

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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

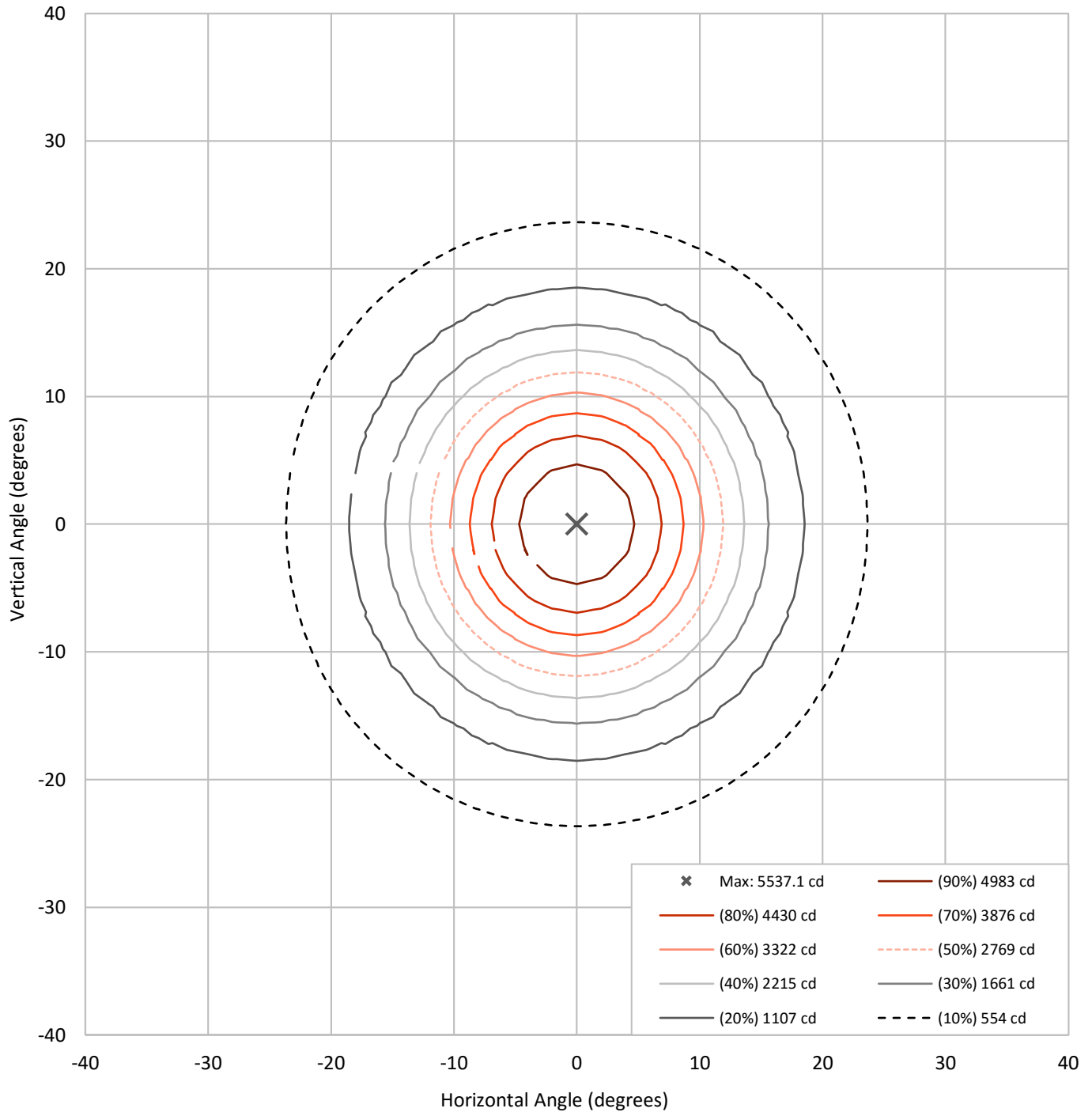
Test Method: LM-79-08  
Report Number: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29473)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED 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:	1153.8 lumens	Max Intensity:	5537.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.8°H x 23.8°V	Field Angle (10%):	47.3°H x 47.3°V
Beam Lumens:	541.6 lumens	Field Lumens:	1040 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
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		

REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV

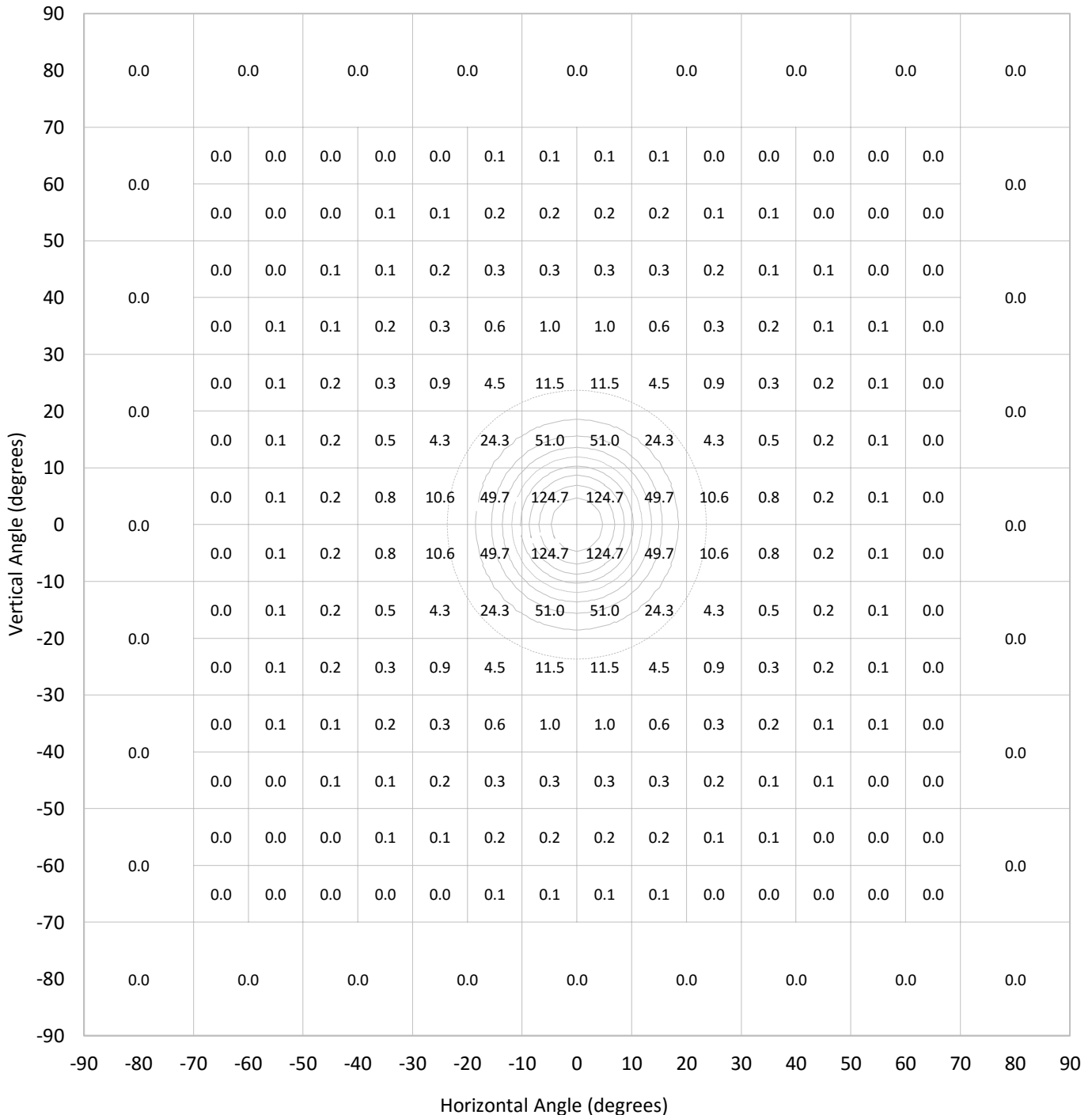
### Iso-Candela Plot





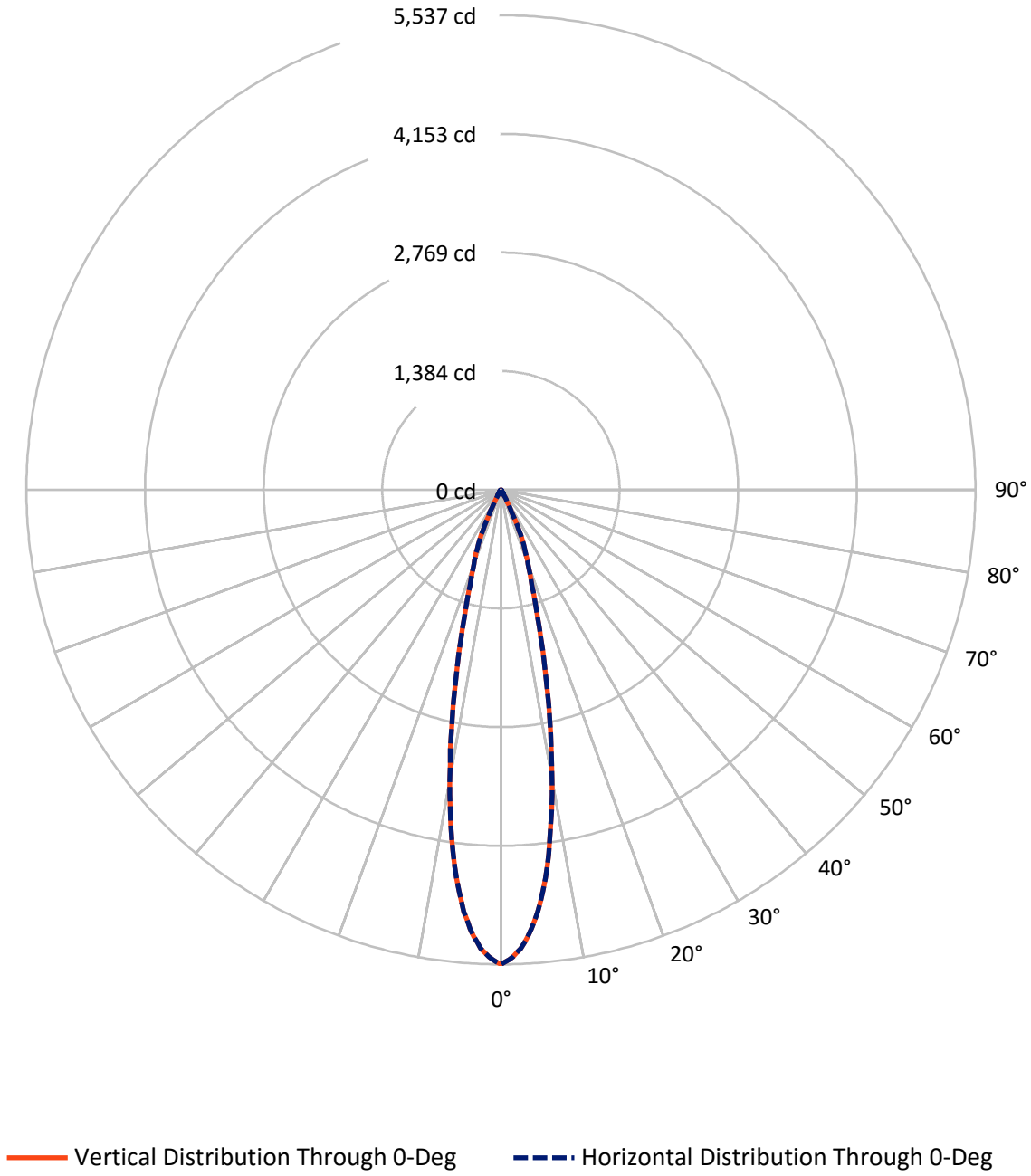
REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV

### Lumen Table



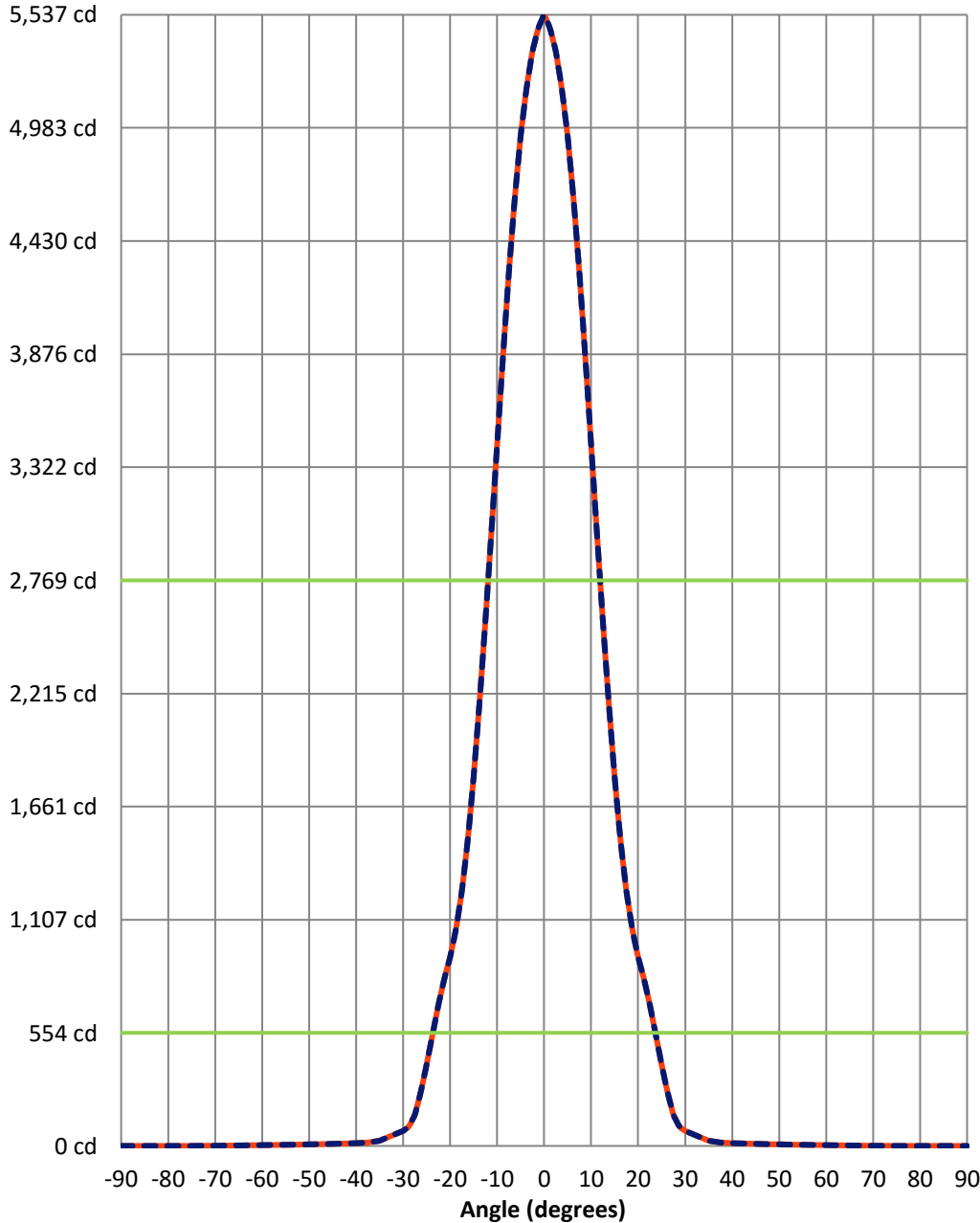
REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.8°  
 V Angle: 23.8°  
 Lumens: 541.6  
 Efficiency: 46.9%

**Field:**  
 H Angle: 47.3°  
 V Angle: 47.3°  
 Lumens: 1040  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 113.8  
 Efficiency: 9.9%

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



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-BK-L2-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1
47.5°	0	0	0	0	0	0	0	0	0	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	1
36.25°	0	0	0	0	0	0	1	1	1	1	1
35°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0	0	0	0	0	0	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	2
30°	0	0	0	0	0	1	1	1	1	1	2
28.75°	0	0	0	0	0	1	1	1	1	1	2
27.5°	0	0	0	0	1	1	1	1	1	1	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	2	2	2
18.75°	0	0	0	0	1	1	1	1	2	2	2
17.5°	0	0	0	1	1	1	1	1	2	2	2
16.25°	0	0	0	1	1	1	1	1	2	2	2
15°	0	0	0	1	1	1	1	1	2	2	2
13.75°	0	0	0	1	1	1	1	1	2	2	3
12.5°	0	0	0	1	1	1	1	1	2	2	3
11.25°	0	0	0	1	1	1	1	1	2	2	3
10°	0	0	0	1	1	1	1	1	2	2	3
8.75°	0	0	0	1	1	1	1	2	2	2	3
7.5°	0	0	0	1	1	1	1	2	2	2	3
6.25°	0	0	0	1	1	1	1	2	2	2	3
5°	0	0	0	1	1	1	1	2	2	2	3
3.75°	0	0	0	1	1	1	1	2	2	2	3
2.5°	0	0	0	1	1	1	1	2	2	2	3
1.25°	0	0	0	1	1	1	1	2	2	2	3
0°	0	0	0	1	1	1	1	2	2	2	3
-1.25°	0	0	0	1	1	1	1	2	2	2	3
-2.5°	0	0	0	1	1	1	1	2	2	2	3
-3.75°	0	0	0	1	1	1	1	2	2	2	3
-5°	0	0	0	1	1	1	1	2	2	2	3
-6.25°	0	0	0	1	1	1	1	2	2	2	3
-7.5°	0	0	0	1	1	1	1	2	2	2	3
-8.75°	0	0	0	1	1	1	1	2	2	2	3
-10°	0	0	0	1	1	1	1	1	2	2	3
-11.25°	0	0	0	1	1	1	1	1	2	2	3
-12.5°	0	0	0	1	1	1	1	1	2	2	3
-13.75°	0	0	0	1	1	1	1	1	2	2	3
-15°	0	0	0	1	1	1	1	1	2	2	2
-16.25°	0	0	0	1	1	1	1	1	2	2	2
-17.5°	0	0	0	1	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	2	2	2
-20°	0	0	0	0	1	1	1	1	2	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0	0	0	0	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	1	2
-28.75°	0	0	0	0	0	1	1	1	1	1	2
-30°	0	0	0	0	0	1	1	1	1	1	2
-31.25°	0	0	0	0	0	1	1	1	1	1	2
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	0	1	1	1	1	1
-35°	0	0	0	0	0	0	1	1	1	1	1
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	1	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	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	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
56.25°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	1	1	1	1	1	1	1	1	1
53.75°	0	0	1	1	1	1	1	1	1	1	2
52.5°	0	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
48.75°	1	1	1	1	1	1	2	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	3
46.25°	1	1	1	1	1	2	2	2	2	3	3
45°	1	1	1	1	2	2	2	2	3	3	3
43.75°	1	1	1	1	2	2	2	2	3	3	3
42.5°	1	1	1	2	2	2	2	3	3	3	3
41.25°	1	1	1	2	2	2	3	3	3	3	4
40°	1	1	2	2	2	2	3	3	3	4	4
38.75°	1	1	2	2	2	3	3	3	3	4	4
37.5°	1	2	2	2	2	3	3	3	4	4	4
36.25°	1	2	2	2	3	3	3	4	4	4	4
35°	2	2	2	2	3	3	3	4	4	4	5



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	2	2	3	3	3	4	4	4	4	5
32.5°	2	2	2	3	3	3	4	4	4	5	5
31.25°	2	2	2	3	3	3	4	4	4	5	5
30°	2	2	3	3	3	4	4	4	5	5	5
28.75°	2	2	3	3	3	4	4	4	5	5	5
27.5°	2	2	3	3	4	4	4	5	5	5	6
26.25°	2	3	3	3	4	4	4	5	5	5	6
25°	2	3	3	3	4	4	4	5	5	5	6
23.75°	2	3	3	3	4	4	5	5	5	6	6
22.5°	2	3	3	4	4	4	5	5	5	6	6
21.25°	3	3	3	4	4	4	5	5	5	6	6
20°	3	3	3	4	4	4	5	5	6	6	6
18.75°	3	3	3	4	4	5	5	5	6	6	6
17.5°	3	3	4	4	4	5	5	5	6	6	7
16.25°	3	3	4	4	4	5	5	5	6	6	7
15°	3	3	4	4	4	5	5	6	6	6	7
13.75°	3	3	4	4	4	5	5	6	6	6	7
12.5°	3	3	4	4	5	5	5	6	6	7	7
11.25°	3	3	4	4	5	5	5	6	6	7	7
10°	3	3	4	4	5	5	5	6	6	7	8
8.75°	3	3	4	4	5	5	5	6	6	7	8
7.5°	3	4	4	4	5	5	5	6	6	7	8
6.25°	3	4	4	4	5	5	6	6	6	7	8
5°	3	4	4	4	5	5	6	6	6	7	8
3.75°	3	4	4	4	5	5	6	6	6	7	8
2.5°	3	4	4	4	5	5	6	6	6	7	8
1.25°	3	4	4	4	5	5	6	6	6	7	8
0°	3	4	4	4	5	5	6	6	6	7	8
-1.25°	3	4	4	4	5	5	6	6	6	7	8
-2.5°	3	4	4	4	5	5	6	6	6	7	8
-3.75°	3	4	4	4	5	5	6	6	6	7	8
-5°	3	4	4	4	5	5	6	6	6	7	8
-6.25°	3	4	4	4	5	5	6	6	6	7	8
-7.5°	3	4	4	4	5	5	5	6	6	7	8
-8.75°	3	3	4	4	5	5	5	6	6	7	8
-10°	3	3	4	4	5	5	5	6	6	7	8
-11.25°	3	3	4	4	5	5	5	6	6	7	7
-12.5°	3	3	4	4	5	5	5	6	6	7	7
-13.75°	3	3	4	4	4	5	5	6	6	6	7
-15°	3	3	4	4	4	5	5	6	6	6	7
-16.25°	3	3	4	4	4	5	5	5	6	6	7
-17.5°	3	3	4	4	4	5	5	5	6	6	7
-18.75°	3	3	3	4	4	4	5	5	6	6	6
-20°	3	3	3	4	4	4	5	5	6	6	6
-21.25°	3	3	3	4	4	4	5	5	5	6	6





REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	2	3	3	4	4	4	5	5	5	6	6
-23.75°	2	3	3	3	4	4	5	5	5	6	6
-25°	2	3	3	3	4	4	4	5	5	5	6
-26.25°	2	3	3	3	4	4	4	5	5	5	6
-27.5°	2	2	3	3	4	4	4	5	5	5	6
-28.75°	2	2	3	3	3	4	4	4	5	5	5
-30°	2	2	3	3	3	4	4	4	5	5	5
-31.25°	2	2	2	3	3	3	4	4	4	5	5
-32.5°	2	2	2	3	3	3	4	4	4	5	5
-33.75°	2	2	2	3	3	3	4	4	4	4	5
-35°	2	2	2	2	3	3	3	4	4	4	5
-36.25°	1	2	2	2	3	3	3	4	4	4	4
-37.5°	1	2	2	2	2	3	3	3	4	4	4
-38.75°	1	1	2	2	2	3	3	3	3	4	4
-40°	1	1	2	2	2	2	3	3	3	4	4
-41.25°	1	1	1	2	2	2	3	3	3	3	4
-42.5°	1	1	1	2	2	2	2	3	3	3	3
-43.75°	1	1	1	1	2	2	2	2	3	3	3
-45°	1	1	1	1	2	2	2	2	3	3	3
-46.25°	1	1	1	1	1	2	2	2	2	3	3
-47.5°	1	1	1	1	1	1	2	2	2	2	3
-48.75°	1	1	1	1	1	1	2	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	1	2	2	2
-52.5°	0	1	1	1	1	1	1	1	1	2	2
-53.75°	0	0	1	1	1	1	1	1	1	1	2
-55°	0	0	1	1	1	1	1	1	1	1	1
-56.25°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	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	2	2
60°	1	1	1	1	1	1	1	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	2	2	2	2	2	2	2	3
56.25°	1	1	2	2	2	2	2	2	3	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	4
52.5°	2	2	2	3	3	3	3	3	3	4	4
51.25°	2	2	3	3	3	3	3	4	4	4	4
50°	2	3	3	3	3	3	4	4	4	4	4
48.75°	3	3	3	3	4	4	4	4	4	4	5
47.5°	3	3	3	4	4	4	4	4	5	5	5
46.25°	3	3	4	4	4	4	4	5	5	5	5
45°	3	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	8
36.25°	5	5	5	6	6	6	6	7	7	8	8
35°	5	5	5	6	6	6	7	7	8	8	8



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	7	7	8	8	8	9
32.5°	5	6	6	6	6	7	8	8	8	9	9
31.25°	5	6	6	6	7	7	8	8	9	9	9
30°	6	6	6	7	7	8	8	8	9	9	10
28.75°	6	6	6	7	8	8	8	9	9	10	10
27.5°	6	6	7	7	8	8	9	9	10	10	11
26.25°	6	6	7	8	8	8	9	9	10	11	11
25°	6	7	7	8	8	9	9	10	10	11	12
23.75°	6	7	8	8	8	9	9	10	11	11	12
22.5°	6	7	8	8	9	9	10	10	11	12	12
21.25°	7	7	8	8	9	9	10	11	11	12	13
20°	7	8	8	9	9	10	10	11	12	12	13
18.75°	7	8	8	9	9	10	11	11	12	13	13
17.5°	7	8	8	9	9	10	11	12	12	13	14
16.25°	8	8	9	9	10	10	11	12	13	13	15
15°	8	8	9	9	10	11	11	12	13	14	15
13.75°	8	8	9	9	10	11	12	12	13	14	16
12.5°	8	8	9	10	10	11	12	13	13	15	16
11.25°	8	8	9	10	10	11	12	13	14	15	17
10°	8	9	9	10	11	11	12	13	14	15	17
8.75°	8	9	9	10	11	12	12	13	14	16	18
7.5°	8	9	9	10	11	12	12	13	14	16	19
6.25°	8	9	9	10	11	12	13	13	15	16	20
5°	8	9	9	10	11	12	13	13	15	16	20
3.75°	8	9	10	10	11	12	13	14	15	17	21
2.5°	8	9	10	10	11	12	13	14	15	17	21
1.25°	8	9	10	10	11	12	13	14	15	17	21
0°	8	9	10	10	11	12	13	14	15	17	21
-1.25°	8	9	10	10	11	12	13	14	15	17	21
-2.5°	8	9	10	10	11	12	13	14	15	17	21
-3.75°	8	9	10	10	11	12	13	14	15	17	21
-5°	8	9	9	10	11	12	13	13	15	16	20
-6.25°	8	9	9	10	11	12	13	13	15	16	20
-7.5°	8	9	9	10	11	12	12	13	14	16	19
-8.75°	8	9	9	10	11	12	12	13	14	16	18
-10°	8	9	9	10	11	11	12	13	14	15	17
-11.25°	8	8	9	10	10	11	12	13	14	15	17
-12.5°	8	8	9	10	10	11	12	13	13	15	16
-13.75°	8	8	9	9	10	11	12	12	13	14	16
-15°	8	8	9	9	10	11	11	12	13	14	15
-16.25°	8	8	9	9	10	10	11	12	13	13	15
-17.5°	7	8	8	9	9	10	11	12	12	13	14
-18.75°	7	8	8	9	9	10	11	11	12	13	13
-20°	7	8	8	9	9	10	10	11	12	12	13
-21.25°	7	7	8	8	9	9	10	11	11	12	13



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	8	8	9	9	10	10	11	12	12
-23.75°	6	7	8	8	8	9	9	10	11	11	12
-25°	6	7	7	8	8	9	9	10	10	11	12
-26.25°	6	6	7	8	8	8	9	9	10	11	11
-27.5°	6	6	7	7	8	8	9	9	10	10	11
-28.75°	6	6	6	7	8	8	8	9	9	10	10
-30°	6	6	6	7	7	8	8	8	9	9	10
-31.25°	5	6	6	6	7	7	8	8	9	9	9
-32.5°	5	6	6	6	6	7	8	8	8	9	9
-33.75°	5	5	6	6	6	7	7	8	8	8	9
-35°	5	5	5	6	6	6	7	7	8	8	8
-36.25°	5	5	5	6	6	6	6	7	7	8	8
-37.5°	4	5	5	5	6	6	6	6	7	7	8
-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°	3	4	4	4	4	4	5	5	5	5	6
-46.25°	3	3	4	4	4	4	4	5	5	5	5
-47.5°	3	3	3	4	4	4	4	4	5	5	5
-48.75°	3	3	3	3	4	4	4	4	4	4	5
-50°	2	3	3	3	3	3	4	4	4	4	4
-51.25°	2	2	3	3	3	3	3	4	4	4	4
-52.5°	2	2	2	3	3	3	3	3	3	4	4
-53.75°	2	2	2	2	2	3	3	3	3	3	4
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	1	1	2	2	2	2	2	2	3	3	3
-57.5°	1	1	1	2	2	2	2	2	2	2	3
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	2	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°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	1	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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	1	1	1	1	1
70°	0	0	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	2	2	2	2
63.75°	1	1	1	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	3	3	3	3
60°	2	2	2	2	3	3	3	3	3	3	3
58.75°	2	3	3	3	3	3	3	3	3	3	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	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	7	7	7
46.25°	5	6	6	6	6	6	7	7	7	8	8
45°	6	6	6	6	7	7	7	8	8	8	8
43.75°	6	6	6	7	7	8	8	8	8	8	9
42.5°	6	7	7	7	8	8	8	8	9	9	9
41.25°	7	7	8	8	8	8	9	9	9	9	10
40°	7	8	8	8	8	9	9	9	10	10	10
38.75°	8	8	8	9	9	9	10	10	10	11	11
37.5°	8	8	9	9	9	10	10	11	11	11	12
36.25°	8	9	9	9	10	10	11	11	12	12	12
35°	9	9	10	10	11	11	11	12	12	13	13



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	10	10	11	11	12	12	12	13	13	14
32.5°	10	10	11	11	12	12	13	13	14	14	15
31.25°	10	11	11	12	12	13	13	14	15	16	16
30°	11	11	12	12	13	13	14	15	16	17	19
28.75°	11	12	12	13	13	14	15	16	17	20	22
27.5°	11	12	13	13	14	15	16	18	20	23	26
26.25°	12	12	13	14	15	16	18	20	23	27	35
25°	12	13	14	15	16	17	20	23	28	36	43
23.75°	13	13	14	16	17	20	23	27	36	44	52
22.5°	13	14	15	16	19	22	26	35	43	52	60
21.25°	13	15	16	18	21	25	33	42	51	60	68
20°	14	15	17	20	24	30	40	49	58	67	77
18.75°	15	16	19	22	26	36	46	56	65	75	87
17.5°	15	17	20	24	32	42	52	62	72	84	111
16.25°	16	18	22	27	38	48	58	68	80	102	153
15°	17	20	24	32	43	53	64	74	90	129	206
13.75°	18	22	26	37	47	58	69	81	108	171	269
12.5°	19	23	30	41	52	63	74	90	135	221	334
11.25°	20	24	33	45	56	67	80	106	170	274	396
10°	21	25	37	48	59	71	85	121	207	326	455
8.75°	22	28	40	51	63	74	94	148	248	374	509
7.5°	23	31	42	54	66	78	105	172	284	417	556
6.25°	24	33	45	56	68	82	114	195	318	456	597
5°	25	34	46	58	70	85	124	219	347	487	631
3.75°	25	36	48	60	72	87	137	238	370	512	657
2.5°	25	37	49	61	73	91	146	252	386	530	675
1.25°	26	37	49	61	73	94	151	260	395	541	686
0°	26	38	50	62	74	95	153	263	399	545	690
-1.25°	26	37	49	61	73	94	151	260	395	541	686
-2.5°	25	37	49	61	73	91	146	252	386	530	675
-3.75°	25	36	48	60	72	87	137	238	370	512	657
-5°	25	34	46	58	70	85	124	219	347	487	631
-6.25°	24	33	45	56	68	82	114	195	318	456	597
-7.5°	23	31	42	54	66	78	105	172	284	417	556
-8.75°	22	28	40	51	63	74	94	148	248	374	509
-10°	21	25	37	48	59	71	85	121	207	326	455
-11.25°	20	24	33	45	56	67	80	106	170	274	396
-12.5°	19	23	30	41	52	63	74	90	135	221	334
-13.75°	18	22	26	37	47	58	69	81	108	171	269
-15°	17	20	24	32	43	53	64	74	90	129	206
-16.25°	16	18	22	27	38	48	58	68	80	102	153
-17.5°	15	17	20	24	32	42	52	62	72	84	111
-18.75°	15	16	19	22	26	36	46	56	65	75	87
-20°	14	15	17	20	24	30	40	49	58	67	77
-21.25°	13	15	16	18	21	25	33	42	51	60	68





REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	13	14	15	16	19	22	26	35	43	52	60
-23.75°	13	13	14	16	17	20	23	27	36	44	52
-25°	12	13	14	15	16	17	20	23	28	36	43
-26.25°	12	12	13	14	15	16	18	20	23	27	35
-27.5°	11	12	13	13	14	15	16	18	20	23	26
-28.75°	11	12	12	13	13	14	15	16	17	20	22
-30°	11	11	12	12	13	13	14	15	16	17	19
-31.25°	10	11	11	12	12	13	13	14	15	16	16
-32.5°	10	10	11	11	12	12	13	13	14	14	15
-33.75°	9	10	10	11	11	12	12	12	13	13	14
-35°	9	9	10	10	11	11	11	12	12	13	13
-36.25°	8	9	9	9	10	10	11	11	12	12	12
-37.5°	8	8	9	9	9	10	10	11	11	11	12
-38.75°	8	8	8	9	9	9	10	10	10	11	11
-40°	7	8	8	8	8	9	9	9	10	10	10
-41.25°	7	7	8	8	8	8	9	9	9	9	10
-42.5°	6	7	7	7	8	8	8	8	9	9	9
-43.75°	6	6	6	7	7	8	8	8	8	8	9
-45°	6	6	6	6	7	7	7	8	8	8	8
-46.25°	5	6	6	6	6	6	7	7	7	8	8
-47.5°	5	5	6	6	6	6	6	6	7	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°	3	4	4	4	4	4	4	4	4	5	5
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	2	3	3	3	3	3	3	3	3	3	4
-60°	2	2	2	2	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	3	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	2	2	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	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°	0	0	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	2
66.25°	1	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	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	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	7	7	7	7
50°	6	6	6	7	7	7	7	7	7	8	8
48.75°	7	7	7	7	8	8	8	8	8	8	8
47.5°	7	8	8	8	8	8	8	8	8	9	9
46.25°	8	8	8	8	9	9	9	9	9	9	9
45°	8	9	9	9	9	9	9	10	10	10	10
43.75°	9	9	9	9	10	10	10	10	10	11	11
42.5°	9	10	10	10	10	11	11	11	11	11	12
41.25°	10	10	11	11	11	11	12	12	12	12	12
40°	11	11	11	12	12	12	12	13	13	13	13
38.75°	11	12	12	12	13	13	13	13	14	14	14
37.5°	12	12	13	13	13	14	14	15	15	15	16
36.25°	13	13	13	14	15	15	16	16	17	17	18
35°	13	14	15	15	16	17	18	19	20	21	22



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	15	15	16	17	18	20	22	23	24	25	28
32.5°	16	17	19	20	22	24	26	30	33	37	40
31.25°	18	20	22	24	27	32	37	41	45	48	51
30°	21	24	26	32	38	43	47	52	56	59	63
28.75°	25	30	36	42	48	53	58	63	67	71	74
27.5°	33	40	46	52	58	64	69	74	80	85	94
26.25°	42	49	56	62	68	74	81	90	106	121	148
25°	51	58	65	72	80	90	108	135	170	207	248
23.75°	60	67	75	84	102	129	171	221	274	326	374
22.5°	68	77	87	111	153	206	269	334	396	455	509
21.25°	78	91	117	169	236	309	384	456	525	588	644
20°	91	119	178	254	337	420	503	581	652	716	769
18.75°	117	178	260	351	443	534	621	700	769	826	873
17.5°	169	254	351	451	550	645	732	804	866	918	975
16.25°	236	337	443	550	653	748	826	892	957	1025	1108
15°	309	420	534	645	748	833	905	982	1071	1169	1280
13.75°	384	503	621	732	826	905	991	1094	1215	1346	1493
12.5°	456	581	700	804	892	982	1094	1230	1386	1558	1750
11.25°	525	652	769	866	957	1071	1215	1386	1584	1805	2029
10°	588	716	826	918	1025	1169	1346	1558	1805	2060	2323
8.75°	644	769	873	975	1108	1280	1493	1750	2029	2323	2618
7.5°	692	812	913	1027	1187	1391	1644	1935	2249	2576	2906
6.25°	734	848	952	1088	1269	1500	1786	2105	2454	2811	3173
5°	765	875	988	1138	1338	1601	1916	2264	2635	3023	3409
3.75°	788	897	1015	1182	1406	1690	2022	2391	2785	3196	3603
2.5°	804	912	1039	1219	1454	1754	2099	2489	2900	3326	3748
1.25°	814	922	1055	1241	1484	1794	2151	2549	2971	3406	3837
0°	818	925	1060	1249	1494	1807	2169	2569	2995	3433	3867
-1.25°	814	922	1055	1241	1484	1794	2151	2549	2971	3406	3837
-2.5°	804	912	1039	1219	1454	1754	2099	2489	2900	3326	3748
-3.75°	788	897	1015	1182	1406	1690	2022	2391	2785	3196	3603
-5°	765	875	988	1138	1338	1601	1916	2264	2635	3023	3409
-6.25°	734	848	952	1088	1269	1500	1786	2105	2454	2811	3173
-7.5°	692	812	913	1027	1187	1391	1644	1935	2249	2576	2906
-8.75°	644	769	873	975	1108	1280	1493	1750	2029	2323	2618
-10°	588	716	826	918	1025	1169	1346	1558	1805	2060	2323
-11.25°	525	652	769	866	957	1071	1215	1386	1584	1805	2029
-12.5°	456	581	700	804	892	982	1094	1230	1386	1558	1750
-13.75°	384	503	621	732	826	905	991	1094	1215	1346	1493
-15°	309	420	534	645	748	833	905	982	1071	1169	1280
-16.25°	236	337	443	550	653	748	826	892	957	1025	1108
-17.5°	169	254	351	451	550	645	732	804	866	918	975
-18.75°	117	178	260	351	443	534	621	700	769	826	873
-20°	91	119	178	254	337	420	503	581	652	716	769
-21.25°	78	91	117	169	236	309	384	456	525	588	644



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	68	77	87	111	153	206	269	334	396	455	509
-23.75°	60	67	75	84	102	129	171	221	274	326	374
-25°	51	58	65	72	80	90	108	135	170	207	248
-26.25°	42	49	56	62	68	74	81	90	106	121	148
-27.5°	33	40	46	52	58	64	69	74	80	85	94
-28.75°	25	30	36	42	48	53	58	63	67	71	74
-30°	21	24	26	32	38	43	47	52	56	59	63
-31.25°	18	20	22	24	27	32	37	41	45	48	51
-32.5°	16	17	19	20	22	24	26	30	33	37	40
-33.75°	15	15	16	17	18	20	22	23	24	25	28
-35°	13	14	15	15	16	17	18	19	20	21	22
-36.25°	13	13	13	14	15	15	16	16	17	17	18
-37.5°	12	12	13	13	13	14	14	15	15	15	16
-38.75°	11	12	12	12	13	13	13	13	14	14	14
-40°	11	11	11	12	12	12	12	13	13	13	13
-41.25°	10	10	11	11	11	11	12	12	12	12	12
-42.5°	9	10	10	10	10	11	11	11	11	11	12
-43.75°	9	9	9	9	10	10	10	10	10	11	11
-45°	8	9	9	9	9	9	9	10	10	10	10
-46.25°	8	8	8	8	9	9	9	9	9	9	9
-47.5°	7	8	8	8	8	8	8	8	8	9	9
-48.75°	7	7	7	7	8	8	8	8	8	8	8
-50°	6	6	6	7	7	7	7	7	7	8	8
-51.25°	6	6	6	6	6	6	6	7	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°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	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°	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°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	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	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°	8	8	8	8	8	8	8	8	8	8	8
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	10	10	10	10	10	10	10	9
45°	10	10	10	10	10	10	10	10	10	10	10
43.75°	11	11	11	11	11	11	11	11	11	11	11
42.5°	12	12	12	12	12	12	12	12	12	12	12
41.25°	12	13	13	13	13	13	13	13	13	13	13
40°	13	13	13	14	14	14	14	14	14	14	13
38.75°	14	15	15	15	15	15	15	15	15	15	15
37.5°	16	16	16	17	17	17	17	17	17	17	16
36.25°	19	20	20	21	21	21	21	21	21	21	20
35°	23	24	25	25	25	26	26	26	25	25	25



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	31	33	34	36	37	37	38	37	37	36	34
32.5°	42	45	46	48	49	49	50	49	49	48	46
31.25°	54	56	58	60	61	61	62	61	61	60	58
30°	66	68	70	72	73	73	74	73	73	72	70
28.75°	78	82	85	87	91	94	95	94	91	87	85
27.5°	105	114	124	137	146	151	153	151	146	137	124
26.25°	172	195	219	238	252	260	263	260	252	238	219
25°	284	318	347	370	386	395	399	395	386	370	347
23.75°	417	456	487	512	530	541	545	541	530	512	487
22.5°	556	597	631	657	675	686	690	686	675	657	631
21.25°	692	734	765	788	804	814	818	814	804	788	765
20°	812	848	875	897	912	922	925	922	912	897	875
18.75°	913	952	988	1015	1039	1055	1060	1055	1039	1015	988
17.5°	1027	1088	1138	1182	1219	1241	1249	1241	1219	1182	1138
16.25°	1187	1269	1338	1406	1454	1484	1494	1484	1454	1406	1338
15°	1391	1500	1601	1690	1754	1794	1807	1794	1754	1690	1601
13.75°	1644	1786	1916	2022	2099	2151	2169	2151	2099	2022	1916
12.5°	1935	2105	2264	2391	2489	2549	2569	2549	2489	2391	2264
11.25°	2249	2454	2635	2785	2900	2971	2995	2971	2900	2785	2635
10°	2576	2811	3023	3196	3326	3406	3433	3406	3326	3196	3023
8.75°	2906	3173	3409	3603	3748	3837	3867	3837	3748	3603	3409
7.5°	3225	3520	3780	3992	4151	4245	4277	4245	4151	3992	3780
6.25°	3520	3840	4122	4344	4507	4606	4640	4606	4507	4344	4122
5°	3780	4122	4412	4640	4805	4907	4943	4907	4805	4640	4412
3.75°	3992	4344	4640	4872	5040	5147	5179	5147	5040	4872	4640
2.5°	4151	4507	4805	5040	5213	5322	5356	5322	5213	5040	4805
1.25°	4245	4606	4907	5147	5322	5432	5473	5432	5322	5147	4907
0°	4277	4640	4943	5179	5356	5473	5537	5473	5356	5179	4943
-1.25°	4245	4606	4907	5147	5322	5432	5473	5432	5322	5147	4907
-2.5°	4151	4507	4805	5040	5213	5322	5356	5322	5213	5040	4805
-3.75°	3992	4344	4640	4872	5040	5147	5179	5147	5040	4872	4640
-5°	3780	4122	4412	4640	4805	4907	4943	4907	4805	4640	4412
-6.25°	3520	3840	4122	4344	4507	4606	4640	4606	4507	4344	4122
-7.5°	3225	3520	3780	3992	4151	4245	4277	4245	4151	3992	3780
-8.75°	2906	3173	3409	3603	3748	3837	3867	3837	3748	3603	3409
-10°	2576	2811	3023	3196	3326	3406	3433	3406	3326	3196	3023
-11.25°	2249	2454	2635	2785	2900	2971	2995	2971	2900	2785	2635
-12.5°	1935	2105	2264	2391	2489	2549	2569	2549	2489	2391	2264
-13.75°	1644	1786	1916	2022	2099	2151	2169	2151	2099	2022	1916
-15°	1391	1500	1601	1690	1754	1794	1807	1794	1754	1690	1601
-16.25°	1187	1269	1338	1406	1454	1484	1494	1484	1454	1406	1338
-17.5°	1027	1088	1138	1182	1219	1241	1249	1241	1219	1182	1138
-18.75°	913	952	988	1015	1039	1055	1060	1055	1039	1015	988
-20°	812	848	875	897	912	922	925	922	912	897	875
-21.25°	692	734	765	788	804	814	818	814	804	788	765





REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	556	597	631	657	675	686	690	686	675	657	631
-23.75°	417	456	487	512	530	541	545	541	530	512	487
-25°	284	318	347	370	386	395	399	395	386	370	347
-26.25°	172	195	219	238	252	260	263	260	252	238	219
-27.5°	105	114	124	137	146	151	153	151	146	137	124
-28.75°	78	82	85	87	91	94	95	94	91	87	85
-30°	66	68	70	72	73	73	74	73	73	72	70
-31.25°	54	56	58	60	61	61	62	61	61	60	58
-32.5°	42	45	46	48	49	49	50	49	49	48	46
-33.75°	31	33	34	36	37	37	38	37	37	36	34
-35°	23	24	25	25	25	26	26	26	25	25	25
-36.25°	19	20	20	21	21	21	21	21	21	21	20
-37.5°	16	16	16	17	17	17	17	17	17	17	16
-38.75°	14	15	15	15	15	15	15	15	15	15	15
-40°	13	13	13	14	14	14	14	14	14	14	13
-41.25°	12	13	13	13	13	13	13	13	13	13	13
-42.5°	12	12	12	12	12	12	12	12	12	12	12
-43.75°	11	11	11	11	11	11	11	11	11	11	11
-45°	10	10	10	10	10	10	10	10	10	10	10
-46.25°	9	9	9	10	10	10	10	10	10	10	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°	8	8	8	8	8	8	8	8	8	8	8
-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°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-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°	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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	1	1	1	1	1	1	1	1	1	0
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°	2	2	2	1	1	1	1	1	1	1	1
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°	3	3	3	3	3	3	3	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
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	7	6	6	6	6	6
50°	8	8	8	8	7	7	7	7	7	7	6
48.75°	8	8	8	8	8	8	8	8	8	7	7
47.5°	9	9	9	9	8	8	8	8	8	8	8
46.25°	9	9	9	9	9	9	9	9	9	8	8
45°	10	10	10	10	10	10	9	9	9	9	9
43.75°	11	11	11	11	10	10	10	10	10	9	9
42.5°	12	12	12	11	11	11	11	11	10	10	10
41.25°	13	12	12	12	12	12	12	11	11	11	11
40°	13	13	13	13	13	13	12	12	12	12	11
38.75°	15	14	14	14	14	13	13	13	13	12	12
37.5°	16	16	16	15	15	15	14	14	13	13	13
36.25°	20	19	18	17	17	16	16	15	15	14	13
35°	24	23	22	21	20	19	18	17	16	15	15



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	33	31	28	25	24	23	22	20	18	17	16
32.5°	45	42	40	37	33	30	26	24	22	20	19
31.25°	56	54	51	48	45	41	37	32	27	24	22
30°	68	66	63	59	56	52	47	43	38	32	26
28.75°	82	78	74	71	67	63	58	53	48	42	36
27.5°	114	105	94	85	80	74	69	64	58	52	46
26.25°	195	172	148	121	106	90	81	74	68	62	56
25°	318	284	248	207	170	135	108	90	80	72	65
23.75°	456	417	374	326	274	221	171	129	102	84	75
22.5°	597	556	509	455	396	334	269	206	153	111	87
21.25°	734	692	644	588	525	456	384	309	236	169	117
20°	848	812	769	716	652	581	503	420	337	254	178
18.75°	952	913	873	826	769	700	621	534	443	351	260
17.5°	1088	1027	975	918	866	804	732	645	550	451	351
16.25°	1269	1187	1108	1025	957	892	826	748	653	550	443
15°	1500	1391	1280	1169	1071	982	905	833	748	645	534
13.75°	1786	1644	1493	1346	1215	1094	991	905	826	732	621
12.5°	2105	1935	1750	1558	1386	1230	1094	982	892	804	700
11.25°	2454	2249	2029	1805	1584	1386	1215	1071	957	866	769
10°	2811	2576	2323	2060	1805	1558	1346	1169	1025	918	826
8.75°	3173	2906	2618	2323	2029	1750	1493	1280	1108	975	873
7.5°	3520	3225	2906	2576	2249	1935	1644	1391	1187	1027	913
6.25°	3840	3520	3173	2811	2454	2105	1786	1500	1269	1088	952
5°	4122	3780	3409	3023	2635	2264	1916	1601	1338	1138	988
3.75°	4344	3992	3603	3196	2785	2391	2022	1690	1406	1182	1015
2.5°	4507	4151	3748	3326	2900	2489	2099	1754	1454	1219	1039
1.25°	4606	4245	3837	3406	2971	2549	2151	1794	1484	1241	1055
0°	4640	4277	3867	3433	2995	2569	2169	1807	1494	1249	1060
-1.25°	4606	4245	3837	3406	2971	2549	2151	1794	1484	1241	1055
-2.5°	4507	4151	3748	3326	2900	2489	2099	1754	1454	1219	1039
-3.75°	4344	3992	3603	3196	2785	2391	2022	1690	1406	1182	1015
-5°	4122	3780	3409	3023	2635	2264	1916	1601	1338	1138	988
-6.25°	3840	3520	3173	2811	2454	2105	1786	1500	1269	1088	952
-7.5°	3520	3225	2906	2576	2249	1935	1644	1391	1187	1027	913
-8.75°	3173	2906	2618	2323	2029	1750	1493	1280	1108	975	873
-10°	2811	2576	2323	2060	1805	1558	1346	1169	1025	918	826
-11.25°	2454	2249	2029	1805	1584	1386	1215	1071	957	866	769
-12.5°	2105	1935	1750	1558	1386	1230	1094	982	892	804	700
-13.75°	1786	1644	1493	1346	1215	1094	991	905	826	732	621
-15°	1500	1391	1280	1169	1071	982	905	833	748	645	534
-16.25°	1269	1187	1108	1025	957	892	826	748	653	550	443
-17.5°	1088	1027	975	918	866	804	732	645	550	451	351
-18.75°	952	913	873	826	769	700	621	534	443	351	260
-20°	848	812	769	716	652	581	503	420	337	254	178
-21.25°	734	692	644	588	525	456	384	309	236	169	117



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	597	556	509	455	396	334	269	206	153	111	87
-23.75°	456	417	374	326	274	221	171	129	102	84	75
-25°	318	284	248	207	170	135	108	90	80	72	65
-26.25°	195	172	148	121	106	90	81	74	68	62	56
-27.5°	114	105	94	85	80	74	69	64	58	52	46
-28.75°	82	78	74	71	67	63	58	53	48	42	36
-30°	68	66	63	59	56	52	47	43	38	32	26
-31.25°	56	54	51	48	45	41	37	32	27	24	22
-32.5°	45	42	40	37	33	30	26	24	22	20	19
-33.75°	33	31	28	25	24	23	22	20	18	17	16
-35°	24	23	22	21	20	19	18	17	16	15	15
-36.25°	20	19	18	17	17	16	16	15	15	14	13
-37.5°	16	16	16	15	15	15	14	14	13	13	13
-38.75°	15	14	14	14	14	13	13	13	13	12	12
-40°	13	13	13	13	13	13	12	12	12	12	11
-41.25°	13	12	12	12	12	12	12	11	11	11	11
-42.5°	12	12	12	11	11	11	11	11	10	10	10
-43.75°	11	11	11	11	10	10	10	10	10	9	9
-45°	10	10	10	10	10	10	9	9	9	9	9
-46.25°	9	9	9	9	9	9	9	9	9	8	8
-47.5°	9	9	9	9	8	8	8	8	8	8	8
-48.75°	8	8	8	8	8	8	8	8	8	7	7
-50°	8	8	8	8	7	7	7	7	7	7	6
-51.25°	7	7	7	7	7	7	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	3
-61.25°	4	4	3	3	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	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	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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	1	1	1	1	1	1	0	0	0	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	1	1	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	2	2	1
62.5°	3	3	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	3	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	3	2	2
58.75°	4	4	4	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	3	3
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°	8	7	7	7	7	6	6	6	6	6	6
46.25°	8	8	8	8	7	7	7	6	6	6	6
45°	9	8	8	8	8	8	7	7	7	6	6
43.75°	9	9	9	8	8	8	8	8	7	7	6
42.5°	10	9	9	9	9	8	8	8	8	7	7
41.25°	10	10	10	9	9	9	9	8	8	8	8
40°	11	11	10	10	10	9	9	9	8	8	8
38.75°	12	11	11	11	10	10	10	9	9	9	8
37.5°	12	12	12	11	11	11	10	10	9	9	9
36.25°	13	13	12	12	12	11	11	10	10	9	9
35°	14	13	13	13	12	12	11	11	11	10	10



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	15	15	14	13	13	12	12	12	11	11	10
32.5°	17	16	15	14	14	13	13	12	12	11	11
31.25°	20	18	16	16	15	14	13	13	12	12	11
30°	24	21	19	17	16	15	14	13	13	12	12
28.75°	30	25	22	20	17	16	15	14	13	13	12
27.5°	40	33	26	23	20	18	16	15	14	13	13
26.25°	49	42	35	27	23	20	18	16	15	14	13
25°	58	51	43	36	28	23	20	17	16	15	14
23.75°	67	60	52	44	36	27	23	20	17	16	14
22.5°	77	68	60	52	43	35	26	22	19	16	15
21.25°	91	78	68	60	51	42	33	25	21	18	16
20°	119	91	77	67	58	49	40	30	24	20	17
18.75°	178	117	87	75	65	56	46	36	26	22	19
17.5°	254	169	111	84	72	62	52	42	32	24	20
16.25°	337	236	153	102	80	68	58	48	38	27	22
15°	420	309	206	129	90	74	64	53	43	32	24
13.75°	503	384	269	171	108	81	69	58	47	37	26
12.5°	581	456	334	221	135	90	74	63	52	41	30
11.25°	652	525	396	274	170	106	80	67	56	45	33
10°	716	588	455	326	207	121	85	71	59	48	37
8.75°	769	644	509	374	248	148	94	74	63	51	40
7.5°	812	692	556	417	284	172	105	78	66	54	42
6.25°	848	734	597	456	318	195	114	82	68	56	45
5°	875	765	631	487	347	219	124	85	70	58	46
3.75°	897	788	657	512	370	238	137	87	72	60	48
2.5°	912	804	675	530	386	252	146	91	73	61	49
1.25°	922	814	686	541	395	260	151	94	73	61	49
0°	925	818	690	545	399	263	153	95	74	62	50
-1.25°	922	814	686	541	395	260	151	94	73	61	49
-2.5°	912	804	675	530	386	252	146	91	73	61	49
-3.75°	897	788	657	512	370	238	137	87	72	60	48
-5°	875	765	631	487	347	219	124	85	70	58	46
-6.25°	848	734	597	456	318	195	114	82	68	56	45
-7.5°	812	692	556	417	284	172	105	78	66	54	42
-8.75°	769	644	509	374	248	148	94	74	63	51	40
-10°	716	588	455	326	207	121	85	71	59	48	37
-11.25°	652	525	396	274	170	106	80	67	56	45	33
-12.5°	581	456	334	221	135	90	74	63	52	41	30
-13.75°	503	384	269	171	108	81	69	58	47	37	26
-15°	420	309	206	129	90	74	64	53	43	32	24
-16.25°	337	236	153	102	80	68	58	48	38	27	22
-17.5°	254	169	111	84	72	62	52	42	32	24	20
-18.75°	178	117	87	75	65	56	46	36	26	22	19
-20°	119	91	77	67	58	49	40	30	24	20	17
-21.25°	91	78	68	60	51	42	33	25	21	18	16





REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	77	68	60	52	43	35	26	22	19	16	15
-23.75°	67	60	52	44	36	27	23	20	17	16	14
-25°	58	51	43	36	28	23	20	17	16	15	14
-26.25°	49	42	35	27	23	20	18	16	15	14	13
-27.5°	40	33	26	23	20	18	16	15	14	13	13
-28.75°	30	25	22	20	17	16	15	14	13	13	12
-30°	24	21	19	17	16	15	14	13	13	12	12
-31.25°	20	18	16	16	15	14	13	13	12	12	11
-32.5°	17	16	15	14	14	13	13	12	12	11	11
-33.75°	15	15	14	13	13	12	12	12	11	11	10
-35°	14	13	13	13	12	12	11	11	11	10	10
-36.25°	13	13	12	12	12	11	11	10	10	9	9
-37.5°	12	12	12	11	11	11	10	10	9	9	9
-38.75°	12	11	11	11	10	10	10	9	9	9	8
-40°	11	11	10	10	10	9	9	9	8	8	8
-41.25°	10	10	10	9	9	9	9	8	8	8	8
-42.5°	10	9	9	9	9	8	8	8	8	7	7
-43.75°	9	9	9	8	8	8	8	8	7	7	6
-45°	9	8	8	8	8	8	7	7	7	6	6
-46.25°	8	8	8	8	7	7	7	6	6	6	6
-47.5°	8	7	7	7	7	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	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	2	2
-61.25°	3	3	3	3	3	3	2	2	2	2	2
-62.5°	3	3	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	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	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
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°	2	2	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	2	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	1	1	1	1	1
58.75°	3	2	2	2	2	2	2	2	1	1	1
57.5°	3	3	3	2	2	2	2	2	2	2	1
56.25°	3	3	3	3	3	2	2	2	2	2	2
55°	4	3	3	3	3	3	3	2	2	2	2
53.75°	4	4	4	3	3	3	3	3	2	2	2
52.5°	4	4	4	4	3	3	3	3	3	3	2
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	5	5	4	4	4	4	4	3	3	3	3
48.75°	5	5	5	4	4	4	4	4	4	3	3
47.5°	5	5	5	5	5	4	4	4	4	4	3
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°	7	6	6	6	6	5	5	5	5	4	4
41.25°	7	7	6	6	6	6	5	5	5	5	4
40°	8	7	7	6	6	6	6	5	5	5	5
38.75°	8	8	7	7	6	6	6	6	5	5	5
37.5°	8	8	8	7	7	6	6	6	6	5	5
36.25°	9	8	8	8	7	7	6	6	6	6	5
35°	9	9	8	8	8	7	7	6	6	6	5



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	10	9	9	8	8	8	7	7	6	6	6
32.5°	10	10	9	9	8	8	8	7	6	6	6
31.25°	11	10	9	9	9	8	8	7	7	6	6
30°	11	11	10	9	9	8	8	8	7	7	6
28.75°	12	11	10	10	9	9	8	8	8	7	6
27.5°	12	11	11	10	10	9	9	8	8	7	7
26.25°	12	12	11	11	10	9	9	8	8	8	7
25°	13	12	12	11	10	10	9	9	8	8	7
23.75°	13	13	12	11	11	10	9	9	8	8	8
22.5°	14	13	12	12	11	10	10	9	9	8	8
21.25°	15	13	13	12	11	11	10	9	9	8	8
20°	15	14	13	12	12	11	10	10	9	9	8
18.75°	16	15	13	13	12	11	11	10	9	9	8
17.5°	17	15	14	13	12	12	11	10	9	9	8
16.25°	18	16	15	13	13	12	11	10	10	9	9
15°	20	17	15	14	13	12	11	11	10	9	9
13.75°	22	18	16	14	13	12	12	11	10	9	9
12.5°	23	19	16	15	13	13	12	11	10	10	9
11.25°	24	20	17	15	14	13	12	11	10	10	9
10°	25	21	17	15	14	13	12	11	11	10	9
8.75°	28	22	18	16	14	13	12	12	11	10	9
7.5°	31	23	19	16	14	13	12	12	11	10	9
6.25°	33	24	20	16	15	13	13	12	11	10	9
5°	34	25	20	16	15	13	13	12	11	10	9
3.75°	36	25	21	17	15	14	13	12	11	10	10
2.5°	37	25	21	17	15	14	13	12	11	10	10
1.25°	37	26	21	17	15	14	13	12	11	10	10
0°	38	26	21	17	15	14	13	12	11	10	10
-1.25°	37	26	21	17	15	14	13	12	11	10	10
-2.5°	37	25	21	17	15	14	13	12	11	10	10
-3.75°	36	25	21	17	15	14	13	12	11	10	10
-5°	34	25	20	16	15	13	13	12	11	10	9
-6.25°	33	24	20	16	15	13	13	12	11	10	9
-7.5°	31	23	19	16	14	13	12	12	11	10	9
-8.75°	28	22	18	16	14	13	12	12	11	10	9
-10°	25	21	17	15	14	13	12	11	11	10	9
-11.25°	24	20	17	15	14	13	12	11	10	10	9
-12.5°	23	19	16	15	13	13	12	11	10	10	9
-13.75°	22	18	16	14	13	12	12	11	10	9	9
-15°	20	17	15	14	13	12	11	11	10	9	9
-16.25°	18	16	15	13	13	12	11	10	10	9	9
-17.5°	17	15	14	13	12	12	11	10	9	9	8
-18.75°	16	15	13	13	12	11	11	10	9	9	8
-20°	15	14	13	12	12	11	10	10	9	9	8
-21.25°	15	13	13	12	11	11	10	9	9	8	8



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	14	13	12	12	11	10	10	9	9	8	8
-23.75°	13	13	12	11	11	10	9	9	8	8	8
-25°	13	12	12	11	10	10	9	9	8	8	7
-26.25°	12	12	11	11	10	9	9	8	8	8	7
-27.5°	12	11	11	10	10	9	9	8	8	7	7
-28.75°	12	11	10	10	9	9	8	8	8	7	6
-30°	11	11	10	9	9	8	8	8	7	7	6
-31.25°	11	10	9	9	9	8	8	7	7	6	6
-32.5°	10	10	9	9	8	8	8	7	6	6	6
-33.75°	10	9	9	8	8	8	7	7	6	6	6
-35°	9	9	8	8	8	7	7	6	6	6	5
-36.25°	9	8	8	8	7	7	6	6	6	6	5
-37.5°	8	8	8	7	7	6	6	6	6	5	5
-38.75°	8	8	7	7	6	6	6	6	5	5	5
-40°	8	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°	7	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	3
-48.75°	5	5	5	4	4	4	4	4	4	3	3
-50°	5	5	4	4	4	4	4	3	3	3	3
-51.25°	4	4	4	4	4	4	3	3	3	3	3
-52.5°	4	4	4	4	3	3	3	3	3	3	2
-53.75°	4	4	4	3	3	3	3	3	2	2	2
-55°	4	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	2	2	2	2	2	2
-57.5°	3	3	3	2	2	2	2	2	2	2	1
-58.75°	3	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	1	1	1	1	1
-61.25°	2	2	2	2	1	1	1	1	1	1	1
-62.5°	2	2	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	0	0
-67.5°	1	1	1	1	1	1	1	0	0	0	0
-68.75°	1	1	1	1	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	1	1	1	1	1	1	1	1	0	0	0
57.5°	1	1	1	1	1	1	1	1	1	0	0
56.25°	1	1	1	1	1	1	1	1	1	1	0
55°	2	2	1	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	2	1	1	1	1	1	1
50°	3	2	2	2	2	2	1	1	1	1	1
48.75°	3	3	2	2	2	2	2	1	1	1	1
47.5°	3	3	3	2	2	2	2	1	1	1	1
46.25°	3	3	3	3	2	2	2	2	1	1	1
45°	4	3	3	3	3	2	2	2	2	1	1
43.75°	4	4	3	3	3	2	2	2	2	1	1
42.5°	4	4	3	3	3	3	2	2	2	2	1
41.25°	4	4	4	3	3	3	3	2	2	2	1
40°	4	4	4	4	3	3	3	2	2	2	2
38.75°	5	4	4	4	3	3	3	3	2	2	2
37.5°	5	4	4	4	4	3	3	3	2	2	2
36.25°	5	5	4	4	4	4	3	3	3	2	2
35°	5	5	5	4	4	4	3	3	3	2	2



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	3	3	3	2
32.5°	6	5	5	5	4	4	4	3	3	3	2
31.25°	6	5	5	5	4	4	4	3	3	3	2
30°	6	6	5	5	5	4	4	4	3	3	3
28.75°	6	6	5	5	5	4	4	4	3	3	3
27.5°	6	6	6	5	5	5	4	4	4	3	3
26.25°	6	6	6	5	5	5	4	4	4	3	3
25°	7	6	6	5	5	5	4	4	4	3	3
23.75°	7	6	6	6	5	5	5	4	4	3	3
22.5°	7	6	6	6	5	5	5	4	4	4	3
21.25°	7	7	6	6	5	5	5	4	4	4	3
20°	8	7	6	6	6	5	5	4	4	4	3
18.75°	8	7	6	6	6	5	5	5	4	4	3
17.5°	8	7	7	6	6	5	5	5	4	4	4
16.25°	8	8	7	6	6	5	5	5	4	4	4
15°	8	8	7	6	6	6	5	5	4	4	4
13.75°	8	8	7	6	6	6	5	5	4	4	4
12.5°	8	8	7	7	6	6	5	5	5	4	4
11.25°	8	8	7	7	6	6	5	5	5	4	4
10°	9	8	8	7	6	6	5	5	5	4	4
8.75°	9	8	8	7	6	6	5	5	5	4	4
7.5°	9	8	8	7	6	6	5	5	5	4	4
6.25°	9	8	8	7	6	6	6	5	5	4	4
5°	9	8	8	7	6	6	6	5	5	4	4
3.75°	9	8	8	7	6	6	6	5	5	4	4
2.5°	9	8	8	7	6	6	6	5	5	4	4
1.25°	9	8	8	7	6	6	6	5	5	4	4
0°	9	8	8	7	6	6	6	5	5	4	4
-1.25°	9	8	8	7	6	6	6	5	5	4	4
-2.5°	9	8	8	7	6	6	6	5	5	4	4
-3.75°	9	8	8	7	6	6	6	5	5	4	4
-5°	9	8	8	7	6	6	6	5	5	4	4
-6.25°	9	8	8	7	6	6	6	5	5	4	4
-7.5°	9	8	8	7	6	6	5	5	5	4	4
-8.75°	9	8	8	7	6	6	5	5	5	4	4
-10°	9	8	8	7	6	6	5	5	5	4	4
-11.25°	8	8	7	7	6	6	5	5	5	4	4
-12.5°	8	8	7	7	6	6	5	5	5	4	4
-13.75°	8	8	7	6	6	6	5	5	4	4	4
-15°	8	8	7	6	6	6	5	5	4	4	4
-16.25°	8	8	7	6	6	5	5	5	4	4	4
-17.5°	8	7	7	6	6	5	5	5	4	4	4
-18.75°	8	7	6	6	6	5	5	5	4	4	3
-20°	8	7	6	6	6	5	5	4	4	4	3
-21.25°	7	7	6	6	5	5	5	4	4	4	3





REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	3
-23.75°	7	6	6	6	5	5	5	4	4	3	3
-25°	7	6	6	5	5	5	4	4	4	3	3
-26.25°	6	6	6	5	5	5	4	4	4	3	3
-27.5°	6	6	6	5	5	5	4	4	4	3	3
-28.75°	6	6	5	5	5	4	4	4	3	3	3
-30°	6	6	5	5	5	4	4	4	3	3	3
-31.25°	6	5	5	5	4	4	4	3	3	3	2
-32.5°	6	5	5	5	4	4	4	3	3	3	2
-33.75°	5	5	5	4	4	4	4	3	3	3	2
-35°	5	5	5	4	4	4	3	3	3	2	2
-36.25°	5	5	4	4	4	4	3	3	3	2	2
-37.5°	5	4	4	4	4	3	3	3	2	2	2
-38.75°	5	4	4	4	3	3	3	3	2	2	2
-40°	4	4	4	4	3	3	3	2	2	2	2
-41.25°	4	4	4	3	3	3	3	2	2	2	1
-42.5°	4	4	3	3	3	3	2	2	2	2	1
-43.75°	4	4	3	3	3	2	2	2	2	1	1
-45°	4	3	3	3	3	2	2	2	2	1	1
-46.25°	3	3	3	3	2	2	2	2	1	1	1
-47.5°	3	3	3	2	2	2	2	1	1	1	1
-48.75°	3	3	2	2	2	2	2	1	1	1	1
-50°	3	2	2	2	2	2	1	1	1	1	1
-51.25°	2	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	0
-57.5°	1	1	1	1	1	1	1	1	1	0	0
-58.75°	1	1	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	2	1	1	1	1	1	1	0	0	0	0
36.25°	2	1	1	1	1	1	1	0	0	0	0
35°	2	2	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	2	2	1	1	1	1	1	0	0	0	0
32.5°	2	2	1	1	1	1	1	1	0	0	0
31.25°	2	2	2	1	1	1	1	1	0	0	0
30°	2	2	2	1	1	1	1	1	0	0	0
28.75°	2	2	2	1	1	1	1	1	0	0	0
27.5°	2	2	2	1	1	1	1	1	1	0	0
26.25°	3	2	2	2	1	1	1	1	1	0	0
25°	3	2	2	2	1	1	1	1	1	0	0
23.75°	3	2	2	2	1	1	1	1	1	0	0
22.5°	3	2	2	2	1	1	1	1	1	0	0
21.25°	3	3	2	2	1	1	1	1	1	0	0
20°	3	3	2	2	2	1	1	1	1	0	0
18.75°	3	3	2	2	2	1	1	1	1	0	0
17.5°	3	3	2	2	2	1	1	1	1	1	0
16.25°	3	3	2	2	2	1	1	1	1	1	0
15°	3	3	2	2	2	1	1	1	1	1	0
13.75°	3	3	3	2	2	1	1	1	1	1	0
12.5°	3	3	3	2	2	1	1	1	1	1	0
11.25°	3	3	3	2	2	1	1	1	1	1	0
10°	3	3	3	2	2	1	1	1	1	1	0
8.75°	3	3	3	2	2	2	1	1	1	1	0
7.5°	4	3	3	2	2	2	1	1	1	1	0
6.25°	4	3	3	2	2	2	1	1	1	1	0
5°	4	3	3	2	2	2	1	1	1	1	0
3.75°	4	3	3	2	2	2	1	1	1	1	0
2.5°	4	3	3	2	2	2	1	1	1	1	0
1.25°	4	3	3	2	2	2	1	1	1	1	0
0°	4	3	3	2	2	2	1	1	1	1	0
-1.25°	4	3	3	2	2	2	1	1	1	1	0
-2.5°	4	3	3	2	2	2	1	1	1	1	0
-3.75°	4	3	3	2	2	2	1	1	1	1	0
-5°	4	3	3	2	2	2	1	1	1	1	0
-6.25°	4	3	3	2	2	2	1	1	1	1	0
-7.5°	4	3	3	2	2	2	1	1	1	1	0
-8.75°	3	3	3	2	2	2	1	1	1	1	0
-10°	3	3	3	2	2	1	1	1	1	1	0
-11.25°	3	3	3	2	2	1	1	1	1	1	0
-12.5°	3	3	3	2	2	1	1	1	1	1	0
-13.75°	3	3	3	2	2	1	1	1	1	1	0
-15°	3	3	2	2	2	1	1	1	1	1	0
-16.25°	3	3	2	2	2	1	1	1	1	1	0
-17.5°	3	3	2	2	2	1	1	1	1	1	0
-18.75°	3	3	2	2	2	1	1	1	1	0	0
-20°	3	3	2	2	2	1	1	1	1	0	0
-21.25°	3	3	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	3	2	2	2	1	1	1	1	1	0	0
-23.75°	3	2	2	2	1	1	1	1	1	0	0
-25°	3	2	2	2	1	1	1	1	1	0	0
-26.25°	3	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	1	1	1	1	1	1	0	0
-28.75°	2	2	2	1	1	1	1	1	0	0	0
-30°	2	2	2	1	1	1	1	1	0	0	0
-31.25°	2	2	2	1	1	1	1	1	0	0	0
-32.5°	2	2	1	1	1	1	1	1	0	0	0
-33.75°	2	2	1	1	1	1	1	0	0	0	0
-35°	2	2	1	1	1	1	1	0	0	0	0
-36.25°	2	1	1	1	1	1	1	0	0	0	0
-37.5°	2	1	1	1	1	1	1	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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: P220533 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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)