

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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

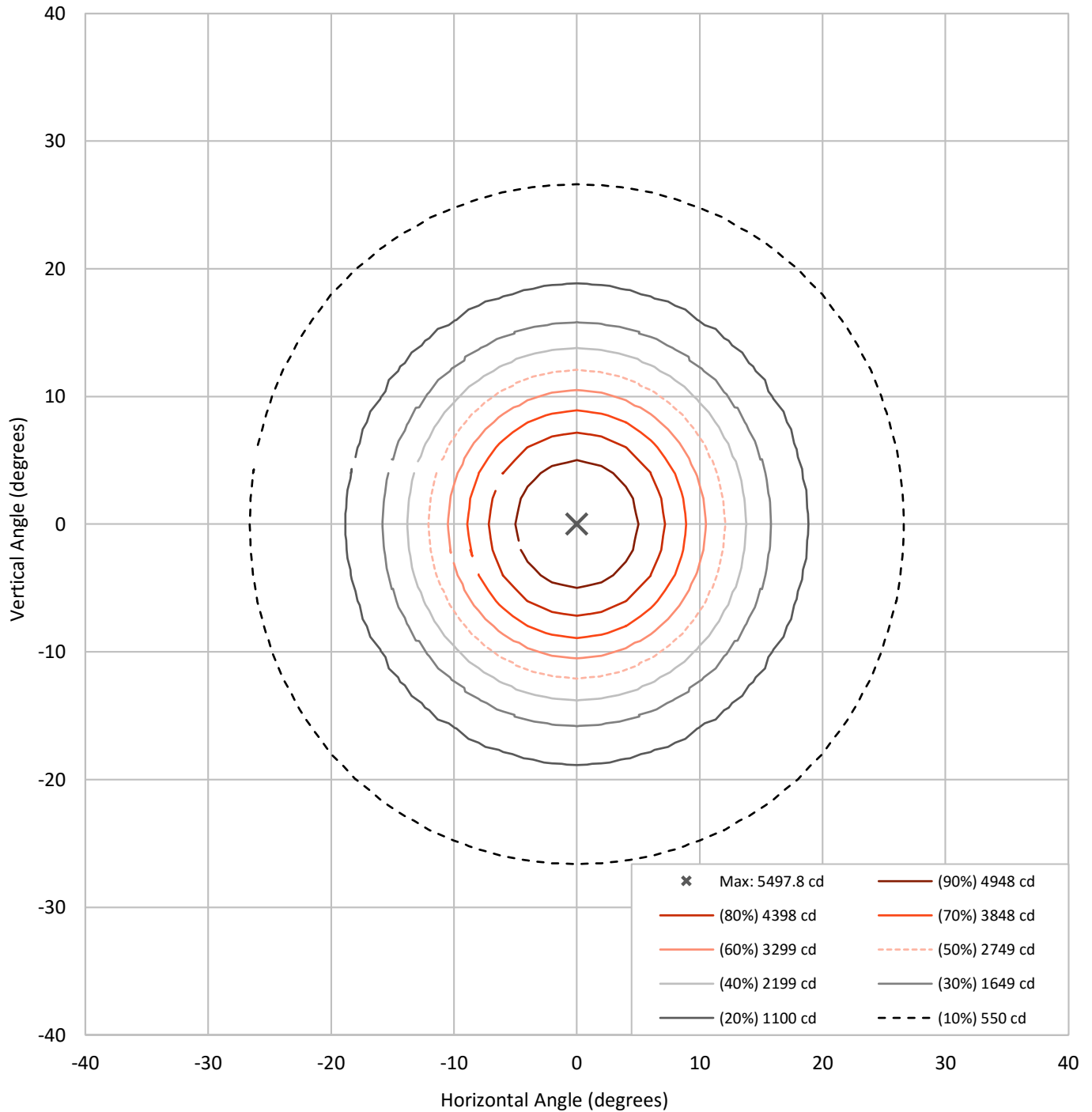
Test Method: LM-79-08  
Report Number: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 3500K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1298.3 lumens	Max Intensity:	5497.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	567.6 lumens	Field Lumens:	1159.8 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
Input Watts (W):	20.1		
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-M-BK-L2-UNV

### Iso-Candela Plot





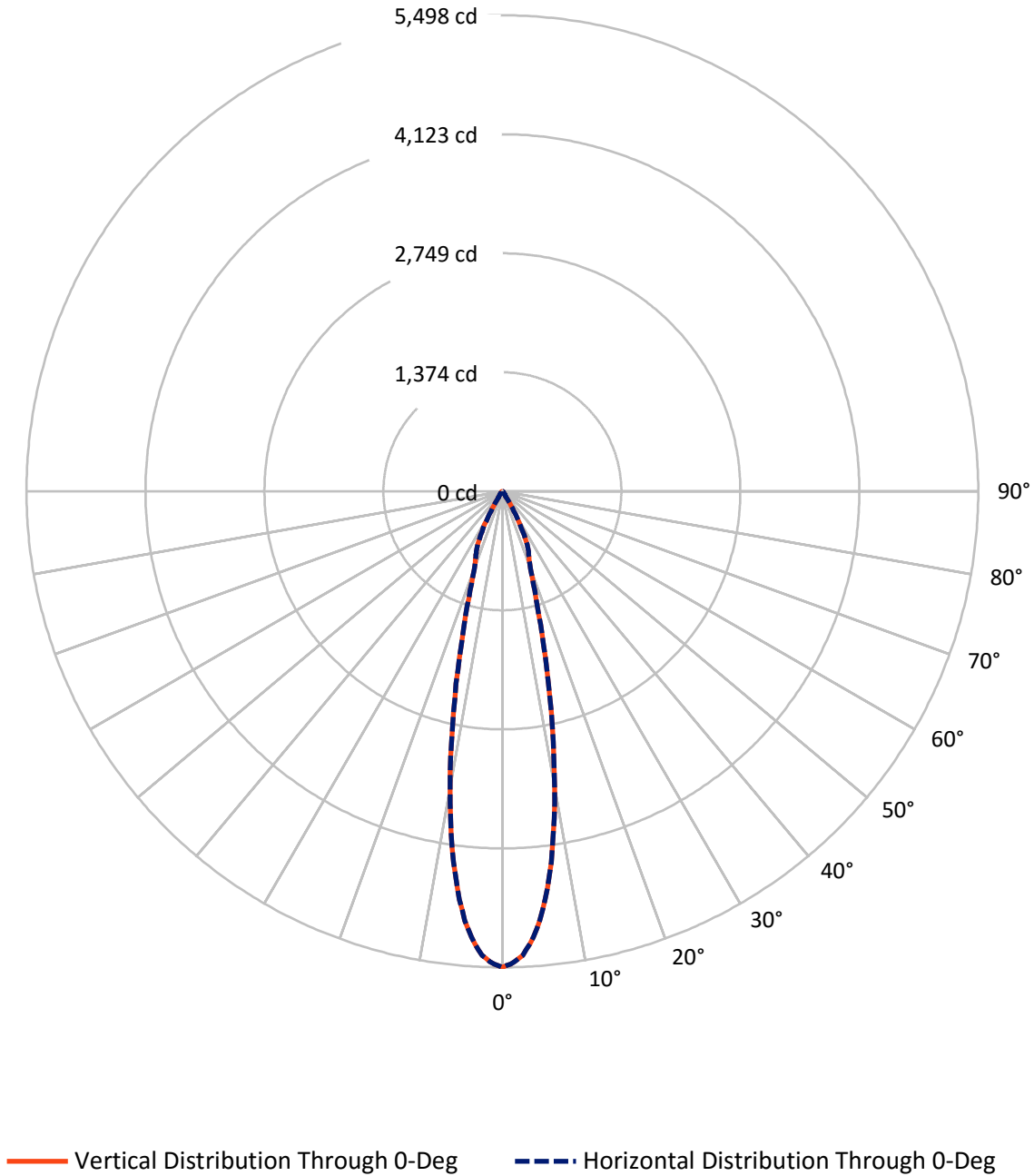
REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-UNV

### Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0
40		0.0	0.1	0.1	0.2	0.5	1.1	2.1	2.1	1.1	0.5	0.2	0.1	0.1	
30	0.0	0.0	0.1	0.2	0.4	2.2	10.6	18.1	18.1	10.6	2.2	0.4	0.2	0.1	0.0
20		0.0	0.1	0.2	0.9	10.0	27.4	52.2	52.2	27.4	10.0	0.9	0.2	0.1	
10	0.0	0.0	0.1	0.2	1.8	16.6	50.8	125.9	125.9	50.8	16.6	1.8	0.2	0.1	0.0
0		0.0	0.1	0.2	1.8	16.6	50.8	125.9	125.9	50.8	16.6	1.8	0.2	0.1	
-10	0.0	0.0	0.1	0.2	0.9	10.0	27.4	52.2	52.2	27.4	10.0	0.9	0.2	0.1	0.0
-20		0.0	0.1	0.2	0.4	2.2	10.6	18.1	18.1	10.6	2.2	0.4	0.2	0.1	
-30	0.0	0.0	0.1	0.1	0.2	0.5	1.1	2.1	2.1	1.1	0.5	0.2	0.1	0.1	0.0
-40		0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-80		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	

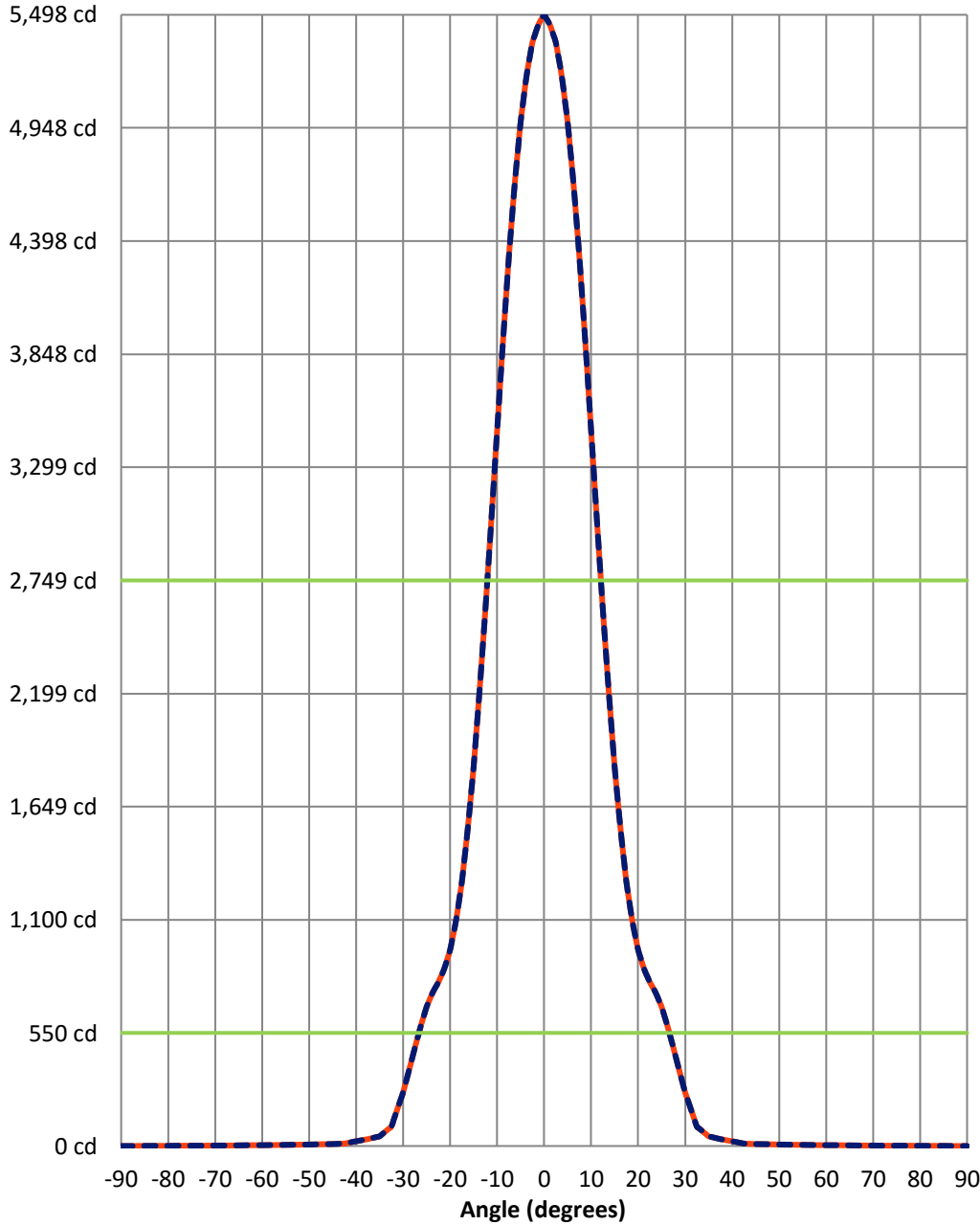
REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-UNV

### Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.2°  
 V Angle: 24.2°  
 Lumens: 567.6  
 Efficiency: 43.7%

**Field:**  
 H Angle: 53.3°  
 V Angle: 53.3°  
 Lumens: 1159.8  
 Efficiency: 89.3%

**Spill:**  
 Lumens: 138.6  
 Efficiency: 10.7%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	2
11.25°	0	0	0	0	1	1	1	1	1	1	2
10°	0	0	0	0	1	1	1	1	1	1	2
8.75°	0	0	0	0	1	1	1	1	1	1	2
7.5°	0	0	0	0	1	1	1	1	1	1	2
6.25°	0	0	0	0	1	1	1	1	1	1	2
5°	0	0	0	0	1	1	1	1	1	1	2
3.75°	0	0	0	0	1	1	1	1	1	1	2
2.5°	0	0	0	0	1	1	1	1	1	1	2
1.25°	0	0	0	0	1	1	1	1	1	1	2
0°	0	0	0	0	1	1	1	1	1	1	2
-1.25°	0	0	0	0	1	1	1	1	1	1	2
-2.5°	0	0	0	0	1	1	1	1	1	1	2
-3.75°	0	0	0	0	1	1	1	1	1	1	2
-5°	0	0	0	0	1	1	1	1	1	1	2
-6.25°	0	0	0	0	1	1	1	1	1	1	2
-7.5°	0	0	0	0	1	1	1	1	1	1	2
-8.75°	0	0	0	0	1	1	1	1	1	1	2
-10°	0	0	0	0	1	1	1	1	1	1	2
-11.25°	0	0	0	0	1	1	1	1	1	1	2
-12.5°	0	0	0	0	1	1	1	1	1	1	2
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	2
60°	1	1	1	1	1	1	1	1	1	2	2
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	1	2	2	2	2
53.75°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
51.25°	1	1	1	1	1	2	2	2	2	2	2
50°	1	1	1	1	1	2	2	2	2	2	2
48.75°	1	1	1	1	2	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	2	2	2	2	2	2	2	2
43.75°	1	1	1	2	2	2	2	2	2	2	2
42.5°	1	1	1	2	2	2	2	2	2	2	2
41.25°	1	1	1	2	2	2	2	2	2	2	2
40°	1	1	2	2	2	2	2	2	2	2	2
38.75°	1	1	2	2	2	2	2	2	2	2	2
37.5°	1	1	2	2	2	2	2	2	2	2	2
36.25°	1	1	2	2	2	2	2	2	2	2	2
35°	1	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	1	2	2	2	2	2	2	2	2	2	2
32.5°	1	2	2	2	2	2	2	2	2	2	2
31.25°	1	2	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	1	2	2	2	2	2	2	2	2	2	3
27.5°	1	2	2	2	2	2	2	2	2	2	3
26.25°	2	2	2	2	2	2	2	2	2	2	3
25°	2	2	2	2	2	2	2	2	2	2	3
23.75°	2	2	2	2	2	2	2	2	2	2	3
22.5°	2	2	2	2	2	2	2	2	2	3	3
21.25°	2	2	2	2	2	2	2	2	2	3	3
20°	2	2	2	2	2	2	2	2	2	3	3
18.75°	2	2	2	2	2	2	2	2	2	3	3
17.5°	2	2	2	2	2	2	2	2	2	3	3
16.25°	2	2	2	2	2	2	2	2	2	3	3
15°	2	2	2	2	2	2	2	2	3	3	3
13.75°	2	2	2	2	2	2	2	2	3	3	3
12.5°	2	2	2	2	2	2	2	2	3	3	3
11.25°	2	2	2	2	2	2	2	2	3	3	3
10°	2	2	2	2	2	2	2	2	3	3	3
8.75°	2	2	2	2	2	2	2	2	3	3	3
7.5°	2	2	2	2	2	2	2	2	3	3	4
6.25°	2	2	2	2	2	2	2	2	3	3	4
5°	2	2	2	2	2	2	2	2	3	3	4
3.75°	2	2	2	2	2	2	2	2	3	3	4
2.5°	2	2	2	2	2	2	2	2	3	3	4
1.25°	2	2	2	2	2	2	2	2	3	3	4
0°	2	2	2	2	2	2	2	2	3	3	4
-1.25°	2	2	2	2	2	2	2	2	3	3	4
-2.5°	2	2	2	2	2	2	2	2	3	3	4
-3.75°	2	2	2	2	2	2	2	2	3	3	4
-5°	2	2	2	2	2	2	2	2	3	3	4
-6.25°	2	2	2	2	2	2	2	2	3	3	4
-7.5°	2	2	2	2	2	2	2	2	3	3	4
-8.75°	2	2	2	2	2	2	2	2	3	3	3
-10°	2	2	2	2	2	2	2	2	3	3	3
-11.25°	2	2	2	2	2	2	2	2	3	3	3
-12.5°	2	2	2	2	2	2	2	2	3	3	3
-13.75°	2	2	2	2	2	2	2	2	3	3	3
-15°	2	2	2	2	2	2	2	2	3	3	3
-16.25°	2	2	2	2	2	2	2	2	2	3	3
-17.5°	2	2	2	2	2	2	2	2	2	3	3
-18.75°	2	2	2	2	2	2	2	2	2	3	3
-20°	2	2	2	2	2	2	2	2	2	3	3
-21.25°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	2	2	2	2	2	2	3	3
-23.75°	2	2	2	2	2	2	2	2	2	2	3
-25°	2	2	2	2	2	2	2	2	2	2	3
-26.25°	2	2	2	2	2	2	2	2	2	2	3
-27.5°	1	2	2	2	2	2	2	2	2	2	3
-28.75°	1	2	2	2	2	2	2	2	2	2	3
-30°	1	2	2	2	2	2	2	2	2	2	2
-31.25°	1	2	2	2	2	2	2	2	2	2	2
-32.5°	1	2	2	2	2	2	2	2	2	2	2
-33.75°	1	2	2	2	2	2	2	2	2	2	2
-35°	1	2	2	2	2	2	2	2	2	2	2
-36.25°	1	1	2	2	2	2	2	2	2	2	2
-37.5°	1	1	2	2	2	2	2	2	2	2	2
-38.75°	1	1	2	2	2	2	2	2	2	2	2
-40°	1	1	2	2	2	2	2	2	2	2	2
-41.25°	1	1	1	2	2	2	2	2	2	2	2
-42.5°	1	1	1	2	2	2	2	2	2	2	2
-43.75°	1	1	1	2	2	2	2	2	2	2	2
-45°	1	1	1	2	2	2	2	2	2	2	2
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	2	2	2	2	2	2	2
-50°	1	1	1	1	1	2	2	2	2	2	2
-51.25°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	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	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	2
-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	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	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	2	2
68.75°	1	1	1	1	1	1	1	2	2	2	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	1	1	1	2	2	2	2	2	2	2
65°	1	1	2	2	2	2	2	2	2	2	2
63.75°	1	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	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	2	3	3	3
48.75°	2	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	3	3	3	3	4
45°	2	2	2	2	2	3	3	3	3	4	4
43.75°	2	2	2	2	3	3	3	3	4	4	4
42.5°	2	2	2	2	3	3	3	3	4	4	4
41.25°	2	2	2	3	3	3	3	4	4	4	4
40°	2	2	2	3	3	3	4	4	4	4	4
38.75°	2	2	3	3	3	3	4	4	4	4	4
37.5°	2	2	3	3	3	4	4	4	4	4	4
36.25°	2	3	3	3	3	4	4	4	4	4	4
35°	2	3	3	3	4	4	4	4	4	4	5



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	3	3	3	4	4	4	4	4	4	5
32.5°	3	3	3	4	4	4	4	4	4	5	5
31.25°	3	3	3	4	4	4	4	4	4	5	5
30°	3	3	3	4	4	4	4	4	5	5	5
28.75°	3	3	4	4	4	4	4	4	5	5	5
27.5°	3	3	4	4	4	4	4	5	5	5	6
26.25°	3	3	4	4	4	4	4	5	5	5	6
25°	3	3	4	4	4	4	4	5	5	5	6
23.75°	3	4	4	4	4	4	5	5	5	6	6
22.5°	3	4	4	4	4	4	5	5	5	6	6
21.25°	3	4	4	4	4	4	5	5	5	6	6
20°	3	4	4	4	4	4	5	5	6	6	6
18.75°	3	4	4	4	4	5	5	5	6	6	6
17.5°	4	4	4	4	4	5	5	5	6	6	6
16.25°	4	4	4	4	4	5	5	5	6	6	7
15°	4	4	4	4	4	5	5	6	6	6	7
13.75°	4	4	4	4	4	5	5	6	6	6	7
12.5°	4	4	4	4	5	5	5	6	6	6	7
11.25°	4	4	4	4	5	5	5	6	6	7	7
10°	4	4	4	4	5	5	5	6	6	7	7
8.75°	4	4	4	4	5	5	5	6	6	7	7
7.5°	4	4	4	4	5	5	5	6	6	7	7
6.25°	4	4	4	4	5	5	6	6	6	7	7
5°	4	4	4	4	5	5	6	6	6	7	7
3.75°	4	4	4	4	5	5	6	6	6	7	7
2.5°	4	4	4	4	5	5	6	6	6	7	7
1.25°	4	4	4	4	5	5	6	6	6	7	7
0°	4	4	4	4	5	5	6	6	6	7	7
-1.25°	4	4	4	4	5	5	6	6	6	7	7
-2.5°	4	4	4	4	5	5	6	6	6	7	7
-3.75°	4	4	4	4	5	5	6	6	6	7	7
-5°	4	4	4	4	5	5	6	6	6	7	7
-6.25°	4	4	4	4	5	5	6	6	6	7	7
-7.5°	4	4	4	4	5	5	5	6	6	7	7
-8.75°	4	4	4	4	5	5	5	6	6	7	7
-10°	4	4	4	4	5	5	5	6	6	7	7
-11.25°	4	4	4	4	5	5	5	6	6	7	7
-12.5°	4	4	4	4	5	5	5	6	6	6	7
-13.75°	4	4	4	4	4	5	5	6	6	6	7
-15°	4	4	4	4	4	5	5	6	6	6	7
-16.25°	4	4	4	4	4	5	5	5	6	6	7
-17.5°	4	4	4	4	4	5	5	5	6	6	6
-18.75°	3	4	4	4	4	5	5	5	6	6	6
-20°	3	4	4	4	4	4	5	5	6	6	6
-21.25°	3	4	4	4	4	4	5	5	5	6	6





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	3	4	4	4	4	4	5	5	5	6	6
-23.75°	3	4	4	4	4	4	5	5	5	6	6
-25°	3	3	4	4	4	4	4	5	5	5	6
-26.25°	3	3	4	4	4	4	4	5	5	5	6
-27.5°	3	3	4	4	4	4	4	5	5	5	6
-28.75°	3	3	4	4	4	4	4	4	5	5	5
-30°	3	3	3	4	4	4	4	4	5	5	5
-31.25°	3	3	3	4	4	4	4	4	4	5	5
-32.5°	3	3	3	4	4	4	4	4	4	5	5
-33.75°	2	3	3	3	4	4	4	4	4	4	5
-35°	2	3	3	3	4	4	4	4	4	4	5
-36.25°	2	3	3	3	3	4	4	4	4	4	4
-37.5°	2	2	3	3	3	4	4	4	4	4	4
-38.75°	2	2	3	3	3	3	4	4	4	4	4
-40°	2	2	2	3	3	3	4	4	4	4	4
-41.25°	2	2	2	3	3	3	3	4	4	4	4
-42.5°	2	2	2	2	3	3	3	3	4	4	4
-43.75°	2	2	2	2	3	3	3	3	4	4	4
-45°	2	2	2	2	2	3	3	3	3	4	4
-46.25°	2	2	2	2	2	2	3	3	3	3	4
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	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°	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°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	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	2	2	2	2
72.5°	1	1	1	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	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	3
60°	2	2	2	2	2	2	2	2	3	3	3
58.75°	2	2	2	2	2	2	3	3	3	3	3
57.5°	2	2	2	2	3	3	3	3	3	3	3
56.25°	2	2	2	3	3	3	3	3	3	4	4
55°	2	2	3	3	3	3	3	4	4	4	4
53.75°	3	3	3	3	3	3	4	4	4	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	3	3	3	4	4	4	4	4	4	4	4
50°	3	3	4	4	4	4	4	4	4	4	4
48.75°	3	4	4	4	4	4	4	4	4	4	5
47.5°	4	4	4	4	4	4	4	4	5	5	5
46.25°	4	4	4	4	4	4	4	5	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	6
43.75°	4	4	4	4	4	5	5	5	5	6	6
42.5°	4	4	4	4	5	5	5	5	6	6	6
41.25°	4	4	4	5	5	5	5	6	6	6	6
40°	4	4	5	5	5	5	6	6	6	6	7
38.75°	4	5	5	5	5	6	6	6	6	7	7
37.5°	4	5	5	5	6	6	6	6	7	7	7
36.25°	5	5	5	6	6	6	6	7	7	7	8
35°	5	5	5	6	6	6	7	7	7	8	8



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	5	5	6	6	6	6	7	7	7	8	9
32.5°	5	6	6	6	6	7	7	7	8	8	9
31.25°	5	6	6	6	7	7	7	8	8	9	9
30°	6	6	6	6	7	7	8	8	9	9	9
28.75°	6	6	6	7	7	7	8	9	9	9	10
27.5°	6	6	7	7	7	8	8	9	9	10	10
26.25°	6	6	7	7	7	8	9	9	9	10	11
25°	6	6	7	7	8	8	9	9	10	11	11
23.75°	6	7	7	7	8	9	9	9	10	11	12
22.5°	6	7	7	8	8	9	9	10	11	12	15
21.25°	7	7	7	8	9	9	9	10	11	13	18
20°	7	7	8	8	9	9	10	11	12	15	20
18.75°	7	7	8	9	9	9	10	11	12	17	22
17.5°	7	7	8	9	9	9	10	11	14	19	24
16.25°	7	7	8	9	9	10	11	12	16	21	26
15°	7	8	8	9	9	10	11	13	18	23	28
13.75°	7	8	9	9	9	10	11	15	20	25	30
12.5°	7	8	9	9	10	11	12	16	21	26	31
11.25°	7	8	9	9	10	11	12	17	23	28	33
10°	8	8	9	9	10	11	13	19	24	29	34
8.75°	8	8	9	9	10	11	14	20	25	30	36
7.5°	8	9	9	9	10	11	15	21	26	31	37
6.25°	8	9	9	9	10	12	16	21	27	32	38
5°	8	9	9	10	11	12	16	22	27	32	39
3.75°	8	9	9	10	11	12	17	23	28	33	39
2.5°	8	9	9	10	11	12	17	23	28	33	40
1.25°	8	9	9	10	11	12	18	23	28	34	40
0°	8	9	9	10	11	12	18	23	28	34	40
-1.25°	8	9	9	10	11	12	18	23	28	34	40
-2.5°	8	9	9	10	11	12	17	23	28	33	40
-3.75°	8	9	9	10	11	12	17	23	28	33	39
-5°	8	9	9	10	11	12	16	22	27	32	39
-6.25°	8	9	9	9	10	12	16	21	27	32	38
-7.5°	8	9	9	9	10	11	15	21	26	31	37
-8.75°	8	8	9	9	10	11	14	20	25	30	36
-10°	8	8	9	9	10	11	13	19	24	29	34
-11.25°	7	8	9	9	10	11	12	17	23	28	33
-12.5°	7	8	9	9	10	11	12	16	21	26	31
-13.75°	7	8	9	9	9	10	11	15	20	25	30
-15°	7	8	8	9	9	10	11	13	18	23	28
-16.25°	7	7	8	9	9	10	11	12	16	21	26
-17.5°	7	7	8	9	9	9	10	11	14	19	24
-18.75°	7	7	8	9	9	9	10	11	12	17	22
-20°	7	7	8	8	9	9	10	11	12	15	20
-21.25°	7	7	7	8	9	9	9	10	11	13	18



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	6	7	7	8	8	9	9	10	11	12	15
-23.75°	6	7	7	7	8	9	9	9	10	11	12
-25°	6	6	7	7	8	8	9	9	10	11	11
-26.25°	6	6	7	7	7	8	9	9	9	10	11
-27.5°	6	6	7	7	7	8	8	9	9	10	10
-28.75°	6	6	6	7	7	7	8	9	9	9	10
-30°	6	6	6	6	7	7	8	8	9	9	9
-31.25°	5	6	6	6	7	7	7	8	8	9	9
-32.5°	5	6	6	6	6	7	7	7	8	8	9
-33.75°	5	5	6	6	6	6	7	7	7	8	9
-35°	5	5	5	6	6	6	7	7	7	8	8
-36.25°	5	5	5	6	6	6	6	7	7	7	8
-37.5°	4	5	5	5	6	6	6	6	7	7	7
-38.75°	4	5	5	5	5	6	6	6	6	7	7
-40°	4	4	5	5	5	5	6	6	6	6	7
-41.25°	4	4	4	5	5	5	5	6	6	6	6
-42.5°	4	4	4	4	5	5	5	5	6	6	6
-43.75°	4	4	4	4	4	5	5	5	5	6	6
-45°	4	4	4	4	4	4	5	5	5	5	6
-46.25°	4	4	4	4	4	4	4	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	5	5	5
-48.75°	3	4	4	4	4	4	4	4	4	4	5
-50°	3	3	4	4	4	4	4	4	4	4	4
-51.25°	3	3	3	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	4	4	4	4
-55°	2	2	3	3	3	3	3	4	4	4	4
-56.25°	2	2	2	3	3	3	3	3	3	4	4
-57.5°	2	2	2	2	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	2	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	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	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	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	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	5	5
53.75°	4	4	4	4	4	4	5	5	5	5	5
52.5°	4	4	4	4	5	5	5	5	5	5	5
51.25°	4	4	5	5	5	5	5	5	5	6	6
50°	5	5	5	5	5	5	6	6	6	6	6
48.75°	5	5	5	5	6	6	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	6	7	7
46.25°	5	6	6	6	6	6	7	7	7	7	7
45°	6	6	6	6	6	7	7	7	7	7	8
43.75°	6	6	6	7	7	7	7	7	8	8	8
42.5°	6	6	7	7	7	7	8	8	8	9	9
41.25°	7	7	7	7	8	8	8	9	9	9	9
40°	7	7	7	8	8	9	9	9	9	9	10
38.75°	7	7	8	8	9	9	9	9	10	10	11
37.5°	8	8	8	9	9	9	10	10	11	11	12
36.25°	8	9	9	9	9	10	10	11	11	12	15
35°	9	9	9	9	10	10	11	12	14	17	20



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	9	9	9	10	11	11	12	15	18	21	24
32.5°	9	9	10	11	11	13	16	19	23	25	28
31.25°	9	10	11	11	13	17	20	23	26	29	32
30°	10	11	11	13	17	21	24	27	30	33	37
28.75°	10	11	13	17	21	24	28	31	34	38	42
27.5°	11	12	16	20	24	28	31	35	39	43	48
26.25°	12	15	19	23	27	31	35	39	44	51	65
25°	14	18	23	26	30	34	39	44	51	67	82
23.75°	17	21	25	29	33	38	43	51	67	83	111
22.5°	20	24	28	32	37	42	48	65	82	111	168
21.25°	22	27	31	35	41	46	62	80	104	164	223
20°	25	29	33	39	44	56	75	93	154	216	282
18.75°	27	31	36	42	49	68	88	137	202	268	348
17.5°	29	33	39	45	60	80	113	181	248	329	414
16.25°	31	36	42	50	71	91	153	223	301	389	477
15°	33	39	45	60	81	119	192	264	354	446	536
13.75°	35	41	47	69	90	154	227	312	405	500	589
12.5°	37	43	55	77	110	185	261	356	454	549	634
11.25°	39	45	63	85	137	215	300	398	498	592	675
10°	41	47	69	92	163	241	335	436	538	629	705
8.75°	42	52	75	106	185	266	367	471	572	660	732
7.5°	43	57	80	125	205	292	396	502	601	686	749
6.25°	45	61	84	141	222	315	420	528	624	705	763
5°	46	65	88	154	236	334	441	547	643	721	775
3.75°	46	67	91	164	247	348	457	563	657	733	784
2.5°	47	69	93	172	255	359	468	574	668	740	791
1.25°	47	70	94	176	259	366	475	581	674	744	795
0°	47	71	95	178	261	368	478	583	677	745	796
-1.25°	47	70	94	176	259	366	475	581	674	744	795
-2.5°	47	69	93	172	255	359	468	574	668	740	791
-3.75°	46	67	91	164	247	348	457	563	657	733	784
-5°	46	65	88	154	236	334	441	547	643	721	775
-6.25°	45	61	84	141	222	315	420	528	624	705	763
-7.5°	43	57	80	125	205	292	396	502	601	686	749
-8.75°	42	52	75	106	185	266	367	471	572	660	732
-10°	41	47	69	92	163	241	335	436	538	629	705
-11.25°	39	45	63	85	137	215	300	398	498	592	675
-12.5°	37	43	55	77	110	185	261	356	454	549	634
-13.75°	35	41	47	69	90	154	227	312	405	500	589
-15°	33	39	45	60	81	119	192	264	354	446	536
-16.25°	31	36	42	50	71	91	153	223	301	389	477
-17.5°	29	33	39	45	60	80	113	181	248	329	414
-18.75°	27	31	36	42	49	68	88	137	202	268	348
-20°	25	29	33	39	44	56	75	93	154	216	282
-21.25°	22	27	31	35	41	46	62	80	104	164	223





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	20	24	28	32	37	42	48	65	82	111	168
-23.75°	17	21	25	29	33	38	43	51	67	83	111
-25°	14	18	23	26	30	34	39	44	51	67	82
-26.25°	12	15	19	23	27	31	35	39	44	51	65
-27.5°	11	12	16	20	24	28	31	35	39	43	48
-28.75°	10	11	13	17	21	24	28	31	34	38	42
-30°	10	11	11	13	17	21	24	27	30	33	37
-31.25°	9	10	11	11	13	17	20	23	26	29	32
-32.5°	9	9	10	11	11	13	16	19	23	25	28
-33.75°	9	9	9	10	11	11	12	15	18	21	24
-35°	9	9	9	9	10	10	11	12	14	17	20
-36.25°	8	9	9	9	9	10	10	11	11	12	15
-37.5°	8	8	8	9	9	9	10	10	11	11	12
-38.75°	7	7	8	8	9	9	9	9	10	10	11
-40°	7	7	7	8	8	9	9	9	9	9	10
-41.25°	7	7	7	7	8	8	8	9	9	9	9
-42.5°	6	6	7	7	7	7	8	8	8	9	9
-43.75°	6	6	6	7	7	7	7	7	8	8	8
-45°	6	6	6	6	6	7	7	7	7	7	8
-46.25°	5	6	6	6	6	6	7	7	7	7	7
-47.5°	5	5	6	6	6	6	6	6	6	7	7
-48.75°	5	5	5	5	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	6	6	6	6	6
-51.25°	4	4	5	5	5	5	5	5	5	6	6
-52.5°	4	4	4	4	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	4	4
-62.5°	2	2	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	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°	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	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	1	1	1	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	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	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	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	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	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	5	5	5	5
56.25°	4	4	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	6	6	6	6	6	6
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	7	7	7
50°	6	6	6	6	7	7	7	7	7	7	7
48.75°	7	7	7	7	7	7	7	7	7	8	8
47.5°	7	7	7	7	7	8	8	8	8	8	8
46.25°	7	8	8	8	8	8	9	9	9	9	9
45°	8	8	9	9	9	9	9	9	9	9	9
43.75°	9	9	9	9	9	9	9	10	10	10	10
42.5°	9	9	9	9	10	10	10	11	11	11	11
41.25°	9	10	10	10	11	11	11	12	12	13	14
40°	10	11	11	11	12	13	15	16	17	19	20
38.75°	11	12	12	14	16	18	20	21	23	24	25
37.5°	13	15	17	19	21	23	25	26	28	29	30
36.25°	18	20	22	24	26	28	30	31	33	34	36
35°	22	25	27	29	31	33	35	37	39	41	42



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	27	29	31	33	36	39	41	43	45	47	52
32.5°	31	33	36	39	42	45	47	55	63	69	75
31.25°	35	39	42	45	50	60	69	77	85	92	106
30°	41	44	49	60	71	81	90	110	137	163	185
28.75°	46	56	68	80	91	119	154	185	215	241	266
27.5°	62	75	88	113	153	192	227	261	300	335	367
26.25°	80	93	137	181	223	264	312	356	398	436	471
25°	104	154	202	248	301	354	405	454	498	538	572
23.75°	164	216	268	329	389	446	500	549	592	629	660
22.5°	223	282	348	414	477	536	589	634	675	705	732
21.25°	287	358	429	498	561	618	667	705	738	760	780
20°	358	434	509	576	636	687	729	758	783	806	831
18.75°	429	509	581	645	699	741	772	800	830	865	904
17.5°	498	576	645	703	747	780	812	852	897	947	1005
16.25°	561	636	699	747	783	818	865	922	987	1057	1141
15°	618	687	741	780	818	869	934	1012	1103	1203	1317
13.75°	667	729	772	812	865	934	1021	1127	1250	1384	1538
12.5°	705	758	800	852	922	1012	1127	1266	1426	1605	1789
11.25°	738	783	830	897	987	1103	1250	1426	1630	1841	2068
10°	760	806	865	947	1057	1203	1384	1605	1841	2100	2359
8.75°	780	831	904	1005	1141	1317	1538	1789	2068	2359	2656
7.5°	797	857	942	1059	1222	1431	1687	1973	2286	2613	2945
6.25°	812	881	982	1120	1305	1545	1823	2145	2489	2851	3214
5°	828	907	1018	1172	1376	1646	1954	2301	2673	3063	3453
3.75°	842	927	1046	1217	1446	1731	2061	2426	2825	3238	3648
2.5°	852	942	1070	1254	1497	1793	2139	2524	2940	3369	3795
1.25°	858	951	1087	1277	1529	1830	2190	2585	3010	3450	3884
0°	860	954	1092	1284	1539	1843	2207	2606	3034	3477	3914
-1.25°	858	951	1087	1277	1529	1830	2190	2585	3010	3450	3884
-2.5°	852	942	1070	1254	1497	1793	2139	2524	2940	3369	3795
-3.75°	842	927	1046	1217	1446	1731	2061	2426	2825	3238	3648
-5°	828	907	1018	1172	1376	1646	1954	2301	2673	3063	3453
-6.25°	812	881	982	1120	1305	1545	1823	2145	2489	2851	3214
-7.5°	797	857	942	1059	1222	1431	1687	1973	2286	2613	2945
-8.75°	780	831	904	1005	1141	1317	1538	1789	2068	2359	2656
-10°	760	806	865	947	1057	1203	1384	1605	1841	2100	2359
-11.25°	738	783	830	897	987	1103	1250	1426	1630	1841	2068
-12.5°	705	758	800	852	922	1012	1127	1266	1426	1605	1789
-13.75°	667	729	772	812	865	934	1021	1127	1250	1384	1538
-15°	618	687	741	780	818	869	934	1012	1103	1203	1317
-16.25°	561	636	699	747	783	818	865	922	987	1057	1141
-17.5°	498	576	645	703	747	780	812	852	897	947	1005
-18.75°	429	509	581	645	699	741	772	800	830	865	904
-20°	358	434	509	576	636	687	729	758	783	806	831
-21.25°	287	358	429	498	561	618	667	705	738	760	780



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	223	282	348	414	477	536	589	634	675	705	732
-23.75°	164	216	268	329	389	446	500	549	592	629	660
-25°	104	154	202	248	301	354	405	454	498	538	572
-26.25°	80	93	137	181	223	264	312	356	398	436	471
-27.5°	62	75	88	113	153	192	227	261	300	335	367
-28.75°	46	56	68	80	91	119	154	185	215	241	266
-30°	41	44	49	60	71	81	90	110	137	163	185
-31.25°	35	39	42	45	50	60	69	77	85	92	106
-32.5°	31	33	36	39	42	45	47	55	63	69	75
-33.75°	27	29	31	33	36	39	41	43	45	47	52
-35°	22	25	27	29	31	33	35	37	39	41	42
-36.25°	18	20	22	24	26	28	30	31	33	34	36
-37.5°	13	15	17	19	21	23	25	26	28	29	30
-38.75°	11	12	12	14	16	18	20	21	23	24	25
-40°	10	11	11	11	12	13	15	16	17	19	20
-41.25°	9	10	10	10	11	11	11	12	12	13	14
-42.5°	9	9	9	9	10	10	10	11	11	11	11
-43.75°	9	9	9	9	9	9	9	10	10	10	10
-45°	8	8	9	9	9	9	9	9	9	9	9
-46.25°	7	8	8	8	8	8	9	9	9	9	9
-47.5°	7	7	7	7	7	8	8	8	8	8	8
-48.75°	7	7	7	7	7	7	7	7	7	8	8
-50°	6	6	6	6	7	7	7	7	7	7	7
-51.25°	6	6	6	6	6	6	6	6	7	7	7
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	3	3	3	3	3	3
-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	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	2	2
-77.5°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	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	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	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	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	7	7	7	7	7	7	7	7	7	7	7
48.75°	8	8	8	8	8	8	8	8	8	8	8
47.5°	9	9	9	9	9	9	9	9	9	9	9
46.25°	9	9	9	9	9	9	9	9	9	9	9
45°	9	9	10	10	10	10	10	10	10	10	10
43.75°	10	10	11	11	11	11	11	11	11	11	11
42.5°	11	12	12	12	12	12	12	12	12	12	12
41.25°	15	16	16	17	17	18	18	18	17	17	16
40°	21	21	22	23	23	23	23	23	23	23	22
38.75°	26	27	27	28	28	28	28	28	28	28	27
37.5°	31	32	32	33	33	34	34	34	33	33	32
36.25°	37	38	39	39	40	40	40	40	40	39	39
35°	43	45	46	46	47	47	47	47	47	46	46



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	57	61	65	67	69	70	71	70	69	67	65
32.5°	80	84	88	91	93	94	95	94	93	91	88
31.25°	125	141	154	164	172	176	178	176	172	164	154
30°	205	222	236	247	255	259	261	259	255	247	236
28.75°	292	315	334	348	359	366	368	366	359	348	334
27.5°	396	420	441	457	468	475	478	475	468	457	441
26.25°	502	528	547	563	574	581	583	581	574	563	547
25°	601	624	643	657	668	674	677	674	668	657	643
23.75°	686	705	721	733	740	744	745	744	740	733	721
22.5°	749	763	775	784	791	795	796	795	791	784	775
21.25°	797	812	828	842	852	858	860	858	852	842	828
20°	857	881	907	927	942	951	954	951	942	927	907
18.75°	942	982	1018	1046	1070	1087	1092	1087	1070	1046	1018
17.5°	1059	1120	1172	1217	1254	1277	1284	1277	1254	1217	1172
16.25°	1222	1305	1376	1446	1497	1529	1539	1529	1497	1446	1376
15°	1431	1545	1646	1731	1793	1830	1843	1830	1793	1731	1646
13.75°	1687	1823	1954	2061	2139	2190	2207	2190	2139	2061	1954
12.5°	1973	2145	2301	2426	2524	2585	2606	2585	2524	2426	2301
11.25°	2286	2489	2673	2825	2940	3010	3034	3010	2940	2825	2673
10°	2613	2851	3063	3238	3369	3450	3477	3450	3369	3238	3063
8.75°	2945	3214	3453	3648	3795	3884	3914	3884	3795	3648	3453
7.5°	3267	3565	3827	4039	4198	4291	4323	4291	4198	4039	3827
6.25°	3565	3887	4169	4389	4550	4647	4681	4647	4550	4389	4169
5°	3827	4169	4456	4681	4842	4942	4977	4942	4842	4681	4456
3.75°	4039	4389	4681	4908	5070	5173	5204	5173	5070	4908	4681
2.5°	4198	4550	4842	5070	5236	5336	5363	5336	5236	5070	4842
1.25°	4291	4647	4942	5173	5336	5421	5450	5421	5336	5173	4942
0°	4323	4681	4977	5204	5363	5450	5498	5450	5363	5204	4977
-1.25°	4291	4647	4942	5173	5336	5421	5450	5421	5336	5173	4942
-2.5°	4198	4550	4842	5070	5236	5336	5363	5336	5236	5070	4842
-3.75°	4039	4389	4681	4908	5070	5173	5204	5173	5070	4908	4681
-5°	3827	4169	4456	4681	4842	4942	4977	4942	4842	4681	4456
-6.25°	3565	3887	4169	4389	4550	4647	4681	4647	4550	4389	4169
-7.5°	3267	3565	3827	4039	4198	4291	4323	4291	4198	4039	3827
-8.75°	2945	3214	3453	3648	3795	3884	3914	3884	3795	3648	3453
-10°	2613	2851	3063	3238	3369	3450	3477	3450	3369	3238	3063
-11.25°	2286	2489	2673	2825	2940	3010	3034	3010	2940	2825	2673
-12.5°	1973	2145	2301	2426	2524	2585	2606	2585	2524	2426	2301
-13.75°	1687	1823	1954	2061	2139	2190	2207	2190	2139	2061	1954
-15°	1431	1545	1646	1731	1793	1830	1843	1830	1793	1731	1646
-16.25°	1222	1305	1376	1446	1497	1529	1539	1529	1497	1446	1376
-17.5°	1059	1120	1172	1217	1254	1277	1284	1277	1254	1217	1172
-18.75°	942	982	1018	1046	1070	1087	1092	1087	1070	1046	1018
-20°	857	881	907	927	942	951	954	951	942	927	907
-21.25°	797	812	828	842	852	858	860	858	852	842	828





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	749	763	775	784	791	795	796	795	791	784	775
-23.75°	686	705	721	733	740	744	745	744	740	733	721
-25°	601	624	643	657	668	674	677	674	668	657	643
-26.25°	502	528	547	563	574	581	583	581	574	563	547
-27.5°	396	420	441	457	468	475	478	475	468	457	441
-28.75°	292	315	334	348	359	366	368	366	359	348	334
-30°	205	222	236	247	255	259	261	259	255	247	236
-31.25°	125	141	154	164	172	176	178	176	172	164	154
-32.5°	80	84	88	91	93	94	95	94	93	91	88
-33.75°	57	61	65	67	69	70	71	70	69	67	65
-35°	43	45	46	46	47	47	47	47	47	46	46
-36.25°	37	38	39	39	40	40	40	40	40	39	39
-37.5°	31	32	32	33	33	34	34	34	33	33	32
-38.75°	26	27	27	28	28	28	28	28	28	28	27
-40°	21	21	22	23	23	23	23	23	23	23	22
-41.25°	15	16	16	17	17	18	18	18	17	17	16
-42.5°	11	12	12	12	12	12	12	12	12	12	12
-43.75°	10	10	11	11	11	11	11	11	11	11	11
-45°	9	9	10	10	10	10	10	10	10	10	10
-46.25°	9	9	9	9	9	9	9	9	9	9	9
-47.5°	9	9	9	9	9	9	9	9	9	9	9
-48.75°	8	8	8	8	8	8	8	8	8	8	8
-50°	7	7	7	7	7	7	7	7	7	7	7
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	6	6	6	6	6	6	6	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-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	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	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	2	1	1	1	1	1
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	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	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	3	3	3	3	3	3	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	6	6	6	6	6	6
50°	7	7	7	7	7	7	7	7	7	6	6
48.75°	8	8	8	8	7	7	7	7	7	7	7
47.5°	9	9	8	8	8	8	8	8	7	7	7
46.25°	9	9	9	9	9	9	9	8	8	8	8
45°	9	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	10	10	10	10	9	9	9	9	9
42.5°	12	11	11	11	11	11	10	10	10	9	9
41.25°	16	15	14	13	12	12	11	11	11	10	10
40°	21	21	20	19	17	16	15	13	12	11	11
38.75°	27	26	25	24	23	21	20	18	16	14	12
37.5°	32	31	30	29	28	26	25	23	21	19	17
36.25°	38	37	36	34	33	31	30	28	26	24	22
35°	45	43	42	41	39	37	35	33	31	29	27



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	61	57	52	47	45	43	41	39	36	33	31
32.5°	84	80	75	69	63	55	47	45	42	39	36
31.25°	141	125	106	92	85	77	69	60	50	45	42
30°	222	205	185	163	137	110	90	81	71	60	49
28.75°	315	292	266	241	215	185	154	119	91	80	68
27.5°	420	396	367	335	300	261	227	192	153	113	88
26.25°	528	502	471	436	398	356	312	264	223	181	137
25°	624	601	572	538	498	454	405	354	301	248	202
23.75°	705	686	660	629	592	549	500	446	389	329	268
22.5°	763	749	732	705	675	634	589	536	477	414	348
21.25°	812	797	780	760	738	705	667	618	561	498	429
20°	881	857	831	806	783	758	729	687	636	576	509
18.75°	982	942	904	865	830	800	772	741	699	645	581
17.5°	1120	1059	1005	947	897	852	812	780	747	703	645
16.25°	1305	1222	1141	1057	987	922	865	818	783	747	699
15°	1545	1431	1317	1203	1103	1012	934	869	818	780	741
13.75°	1823	1687	1538	1384	1250	1127	1021	934	865	812	772
12.5°	2145	1973	1789	1605	1426	1266	1127	1012	922	852	800
11.25°	2489	2286	2068	1841	1630	1426	1250	1103	987	897	830
10°	2851	2613	2359	2100	1841	1605	1384	1203	1057	947	865
8.75°	3214	2945	2656	2359	2068	1789	1538	1317	1141	1005	904
7.5°	3565	3267	2945	2613	2286	1973	1687	1431	1222	1059	942
6.25°	3887	3565	3214	2851	2489	2145	1823	1545	1305	1120	982
5°	4169	3827	3453	3063	2673	2301	1954	1646	1376	1172	1018
3.75°	4389	4039	3648	3238	2825	2426	2061	1731	1446	1217	1046
2.5°	4550	4198	3795	3369	2940	2524	2139	1793	1497	1254	1070
1.25°	4647	4291	3884	3450	3010	2585	2190	1830	1529	1277	1087
0°	4681	4323	3914	3477	3034	2606	2207	1843	1539	1284	1092
-1.25°	4647	4291	3884	3450	3010	2585	2190	1830	1529	1277	1087
-2.5°	4550	4198	3795	3369	2940	2524	2139	1793	1497	1254	1070
-3.75°	4389	4039	3648	3238	2825	2426	2061	1731	1446	1217	1046
-5°	4169	3827	3453	3063	2673	2301	1954	1646	1376	1172	1018
-6.25°	3887	3565	3214	2851	2489	2145	1823	1545	1305	1120	982
-7.5°	3565	3267	2945	2613	2286	1973	1687	1431	1222	1059	942
-8.75°	3214	2945	2656	2359	2068	1789	1538	1317	1141	1005	904
-10°	2851	2613	2359	2100	1841	1605	1384	1203	1057	947	865
-11.25°	2489	2286	2068	1841	1630	1426	1250	1103	987	897	830
-12.5°	2145	1973	1789	1605	1426	1266	1127	1012	922	852	800
-13.75°	1823	1687	1538	1384	1250	1127	1021	934	865	812	772
-15°	1545	1431	1317	1203	1103	1012	934	869	818	780	741
-16.25°	1305	1222	1141	1057	987	922	865	818	783	747	699
-17.5°	1120	1059	1005	947	897	852	812	780	747	703	645
-18.75°	982	942	904	865	830	800	772	741	699	645	581
-20°	881	857	831	806	783	758	729	687	636	576	509
-21.25°	812	797	780	760	738	705	667	618	561	498	429



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	763	749	732	705	675	634	589	536	477	414	348
-23.75°	705	686	660	629	592	549	500	446	389	329	268
-25°	624	601	572	538	498	454	405	354	301	248	202
-26.25°	528	502	471	436	398	356	312	264	223	181	137
-27.5°	420	396	367	335	300	261	227	192	153	113	88
-28.75°	315	292	266	241	215	185	154	119	91	80	68
-30°	222	205	185	163	137	110	90	81	71	60	49
-31.25°	141	125	106	92	85	77	69	60	50	45	42
-32.5°	84	80	75	69	63	55	47	45	42	39	36
-33.75°	61	57	52	47	45	43	41	39	36	33	31
-35°	45	43	42	41	39	37	35	33	31	29	27
-36.25°	38	37	36	34	33	31	30	28	26	24	22
-37.5°	32	31	30	29	28	26	25	23	21	19	17
-38.75°	27	26	25	24	23	21	20	18	16	14	12
-40°	21	21	20	19	17	16	15	13	12	11	11
-41.25°	16	15	14	13	12	12	11	11	11	10	10
-42.5°	12	11	11	11	11	11	10	10	10	9	9
-43.75°	10	10	10	10	10	10	9	9	9	9	9
-45°	9	9	9	9	9	9	9	9	9	9	9
-46.25°	9	9	9	9	9	9	9	8	8	8	8
-47.5°	9	9	8	8	8	8	8	8	7	7	7
-48.75°	8	8	8	8	7	7	7	7	7	7	7
-50°	7	7	7	7	7	7	7	7	7	6	6
-51.25°	7	7	7	7	7	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	5	5	5
-55°	6	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	3
-63.75°	4	4	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	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	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	2	2
-77.5°	2	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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°	2	2	2	2	2	2	1	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
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°	3	3	3	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	5	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	4	4	4	4
52.5°	6	5	5	5	5	5	5	5	5	4	4
51.25°	6	6	6	6	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	5	5	5	5
48.75°	7	7	6	6	6	6	6	6	6	5	5
47.5°	7	7	7	7	6	6	6	6	6	6	6
46.25°	8	7	7	7	7	7	7	6	6	6	6
45°	8	8	8	7	7	7	7	7	6	6	6
43.75°	9	9	8	8	8	7	7	7	7	7	6
42.5°	9	9	9	9	8	8	8	7	7	7	7
41.25°	10	9	9	9	9	9	8	8	8	7	7
40°	11	10	10	9	9	9	9	9	8	8	7
38.75°	12	11	11	10	10	9	9	9	9	8	8
37.5°	15	13	12	11	11	10	10	9	9	9	8
36.25°	20	18	15	12	11	11	10	10	9	9	9
35°	25	22	20	17	14	12	11	10	10	9	9



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	29	27	24	21	18	15	12	11	11	10	9
32.5°	33	31	28	25	23	19	16	13	11	11	10
31.25°	39	35	32	29	26	23	20	17	13	11	11
30°	44	41	37	33	30	27	24	21	17	13	11
28.75°	56	46	42	38	34	31	28	24	21	17	13
27.5°	75	62	48	43	39	35	31	28	24	20	16
26.25°	93	80	65	51	44	39	35	31	27	23	19
25°	154	104	82	67	51	44	39	34	30	26	23
23.75°	216	164	111	83	67	51	43	38	33	29	25
22.5°	282	223	168	111	82	65	48	42	37	32	28
21.25°	358	287	223	164	104	80	62	46	41	35	31
20°	434	358	282	216	154	93	75	56	44	39	33
18.75°	509	429	348	268	202	137	88	68	49	42	36
17.5°	576	498	414	329	248	181	113	80	60	45	39
16.25°	636	561	477	389	301	223	153	91	71	50	42
15°	687	618	536	446	354	264	192	119	81	60	45
13.75°	729	667	589	500	405	312	227	154	90	69	47
12.5°	758	705	634	549	454	356	261	185	110	77	55
11.25°	783	738	675	592	498	398	300	215	137	85	63
10°	806	760	705	629	538	436	335	241	163	92	69
8.75°	831	780	732	660	572	471	367	266	185	106	75
7.5°	857	797	749	686	601	502	396	292	205	125	80
6.25°	881	812	763	705	624	528	420	315	222	141	84
5°	907	828	775	721	643	547	441	334	236	154	88
3.75°	927	842	784	733	657	563	457	348	247	164	91
2.5°	942	852	791	740	668	574	468	359	255	172	93
1.25°	951	858	795	744	674	581	475	366	259	176	94
0°	954	860	796	745	677	583	478	368	261	178	95
-1.25°	951	858	795	744	674	581	475	366	259	176	94
-2.5°	942	852	791	740	668	574	468	359	255	172	93
-3.75°	927	842	784	733	657	563	457	348	247	164	91
-5°	907	828	775	721	643	547	441	334	236	154	88
-6.25°	881	812	763	705	624	528	420	315	222	141	84
-7.5°	857	797	749	686	601	502	396	292	205	125	80
-8.75°	831	780	732	660	572	471	367	266	185	106	75
-10°	806	760	705	629	538	436	335	241	163	92	69
-11.25°	783	738	675	592	498	398	300	215	137	85	63
-12.5°	758	705	634	549	454	356	261	185	110	77	55
-13.75°	729	667	589	500	405	312	227	154	90	69	47
-15°	687	618	536	446	354	264	192	119	81	60	45
-16.25°	636	561	477	389	301	223	153	91	71	50	42
-17.5°	576	498	414	329	248	181	113	80	60	45	39
-18.75°	509	429	348	268	202	137	88	68	49	42	36
-20°	434	358	282	216	154	93	75	56	44	39	33
-21.25°	358	287	223	164	104	80	62	46	41	35	31





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	282	223	168	111	82	65	48	42	37	32	28
-23.75°	216	164	111	83	67	51	43	38	33	29	25
-25°	154	104	82	67	51	44	39	34	30	26	23
-26.25°	93	80	65	51	44	39	35	31	27	23	19
-27.5°	75	62	48	43	39	35	31	28	24	20	16
-28.75°	56	46	42	38	34	31	28	24	21	17	13
-30°	44	41	37	33	30	27	24	21	17	13	11
-31.25°	39	35	32	29	26	23	20	17	13	11	11
-32.5°	33	31	28	25	23	19	16	13	11	11	10
-33.75°	29	27	24	21	18	15	12	11	11	10	9
-35°	25	22	20	17	14	12	11	10	10	9	9
-36.25°	20	18	15	12	11	11	10	10	9	9	9
-37.5°	15	13	12	11	11	10	10	9	9	9	8
-38.75°	12	11	11	10	10	9	9	9	9	8	8
-40°	11	10	10	9	9	9	9	9	8	8	7
-41.25°	10	9	9	9	9	9	8	8	8	7	7
-42.5°	9	9	9	9	8	8	8	7	7	7	7
-43.75°	9	9	8	8	8	7	7	7	7	7	6
-45°	8	8	8	7	7	7	7	7	6	6	6
-46.25°	8	7	7	7	7	7	7	6	6	6	6
-47.5°	7	7	7	7	6	6	6	6	6	6	6
-48.75°	7	7	6	6	6	6	6	6	6	5	5
-50°	6	6	6	6	6	6	6	5	5	5	5
-51.25°	6	6	6	6	5	5	5	5	5	5	5
-52.5°	6	5	5	5	5	5	5	5	5	4	4
-53.75°	5	5	5	5	5	5	5	4	4	4	4
-55°	5	5	5	5	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	4	4	4	4	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	2	2	2
-65°	3	3	3	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°	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°	2	2	2	2	2	2	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	2	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
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°	3	3	3	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	2	2	2	2
57.5°	4	4	3	3	3	3	3	3	3	2	2
56.25°	4	4	4	4	3	3	3	3	3	3	2
55°	4	4	4	4	4	4	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	3
50°	5	5	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	4	4	4	4	4	4
46.25°	6	5	5	5	5	5	4	4	4	4	4
45°	6	6	6	5	5	5	5	4	4	4	4
43.75°	6	6	6	6	5	5	5	5	4	4	4
42.5°	6	6	6	6	6	5	5	5	5	4	4
41.25°	7	7	6	6	6	6	5	5	5	5	4
40°	7	7	7	6	6	6	6	5	5	5	5
38.75°	7	7	7	7	6	6	6	6	5	5	5
37.5°	8	8	7	7	7	6	6	6	6	5	5
36.25°	9	8	8	7	7	7	6	6	6	6	5
35°	9	9	8	8	7	7	7	6	6	6	5



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	9	9	9	8	7	7	7	6	6	6	6
32.5°	9	9	9	8	8	7	7	7	6	6	6
31.25°	10	9	9	9	8	8	7	7	7	6	6
30°	11	10	9	9	9	8	8	7	7	6	6
28.75°	11	10	10	9	9	9	8	7	7	7	6
27.5°	12	11	10	10	9	9	8	8	7	7	7
26.25°	15	12	11	10	9	9	9	8	7	7	7
25°	18	14	11	11	10	9	9	8	8	7	7
23.75°	21	17	12	11	10	9	9	9	8	7	7
22.5°	24	20	15	12	11	10	9	9	8	8	7
21.25°	27	22	18	13	11	10	9	9	9	8	7
20°	29	25	20	15	12	11	10	9	9	8	8
18.75°	31	27	22	17	12	11	10	9	9	9	8
17.5°	33	29	24	19	14	11	10	9	9	9	8
16.25°	36	31	26	21	16	12	11	10	9	9	8
15°	39	33	28	23	18	13	11	10	9	9	8
13.75°	41	35	30	25	20	15	11	10	9	9	9
12.5°	43	37	31	26	21	16	12	11	10	9	9
11.25°	45	39	33	28	23	17	12	11	10	9	9
10°	47	41	34	29	24	19	13	11	10	9	9
8.75°	52	42	36	30	25	20	14	11	10	9	9
7.5°	57	43	37	31	26	21	15	11	10	9	9
6.25°	61	45	38	32	27	21	16	12	10	9	9
5°	65	46	39	32	27	22	16	12	11	10	9
3.75°	67	46	39	33	28	23	17	12	11	10	9
2.5°	69	47	40	33	28	23	17	12	11	10	9
1.25°	70	47	40	34	28	23	18	12	11	10	9
0°	71	47	40	34	28	23	18	12	11	10	9
-1.25°	70	47	40	34	28	23	18	12	11	10	9
-2.5°	69	47	40	33	28	23	17	12	11	10	9
-3.75°	67	46	39	33	28	23	17	12	11	10	9
-5°	65	46	39	32	27	22	16	12	11	10	9
-6.25°	61	45	38	32	27	21	16	12	10	9	9
-7.5°	57	43	37	31	26	21	15	11	10	9	9
-8.75°	52	42	36	30	25	20	14	11	10	9	9
-10°	47	41	34	29	24	19	13	11	10	9	9
-11.25°	45	39	33	28	23	17	12	11	10	9	9
-12.5°	43	37	31	26	21	16	12	11	10	9	9
-13.75°	41	35	30	25	20	15	11	10	9	9	9
-15°	39	33	28	23	18	13	11	10	9	9	8
-16.25°	36	31	26	21	16	12	11	10	9	9	8
-17.5°	33	29	24	19	14	11	10	9	9	9	8
-18.75°	31	27	22	17	12	11	10	9	9	9	8
-20°	29	25	20	15	12	11	10	9	9	8	8
-21.25°	27	22	18	13	11	10	9	9	9	8	7



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	24	20	15	12	11	10	9	9	8	8	7
-23.75°	21	17	12	11	10	9	9	9	8	7	7
-25°	18	14	11	11	10	9	9	8	8	7	7
-26.25°	15	12	11	10	9	9	9	8	7	7	7
-27.5°	12	11	10	10	9	9	8	8	7	7	7
-28.75°	11	10	10	9	9	9	8	7	7	7	6
-30°	11	10	9	9	9	8	8	7	7	6	6
-31.25°	10	9	9	9	8	8	7	7	7	6	6
-32.5°	9	9	9	8	8	7	7	7	6	6	6
-33.75°	9	9	9	8	7	7	7	6	6	6	6
-35°	9	9	8	8	7	7	7	6	6	6	5
-36.25°	9	8	8	7	7	7	6	6	6	6	5
-37.5°	8	8	7	7	7	6	6	6	6	5	5
-38.75°	7	7	7	7	6	6	6	6	5	5	5
-40°	7	7	7	6	6	6	6	5	5	5	5
-41.25°	7	7	6	6	6	6	5	5	5	5	4
-42.5°	6	6	6	6	6	5	5	5	5	4	4
-43.75°	6	6	6	6	5	5	5	5	4	4	4
-45°	6	6	6	5	5	5	5	4	4	4	4
-46.25°	6	5	5	5	5	5	4	4	4	4	4
-47.5°	5	5	5	5	5	4	4	4	4	4	4
-48.75°	5	5	5	4	4	4	4	4	4	4	4
-50°	5	5	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	3
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	4	4	4	3	3	3	3
-55°	4	4	4	4	4	4	3	3	3	3	3
-56.25°	4	4	4	4	3	3	3	3	3	3	2
-57.5°	4	4	3	3	3	3	3	3	3	2	2
-58.75°	3	3	3	3	3	3	3	2	2	2	2
-60°	3	3	3	3	3	2	2	2	2	2	2
-61.25°	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	1
-73.75°	2	2	2	2	2	2	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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°	2	2	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	1	1
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	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	3	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	2	2	2	2	2	2
48.75°	4	3	3	3	3	3	2	2	2	2	2
47.5°	4	4	3	3	3	3	2	2	2	2	2
46.25°	4	4	4	3	3	3	3	2	2	2	2
45°	4	4	4	4	3	3	3	3	2	2	2
43.75°	4	4	4	4	4	3	3	3	3	2	2
42.5°	4	4	4	4	4	3	3	3	3	2	2
41.25°	4	4	4	4	4	4	3	3	3	3	2
40°	4	4	4	4	4	4	4	3	3	3	2
38.75°	5	4	4	4	4	4	4	3	3	3	3
37.5°	5	4	4	4	4	4	4	4	3	3	3
36.25°	5	5	4	4	4	4	4	4	3	3	3
35°	5	5	5	4	4	4	4	4	4	3	3



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	5	5	5	4	4	4	4	4	4	3	3
32.5°	6	5	5	5	4	4	4	4	4	4	3
31.25°	6	5	5	5	4	4	4	4	4	4	3
30°	6	6	5	5	5	4	4	4	4	4	3
28.75°	6	6	5	5	5	4	4	4	4	4	4
27.5°	6	6	6	5	5	5	4	4	4	4	4
26.25°	6	6	6	5	5	5	4	4	4	4	4
25°	6	6	6	5	5	5	4	4	4	4	4
23.75°	7	6	6	6	5	5	5	4	4	4	4
22.5°	7	6	6	6	5	5	5	4	4	4	4
21.25°	7	7	6	6	5	5	5	4	4	4	4
20°	7	7	6	6	6	5	5	4	4	4	4
18.75°	7	7	6	6	6	5	5	5	4	4	4
17.5°	7	7	6	6	6	5	5	5	4	4	4
16.25°	7	7	7	6	6	5	5	5	4	4	4
15°	8	7	7	6	6	6	5	5	4	4	4
13.75°	8	7	7	6	6	6	5	5	4	4	4
12.5°	8	7	7	6	6	6	5	5	5	4	4
11.25°	8	7	7	7	6	6	5	5	5	4	4
10°	8	8	7	7	6	6	5	5	5	4	4
8.75°	8	8	7	7	6	6	5	5	5	4	4
7.5°	9	8	7	7	6	6	5	5	5	4	4
6.25°	9	8	7	7	6	6	6	5	5	4	4
5°	9	8	7	7	6	6	6	5	5	4	4
3.75°	9	8	7	7	6	6	6	5	5	4	4
2.5°	9	8	7	7	6	6	6	5	5	4	4
1.25°	9	8	7	7	6	6	6	5	5	4	4
0°	9	8	7	7	6	6	6	5	5	4	4
-1.25°	9	8	7	7	6	6	6	5	5	4	4
-2.5°	9	8	7	7	6	6	6	5	5	4	4
-3.75°	9	8	7	7	6	6	6	5	5	4	4
-5°	9	8	7	7	6	6	6	5	5	4	4
-6.25°	9	8	7	7	6	6	6	5	5	4	4
-7.5°	9	8	7	7	6	6	5	5	5	4	4
-8.75°	8	8	7	7	6	6	5	5	5	4	4
-10°	8	8	7	7	6	6	5	5	5	4	4
-11.25°	8	7	7	7	6	6	5	5	5	4	4
-12.5°	8	7	7	6	6	6	5	5	5	4	4
-13.75°	8	7	7	6	6	6	5	5	4	4	4
-15°	8	7	7	6	6	6	5	5	4	4	4
-16.25°	7	7	7	6	6	5	5	5	4	4	4
-17.5°	7	7	6	6	6	5	5	5	4	4	4
-18.75°	7	7	6	6	6	5	5	5	4	4	4
-20°	7	7	6	6	6	5	5	4	4	4	4
-21.25°	7	7	6	6	5	5	5	4	4	4	4





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	7	6	6	6	5	5	5	4	4	4	4
-23.75°	7	6	6	6	5	5	5	4	4	4	4
-25°	6	6	6	5	5	5	4	4	4	4	4
-26.25°	6	6	6	5	5	5	4	4	4	4	4
-27.5°	6	6	6	5	5	5	4	4	4	4	4
-28.75°	6	6	5	5	5	4	4	4	4	4	4
-30°	6	6	5	5	5	4	4	4	4	4	3
-31.25°	6	5	5	5	4	4	4	4	4	4	3
-32.5°	6	5	5	5	4	4	4	4	4	4	3
-33.75°	5	5	5	4	4	4	4	4	4	3	3
-35°	5	5	5	4	4	4	4	4	4	3	3
-36.25°	5	5	4	4	4	4	4	4	3	3	3
-37.5°	5	4	4	4	4	4	4	4	3	3	3
-38.75°	5	4	4	4	4	4	4	3	3	3	3
-40°	4	4	4	4	4	4	4	3	3	3	2
-41.25°	4	4	4	4	4	4	3	3	3	3	2
-42.5°	4	4	4	4	4	3	3	3	3	2	2
-43.75°	4	4	4	4	4	3	3	3	3	2	2
-45°	4	4	4	4	3	3	3	3	2	2	2
-46.25°	4	4	4	3	3	3	3	2	2	2	2
-47.5°	4	4	3	3	3	3	2	2	2	2	2
-48.75°	4	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	3	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	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	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	1	1
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	2	2	2	1	1	1	1	1
-70°	2	2	2	2	1	1	1	1	1	1	1
-71.25°	2	2	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°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	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	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	1	1	1	1	1	1	1	1
60°	2	2	2	2	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	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	1	1	1	1
51.25°	2	2	2	2	2	2	2	2	1	1	1
50°	2	2	2	2	2	2	2	2	1	1	1
48.75°	2	2	2	2	2	2	2	2	2	1	1
47.5°	2	2	2	2	2	2	2	2	2	1	1
46.25°	2	2	2	2	2	2	2	2	2	1	1
45°	2	2	2	2	2	2	2	2	2	2	1
43.75°	2	2	2	2	2	2	2	2	2	2	1
42.5°	2	2	2	2	2	2	2	2	2	2	1
41.25°	2	2	2	2	2	2	2	2	2	2	1
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	3	2	2	2	2	2	2	2	2	2	2
35°	3	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	3	2	2	2	2	2	2	2	2	2	2
32.5°	3	3	2	2	2	2	2	2	2	2	2
31.25°	3	3	2	2	2	2	2	2	2	2	2
30°	3	3	2	2	2	2	2	2	2	2	2
28.75°	3	3	3	2	2	2	2	2	2	2	2
27.5°	3	3	3	2	2	2	2	2	2	2	2
26.25°	3	3	3	2	2	2	2	2	2	2	2
25°	3	3	3	2	2	2	2	2	2	2	2
23.75°	4	3	3	2	2	2	2	2	2	2	2
22.5°	4	3	3	3	2	2	2	2	2	2	2
21.25°	4	3	3	3	2	2	2	2	2	2	2
20°	4	3	3	3	2	2	2	2	2	2	2
18.75°	4	3	3	3	2	2	2	2	2	2	2
17.5°	4	4	3	3	2	2	2	2	2	2	2
16.25°	4	4	3	3	2	2	2	2	2	2	2
15°	4	4	3	3	3	2	2	2	2	2	2
13.75°	4	4	3	3	3	2	2	2	2	2	2
12.5°	4	4	3	3	3	2	2	2	2	2	2
11.25°	4	4	3	3	3	2	2	2	2	2	2
10°	4	4	3	3	3	2	2	2	2	2	2
8.75°	4	4	3	3	3	2	2	2	2	2	2
7.5°	4	4	4	3	3	2	2	2	2	2	2
6.25°	4	4	4	3	3	2	2	2	2	2	2
5°	4	4	4	3	3	2	2	2	2	2	2
3.75°	4	4	4	3	3	2	2	2	2	2	2
2.5°	4	4	4	3	3	2	2	2	2	2	2
1.25°	4	4	4	3	3	2	2	2	2	2	2
0°	4	4	4	3	3	2	2	2	2	2	2
-1.25°	4	4	4	3	3	2	2	2	2	2	2
-2.5°	4	4	4	3	3	2	2	2	2	2	2
-3.75°	4	4	4	3	3	2	2	2	2	2	2
-5°	4	4	4	3	3	2	2	2	2	2	2
-6.25°	4	4	4	3	3	2	2	2	2	2	2
-7.5°	4	4	4	3	3	2	2	2	2	2	2
-8.75°	4	4	3	3	3	2	2	2	2	2	2
-10°	4	4	3	3	3	2	2	2	2	2	2
-11.25°	4	4	3	3	3	2	2	2	2	2	2
-12.5°	4	4	3	3	3	2	2	2	2	2	2
-13.75°	4	4	3	3	3	2	2	2	2	2	2
-15°	4	4	3	3	3	2	2	2	2	2	2
-16.25°	4	4	3	3	2	2	2	2	2	2	2
-17.5°	4	4	3	3	2	2	2	2	2	2	2
-18.75°	4	3	3	3	2	2	2	2	2	2	2
-20°	4	3	3	3	2	2	2	2	2	2	2
-21.25°	4	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	4	3	3	3	2	2	2	2	2	2	2
-23.75°	4	3	3	2	2	2	2	2	2	2	2
-25°	3	3	3	2	2	2	2	2	2	2	2
-26.25°	3	3	3	2	2	2	2	2	2	2	2
-27.5°	3	3	3	2	2	2	2	2	2	2	2
-28.75°	3	3	3	2	2	2	2	2	2	2	2
-30°	3	3	2	2	2	2	2	2	2	2	2
-31.25°	3	3	2	2	2	2	2	2	2	2	2
-32.5°	3	3	2	2	2	2	2	2	2	2	2
-33.75°	3	2	2	2	2	2	2	2	2	2	2
-35°	3	2	2	2	2	2	2	2	2	2	2
-36.25°	3	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	1
-42.5°	2	2	2	2	2	2	2	2	2	2	1
-43.75°	2	2	2	2	2	2	2	2	2	2	1
-45°	2	2	2	2	2	2	2	2	2	2	1
-46.25°	2	2	2	2	2	2	2	2	2	1	1
-47.5°	2	2	2	2	2	2	2	2	2	1	1
-48.75°	2	2	2	2	2	2	2	2	2	1	1
-50°	2	2	2	2	2	2	2	2	1	1	1
-51.25°	2	2	2	2	2	2	2	2	1	1	1
-52.5°	2	2	2	2	2	2	2	1	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	2	1	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	2	2	1	1	1	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	2	2	1	1	1	1	1	1	1	1	1
-63.75°	2	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	1	1	1	1	1	1	1	1	0	0
32.5°	2	1	1	1	1	1	1	1	1	0	0
31.25°	2	1	1	1	1	1	1	1	1	0	0
30°	2	1	1	1	1	1	1	1	1	0	0
28.75°	2	1	1	1	1	1	1	1	1	0	0
27.5°	2	1	1	1	1	1	1	1	1	0	0
26.25°	2	2	1	1	1	1	1	1	1	0	0
25°	2	2	1	1	1	1	1	1	1	0	0
23.75°	2	2	1	1	1	1	1	1	1	0	0
22.5°	2	2	1	1	1	1	1	1	1	0	0
21.25°	2	2	1	1	1	1	1	1	1	0	0
20°	2	2	1	1	1	1	1	1	1	0	0
18.75°	2	2	1	1	1	1	1	1	1	0	0
17.5°	2	2	1	1	1	1	1	1	1	0	0
16.25°	2	2	1	1	1	1	1	1	1	0	0
15°	2	2	1	1	1	1	1	1	1	0	0
13.75°	2	2	1	1	1	1	1	1	1	0	0
12.5°	2	2	2	1	1	1	1	1	1	0	0
11.25°	2	2	2	1	1	1	1	1	1	0	0
10°	2	2	2	1	1	1	1	1	1	0	0
8.75°	2	2	2	1	1	1	1	1	1	0	0
7.5°	2	2	2	1	1	1	1	1	1	0	0
6.25°	2	2	2	1	1	1	1	1	1	0	0
5°	2	2	2	1	1	1	1	1	1	0	0
3.75°	2	2	2	1	1	1	1	1	1	0	0
2.5°	2	2	2	1	1	1	1	1	1	0	0
1.25°	2	2	2	1	1	1	1	1	1	0	0
0°	2	2	2	1	1	1	1	1	1	0	0
-1.25°	2	2	2	1	1	1	1	1	1	0	0
-2.5°	2	2	2	1	1	1	1	1	1	0	0
-3.75°	2	2	2	1	1	1	1	1	1	0	0
-5°	2	2	2	1	1	1	1	1	1	0	0
-6.25°	2	2	2	1	1	1	1	1	1	0	0
-7.5°	2	2	2	1	1	1	1	1	1	0	0
-8.75°	2	2	2	1	1	1	1	1	1	0	0
-10°	2	2	2	1	1	1	1	1	1	0	0
-11.25°	2	2	2	1	1	1	1	1	1	0	0
-12.5°	2	2	2	1	1	1	1	1	1	0	0
-13.75°	2	2	1	1	1	1	1	1	1	0	0
-15°	2	2	1	1	1	1	1	1	1	0	0
-16.25°	2	2	1	1	1	1	1	1	1	0	0
-17.5°	2	2	1	1	1	1	1	1	1	0	0
-18.75°	2	2	1	1	1	1	1	1	1	0	0
-20°	2	2	1	1	1	1	1	1	1	0	0
-21.25°	2	2	1	1	1	1	1	1	1	0	0





REPORT NUMBER: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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	1	1	1	1	1	1	1	0	0
-23.75°	2	2	1	1	1	1	1	1	1	0	0
-25°	2	2	1	1	1	1	1	1	1	0	0
-26.25°	2	2	1	1	1	1	1	1	1	0	0
-27.5°	2	1	1	1	1	1	1	1	1	0	0
-28.75°	2	1	1	1	1	1	1	1	1	0	0
-30°	2	1	1	1	1	1	1	1	1	0	0
-31.25°	2	1	1	1	1	1	1	1	1	0	0
-32.5°	2	1	1	1	1	1	1	1	1	0	0
-33.75°	2	1	1	1	1	1	1	1	1	0	0
-35°	2	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	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	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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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: P220673 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L2-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)