

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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3597-W-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED3597-W-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 3500K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

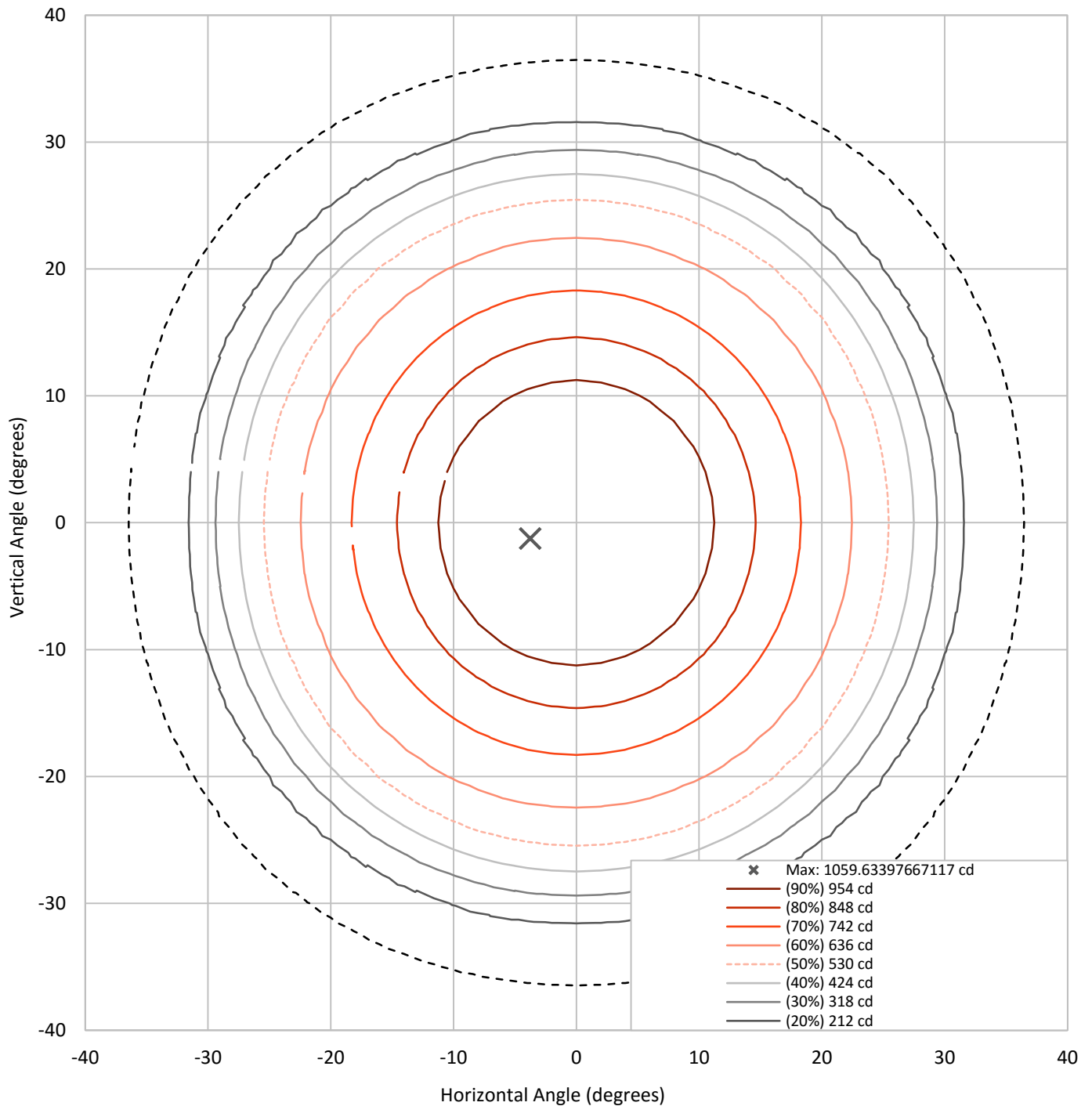
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	707 lumens	Max Intensity:	1059.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	72.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	476.3 lumens	Field Lumens:	635.2 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

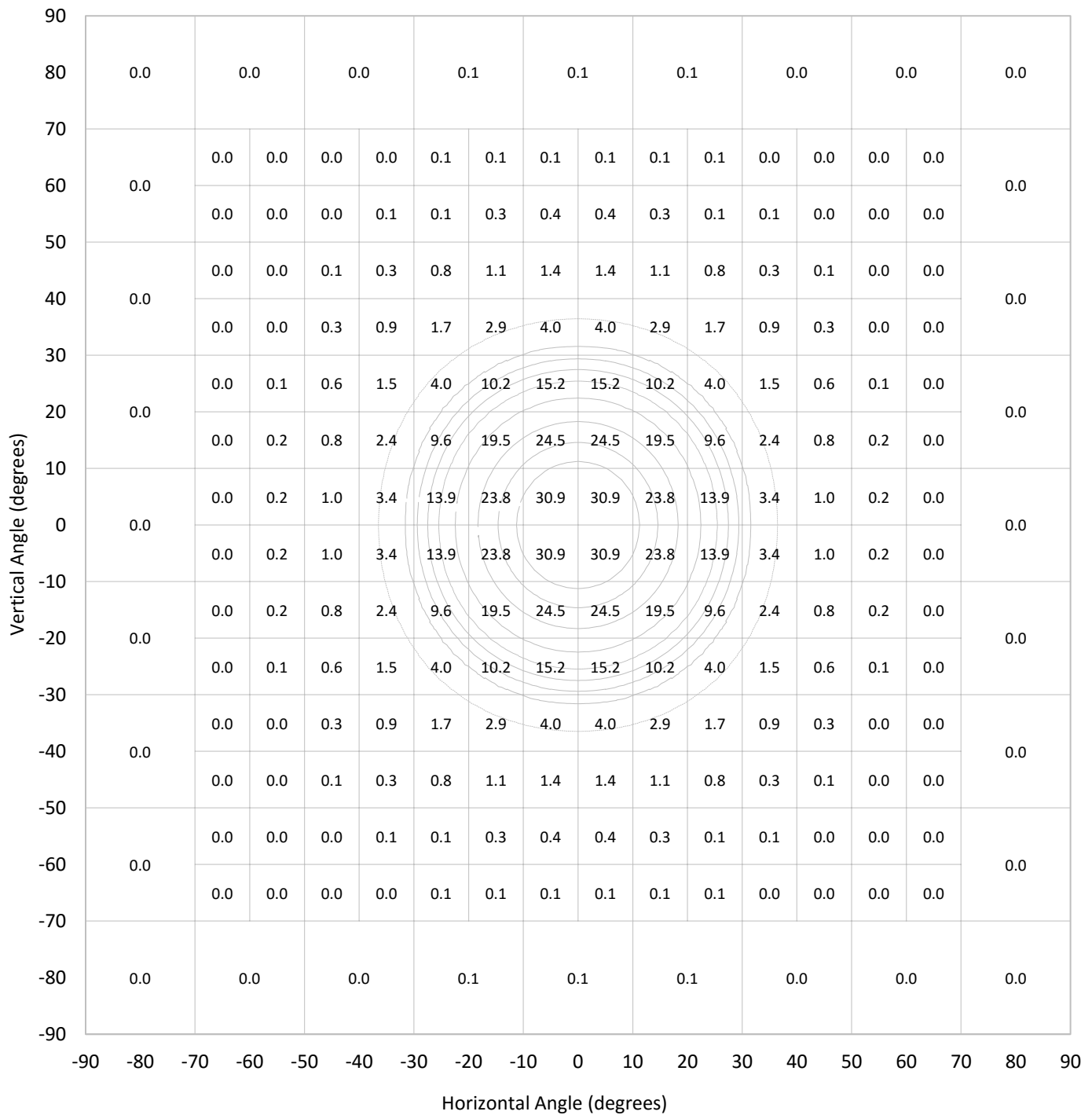
### Iso-Candela Plot





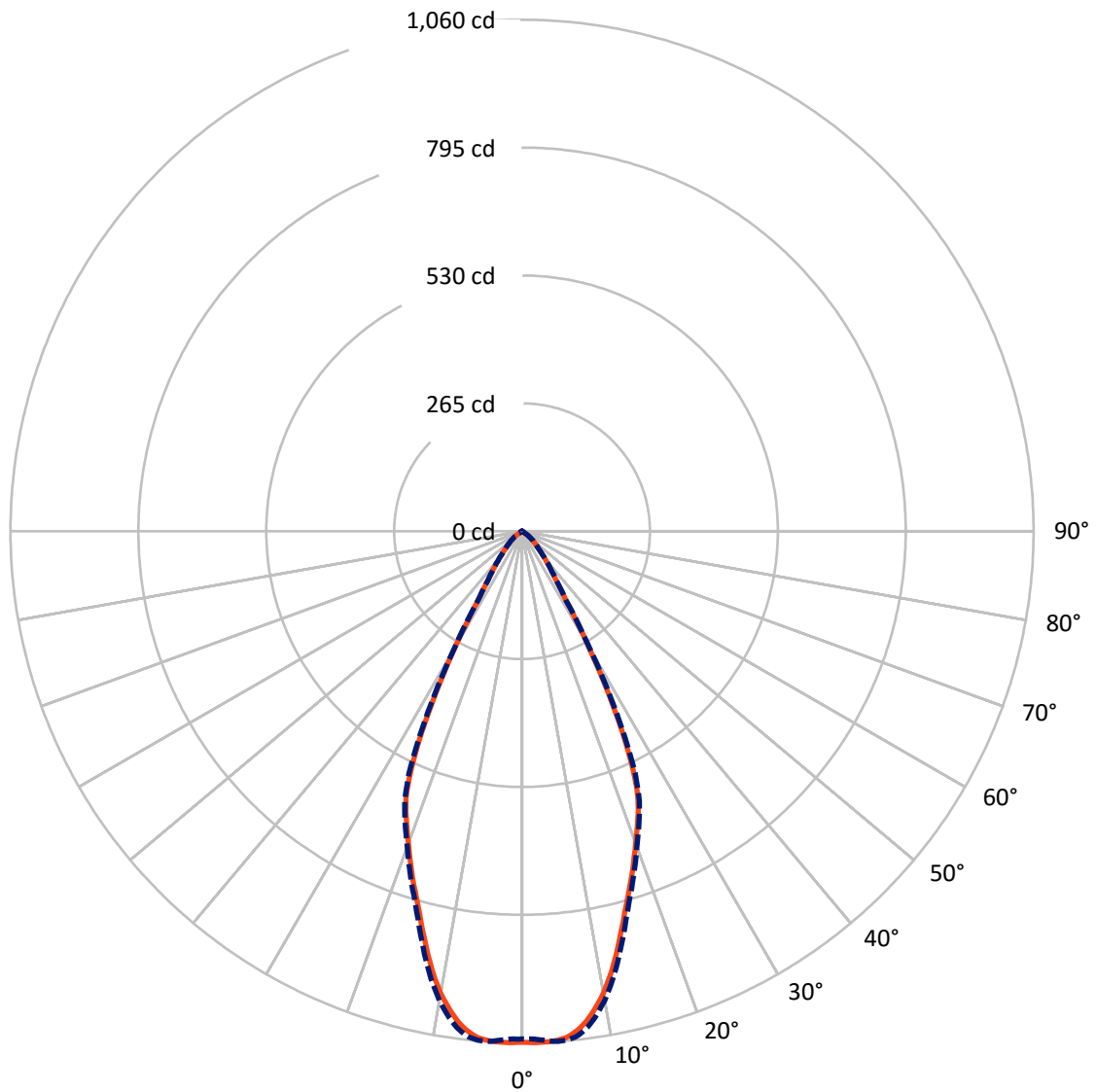
REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

### Lumen Table



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-WT-L1-UNV

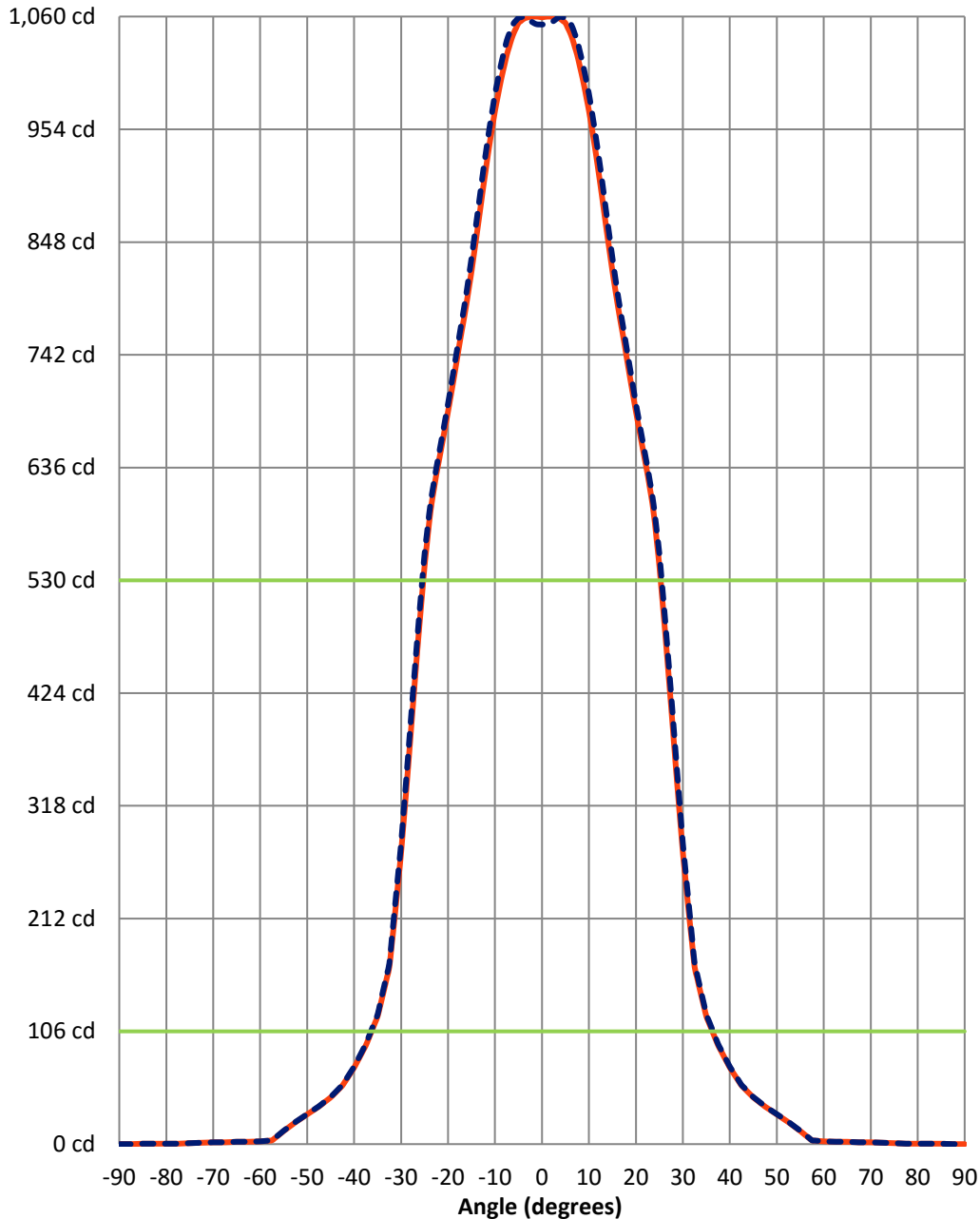
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 50.5°  
 Lumens: 476.3  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.8°  
 V Angle: 72.6°  
 Lumens: 635.2  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 71.8  
 Efficiency: 10.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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	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	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
56.25°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
53.75°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1
43.75°	0	0	0	0	1	1	1	1	1	1	1
42.5°	0	0	0	0	1	1	1	1	1	1	2
41.25°	0	0	0	1	1	1	1	1	1	1	2
40°	0	0	0	1	1	1	1	1	1	2	2
38.75°	0	0	0	1	1	1	1	1	1	2	2
37.5°	0	0	0	1	1	1	1	1	1	2	2
36.25°	0	0	1	1	1	1	1	1	2	2	2
35°	0	0	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	0	0	1	1	1	1	1	1	2	2	2
32.5°	0	0	1	1	1	1	1	2	2	2	2
31.25°	0	0	1	1	1	1	1	2	2	2	2
30°	0	0	1	1	1	1	1	2	2	2	2
28.75°	0	1	1	1	1	1	1	2	2	2	2
27.5°	0	1	1	1	1	1	2	2	2	2	2
26.25°	0	1	1	1	1	1	2	2	2	2	2
25°	0	1	1	1	1	1	2	2	2	2	2
23.75°	0	1	1	1	1	1	2	2	2	2	2
22.5°	0	1	1	1	1	1	2	2	2	2	2
21.25°	0	1	1	1	1	1	2	2	2	2	2
20°	0	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	2	2	2	2	2	2
17.5°	1	1	1	1	1	2	2	2	2	2	2
16.25°	1	1	1	1	1	2	2	2	2	2	2
15°	1	1	1	1	1	2	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	2	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	2	2	2	2	2	2
-16.25°	1	1	1	1	1	2	2	2	2	2	2
-17.5°	1	1	1	1	1	2	2	2	2	2	2
-18.75°	1	1	1	1	1	2	2	2	2	2	2
-20°	0	1	1	1	1	1	2	2	2	2	2
-21.25°	0	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	0	1	1	1	1	1	2	2	2	2	2
-23.75°	0	1	1	1	1	1	2	2	2	2	2
-25°	0	1	1	1	1	1	2	2	2	2	2
-26.25°	0	1	1	1	1	1	2	2	2	2	2
-27.5°	0	1	1	1	1	1	2	2	2	2	2
-28.75°	0	1	1	1	1	1	1	2	2	2	2
-30°	0	0	1	1	1	1	1	2	2	2	2
-31.25°	0	0	1	1	1	1	1	2	2	2	2
-32.5°	0	0	1	1	1	1	1	2	2	2	2
-33.75°	0	0	1	1	1	1	1	1	2	2	2
-35°	0	0	1	1	1	1	1	1	2	2	2
-36.25°	0	0	1	1	1	1	1	1	2	2	2
-37.5°	0	0	0	1	1	1	1	1	1	2	2
-38.75°	0	0	0	1	1	1	1	1	1	2	2
-40°	0	0	0	1	1	1	1	1	1	2	2
-41.25°	0	0	0	1	1	1	1	1	1	1	2
-42.5°	0	0	0	0	1	1	1	1	1	1	2
-43.75°	0	0	0	0	1	1	1	1	1	1	1
-45°	0	0	0	0	1	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	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	1
-57.5°	0	0	0	0	0	0	0	0	0	1	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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	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	0
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
66.25°	0	0	0	0	0	0	1	1	1	1	1
65°	0	0	0	0	1	1	1	1	1	1	1
63.75°	0	0	0	1	1	1	1	1	1	1	1
62.5°	0	0	1	1	1	1	1	1	1	1	1
61.25°	0	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	2	2
57.5°	1	1	1	1	1	1	1	1	2	2	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	1	2	2	2	2	2	2	2
51.25°	1	1	1	2	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	2	2	2	2	2	2	2	2	2
47.5°	1	2	2	2	2	2	2	2	2	2	2
46.25°	1	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	3
38.75°	2	2	2	2	2	2	2	2	2	2	3
37.5°	2	2	2	2	2	2	2	2	2	3	3
36.25°	2	2	2	2	2	2	2	2	3	3	3
35°	2	2	2	2	2	2	2	2	3	3	3



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	2	2	2	2	2	2	2	3	3	3	3
32.5°	2	2	2	2	2	2	2	3	3	3	5
31.25°	2	2	2	2	2	2	2	3	3	3	7
30°	2	2	2	2	2	2	3	3	3	5	8
28.75°	2	2	2	2	2	2	3	3	3	6	10
27.5°	2	2	2	2	2	3	3	3	4	8	12
26.25°	2	2	2	2	2	3	3	3	6	10	13
25°	2	2	2	2	2	3	3	3	7	11	15
23.75°	2	2	2	2	3	3	3	4	8	12	16
22.5°	2	2	2	2	3	3	3	6	10	14	17
21.25°	2	2	2	2	3	3	3	7	11	15	19
20°	2	2	2	2	3	3	4	8	12	16	20
18.75°	2	2	2	3	3	3	5	9	13	17	21
17.5°	2	2	2	3	3	3	6	10	14	18	22
16.25°	2	2	2	3	3	3	7	11	15	19	23
15°	2	2	2	3	3	3	8	12	16	20	23
13.75°	2	2	2	3	3	4	8	13	17	21	24
12.5°	2	2	2	3	3	5	9	13	17	21	25
11.25°	2	2	2	3	3	5	10	14	18	22	25
10°	2	2	3	3	3	6	10	15	19	22	26
8.75°	2	2	3	3	3	6	11	15	19	23	27
7.5°	2	2	3	3	3	7	11	16	20	23	27
6.25°	2	2	3	3	3	7	12	16	20	24	27
5°	2	2	3	3	3	8	12	16	20	24	28
3.75°	2	2	3	3	3	8	12	16	20	24	28
2.5°	2	2	3	3	3	8	12	17	21	24	28
1.25°	2	2	3	3	3	8	13	17	21	24	28
0°	2	2	3	3	4	8	13	17	21	25	28
-1.25°	2	2	3	3	3	8	13	17	21	25	28
-2.5°	2	2	3	3	3	8	12	17	21	24	28
-3.75°	2	2	3	3	3	8	12	16	20	24	28
-5°	2	2	3	3	3	8	12	16	20	24	28
-6.25°	2	2	3	3	3	7	12	16	20	24	27
-7.5°	2	2	3	3	3	7	11	16	20	23	27
-8.75°	2	2	3	3	3	6	11	15	19	23	27
-10°	2	2	3	3	3	6	10	15	19	22	26
-11.25°	2	2	2	3	3	5	10	14	18	22	25
-12.5°	2	2	2	3	3	5	9	13	17	21	25
-13.75°	2	2	2	3	3	4	8	13	17	21	24
-15°	2	2	2	3	3	3	8	12	16	20	23
-16.25°	2	2	2	3	3	3	7	11	15	19	23
-17.5°	2	2	2	3	3	3	6	10	14	18	22
-18.75°	2	2	2	3	3	3	5	9	13	17	21
-20°	2	2	2	2	3	3	4	8	12	16	20
-21.25°	2	2	2	2	3	3	3	7	11	15	19





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	2	2	2	2	3	3	3	6	10	14	17
-23.75°	2	2	2	2	3	3	3	4	8	12	16
-25°	2	2	2	2	2	3	3	3	7	11	15
-26.25°	2	2	2	2	2	3	3	3	6	10	13
-27.5°	2	2	2	2	2	3	3	3	4	8	12
-28.75°	2	2	2	2	2	2	3	3	3	6	10
-30°	2	2	2	2	2	2	3	3	3	5	8
-31.25°	2	2	2	2	2	2	2	3	3	3	7
-32.5°	2	2	2	2	2	2	2	3	3	3	5
-33.75°	2	2	2	2	2	2	2	3	3	3	3
-35°	2	2	2	2	2	2	2	2	3	3	3
-36.25°	2	2	2	2	2	2	2	2	3	3	3
-37.5°	2	2	2	2	2	2	2	2	2	3	3
-38.75°	2	2	2	2	2	2	2	2	2	2	3
-40°	2	2	2	2	2	2	2	2	2	2	3
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-47.5°	1	2	2	2	2	2	2	2	2	2	2
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	2	2	2	2	2	2	2	2
-52.5°	1	1	1	1	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	1	1	1	1	1	1	1	1	1
-63.75°	0	0	0	1	1	1	1	1	1	1	1
-65°	0	0	0	0	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	0	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	1
72.5°	0	0	0	0	0	0	1	1	1	1	1
71.25°	0	0	0	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	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	2	2
61.25°	1	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	3
51.25°	2	2	2	2	2	2	2	2	2	3	3
50°	2	2	2	2	2	2	2	3	3	3	3
48.75°	2	2	2	2	2	2	3	3	3	3	3
47.5°	2	2	2	2	2	3	3	3	3	3	5
46.25°	2	2	2	2	3	3	3	3	4	6	9
45°	2	2	2	3	3	3	3	5	7	9	12
43.75°	2	2	3	3	3	3	5	7	10	12	15
42.5°	2	3	3	3	3	5	8	10	13	15	17
41.25°	3	3	3	3	5	8	10	13	16	18	20
40°	3	3	3	5	7	10	13	16	18	21	23
38.75°	3	3	4	7	10	13	16	18	21	23	25
37.5°	3	3	6	9	12	15	18	21	23	25	28
36.25°	3	5	9	12	15	17	20	23	25	28	30
35°	4	8	11	14	17	20	22	25	27	30	32



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	6	10	13	16	19	22	24	27	29	32	34
32.5°	8	12	15	18	21	24	26	29	32	34	37
31.25°	10	14	17	20	23	25	28	31	34	36	39
30°	12	15	18	22	24	27	30	33	36	39	42
28.75°	14	17	20	23	26	29	32	35	38	41	44
27.5°	15	19	22	25	28	31	34	37	40	43	47
26.25°	17	20	23	26	29	32	35	39	42	46	50
25°	18	22	25	28	31	34	37	41	44	49	53
23.75°	20	23	26	29	32	35	39	43	47	51	56
22.5°	21	24	27	31	34	37	41	45	49	54	60
21.25°	22	25	29	32	35	39	43	47	52	57	64
20°	23	26	30	33	36	40	44	49	54	60	68
18.75°	24	28	31	34	38	42	46	51	56	64	71
17.5°	25	29	32	35	39	43	48	53	59	67	75
16.25°	26	29	33	36	41	45	50	55	62	70	79
15°	27	30	34	38	42	46	51	57	65	73	83
13.75°	28	31	35	39	43	48	53	60	68	76	86
12.5°	28	32	35	40	44	49	54	62	70	79	89
11.25°	29	33	36	41	45	50	56	64	72	82	92
10°	30	33	37	41	46	51	57	66	74	85	95
8.75°	30	34	38	42	47	52	59	67	77	87	98
7.5°	31	34	38	43	48	53	60	69	78	89	101
6.25°	31	35	39	43	48	54	62	70	80	90	103
5°	31	35	39	44	49	55	63	71	81	92	105
3.75°	32	35	40	44	49	55	63	72	82	93	106
2.5°	32	35	40	44	50	55	64	72	83	94	107
1.25°	32	36	40	44	50	56	64	73	83	94	108
0°	32	36	40	44	50	56	64	73	84	94	108
-1.25°	32	36	40	44	50	56	64	73	84	94	108
-2.5°	32	35	40	44	50	55	64	72	83	94	107
-3.75°	32	35	40	44	49	55	63	72	82	93	106
-5°	31	35	39	44	49	55	63	71	81	92	105
-6.25°	31	35	39	43	48	54	62	70	80	90	103
-7.5°	31	34	38	43	48	53	60	69	78	89	101
-8.75°	30	34	38	42	47	52	59	67	77	87	98
-10°	30	33	37	41	46	51	57	66	74	85	95
-11.25°	29	33	36	41	45	50	56	64	72	82	92
-12.5°	28	32	35	40	44	49	54	62	70	79	89
-13.75°	28	31	35	39	43	48	53	60	68	76	86
-15°	27	30	34	38	42	46	51	57	65	73	83
-16.25°	26	29	33	36	41	45	50	55	62	70	79
-17.5°	25	29	32	35	39	43	48	53	59	67	75
-18.75°	24	28	31	34	38	42	46	51	56	64	71
-20°	23	26	30	33	36	40	44	49	54	60	68
-21.25°	22	25	29	32	35	39	43	47	52	57	64



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	21	24	27	31	34	37	41	45	49	54	60
-23.75°	20	23	26	29	32	35	39	43	47	51	56
-25°	18	22	25	28	31	34	37	41	44	49	53
-26.25°	17	20	23	26	29	32	35	39	42	46	50
-27.5°	15	19	22	25	28	31	34	37	40	43	47
-28.75°	14	17	20	23	26	29	32	35	38	41	44
-30°	12	15	18	22	24	27	30	33	36	39	42
-31.25°	10	14	17	20	23	25	28	31	34	36	39
-32.5°	8	12	15	18	21	24	26	29	32	34	37
-33.75°	6	10	13	16	19	22	24	27	29	32	34
-35°	4	8	11	14	17	20	22	25	27	30	32
-36.25°	3	5	9	12	15	17	20	23	25	28	30
-37.5°	3	3	6	9	12	15	18	21	23	25	28
-38.75°	3	3	4	7	10	13	16	18	21	23	25
-40°	3	3	3	5	7	10	13	16	18	21	23
-41.25°	3	3	3	3	5	8	10	13	16	18	20
-42.5°	2	3	3	3	3	5	8	10	13	15	17
-43.75°	2	2	3	3	3	3	5	7	10	12	15
-45°	2	2	2	3	3	3	3	5	7	9	12
-46.25°	2	2	2	2	3	3	3	3	4	6	9
-47.5°	2	2	2	2	2	3	3	3	3	3	5
-48.75°	2	2	2	2	2	2	3	3	3	3	3
-50°	2	2	2	2	2	2	2	3	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	3	3
-52.5°	2	2	2	2	2	2	2	2	2	2	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	1	1	1	1	1	1	1	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-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°	0	0	0	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	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°	1	1	1	1	1	1	2	2	2	2	2
67.5°	1	1	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	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	3	3
56.25°	2	2	2	2	2	2	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	3	3	3	3	3	3	3	3	4	6
52.5°	3	3	3	3	3	3	4	6	7	8	10
51.25°	3	3	3	3	5	6	8	10	11	12	14
50°	3	3	5	7	8	10	12	13	15	16	17
48.75°	4	6	8	10	12	14	15	17	18	20	21
47.5°	8	10	12	14	15	17	19	20	22	23	24
46.25°	11	13	15	17	18	20	22	23	25	26	27
45°	14	16	18	20	22	23	25	26	28	29	31
43.75°	17	19	21	23	24	26	28	29	31	32	34
42.5°	20	22	24	25	27	29	31	32	34	35	37
41.25°	22	24	26	28	30	32	34	35	37	39	41
40°	25	27	29	31	33	35	37	39	41	43	45
38.75°	27	29	32	34	36	38	40	42	44	47	49
37.5°	30	32	34	36	39	41	43	46	49	51	54
36.25°	32	34	37	39	42	44	47	50	53	56	60
35°	35	37	40	42	45	48	52	55	59	63	67







REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	67	75	83	91	101	112	123	140	158	181	220
-23.75°	63	70	77	86	94	104	114	125	142	159	181
-25°	59	65	72	80	87	95	105	115	126	142	158
-26.25°	55	61	67	73	81	89	96	106	115	125	140
-27.5°	52	56	62	68	75	82	89	96	105	114	123
-28.75°	48	52	57	63	69	75	82	89	95	104	112
-30°	45	49	53	57	63	69	75	81	87	94	101
-31.25°	42	46	49	53	57	63	68	73	80	86	91
-32.5°	40	43	46	49	53	57	62	67	72	77	83
-33.75°	37	40	43	46	49	52	56	61	65	70	75
-35°	35	37	40	42	45	48	52	55	59	63	67
-36.25°	32	34	37	39	42	44	47	50	53	56	60
-37.5°	30	32	34	36	39	41	43	46	49	51	54
-38.75°	27	29	32	34	36	38	40	42	44	47	49
-40°	25	27	29	31	33	35	37	39	41	43	45
-41.25°	22	24	26	28	30	32	34	35	37	39	41
-42.5°	20	22	24	25	27	29	31	32	34	35	37
-43.75°	17	19	21	23	24	26	28	29	31	32	34
-45°	14	16	18	20	22	23	25	26	28	29	31
-46.25°	11	13	15	17	18	20	22	23	25	26	27
-47.5°	8	10	12	14	15	17	19	20	22	23	24
-48.75°	4	6	8	10	12	14	15	17	18	20	21
-50°	3	3	5	7	8	10	12	13	15	16	17
-51.25°	3	3	3	3	5	6	8	10	11	12	14
-52.5°	3	3	3	3	3	3	4	6	7	8	10
-53.75°	2	3	3	3	3	3	3	3	3	4	6
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	3	3
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	2	2	2	2	2
-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°	0	0	0	0	0	1	1	1	1	1	1
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	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	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	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	3	3
58.75°	2	2	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	5	5	6	6
55°	3	4	5	6	7	8	8	9	10	10	11
53.75°	7	8	9	10	11	12	13	13	14	15	15
52.5°	11	12	13	14	15	16	17	17	18	19	19
51.25°	15	16	17	18	19	20	21	21	22	22	23
50°	19	20	21	22	23	23	24	25	25	26	27
48.75°	22	23	24	25	26	27	28	28	29	30	30
47.5°	25	26	28	29	29	30	31	32	33	33	34
46.25°	29	30	31	32	33	34	35	35	36	37	38
45°	32	33	34	35	36	38	39	40	41	41	42
43.75°	35	36	38	39	41	42	43	44	45	46	47
42.5°	39	40	42	43	45	46	48	49	50	51	52
41.25°	43	44	46	48	50	51	53	54	56	57	59
40°	47	49	51	53	55	57	60	62	64	66	67
38.75°	52	54	56	59	62	65	68	70	72	74	77
37.5°	57	60	64	67	70	73	76	79	82	85	87
36.25°	64	68	71	75	79	83	86	89	92	95	98
35°	71	76	80	85	89	93	97	101	105	108	112



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	80	85	89	94	99	105	109	114	118	122	127
32.5°	88	94	100	106	112	117	122	130	138	144	150
31.25°	98	105	111	118	125	135	144	152	160	167	178
30°	109	116	124	135	146	156	166	180	199	217	232
28.75°	120	131	144	155	167	187	210	232	252	270	287
27.5°	137	150	163	183	210	236	261	283	309	332	353
26.25°	155	169	199	229	258	285	316	345	373	398	420
25°	176	211	243	275	309	344	378	409	438	463	485
23.75°	218	253	288	328	367	404	439	471	499	524	545
22.5°	258	297	340	383	424	462	497	527	555	576	594
21.25°	300	347	393	438	479	516	549	576	599	614	627
20°	347	396	444	489	529	564	592	612	628	641	654
18.75°	393	444	492	535	572	601	621	638	654	668	681
17.5°	438	489	535	574	605	627	645	663	679	695	710
16.25°	479	529	572	605	628	648	668	687	705	723	740
15°	516	564	601	627	648	670	691	712	732	752	768
13.75°	549	592	621	645	668	691	714	737	758	777	796
12.5°	576	612	638	663	687	712	737	761	782	805	828
11.25°	599	628	654	679	705	732	758	782	808	834	860
10°	614	641	668	695	723	752	777	805	834	864	892
8.75°	627	654	681	710	740	768	796	828	860	892	922
7.5°	637	665	693	723	754	783	815	849	884	918	948
6.25°	645	674	704	735	766	797	832	869	906	940	969
5°	653	682	713	746	776	810	847	886	924	958	987
3.75°	658	689	720	754	785	820	859	899	938	971	1000
2.5°	663	693	725	759	791	828	868	909	947	981	1009
1.25°	665	696	729	762	795	833	874	915	953	987	1014
0°	666	697	730	763	796	834	875	917	955	989	1016
-1.25°	665	696	729	762	795	833	874	915	953	987	1014
-2.5°	663	693	725	759	791	828	868	909	947	981	1009
-3.75°	658	689	720	754	785	820	859	899	938	971	1000
-5°	653	682	713	746	776	810	847	886	924	958	987
-6.25°	645	674	704	735	766	797	832	869	906	940	969
-7.5°	637	665	693	723	754	783	815	849	884	918	948
-8.75°	627	654	681	710	740	768	796	828	860	892	922
-10°	614	641	668	695	723	752	777	805	834	864	892
-11.25°	599	628	654	679	705	732	758	782	808	834	860
-12.5°	576	612	638	663	687	712	737	761	782	805	828
-13.75°	549	592	621	645	668	691	714	737	758	777	796
-15°	516	564	601	627	648	670	691	712	732	752	768
-16.25°	479	529	572	605	628	648	668	687	705	723	740
-17.5°	438	489	535	574	605	627	645	663	679	695	710
-18.75°	393	444	492	535	572	601	621	638	654	668	681
-20°	347	396	444	489	529	564	592	612	628	641	654
-21.25°	300	347	393	438	479	516	549	576	599	614	627



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	258	297	340	383	424	462	497	527	555	576	594
-23.75°	218	253	288	328	367	404	439	471	499	524	545
-25°	176	211	243	275	309	344	378	409	438	463	485
-26.25°	155	169	199	229	258	285	316	345	373	398	420
-27.5°	137	150	163	183	210	236	261	283	309	332	353
-28.75°	120	131	144	155	167	187	210	232	252	270	287
-30°	109	116	124	135	146	156	166	180	199	217	232
-31.25°	98	105	111	118	125	135	144	152	160	167	178
-32.5°	88	94	100	106	112	117	122	130	138	144	150
-33.75°	80	85	89	94	99	105	109	114	118	122	127
-35°	71	76	80	85	89	93	97	101	105	108	112
-36.25°	64	68	71	75	79	83	86	89	92	95	98
-37.5°	57	60	64	67	70	73	76	79	82	85	87
-38.75°	52	54	56	59	62	65	68	70	72	74	77
-40°	47	49	51	53	55	57	60	62	64	66	67
-41.25°	43	44	46	48	50	51	53	54	56	57	59
-42.5°	39	40	42	43	45	46	48	49	50	51	52
-43.75°	35	36	38	39	41	42	43	44	45	46	47
-45°	32	33	34	35	36	38	39	40	41	41	42
-46.25°	29	30	31	32	33	34	35	35	36	37	38
-47.5°	25	26	28	29	29	30	31	32	33	33	34
-48.75°	22	23	24	25	26	27	28	28	29	30	30
-50°	19	20	21	22	23	23	24	25	25	26	27
-51.25°	15	16	17	18	19	20	21	21	22	22	23
-52.5°	11	12	13	14	15	16	17	17	18	19	19
-53.75°	7	8	9	10	11	12	13	13	14	15	15
-55°	3	4	5	6	7	8	8	9	10	10	11
-56.25°	3	3	3	3	3	3	4	5	5	6	6
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	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	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°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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°	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	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	2	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	4	3	3	3	3
56.25°	7	7	8	8	8	8	8	8	8	8	8
55°	11	12	12	12	12	13	13	13	12	12	12
53.75°	16	16	16	16	17	17	17	17	17	16	16
52.5°	20	20	20	20	21	21	21	21	21	20	20
51.25°	23	24	24	24	24	24	25	24	24	24	24
50°	27	27	28	28	28	28	28	28	28	28	28
48.75°	31	31	31	32	32	32	32	32	32	32	31
47.5°	34	35	35	35	35	36	36	36	35	35	35
46.25°	38	39	39	40	40	40	40	40	40	40	39
45°	43	43	44	44	44	44	44	44	44	44	44
43.75°	48	48	49	49	50	50	50	50	50	49	49
42.5°	53	54	55	55	55	56	56	56	55	55	55
41.25°	60	62	63	63	64	64	64	64	64	63	63
40°	69	70	71	72	72	73	73	73	72	72	71
38.75°	78	80	81	82	83	83	84	83	83	82	81
37.5°	89	90	92	93	94	94	94	94	94	93	92
36.25°	101	103	105	106	107	108	108	108	107	106	105
35°	114	117	119	120	121	122	122	122	121	120	119



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	132	136	140	143	145	146	146	146	145	143	140
32.5°	156	160	164	166	169	170	170	170	169	166	164
31.25°	191	202	211	218	223	226	227	226	223	218	211
30°	246	257	266	274	279	282	284	282	279	274	266
28.75°	304	319	331	340	347	352	353	352	347	340	331
27.5°	371	387	401	411	418	423	424	423	418	411	401
26.25°	440	456	470	480	487	492	493	492	487	480	470
25°	505	521	533	543	550	555	556	555	550	543	533
23.75°	563	576	587	595	600	603	603	603	600	595	587
22.5°	606	616	624	629	633	635	636	635	633	629	624
21.25°	637	645	653	658	663	665	666	665	663	658	653
20°	665	674	682	689	693	696	697	696	693	689	682
18.75°	693	704	713	720	725	729	730	729	725	720	713
17.5°	723	735	746	754	759	762	763	762	759	754	746
16.25°	754	766	776	785	791	795	796	795	791	785	776
15°	783	797	810	820	828	833	834	833	828	820	810
13.75°	815	832	847	859	868	874	875	874	868	859	847
12.5°	849	869	886	899	909	915	917	915	909	899	886
11.25°	884	906	924	938	947	953	955	953	947	938	924
10°	918	940	958	971	981	987	989	987	981	971	958
8.75°	948	969	987	1000	1009	1014	1016	1014	1009	1000	987
7.5°	973	994	1011	1023	1033	1037	1039	1037	1033	1023	1011
6.25°	994	1014	1031	1042	1049	1052	1054	1052	1049	1042	1031
5°	1011	1031	1045	1054	1057	1058	1059	1058	1057	1054	1045
3.75°	1023	1042	1054	1058	1059	1060	1059	1060	1059	1058	1054
2.5°	1033	1049	1057	1059	1058	1056	1054	1056	1058	1059	1057
1.25°	1037	1052	1058	1060	1056	1052	1052	1052	1056	1060	1058
0°	1039	1054	1059	1059	1054	1052	1055	1052	1054	1059	1059
-1.25°	1037	1052	1058	1060	1056	1052	1052	1052	1056	1060	1058
-2.5°	1033	1049	1057	1059	1058	1056	1054	1056	1058	1059	1057
-3.75°	1023	1042	1054	1058	1059	1060	1059	1060	1059	1058	1054
-5°	1011	1031	1045	1054	1057	1058	1059	1058	1057	1054	1045
-6.25°	994	1014	1031	1042	1049	1052	1054	1052	1049	1042	1031
-7.5°	973	994	1011	1023	1033	1037	1039	1037	1033	1023	1011
-8.75°	948	969	987	1000	1009	1014	1016	1014	1009	1000	987
-10°	918	940	958	971	981	987	989	987	981	971	958
-11.25°	884	906	924	938	947	953	955	953	947	938	924
-12.5°	849	869	886	899	909	915	917	915	909	899	886
-13.75°	815	832	847	859	868	874	875	874	868	859	847
-15°	783	797	810	820	828	833	834	833	828	820	810
-16.25°	754	766	776	785	791	795	796	795	791	785	776
-17.5°	723	735	746	754	759	762	763	762	759	754	746
-18.75°	693	704	713	720	725	729	730	729	725	720	713
-20°	665	674	682	689	693	696	697	696	693	689	682
-21.25°	637	645	653	658	663	665	666	665	663	658	653





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	606	616	624	629	633	635	636	635	633	629	624
-23.75°	563	576	587	595	600	603	603	603	600	595	587
-25°	505	521	533	543	550	555	556	555	550	543	533
-26.25°	440	456	470	480	487	492	493	492	487	480	470
-27.5°	371	387	401	411	418	423	424	423	418	411	401
-28.75°	304	319	331	340	347	352	353	352	347	340	331
-30°	246	257	266	274	279	282	284	282	279	274	266
-31.25°	191	202	211	218	223	226	227	226	223	218	211
-32.5°	156	160	164	166	169	170	170	170	169	166	164
-33.75°	132	136	140	143	145	146	146	146	145	143	140
-35°	114	117	119	120	121	122	122	122	121	120	119
-36.25°	101	103	105	106	107	108	108	108	107	106	105
-37.5°	89	90	92	93	94	94	94	94	94	93	92
-38.75°	78	80	81	82	83	83	84	83	83	82	81
-40°	69	70	71	72	72	73	73	73	72	72	71
-41.25°	60	62	63	63	64	64	64	64	64	63	63
-42.5°	53	54	55	55	55	56	56	56	55	55	55
-43.75°	48	48	49	49	50	50	50	50	50	49	49
-45°	43	43	44	44	44	44	44	44	44	44	44
-46.25°	38	39	39	40	40	40	40	40	40	40	39
-47.5°	34	35	35	35	35	36	36	36	35	35	35
-48.75°	31	31	31	32	32	32	32	32	32	32	31
-50°	27	27	28	28	28	28	28	28	28	28	28
-51.25°	23	24	24	24	24	24	25	24	24	24	24
-52.5°	20	20	20	20	21	21	21	21	21	20	20
-53.75°	16	16	16	16	17	17	17	17	17	16	16
-55°	11	12	12	12	12	13	13	13	12	12	12
-56.25°	7	7	8	8	8	8	8	8	8	8	8
-57.5°	3	3	3	3	3	3	4	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-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°	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°	1	1	1	1	1	1	2	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	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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°	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	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°	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	7	7	6	6	5	5	4	3	3	3	3
55°	12	11	11	10	10	9	8	8	7	6	5
53.75°	16	16	15	15	14	13	13	12	11	10	9
52.5°	20	20	19	19	18	17	17	16	15	14	13
51.25°	24	23	23	22	22	21	21	20	19	18	17
50°	27	27	27	26	25	25	24	23	23	22	21
48.75°	31	31	30	30	29	28	28	27	26	25	24
47.5°	35	34	34	33	33	32	31	30	29	29	28
46.25°	39	38	38	37	36	35	35	34	33	32	31
45°	43	43	42	41	41	40	39	38	36	35	34
43.75°	48	48	47	46	45	44	43	42	41	39	38
42.5°	54	53	52	51	50	49	48	46	45	43	42
41.25°	62	60	59	57	56	54	53	51	50	48	46
40°	70	69	67	66	64	62	60	57	55	53	51
38.75°	80	78	77	74	72	70	68	65	62	59	56
37.5°	90	89	87	85	82	79	76	73	70	67	64
36.25°	103	101	98	95	92	89	86	83	79	75	71
35°	117	114	112	108	105	101	97	93	89	85	80



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	136	132	127	122	118	114	109	105	99	94	89
32.5°	160	156	150	144	138	130	122	117	112	106	100
31.25°	202	191	178	167	160	152	144	135	125	118	111
30°	257	246	232	217	199	180	166	156	146	135	124
28.75°	319	304	287	270	252	232	210	187	167	155	144
27.5°	387	371	353	332	309	283	261	236	210	183	163
26.25°	456	440	420	398	373	345	316	285	258	229	199
25°	521	505	485	463	438	409	378	344	309	275	243
23.75°	576	563	545	524	499	471	439	404	367	328	288
22.5°	616	606	594	576	555	527	497	462	424	383	340
21.25°	645	637	627	614	599	576	549	516	479	438	393
20°	674	665	654	641	628	612	592	564	529	489	444
18.75°	704	693	681	668	654	638	621	601	572	535	492
17.5°	735	723	710	695	679	663	645	627	605	574	535
16.25°	766	754	740	723	705	687	668	648	628	605	572
15°	797	783	768	752	732	712	691	670	648	627	601
13.75°	832	815	796	777	758	737	714	691	668	645	621
12.5°	869	849	828	805	782	761	737	712	687	663	638
11.25°	906	884	860	834	808	782	758	732	705	679	654
10°	940	918	892	864	834	805	777	752	723	695	668
8.75°	969	948	922	892	860	828	796	768	740	710	681
7.5°	994	973	948	918	884	849	815	783	754	723	693
6.25°	1014	994	969	940	906	869	832	797	766	735	704
5°	1031	1011	987	958	924	886	847	810	776	746	713
3.75°	1042	1023	1000	971	938	899	859	820	785	754	720
2.5°	1049	1033	1009	981	947	909	868	828	791	759	725
1.25°	1052	1037	1014	987	953	915	874	833	795	762	729
0°	1054	1039	1016	989	955	917	875	834	796	763	730
-1.25°	1052	1037	1014	987	953	915	874	833	795	762	729
-2.5°	1049	1033	1009	981	947	909	868	828	791	759	725
-3.75°	1042	1023	1000	971	938	899	859	820	785	754	720
-5°	1031	1011	987	958	924	886	847	810	776	746	713
-6.25°	1014	994	969	940	906	869	832	797	766	735	704
-7.5°	994	973	948	918	884	849	815	783	754	723	693
-8.75°	969	948	922	892	860	828	796	768	740	710	681
-10°	940	918	892	864	834	805	777	752	723	695	668
-11.25°	906	884	860	834	808	782	758	732	705	679	654
-12.5°	869	849	828	805	782	761	737	712	687	663	638
-13.75°	832	815	796	777	758	737	714	691	668	645	621
-15°	797	783	768	752	732	712	691	670	648	627	601
-16.25°	766	754	740	723	705	687	668	648	628	605	572
-17.5°	735	723	710	695	679	663	645	627	605	574	535
-18.75°	704	693	681	668	654	638	621	601	572	535	492
-20°	674	665	654	641	628	612	592	564	529	489	444
-21.25°	645	637	627	614	599	576	549	516	479	438	393



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	616	606	594	576	555	527	497	462	424	383	340
-23.75°	576	563	545	524	499	471	439	404	367	328	288
-25°	521	505	485	463	438	409	378	344	309	275	243
-26.25°	456	440	420	398	373	345	316	285	258	229	199
-27.5°	387	371	353	332	309	283	261	236	210	183	163
-28.75°	319	304	287	270	252	232	210	187	167	155	144
-30°	257	246	232	217	199	180	166	156	146	135	124
-31.25°	202	191	178	167	160	152	144	135	125	118	111
-32.5°	160	156	150	144	138	130	122	117	112	106	100
-33.75°	136	132	127	122	118	114	109	105	99	94	89
-35°	117	114	112	108	105	101	97	93	89	85	80
-36.25°	103	101	98	95	92	89	86	83	79	75	71
-37.5°	90	89	87	85	82	79	76	73	70	67	64
-38.75°	80	78	77	74	72	70	68	65	62	59	56
-40°	70	69	67	66	64	62	60	57	55	53	51
-41.25°	62	60	59	57	56	54	53	51	50	48	46
-42.5°	54	53	52	51	50	49	48	46	45	43	42
-43.75°	48	48	47	46	45	44	43	42	41	39	38
-45°	43	43	42	41	41	40	39	38	36	35	34
-46.25°	39	38	38	37	36	35	35	34	33	32	31
-47.5°	35	34	34	33	33	32	31	30	29	29	28
-48.75°	31	31	30	30	29	28	28	27	26	25	24
-50°	27	27	27	26	25	25	24	23	23	22	21
-51.25°	24	23	23	22	22	21	21	20	19	18	17
-52.5°	20	20	19	19	18	17	17	16	15	14	13
-53.75°	16	16	15	15	14	13	13	12	11	10	9
-55°	12	11	11	10	10	9	8	8	7	6	5
-56.25°	7	7	6	6	5	5	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-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°	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°	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	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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°	1	1	1	1	1	1	1	1	0	0	0
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	2	2	2	2	2	2	1	1	1	1
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	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	3	3	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	2	2	2	2
55°	4	3	3	3	3	3	3	3	3	2	2
53.75°	8	7	6	4	3	3	3	3	3	3	3
52.5°	12	11	10	8	7	6	4	3	3	3	3
51.25°	16	15	14	12	11	10	8	6	5	3	3
50°	20	19	17	16	15	13	12	10	8	7	5
48.75°	23	22	21	20	18	17	15	14	12	10	8
47.5°	26	25	24	23	22	20	19	17	15	14	12
46.25°	30	29	27	26	25	23	22	20	18	17	15
45°	33	32	31	29	28	26	25	23	22	20	18
43.75°	36	35	34	32	31	29	28	26	24	23	21
42.5°	40	39	37	35	34	32	31	29	27	25	24
41.25°	44	43	41	39	37	35	34	32	30	28	26
40°	49	47	45	43	41	39	37	35	33	31	29
38.75°	54	52	49	47	44	42	40	38	36	34	32
37.5°	60	57	54	51	49	46	43	41	39	36	34
36.25°	68	64	60	56	53	50	47	44	42	39	37
35°	76	71	67	63	59	55	52	48	45	42	40



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	85	80	75	70	65	61	56	52	49	46	43
32.5°	94	88	83	77	72	67	62	57	53	49	46
31.25°	105	98	91	86	80	73	68	63	57	53	49
30°	116	109	101	94	87	81	75	69	63	57	53
28.75°	131	120	112	104	95	89	82	75	69	63	57
27.5°	150	137	123	114	105	96	89	82	75	68	62
26.25°	169	155	140	125	115	106	96	89	81	73	67
25°	211	176	158	142	126	115	105	95	87	80	72
23.75°	253	218	181	159	142	125	114	104	94	86	77
22.5°	297	258	220	181	158	140	123	112	101	91	83
21.25°	347	300	258	218	176	155	137	120	109	98	88
20°	396	347	297	253	211	169	150	131	116	105	94
18.75°	444	393	340	288	243	199	163	144	124	111	100
17.5°	489	438	383	328	275	229	183	155	135	118	106
16.25°	529	479	424	367	309	258	210	167	146	125	112
15°	564	516	462	404	344	285	236	187	156	135	117
13.75°	592	549	497	439	378	316	261	210	166	144	122
12.5°	612	576	527	471	409	345	283	232	180	152	130
11.25°	628	599	555	499	438	373	309	252	199	160	138
10°	641	614	576	524	463	398	332	270	217	167	144
8.75°	654	627	594	545	485	420	353	287	232	178	150
7.5°	665	637	606	563	505	440	371	304	246	191	156
6.25°	674	645	616	576	521	456	387	319	257	202	160
5°	682	653	624	587	533	470	401	331	266	211	164
3.75°	689	658	629	595	543	480	411	340	274	218	166
2.5°	693	663	633	600	550	487	418	347	279	223	169
1.25°	696	665	635	603	555	492	423	352	282	226	170
0°	697	666	636	603	556	493	424	353	284	227	170
-1.25°	696	665	635	603	555	492	423	352	282	226	170
-2.5°	693	663	633	600	550	487	418	347	279	223	169
-3.75°	689	658	629	595	543	480	411	340	274	218	166
-5°	682	653	624	587	533	470	401	331	266	211	164
-6.25°	674	645	616	576	521	456	387	319	257	202	160
-7.5°	665	637	606	563	505	440	371	304	246	191	156
-8.75°	654	627	594	545	485	420	353	287	232	178	150
-10°	641	614	576	524	463	398	332	270	217	167	144
-11.25°	628	599	555	499	438	373	309	252	199	160	138
-12.5°	612	576	527	471	409	345	283	232	180	152	130
-13.75°	592	549	497	439	378	316	261	210	166	144	122
-15°	564	516	462	404	344	285	236	187	156	135	117
-16.25°	529	479	424	367	309	258	210	167	146	125	112
-17.5°	489	438	383	328	275	229	183	155	135	118	106
-18.75°	444	393	340	288	243	199	163	144	124	111	100
-20°	396	347	297	253	211	169	150	131	116	105	94
-21.25°	347	300	258	218	176	155	137	120	109	98	88





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	297	258	220	181	158	140	123	112	101	91	83
-23.75°	253	218	181	159	142	125	114	104	94	86	77
-25°	211	176	158	142	126	115	105	95	87	80	72
-26.25°	169	155	140	125	115	106	96	89	81	73	67
-27.5°	150	137	123	114	105	96	89	82	75	68	62
-28.75°	131	120	112	104	95	89	82	75	69	63	57
-30°	116	109	101	94	87	81	75	69	63	57	53
-31.25°	105	98	91	86	80	73	68	63	57	53	49
-32.5°	94	88	83	77	72	67	62	57	53	49	46
-33.75°	85	80	75	70	65	61	56	52	49	46	43
-35°	76	71	67	63	59	55	52	48	45	42	40
-36.25°	68	64	60	56	53	50	47	44	42	39	37
-37.5°	60	57	54	51	49	46	43	41	39	36	34
-38.75°	54	52	49	47	44	42	40	38	36	34	32
-40°	49	47	45	43	41	39	37	35	33	31	29
-41.25°	44	43	41	39	37	35	34	32	30	28	26
-42.5°	40	39	37	35	34	32	31	29	27	25	24
-43.75°	36	35	34	32	31	29	28	26	24	23	21
-45°	33	32	31	29	28	26	25	23	22	20	18
-46.25°	30	29	27	26	25	23	22	20	18	17	15
-47.5°	26	25	24	23	22	20	19	17	15	14	12
-48.75°	23	22	21	20	18	17	15	14	12	10	8
-50°	20	19	17	16	15	13	12	10	8	7	5
-51.25°	16	15	14	12	11	10	8	6	5	3	3
-52.5°	12	11	10	8	7	6	4	3	3	3	3
-53.75°	8	7	6	4	3	3	3	3	3	3	3
-55°	4	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	3	3	3	3	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	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	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	1	1	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	0
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	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	2	2	2	2	2	2	2	2	2	2
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	3	3	2	2	2	2	2
48.75°	6	4	3	3	3	3	3	2	2	2	2
47.5°	10	8	5	3	3	3	3	3	2	2	2
46.25°	13	11	9	6	4	3	3	3	3	2	2
45°	16	14	12	9	7	5	3	3	3	3	2
43.75°	19	17	15	12	10	7	5	3	3	3	3
42.5°	22	20	17	15	13	10	8	5	3	3	3
41.25°	24	22	20	18	16	13	10	8	5	3	3
40°	27	25	23	21	18	16	13	10	7	5	3
38.75°	29	27	25	23	21	18	16	13	10	7	4
37.5°	32	30	28	25	23	21	18	15	12	9	6
36.25°	34	32	30	28	25	23	20	17	15	12	9
35°	37	35	32	30	27	25	22	20	17	14	11





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	75	67	60	54	49	45	41	37	34	31	27
-23.75°	70	63	56	51	47	43	39	35	32	29	26
-25°	65	59	53	49	44	41	37	34	31	28	25
-26.25°	61	55	50	46	42	39	35	32	29	26	23
-27.5°	56	52	47	43	40	37	34	31	28	25	22
-28.75°	52	48	44	41	38	35	32	29	26	23	20
-30°	49	45	42	39	36	33	30	27	24	22	18
-31.25°	46	42	39	36	34	31	28	25	23	20	17
-32.5°	43	40	37	34	32	29	26	24	21	18	15
-33.75°	40	37	34	32	29	27	24	22	19	16	13
-35°	37	35	32	30	27	25	22	20	17	14	11
-36.25°	34	32	30	28	25	23	20	17	15	12	9
-37.5°	32	30	28	25	23	21	18	15	12	9	6
-38.75°	29	27	25	23	21	18	16	13	10	7	4
-40°	27	25	23	21	18	16	13	10	7	5	3
-41.25°	24	22	20	18	16	13	10	8	5	3	3
-42.5°	22	20	17	15	13	10	8	5	3	3	3
-43.75°	19	17	15	12	10	7	5	3	3	3	3
-45°	16	14	12	9	7	5	3	3	3	3	2
-46.25°	13	11	9	6	4	3	3	3	3	2	2
-47.5°	10	8	5	3	3	3	3	3	2	2	2
-48.75°	6	4	3	3	3	3	3	2	2	2	2
-50°	3	3	3	3	3	3	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	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-63.75°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-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	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	0	0	0	0
65°	1	1	1	1	1	1	1	1	1	0	0
63.75°	1	1	1	1	1	1	1	1	1	1	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	2	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	1	1
51.25°	2	2	2	2	2	2	2	2	2	2	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	3	2	2	2	2	2	2	2	2	2	2
41.25°	3	3	2	2	2	2	2	2	2	2	2
40°	3	3	3	2	2	2	2	2	2	2	2
38.75°	3	3	3	2	2	2	2	2	2	2	2
37.5°	3	3	3	3	2	2	2	2	2	2	2
36.25°	5	3	3	3	3	2	2	2	2	2	2
35°	8	4	3	3	3	2	2	2	2	2	2



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	10	6	3	3	3	3	2	2	2	2	2
32.5°	12	8	5	3	3	3	2	2	2	2	2
31.25°	14	10	7	3	3	3	2	2	2	2	2
30°	15	12	8	5	3	3	3	2	2	2	2
28.75°	17	14	10	6	3	3	3	2	2	2	2
27.5°	19	15	12	8	4	3	3	3	2	2	2
26.25°	20	17	13	10	6	3	3	3	2	2	2
25°	22	18	15	11	7	3	3	3	2	2	2
23.75°	23	20	16	12	8	4	3	3	3	2	2
22.5°	24	21	17	14	10	6	3	3	3	2	2
21.25°	25	22	19	15	11	7	3	3	3	2	2
20°	26	23	20	16	12	8	4	3	3	2	2
18.75°	28	24	21	17	13	9	5	3	3	3	2
17.5°	29	25	22	18	14	10	6	3	3	3	2
16.25°	29	26	23	19	15	11	7	3	3	3	2
15°	30	27	23	20	16	12	8	3	3	3	2
13.75°	31	28	24	21	17	13	8	4	3	3	2
12.5°	32	28	25	21	17	13	9	5	3	3	2
11.25°	33	29	25	22	18	14	10	5	3	3	2
10°	33	30	26	22	19	15	10	6	3	3	3
8.75°	34	30	27	23	19	15	11	6	3	3	3
7.5°	34	31	27	23	20	16	11	7	3	3	3
6.25°	35	31	27	24	20	16	12	7	3	3	3
5°	35	31	28	24	20	16	12	8	3	3	3
3.75°	35	32	28	24	20	16	12	8	3	3	3
2.5°	35	32	28	24	21	17	12	8	3	3	3
1.25°	36	32	28	24	21	17	13	8	3	3	3
0°	36	32	28	25	21	17	13	8	4	3	3
-1.25°	36	32	28	25	21	17	13	8	4	3	3
-2.5°	35	32	28	24	21	17	12	8	3	3	3
-3.75°	35	32	28	24	20	16	12	8	3	3	3
-5°	35	31	28	24	20	16	12	8	3	3	3
-6.25°	35	31	27	24	20	16	12	7	3	3	3
-7.5°	34	31	27	23	20	16	11	7	3	3	3
-8.75°	34	30	27	23	19	15	11	6	3	3	3
-10°	33	30	26	22	19	15	10	6	3	3	3
-11.25°	33	29	25	22	18	14	10	5	3	3	2
-12.5°	32	28	25	21	17	13	9	5	3	3	2
-13.75°	31	28	24	21	17	13	8	4	3	3	2
-15°	30	27	23	20	16	12	8	3	3	3	2
-16.25°	29	26	23	19	15	11	7	3	3	3	2
-17.5°	29	25	22	18	14	10	6	3	3	3	2
-18.75°	28	24	21	17	13	9	5	3	3	3	2
-20°	26	23	20	16	12	8	4	3	3	2	2
-21.25°	25	22	19	15	11	7	3	3	3	2	2





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	24	21	17	14	10	6	3	3	3	2	2
-23.75°	23	20	16	12	8	4	3	3	3	2	2
-25°	22	18	15	11	7	3	3	3	2	2	2
-26.25°	20	17	13	10	6	3	3	3	2	2	2
-27.5°	19	15	12	8	4	3	3	3	2	2	2
-28.75°	17	14	10	6	3	3	3	2	2	2	2
-30°	15	12	8	5	3	3	3	2	2	2	2
-31.25°	14	10	7	3	3	3	2	2	2	2	2
-32.5°	12	8	5	3	3	3	2	2	2	2	2
-33.75°	10	6	3	3	3	3	2	2	2	2	2
-35°	8	4	3	3	3	2	2	2	2	2	2
-36.25°	5	3	3	3	3	2	2	2	2	2	2
-37.5°	3	3	3	3	2	2	2	2	2	2	2
-38.75°	3	3	3	2	2	2	2	2	2	2	2
-40°	3	3	3	2	2	2	2	2	2	2	2
-41.25°	3	3	2	2	2	2	2	2	2	2	2
-42.5°	3	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	2	1
-52.5°	2	2	2	2	2	2	2	2	2	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	2	1	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	2	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	0
-65°	1	1	1	1	1	1	1	1	1	0	0
-66.25°	1	1	1	1	1	1	1	0	0	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	1	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	0	0	0	0	0	0	0	0
57.5°	1	1	1	1	0	0	0	0	0	0	0
56.25°	1	1	1	1	0	0	0	0	0	0	0
55°	1	1	1	1	1	0	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	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°	1	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	2	1	1	1	1	1	1	1	0	0
43.75°	2	2	1	1	1	1	1	1	1	0	0
42.5°	2	2	2	1	1	1	1	1	1	0	0
41.25°	2	2	2	1	1	1	1	1	1	1	0
40°	2	2	2	2	1	1	1	1	1	1	0
38.75°	2	2	2	2	1	1	1	1	1	1	0
37.5°	2	2	2	2	1	1	1	1	1	1	0
36.25°	2	2	2	2	2	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	2	1	1	1	1	1
31.25°	2	2	2	2	2	2	1	1	1	1	1
30°	2	2	2	2	2	2	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	2	1	1	1	1
26.25°	2	2	2	2	2	2	2	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	2	2	2	2	2	2	2	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	1	1	1	1
18.75°	2	2	2	2	2	2	2	2	1	1	1
17.5°	2	2	2	2	2	2	2	2	1	1	1
16.25°	2	2	2	2	2	2	2	2	1	1	1
15°	2	2	2	2	2	2	2	2	1	1	1
13.75°	2	2	2	2	2	2	2	2	1	1	1
12.5°	2	2	2	2	2	2	2	2	1	1	1
11.25°	2	2	2	2	2	2	2	2	1	1	1
10°	2	2	2	2	2	2	2	2	1	1	1
8.75°	2	2	2	2	2	2	2	2	1	1	1
7.5°	2	2	2	2	2	2	2	2	1	1	1
6.25°	2	2	2	2	2	2	2	2	1	1	1
5°	2	2	2	2	2	2	2	2	1	1	1
3.75°	2	2	2	2	2	2	2	2	1	1	1
2.5°	2	2	2	2	2	2	2	2	1	1	1
1.25°	2	2	2	2	2	2	2	2	1	1	1
0°	2	2	2	2	2	2	2	2	2	1	1
-1.25°	2	2	2	2	2	2	2	2	1	1	1
-2.5°	2	2	2	2	2	2	2	2	1	1	1
-3.75°	2	2	2	2	2	2	2	2	1	1	1
-5°	2	2	2	2	2	2	2	2	1	1	1
-6.25°	2	2	2	2	2	2	2	2	1	1	1
-7.5°	2	2	2	2	2	2	2	2	1	1	1
-8.75°	2	2	2	2	2	2	2	2	1	1	1
-10°	2	2	2	2	2	2	2	2	1	1	1
-11.25°	2	2	2	2	2	2	2	2	1	1	1
-12.5°	2	2	2	2	2	2	2	2	1	1	1
-13.75°	2	2	2	2	2	2	2	2	1	1	1
-15°	2	2	2	2	2	2	2	2	1	1	1
-16.25°	2	2	2	2	2	2	2	2	1	1	1
-17.5°	2	2	2	2	2	2	2	2	1	1	1
-18.75°	2	2	2	2	2	2	2	2	1	1	1
-20°	2	2	2	2	2	2	2	1	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	2	1	1	1	1
-27.5°	2	2	2	2	2	2	2	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	2	1	1	1	1	1
-31.25°	2	2	2	2	2	2	1	1	1	1	1
-32.5°	2	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	2	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	0
-38.75°	2	2	2	2	1	1	1	1	1	1	0
-40°	2	2	2	2	1	1	1	1	1	1	0
-41.25°	2	2	2	1	1	1	1	1	1	1	0
-42.5°	2	2	2	1	1	1	1	1	1	0	0
-43.75°	2	2	1	1	1	1	1	1	1	0	0
-45°	2	2	1	1	1	1	1	1	1	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°	1	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	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	1	1	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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°	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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	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	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	1	0	0	0	0	0	0	0	0	0	0
27.5°	1	0	0	0	0	0	0	0	0	0	0
26.25°	1	0	0	0	0	0	0	0	0	0	0
25°	1	0	0	0	0	0	0	0	0	0	0
23.75°	1	0	0	0	0	0	0	0	0	0	0
22.5°	1	0	0	0	0	0	0	0	0	0	0
21.25°	1	0	0	0	0	0	0	0	0	0	0
20°	1	0	0	0	0	0	0	0	0	0	0
18.75°	1	1	0	0	0	0	0	0	0	0	0
17.5°	1	1	0	0	0	0	0	0	0	0	0
16.25°	1	1	0	0	0	0	0	0	0	0	0
15°	1	1	0	0	0	0	0	0	0	0	0
13.75°	1	1	0	0	0	0	0	0	0	0	0
12.5°	1	1	0	0	0	0	0	0	0	0	0
11.25°	1	1	0	0	0	0	0	0	0	0	0
10°	1	1	0	0	0	0	0	0	0	0	0
8.75°	1	1	0	0	0	0	0	0	0	0	0
7.5°	1	1	0	0	0	0	0	0	0	0	0
6.25°	1	1	0	0	0	0	0	0	0	0	0
5°	1	1	0	0	0	0	0	0	0	0	0
3.75°	1	1	0	0	0	0	0	0	0	0	0
2.5°	1	1	0	0	0	0	0	0	0	0	0
1.25°	1	1	0	0	0	0	0	0	0	0	0
0°	1	1	0	0	0	0	0	0	0	0	0
-1.25°	1	1	0	0	0	0	0	0	0	0	0
-2.5°	1	1	0	0	0	0	0	0	0	0	0
-3.75°	1	1	0	0	0	0	0	0	0	0	0
-5°	1	1	0	0	0	0	0	0	0	0	0
-6.25°	1	1	0	0	0	0	0	0	0	0	0
-7.5°	1	1	0	0	0	0	0	0	0	0	0
-8.75°	1	1	0	0	0	0	0	0	0	0	0
-10°	1	1	0	0	0	0	0	0	0	0	0
-11.25°	1	1	0	0	0	0	0	0	0	0	0
-12.5°	1	1	0	0	0	0	0	0	0	0	0
-13.75°	1	1	0	0	0	0	0	0	0	0	0
-15°	1	1	0	0	0	0	0	0	0	0	0
-16.25°	1	1	0	0	0	0	0	0	0	0	0
-17.5°	1	1	0	0	0	0	0	0	0	0	0
-18.75°	1	1	0	0	0	0	0	0	0	0	0
-20°	1	0	0	0	0	0	0	0	0	0	0
-21.25°	1	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, 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°	1	0	0	0	0	0	0	0	0	0	0
-23.75°	1	0	0	0	0	0	0	0	0	0	0
-25°	1	0	0	0	0	0	0	0	0	0	0
-26.25°	1	0	0	0	0	0	0	0	0	0	0
-27.5°	1	0	0	0	0	0	0	0	0	0	0
-28.75°	1	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, 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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, 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: P220630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, 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)