	243	261	281
-27.5°	108	119	132	146	159	175	190	206	224	241	258
-28.75°	99	110	121	134	147	160	175	190	204	221	237
-30°	91	101	112	123	135	147	159	173	187	200	216
-31.25°	84	92	102	112	123	134	146	157	170	183	195
-32.5°	77	84	93	102	112	121	132	143	154	166	178
-33.75°	70	77	84	92	101	110	119	129	140	149	159
-35°	63	70	77	84	91	99	108	116	125	135	144
-36.25°	58	63	69	76	82	89	97	105	112	120	129
-37.5°	52	57	62	68	74	80	86	93	100	107	114
-38.75°	47	52	56	61	66	72	77	83	88	95	102
-40°	43	47	50	55	59	64	69	74	79	84	89
-41.25°	38	42	45	49	53	57	61	65	70	75	79
-42.5°	34	37	41	44	47	51	55	58	62	65	70
-43.75°	31	34	36	39	42	45	48	51	55	58	61
-45°	28	30	32	35	37	40	43	45	48	51	54
-46.25°	25	26	29	31	33	35	38	40	43	45	47
-47.5°	22	24	25	27	29	31	33	35	37	39	42
-48.75°	19	21	22	24	25	27	29	31	33	34	36
-50°	17	18	20	21	23	24	25	27	28	30	32
-51.25°	15	16	17	18	20	21	22	24	25	26	27
-52.5°	14	15	16	16	17	18	19	20	22	23	24
-53.75°	12	13	14	15	15	16	17	18	19	19	20
-55°	11	12	12	13	14	14	15	16	16	17	18
-56.25°	10	11	11	12	12	13	13	14	14	15	16
-57.5°	9	10	10	10	11	11	12	12	13	13	13
-58.75°	8	9	9	9	10	10	10	11	11	12	12
-60°	7	8	8	8	9	9	9	10	10	10	11
-61.25°	6	7	7	7	8	8	8	9	9	9	9
-62.5°	6	6	6	6	7	7	7	8	8	8	8
-63.75°	5	5	5	6	6	6	6	7	7	7	7
-65°	4	4	5	5	5	5	5	6	6	6	6
-66.25°	4	4	4	4	4	5	5	5	5	5	5
-67.5°	4	4	4	4	4	4	4	4	4	4	5
-68.75°	3	3	3	3	4	4	4	4	4	4	4
-70°	3	3	3	3	3	3	3	3	3	4	4
-71.25°	2	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	5	5	5	5
67.5°	5	5	5	5	5	5	5	5	5	5	6
66.25°	5	6	6	6	6	6	6	6	6	7	7
65°	6	7	7	7	7	7	7	7	8	8	8
63.75°	7	8	8	8	8	8	9	9	9	9	9
62.5°	9	9	9	9	9	10	10	10	10	10	10
61.25°	10	10	10	10	11	11	11	11	11	12	12
60°	11	11	12	12	12	12	13	13	13	13	13
58.75°	12	13	13	13	14	14	14	15	15	15	15
57.5°	14	14	15	15	16	16	17	17	17	18	18
56.25°	16	17	17	18	18	19	19	20	20	21	21
55°	18	19	20	21	21	22	23	23	24	24	25
53.75°	21	22	23	24	25	26	26	27	28	28	29
52.5°	25	26	27	28	29	30	31	32	33	33	34
51.25°	29	30	31	32	34	35	36	37	38	39	40
50°	33	34	36	37	39	40	42	43	44	45	46
48.75°	38	40	42	43	45	47	48	49	51	52	53
47.5°	44	46	48	50	52	54	56	57	59	60	62
46.25°	50	52	55	57	60	62	64	66	68	70	71
45°	57	60	63	65	68	71	74	76	79	81	83
43.75°	65	68	72	75	79	82	85	87	90	93	95
42.5°	74	78	82	86	89	94	97	101	104	107	110
41.25°	84	88	93	98	103	107	112	115	119	123	126
40°	95	101	107	112	117	122	127	132	137	141	144
38.75°	108	114	120	127	133	139	145	150	154	159	164
37.5°	121	129	137	144	150	156	163	170	176	181	186
36.25°	137	145	153	161	169	177	185	191	197	203	209
35°	153	162	172	181	190	198	206	215	223	230	236



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	171	181	191	201	212	222	232	241	249	256	264
32.5°	189	200	213	225	236	247	257	268	277	286	294
31.25°	209	223	236	248	261	274	286	297	307	316	325
30°	231	245	259	274	288	302	314	326	338	349	358
28.75°	252	269	285	301	316	330	345	358	371	382	391
27.5°	276	294	311	328	345	361	376	390	401	412	421
26.25°	300	318	338	356	374	391	405	418	430	441	451
25°	324	345	365	385	402	418	432	446	458	469	478
23.75°	349	371	392	410	428	444	459	472	484	494	503
22.5°	374	396	416	435	452	469	483	496	507	518	528
21.25°	398	419	439	458	475	491	505	518	531	542	553
20°	419	441	461	479	496	512	527	541	555	567	578
18.75°	439	461	481	499	516	532	549	564	578	591	603
17.5°	458	479	499	517	535	553	570	586	601	616	628
16.25°	475	496	516	535	555	573	591	608	625	639	653
15°	491	512	532	553	573	593	612	630	647	663	678
13.75°	505	527	549	570	591	612	632	651	669	687	703
12.5°	518	541	564	586	608	630	651	671	692	710	727
11.25°	531	555	578	601	625	647	669	692	713	732	747
10°	542	567	591	616	639	663	687	710	732	750	765
8.75°	553	578	603	628	653	678	703	727	747	765	781
7.5°	562	588	614	640	666	692	718	741	761	779	795
6.25°	570	597	623	650	677	704	730	752	773	791	807
5°	577	604	631	658	686	714	740	762	782	801	817
3.75°	582	610	637	665	694	722	747	770	790	808	825
2.5°	586	614	642	670	699	727	752	775	795	814	831
1.25°	589	617	644	673	702	731	755	778	798	817	834
0°	589	618	645	674	703	732	756	779	800	818	835
-1.25°	589	617	644	673	702	731	755	778	798	817	834
-2.5°	586	614	642	670	699	727	752	775	795	814	831
-3.75°	582	610	637	665	694	722	747	770	790	808	825
-5°	577	604	631	658	686	714	740	762	782	801	817
-6.25°	570	597	623	650	677	704	730	752	773	791	807
-7.5°	562	588	614	640	666	692	718	741	761	779	795
-8.75°	553	578	603	628	653	678	703	727	747	765	781
-10°	542	567	591	616	639	663	687	710	732	750	765
-11.25°	531	555	578	601	625	647	669	692	713	732	747
-12.5°	518	541	564	586	608	630	651	671	692	710	727
-13.75°	505	527	549	570	591	612	632	651	669	687	703
-15°	491	512	532	553	573	593	612	630	647	663	678
-16.25°	475	496	516	535	555	573	591	608	625	639	653
-17.5°	458	479	499	517	535	553	570	586	601	616	628
-18.75°	439	461	481	499	516	532	549	564	578	591	603
-20°	419	441	461	479	496	512	527	541	555	567	578
-21.25°	398	419	439	458	475	491	505	518	531	542	553



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	374	396	416	435	452	469	483	496	507	518	528
-23.75°	349	371	392	410	428	444	459	472	484	494	503
-25°	324	345	365	385	402	418	432	446	458	469	478
-26.25°	300	318	338	356	374	391	405	418	430	441	451
-27.5°	276	294	311	328	345	361	376	390	401	412	421
-28.75°	252	269	285	301	316	330	345	358	371	382	391
-30°	231	245	259	274	288	302	314	326	338	349	358
-31.25°	209	223	236	248	261	274	286	297	307	316	325
-32.5°	189	200	213	225	236	247	257	268	277	286	294
-33.75°	171	181	191	201	212	222	232	241	249	256	264
-35°	153	162	172	181	190	198	206	215	223	230	236
-36.25°	137	145	153	161	169	177	185	191	197	203	209
-37.5°	121	129	137	144	150	156	163	170	176	181	186
-38.75°	108	114	120	127	133	139	145	150	154	159	164
-40°	95	101	107	112	117	122	127	132	137	141	144
-41.25°	84	88	93	98	103	107	112	115	119	123	126
-42.5°	74	78	82	86	89	94	97	101	104	107	110
-43.75°	65	68	72	75	79	82	85	87	90	93	95
-45°	57	60	63	65	68	71	74	76	79	81	83
-46.25°	50	52	55	57	60	62	64	66	68	70	71
-47.5°	44	46	48	50	52	54	56	57	59	60	62
-48.75°	38	40	42	43	45	47	48	49	51	52	53
-50°	33	34	36	37	39	40	42	43	44	45	46
-51.25°	29	30	31	32	34	35	36	37	38	39	40
-52.5°	25	26	27	28	29	30	31	32	33	33	34
-53.75°	21	22	23	24	25	26	26	27	28	28	29
-55°	18	19	20	21	21	22	23	23	24	24	25
-56.25°	16	17	17	18	18	19	19	20	20	21	21
-57.5°	14	14	15	15	16	16	17	17	17	18	18
-58.75°	12	13	13	13	14	14	14	15	15	15	15
-60°	11	11	12	12	12	12	13	13	13	13	13
-61.25°	10	10	10	10	11	11	11	11	11	12	12
-62.5°	9	9	9	9	9	10	10	10	10	10	10
-63.75°	7	8	8	8	8	8	9	9	9	9	9
-65°	6	7	7	7	7	7	7	7	8	8	8
-66.25°	5	6	6	6	6	6	6	6	6	7	7
-67.5°	5	5	5	5	5	5	5	5	5	5	6
-68.75°	4	4	4	4	4	4	4	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	5	5	5
67.5°	6	6	6	6	6	6	6	6	6	6	6
66.25°	7	7	7	7	7	7	7	7	7	7	7
65°	8	8	8	8	8	8	8	8	8	8	8
63.75°	9	9	9	9	9	9	9	9	9	9	9
62.5°	10	10	10	11	11	11	11	11	11	11	10
61.25°	12	12	12	12	12	12	12	12	12	12	12
60°	13	14	14	14	14	14	14	14	14	14	14
58.75°	16	16	16	16	16	16	16	16	16	16	16
57.5°	18	18	18	19	19	19	19	19	19	19	18
56.25°	21	22	22	22	22	22	22	22	22	22	22
55°	25	25	26	26	26	26	26	26	26	26	26
53.75°	29	30	30	31	31	31	31	31	31	31	30
52.5°	34	35	35	35	36	36	36	36	36	35	35
51.25°	40	41	41	42	42	42	42	42	42	42	41
50°	47	47	48	48	49	49	49	49	49	48	48
48.75°	54	55	56	57	57	57	57	57	57	57	56
47.5°	63	64	64	65	65	66	66	66	65	65	64
46.25°	73	74	75	76	77	77	77	77	77	76	75
45°	84	86	87	87	88	88	89	88	88	87	87
43.75°	97	99	101	102	103	103	104	103	103	102	101
42.5°	112	114	116	117	118	118	119	118	118	117	116
41.25°	129	132	134	135	136	137	137	137	136	135	134
40°	147	150	152	154	155	156	156	156	155	154	152
38.75°	168	171	174	176	178	178	179	178	178	176	174
37.5°	190	193	196	199	200	201	202	201	200	199	196
36.25°	214	219	223	225	228	229	229	229	228	225	223
35°	241	246	250	253	255	256	257	256	255	253	250



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	270	276	280	284	286	288	288	288	286	284	280
32.5°	301	307	311	315	318	320	320	320	318	315	311
31.25°	333	339	345	349	353	354	355	354	353	349	345
30°	367	374	380	384	387	389	390	389	387	384	380
28.75°	399	406	412	416	419	421	422	421	419	416	412
27.5°	430	437	442	447	450	452	453	452	450	447	442
26.25°	459	466	472	476	479	481	481	481	479	476	472
25°	486	493	498	502	505	507	508	507	505	502	498
23.75°	511	518	524	528	532	534	534	534	532	528	524
22.5°	537	544	550	555	559	561	562	561	559	555	550
21.25°	562	570	577	582	586	589	589	589	586	582	577
20°	588	597	604	610	614	617	618	617	614	610	604
18.75°	614	623	631	637	642	644	645	644	642	637	631
17.5°	640	650	658	665	670	673	674	673	670	665	658
16.25°	666	677	686	694	699	702	703	702	699	694	686
15°	692	704	714	722	727	731	732	731	727	722	714
13.75°	718	730	740	747	752	755	756	755	752	747	740
12.5°	741	752	762	770	775	778	779	778	775	770	762
11.25°	761	773	782	790	795	798	800	798	795	790	782
10°	779	791	801	808	814	817	818	817	814	808	801
8.75°	795	807	817	825	831	834	835	834	831	825	817
7.5°	810	822	832	839	844	846	847	846	844	839	832
6.25°	822	834	843	848	850	851	851	851	850	848	843
5°	832	843	849	851	851	849	849	849	851	851	849
3.75°	839	848	851	850	846	843	842	843	846	850	851
2.5°	844	850	851	846	840	836	834	836	840	846	851
1.25°	846	851	849	843	836	831	831	831	836	843	849
0°	847	851	849	842	834	831	834	831	834	842	849
-1.25°	846	851	849	843	836	831	831	831	836	843	849
-2.5°	844	850	851	846	840	836	834	836	840	846	851
-3.75°	839	848	851	850	846	843	842	843	846	850	851
-5°	832	843	849	851	851	849	849	849	851	851	849
-6.25°	822	834	843	848	850	851	851	851	850	848	843
-7.5°	810	822	832	839	844	846	847	846	844	839	832
-8.75°	795	807	817	825	831	834	835	834	831	825	817
-10°	779	791	801	808	814	817	818	817	814	808	801
-11.25°	761	773	782	790	795	798	800	798	795	790	782
-12.5°	741	752	762	770	775	778	779	778	775	770	762
-13.75°	718	730	740	747	752	755	756	755	752	747	740
-15°	692	704	714	722	727	731	732	731	727	722	714
-16.25°	666	677	686	694	699	702	703	702	699	694	686
-17.5°	640	650	658	665	670	673	674	673	670	665	658
-18.75°	614	623	631	637	642	644	645	644	642	637	631
-20°	588	597	604	610	614	617	618	617	614	610	604
-21.25°	562	570	577	582	586	589	589	589	586	582	577





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	537	544	550	555	559	561	562	561	559	555	550
-23.75°	511	518	524	528	532	534	534	534	532	528	524
-25°	486	493	498	502	505	507	508	507	505	502	498
-26.25°	459	466	472	476	479	481	481	481	479	476	472
-27.5°	430	437	442	447	450	452	453	452	450	447	442
-28.75°	399	406	412	416	419	421	422	421	419	416	412
-30°	367	374	380	384	387	389	390	389	387	384	380
-31.25°	333	339	345	349	353	354	355	354	353	349	345
-32.5°	301	307	311	315	318	320	320	320	318	315	311
-33.75°	270	276	280	284	286	288	288	288	286	284	280
-35°	241	246	250	253	255	256	257	256	255	253	250
-36.25°	214	219	223	225	228	229	229	229	228	225	223
-37.5°	190	193	196	199	200	201	202	201	200	199	196
-38.75°	168	171	174	176	178	178	179	178	178	176	174
-40°	147	150	152	154	155	156	156	156	155	154	152
-41.25°	129	132	134	135	136	137	137	137	136	135	134
-42.5°	112	114	116	117	118	118	119	118	118	117	116
-43.75°	97	99	101	102	103	103	104	103	103	102	101
-45°	84	86	87	87	88	88	89	88	88	87	87
-46.25°	73	74	75	76	77	77	77	77	77	76	75
-47.5°	63	64	64	65	65	66	66	66	65	65	64
-48.75°	54	55	56	57	57	57	57	57	57	57	56
-50°	47	47	48	48	49	49	49	49	49	48	48
-51.25°	40	41	41	42	42	42	42	42	42	42	41
-52.5°	34	35	35	35	36	36	36	36	36	35	35
-53.75°	29	30	30	31	31	31	31	31	31	31	30
-55°	25	25	26	26	26	26	26	26	26	26	26
-56.25°	21	22	22	22	22	22	22	22	22	22	22
-57.5°	18	18	18	19	19	19	19	19	19	19	18
-58.75°	16	16	16	16	16	16	16	16	16	16	16
-60°	13	14	14	14	14	14	14	14	14	14	14
-61.25°	12	12	12	12	12	12	12	12	12	12	12
-62.5°	10	10	10	11	11	11	11	11	11	11	10
-63.75°	9	9	9	9	9	9	9	9	9	9	9
-65°	8	8	8	8	8	8	8	8	8	8	8
-66.25°	7	7	7	7	7	7	7	7	7	7	7
-67.5°	6	6	6	6	6	6	6	6	6	6	6
-68.75°	5	5	5	5	5	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	4	4	4	3	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	4	4	4	4	4
67.5°	6	6	6	5	5	5	5	5	5	5	5
66.25°	7	7	7	7	6	6	6	6	6	6	6
65°	8	8	8	8	8	7	7	7	7	7	7
63.75°	9	9	9	9	9	9	9	8	8	8	8
62.5°	10	10	10	10	10	10	10	10	9	9	9
61.25°	12	12	12	12	11	11	11	11	11	10	10
60°	14	13	13	13	13	13	13	12	12	12	12
58.75°	16	16	15	15	15	15	14	14	14	13	13
57.5°	18	18	18	18	17	17	17	16	16	15	15
56.25°	22	21	21	21	20	20	19	19	18	18	17
55°	25	25	25	24	24	23	23	22	21	21	20
53.75°	30	29	29	28	28	27	26	26	25	24	23
52.5°	35	34	34	33	33	32	31	30	29	28	27
51.25°	41	40	40	39	38	37	36	35	34	32	31
50°	47	47	46	45	44	43	42	40	39	37	36
48.75°	55	54	53	52	51	49	48	47	45	43	42
47.5°	64	63	62	60	59	57	56	54	52	50	48
46.25°	74	73	71	70	68	66	64	62	60	57	55
45°	86	84	83	81	79	76	74	71	68	65	63
43.75°	99	97	95	93	90	87	85	82	79	75	72
42.5°	114	112	110	107	104	101	97	94	89	86	82
41.25°	132	129	126	123	119	115	112	107	103	98	93
40°	150	147	144	141	137	132	127	122	117	112	107
38.75°	171	168	164	159	154	150	145	139	133	127	120
37.5°	193	190	186	181	176	170	163	156	150	144	137
36.25°	219	214	209	203	197	191	185	177	169	161	153
35°	246	241	236	230	223	215	206	198	190	181	172



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°
33.75°	276	270	264	256	249	241	232	222	212	201	191
32.5°	307	301	294	286	277	268	257	247	236	225	213
31.25°	339	333	325	316	307	297	286	274	261	248	236
30°	374	367	358	349	338	326	314	302	288	274	259
28.75°	406	399	391	382	371	358	345	330	316	301	285
27.5°	437	430	421	412	401	390	376	361	345	328	311
26.25°	466	459	451	441	430	418	405	391	374	356	338
25°	493	486	478	469	458	446	432	418	402	385	365
23.75°	518	511	503	494	484	472	459	444	428	410	392
22.5°	544	537	528	518	507	496	483	469	452	435	416
21.25°	570	562	553	542	531	518	505	491	475	458	439
20°	597	588	578	567	555	541	527	512	496	479	461
18.75°	623	614	603	591	578	564	549	532	516	499	481
17.5°	650	640	628	616	601	586	570	553	535	517	499
16.25°	677	666	653	639	625	608	591	573	555	535	516
15°	704	692	678	663	647	630	612	593	573	553	532
13.75°	730	718	703	687	669	651	632	612	591	570	549
12.5°	752	741	727	710	692	671	651	630	608	586	564
11.25°	773	761	747	732	713	692	669	647	625	601	578
10°	791	779	765	750	732	710	687	663	639	616	591
8.75°	807	795	781	765	747	727	703	678	653	628	603
7.5°	822	810	795	779	761	741	718	692	666	640	614
6.25°	834	822	807	791	773	752	730	704	677	650	623
5°	843	832	817	801	782	762	740	714	686	658	631
3.75°	848	839	825	808	790	770	747	722	694	665	637
2.5°	850	844	831	814	795	775	752	727	699	670	642
1.25°	851	846	834	817	798	778	755	731	702	673	644
0°	851	847	835	818	800	779	756	732	703	674	645
-1.25°	851	846	834	817	798	778	755	731	702	673	644
-2.5°	850	844	831	814	795	775	752	727	699	670	642
-3.75°	848	839	825	808	790	770	747	722	694	665	637
-5°	843	832	817	801	782	762	740	714	686	658	631
-6.25°	834	822	807	791	773	752	730	704	677	650	623
-7.5°	822	810	795	779	761	741	718	692	666	640	614
-8.75°	807	795	781	765	747	727	703	678	653	628	603
-10°	791	779	765	750	732	710	687	663	639	616	591
-11.25°	773	761	747	732	713	692	669	647	625	601	578
-12.5°	752	741	727	710	692	671	651	630	608	586	564
-13.75°	730	718	703	687	669	651	632	612	591	570	549
-15°	704	692	678	663	647	630	612	593	573	553	532
-16.25°	677	666	653	639	625	608	591	573	555	535	516
-17.5°	650	640	628	616	601	586	570	553	535	517	499
-18.75°	623	614	603	591	578	564	549	532	516	499	481
-20°	597	588	578	567	555	541	527	512	496	479	461
-21.25°	570	562	553	542	531	518	505	491	475	458	439



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	544	537	528	518	507	496	483	469	452	435	416
-23.75°	518	511	503	494	484	472	459	444	428	410	392
-25°	493	486	478	469	458	446	432	418	402	385	365
-26.25°	466	459	451	441	430	418	405	391	374	356	338
-27.5°	437	430	421	412	401	390	376	361	345	328	311
-28.75°	406	399	391	382	371	358	345	330	316	301	285
-30°	374	367	358	349	338	326	314	302	288	274	259
-31.25°	339	333	325	316	307	297	286	274	261	248	236
-32.5°	307	301	294	286	277	268	257	247	236	225	213
-33.75°	276	270	264	256	249	241	232	222	212	201	191
-35°	246	241	236	230	223	215	206	198	190	181	172
-36.25°	219	214	209	203	197	191	185	177	169	161	153
-37.5°	193	190	186	181	176	170	163	156	150	144	137
-38.75°	171	168	164	159	154	150	145	139	133	127	120
-40°	150	147	144	141	137	132	127	122	117	112	107
-41.25°	132	129	126	123	119	115	112	107	103	98	93
-42.5°	114	112	110	107	104	101	97	94	89	86	82
-43.75°	99	97	95	93	90	87	85	82	79	75	72
-45°	86	84	83	81	79	76	74	71	68	65	63
-46.25°	74	73	71	70	68	66	64	62	60	57	55
-47.5°	64	63	62	60	59	57	56	54	52	50	48
-48.75°	55	54	53	52	51	49	48	47	45	43	42
-50°	47	47	46	45	44	43	42	40	39	37	36
-51.25°	41	40	40	39	38	37	36	35	34	32	31
-52.5°	35	34	34	33	33	32	31	30	29	28	27
-53.75°	30	29	29	28	28	27	26	26	25	24	23
-55°	25	25	25	24	24	23	23	22	21	21	20
-56.25°	22	21	21	21	20	20	19	19	18	18	17
-57.5°	18	18	18	18	17	17	17	16	16	15	15
-58.75°	16	16	15	15	15	15	14	14	14	13	13
-60°	14	13	13	13	13	13	13	12	12	12	12
-61.25°	12	12	12	12	11	11	11	11	11	10	10
-62.5°	10	10	10	10	10	10	10	10	9	9	9
-63.75°	9	9	9	9	9	9	9	8	8	8	8
-65°	8	8	8	8	8	7	7	7	7	7	7
-66.25°	7	7	7	7	6	6	6	6	6	6	6
-67.5°	6	6	6	5	5	5	5	5	5	5	5
-68.75°	5	5	5	5	5	5	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	4	4	4	4	3	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	4	3	3
67.5°	5	5	5	4	4	4	4	4	4	4	4
66.25°	6	5	5	5	5	5	5	5	4	4	4
65°	7	6	6	6	6	6	5	5	5	5	5
63.75°	8	7	7	7	7	7	6	6	6	6	5
62.5°	9	9	8	8	8	8	7	7	7	6	6
61.25°	10	10	9	9	9	9	8	8	8	7	7
60°	11	11	11	10	10	10	9	9	9	8	8
58.75°	13	12	12	12	11	11	10	10	10	9	9
57.5°	14	14	13	13	13	12	12	11	11	10	10
56.25°	17	16	16	15	14	14	13	13	12	12	11
55°	19	18	18	17	16	16	15	14	14	13	12
53.75°	22	21	20	19	19	18	17	16	15	15	14
52.5°	26	25	24	23	22	20	19	18	17	16	16
51.25°	30	29	27	26	25	24	22	21	20	18	17
50°	34	33	32	30	28	27	25	24	23	21	20
48.75°	40	38	36	34	33	31	29	27	25	24	22
47.5°	46	44	42	39	37	35	33	31	29	27	25
46.25°	52	50	47	45	43	40	38	35	33	31	29
45°	60	57	54	51	48	45	43	40	37	35	32
43.75°	68	65	61	58	55	51	48	45	42	39	36
42.5°	78	74	70	65	62	58	55	51	47	44	41
41.25°	88	84	79	75	70	65	61	57	53	49	45
40°	101	95	89	84	79	74	69	64	59	55	50
38.75°	114	108	102	95	88	83	77	72	66	61	56
37.5°	129	121	114	107	100	93	86	80	74	68	62
36.25°	145	137	129	120	112	105	97	89	82	76	69
35°	162	153	144	135	125	116	108	99	91	84	77



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	181	171	159	149	140	129	119	110	101	92	84
32.5°	200	189	178	166	154	143	132	121	112	102	93
31.25°	223	209	195	183	170	157	146	134	123	112	102
30°	245	231	216	200	187	173	159	147	135	123	112
28.75°	269	252	237	221	204	190	175	160	147	134	121
27.5°	294	276	258	241	224	206	190	175	159	146	132
26.25°	318	300	281	261	243	225	206	190	173	157	143
25°	345	324	304	283	262	243	224	204	187	170	154
23.75°	371	349	327	305	283	261	241	221	200	183	166
22.5°	396	374	351	327	304	281	258	237	216	195	178
21.25°	419	398	374	349	324	300	276	252	231	209	189
20°	441	419	396	371	345	318	294	269	245	223	200
18.75°	461	439	416	392	365	338	311	285	259	236	213
17.5°	479	458	435	410	385	356	328	301	274	248	225
16.25°	496	475	452	428	402	374	345	316	288	261	236
15°	512	491	469	444	418	391	361	330	302	274	247
13.75°	527	505	483	459	432	405	376	345	314	286	257
12.5°	541	518	496	472	446	418	390	358	326	297	268
11.25°	555	531	507	484	458	430	401	371	338	307	277
10°	567	542	518	494	469	441	412	382	349	316	286
8.75°	578	553	528	503	478	451	421	391	358	325	294
7.5°	588	562	537	511	486	459	430	399	367	333	301
6.25°	597	570	544	518	493	466	437	406	374	339	307
5°	604	577	550	524	498	472	442	412	380	345	311
3.75°	610	582	555	528	502	476	447	416	384	349	315
2.5°	614	586	559	532	505	479	450	419	387	353	318
1.25°	617	589	561	534	507	481	452	421	389	354	320
0°	618	589	562	534	508	481	453	422	390	355	320
-1.25°	617	589	561	534	507	481	452	421	389	354	320
-2.5°	614	586	559	532	505	479	450	419	387	353	318
-3.75°	610	582	555	528	502	476	447	416	384	349	315
-5°	604	577	550	524	498	472	442	412	380	345	311
-6.25°	597	570	544	518	493	466	437	406	374	339	307
-7.5°	588	562	537	511	486	459	430	399	367	333	301
-8.75°	578	553	528	503	478	451	421	391	358	325	294
-10°	567	542	518	494	469	441	412	382	349	316	286
-11.25°	555	531	507	484	458	430	401	371	338	307	277
-12.5°	541	518	496	472	446	418	390	358	326	297	268
-13.75°	527	505	483	459	432	405	376	345	314	286	257
-15°	512	491	469	444	418	391	361	330	302	274	247
-16.25°	496	475	452	428	402	374	345	316	288	261	236
-17.5°	479	458	435	410	385	356	328	301	274	248	225
-18.75°	461	439	416	392	365	338	311	285	259	236	213
-20°	441	419	396	371	345	318	294	269	245	223	200
-21.25°	419	398	374	349	324	300	276	252	231	209	189





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	396	374	351	327	304	281	258	237	216	195	178
-23.75°	371	349	327	305	283	261	241	221	200	183	166
-25°	345	324	304	283	262	243	224	204	187	170	154
-26.25°	318	300	281	261	243	225	206	190	173	157	143
-27.5°	294	276	258	241	224	206	190	175	159	146	132
-28.75°	269	252	237	221	204	190	175	160	147	134	121
-30°	245	231	216	200	187	173	159	147	135	123	112
-31.25°	223	209	195	183	170	157	146	134	123	112	102
-32.5°	200	189	178	166	154	143	132	121	112	102	93
-33.75°	181	171	159	149	140	129	119	110	101	92	84
-35°	162	153	144	135	125	116	108	99	91	84	77
-36.25°	145	137	129	120	112	105	97	89	82	76	69
-37.5°	129	121	114	107	100	93	86	80	74	68	62
-38.75°	114	108	102	95	88	83	77	72	66	61	56
-40°	101	95	89	84	79	74	69	64	59	55	50
-41.25°	88	84	79	75	70	65	61	57	53	49	45
-42.5°	78	74	70	65	62	58	55	51	47	44	41
-43.75°	68	65	61	58	55	51	48	45	42	39	36
-45°	60	57	54	51	48	45	43	40	37	35	32
-46.25°	52	50	47	45	43	40	38	35	33	31	29
-47.5°	46	44	42	39	37	35	33	31	29	27	25
-48.75°	40	38	36	34	33	31	29	27	25	24	22
-50°	34	33	32	30	28	27	25	24	23	21	20
-51.25°	30	29	27	26	25	24	22	21	20	18	17
-52.5°	26	25	24	23	22	20	19	18	17	16	16
-53.75°	22	21	20	19	19	18	17	16	15	15	14
-55°	19	18	18	17	16	16	15	14	14	13	12
-56.25°	17	16	16	15	14	14	13	13	12	12	11
-57.5°	14	14	13	13	13	12	12	11	11	10	10
-58.75°	13	12	12	12	11	11	10	10	10	9	9
-60°	11	11	11	10	10	10	9	9	9	8	8
-61.25°	10	10	9	9	9	9	8	8	8	7	7
-62.5°	9	9	8	8	8	8	7	7	7	6	6
-63.75°	8	7	7	7	7	7	6	6	6	6	5
-65°	7	6	6	6	6	6	5	5	5	5	5
-66.25°	6	5	5	5	5	5	5	5	4	4	4
-67.5°	5	5	5	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	3	3
-70°	4	4	4	4	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	2	2	2	2	2	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	2	2	2	2	2	1	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	2	2	2
67.5°	4	4	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	3	3	3
63.75°	5	5	5	4	4	4	4	4	4	4	3
62.5°	6	6	5	5	5	5	4	4	4	4	4
61.25°	7	6	6	6	5	5	5	5	4	4	4
60°	8	7	7	7	6	6	5	5	5	5	4
58.75°	9	8	8	7	7	7	6	6	5	5	5
57.5°	10	9	9	8	8	7	7	7	6	6	5
56.25°	11	10	10	9	9	8	8	7	7	6	6
55°	12	11	11	10	10	9	9	8	8	7	7
53.75°	13	12	12	11	11	10	9	9	8	8	7
52.5°	15	14	13	12	12	11	10	10	9	9	8
51.25°	16	15	14	14	13	12	11	11	10	9	9
50°	18	17	16	15	14	13	12	12	11	10	9
48.75°	21	19	18	17	16	14	13	13	12	11	10
47.5°	24	22	20	19	17	16	15	14	13	12	11
46.25°	26	25	23	21	19	18	16	15	14	13	12
45°	30	28	25	23	22	20	18	17	15	14	13
43.75°	34	31	28	26	24	22	20	18	17	15	14
42.5°	37	34	32	29	26	24	22	20	18	17	15
41.25°	42	38	35	32	30	27	24	22	20	18	16
40°	47	43	39	36	33	30	27	24	22	20	18
38.75°	52	47	43	40	36	33	30	26	24	22	19
37.5°	57	52	48	44	40	36	32	29	26	23	21
36.25°	63	58	53	48	43	39	35	32	28	25	23
35°	70	63	58	52	47	43	38	34	31	28	25



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	77	70	63	57	52	47	42	37	34	30	26
32.5°	84	77	69	62	56	50	45	41	36	32	29
31.25°	92	84	76	68	61	55	49	44	39	35	31
30°	101	91	82	74	66	59	53	47	42	37	33
28.75°	110	99	89	80	72	64	57	51	45	40	35
27.5°	119	108	97	86	77	69	61	55	48	43	38
26.25°	129	116	105	93	83	74	65	58	51	45	40
25°	140	125	112	100	88	79	70	62	55	48	43
23.75°	149	135	120	107	95	84	75	65	58	51	45
22.5°	159	144	129	114	102	89	79	70	61	54	47
21.25°	171	153	137	121	108	95	84	74	65	57	50
20°	181	162	145	129	114	101	88	78	68	60	52
18.75°	191	172	153	137	120	107	93	82	72	63	55
17.5°	201	181	161	144	127	112	98	86	75	65	57
16.25°	212	190	169	150	133	117	103	89	79	68	60
15°	222	198	177	156	139	122	107	94	82	71	62
13.75°	232	206	185	163	145	127	112	97	85	74	64
12.5°	241	215	191	170	150	132	115	101	87	76	66
11.25°	249	223	197	176	154	137	119	104	90	79	68
10°	256	230	203	181	159	141	123	107	93	81	70
8.75°	264	236	209	186	164	144	126	110	95	83	71
7.5°	270	241	214	190	168	147	129	112	97	84	73
6.25°	276	246	219	193	171	150	132	114	99	86	74
5°	280	250	223	196	174	152	134	116	101	87	75
3.75°	284	253	225	199	176	154	135	117	102	87	76
2.5°	286	255	228	200	178	155	136	118	103	88	77
1.25°	288	256	229	201	178	156	137	118	103	88	77
0°	288	257	229	202	179	156	137	119	104	89	77
-1.25°	288	256	229	201	178	156	137	118	103	88	77
-2.5°	286	255	228	200	178	155	136	118	103	88	77
-3.75°	284	253	225	199	176	154	135	117	102	87	76
-5°	280	250	223	196	174	152	134	116	101	87	75
-6.25°	276	246	219	193	171	150	132	114	99	86	74
-7.5°	270	241	214	190	168	147	129	112	97	84	73
-8.75°	264	236	209	186	164	144	126	110	95	83	71
-10°	256	230	203	181	159	141	123	107	93	81	70
-11.25°	249	223	197	176	154	137	119	104	90	79	68
-12.5°	241	215	191	170	150	132	115	101	87	76	66
-13.75°	232	206	185	163	145	127	112	97	85	74	64
-15°	222	198	177	156	139	122	107	94	82	71	62
-16.25°	212	190	169	150	133	117	103	89	79	68	60
-17.5°	201	181	161	144	127	112	98	86	75	65	57
-18.75°	191	172	153	137	120	107	93	82	72	63	55
-20°	181	162	145	129	114	101	88	78	68	60	52
-21.25°	171	153	137	121	108	95	84	74	65	57	50



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	159	144	129	114	102	89	79	70	61	54	47
-23.75°	149	135	120	107	95	84	75	65	58	51	45
-25°	140	125	112	100	88	79	70	62	55	48	43
-26.25°	129	116	105	93	83	74	65	58	51	45	40
-27.5°	119	108	97	86	77	69	61	55	48	43	38
-28.75°	110	99	89	80	72	64	57	51	45	40	35
-30°	101	91	82	74	66	59	53	47	42	37	33
-31.25°	92	84	76	68	61	55	49	44	39	35	31
-32.5°	84	77	69	62	56	50	45	41	36	32	29
-33.75°	77	70	63	57	52	47	42	37	34	30	26
-35°	70	63	58	52	47	43	38	34	31	28	25
-36.25°	63	58	53	48	43	39	35	32	28	25	23
-37.5°	57	52	48	44	40	36	32	29	26	23	21
-38.75°	52	47	43	40	36	33	30	26	24	22	19
-40°	47	43	39	36	33	30	27	24	22	20	18
-41.25°	42	38	35	32	30	27	24	22	20	18	16
-42.5°	37	34	32	29	26	24	22	20	18	17	15
-43.75°	34	31	28	26	24	22	20	18	17	15	14
-45°	30	28	25	23	22	20	18	17	15	14	13
-46.25°	26	25	23	21	19	18	16	15	14	13	12
-47.5°	24	22	20	19	17	16	15	14	13	12	11
-48.75°	21	19	18	17	16	14	13	13	12	11	10
-50°	18	17	16	15	14	13	12	12	11	10	9
-51.25°	16	15	14	14	13	12	11	11	10	9	9
-52.5°	15	14	13	12	12	11	10	10	9	9	8
-53.75°	13	12	12	11	11	10	9	9	8	8	7
-55°	12	11	11	10	10	9	9	8	8	7	7
-56.25°	11	10	10	9	9	8	8	7	7	6	6
-57.5°	10	9	9	8	8	7	7	7	6	6	5
-58.75°	9	8	8	7	7	7	6	6	5	5	5
-60°	8	7	7	7	6	6	5	5	5	5	4
-61.25°	7	6	6	6	5	5	5	5	4	4	4
-62.5°	6	6	5	5	5	5	4	4	4	4	4
-63.75°	5	5	5	4	4	4	4	4	4	4	3
-65°	4	4	4	4	4	4	4	4	3	3	3
-66.25°	4	4	4	4	4	3	3	3	3	3	3
-67.5°	4	4	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	2	2	2
-70°	3	3	3	3	3	2	2	2	2	2	2
-71.25°	3	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	1	1
-77.5°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	2	2	2	2	2	2
62.5°	4	3	3	3	3	3	3	2	2	2	2
61.25°	4	4	3	3	3	3	3	3	2	2	2
60°	4	4	4	4	3	3	3	3	3	2	2
58.75°	4	4	4	4	4	3	3	3	3	3	2
57.5°	5	5	4	4	4	4	3	3	3	3	3
56.25°	5	5	5	4	4	4	4	3	3	3	3
55°	6	6	5	5	4	4	4	4	3	3	3
53.75°	7	6	6	5	5	4	4	4	4	3	3
52.5°	7	7	6	6	5	5	4	4	4	4	3
51.25°	8	7	7	6	6	5	5	4	4	4	4
50°	9	8	8	7	6	6	5	5	4	4	4
48.75°	10	9	8	7	7	6	6	5	5	4	4
47.5°	10	10	9	8	7	7	6	5	5	4	4
46.25°	11	10	9	9	8	7	7	6	5	5	4
45°	12	11	10	9	9	8	7	6	6	5	5
43.75°	13	12	11	10	9	8	8	7	6	5	5
42.5°	14	13	12	11	10	9	8	7	7	6	5
41.25°	15	13	12	11	10	9	9	8	7	6	5
40°	16	14	13	12	11	10	9	8	7	7	6
38.75°	17	16	14	13	12	11	10	9	8	7	6
37.5°	19	17	15	14	12	11	10	9	8	7	7
36.25°	20	18	16	14	13	12	11	10	9	8	7
35°	22	19	17	15	14	12	11	10	9	8	7



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	24	21	18	16	15	13	12	11	10	9	8
32.5°	25	22	20	17	16	14	12	11	10	9	8
31.25°	27	24	21	18	16	15	13	12	10	9	8
30°	29	25	23	20	17	15	14	12	11	10	9
28.75°	31	27	24	21	18	16	14	13	11	10	9
27.5°	33	29	25	22	19	17	15	13	12	10	9
26.25°	35	31	27	24	20	18	16	14	12	11	10
25°	37	33	28	25	22	19	16	14	13	11	10
23.75°	39	34	30	26	23	19	17	15	13	12	10
22.5°	42	36	32	27	24	20	18	16	13	12	11
21.25°	44	38	33	29	25	21	18	16	14	12	11
20°	46	40	34	30	26	22	19	17	14	13	11
18.75°	48	42	36	31	27	23	20	17	15	13	12
17.5°	50	43	37	32	28	24	21	18	15	13	12
16.25°	52	45	39	34	29	25	21	18	16	14	12
15°	54	47	40	35	30	26	22	19	16	14	12
13.75°	56	48	42	36	31	26	23	19	17	14	13
12.5°	57	49	43	37	32	27	23	20	17	15	13
11.25°	59	51	44	38	33	28	24	20	17	15	13
10°	60	52	45	39	33	28	24	21	18	15	13
8.75°	62	53	46	40	34	29	25	21	18	15	13
7.5°	63	54	47	40	34	29	25	21	18	16	13
6.25°	64	55	47	41	35	30	25	22	18	16	14
5°	64	56	48	41	35	30	26	22	18	16	14
3.75°	65	57	48	42	35	31	26	22	19	16	14
2.5°	65	57	49	42	36	31	26	22	19	16	14
1.25°	66	57	49	42	36	31	26	22	19	16	14
0°	66	57	49	42	36	31	26	22	19	16	14
-1.25°	66	57	49	42	36	31	26	22	19	16	14
-2.5°	65	57	49	42	36	31	26	22	19	16	14
-3.75°	65	57	48	42	35	31	26	22	19	16	14
-5°	64	56	48	41	35	30	26	22	18	16	14
-6.25°	64	55	47	41	35	30	25	22	18	16	14
-7.5°	63	54	47	40	34	29	25	21	18	16	13
-8.75°	62	53	46	40	34	29	25	21	18	15	13
-10°	60	52	45	39	33	28	24	21	18	15	13
-11.25°	59	51	44	38	33	28	24	20	17	15	13
-12.5°	57	49	43	37	32	27	23	20	17	15	13
-13.75°	56	48	42	36	31	26	23	19	17	14	13
-15°	54	47	40	35	30	26	22	19	16	14	12
-16.25°	52	45	39	34	29	25	21	18	16	14	12
-17.5°	50	43	37	32	28	24	21	18	15	13	12
-18.75°	48	42	36	31	27	23	20	17	15	13	12
-20°	46	40	34	30	26	22	19	17	14	13	11
-21.25°	44	38	33	29	25	21	18	16	14	12	11





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	42	36	32	27	24	20	18	16	13	12	11
-23.75°	39	34	30	26	23	19	17	15	13	12	10
-25°	37	33	28	25	22	19	16	14	13	11	10
-26.25°	35	31	27	24	20	18	16	14	12	11	10
-27.5°	33	29	25	22	19	17	15	13	12	10	9
-28.75°	31	27	24	21	18	16	14	13	11	10	9
-30°	29	25	23	20	17	15	14	12	11	10	9
-31.25°	27	24	21	18	16	15	13	12	10	9	8
-32.5°	25	22	20	17	16	14	12	11	10	9	8
-33.75°	24	21	18	16	15	13	12	11	10	9	8
-35°	22	19	17	15	14	12	11	10	9	8	7
-36.25°	20	18	16	14	13	12	11	10	9	8	7
-37.5°	19	17	15	14	12	11	10	9	8	7	7
-38.75°	17	16	14	13	12	11	10	9	8	7	6
-40°	16	14	13	12	11	10	9	8	7	7	6
-41.25°	15	13	12	11	10	9	9	8	7	6	5
-42.5°	14	13	12	11	10	9	8	7	7	6	5
-43.75°	13	12	11	10	9	8	8	7	6	5	5
-45°	12	11	10	9	9	8	7	6	6	5	5
-46.25°	11	10	9	9	8	7	7	6	5	5	4
-47.5°	10	10	9	8	7	7	6	5	5	4	4
-48.75°	10	9	8	7	7	6	6	5	5	4	4
-50°	9	8	8	7	6	6	5	5	4	4	4
-51.25°	8	7	7	6	6	5	5	4	4	4	4
-52.5°	7	7	6	6	5	5	4	4	4	4	3
-53.75°	7	6	6	5	5	4	4	4	4	3	3
-55°	6	6	5	5	4	4	4	4	3	3	3
-56.25°	5	5	5	4	4	4	4	3	3	3	3
-57.5°	5	5	4	4	4	4	3	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	2
-60°	4	4	4	4	3	3	3	3	3	2	2
-61.25°	4	4	3	3	3	3	3	3	2	2	2
-62.5°	4	3	3	3	3	3	3	2	2	2	2
-63.75°	3	3	3	3	3	2	2	2	2	2	2
-65°	3	3	3	3	2	2	2	2	2	2	2
-66.25°	3	3	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	1	1
-72.5°	2	2	2	2	2	2	2	1	1	1	1
-73.75°	2	2	2	2	2	1	1	1	1	1	1
-75°	2	2	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	3	2	2	2	2	2	2	2	2	1	1
55°	3	3	2	2	2	2	2	2	2	2	1
53.75°	3	3	2	2	2	2	2	2	2	2	1
52.5°	3	3	3	2	2	2	2	2	2	2	2
51.25°	3	3	3	3	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	4	3	3	3	3	2	2	2	2	2	2
47.5°	4	4	3	3	3	2	2	2	2	2	2
46.25°	4	4	3	3	3	3	2	2	2	2	2
45°	4	4	4	3	3	3	2	2	2	2	2
43.75°	4	4	4	3	3	3	2	2	2	2	2
42.5°	5	4	4	4	3	3	3	2	2	2	2
41.25°	5	4	4	4	3	3	3	2	2	2	2
40°	5	5	4	4	3	3	3	2	2	2	2
38.75°	5	5	4	4	4	3	3	3	2	2	2
37.5°	6	5	4	4	4	3	3	3	2	2	2
36.25°	6	5	5	4	4	3	3	3	2	2	2
35°	6	6	5	4	4	4	3	3	2	2	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	7	6	5	4	4	4	3	3	3	2	2
32.5°	7	6	5	5	4	4	3	3	3	2	2
31.25°	7	6	6	5	4	4	3	3	3	2	2
30°	8	7	6	5	4	4	4	3	3	2	2
28.75°	8	7	6	5	5	4	4	3	3	3	2
27.5°	8	7	6	5	5	4	4	3	3	3	2
26.25°	9	8	7	6	5	4	4	3	3	3	2
25°	9	8	7	6	5	4	4	3	3	3	2
23.75°	9	8	7	6	5	4	4	4	3	3	2
22.5°	9	8	7	6	5	5	4	4	3	3	2
21.25°	10	9	7	6	5	5	4	4	3	3	2
20°	10	9	8	7	6	5	4	4	3	3	2
18.75°	10	9	8	7	6	5	4	4	3	3	3
17.5°	10	9	8	7	6	5	4	4	3	3	3
16.25°	11	9	8	7	6	5	4	4	3	3	3
15°	11	10	8	7	6	5	4	4	3	3	3
13.75°	11	10	9	7	6	5	4	4	4	3	3
12.5°	11	10	9	7	6	5	5	4	4	3	3
11.25°	11	10	9	8	6	5	5	4	4	3	3
10°	12	10	9	8	7	5	5	4	4	3	3
8.75°	12	10	9	8	7	6	5	4	4	3	3
7.5°	12	10	9	8	7	6	5	4	4	3	3
6.25°	12	10	9	8	7	6	5	4	4	3	3
5°	12	10	9	8	7	6	5	4	4	3	3
3.75°	12	11	9	8	7	6	5	4	4	3	3
2.5°	12	11	9	8	7	6	5	4	4	3	3
1.25°	12	11	9	8	7	6	5	4	4	3	3
0°	12	11	9	8	7	6	5	4	4	3	3
-1.25°	12	11	9	8	7	6	5	4	4	3	3
-2.5°	12	11	9	8	7	6	5	4	4	3	3
-3.75°	12	11	9	8	7	6	5	4	4	3	3
-5°	12	10	9	8	7	6	5	4	4	3	3
-6.25°	12	10	9	8	7	6	5	4	4	3	3
-7.5°	12	10	9	8	7	6	5	4	4	3	3
-8.75°	12	10	9	8	7	6	5	4	4	3	3
-10°	12	10	9	8	7	5	5	4	4	3	3
-11.25°	11	10	9	8	6	5	5	4	4	3	3
-12.5°	11	10	9	7	6	5	5	4	4	3	3
-13.75°	11	10	9	7	6	5	4	4	4	3	3
-15°	11	10	8	7	6	5	4	4	3	3	3
-16.25°	11	9	8	7	6	5	4	4	3	3	3
-17.5°	10	9	8	7	6	5	4	4	3	3	3
-18.75°	10	9	8	7	6	5	4	4	3	3	3
-20°	10	9	8	7	6	5	4	4	3	3	2
-21.25°	10	9	7	6	5	5	4	4	3	3	2



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	9	8	7	6	5	5	4	4	3	3	2
-23.75°	9	8	7	6	5	4	4	4	3	3	2
-25°	9	8	7	6	5	4	4	3	3	3	2
-26.25°	9	8	7	6	5	4	4	3	3	3	2
-27.5°	8	7	6	5	5	4	4	3	3	3	2
-28.75°	8	7	6	5	5	4	4	3	3	3	2
-30°	8	7	6	5	4	4	4	3	3	2	2
-31.25°	7	6	6	5	4	4	3	3	3	2	2
-32.5°	7	6	5	5	4	4	3	3	3	2	2
-33.75°	7	6	5	4	4	4	3	3	3	2	2
-35°	6	6	5	4	4	4	3	3	2	2	2
-36.25°	6	5	5	4	4	3	3	3	2	2	2
-37.5°	6	5	4	4	4	3	3	3	2	2	2
-38.75°	5	5	4	4	4	3	3	3	2	2	2
-40°	5	5	4	4	3	3	3	2	2	2	2
-41.25°	5	4	4	4	3	3	3	2	2	2	2
-42.5°	5	4	4	4	3	3	3	2	2	2	2
-43.75°	4	4	4	3	3	3	2	2	2	2	2
-45°	4	4	4	3	3	3	2	2	2	2	2
-46.25°	4	4	3	3	3	3	2	2	2	2	2
-47.5°	4	4	3	3	3	2	2	2	2	2	2
-48.75°	4	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	3	2	2	2	2	2	2	2
-52.5°	3	3	3	2	2	2	2	2	2	2	2
-53.75°	3	3	2	2	2	2	2	2	2	2	1
-55°	3	3	2	2	2	2	2	2	2	2	1
-56.25°	3	2	2	2	2	2	2	2	2	1	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	2	2	1	1	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	2	1	1	1	1	1	1	1	1
-68.75°	2	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	0	0	0	0	0	0	0	0	0
70°	1	1	1	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	0	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	2	1	1	1	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
46.25°	2	1	1	1	1	1	1	1	0	0	0
45°	2	1	1	1	1	1	1	1	0	0	0
43.75°	2	2	1	1	1	1	1	1	0	0	0
42.5°	2	2	1	1	1	1	1	1	0	0	0
41.25°	2	2	1	1	1	1	1	1	0	0	0
40°	2	2	1	1	1	1	1	1	0	0	0
38.75°	2	2	2	1	1	1	1	1	0	0	0
37.5°	2	2	2	1	1	1	1	1	0	0	0
36.25°	2	2	2	1	1	1	1	1	0	0	0
35°	2	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	1	1	1	1	1	1	0	0
32.5°	2	2	2	1	1	1	1	1	1	0	0
31.25°	2	2	2	1	1	1	1	1	1	0	0
30°	2	2	2	2	1	1	1	1	1	0	0
28.75°	2	2	2	2	1	1	1	1	1	0	0
27.5°	2	2	2	2	1	1	1	1	1	0	0
26.25°	2	2	2	2	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	1	1	1	1	1	0	0
18.75°	2	2	2	2	1	1	1	1	1	0	0
17.5°	2	2	2	2	1	1	1	1	1	0	0
16.25°	2	2	2	2	1	1	1	1	1	0	0
15°	2	2	2	2	1	1	1	1	1	0	0
13.75°	2	2	2	2	2	1	1	1	1	0	0
12.5°	2	2	2	2	2	1	1	1	1	0	0
11.25°	2	2	2	2	2	1	1	1	1	0	0
10°	2	2	2	2	2	1	1	1	1	0	0
8.75°	2	2	2	2	2	1	1	1	1	0	0
7.5°	2	2	2	2	2	1	1	1	1	0	0
6.25°	2	2	2	2	2	1	1	1	1	0	0
5°	2	2	2	2	2	1	1	1	1	0	0
3.75°	2	2	2	2	2	1	1	1	1	0	0
2.5°	2	2	2	2	2	1	1	1	1	0	0
1.25°	2	2	2	2	2	1	1	1	1	0	0
0°	2	2	2	2	2	1	1	1	1	0	0
-1.25°	2	2	2	2	2	1	1	1	1	0	0
-2.5°	2	2	2	2	2	1	1	1	1	0	0
-3.75°	2	2	2	2	2	1	1	1	1	0	0
-5°	2	2	2	2	2	1	1	1	1	0	0
-6.25°	2	2	2	2	2	1	1	1	1	0	0
-7.5°	2	2	2	2	2	1	1	1	1	0	0
-8.75°	2	2	2	2	2	1	1	1	1	0	0
-10°	2	2	2	2	2	1	1	1	1	0	0
-11.25°	2	2	2	2	2	1	1	1	1	0	0
-12.5°	2	2	2	2	2	1	1	1	1	0	0
-13.75°	2	2	2	2	2	1	1	1	1	0	0
-15°	2	2	2	2	1	1	1	1	1	0	0
-16.25°	2	2	2	2	1	1	1	1	1	0	0
-17.5°	2	2	2	2	1	1	1	1	1	0	0
-18.75°	2	2	2	2	1	1	1	1	1	0	0
-20°	2	2	2	2	1	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0





REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	2	1	1	1	1	1	0	0
-28.75°	2	2	2	2	1	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	1	0	0
-31.25°	2	2	2	1	1	1	1	1	1	0	0
-32.5°	2	2	2	1	1	1	1	1	1	0	0
-33.75°	2	2	2	1	1	1	1	1	1	0	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-36.25°	2	2	2	1	1	1	1	1	0	0	0
-37.5°	2	2	2	1	1	1	1	1	0	0	0
-38.75°	2	2	2	1	1	1	1	1	0	0	0
-40°	2	2	1	1	1	1	1	1	0	0	0
-41.25°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	2	1	1	1	1	1	1	0	0	0
-43.75°	2	2	1	1	1	1	1	1	0	0	0
-45°	2	1	1	1	1	1	1	1	0	0	0
-46.25°	2	1	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-48.75°	2	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0	0
88.75°	0	0
87.5°	0	0
86.25°	0	0
85°	0	0
83.75°	0	0
82.5°	0	0
81.25°	0	0
80°	0	0
78.75°	0	0
77.5°	0	0
76.25°	0	0
75°	0	0
73.75°	0	0
72.5°	0	0
71.25°	0	0
70°	0	0
68.75°	0	0
67.5°	0	0
66.25°	0	0
65°	0	0
63.75°	0	0
62.5°	0	0
61.25°	0	0
60°	0	0
58.75°	0	0
57.5°	0	0
56.25°	0	0
55°	0	0
53.75°	0	0
52.5°	0	0
51.25°	0	0
50°	0	0
48.75°	0	0
47.5°	0	0
46.25°	0	0
45°	0	0
43.75°	0	0
42.5°	0	0
41.25°	0	0
40°	0	0
38.75°	0	0
37.5°	0	0
36.25°	0	0
35°	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P220399 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)