

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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29476)
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-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

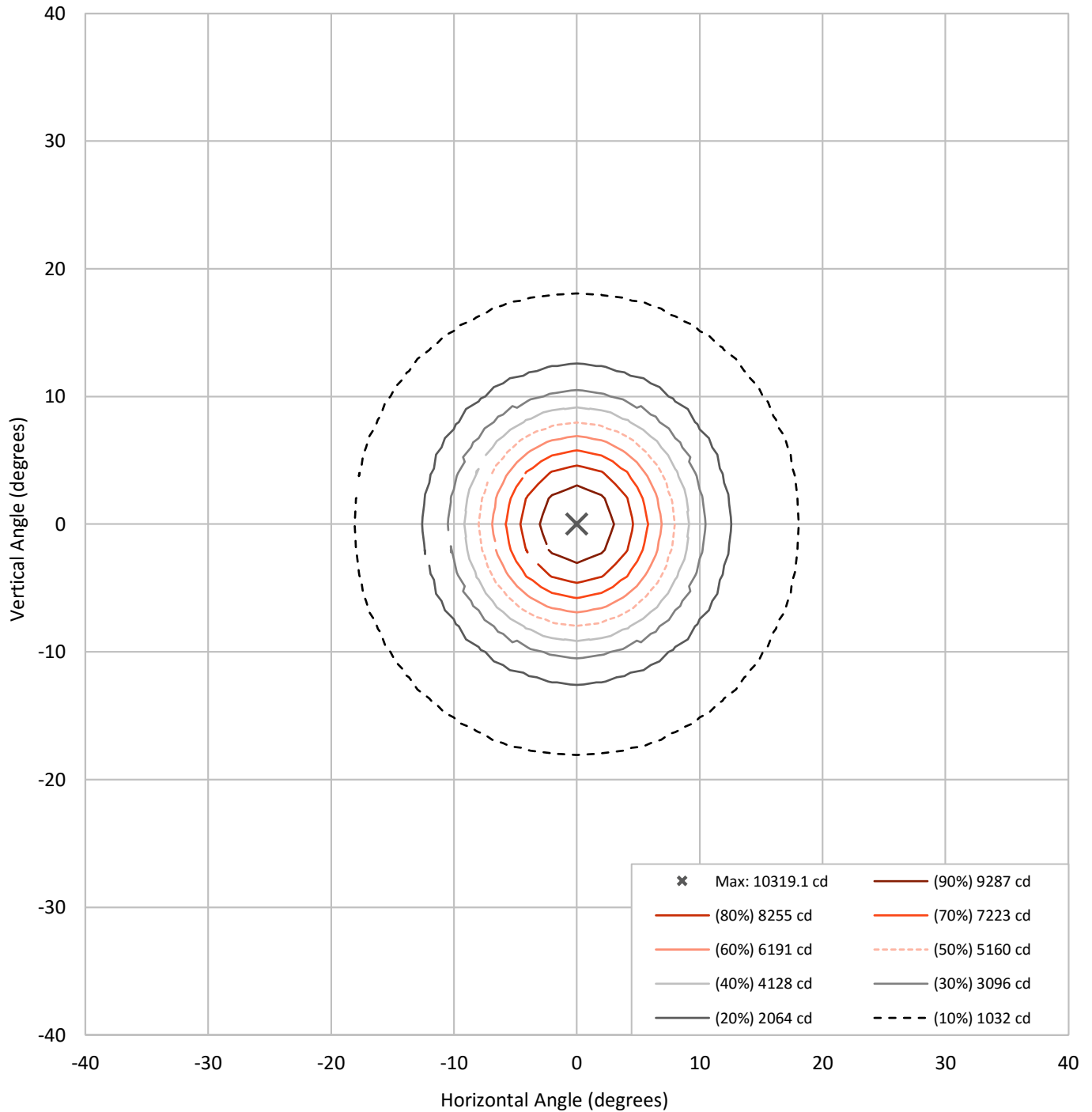
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1358.9 lumens	Max Intensity:	10319.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	443.7 lumens	Field Lumens:	956.8 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%
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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





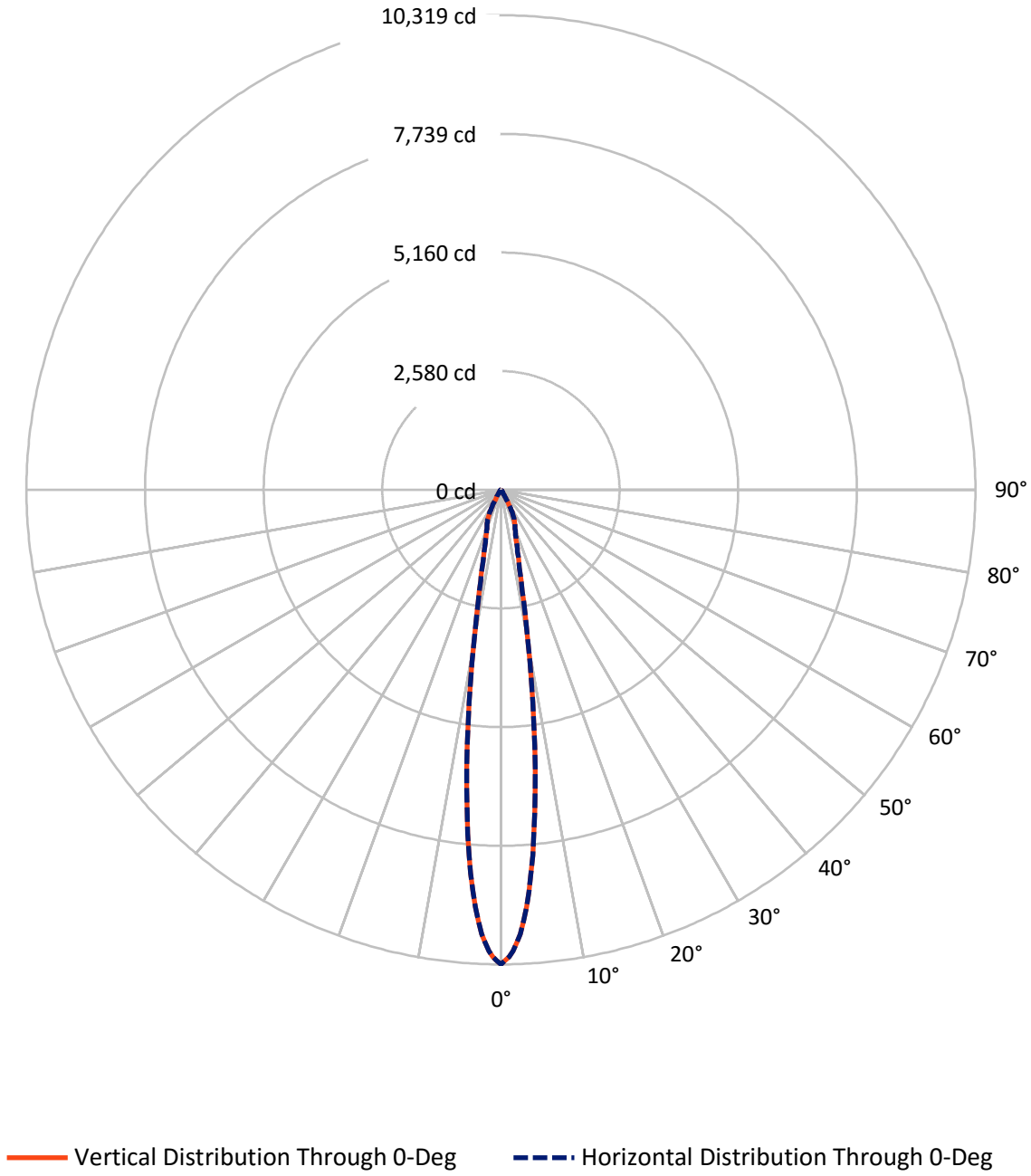
REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-BK-L2-UNV

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	0.1	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	0.1	0.0	0.0	0.0	0.0	
60		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		
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	0.0
40		0.0	0.1	0.1	0.1	0.3	0.8	1.8	1.8	0.8	0.3	0.1	0.1	0.1	0.0	
30	0.0	0.0	0.1	0.1	0.3	1.9	9.9	17.4	17.4	9.9	1.9	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.7	9.4	25.2	42.6	42.6	25.2	9.4	0.7	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.5	16.0	41.5	167.2	167.2	41.5	16.0	1.5	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.5	16.0	41.5	167.2	167.2	41.5	16.0	1.5	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.7	9.4	25.2	42.6	42.6	25.2	9.4	0.7	0.1	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.3	1.9	9.9	17.4	17.4	9.9	1.9	0.3	0.1	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.1	0.3	0.8	1.8	1.8	0.8	0.3	0.1	0.1	0.1	0.0	0.0
-40		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	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	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	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		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		

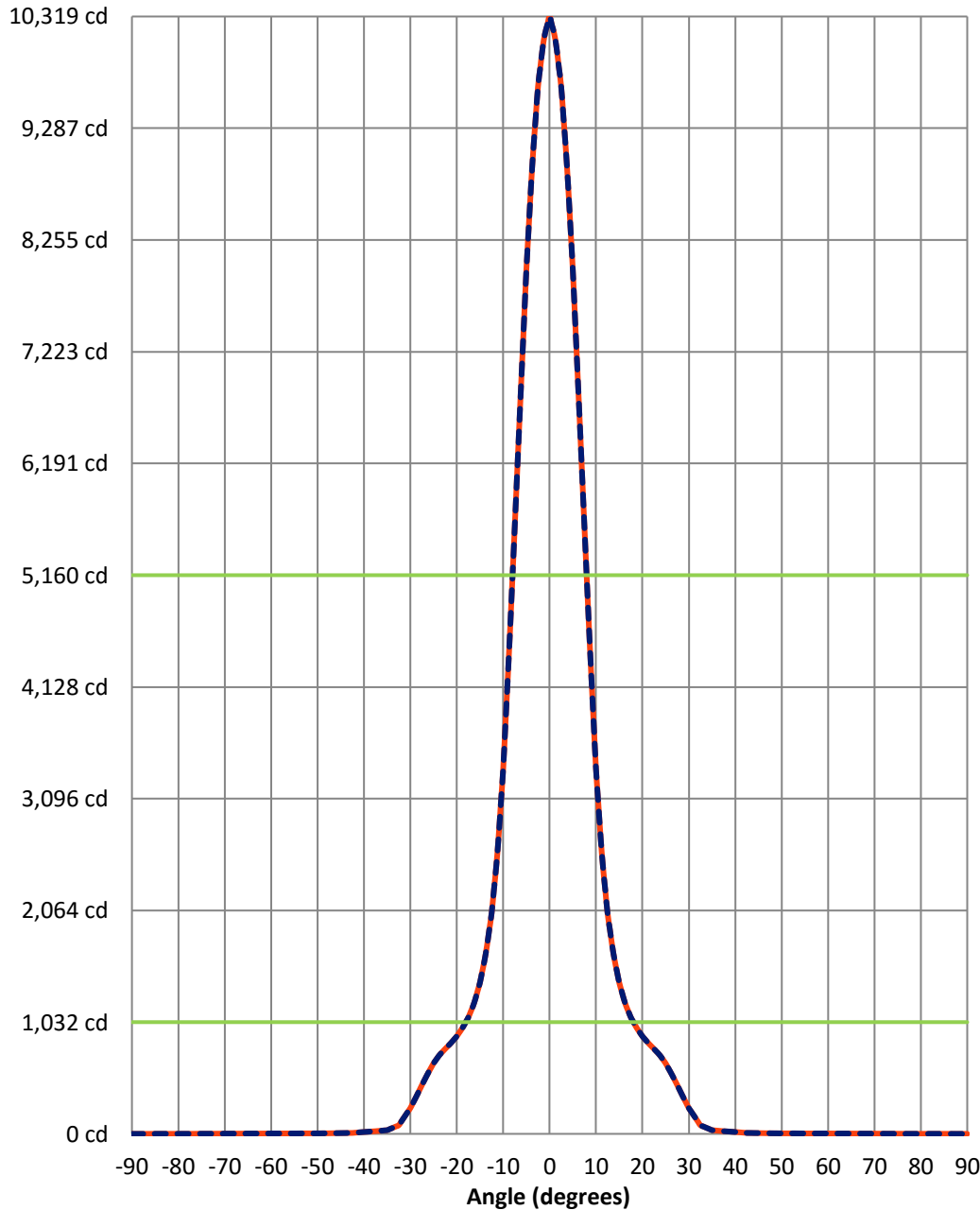
REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
H Angle: 16°
V Angle: 16°
Lumens: 443.7
Efficiency: 32.7%

Field:
H Angle: 36.1°
V Angle: 36.1°
Lumens: 956.8
Efficiency: 70.4%

Spill:
Lumens: 402.1
Efficiency: 29.6%

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



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	2
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	2	2	2	2	2
43.75°	1	1	1	1	1	1	2	2	2	2	2
42.5°	1	1	1	1	1	1	2	2	2	2	2
41.25°	1	1	1	1	1	2	2	2	2	2	2
40°	1	1	1	1	1	2	2	2	2	2	2
38.75°	1	1	1	1	1	2	2	2	2	2	2
37.5°	1	1	1	1	2	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	2
35°	1	1	1	1	2	2	2	2	2	2	2



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	1	1	2	2	2	2	2	2	2	3	3
-23.75°	1	1	2	2	2	2	2	2	2	2	3
-25°	1	1	2	2	2	2	2	2	2	2	3
-26.25°	1	1	1	2	2	2	2	2	2	2	3
-27.5°	1	1	1	2	2	2	2	2	2	2	3
-28.75°	1	1	1	2	2	2	2	2	2	2	3
-30°	1	1	1	2	2	2	2	2	2	2	2
-31.25°	1	1	1	2	2	2	2	2	2	2	2
-32.5°	1	1	1	2	2	2	2	2	2	2	2
-33.75°	1	1	1	1	2	2	2	2	2	2	2
-35°	1	1	1	1	2	2	2	2	2	2	2
-36.25°	1	1	1	1	2	2	2	2	2	2	2
-37.5°	1	1	1	1	2	2	2	2	2	2	2
-38.75°	1	1	1	1	1	2	2	2	2	2	2
-40°	1	1	1	1	1	2	2	2	2	2	2
-41.25°	1	1	1	1	1	2	2	2	2	2	2
-42.5°	1	1	1	1	1	1	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	2	2	2	2
-45°	1	1	1	1	1	1	2	2	2	2	2
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	2	2	2	2
-48.75°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	1	1	2	2	2	2	2	2	2	2
58.75°	1	1	2	2	2	2	2	2	2	2	2
57.5°	1	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	3
45°	2	2	2	2	2	3	3	3	3	3	3
43.75°	2	2	2	2	3	3	3	3	3	3	3
42.5°	2	2	2	2	3	3	3	3	3	3	3
41.25°	2	2	2	3	3	3	3	3	3	3	4
40°	2	2	2	3	3	3	3	3	3	4	4
38.75°	2	2	3	3	3	3	3	3	3	4	4
37.5°	2	2	3	3	3	3	3	3	4	4	4
36.25°	2	3	3	3	3	3	3	4	4	4	4
35°	2	3	3	3	3	3	3	4	4	4	4



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	3	3	4	4	4	4	4
32.5°	3	3	3	3	3	3	4	4	4	4	4
31.25°	3	3	3	3	3	3	4	4	4	4	4
30°	3	3	3	3	3	4	4	4	4	4	4
28.75°	3	3	3	3	3	4	4	4	4	4	4
27.5°	3	3	3	3	4	4	4	4	4	4	4
26.25°	3	3	3	3	4	4	4	4	4	4	4
25°	3	3	3	3	4	4	4	4	4	4	4
23.75°	3	3	3	3	4	4	4	4	4	4	4
22.5°	3	3	3	4	4	4	4	4	4	4	4
21.25°	3	3	3	4	4	4	4	4	4	4	5
20°	3	3	3	4	4	4	4	4	4	4	5
18.75°	3	3	3	4	4	4	4	4	4	4	5
17.5°	3	3	4	4	4	4	4	4	4	5	5
16.25°	3	3	4	4	4	4	4	4	4	5	5
15°	3	3	4	4	4	4	4	4	4	5	5
13.75°	3	3	4	4	4	4	4	4	4	5	5
12.5°	3	3	4	4	4	4	4	4	4	5	5
11.25°	3	3	4	4	4	4	4	4	5	5	5
10°	3	3	4	4	4	4	4	4	5	5	5
8.75°	3	3	4	4	4	4	4	4	5	5	5
7.5°	3	4	4	4	4	4	4	4	5	5	5
6.25°	3	4	4	4	4	4	4	4	5	5	5
5°	3	4	4	4	4	4	4	4	5	5	5
3.75°	3	4	4	4	4	4	4	4	5	5	5
2.5°	3	4	4	4	4	4	4	4	5	5	5
1.25°	3	4	4	4	4	4	4	4	5	5	5
0°	3	4	4	4	4	4	4	4	5	5	5
-1.25°	3	4	4	4	4	4	4	4	5	5	5
-2.5°	3	4	4	4	4	4	4	4	5	5	5
-3.75°	3	4	4	4	4	4	4	4	5	5	5
-5°	3	4	4	4	4	4	4	4	5	5	5
-6.25°	3	4	4	4	4	4	4	4	5	5	5
-7.5°	3	4	4	4	4	4	4	4	5	5	5
-8.75°	3	3	4	4	4	4	4	4	5	5	5
-10°	3	3	4	4	4	4	4	4	5	5	5
-11.25°	3	3	4	4	4	4	4	4	5	5	5
-12.5°	3	3	4	4	4	4	4	4	4	5	5
-13.75°	3	3	4	4	4	4	4	4	4	5	5
-15°	3	3	4	4	4	4	4	4	4	5	5
-16.25°	3	3	4	4	4	4	4	4	4	5	5
-17.5°	3	3	4	4	4	4	4	4	4	5	5
-18.75°	3	3	3	4	4	4	4	4	4	4	5
-20°	3	3	3	4	4	4	4	4	4	4	5
-21.25°	3	3	3	4	4	4	4	4	4	4	5



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	3	3	4	4	4	4	4	4	4	4
-23.75°	3	3	3	3	4	4	4	4	4	4	4
-25°	3	3	3	3	4	4	4	4	4	4	4
-26.25°	3	3	3	3	4	4	4	4	4	4	4
-27.5°	3	3	3	3	4	4	4	4	4	4	4
-28.75°	3	3	3	3	3	4	4	4	4	4	4
-30°	3	3	3	3	3	4	4	4	4	4	4
-31.25°	3	3	3	3	3	3	4	4	4	4	4
-32.5°	3	3	3	3	3	3	4	4	4	4	4
-33.75°	2	3	3	3	3	3	4	4	4	4	4
-35°	2	3	3	3	3	3	3	4	4	4	4
-36.25°	2	3	3	3	3	3	3	4	4	4	4
-37.5°	2	2	3	3	3	3	3	3	4	4	4
-38.75°	2	2	3	3	3	3	3	3	3	4	4
-40°	2	2	2	3	3	3	3	3	3	4	4
-41.25°	2	2	2	3	3	3	3	3	3	3	4
-42.5°	2	2	2	2	3	3	3	3	3	3	3
-43.75°	2	2	2	2	3	3	3	3	3	3	3
-45°	2	2	2	2	2	3	3	3	3	3	3
-46.25°	2	2	2	2	2	2	3	3	3	3	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	2	2	2	2	2	2	2	2	2
-60°	1	1	1	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	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	2	2
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	1	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	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	4
52.5°	3	3	3	3	3	3	3	3	3	4	4
51.25°	3	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	3	3	3	4	4	4	4	4
48.75°	3	3	3	3	4	4	4	4	4	4	4
47.5°	3	3	3	4	4	4	4	4	4	4	4
46.25°	3	3	4	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	5	5
40°	4	4	4	4	4	4	4	4	5	5	5
38.75°	4	4	4	4	4	4	4	5	5	5	5
37.5°	4	4	4	4	4	4	5	5	5	5	5
36.25°	4	4	4	4	4	4	5	5	5	5	5
35°	4	4	4	4	4	5	5	5	5	5	5



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	4	4	4	4	5	5	5	5	5	5	5
32.5°	4	4	4	5	5	5	5	5	5	5	6
31.25°	4	4	4	5	5	5	5	5	5	6	6
30°	4	4	5	5	5	5	5	5	6	6	7
28.75°	4	4	5	5	5	5	5	6	6	7	7
27.5°	4	5	5	5	5	5	5	6	6	7	8
26.25°	4	5	5	5	5	5	6	6	7	7	8
25°	5	5	5	5	5	5	6	7	7	8	8
23.75°	5	5	5	5	5	6	6	7	8	8	9
22.5°	5	5	5	5	5	6	7	7	8	9	11
21.25°	5	5	5	5	6	6	7	8	8	9	13
20°	5	5	5	5	6	6	7	8	9	11	15
18.75°	5	5	5	5	6	7	7	8	9	13	17
17.5°	5	5	5	6	6	7	8	8	11	15	18
16.25°	5	5	5	6	7	7	8	9	12	16	20
15°	5	5	5	6	7	7	8	10	14	18	21
13.75°	5	5	6	6	7	8	8	11	15	19	22
12.5°	5	5	6	6	7	8	9	12	16	20	23
11.25°	5	5	6	7	7	8	9	13	17	21	24
10°	5	5	6	7	7	8	10	14	18	22	25
8.75°	5	5	6	7	8	8	11	15	19	22	26
7.5°	5	5	6	7	8	8	11	16	19	23	27
6.25°	5	6	6	7	8	9	12	16	20	24	28
5°	5	6	6	7	8	9	12	17	20	24	28
3.75°	5	6	6	7	8	9	13	17	21	24	29
2.5°	5	6	6	7	8	9	13	17	21	25	29
1.25°	5	6	6	7	8	9	13	18	21	25	30
0°	5	6	6	7	8	9	13	18	21	25	30
-1.25°	5	6	6	7	8	9	13	18	21	25	30
-2.5°	5	6	6	7	8	9	13	17	21	25	29
-3.75°	5	6	6	7	8	9	13	17	21	24	29
-5°	5	6	6	7	8	9	12	17	20	24	28
-6.25°	5	6	6	7	8	9	12	16	20	24	28
-7.5°	5	5	6	7	8	8	11	16	19	23	27
-8.75°	5	5	6	7	8	8	11	15	19	22	26
-10°	5	5	6	7	7	8	10	14	18	22	25
-11.25°	5	5	6	7	7	8	9	13	17	21	24
-12.5°	5	5	6	6	7	8	9	12	16	20	23
-13.75°	5	5	6	6	7	8	8	11	15	19	22
-15°	5	5	5	6	7	7	8	10	14	18	21
-16.25°	5	5	5	6	7	7	8	9	12	16	20
-17.5°	5	5	5	6	6	7	8	8	11	15	18
-18.75°	5	5	5	5	6	7	7	8	9	13	17
-20°	5	5	5	5	6	6	7	8	9	11	15
-21.25°	5	5	5	5	6	6	7	8	8	9	13



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	5	5	5	5	5	6	7	7	8	9	11
-23.75°	5	5	5	5	5	6	6	7	8	8	9
-25°	5	5	5	5	5	5	6	7	7	8	8
-26.25°	4	5	5	5	5	5	6	6	7	7	8
-27.5°	4	5	5	5	5	5	5	6	6	7	8
-28.75°	4	4	5	5	5	5	5	6	6	7	7
-30°	4	4	5	5	5	5	5	5	6	6	7
-31.25°	4	4	4	5	5	5	5	5	5	6	6
-32.5°	4	4	4	5	5	5	5	5	5	5	6
-33.75°	4	4	4	4	5	5	5	5	5	5	5
-35°	4	4	4	4	4	5	5	5	5	5	5
-36.25°	4	4	4	4	4	4	5	5	5	5	5
-37.5°	4	4	4	4	4	4	5	5	5	5	5
-38.75°	4	4	4	4	4	4	4	5	5	5	5
-40°	4	4	4	4	4	4	4	4	5	5	5
-41.25°	4	4	4	4	4	4	4	4	4	5	5
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	4	4	4	4	4	4	4	4
-48.75°	3	3	3	3	4	4	4	4	4	4	4
-50°	3	3	3	3	3	3	4	4	4	4	4
-51.25°	3	3	3	3	3	3	3	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	4
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	3	3	3	3	3	3	3	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	2	2	2
72.5°	1	1	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	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	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	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	5	5	5
47.5°	4	4	4	4	4	4	5	5	5	5	5
46.25°	4	4	4	4	5	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	5	5	5	5
43.75°	4	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	6	6
41.25°	5	5	5	5	5	5	5	6	6	6	7
40°	5	5	5	5	5	6	6	6	7	7	7
38.75°	5	5	5	5	6	6	6	7	7	8	8
37.5°	5	5	5	6	6	7	7	7	8	8	9
36.25°	5	5	6	6	7	7	8	8	8	9	11
35°	5	6	6	7	7	8	8	9	10	13	15



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	6	6	7	7	8	8	9	11	14	16	18
32.5°	6	7	7	8	8	9	12	15	17	19	21
31.25°	7	7	8	8	10	12	15	18	20	22	24
30°	7	8	8	10	13	15	18	20	23	25	27
28.75°	8	8	9	12	15	18	21	23	25	28	31
27.5°	8	9	12	15	18	21	23	26	29	32	35
26.25°	9	11	15	18	20	23	26	29	32	38	52
25°	10	14	17	20	23	25	29	32	38	53	68
23.75°	13	16	19	22	25	28	32	38	53	69	95
22.5°	15	18	21	24	27	31	35	52	68	95	149
21.25°	17	20	23	26	30	34	48	65	88	146	203
20°	19	22	25	28	32	43	61	78	136	196	259
18.75°	20	23	27	31	36	55	73	120	182	245	323
17.5°	22	25	29	33	47	66	97	162	226	304	388
16.25°	23	27	31	37	57	76	136	203	277	363	451
15°	24	28	33	46	66	103	172	241	329	420	510
13.75°	26	30	35	55	75	136	206	287	380	474	562
12.5°	27	32	42	63	94	166	238	330	428	522	608
11.25°	28	33	49	70	120	194	276	372	472	565	650
10°	30	34	55	76	145	220	310	411	511	602	683
8.75°	31	39	61	90	166	243	342	445	545	635	712
7.5°	32	44	66	108	185	269	370	476	574	662	732
6.25°	33	48	70	123	201	290	395	501	597	683	749
5°	33	51	73	136	215	308	415	521	617	700	763
3.75°	34	54	76	146	225	323	431	536	632	714	772
2.5°	34	55	78	153	233	333	442	547	643	722	779
1.25°	34	56	79	158	237	340	449	554	649	726	783
0°	34	57	79	159	239	342	452	556	652	728	785
-1.25°	34	56	79	158	237	340	449	554	649	726	783
-2.5°	34	55	78	153	233	333	442	547	643	722	779
-3.75°	34	54	76	146	225	323	431	536	632	714	772
-5°	33	51	73	136	215	308	415	521	617	700	763
-6.25°	33	48	70	123	201	290	395	501	597	683	749
-7.5°	32	44	66	108	185	269	370	476	574	662	732
-8.75°	31	39	61	90	166	243	342	445	545	635	712
-10°	30	34	55	76	145	220	310	411	511	602	683
-11.25°	28	33	49	70	120	194	276	372	472	565	650
-12.5°	27	32	42	63	94	166	238	330	428	522	608
-13.75°	26	30	35	55	75	136	206	287	380	474	562
-15°	24	28	33	46	66	103	172	241	329	420	510
-16.25°	23	27	31	37	57	76	136	203	277	363	451
-17.5°	22	25	29	33	47	66	97	162	226	304	388
-18.75°	20	23	27	31	36	55	73	120	182	245	323
-20°	19	22	25	28	32	43	61	78	136	196	259
-21.25°	17	20	23	26	30	34	48	65	88	146	203



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	15	18	21	24	27	31	35	52	68	95	149
-23.75°	13	16	19	22	25	28	32	38	53	69	95
-25°	10	14	17	20	23	25	29	32	38	53	68
-26.25°	9	11	15	18	20	23	26	29	32	38	52
-27.5°	8	9	12	15	18	21	23	26	29	32	35
-28.75°	8	8	9	12	15	18	21	23	25	28	31
-30°	7	8	8	10	13	15	18	20	23	25	27
-31.25°	7	7	8	8	10	12	15	18	20	22	24
-32.5°	6	7	7	8	8	9	12	15	17	19	21
-33.75°	6	6	7	7	8	8	9	11	14	16	18
-35°	5	6	6	7	7	8	8	9	10	13	15
-36.25°	5	5	6	6	7	7	8	8	8	9	11
-37.5°	5	5	5	6	6	7	7	7	8	8	9
-38.75°	5	5	5	5	6	6	6	7	7	8	8
-40°	5	5	5	5	5	6	6	6	7	7	7
-41.25°	5	5	5	5	5	5	5	6	6	6	7
-42.5°	5	5	5	5	5	5	5	5	5	6	6
-43.75°	4	5	5	5	5	5	5	5	5	5	5
-45°	4	4	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	4	5	5	5
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-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°	1	1	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	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	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	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	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	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	5	5	5
51.25°	4	4	4	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	6	6	6	6	6
45°	5	5	5	6	6	6	6	6	7	7	7
43.75°	6	6	6	6	7	7	7	7	7	7	8
42.5°	6	6	7	7	7	7	8	8	8	8	8
41.25°	7	7	7	8	8	8	8	9	9	10	11
40°	8	8	8	8	9	10	11	12	13	14	15
38.75°	8	9	9	11	12	14	15	16	17	18	19
37.5°	9	11	13	15	16	18	19	20	21	22	22
36.25°	13	15	17	18	20	21	22	23	24	25	26
35°	17	19	20	22	23	24	26	27	28	30	31



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	20	22	23	25	27	28	30	32	33	34	39
32.5°	23	25	27	29	31	33	35	42	49	55	61
31.25°	26	28	31	33	37	46	55	63	70	76	90
30°	30	32	36	47	57	66	75	94	120	145	166
28.75°	34	43	55	66	76	103	136	166	194	220	243
27.5°	48	61	73	97	136	172	206	238	276	310	342
26.25°	65	78	120	162	203	241	287	330	372	411	445
25°	88	136	182	226	277	329	380	428	472	511	545
23.75°	146	196	245	304	363	420	474	522	565	602	635
22.5°	203	259	323	388	451	510	562	608	650	683	712
21.25°	263	332	403	472	534	591	641	683	719	745	768
20°	332	408	482	549	610	664	709	742	771	794	816
18.75°	403	482	554	619	676	723	759	788	816	843	870
17.5°	472	549	619	680	730	768	800	833	865	898	931
16.25°	534	610	676	730	771	806	843	881	921	960	1005
15°	591	664	723	768	806	846	889	935	985	1037	1092
13.75°	641	709	759	800	843	889	940	997	1060	1125	1206
12.5°	683	742	788	833	881	935	997	1067	1147	1243	1363
11.25°	719	771	816	865	921	985	1060	1147	1259	1396	1551
10°	745	794	843	898	960	1037	1125	1243	1396	1573	1789
8.75°	768	816	870	931	1005	1092	1206	1363	1551	1789	2088
7.5°	786	837	894	961	1047	1150	1296	1487	1727	2043	2452
6.25°	801	855	918	994	1087	1210	1385	1606	1911	2321	2873
5°	814	871	938	1021	1121	1270	1474	1739	2106	2615	3325
3.75°	825	884	954	1044	1158	1325	1546	1846	2284	2917	3771
2.5°	833	894	967	1062	1185	1365	1602	1948	2445	3165	4115
1.25°	838	900	976	1073	1201	1390	1645	2013	2543	3319	4348
0°	839	902	979	1076	1207	1398	1660	2035	2576	3371	4431
-1.25°	838	900	976	1073	1201	1390	1645	2013	2543	3319	4348
-2.5°	833	894	967	1062	1185	1365	1602	1948	2445	3165	4115
-3.75°	825	884	954	1044	1158	1325	1546	1846	2284	2917	3771
-5°	814	871	938	1021	1121	1270	1474	1739	2106	2615	3325
-6.25°	801	855	918	994	1087	1210	1385	1606	1911	2321	2873
-7.5°	786	837	894	961	1047	1150	1296	1487	1727	2043	2452
-8.75°	768	816	870	931	1005	1092	1206	1363	1551	1789	2088
-10°	745	794	843	898	960	1037	1125	1243	1396	1573	1789
-11.25°	719	771	816	865	921	985	1060	1147	1259	1396	1551
-12.5°	683	742	788	833	881	935	997	1067	1147	1243	1363
-13.75°	641	709	759	800	843	889	940	997	1060	1125	1206
-15°	591	664	723	768	806	846	889	935	985	1037	1092
-16.25°	534	610	676	730	771	806	843	881	921	960	1005
-17.5°	472	549	619	680	730	768	800	833	865	898	931
-18.75°	403	482	554	619	676	723	759	788	816	843	870
-20°	332	408	482	549	610	664	709	742	771	794	816
-21.25°	263	332	403	472	534	591	641	683	719	745	768



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	203	259	323	388	451	510	562	608	650	683	712
-23.75°	146	196	245	304	363	420	474	522	565	602	635
-25°	88	136	182	226	277	329	380	428	472	511	545
-26.25°	65	78	120	162	203	241	287	330	372	411	445
-27.5°	48	61	73	97	136	172	206	238	276	310	342
-28.75°	34	43	55	66	76	103	136	166	194	220	243
-30°	30	32	36	47	57	66	75	94	120	145	166
-31.25°	26	28	31	33	37	46	55	63	70	76	90
-32.5°	23	25	27	29	31	33	35	42	49	55	61
-33.75°	20	22	23	25	27	28	30	32	33	34	39
-35°	17	19	20	22	23	24	26	27	28	30	31
-36.25°	13	15	17	18	20	21	22	23	24	25	26
-37.5°	9	11	13	15	16	18	19	20	21	22	22
-38.75°	8	9	9	11	12	14	15	16	17	18	19
-40°	8	8	8	8	9	10	11	12	13	14	15
-41.25°	7	7	7	8	8	8	8	9	9	10	11
-42.5°	6	6	7	7	7	7	8	8	8	8	8
-43.75°	6	6	6	6	7	7	7	7	7	7	8
-45°	5	5	5	6	6	6	6	6	7	7	7
-46.25°	5	5	5	5	5	5	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	4	4	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	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°	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°	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°	1	1	1	1	1	1	1	1	2	2	2
-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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	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°	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°	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	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	6	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	8	8	8	8	8	8	8	8	8	8	8
42.5°	8	9	9	9	9	9	9	9	9	9	9
41.25°	11	12	12	13	13	13	13	13	13	13	12
40°	16	16	17	17	17	18	18	18	17	17	17
38.75°	19	20	20	21	21	21	21	21	21	21	20
37.5°	23	24	24	24	25	25	25	25	25	24	24
36.25°	27	28	28	29	29	30	30	30	29	29	28
35°	32	33	33	34	34	34	34	34	34	34	33



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	44	48	51	54	55	56	57	56	55	54	51
32.5°	66	70	73	76	78	79	79	79	78	76	73
31.25°	108	123	136	146	153	158	159	158	153	146	136
30°	185	201	215	225	233	237	239	237	233	225	215
28.75°	269	290	308	323	333	340	342	340	333	323	308
27.5°	370	395	415	431	442	449	452	449	442	431	415
26.25°	476	501	521	536	547	554	556	554	547	536	521
25°	574	597	617	632	643	649	652	649	643	632	617
23.75°	662	683	700	714	722	726	728	726	722	714	700
22.5°	732	749	763	772	779	783	785	783	779	772	763
21.25°	786	801	814	825	833	838	839	838	833	825	814
20°	837	855	871	884	894	900	902	900	894	884	871
18.75°	894	918	938	954	967	976	979	976	967	954	938
17.5°	961	994	1021	1044	1062	1073	1076	1073	1062	1044	1021
16.25°	1047	1087	1121	1158	1185	1201	1207	1201	1185	1158	1121
15°	1150	1210	1270	1325	1365	1390	1398	1390	1365	1325	1270
13.75°	1296	1385	1474	1546	1602	1645	1660	1645	1602	1546	1474
12.5°	1487	1606	1739	1846	1948	2013	2035	2013	1948	1846	1739
11.25°	1727	1911	2106	2284	2445	2543	2576	2543	2445	2284	2106
10°	2043	2321	2615	2917	3165	3319	3371	3319	3165	2917	2615
8.75°	2452	2873	3325	3771	4115	4348	4431	4348	4115	3771	3325
7.5°	2972	3576	4190	4779	5230	5517	5616	5517	5230	4779	4190
6.25°	3576	4355	5140	5821	6354	6697	6816	6697	6354	5821	5140
5°	4190	5140	6029	6819	7437	7839	7981	7839	7437	6819	6029
3.75°	4779	5821	6819	7703	8378	8816	8948	8816	8378	7703	6819
2.5°	5230	6354	7437	8378	9088	9533	9671	9533	9088	8378	7437
1.25°	5517	6697	7839	8816	9533	9971	10119	9971	9533	8816	7839
0°	5616	6816	7981	8948	9671	10119	10319	10119	9671	8948	7981
-1.25°	5517	6697	7839	8816	9533	9971	10119	9971	9533	8816	7839
-2.5°	5230	6354	7437	8378	9088	9533	9671	9533	9088	8378	7437
-3.75°	4779	5821	6819	7703	8378	8816	8948	8816	8378	7703	6819
-5°	4190	5140	6029	6819	7437	7839	7981	7839	7437	6819	6029
-6.25°	3576	4355	5140	5821	6354	6697	6816	6697	6354	5821	5140
-7.5°	2972	3576	4190	4779	5230	5517	5616	5517	5230	4779	4190
-8.75°	2452	2873	3325	3771	4115	4348	4431	4348	4115	3771	3325
-10°	2043	2321	2615	2917	3165	3319	3371	3319	3165	2917	2615
-11.25°	1727	1911	2106	2284	2445	2543	2576	2543	2445	2284	2106
-12.5°	1487	1606	1739	1846	1948	2013	2035	2013	1948	1846	1739
-13.75°	1296	1385	1474	1546	1602	1645	1660	1645	1602	1546	1474
-15°	1150	1210	1270	1325	1365	1390	1398	1390	1365	1325	1270
-16.25°	1047	1087	1121	1158	1185	1201	1207	1201	1185	1158	1121
-17.5°	961	994	1021	1044	1062	1073	1076	1073	1062	1044	1021
-18.75°	894	918	938	954	967	976	979	976	967	954	938
-20°	837	855	871	884	894	900	902	900	894	884	871
-21.25°	786	801	814	825	833	838	839	838	833	825	814



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	732	749	763	772	779	783	785	783	779	772	763
-23.75°	662	683	700	714	722	726	728	726	722	714	700
-25°	574	597	617	632	643	649	652	649	643	632	617
-26.25°	476	501	521	536	547	554	556	554	547	536	521
-27.5°	370	395	415	431	442	449	452	449	442	431	415
-28.75°	269	290	308	323	333	340	342	340	333	323	308
-30°	185	201	215	225	233	237	239	237	233	225	215
-31.25°	108	123	136	146	153	158	159	158	153	146	136
-32.5°	66	70	73	76	78	79	79	79	78	76	73
-33.75°	44	48	51	54	55	56	57	56	55	54	51
-35°	32	33	33	34	34	34	34	34	34	34	33
-36.25°	27	28	28	29	29	30	30	30	29	29	28
-37.5°	23	24	24	24	25	25	25	25	25	24	24
-38.75°	19	20	20	21	21	21	21	21	21	21	20
-40°	16	16	17	17	17	18	18	18	17	17	17
-41.25°	11	12	12	13	13	13	13	13	13	13	12
-42.5°	8	9	9	9	9	9	9	9	9	9	9
-43.75°	8	8	8	8	8	8	8	8	8	8	8
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	5	6	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	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	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°	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°	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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	2	2	2	1	1	1	1	1	1
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°	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	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°	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	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	6	5	5	5	5	5	5	5	5	5	5
46.25°	6	6	6	6	6	6	6	5	5	5	5
45°	7	7	7	7	7	6	6	6	6	6	5
43.75°	8	8	8	7	7	7	7	7	7	6	6
42.5°	9	8	8	8	8	8	8	7	7	7	7
41.25°	12	11	11	10	9	9	8	8	8	8	7
40°	16	16	15	14	13	12	11	10	9	8	8
38.75°	20	19	19	18	17	16	15	14	12	11	9
37.5°	24	23	22	22	21	20	19	18	16	15	13
36.25°	28	27	26	25	24	23	22	21	20	18	17
35°	33	32	31	30	28	27	26	24	23	22	20



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	48	44	39	34	33	32	30	28	27	25	23
32.5°	70	66	61	55	49	42	35	33	31	29	27
31.25°	123	108	90	76	70	63	55	46	37	33	31
30°	201	185	166	145	120	94	75	66	57	47	36
28.75°	290	269	243	220	194	166	136	103	76	66	55
27.5°	395	370	342	310	276	238	206	172	136	97	73
26.25°	501	476	445	411	372	330	287	241	203	162	120
25°	597	574	545	511	472	428	380	329	277	226	182
23.75°	683	662	635	602	565	522	474	420	363	304	245
22.5°	749	732	712	683	650	608	562	510	451	388	323
21.25°	801	786	768	745	719	683	641	591	534	472	403
20°	855	837	816	794	771	742	709	664	610	549	482
18.75°	918	894	870	843	816	788	759	723	676	619	554
17.5°	994	961	931	898	865	833	800	768	730	680	619
16.25°	1087	1047	1005	960	921	881	843	806	771	730	676
15°	1210	1150	1092	1037	985	935	889	846	806	768	723
13.75°	1385	1296	1206	1125	1060	997	940	889	843	800	759
12.5°	1606	1487	1363	1243	1147	1067	997	935	881	833	788
11.25°	1911	1727	1551	1396	1259	1147	1060	985	921	865	816
10°	2321	2043	1789	1573	1396	1243	1125	1037	960	898	843
8.75°	2873	2452	2088	1789	1551	1363	1206	1092	1005	931	870
7.5°	3576	2972	2452	2043	1727	1487	1296	1150	1047	961	894
6.25°	4355	3576	2873	2321	1911	1606	1385	1210	1087	994	918
5°	5140	4190	3325	2615	2106	1739	1474	1270	1121	1021	938
3.75°	5821	4779	3771	2917	2284	1846	1546	1325	1158	1044	954
2.5°	6354	5230	4115	3165	2445	1948	1602	1365	1185	1062	967
1.25°	6697	5517	4348	3319	2543	2013	1645	1390	1201	1073	976
0°	6816	5616	4431	3371	2576	2035	1660	1398	1207	1076	979
-1.25°	6697	5517	4348	3319	2543	2013	1645	1390	1201	1073	976
-2.5°	6354	5230	4115	3165	2445	1948	1602	1365	1185	1062	967
-3.75°	5821	4779	3771	2917	2284	1846	1546	1325	1158	1044	954
-5°	5140	4190	3325	2615	2106	1739	1474	1270	1121	1021	938
-6.25°	4355	3576	2873	2321	1911	1606	1385	1210	1087	994	918
-7.5°	3576	2972	2452	2043	1727	1487	1296	1150	1047	961	894
-8.75°	2873	2452	2088	1789	1551	1363	1206	1092	1005	931	870
-10°	2321	2043	1789	1573	1396	1243	1125	1037	960	898	843
-11.25°	1911	1727	1551	1396	1259	1147	1060	985	921	865	816
-12.5°	1606	1487	1363	1243	1147	1067	997	935	881	833	788
-13.75°	1385	1296	1206	1125	1060	997	940	889	843	800	759
-15°	1210	1150	1092	1037	985	935	889	846	806	768	723
-16.25°	1087	1047	1005	960	921	881	843	806	771	730	676
-17.5°	994	961	931	898	865	833	800	768	730	680	619
-18.75°	918	894	870	843	816	788	759	723	676	619	554
-20°	855	837	816	794	771	742	709	664	610	549	482
-21.25°	801	786	768	745	719	683	641	591	534	472	403



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	749	732	712	683	650	608	562	510	451	388	323
-23.75°	683	662	635	602	565	522	474	420	363	304	245
-25°	597	574	545	511	472	428	380	329	277	226	182
-26.25°	501	476	445	411	372	330	287	241	203	162	120
-27.5°	395	370	342	310	276	238	206	172	136	97	73
-28.75°	290	269	243	220	194	166	136	103	76	66	55
-30°	201	185	166	145	120	94	75	66	57	47	36
-31.25°	123	108	90	76	70	63	55	46	37	33	31
-32.5°	70	66	61	55	49	42	35	33	31	29	27
-33.75°	48	44	39	34	33	32	30	28	27	25	23
-35°	33	32	31	30	28	27	26	24	23	22	20
-36.25°	28	27	26	25	24	23	22	21	20	18	17
-37.5°	24	23	22	22	21	20	19	18	16	15	13
-38.75°	20	19	19	18	17	16	15	14	12	11	9
-40°	16	16	15	14	13	12	11	10	9	8	8
-41.25°	12	11	11	10	9	9	8	8	8	8	7
-42.5°	9	8	8	8	8	8	8	7	7	7	7
-43.75°	8	8	8	7	7	7	7	7	7	6	6
-45°	7	7	7	7	7	6	6	6	6	6	5
-46.25°	6	6	6	6	6	6	6	5	5	5	5
-47.5°	6	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	4
-52.5°	5	5	5	5	5	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	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	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	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	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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°	2	2	2	2	2	1	1	1	1	1	1
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°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	5	5	5	5	5	5	5
41.25°	7	7	7	6	6	6	5	5	5	5	5
40°	8	8	7	7	7	6	6	6	5	5	5
38.75°	9	8	8	8	7	7	6	6	6	5	5
37.5°	11	9	9	8	8	7	7	7	6	6	5
36.25°	15	13	11	9	8	8	8	7	7	6	6
35°	19	17	15	13	10	9	8	8	7	7	6



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	22	20	18	16	14	11	9	8	8	7	7
32.5°	25	23	21	19	17	15	12	9	8	8	7
31.25°	28	26	24	22	20	18	15	12	10	8	8
30°	32	30	27	25	23	20	18	15	13	10	8
28.75°	43	34	31	28	25	23	21	18	15	12	9
27.5°	61	48	35	32	29	26	23	21	18	15	12
26.25°	78	65	52	38	32	29	26	23	20	18	15
25°	136	88	68	53	38	32	29	25	23	20	17
23.75°	196	146	95	69	53	38	32	28	25	22	19
22.5°	259	203	149	95	68	52	35	31	27	24	21
21.25°	332	263	203	146	88	65	48	34	30	26	23
20°	408	332	259	196	136	78	61	43	32	28	25
18.75°	482	403	323	245	182	120	73	55	36	31	27
17.5°	549	472	388	304	226	162	97	66	47	33	29
16.25°	610	534	451	363	277	203	136	76	57	37	31
15°	664	591	510	420	329	241	172	103	66	46	33
13.75°	709	641	562	474	380	287	206	136	75	55	35
12.5°	742	683	608	522	428	330	238	166	94	63	42
11.25°	771	719	650	565	472	372	276	194	120	70	49
10°	794	745	683	602	511	411	310	220	145	76	55
8.75°	816	768	712	635	545	445	342	243	166	90	61
7.5°	837	786	732	662	574	476	370	269	185	108	66
6.25°	855	801	749	683	597	501	395	290	201	123	70
5°	871	814	763	700	617	521	415	308	215	136	73
3.75°	884	825	772	714	632	536	431	323	225	146	76
2.5°	894	833	779	722	643	547	442	333	233	153	78
1.25°	900	838	783	726	649	554	449	340	237	158	79
0°	902	839	785	728	652	556	452	342	239	159	79
-1.25°	900	838	783	726	649	554	449	340	237	158	79
-2.5°	894	833	779	722	643	547	442	333	233	153	78
-3.75°	884	825	772	714	632	536	431	323	225	146	76
-5°	871	814	763	700	617	521	415	308	215	136	73
-6.25°	855	801	749	683	597	501	395	290	201	123	70
-7.5°	837	786	732	662	574	476	370	269	185	108	66
-8.75°	816	768	712	635	545	445	342	243	166	90	61
-10°	794	745	683	602	511	411	310	220	145	76	55
-11.25°	771	719	650	565	472	372	276	194	120	70	49
-12.5°	742	683	608	522	428	330	238	166	94	63	42
-13.75°	709	641	562	474	380	287	206	136	75	55	35
-15°	664	591	510	420	329	241	172	103	66	46	33
-16.25°	610	534	451	363	277	203	136	76	57	37	31
-17.5°	549	472	388	304	226	162	97	66	47	33	29
-18.75°	482	403	323	245	182	120	73	55	36	31	27
-20°	408	332	259	196	136	78	61	43	32	28	25
-21.25°	332	263	203	146	88	65	48	34	30	26	23



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	259	203	149	95	68	52	35	31	27	24	21
-23.75°	196	146	95	69	53	38	32	28	25	22	19
-25°	136	88	68	53	38	32	29	25	23	20	17
-26.25°	78	65	52	38	32	29	26	23	20	18	15
-27.5°	61	48	35	32	29	26	23	21	18	15	12
-28.75°	43	34	31	28	25	23	21	18	15	12	9
-30°	32	30	27	25	23	20	18	15	13	10	8
-31.25°	28	26	24	22	20	18	15	12	10	8	8
-32.5°	25	23	21	19	17	15	12	9	8	8	7
-33.75°	22	20	18	16	14	11	9	8	8	7	7
-35°	19	17	15	13	10	9	8	8	7	7	6
-36.25°	15	13	11	9	8	8	8	7	7	6	6
-37.5°	11	9	9	8	8	7	7	7	6	6	5
-38.75°	9	8	8	8	7	7	6	6	6	5	5
-40°	8	8	7	7	7	6	6	6	5	5	5
-41.25°	7	7	7	6	6	6	5	5	5	5	5
-42.5°	6	6	6	6	5	5	5	5	5	5	5
-43.75°	6	6	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	4	4
-47.5°	5	5	5	5	5	5	5	4	4	4	4
-48.75°	5	5	5	5	5	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	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	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	3	3
-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°	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	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	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°	3	3	3	3	3	3	3	3	3	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	2
55°	4	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	4	4	4	4	4	4	4	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	4	3	3
47.5°	4	4	4	4	4	4	4	4	4	4	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	5	4	4	4	4	4	4	4	4	4	4
42.5°	5	5	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	4	4	4	4	4	4	4
40°	5	5	5	5	5	4	4	4	4	4	4
38.75°	5	5	5	5	5	5	4	4	4	4	4
37.5°	5	5	5	5	5	5	5	4	4	4	4
36.25°	5	5	5	5	5	5	5	4	4	4	4
35°	6	5	5	5	5	5	5	5	4	4	4



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	6	6	5	5	5	5	5	5	5	4	4
32.5°	7	6	6	5	5	5	5	5	5	5	4
31.25°	7	7	6	6	5	5	5	5	5	5	4
30°	8	7	7	6	6	5	5	5	5	5	5
28.75°	8	8	7	7	6	6	5	5	5	5	5
27.5°	9	8	8	7	6	6	5	5	5	5	5
26.25°	11	9	8	7	7	6	6	5	5	5	5
25°	14	10	8	8	7	7	6	5	5	5	5
23.75°	16	13	9	8	8	7	6	6	5	5	5
22.5°	18	15	11	9	8	7	7	6	5	5	5
21.25°	20	17	13	9	8	8	7	6	6	5	5
20°	22	19	15	11	9	8	7	6	6	5	5
18.75°	23	20	17	13	9	8	7	7	6	5	5
17.5°	25	22	18	15	11	8	8	7	6	6	5
16.25°	27	23	20	16	12	9	8	7	7	6	5
15°	28	24	21	18	14	10	8	7	7	6	5
13.75°	30	26	22	19	15	11	8	8	7	6	6
12.5°	32	27	23	20	16	12	9	8	7	6	6
11.25°	33	28	24	21	17	13	9	8	7	7	6
10°	34	30	25	22	18	14	10	8	7	7	6
8.75°	39	31	26	22	19	15	11	8	8	7	6
7.5°	44	32	27	23	19	16	11	8	8	7	6
6.25°	48	33	28	24	20	16	12	9	8	7	6
5°	51	33	28	24	20	17	12	9	8	7	6
3.75°	54	34	29	24	21	17	13	9	8	7	6
2.5°	55	34	29	25	21	17	13	9	8	7	6
1.25°	56	34	30	25	21	18	13	9	8	7	6
0°	57	34	30	25	21	18	13	9	8	7	6
-1.25°	56	34	30	25	21	18	13	9	8	7	6
-2.5°	55	34	29	25	21	17	13	9	8	7	6
-3.75°	54	34	29	24	21	17	13	9	8	7	6
-5°	51	33	28	24	20	17	12	9	8	7	6
-6.25°	48	33	28	24	20	16	12	9	8	7	6
-7.5°	44	32	27	23	19	16	11	8	8	7	6
-8.75°	39	31	26	22	19	15	11	8	8	7	6
-10°	34	30	25	22	18	14	10	8	7	7	6
-11.25°	33	28	24	21	17	13	9	8	7	7	6
-12.5°	32	27	23	20	16	12	9	8	7	6	6
-13.75°	30	26	22	19	15	11	8	8	7	6	6
-15°	28	24	21	18	14	10	8	7	7	6	5
-16.25°	27	23	20	16	12	9	8	7	7	6	5
-17.5°	25	22	18	15	11	8	8	7	6	6	5
-18.75°	23	20	17	13	9	8	7	7	6	5	5
-20°	22	19	15	11	9	8	7	6	6	5	5
-21.25°	20	17	13	9	8	8	7	6	6	5	5



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	18	15	11	9	8	7	7	6	5	5	5
-23.75°	16	13	9	8	8	7	6	6	5	5	5
-25°	14	10	8	8	7	7	6	5	5	5	5
-26.25°	11	9	8	7	7	6	6	5	5	5	5
-27.5°	9	8	8	7	6	6	5	5	5	5	5
-28.75°	8	8	7	7	6	6	5	5	5	5	5
-30°	8	7	7	6	6	5	5	5	5	5	5
-31.25°	7	7	6	6	5	5	5	5	5	5	4
-32.5°	7	6	6	5	5	5	5	5	5	5	4
-33.75°	6	6	5	5	5	5	5	5	5	4	4
-35°	6	5	5	5	5	5	5	5	4	4	4
-36.25°	5	5	5	5	5	5	5	4	4	4	4
-37.5°	5	5	5	5	5	5	5	4	4	4	4
-38.75°	5	5	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	4
-41.25°	5	5	5	5	4	4	4	4	4	4	4
-42.5°	5	5	4	4	4	4	4	4	4	4	4
-43.75°	5	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	3
-48.75°	4	4	4	4	4	4	4	4	4	3	3
-50°	4	4	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	3
-53.75°	4	4	4	3	3	3	3	3	3	3	3
-55°	4	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	2
-57.5°	3	3	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	1
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	2	2	2	2	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
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°	3	3	3	3	3	3	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	2	2	2	2
45°	4	3	3	3	3	3	3	3	2	2	2
43.75°	4	4	3	3	3	3	3	3	3	2	2
42.5°	4	4	3	3	3	3	3	3	3	2	2
41.25°	4	4	4	3	3	3	3	3	3	3	2
40°	4	4	4	4	3	3	3	3	3	3	2
38.75°	4	4	4	4	3	3	3	3	3	3	3
37.5°	4	4	4	4	4	3	3	3	3	3	3
36.25°	4	4	4	4	4	4	3	3	3	3	3
35°	4	4	4	4	4	4	3	3	3	3	3



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	4	4	4	4	4	4	4	3	3	3	3
32.5°	4	4	4	4	4	4	4	3	3	3	3
31.25°	4	4	4	4	4	4	4	3	3	3	3
30°	4	4	4	4	4	4	4	4	3	3	3
28.75°	4	4	4	4	4	4	4	4	3	3	3
27.5°	5	4	4	4	4	4	4	4	4	3	3
26.25°	5	4	4	4	4	4	4	4	4	3	3
25°	5	5	4	4	4	4	4	4	4	3	3
23.75°	5	5	4	4	4	4	4	4	4	3	3
22.5°	5	5	4	4	4	4	4	4	4	4	3
21.25°	5	5	5	4	4	4	4	4	4	4	3
20°	5	5	5	4	4	4	4	4	4	4	3
18.75°	5	5	5	4	4	4	4	4	4	4	3
17.5°	5	5	5	5	4	4	4	4	4	4	4
16.25°	5	5	5	5	4	4	4	4	4	4	4
15°	5	5	5	5	4	4	4	4	4	4	4
13.75°	5	5	5	5	4	4	4	4	4	4	4
12.5°	5	5	5	5	4	4	4	4	4	4	4
11.25°	5	5	5	5	5	4	4	4	4	4	4
10°	5	5	5	5	5	4	4	4	4	4	4
8.75°	5	5	5	5	5	4	4	4	4	4	4
7.5°	5	5	5	5	5	4	4	4	4	4	4
6.25°	6	5	5	5	5	4	4	4	4	4	4
5°	6	5	5	5	5	4	4	4	4	4	4
3.75°	6	5	5	5	5	4	4	4	4	4	4
2.5°	6	5	5	5	5	4	4	4	4	4	4
1.25°	6	5	5	5	5	4	4	4	4	4	4
0°	6	5	5	5	5	4	4	4	4	4	4
-1.25°	6	5	5	5	5	4	4	4	4	4	4
-2.5°	6	5	5	5	5	4	4	4	4	4	4
-3.75°	6	5	5	5	5	4	4	4	4	4	4
-5°	6	5	5	5	5	4	4	4	4	4	4
-6.25°	6	5	5	5	5	4	4	4	4	4	4
-7.5°	5	5	5	5	5	4	4	4	4	4	4
-8.75°	5	5	5	5	5	4	4	4	4	4	4
-10°	5	5	5	5	5	4	4	4	4	4	4
-11.25°	5	5	5	5	5	4	4	4	4	4	4
-12.5°	5	5	5	5	4	4	4	4	4	4	4
-13.75°	5	5	5	5	4	4	4	4	4	4	4
-15°	5	5	5	5	4	4	4	4	4	4	4
-16.25°	5	5	5	5	4	4	4	4	4	4	4
-17.5°	5	5	5	5	4	4	4	4	4	4	4
-18.75°	5	5	5	4	4	4	4	4	4	4	3
-20°	5	5	5	4	4	4	4	4	4	4	3
-21.25°	5	5	5	4	4	4	4	4	4	4	3



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	5	5	4	4	4	4	4	4	4	4	3
-23.75°	5	5	4	4	4	4	4	4	4	3	3
-25°	5	5	4	4	4	4	4	4	4	3	3
-26.25°	5	4	4	4	4	4	4	4	4	3	3
-27.5°	5	4	4	4	4	4	4	4	4	3	3
-28.75°	4	4	4	4	4	4	4	4	3	3	3
-30°	4	4	4	4	4	4	4	4	3	3	3
-31.25°	4	4	4	4	4	4	4	3	3	3	3
-32.5°	4	4	4	4	4	4	4	3	3	3	3
-33.75°	4	4	4	4	4	4	4	3	3	3	3
-35°	4	4	4	4	4	4	3	3	3	3	3
-36.25°	4	4	4	4	4	4	3	3	3	3	3
-37.5°	4	4	4	4	4	3	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	3
-40°	4	4	4	4	3	3	3	3	3	3	2
-41.25°	4	4	4	3	3	3	3	3	3	3	2
-42.5°	4	4	3	3	3	3	3	3	3	2	2
-43.75°	4	4	3	3	3	3	3	3	3	2	2
-45°	4	3	3	3	3	3	3	3	2	2	2
-46.25°	3	3	3	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	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	1
-61.25°	2	2	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	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	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	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	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	1	1	1	1	1	1
47.5°	2	2	2	2	2	2	1	1	1	1	1
46.25°	2	2	2	2	2	2	1	1	1	1	1
45°	2	2	2	2	2	2	2	1	1	1	1
43.75°	2	2	2	2	2	2	2	1	1	1	1
42.5°	2	2	2	2	2	2	2	1	1	1	1
41.25°	2	2	2	2	2	2	2	2	1	1	1
40°	2	2	2	2	2	2	2	2	1	1	1
38.75°	2	2	2	2	2	2	2	2	1	1	1
37.5°	2	2	2	2	2	2	2	2	2	1	1
36.25°	3	2	2	2	2	2	2	2	2	1	1
35°	3	2	2	2	2	2	2	2	2	1	1



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	1	1
32.5°	3	3	2	2	2	2	2	2	2	2	1
31.25°	3	3	2	2	2	2	2	2	2	2	1
30°	3	3	2	2	2	2	2	2	2	2	1
28.75°	3	3	3	2	2	2	2	2	2	2	1
27.5°	3	3	3	2	2	2	2	2	2	2	1
26.25°	3	3	3	2	2	2	2	2	2	2	1
25°	3	3	3	2	2	2	2	2	2	2	2
23.75°	3	3	3	2	2	2	2	2	2	2	2
22.5°	3	3	3	3	2	2	2	2	2	2	2
21.25°	3	3	3	3	2	2	2	2	2	2	2
20°	3	3	3	3	2	2	2	2	2	2	2
18.75°	3	3	3	3	2	2	2	2	2	2	2
17.5°	3	3	3	3	2	2	2	2	2	2	2
16.25°	3	3	3	3	2	2	2	2	2	2	2
15°	3	3	3	3	3	2	2	2	2	2	2
13.75°	3	3	3	3	3	2	2	2	2	2	2
12.5°	3	3	3	3	3	2	2	2	2	2	2
11.25°	3	3	3	3	3	2	2	2	2	2	2
10°	3	3	3	3	3	2	2	2	2	2	2
8.75°	3	3	3	3	3	2	2	2	2	2	2
7.5°	4	3	3	3	3	2	2	2	2	2	2
6.25°	4	3	3	3	3	2	2	2	2	2	2
5°	4	3	3	3	3	2	2	2	2	2	2
3.75°	4	3	3	3	3	2	2	2	2	2	2
2.5°	4	3	3	3	3	2	2	2	2	2	2
1.25°	4	3	3	3	3	2	2	2	2	2	2
0°	4	3	3	3	3	2	2	2	2	2	2
-1.25°	4	3	3	3	3	2	2	2	2	2	2
-2.5°	4	3	3	3	3	2	2	2	2	2	2
-3.75°	4	3	3	3	3	2	2	2	2	2	2
-5°	4	3	3	3	3	2	2	2	2	2	2
-6.25°	4	3	3	3	3	2	2	2	2	2	2
-7.5°	4	3	3	3	3	2	2	2	2	2	2
-8.75°	3	3	3	3	3	2	2	2	2	2	2
-10°	3	3	3	3	3	2	2	2	2	2	2
-11.25°	3	3	3	3	3	2	2	2	2	2	2
-12.5°	3	3	3	3	3	2	2	2	2	2	2
-13.75°	3	3	3	3	3	2	2	2	2	2	2
-15°	3	3	3	3	3	2	2	2	2	2	2
-16.25°	3	3	3	3	2	2	2	2	2	2	2
-17.5°	3	3	3	3	2	2	2	2	2	2	2
-18.75°	3	3	3	3	2	2	2	2	2	2	2
-20°	3	3	3	3	2	2	2	2	2	2	2
-21.25°	3	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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	3	3	3	2	2	2	2	2	2	2
-23.75°	3	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	1
-27.5°	3	3	3	2	2	2	2	2	2	2	1
-28.75°	3	3	3	2	2	2	2	2	2	2	1
-30°	3	3	2	2	2	2	2	2	2	2	1
-31.25°	3	3	2	2	2	2	2	2	2	2	1
-32.5°	3	3	2	2	2	2	2	2	2	2	1
-33.75°	3	2	2	2	2	2	2	2	2	1	1
-35°	3	2	2	2	2	2	2	2	2	1	1
-36.25°	3	2	2	2	2	2	2	2	2	1	1
-37.5°	2	2	2	2	2	2	2	2	2	1	1
-38.75°	2	2	2	2	2	2	2	2	1	1	1
-40°	2	2	2	2	2	2	2	2	1	1	1
-41.25°	2	2	2	2	2	2	2	2	1	1	1
-42.5°	2	2	2	2	2	2	2	1	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	2	1	1	1	1
-46.25°	2	2	2	2	2	2	1	1	1	1	1
-47.5°	2	2	2	2	2	2	1	1	1	1	1
-48.75°	2	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	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	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	1	1	1	1	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	1	1	1	1	1	1	1	1	1	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	1	1	1	1	1	1	1	1	0	0
5°	2	1	1	1	1	1	1	1	1	0	0
3.75°	2	1	1	1	1	1	1	1	1	0	0
2.5°	2	1	1	1	1	1	1	1	1	0	0
1.25°	2	1	1	1	1	1	1	1	1	0	0
0°	2	1	1	1	1	1	1	1	1	0	0
-1.25°	2	1	1	1	1	1	1	1	1	0	0
-2.5°	2	1	1	1	1	1	1	1	1	0	0
-3.75°	2	1	1	1	1	1	1	1	1	0	0
-5°	2	1	1	1	1	1	1	1	1	0	0
-6.25°	2	1	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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: P220656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-S-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)