

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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29478)
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-F-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD
OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

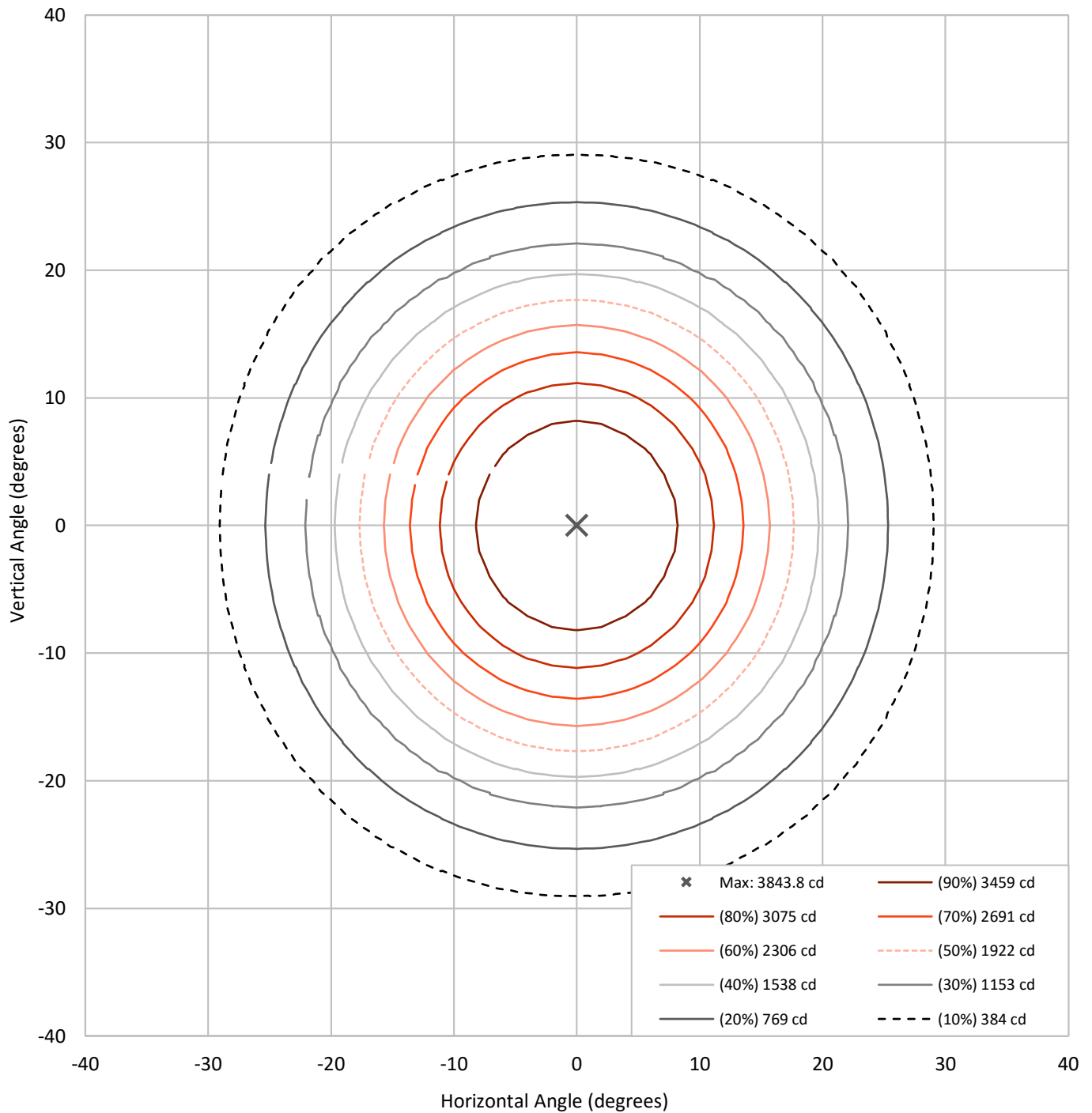
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1429.8 lumens	Max Intensity:	3843.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.4°H x 35.4°V	Field Angle (10%):	58.1°H x 58.1°V
Beam Lumens:	856.5 lumens	Field Lumens:	1342.2 lumens
Beam Efficiency:	59.9%	Field Efficiency:	93.9%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

Iso-Candela Plot





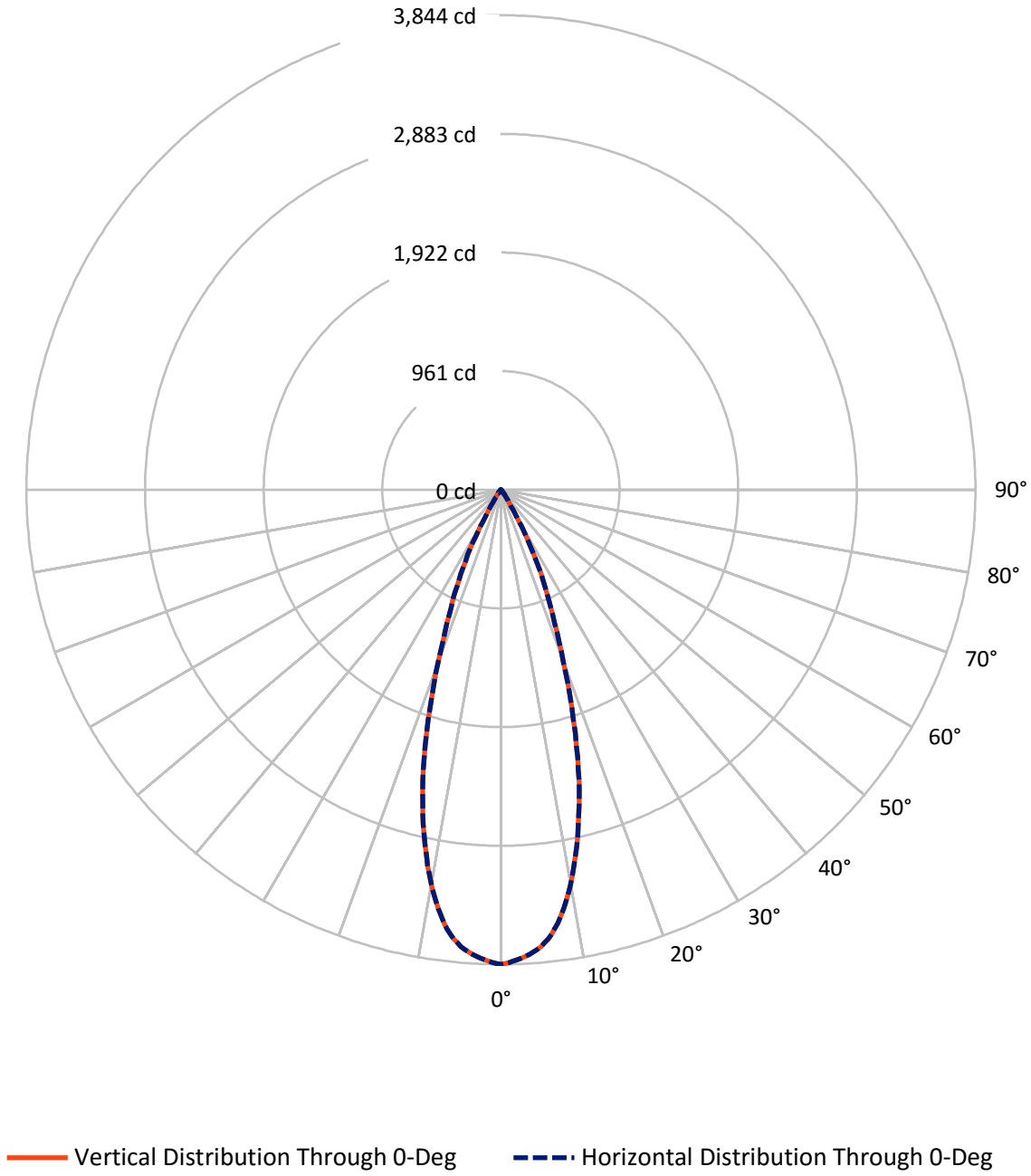
REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-BK-L2-UNV

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	0.0
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	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	0.0	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
40		0.0	0.0	0.1	0.1	0.4	1.2	2.5	2.5	1.2	0.4	0.1	0.1	0.0	0.0
30	0.0	0.0	0.0	0.1	0.4	2.6	12.3	22.9	22.9	12.3	2.6	0.4	0.1	0.0	0.0
20		0.0	0.1	0.1	1.1	11.6	39.1	67.4	67.4	39.1	11.6	1.1	0.1	0.1	0.0
10	0.0	0.0	0.1	0.2	2.1	21.0	65.5	104.6	104.6	65.5	21.0	2.1	0.2	0.1	0.0
0		0.0	0.1	0.2	2.1	21.0	65.5	104.6	104.6	65.5	21.0	2.1	0.2	0.1	0.0
-10	0.0	0.0	0.1	0.1	1.1	11.6	39.1	67.4	67.4	39.1	11.6	1.1	0.1	0.1	0.0
-20		0.0	0.0	0.1	0.4	2.6	12.3	22.9	22.9	12.3	2.6	0.4	0.1	0.0	0.0
-30	0.0	0.0	0.0	0.1	0.1	0.4	1.2	2.5	2.5	1.2	0.4	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-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	

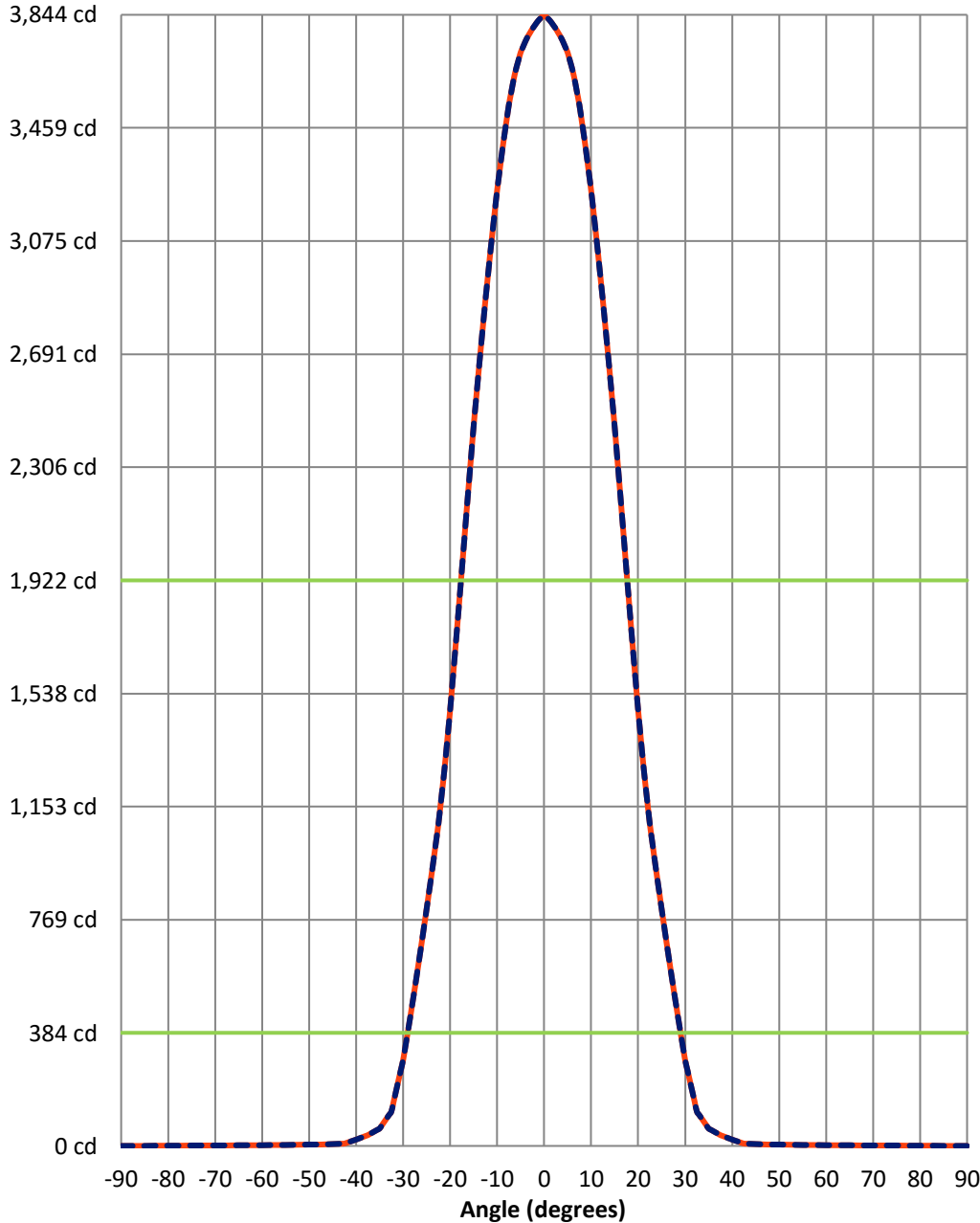
REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 35.4°
 V Angle: 35.4°
 Lumens: 856.5
 Efficiency: 59.9%

Field:
 H Angle: 58.1°
 V Angle: 58.1°
 Lumens: 1342.2
 Efficiency: 93.9%

Spill:
 Lumens: 87.6
 Efficiency: 6.1%

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	0	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	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	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	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	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	1
73.75°	0	0	0	0	0	0	0	0	0	1	1
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	0	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	0	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	2	2
-23.75°	1	1	2	2	2	2	2	2	2	2	2
-25°	1	1	2	2	2	2	2	2	2	2	2
-26.25°	1	1	1	2	2	2	2	2	2	2	2
-27.5°	1	1	1	2	2	2	2	2	2	2	2
-28.75°	1	1	1	2	2	2	2	2	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	1	1	1	1	1	1	1
-70°	0	0	0	0	0	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	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	1	1
-75°	0	0	0	0	0	0	0	0	0	0	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	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	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	2	3	3	3
31.25°	2	2	2	2	2	2	2	3	3	3	3
30°	2	2	2	2	2	2	2	3	3	3	3
28.75°	2	2	2	2	2	2	2	3	3	3	3
27.5°	2	2	2	2	2	2	3	3	3	3	3
26.25°	2	2	2	2	2	2	3	3	3	3	3
25°	2	2	2	2	2	2	3	3	3	3	3
23.75°	2	2	2	2	2	3	3	3	3	3	4
22.5°	2	2	2	2	2	3	3	3	3	3	4
21.25°	2	2	2	2	2	3	3	3	3	3	4
20°	2	2	2	2	3	3	3	3	3	4	4
18.75°	2	2	2	2	3	3	3	3	3	4	4
17.5°	2	2	2	2	3	3	3	3	3	4	4
16.25°	2	2	2	2	3	3	3	3	3	4	4
15°	2	2	2	2	3	3	3	3	4	4	4
13.75°	2	2	2	2	3	3	3	3	4	4	4
12.5°	2	2	2	3	3	3	3	3	4	4	4
11.25°	2	2	2	3	3	3	3	3	4	4	5
10°	2	2	2	3	3	3	3	3	4	4	5
8.75°	2	2	2	3	3	3	3	3	4	4	5
7.5°	2	2	2	3	3	3	3	3	4	4	5
6.25°	2	2	2	3	3	3	3	4	4	4	5
5°	2	2	2	3	3	3	3	4	4	4	5
3.75°	2	2	2	3	3	3	3	4	4	4	5
2.5°	2	2	2	3	3	3	3	4	4	4	5
1.25°	2	2	2	3	3	3	3	4	4	4	5
0°	2	2	2	3	3	3	3	4	4	4	5
-1.25°	2	2	2	3	3	3	3	4	4	4	5
-2.5°	2	2	2	3	3	3	3	4	4	4	5
-3.75°	2	2	2	3	3	3	3	4	4	4	5
-5°	2	2	2	3	3	3	3	4	4	4	5
-6.25°	2	2	2	3	3	3	3	4	4	4	5
-7.5°	2	2	2	3	3	3	3	3	4	4	5
-8.75°	2	2	2	3	3	3	3	3	4	4	5
-10°	2	2	2	3	3	3	3	3	4	4	5
-11.25°	2	2	2	3	3	3	3	3	4	4	5
-12.5°	2	2	2	3	3	3	3	3	4	4	4
-13.75°	2	2	2	2	3	3	3	3	4	4	4
-15°	2	2	2	2	3	3	3	3	4	4	4
-16.25°	2	2	2	2	3	3	3	3	3	4	4
-17.5°	2	2	2	2	3	3	3	3	3	4	4
-18.75°	2	2	2	2	3	3	3	3	3	4	4
-20°	2	2	2	2	3	3	3	3	3	4	4
-21.25°	2	2	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	2	2	2	2	3	3	3	3	3	4
-23.75°	2	2	2	2	2	3	3	3	3	3	4
-25°	2	2	2	2	2	2	3	3	3	3	3
-26.25°	2	2	2	2	2	2	3	3	3	3	3
-27.5°	2	2	2	2	2	2	3	3	3	3	3
-28.75°	2	2	2	2	2	2	2	3	3	3	3
-30°	2	2	2	2	2	2	2	3	3	3	3
-31.25°	2	2	2	2	2	2	2	3	3	3	3
-32.5°	2	2	2	2	2	2	2	2	3	3	3
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	2	2	2	2	2	2	2	2	2	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	2	3
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	1	1	1	1
-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	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	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	2	3	3	3	3	3
46.25°	2	2	2	2	2	3	3	3	3	3	3
45°	2	2	2	2	3	3	3	3	3	3	3
43.75°	2	2	2	3	3	3	3	3	3	3	3
42.5°	2	2	3	3	3	3	3	3	3	3	4
41.25°	2	3	3	3	3	3	3	3	3	4	4
40°	3	3	3	3	3	3	3	3	4	4	4
38.75°	3	3	3	3	3	3	3	4	4	4	4
37.5°	3	3	3	3	3	3	4	4	4	4	5
36.25°	3	3	3	3	3	4	4	4	4	5	5
35°	3	3	3	3	4	4	4	4	5	5	5



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	3	3	3	4	4	4	4	5	5	5	5
32.5°	3	3	3	4	4	4	5	5	5	5	5
31.25°	3	3	4	4	4	5	5	5	5	5	5
30°	3	3	4	4	4	5	5	5	5	5	6
28.75°	3	4	4	4	5	5	5	5	5	6	6
27.5°	3	4	4	4	5	5	5	5	6	6	7
26.25°	4	4	4	5	5	5	5	5	6	7	7
25°	4	4	4	5	5	5	5	6	6	7	8
23.75°	4	4	5	5	5	5	5	6	7	7	8
22.5°	4	4	5	5	5	5	6	6	7	8	12
21.25°	4	4	5	5	5	5	6	7	7	9	15
20°	4	5	5	5	5	6	6	7	8	12	18
18.75°	4	5	5	5	5	6	7	7	9	15	20
17.5°	4	5	5	5	5	6	7	8	11	17	23
16.25°	5	5	5	5	6	6	7	8	13	19	26
15°	5	5	5	5	6	7	7	9	15	22	29
13.75°	5	5	5	5	6	7	8	11	18	24	31
12.5°	5	5	5	6	6	7	8	13	19	26	33
11.25°	5	5	5	6	6	7	8	15	21	28	35
10°	5	5	5	6	7	7	9	16	23	30	38
8.75°	5	5	5	6	7	8	11	17	24	32	40
7.5°	5	5	5	6	7	8	12	18	26	33	42
6.25°	5	5	5	6	7	8	13	19	27	34	44
5°	5	5	5	6	7	8	13	20	28	35	45
3.75°	5	5	6	6	7	8	14	21	28	36	47
2.5°	5	5	6	6	7	8	14	21	29	36	47
1.25°	5	5	6	6	7	8	15	22	29	37	48
0°	5	5	6	6	7	8	15	22	29	37	48
-1.25°	5	5	6	6	7	8	15	22	29	37	48
-2.5°	5	5	6	6	7	8	14	21	29	36	47
-3.75°	5	5	6	6	7	8	14	21	28	36	47
-5°	5	5	5	6	7	8	13	20	28	35	45
-6.25°	5	5	5	6	7	8	13	19	27	34	44
-7.5°	5	5	5	6	7	8	12	18	26	33	42
-8.75°	5	5	5	6	7	8	11	17	24	32	40
-10°	5	5	5	6	7	7	9	16	23	30	38
-11.25°	5	5	5	6	6	7	8	15	21	28	35
-12.5°	5	5	5	6	6	7	8	13	19	26	33
-13.75°	5	5	5	5	6	7	8	11	18	24	31
-15°	5	5	5	5	6	7	7	9	15	22	29
-16.25°	5	5	5	5	6	6	7	8	13	19	26
-17.5°	4	5	5	5	5	6	7	8	11	17	23
-18.75°	4	5	5	5	5	6	7	7	9	15	20
-20°	4	5	5	5	5	6	6	7	8	12	18
-21.25°	4	4	5	5	5	5	6	7	7	9	15



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	4	4	5	5	5	5	6	6	7	8	12
-23.75°	4	4	5	5	5	5	5	6	7	7	8
-25°	4	4	4	5	5	5	5	6	6	7	8
-26.25°	4	4	4	5	5	5	5	5	6	7	7
-27.5°	3	4	4	4	5	5	5	5	6	6	7
-28.75°	3	4	4	4	5	5	5	5	5	6	6
-30°	3	3	4	4	4	5	5	5	5	5	6
-31.25°	3	3	4	4	4	5	5	5	5	5	5
-32.5°	3	3	3	4	4	4	5	5	5	5	5
-33.75°	3	3	3	4	4	4	4	5	5	5	5
-35°	3	3	3	3	4	4	4	4	5	5	5
-36.25°	3	3	3	3	3	4	4	4	4	5	5
-37.5°	3	3	3	3	3	3	4	4	4	4	5
-38.75°	3	3	3	3	3	3	3	4	4	4	4
-40°	3	3	3	3	3	3	3	3	4	4	4
-41.25°	2	3	3	3	3	3	3	3	3	4	4
-42.5°	2	2	3	3	3	3	3	3	3	3	4
-43.75°	2	2	2	3	3	3	3	3	3	3	3
-45°	2	2	2	2	3	3	3	3	3	3	3
-46.25°	2	2	2	2	2	3	3	3	3	3	3
-47.5°	2	2	2	2	2	2	3	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	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	0	0	0	0	0	0	1	1	1	1	1
-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	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	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	4	4
48.75°	3	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	4	4	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	5	5
45°	3	4	4	4	4	4	4	5	5	5	5
43.75°	4	4	4	4	4	5	5	5	5	5	5
42.5°	4	4	4	5	5	5	5	5	5	5	5
41.25°	4	4	5	5	5	5	5	5	5	5	6
40°	4	5	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	5	5	6	6	6	7	7
37.5°	5	5	5	5	5	6	6	7	7	7	8
36.25°	5	5	5	5	6	6	7	7	8	8	12
35°	5	5	6	6	7	7	7	8	10	14	17



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	5	6	6	7	7	8	8	12	16	19	23
32.5°	6	6	7	7	8	9	13	17	21	25	29
31.25°	6	7	7	8	9	14	18	22	26	31	35
30°	7	7	8	9	14	18	23	27	32	36	43
28.75°	7	8	9	14	18	23	28	33	38	45	51
27.5°	7	8	13	18	23	28	33	39	46	53	60
26.25°	8	12	17	22	27	33	39	46	54	63	81
25°	10	16	21	26	32	38	46	54	64	84	102
23.75°	14	19	25	31	36	45	53	63	84	103	134
22.5°	17	23	29	35	43	51	60	81	102	134	194
21.25°	20	26	33	40	49	57	77	99	127	190	253
20°	24	30	36	45	54	70	93	115	179	245	315
18.75°	27	33	41	51	61	85	108	161	230	300	389
17.5°	30	37	46	56	75	99	136	208	279	368	464
16.25°	33	41	51	63	88	113	179	253	337	435	537
15°	36	45	55	75	100	143	219	295	396	501	608
13.75°	39	49	59	86	112	179	257	348	455	564	676
12.5°	42	53	69	96	133	213	292	398	510	625	742
11.25°	45	56	78	105	162	243	335	446	562	681	803
10°	48	59	86	113	189	271	375	490	610	733	860
8.75°	51	65	93	129	213	298	411	530	654	781	911
7.5°	53	71	99	149	233	327	444	566	692	823	956
6.25°	55	76	105	166	251	352	471	596	726	860	994
5°	56	81	109	179	266	373	495	622	755	891	1027
3.75°	58	84	112	190	277	389	513	643	777	914	1055
2.5°	59	86	115	198	286	402	527	657	793	932	1076
1.25°	59	88	116	203	291	409	535	666	802	942	1089
0°	59	88	117	205	292	412	538	669	805	945	1093
-1.25°	59	88	116	203	291	409	535	666	802	942	1089
-2.5°	59	86	115	198	286	402	527	657	793	932	1076
-3.75°	58	84	112	190	277	389	513	643	777	914	1055
-5°	56	81	109	179	266	373	495	622	755	891	1027
-6.25°	55	76	105	166	251	352	471	596	726	860	994
-7.5°	53	71	99	149	233	327	444	566	692	823	956
-8.75°	51	65	93	129	213	298	411	530	654	781	911
-10°	48	59	86	113	189	271	375	490	610	733	860
-11.25°	45	56	78	105	162	243	335	446	562	681	803
-12.5°	42	53	69	96	133	213	292	398	510	625	742
-13.75°	39	49	59	86	112	179	257	348	455	564	676
-15°	36	45	55	75	100	143	219	295	396	501	608
-16.25°	33	41	51	63	88	113	179	253	337	435	537
-17.5°	30	37	46	56	75	99	136	208	279	368	464
-18.75°	27	33	41	51	61	85	108	161	230	300	389
-20°	24	30	36	45	54	70	93	115	179	245	315
-21.25°	20	26	33	40	49	57	77	99	127	190	253



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	17	23	29	35	43	51	60	81	102	134	194
-23.75°	14	19	25	31	36	45	53	63	84	103	134
-25°	10	16	21	26	32	38	46	54	64	84	102
-26.25°	8	12	17	22	27	33	39	46	54	63	81
-27.5°	7	8	13	18	23	28	33	39	46	53	60
-28.75°	7	8	9	14	18	23	28	33	38	45	51
-30°	7	7	8	9	14	18	23	27	32	36	43
-31.25°	6	7	7	8	9	14	18	22	26	31	35
-32.5°	6	6	7	7	8	9	13	17	21	25	29
-33.75°	5	6	6	7	7	8	8	12	16	19	23
-35°	5	5	6	6	7	7	7	8	10	14	17
-36.25°	5	5	5	5	6	6	7	7	8	8	12
-37.5°	5	5	5	5	5	6	6	7	7	7	8
-38.75°	5	5	5	5	5	5	6	6	6	7	7
-40°	4	5	5	5	5	5	5	5	6	6	6
-41.25°	4	4	5	5	5	5	5	5	5	5	6
-42.5°	4	4	4	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	4	5	5	5	5	5	5
-45°	3	4	4	4	4	4	4	5	5	5	5
-46.25°	3	3	3	4	4	4	4	4	4	5	5
-47.5°	3	3	3	3	3	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	3	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	2	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	5	5	5
48.75°	4	4	4	4	5	5	5	5	5	5	5
47.5°	4	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	6	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	7	7
42.5°	5	6	6	6	6	7	7	7	7	7	8
41.25°	6	6	7	7	7	7	8	8	8	9	11
40°	7	7	7	8	8	9	11	13	15	16	17
38.75°	7	8	9	11	13	15	18	19	21	23	24
37.5°	9	12	15	17	19	22	24	26	28	30	32
36.25°	15	18	20	23	26	29	31	33	35	38	40
35°	20	24	27	30	33	36	39	42	45	48	51



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	26	30	33	37	41	45	49	53	56	59	65
32.5°	33	36	41	46	51	55	59	69	78	86	93
31.25°	40	45	51	56	63	75	86	96	105	113	129
30°	49	54	61	75	88	100	112	133	162	189	213
28.75°	57	70	85	99	113	143	179	213	243	271	298
27.5°	77	93	108	136	179	219	257	292	335	375	411
26.25°	99	115	161	208	253	295	348	398	446	490	530
25°	127	179	230	279	337	396	455	510	562	610	654
23.75°	190	245	300	368	435	501	564	625	681	733	781
22.5°	253	315	389	464	537	608	676	742	803	860	911
21.25°	321	401	481	562	640	717	790	861	926	986	1041
20°	401	487	574	660	744	826	905	979	1050	1122	1194
18.75°	481	574	666	758	848	935	1017	1104	1193	1284	1374
17.5°	562	660	758	855	950	1042	1141	1249	1359	1468	1573
16.25°	640	744	848	950	1051	1160	1284	1413	1541	1665	1782
15°	717	826	935	1042	1160	1295	1440	1586	1730	1865	1995
13.75°	790	905	1017	1141	1284	1440	1602	1762	1919	2069	2206
12.5°	861	979	1104	1249	1413	1586	1762	1937	2106	2263	2404
11.25°	926	1050	1193	1359	1541	1730	1919	2106	2282	2444	2584
10°	986	1122	1284	1468	1665	1865	2069	2263	2444	2603	2748
8.75°	1041	1194	1374	1573	1782	1995	2206	2404	2584	2748	2896
7.5°	1096	1262	1456	1668	1887	2111	2326	2526	2708	2876	3028
6.25°	1143	1324	1532	1753	1982	2212	2431	2630	2816	2986	3143
5°	1187	1379	1596	1824	2062	2295	2514	2716	2904	3080	3238
3.75°	1223	1424	1647	1881	2124	2360	2579	2785	2975	3152	3309
2.5°	1250	1455	1684	1924	2169	2407	2627	2833	3026	3204	3361
1.25°	1266	1475	1707	1950	2197	2436	2655	2862	3057	3236	3392
0°	1271	1481	1715	1958	2206	2446	2665	2872	3067	3247	3403
-1.25°	1266	1475	1707	1950	2197	2436	2655	2862	3057	3236	3392
-2.5°	1250	1455	1684	1924	2169	2407	2627	2833	3026	3204	3361
-3.75°	1223	1424	1647	1881	2124	2360	2579	2785	2975	3152	3309
-5°	1187	1379	1596	1824	2062	2295	2514	2716	2904	3080	3238
-6.25°	1143	1324	1532	1753	1982	2212	2431	2630	2816	2986	3143
-7.5°	1096	1262	1456	1668	1887	2111	2326	2526	2708	2876	3028
-8.75°	1041	1194	1374	1573	1782	1995	2206	2404	2584	2748	2896
-10°	986	1122	1284	1468	1665	1865	2069	2263	2444	2603	2748
-11.25°	926	1050	1193	1359	1541	1730	1919	2106	2282	2444	2584
-12.5°	861	979	1104	1249	1413	1586	1762	1937	2106	2263	2404
-13.75°	790	905	1017	1141	1284	1440	1602	1762	1919	2069	2206
-15°	717	826	935	1042	1160	1295	1440	1586	1730	1865	1995
-16.25°	640	744	848	950	1051	1160	1284	1413	1541	1665	1782
-17.5°	562	660	758	855	950	1042	1141	1249	1359	1468	1573
-18.75°	481	574	666	758	848	935	1017	1104	1193	1284	1374
-20°	401	487	574	660	744	826	905	979	1050	1122	1194
-21.25°	321	401	481	562	640	717	790	861	926	986	1041



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	253	315	389	464	537	608	676	742	803	860	911
-23.75°	190	245	300	368	435	501	564	625	681	733	781
-25°	127	179	230	279	337	396	455	510	562	610	654
-26.25°	99	115	161	208	253	295	348	398	446	490	530
-27.5°	77	93	108	136	179	219	257	292	335	375	411
-28.75°	57	70	85	99	113	143	179	213	243	271	298
-30°	49	54	61	75	88	100	112	133	162	189	213
-31.25°	40	45	51	56	63	75	86	96	105	113	129
-32.5°	33	36	41	46	51	55	59	69	78	86	93
-33.75°	26	30	33	37	41	45	49	53	56	59	65
-35°	20	24	27	30	33	36	39	42	45	48	51
-36.25°	15	18	20	23	26	29	31	33	35	38	40
-37.5°	9	12	15	17	19	22	24	26	28	30	32
-38.75°	7	8	9	11	13	15	18	19	21	23	24
-40°	7	7	7	8	8	9	11	13	15	16	17
-41.25°	6	6	7	7	7	7	8	8	8	9	11
-42.5°	5	6	6	6	6	7	7	7	7	7	8
-43.75°	5	5	5	5	6	6	6	6	6	7	7
-45°	5	5	5	5	5	5	5	6	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	4	4	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	4	5	5	5
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	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	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	6	6	6	6	6	6	6	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	7	7	7	7	7	7	7	7	7	7	7
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	12	13	13	14	14	15	15	15	14	14	13
40°	18	19	20	21	21	22	22	22	21	21	20
38.75°	26	27	28	28	29	29	29	29	29	28	28
37.5°	33	34	35	36	36	37	37	37	36	36	35
36.25°	42	44	45	47	47	48	48	48	47	47	45
35°	53	55	56	58	59	59	59	59	59	58	56



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	71	76	81	84	86	88	88	88	86	84	81
32.5°	99	105	109	112	115	116	117	116	115	112	109
31.25°	149	166	179	190	198	203	205	203	198	190	179
30°	233	251	266	277	286	291	292	291	286	277	266
28.75°	327	352	373	389	402	409	412	409	402	389	373
27.5°	444	471	495	513	527	535	538	535	527	513	495
26.25°	566	596	622	643	657	666	669	666	657	643	622
25°	692	726	755	777	793	802	805	802	793	777	755
23.75°	823	860	891	914	932	942	945	942	932	914	891
22.5°	956	994	1027	1055	1076	1089	1093	1089	1076	1055	1027
21.25°	1096	1143	1187	1223	1250	1266	1271	1266	1250	1223	1187
20°	1262	1324	1379	1424	1455	1475	1481	1475	1455	1424	1379
18.75°	1456	1532	1596	1647	1684	1707	1715	1707	1684	1647	1596
17.5°	1668	1753	1824	1881	1924	1950	1958	1950	1924	1881	1824
16.25°	1887	1982	2062	2124	2169	2197	2206	2197	2169	2124	2062
15°	2111	2212	2295	2360	2407	2436	2446	2436	2407	2360	2295
13.75°	2326	2431	2514	2579	2627	2655	2665	2655	2627	2579	2514
12.5°	2526	2630	2716	2785	2833	2862	2872	2862	2833	2785	2716
11.25°	2708	2816	2904	2975	3026	3057	3067	3057	3026	2975	2904
10°	2876	2986	3080	3152	3204	3236	3247	3236	3204	3152	3080
8.75°	3028	3143	3238	3309	3361	3392	3403	3392	3361	3309	3238
7.5°	3163	3279	3373	3445	3499	3528	3538	3528	3499	3445	3373
6.25°	3279	3393	3489	3559	3607	3634	3644	3634	3607	3559	3489
5°	3373	3489	3580	3644	3685	3708	3716	3708	3685	3644	3580
3.75°	3445	3559	3644	3700	3735	3756	3762	3756	3735	3700	3644
2.5°	3499	3607	3685	3735	3769	3789	3796	3789	3769	3735	3685
1.25°	3528	3634	3708	3756	3789	3813	3825	3813	3789	3756	3708
0°	3538	3644	3716	3762	3796	3825	3844	3825	3796	3762	3716
-1.25°	3528	3634	3708	3756	3789	3813	3825	3813	3789	3756	3708
-2.5°	3499	3607	3685	3735	3769	3789	3796	3789	3769	3735	3685
-3.75°	3445	3559	3644	3700	3735	3756	3762	3756	3735	3700	3644
-5°	3373	3489	3580	3644	3685	3708	3716	3708	3685	3644	3580
-6.25°	3279	3393	3489	3559	3607	3634	3644	3634	3607	3559	3489
-7.5°	3163	3279	3373	3445	3499	3528	3538	3528	3499	3445	3373
-8.75°	3028	3143	3238	3309	3361	3392	3403	3392	3361	3309	3238
-10°	2876	2986	3080	3152	3204	3236	3247	3236	3204	3152	3080
-11.25°	2708	2816	2904	2975	3026	3057	3067	3057	3026	2975	2904
-12.5°	2526	2630	2716	2785	2833	2862	2872	2862	2833	2785	2716
-13.75°	2326	2431	2514	2579	2627	2655	2665	2655	2627	2579	2514
-15°	2111	2212	2295	2360	2407	2436	2446	2436	2407	2360	2295
-16.25°	1887	1982	2062	2124	2169	2197	2206	2197	2169	2124	2062
-17.5°	1668	1753	1824	1881	1924	1950	1958	1950	1924	1881	1824
-18.75°	1456	1532	1596	1647	1684	1707	1715	1707	1684	1647	1596
-20°	1262	1324	1379	1424	1455	1475	1481	1475	1455	1424	1379
-21.25°	1096	1143	1187	1223	1250	1266	1271	1266	1250	1223	1187



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	956	994	1027	1055	1076	1089	1093	1089	1076	1055	1027
-23.75°	823	860	891	914	932	942	945	942	932	914	891
-25°	692	726	755	777	793	802	805	802	793	777	755
-26.25°	566	596	622	643	657	666	669	666	657	643	622
-27.5°	444	471	495	513	527	535	538	535	527	513	495
-28.75°	327	352	373	389	402	409	412	409	402	389	373
-30°	233	251	266	277	286	291	292	291	286	277	266
-31.25°	149	166	179	190	198	203	205	203	198	190	179
-32.5°	99	105	109	112	115	116	117	116	115	112	109
-33.75°	71	76	81	84	86	88	88	88	86	84	81
-35°	53	55	56	58	59	59	59	59	59	58	56
-36.25°	42	44	45	47	47	48	48	48	47	47	45
-37.5°	33	34	35	36	36	37	37	37	36	36	35
-38.75°	26	27	28	28	29	29	29	29	29	28	28
-40°	18	19	20	21	21	22	22	22	21	21	20
-41.25°	12	13	13	14	14	15	15	15	14	14	13
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	7	7	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	6	6	6	6	6	6	6	5
-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	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	4	4
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	6	5	5	5	5	5
43.75°	7	7	7	7	6	6	6	6	6	5	5
42.5°	8	8	8	7	7	7	7	7	6	6	6
41.25°	13	12	11	9	8	8	8	7	7	7	7
40°	19	18	17	16	15	13	11	9	8	8	7
38.75°	27	26	24	23	21	19	18	15	13	11	9
37.5°	34	33	32	30	28	26	24	22	19	17	15
36.25°	44	42	40	38	35	33	31	29	26	23	20
35°	55	53	51	48	45	42	39	36	33	30	27



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	76	71	65	59	56	53	49	45	41	37	33
32.5°	105	99	93	86	78	69	59	55	51	46	41
31.25°	166	149	129	113	105	96	86	75	63	56	51
30°	251	233	213	189	162	133	112	100	88	75	61
28.75°	352	327	298	271	243	213	179	143	113	99	85
27.5°	471	444	411	375	335	292	257	219	179	136	108
26.25°	596	566	530	490	446	398	348	295	253	208	161
25°	726	692	654	610	562	510	455	396	337	279	230
23.75°	860	823	781	733	681	625	564	501	435	368	300
22.5°	994	956	911	860	803	742	676	608	537	464	389
21.25°	1143	1096	1041	986	926	861	790	717	640	562	481
20°	1324	1262	1194	1122	1050	979	905	826	744	660	574
18.75°	1532	1456	1374	1284	1193	1104	1017	935	848	758	666
17.5°	1753	1668	1573	1468	1359	1249	1141	1042	950	855	758
16.25°	1982	1887	1782	1665	1541	1413	1284	1160	1051	950	848
15°	2212	2111	1995	1865	1730	1586	1440	1295	1160	1042	935
13.75°	2431	2326	2206	2069	1919	1762	1602	1440	1284	1141	1017
12.5°	2630	2526	2404	2263	2106	1937	1762	1586	1413	1249	1104
11.25°	2816	2708	2584	2444	2282	2106	1919	1730	1541	1359	1193
10°	2986	2876	2748	2603	2444	2263	2069	1865	1665	1468	1284
8.75°	3143	3028	2896	2748	2584	2404	2206	1995	1782	1573	1374
7.5°	3279	3163	3028	2876	2708	2526	2326	2111	1887	1668	1456
6.25°	3393	3279	3143	2986	2816	2630	2431	2212	1982	1753	1532
5°	3489	3373	3238	3080	2904	2716	2514	2295	2062	1824	1596
3.75°	3559	3445	3309	3152	2975	2785	2579	2360	2124	1881	1647
2.5°	3607	3499	3361	3204	3026	2833	2627	2407	2169	1924	1684
1.25°	3634	3528	3392	3236	3057	2862	2655	2436	2197	1950	1707
0°	3644	3538	3403	3247	3067	2872	2665	2446	2206	1958	1715
-1.25°	3634	3528	3392	3236	3057	2862	2655	2436	2197	1950	1707
-2.5°	3607	3499	3361	3204	3026	2833	2627	2407	2169	1924	1684
-3.75°	3559	3445	3309	3152	2975	2785	2579	2360	2124	1881	1647
-5°	3489	3373	3238	3080	2904	2716	2514	2295	2062	1824	1596
-6.25°	3393	3279	3143	2986	2816	2630	2431	2212	1982	1753	1532
-7.5°	3279	3163	3028	2876	2708	2526	2326	2111	1887	1668	1456
-8.75°	3143	3028	2896	2748	2584	2404	2206	1995	1782	1573	1374
-10°	2986	2876	2748	2603	2444	2263	2069	1865	1665	1468	1284
-11.25°	2816	2708	2584	2444	2282	2106	1919	1730	1541	1359	1193
-12.5°	2630	2526	2404	2263	2106	1937	1762	1586	1413	1249	1104
-13.75°	2431	2326	2206	2069	1919	1762	1602	1440	1284	1141	1017
-15°	2212	2111	1995	1865	1730	1586	1440	1295	1160	1042	935
-16.25°	1982	1887	1782	1665	1541	1413	1284	1160	1051	950	848
-17.5°	1753	1668	1573	1468	1359	1249	1141	1042	950	855	758
-18.75°	1532	1456	1374	1284	1193	1104	1017	935	848	758	666
-20°	1324	1262	1194	1122	1050	979	905	826	744	660	574
-21.25°	1143	1096	1041	986	926	861	790	717	640	562	481



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	994	956	911	860	803	742	676	608	537	464	389
-23.75°	860	823	781	733	681	625	564	501	435	368	300
-25°	726	692	654	610	562	510	455	396	337	279	230
-26.25°	596	566	530	490	446	398	348	295	253	208	161
-27.5°	471	444	411	375	335	292	257	219	179	136	108
-28.75°	352	327	298	271	243	213	179	143	113	99	85
-30°	251	233	213	189	162	133	112	100	88	75	61
-31.25°	166	149	129	113	105	96	86	75	63	56	51
-32.5°	105	99	93	86	78	69	59	55	51	46	41
-33.75°	76	71	65	59	56	53	49	45	41	37	33
-35°	55	53	51	48	45	42	39	36	33	30	27
-36.25°	44	42	40	38	35	33	31	29	26	23	20
-37.5°	34	33	32	30	28	26	24	22	19	17	15
-38.75°	27	26	24	23	21	19	18	15	13	11	9
-40°	19	18	17	16	15	13	11	9	8	8	7
-41.25°	13	12	11	9	8	8	8	7	7	7	7
-42.5°	8	8	8	7	7	7	7	7	6	6	6
-43.75°	7	7	7	7	6	6	6	6	6	5	5
-45°	6	6	6	6	6	6	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	4	4
-50°	5	5	5	5	5	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	3	3	3
-53.75°	4	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	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°	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°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	5	4	4	4	4	4	4	4	3	3	3
46.25°	5	5	5	5	4	4	4	4	4	4	3
45°	5	5	5	5	5	5	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	4	4	4
42.5°	6	5	5	5	5	5	5	5	5	5	4
41.25°	6	6	6	5	5	5	5	5	5	5	5
40°	7	7	6	6	6	5	5	5	5	5	5
38.75°	8	7	7	7	6	6	6	5	5	5	5
37.5°	12	9	8	7	7	7	6	6	5	5	5
36.25°	18	15	12	8	8	7	7	6	6	5	5
35°	24	20	17	14	10	8	7	7	7	6	6

REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	30	26	23	19	16	12	8	8	7	7	6
32.5°	36	33	29	25	21	17	13	9	8	7	7
31.25°	45	40	35	31	26	22	18	14	9	8	7
30°	54	49	43	36	32	27	23	18	14	9	8
28.75°	70	57	51	45	38	33	28	23	18	14	9
27.5°	93	77	60	53	46	39	33	28	23	18	13
26.25°	115	99	81	63	54	46	39	33	27	22	17
25°	179	127	102	84	64	54	46	38	32	26	21
23.75°	245	190	134	103	84	63	53	45	36	31	25
22.5°	315	253	194	134	102	81	60	51	43	35	29
21.25°	401	321	253	190	127	99	77	57	49	40	33
20°	487	401	315	245	179	115	93	70	54	45	36
18.75°	574	481	389	300	230	161	108	85	61	51	41
17.5°	660	562	464	368	279	208	136	99	75	56	46
16.25°	744	640	537	435	337	253	179	113	88	63	51
15°	826	717	608	501	396	295	219	143	100	75	55
13.75°	905	790	676	564	455	348	257	179	112	86	59
12.5°	979	861	742	625	510	398	292	213	133	96	69
11.25°	1050	926	803	681	562	446	335	243	162	105	78
10°	1122	986	860	733	610	490	375	271	189	113	86
8.75°	1194	1041	911	781	654	530	411	298	213	129	93
7.5°	1262	1096	956	823	692	566	444	327	233	149	99
6.25°	1324	1143	994	860	726	596	471	352	251	166	105
5°	1379	1187	1027	891	755	622	495	373	266	179	109
3.75°	1424	1223	1055	914	777	643	513	389	277	190	112
2.5°	1455	1250	1076	932	793	657	527	402	286	198	115
1.25°	1475	1266	1089	942	802	666	535	409	291	203	116
0°	1481	1271	1093	945	805	669	538	412	292	205	117
-1.25°	1475	1266	1089	942	802	666	535	409	291	203	116
-2.5°	1455	1250	1076	932	793	657	527	402	286	198	115
-3.75°	1424	1223	1055	914	777	643	513	389	277	190	112
-5°	1379	1187	1027	891	755	622	495	373	266	179	109
-6.25°	1324	1143	994	860	726	596	471	352	251	166	105
-7.5°	1262	1096	956	823	692	566	444	327	233	149	99
-8.75°	1194	1041	911	781	654	530	411	298	213	129	93
-10°	1122	986	860	733	610	490	375	271	189	113	86
-11.25°	1050	926	803	681	562	446	335	243	162	105	78
-12.5°	979	861	742	625	510	398	292	213	133	96	69
-13.75°	905	790	676	564	455	348	257	179	112	86	59
-15°	826	717	608	501	396	295	219	143	100	75	55
-16.25°	744	640	537	435	337	253	179	113	88	63	51
-17.5°	660	562	464	368	279	208	136	99	75	56	46
-18.75°	574	481	389	300	230	161	108	85	61	51	41
-20°	487	401	315	245	179	115	93	70	54	45	36
-21.25°	401	321	253	190	127	99	77	57	49	40	33



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	315	253	194	134	102	81	60	51	43	35	29
-23.75°	245	190	134	103	84	63	53	45	36	31	25
-25°	179	127	102	84	64	54	46	38	32	26	21
-26.25°	115	99	81	63	54	46	39	33	27	22	17
-27.5°	93	77	60	53	46	39	33	28	23	18	13
-28.75°	70	57	51	45	38	33	28	23	18	14	9
-30°	54	49	43	36	32	27	23	18	14	9	8
-31.25°	45	40	35	31	26	22	18	14	9	8	7
-32.5°	36	33	29	25	21	17	13	9	8	7	7
-33.75°	30	26	23	19	16	12	8	8	7	7	6
-35°	24	20	17	14	10	8	7	7	7	6	6
-36.25°	18	15	12	8	8	7	7	6	6	5	5
-37.5°	12	9	8	7	7	7	6	6	5	5	5
-38.75°	8	7	7	7	6	6	6	5	5	5	5
-40°	7	7	6	6	6	5	5	5	5	5	5
-41.25°	6	6	6	5	5	5	5	5	5	5	5
-42.5°	6	5	5	5	5	5	5	5	5	5	4
-43.75°	5	5	5	5	5	5	5	5	4	4	4
-45°	5	5	5	5	5	5	4	4	4	4	4
-46.25°	5	5	5	5	4	4	4	4	4	4	3
-47.5°	5	4	4	4	4	4	4	4	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	1	1	1	1	1	1	1	0	0	0	0
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°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	3	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	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	3	2	2	2	2
46.25°	3	3	3	3	3	3	3	3	2	2	2
45°	4	3	3	3	3	3	3	3	3	2	2
43.75°	4	4	3	3	3	3	3	3	3	3	2
42.5°	4	4	4	3	3	3	3	3	3	3	3
41.25°	4	4	4	4	3	3	3	3	3	3	3
40°	5	4	4	4	4	3	3	3	3	3	3
38.75°	5	5	4	4	4	4	3	3	3	3	3
37.5°	5	5	5	4	4	4	4	3	3	3	3
36.25°	5	5	5	5	4	4	4	4	3	3	3
35°	5	5	5	5	5	4	4	4	4	3	3



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	5	5	5	5	5	4	4	4	4	3
32.5°	6	6	5	5	5	5	5	4	4	4	3
31.25°	7	6	5	5	5	5	5	5	4	4	4
30°	7	7	6	5	5	5	5	5	4	4	4
28.75°	8	7	6	6	5	5	5	5	5	4	4
27.5°	8	7	7	6	6	5	5	5	5	4	4
26.25°	12	8	7	7	6	5	5	5	5	5	4
25°	16	10	8	7	6	6	5	5	5	5	4
23.75°	19	14	8	7	7	6	5	5	5	5	5
22.5°	23	17	12	8	7	6	6	5	5	5	5
21.25°	26	20	15	9	7	7	6	5	5	5	5
20°	30	24	18	12	8	7	6	6	5	5	5
18.75°	33	27	20	15	9	7	7	6	5	5	5
17.5°	37	30	23	17	11	8	7	6	5	5	5
16.25°	41	33	26	19	13	8	7	6	6	5	5
15°	45	36	29	22	15	9	7	7	6	5	5
13.75°	49	39	31	24	18	11	8	7	6	5	5
12.5°	53	42	33	26	19	13	8	7	6	6	5
11.25°	56	45	35	28	21	15	8	7	6	6	5
10°	59	48	38	30	23	16	9	7	7	6	5
8.75°	65	51	40	32	24	17	11	8	7	6	5
7.5°	71	53	42	33	26	18	12	8	7	6	5
6.25°	76	55	44	34	27	19	13	8	7	6	5
5°	81	56	45	35	28	20	13	8	7	6	5
3.75°	84	58	47	36	28	21	14	8	7	6	6
2.5°	86	59	47	36	29	21	14	8	7	6	6
1.25°	88	59	48	37	29	22	15	8	7	6	6
0°	88	59	48	37	29	22	15	8	7	6	6
-1.25°	88	59	48	37	29	22	15	8	7	6	6
-2.5°	86	59	47	36	29	21	14	8	7	6	6
-3.75°	84	58	47	36	28	21	14	8	7	6	6
-5°	81	56	45	35	28	20	13	8	7	6	5
-6.25°	76	55	44	34	27	19	13	8	7	6	5
-7.5°	71	53	42	33	26	18	12	8	7	6	5
-8.75°	65	51	40	32	24	17	11	8	7	6	5
-10°	59	48	38	30	23	16	9	7	7	6	5
-11.25°	56	45	35	28	21	15	8	7	6	6	5
-12.5°	53	42	33	26	19	13	8	7	6	6	5
-13.75°	49	39	31	24	18	11	8	7	6	5	5
-15°	45	36	29	22	15	9	7	7	6	5	5
-16.25°	41	33	26	19	13	8	7	6	6	5	5
-17.5°	37	30	23	17	11	8	7	6	5	5	5
-18.75°	33	27	20	15	9	7	7	6	5	5	5
-20°	30	24	18	12	8	7	6	6	5	5	5
-21.25°	26	20	15	9	7	7	6	5	5	5	5



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	23	17	12	8	7	6	6	5	5	5	5
-23.75°	19	14	8	7	7	6	5	5	5	5	5
-25°	16	10	8	7	6	6	5	5	5	5	4
-26.25°	12	8	7	7	6	5	5	5	5	5	4
-27.5°	8	7	7	6	6	5	5	5	5	4	4
-28.75°	8	7	6	6	5	5	5	5	5	4	4
-30°	7	7	6	5	5	5	5	5	4	4	4
-31.25°	7	6	5	5	5	5	5	5	4	4	4
-32.5°	6	6	5	5	5	5	5	4	4	4	3
-33.75°	6	5	5	5	5	5	4	4	4	4	3
-35°	5	5	5	5	5	4	4	4	4	3	3
-36.25°	5	5	5	5	4	4	4	4	3	3	3
-37.5°	5	5	5	4	4	4	4	3	3	3	3
-38.75°	5	5	4	4	4	4	3	3	3	3	3
-40°	5	4	4	4	4	3	3	3	3	3	3
-41.25°	4	4	4	4	3	3	3	3	3	3	3
-42.5°	4	4	4	3	3	3	3	3	3	3	3
-43.75°	4	4	3	3	3	3	3	3	3	3	2
-45°	4	3	3	3	3	3	3	3	3	2	2
-46.25°	3	3	3	3	3	3	3	3	2	2	2
-47.5°	3	3	3	3	3	3	3	2	2	2	2
-48.75°	3	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	1	1	0	0	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	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	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°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	3	2	2	2	2	2	2	2	2	2	2
40°	3	3	2	2	2	2	2	2	2	2	2
38.75°	3	3	2	2	2	2	2	2	2	2	2
37.5°	3	3	3	2	2	2	2	2	2	2	2
36.25°	3	3	3	3	2	2	2	2	2	2	2
35°	3	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	3	3	3	3	3	2	2	2	2	2	2
32.5°	3	3	3	3	3	2	2	2	2	2	2
31.25°	3	3	3	3	3	3	2	2	2	2	2
30°	3	3	3	3	3	3	2	2	2	2	2
28.75°	4	3	3	3	3	3	2	2	2	2	2
27.5°	4	3	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	2	2	2	2
25°	4	4	3	3	3	3	3	2	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	2	2	2
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	5	4	4	4	3	3	3	3	3	2	2
18.75°	5	4	4	4	3	3	3	3	3	2	2
17.5°	5	4	4	4	3	3	3	3	3	2	2
16.25°	5	5	4	4	3	3	3	3	3	2	2
15°	5	5	4	4	4	3	3	3	3	2	2
13.75°	5	5	4	4	4	3	3	3	3	2	2
12.5°	5	5	4	4	4	3	3	3	3	3	2
11.25°	5	5	5	4	4	3	3	3	3	3	2
10°	5	5	5	4	4	3	3	3	3	3	2
8.75°	5	5	5	4	4	3	3	3	3	3	2
7.5°	5	5	5	4	4	3	3	3	3	3	2
6.25°	5	5	5	4	4	4	3	3	3	3	2
5°	5	5	5	4	4	4	3	3	3	3	2
3.75°	5	5	5	4	4	4	3	3	3	3	2
2.5°	5	5	5	4	4	4	3	3	3	3	2
1.25°	5	5	5	4	4	4	3	3	3	3	2
0°	5	5	5	4	4	4	3	3	3	3	2
-1.25°	5	5	5	4	4	4	3	3	3	3	2
-2.5°	5	5	5	4	4	4	3	3	3	3	2
-3.75°	5	5	5	4	4	4	3	3	3	3	2
-5°	5	5	5	4	4	4	3	3	3	3	2
-6.25°	5	5	5	4	4	4	3	3	3	3	2
-7.5°	5	5	5	4	4	3	3	3	3	3	2
-8.75°	5	5	5	4	4	3	3	3	3	3	2
-10°	5	5	5	4	4	3	3	3	3	3	2
-11.25°	5	5	5	4	4	3	3	3	3	3	2
-12.5°	5	5	4	4	4	3	3	3	3	3	2
-13.75°	5	5	4	4	4	3	3	3	3	2	2
-15°	5	5	4	4	4	3	3	3	3	2	2
-16.25°	5	5	4	4	3	3	3	3	3	2	2
-17.5°	5	4	4	4	3	3	3	3	3	2	2
-18.75°	5	4	4	4	3	3	3	3	3	2	2
-20°	5	4	4	4	3	3	3	3	3	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	4	4	4	3	3	3	3	3	2	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	3	3	3	3	3	2	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	2
-27.5°	4	3	3	3	3	3	3	2	2	2	2
-28.75°	4	3	3	3	3	3	2	2	2	2	2
-30°	3	3	3	3	3	3	2	2	2	2	2
-31.25°	3	3	3	3	3	3	2	2	2	2	2
-32.5°	3	3	3	3	3	2	2	2	2	2	2
-33.75°	3	3	3	3	3	2	2	2	2	2	2
-35°	3	3	3	3	2	2	2	2	2	2	2
-36.25°	3	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	2	2	2	2	2	2	2	2
-38.75°	3	3	2	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	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	0	0



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	0	0	0	0	0
-80°	1	1	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	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	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	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°	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°	2	2	2	2	2	2	2	2	2	1	1
35°	2	2	2	2	2	2	2	2	2	1	1



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	2	2	2	2	2	2	2	1	1
32.5°	2	2	2	2	2	2	2	2	2	2	1
31.25°	2	2	2	2	2	2	2	2	2	2	1
30°	2	2	2	2	2	2	2	2	2	2	1
28.75°	2	2	2	2	2	2	2	2	2	2	1
27.5°	2	2	2	2	2	2	2	2	2	2	1
26.25°	2	2	2	2	2	2	2	2	2	2	1
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	2
22.5°	2	2	2	2	2	2	2	2	2	2	2
21.25°	2	2	2	2	2	2	2	2	2	2	2
20°	2	2	2	2	2	2	2	2	2	2	2
18.75°	2	2	2	2	2	2	2	2	2	2	2
17.5°	2	2	2	2	2	2	2	2	2	2	2
16.25°	2	2	2	2	2	2	2	2	2	2	2
15°	2	2	2	2	2	2	2	2	2	2	2
13.75°	2	2	2	2	2	2	2	2	2	2	2
12.5°	2	2	2	2	2	2	2	2	2	2	2
11.25°	2	2	2	2	2	2	2	2	2	2	2
10°	2	2	2	2	2	2	2	2	2	2	2
8.75°	2	2	2	2	2	2	2	2	2	2	2
7.5°	2	2	2	2	2	2	2	2	2	2	2
6.25°	2	2	2	2	2	2	2	2	2	2	2
5°	2	2	2	2	2	2	2	2	2	2	2
3.75°	2	2	2	2	2	2	2	2	2	2	2
2.5°	2	2	2	2	2	2	2	2	2	2	2
1.25°	2	2	2	2	2	2	2	2	2	2	2
0°	2	2	2	2	2	2	2	2	2	2	2
-1.25°	2	2	2	2	2	2	2	2	2	2	2
-2.5°	2	2	2	2	2	2	2	2	2	2	2
-3.75°	2	2	2	2	2	2	2	2	2	2	2
-5°	2	2	2	2	2	2	2	2	2	2	2
-6.25°	2	2	2	2	2	2	2	2	2	2	2
-7.5°	2	2	2	2	2	2	2	2	2	2	2
-8.75°	2	2	2	2	2	2	2	2	2	2	2
-10°	2	2	2	2	2	2	2	2	2	2	2
-11.25°	2	2	2	2	2	2	2	2	2	2	2
-12.5°	2	2	2	2	2	2	2	2	2	2	2
-13.75°	2	2	2	2	2	2	2	2	2	2	2
-15°	2	2	2	2	2	2	2	2	2	2	2
-16.25°	2	2	2	2	2	2	2	2	2	2	2
-17.5°	2	2	2	2	2	2	2	2	2	2	2
-18.75°	2	2	2	2	2	2	2	2	2	2	2
-20°	2	2	2	2	2	2	2	2	2	2	2
-21.25°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	2	2	2	2	2	2	2	2	2	2	2
-23.75°	2	2	2	2	2	2	2	2	2	2	2
-25°	2	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	1
-27.5°	2	2	2	2	2	2	2	2	2	2	1
-28.75°	2	2	2	2	2	2	2	2	2	2	1
-30°	2	2	2	2	2	2	2	2	2	2	1
-31.25°	2	2	2	2	2	2	2	2	2	2	1
-32.5°	2	2	2	2	2	2	2	2	2	2	1
-33.75°	2	2	2	2	2	2	2	2	2	1	1
-35°	2	2	2	2	2	2	2	2	2	1	1
-36.25°	2	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	0
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	1	1	0	0	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	1	0	0	0	0	0
-73.75°	1	1	1	1	0	0	0	0	0	0	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-76.25°	1	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	0	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	0	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	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°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	0	0	0	0	0
30°	1	1	1	1	1	1	0	0	0	0	0
28.75°	1	1	1	1	1	1	1	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	0	0	0
20°	1	1	1	1	1	1	1	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	2	1	1	1	1	1	1	0	0	0	0
10°	2	1	1	1	1	1	1	0	0	0	0
8.75°	2	1	1	1	1	1	1	0	0	0	0
7.5°	2	1	1	1	1	1	1	0	0	0	0
6.25°	2	1	1	1	1	1	1	0	0	0	0
5°	2	1	1	1	1	1	1	0	0	0	0
3.75°	2	1	1	1	1	1	1	0	0	0	0
2.5°	2	1	1	1	1	1	1	0	0	0	0
1.25°	2	1	1	1	1	1	1	0	0	0	0
0°	2	1	1	1	1	1	1	0	0	0	0
-1.25°	2	1	1	1	1	1	1	0	0	0	0
-2.5°	2	1	1	1	1	1	1	0	0	0	0
-3.75°	2	1	1	1	1	1	1	0	0	0	0
-5°	2	1	1	1	1	1	1	0	0	0	0
-6.25°	2	1	1	1	1	1	1	0	0	0	0
-7.5°	2	1	1	1	1	1	1	0	0	0	0
-8.75°	2	1	1	1	1	1	1	0	0	0	0
-10°	2	1	1	1	1	1	1	0	0	0	0
-11.25°	2	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	1	0	0	0	0
-21.25°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	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	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	0	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	0	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	0	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	0	0	0	0	0	0	0	0	0	0
-63.75°	1	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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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: P220690 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-F-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)