

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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29419)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

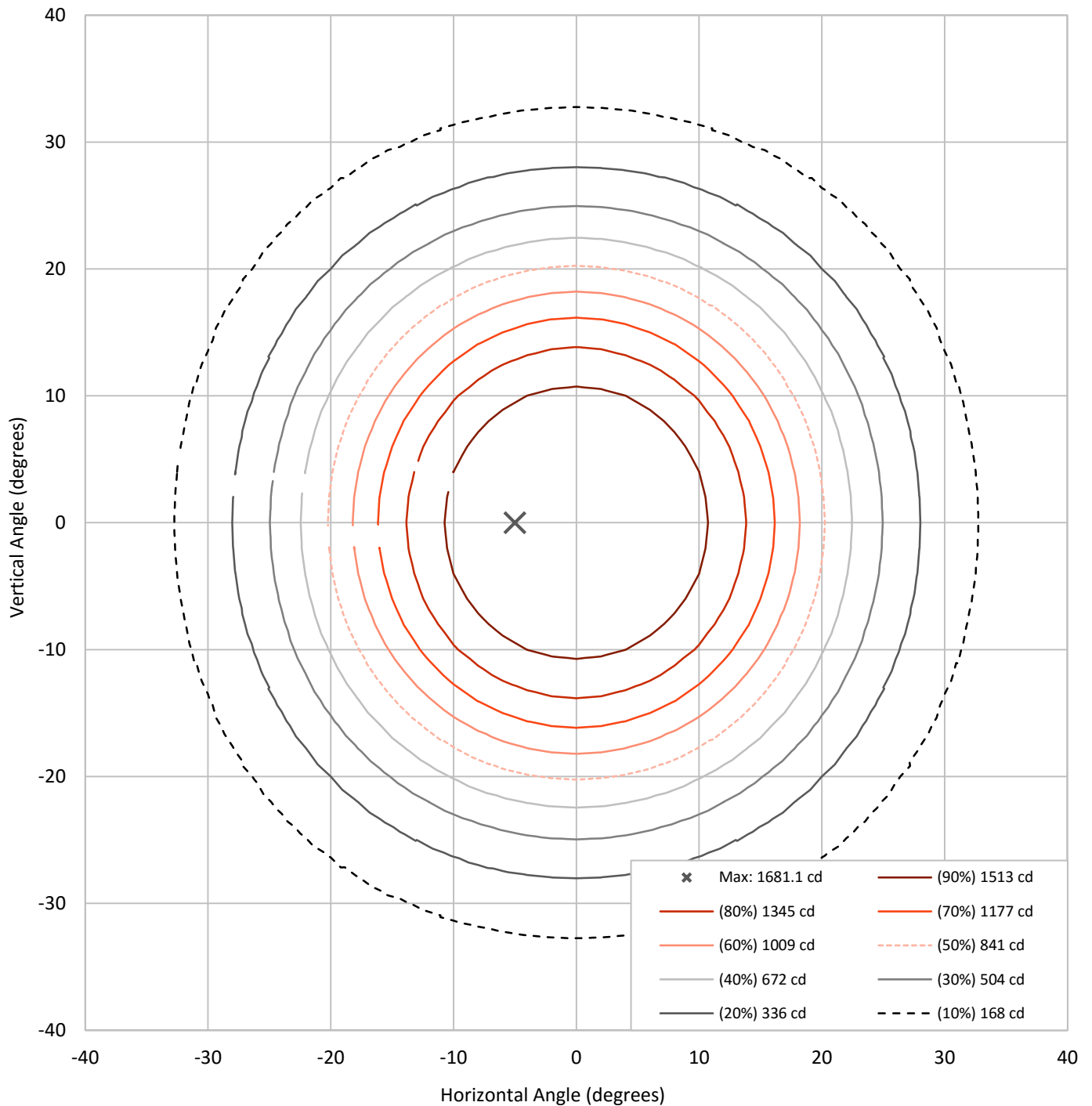
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	840.2 lumens	Max Intensity:	1681.1 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	84.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.6°V
Beam Lumens:	503.6 lumens	Field Lumens:	760.8 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
Input Watts (W):	10		
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: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

Iso-Candela Plot





REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

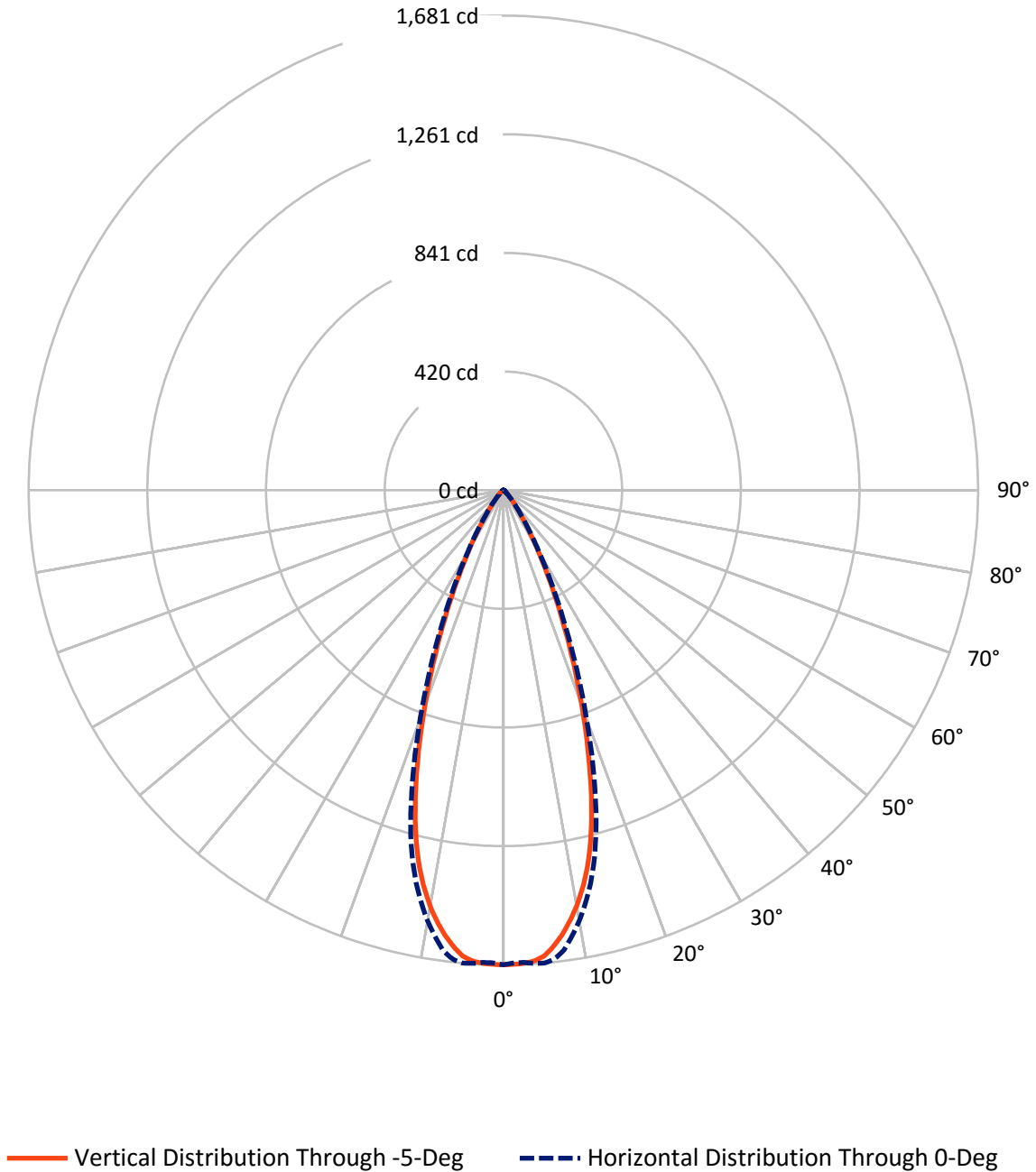
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

Lumen Table

90																			
80	0.0	0.0		0.1	0.2		0.2	0.2		0.1	0.0		0.0						
70																			
60	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			
50		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
40	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.7	0.5	0.3	0.2	0.1	0.1	0.0	0.0			
30		0.0	0.1	0.2	0.4	1.1	2.4	3.7	3.7	2.4	1.1	0.4	0.2	0.1	0.0				
20	0.0	0.1	0.1	0.3	1.0	3.6	9.1	14.6	14.6	9.1	3.6	1.0	0.3	0.1	0.1	0.0			
10		0.1	0.1	0.4	2.1	8.6	22.7	35.4	35.4	22.7	8.6	2.1	0.4	0.1	0.1				
0	0.0	0.1	0.1	0.5	3.0	13.4	34.4	48.7	48.7	34.4	13.4	3.0	0.5	0.1	0.1	0.0			
-10		0.1	0.1	0.5	3.0	13.4	34.4	48.7	48.7	34.4	13.4	3.0	0.5	0.1	0.1				
-20	0.0	0.1	0.1	0.4	2.1	8.6	22.7	35.4	35.4	22.7	8.6	2.1	0.4	0.1	0.1	0.0			
-30		0.1	0.1	0.3	1.0	3.6	9.1	14.6	14.6	9.1	3.6	1.0	0.3	0.1	0.1				
-40	0.0	0.0	0.1	0.2	0.4	1.1	2.4	3.7	3.7	2.4	1.1	0.4	0.2	0.1	0.0	0.0			
-50		0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.7	0.5	0.3	0.2	0.1	0.1	0.0				
-60	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
-70		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				
-80																			
-90	0.0	0.0		0.1	0.2		0.2	0.2		0.1	0.0		0.0						
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

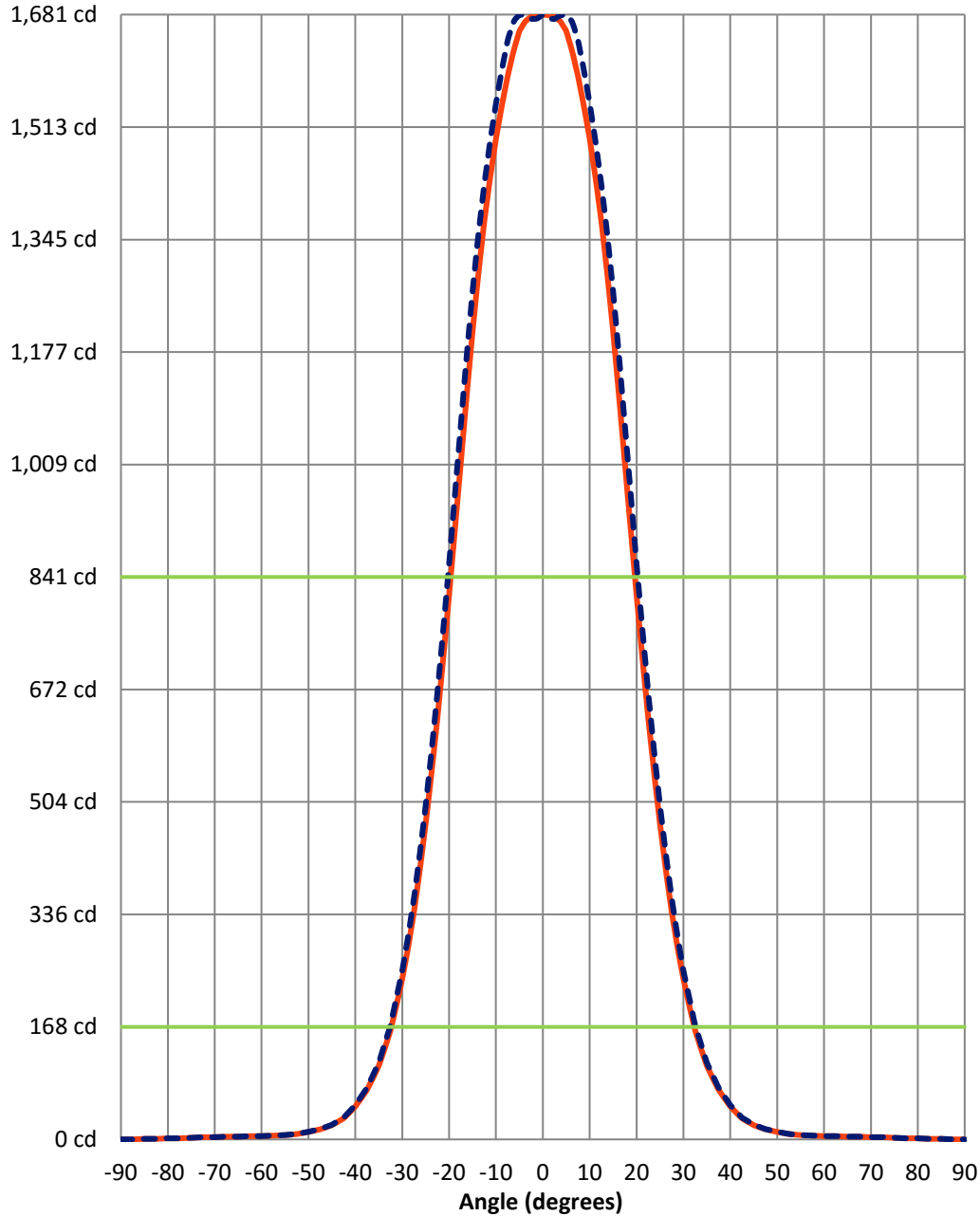
REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.5°
 V Angle: 39.3°
 Lumens: 503.6
 Efficiency: 59.9%

Field:
 H Angle: 65.2°
 V Angle: 64.6°
 Lumens: 760.8
 Efficiency: 90.5%

Spill:
 Lumens: 79.4
 Efficiency: 9.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-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	2
37.5°	0	0	0	0	0	1	1	1	1	1	2
36.25°	0	0	0	0	0	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	1	2
31.25°	0	0	0	0	1	1	1	1	1	1	2
30°	0	0	0	0	1	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	1	2	2
17.5°	0	0	0	0	1	1	1	1	1	2	2
16.25°	0	0	0	0	1	1	1	1	1	2	2
15°	0	0	0	0	1	1	1	1	1	2	2
13.75°	0	0	0	0	1	1	1	1	2	2	2
12.5°	0	0	0	0	1	1	1	1	2	2	2
11.25°	0	0	0	0	1	1	1	1	2	2	2
10°	0	0	0	0	1	1	1	1	2	2	2
8.75°	0	0	0	0	1	1	1	1	2	2	2
7.5°	0	0	0	0	1	1	1	1	2	2	2
6.25°	0	0	0	0	1	1	1	1	2	2	2
5°	0	0	0	0	1	1	1	1	2	2	2
3.75°	0	0	0	0	1	1	1	1	2	2	2
2.5°	0	0	0	0	1	1	1	1	2	2	2
1.25°	0	0	0	0	1	1	1	1	2	2	2
0°	0	0	0	0	1	1	1	1	2	2	2
-1.25°	0	0	0	0	1	1	1	1	2	2	2
-2.5°	0	0	0	0	1	1	1	1	2	2	2
-3.75°	0	0	0	0	1	1	1	1	2	2	2
-5°	0	0	0	0	1	1	1	1	2	2	2
-6.25°	0	0	0	0	1	1	1	1	2	2	2
-7.5°	0	0	0	0	1	1	1	1	2	2	2
-8.75°	0	0	0	0	1	1	1	1	2	2	2
-10°	0	0	0	0	1	1	1	1	2	2	2
-11.25°	0	0	0	0	1	1	1	1	2	2	2
-12.5°	0	0	0	0	1	1	1	1	2	2	2
-13.75°	0	0	0	0	1	1	1	1	2	2	2
-15°	0	0	0	0	1	1	1	1	1	2	2
-16.25°	0	0	0	0	1	1	1	1	1	2	2
-17.5°	0	0	0	0	1	1	1	1	1	2	2
-18.75°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	1	1	1	1	1	2	2
-31.25°	0	0	0	0	1	1	1	1	1	1	2
-32.5°	0	0	0	0	1	1	1	1	1	1	2
-33.75°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-36.25°	0	0	0	0	0	1	1	1	1	1	2
-37.5°	0	0	0	0	0	1	1	1	1	1	2
-38.75°	0	0	0	0	0	1	1	1	1	1	2
-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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	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	2
66.25°	1	1	1	1	1	1	1	1	1	2	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	1	1	2	2	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	1	1	2	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	1	2	2	2	2	2	2	2	2
52.5°	1	1	2	2	2	2	2	2	2	2	3
51.25°	1	1	2	2	2	2	2	2	2	3	3
50°	1	1	2	2	2	2	2	2	2	3	3
48.75°	1	2	2	2	2	2	2	2	3	3	3
47.5°	1	2	2	2	2	2	2	2	3	3	3
46.25°	1	2	2	2	2	2	2	3	3	3	3
45°	1	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	2	3	3	3	3
42.5°	2	2	2	2	2	2	3	3	3	3	3
41.25°	2	2	2	2	2	2	3	3	3	3	3
40°	2	2	2	2	2	2	3	3	3	3	3
38.75°	2	2	2	2	2	3	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	3	3
36.25°	2	2	2	2	2	3	3	3	3	3	4
35°	2	2	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	2	2	2	2	3	3	3	3	3	3	4
32.5°	2	2	2	2	3	3	3	3	3	4	4
31.25°	2	2	2	2	3	3	3	3	3	4	4
30°	2	2	2	2	3	3	3	3	3	4	4
28.75°	2	2	2	3	3	3	3	3	4	4	4
27.5°	2	2	2	3	3	3	3	3	4	4	4
26.25°	2	2	2	3	3	3	3	3	4	4	4
25°	2	2	2	3	3	3	3	3	4	4	4
23.75°	2	2	2	3	3	3	3	3	4	4	4
22.5°	2	2	2	3	3	3	3	4	4	4	4
21.25°	2	2	2	3	3	3	3	4	4	4	4
20°	2	2	2	3	3	3	3	4	4	4	4
18.75°	2	2	3	3	3	3	3	4	4	4	4
17.5°	2	2	3	3	3	3	3	4	4	4	4
16.25°	2	2	3	3	3	3	3	4	4	4	4
15°	2	2	3	3	3	3	3	4	4	4	4
13.75°	2	2	3	3	3	3	3	4	4	4	4
12.5°	2	2	3	3	3	3	4	4	4	4	4
11.25°	2	2	3	3	3	3	4	4	4	4	4
10°	2	2	3	3	3	3	4	4	4	4	4
8.75°	2	2	3	3	3	3	4	4	4	4	4
7.5°	2	2	3	3	3	3	4	4	4	4	4
6.25°	2	2	3	3	3	3	4	4	4	4	4
5°	2	2	3	3	3	3	4	4	4	4	4
3.75°	2	2	3	3	3	3	4	4	4	4	4
2.5°	2	2	3	3	3	3	4	4	4	4	4
1.25°	2	2	3	3	3	3	4	4	4	4	4
0°	2	2	3	3	3	3	4	4	4	4	5
-1.25°	2	2	3	3	3	3	4	4	4	4	4
-2.5°	2	2	3	3	3	3	4	4	4	4	4
-3.75°	2	2	3	3	3	3	4	4	4	4	4
-5°	2	2	3	3	3	3	4	4	4	4	4
-6.25°	2	2	3	3	3	3	4	4	4	4	4
-7.5°	2	2	3	3	3	3	4	4	4	4	4
-8.75°	2	2	3	3	3	3	4	4	4	4	4
-10°	2	2	3	3	3	3	4	4	4	4	4
-11.25°	2	2	3	3	3	3	4	4	4	4	4
-12.5°	2	2	3	3	3	3	4	4	4	4	4
-13.75°	2	2	3	3	3	3	3	4	4	4	4
-15°	2	2	3	3	3	3	3	4	4	4	4
-16.25°	2	2	3	3	3	3	3	4	4	4	4
-17.5°	2	2	3	3	3	3	3	4	4	4	4
-18.75°	2	2	3	3	3	3	3	4	4	4	4
-20°	2	2	2	3	3	3	3	4	4	4	4
-21.25°	2	2	2	3	3	3	3	4	4	4	4



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	2	2	2	3	3	3	3	4	4	4	4
-23.75°	2	2	2	3	3	3	3	3	4	4	4
-25°	2	2	2	3	3	3	3	3	4	4	4
-26.25°	2	2	2	3	3	3	3	3	4	4	4
-27.5°	2	2	2	3	3	3	3	3	4	4	4
-28.75°	2	2	2	3	3	3	3	3	4	4	4
-30°	2	2	2	2	3	3	3	3	3	4	4
-31.25°	2	2	2	2	3	3	3	3	3	4	4
-32.5°	2	2	2	2	3	3	3	3	3	4	4
-33.75°	2	2	2	2	3	3	3	3	3	3	4
-35°	2	2	2	2	2	3	3	3	3	3	4
-36.25°	2	2	2	2	2	3	3	3	3	3	4
-37.5°	2	2	2	2	2	3	3	3	3	3	3
-38.75°	2	2	2	2	2	3	3	3	3	3	3
-40°	2	2	2	2	2	2	3	3	3	3	3
-41.25°	2	2	2	2	2	2	3	3	3	3	3
-42.5°	2	2	2	2	2	2	3	3	3	3	3
-43.75°	2	2	2	2	2	2	2	3	3	3	3
-45°	1	2	2	2	2	2	2	3	3	3	3
-46.25°	1	2	2	2	2	2	2	3	3	3	3
-47.5°	1	2	2	2	2	2	2	2	3	3	3
-48.75°	1	2	2	2	2	2	2	2	3	3	3
-50°	1	1	2	2	2	2	2	2	2	3	3
-51.25°	1	1	2	2	2	2	2	2	2	3	3
-52.5°	1	1	2	2	2	2	2	2	2	2	3
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	2	2	2	2
-63.75°	1	1	1	1	1	1	1	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	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	2	2	2
72.5°	1	1	1	1	1	1	2	2	2	2	2
71.25°	1	1	1	1	2	2	2	2	2	2	2
70°	1	1	2	2	2	2	2	2	2	2	2
68.75°	1	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	3	3
63.75°	2	2	2	2	2	2	2	2	3	3	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	2	2	2	3	3	3	3	3	3
60°	2	2	2	2	3	3	3	3	3	3	3
58.75°	2	2	2	3	3	3	3	3	3	3	3
57.5°	2	2	3	3	3	3	3	3	3	3	3
56.25°	2	3	3	3	3	3	3	3	3	3	4
55°	3	3	3	3	3	3	3	3	3	4	4
53.75°	3	3	3	3	3	3	3	3	4	4	4
52.5°	3	3	3	3	3	3	3	4	4	4	4
51.25°	3	3	3	3	3	3	4	4	4	4	4
50°	3	3	3	3	3	4	4	4	4	4	4
48.75°	3	3	3	3	4	4	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	4	5
45°	3	3	4	4	4	4	4	4	4	5	5
43.75°	3	3	4	4	4	4	4	4	4	5	5
42.5°	3	4	4	4	4	4	4	4	5	5	5
41.25°	3	4	4	4	4	4	4	5	5	5	5
40°	4	4	4	4	4	4	4	5	5	5	5
38.75°	4	4	4	4	4	4	5	5	5	5	5
37.5°	4	4	4	4	4	4	5	5	5	5	5
36.25°	4	4	4	4	4	5	5	5	5	5	5
35°	4	4	4	4	4	5	5	5	5	5	5



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	4	4	4	4	5	5	5	5	5	5	6
32.5°	4	4	4	4	5	5	5	5	5	5	6
31.25°	4	4	4	5	5	5	5	5	5	6	6
30°	4	4	4	5	5	5	5	5	5	6	6
28.75°	4	4	4	5	5	5	5	5	6	6	6
27.5°	4	4	5	5	5	5	5	5	6	6	6
26.25°	4	4	5	5	5	5	5	6	6	6	7
25°	4	4	5	5	5	5	5	6	6	6	7
23.75°	4	4	5	5	5	5	5	6	6	6	7
22.5°	4	5	5	5	5	5	6	6	6	7	7
21.25°	4	5	5	5	5	5	6	6	6	7	8
20°	4	5	5	5	5	5	6	6	6	7	8
18.75°	4	5	5	5	5	5	6	6	7	7	8
17.5°	4	5	5	5	5	6	6	6	7	8	9
16.25°	5	5	5	5	5	6	6	6	7	8	9
15°	5	5	5	5	5	6	6	6	7	8	9
13.75°	5	5	5	5	5	6	6	7	7	8	10
12.5°	5	5	5	5	5	6	6	7	7	8	10
11.25°	5	5	5	5	5	6	6	7	8	9	10
10°	5	5	5	5	6	6	6	7	8	9	10
8.75°	5	5	5	5	6	6	6	7	8	9	11
7.5°	5	5	5	5	6	6	6	7	8	9	11
6.25°	5	5	5	5	6	6	6	7	8	9	11
5°	5	5	5	5	6	6	6	7	8	10	11
3.75°	5	5	5	5	6	6	6	7	8	10	11
2.5°	5	5	5	5	6	6	6	7	8	10	11
1.25°	5	5	5	5	6	6	6	7	8	10	11
0°	5	5	5	5	6	6	7	7	8	10	11
-1.25°	5	5	5	5	6	6	6	7	8	10	11
-2.5°	5	5	5	5	6	6	6	7	8	10	11
-3.75°	5	5	5	5	6	6	6	7	8	10	11
-5°	5	5	5	5	6	6	6	7	8	10	11
-6.25°	5	5	5	5	6	6	6	7	8	9	11
-7.5°	5	5	5	5	6	6	6	7	8	9	11
-8.75°	5	5	5	5	6	6	6	7	8	9	11
-10°	5	5	5	5	6	6	6	7	8	9	10
-11.25°	5	5	5	5	5	6	6	7	8	9	10
-12.5°	5	5	5	5	5	6	6	7	7	8	10
-13.75°	5	5	5	5	5	6	6	7	7	8	10
-15°	5	5	5	5	5	6	6	6	7	8	9
-16.25°	5	5	5	5	5	6	6	6	7	8	9
-17.5°	4	5	5	5	5	6	6	6	7	8	9
-18.75°	4	5	5	5	5	5	6	6	7	7	8
-20°	4	5	5	5	5	5	6	6	6	7	8
-21.25°	4	5	5	5	5	5	6	6	6	7	8



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	5	5	5	5	5	6	6	6	7	7
-23.75°	4	4	5	5	5	5	5	6	6	6	7
-25°	4	4	5	5	5	5	5	6	6	6	7
-26.25°	4	4	5	5	5	5	5	6	6	6	7
-27.5°	4	4	5	5	5	5	5	5	6	6	6
-28.75°	4	4	4	5	5	5	5	5	6	6	6
-30°	4	4	4	5	5	5	5	5	5	6	6
-31.25°	4	4	4	5	5	5	5	5	5	6	6
-32.5°	4	4	4	4	5	5	5	5	5	5	6
-33.75°	4	4	4	4	5	5	5	5	5	5	6
-35°	4	4	4	4	4	5	5	5	5	5	5
-36.25°	4	4	4	4	4	5	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	5	5	5	5	5
-40°	4	4	4	4	4	4	4	5	5	5	5
-41.25°	3	4	4	4	4	4	4	5	5	5	5
-42.5°	3	4	4	4	4	4	4	4	5	5	5
-43.75°	3	3	4	4	4	4	4	4	4	5	5
-45°	3	3	4	4	4	4	4	4	4	5	5
-46.25°	3	3	3	4	4	4	4	4	4	4	5
-47.5°	3	3	3	3	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	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	4	4	4
-55°	3	3	3	3	3	3	3	3	3	4	4
-56.25°	2	3	3	3	3	3	3	3	3	3	4
-57.5°	2	2	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	3	3	3	3	3	3	3	3
-60°	2	2	2	2	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-65°	2	2	2	2	2	2	2	2	2	3	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°	1	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	2	2	2
76.25°	1	1	1	1	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	3	3	3
68.75°	2	2	2	2	2	3	3	3	3	3	3
67.5°	2	2	3	3	3	3	3	3	3	3	3
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	4
62.5°	3	3	3	3	3	3	3	4	4	4	4
61.25°	3	3	3	3	3	4	4	4	4	4	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	5
55°	4	4	4	4	4	4	4	4	5	5	5
53.75°	4	4	4	4	4	4	5	5	5	5	5
52.5°	4	4	4	4	4	5	5	5	5	5	5
51.25°	4	4	4	5	5	5	5	5	5	5	5
50°	4	4	5	5	5	5	5	5	5	5	5
48.75°	4	5	5	5	5	5	5	5	5	5	6
47.5°	5	5	5	5	5	5	5	5	5	6	6
46.25°	5	5	5	5	5	5	5	6	6	6	6
45°	5	5	5	5	5	5	6	6	6	6	6
43.75°	5	5	5	5	5	6	6	6	6	6	7
42.5°	5	5	5	5	6	6	6	6	7	7	7
41.25°	5	5	5	6	6	6	6	7	7	8	8
40°	5	5	6	6	6	6	7	7	8	8	9
38.75°	5	5	6	6	6	7	7	8	8	9	10
37.5°	5	6	6	6	6	7	8	8	9	10	11
36.25°	6	6	6	6	7	7	8	9	10	11	12
35°	6	6	6	7	7	8	9	10	11	12	14



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6	6	7	7	8	9	10	11	12	13	15
32.5°	6	6	7	8	8	9	11	12	13	15	16
31.25°	6	7	7	8	9	10	11	13	14	16	18
30°	6	7	8	8	10	11	12	14	15	18	20
28.75°	7	7	8	9	10	12	13	15	17	19	22
27.5°	7	8	9	10	11	13	14	16	19	21	25
26.25°	7	8	9	11	12	14	15	18	20	23	28
25°	8	8	10	11	13	14	17	19	22	26	30
23.75°	8	9	10	12	14	15	18	21	24	29	33
22.5°	8	10	11	13	14	17	19	22	27	31	37
21.25°	9	10	12	13	15	18	21	24	29	34	42
20°	9	11	12	14	16	19	22	26	31	38	46
18.75°	10	11	13	15	17	20	24	28	33	41	50
17.5°	10	12	13	15	18	21	25	30	37	45	54
16.25°	10	12	14	16	19	22	27	32	40	48	59
15°	11	13	14	17	20	24	29	34	43	51	63
13.75°	11	13	15	18	21	25	30	37	46	55	67
12.5°	12	13	15	18	22	26	31	39	48	59	71
11.25°	12	14	16	19	22	27	33	42	50	63	75
10°	12	14	16	20	23	29	34	44	53	66	78
8.75°	12	14	17	20	24	29	36	45	56	68	82
7.5°	13	15	17	21	25	30	38	47	58	71	86
6.25°	13	15	18	21	26	31	39	48	60	73	89
5°	13	15	18	21	26	31	40	49	61	74	91
3.75°	13	15	18	22	27	32	41	50	63	76	93
2.5°	13	15	19	22	27	32	41	51	63	76	95
1.25°	13	15	19	22	27	32	42	51	64	77	96
0°	13	15	19	22	27	33	42	51	64	77	96
-1.25°	13	15	19	22	27	32	42	51	64	77	96
-2.5°	13	15	19	22	27	32	41	51	63	76	95
-3.75°	13	15	18	22	27	32	41	50	63	76	93
-5°	13	15	18	21	26	31	40	49	61	74	91
-6.25°	13	15	18	21	26	31	39	48	60	73	89
-7.5°	13	15	17	21	25	30	38	47	58	71	86
-8.75°	12	14	17	20	24	29	36	45	56	68	82
-10°	12	14	16	20	23	29	34	44	53	66	78
-11.25°	12	14	16	19	22	27	33	42	50	63	75
-12.5°	12	13	15	18	22	26	31	39	48	59	71
-13.75°	11	13	15	18	21	25	30	37	46	55	67
-15°	11	13	14	17	20	24	29	34	43	51	63
-16.25°	10	12	14	16	19	22	27	32	40	48	59
-17.5°	10	12	13	15	18	21	25	30	37	45	54
-18.75°	10	11	13	15	17	20	24	28	33	41	50
-20°	9	11	12	14	16	19	22	26	31	38	46
-21.25°	9	10	12	13	15	18	21	24	29	34	42



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	8	10	11	13	14	17	19	22	27	31	37
-23.75°	8	9	10	12	14	15	18	21	24	29	33
-25°	8	8	10	11	13	14	17	19	22	26	30
-26.25°	7	8	9	11	12	14	15	18	20	23	28
-27.5°	7	8	9	10	11	13	14	16	19	21	25
-28.75°	7	7	8	9	10	12	13	15	17	19	22
-30°	6	7	8	8	10	11	12	14	15	18	20
-31.25°	6	7	7	8	9	10	11	13	14	16	18
-32.5°	6	6	7	8	8	9	11	12	13	15	16
-33.75°	6	6	7	7	8	9	10	11	12	13	15
-35°	6	6	6	7	7	8	9	10	11	12	14
-36.25°	6	6	6	6	7	7	8	9	10	11	12
-37.5°	5	6	6	6	6	7	8	8	9	10	11
-38.75°	5	5	6	6	6	7	7	8	8	9	10
-40°	5	5	6	6	6	6	7	7	8	8	9
-41.25°	5	5	5	6	6	6	6	7	7	8	8
-42.5°	5	5	5	5	6	6	6	6	7	7	7
-43.75°	5	5	5	5	5	6	6	6	6	6	7
-45°	5	5	5	5	5	5	6	6	6	6	6
-46.25°	5	5	5	5	5	5	5	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	5	6	6
-48.75°	4	5	5	5	5	5	5	5	5	5	6
-50°	4	4	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	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	4	4	4	4	4	4	4	4	4
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	3	3	3
-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	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	3	3	3	3	3	3
71.25°	2	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	4
66.25°	3	3	3	3	3	4	4	4	4	4	4
65°	3	3	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	5
60°	4	4	4	4	4	4	5	5	5	5	5
58.75°	4	4	4	5	5	5	5	5	5	5	5
57.5°	4	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	6
53.75°	5	5	5	5	5	5	5	6	6	6	6
52.5°	5	5	5	5	5	6	6	6	6	6	6
51.25°	5	5	5	6	6	6	6	6	6	6	7
50°	5	6	6	6	6	6	6	7	7	7	7
48.75°	6	6	6	6	6	7	7	7	8	8	8
47.5°	6	6	6	7	7	7	8	8	8	9	10
46.25°	6	7	7	7	8	8	9	9	10	10	11
45°	7	7	8	8	8	9	10	11	11	12	13
43.75°	7	8	8	9	10	10	11	12	13	14	14
42.5°	8	9	9	10	11	12	13	14	14	15	17
41.25°	9	10	11	11	12	13	14	15	17	18	19
40°	10	11	12	13	14	15	16	18	19	21	22
38.75°	11	12	13	14	15	17	19	20	22	24	27
37.5°	12	13	15	16	18	19	21	23	26	29	31
36.25°	14	15	16	18	20	22	25	28	30	33	37
35°	15	17	19	20	23	26	29	32	36	41	45



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	17	19	21	23	26	30	33	38	43	48	53
32.5°	19	21	23	27	30	34	39	45	50	57	64
31.25°	20	23	27	30	34	40	46	52	59	67	74
30°	23	26	30	34	41	47	53	61	69	77	87
28.75°	26	30	34	40	47	54	62	70	79	90	101
27.5°	29	33	39	46	53	62	71	80	92	104	115
26.25°	32	38	45	52	61	70	80	93	105	119	136
25°	36	43	50	59	69	79	92	105	120	138	156
23.75°	41	48	57	67	77	90	104	119	138	157	178
22.5°	45	53	64	74	87	101	115	136	156	178	206
21.25°	49	60	70	82	97	112	132	153	175	205	234
20°	55	66	76	91	107	125	147	169	200	230	262
18.75°	60	71	85	100	117	140	162	191	223	255	293
17.5°	65	77	93	109	130	153	180	213	246	284	326
16.25°	70	84	101	118	143	167	199	233	271	313	360
15°	75	91	108	130	154	183	218	253	296	343	395
13.75°	80	98	115	140	165	199	235	276	322	373	430
12.5°	86	104	124	150	178	215	252	297	347	403	464
11.25°	92	109	133	159	192	229	270	318	372	432	497
10°	96	114	141	167	204	242	287	337	396	460	530
8.75°	101	121	147	176	215	254	302	357	418	486	559
7.5°	104	126	154	185	225	267	317	374	438	509	586
6.25°	107	131	159	193	233	277	329	389	456	530	609
5°	110	135	163	200	240	286	340	402	471	547	629
3.75°	112	138	166	205	245	293	349	412	483	561	646
2.5°	113	141	169	208	249	298	355	420	492	571	657
1.25°	114	142	170	211	251	302	359	424	497	577	665
0°	115	143	171	211	252	303	360	426	499	579	667
-1.25°	114	142	170	211	251	302	359	424	497	577	665
-2.5°	113	141	169	208	249	298	355	420	492	571	657
-3.75°	112	138	166	205	245	293	349	412	483	561	646
-5°	110	135	163	200	240	286	340	402	471	547	629
-6.25°	107	131	159	193	233	277	329	389	456	530	609
-7.5°	104	126	154	185	225	267	317	374	438	509	586
-8.75°	101	121	147	176	215	254	302	357	418	486	559
-10°	96	114	141	167	204	242	287	337	396	460	530
-11.25°	92	109	133	159	192	229	270	318	372	432	497
-12.5°	86	104	124	150	178	215	252	297	347	403	464
-13.75°	80	98	115	140	165	199	235	276	322	373	430
-15°	75	91	108	130	154	183	218	253	296	343	395
-16.25°	70	84	101	118	143	167	199	233	271	313	360
-17.5°	65	77	93	109	130	153	180	213	246	284	326
-18.75°	60	71	85	100	117	140	162	191	223	255	293
-20°	55	66	76	91	107	125	147	169	200	230	262
-21.25°	49	60	70	82	97	112	132	153	175	205	234



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	45	53	64	74	87	101	115	136	156	178	206
-23.75°	41	48	57	67	77	90	104	119	138	157	178
-25°	36	43	50	59	69	79	92	105	120	138	156
-26.25°	32	38	45	52	61	70	80	93	105	119	136
-27.5°	29	33	39	46	53	62	71	80	92	104	115
-28.75°	26	30	34	40	47	54	62	70	79	90	101
-30°	23	26	30	34	41	47	53	61	69	77	87
-31.25°	20	23	27	30	34	40	46	52	59	67	74
-32.5°	19	21	23	27	30	34	39	45	50	57	64
-33.75°	17	19	21	23	26	30	33	38	43	48	53
-35°	15	17	19	20	23	26	29	32	36	41	45
-36.25°	14	15	16	18	20	22	25	28	30	33	37
-37.5°	12	13	15	16	18	19	21	23	26	29	31
-38.75°	11	12	13	14	15	17	19	20	22	24	27
-40°	10	11	12	13	14	15	16	18	19	21	22
-41.25°	9	10	11	11	12	13	14	15	17	18	19
-42.5°	8	9	9	10	11	12	13	14	14	15	17
-43.75°	7	8	8	9	10	10	11	12	13	14	14
-45°	7	7	8	8	8	9	10	11	11	12	13
-46.25°	6	7	7	7	8	8	9	9	10	10	11
-47.5°	6	6	6	7	7	7	8	8	8	9	10
-48.75°	6	6	6	6	6	7	7	7	8	8	8
-50°	5	6	6	6	6	6	6	7	7	7	7
-51.25°	5	5	5	6	6	6	6	6	6	6	7
-52.5°	5	5	5	5	5	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	6
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	4	4	4	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	4
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	2	2	2	2	2	2	2
-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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	6	6
56.25°	5	5	5	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	7	7	7	7	7
52.5°	6	6	7	7	7	7	7	7	8	8	8
51.25°	7	7	7	8	8	8	8	8	9	9	9
50°	8	8	8	9	9	9	10	10	10	10	11
48.75°	9	9	10	10	10	11	11	12	12	12	12
47.5°	10	11	11	12	12	13	13	13	14	14	14
46.25°	12	12	13	13	14	14	15	15	16	16	17
45°	13	14	15	15	16	17	18	18	19	20	20
43.75°	15	16	17	18	19	20	21	22	22	23	24
42.5°	18	19	20	21	22	24	25	26	27	29	29
41.25°	21	22	24	25	27	29	30	31	33	34	36
40°	24	26	28	30	32	34	37	39	42	44	45
38.75°	29	31	33	37	40	43	46	48	50	53	56
37.5°	34	38	41	45	48	51	55	59	63	66	68
36.25°	42	46	50	54	59	63	67	71	75	78	82
35°	49	55	60	65	70	75	80	86	92	96	101



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	60	66	71	77	84	91	98	104	109	114	121
32.5°	70	76	85	93	101	108	115	124	133	141	147
31.25°	82	91	100	109	118	130	140	150	159	167	176
30°	97	107	117	130	143	154	165	178	192	204	215
28.75°	112	125	140	153	167	183	199	215	229	242	254
27.5°	132	147	162	180	199	218	235	252	270	287	302
26.25°	153	169	191	213	233	253	276	297	318	337	357
25°	175	200	223	246	271	296	322	347	372	396	418
23.75°	205	230	255	284	313	343	373	403	432	460	486
22.5°	234	262	293	326	360	395	430	464	497	530	559
21.25°	264	298	333	372	411	451	491	530	568	604	638
20°	298	336	378	421	466	511	555	600	643	684	722
18.75°	333	378	425	473	523	573	623	674	722	768	810
17.5°	372	421	473	527	582	638	695	751	804	854	902
16.25°	411	466	523	582	643	706	768	828	887	943	993
15°	451	511	573	638	706	774	841	908	971	1028	1083
13.75°	491	555	623	695	768	841	915	985	1051	1114	1171
12.5°	530	600	674	751	828	908	985	1059	1130	1194	1250
11.25°	568	643	722	804	887	971	1051	1130	1202	1266	1322
10°	604	684	768	854	943	1028	1114	1194	1266	1330	1383
8.75°	638	722	810	902	993	1083	1171	1250	1322	1383	1435
7.5°	669	757	848	945	1038	1132	1219	1299	1369	1428	1479
6.25°	696	787	883	981	1078	1173	1261	1340	1407	1465	1515
5°	719	813	912	1011	1111	1207	1294	1372	1437	1495	1545
3.75°	737	833	935	1035	1137	1233	1320	1397	1461	1518	1568
2.5°	751	848	952	1053	1156	1251	1339	1413	1478	1535	1585
1.25°	759	857	961	1064	1167	1263	1349	1423	1488	1545	1595
0°	762	860	965	1068	1171	1267	1353	1426	1491	1548	1599
-1.25°	759	857	961	1064	1167	1263	1349	1423	1488	1545	1595
-2.5°	751	848	952	1053	1156	1251	1339	1413	1478	1535	1585
-3.75°	737	833	935	1035	1137	1233	1320	1397	1461	1518	1568
-5°	719	813	912	1011	1111	1207	1294	1372	1437	1495	1545
-6.25°	696	787	883	981	1078	1173	1261	1340	1407	1465	1515
-7.5°	669	757	848	945	1038	1132	1219	1299	1369	1428	1479
-8.75°	638	722	810	902	993	1083	1171	1250	1322	1383	1435
-10°	604	684	768	854	943	1028	1114	1194	1266	1330	1383
-11.25°	568	643	722	804	887	971	1051	1130	1202	1266	1322
-12.5°	530	600	674	751	828	908	985	1059	1130	1194	1250
-13.75°	491	555	623	695	768	841	915	985	1051	1114	1171
-15°	451	511	573	638	706	774	841	908	971	1028	1083
-16.25°	411	466	523	582	643	706	768	828	887	943	993
-17.5°	372	421	473	527	582	638	695	751	804	854	902
-18.75°	333	378	425	473	523	573	623	674	722	768	810
-20°	298	336	378	421	466	511	555	600	643	684	722
-21.25°	264	298	333	372	411	451	491	530	568	604	638



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	234	262	293	326	360	395	430	464	497	530	559
-23.75°	205	230	255	284	313	343	373	403	432	460	486
-25°	175	200	223	246	271	296	322	347	372	396	418
-26.25°	153	169	191	213	233	253	276	297	318	337	357
-27.5°	132	147	162	180	199	218	235	252	270	287	302
-28.75°	112	125	140	153	167	183	199	215	229	242	254
-30°	97	107	117	130	143	154	165	178	192	204	215
-31.25°	82	91	100	109	118	130	140	150	159	167	176
-32.5°	70	76	85	93	101	108	115	124	133	141	147
-33.75°	60	66	71	77	84	91	98	104	109	114	121
-35°	49	55	60	65	70	75	80	86	92	96	101
-36.25°	42	46	50	54	59	63	67	71	75	78	82
-37.5°	34	38	41	45	48	51	55	59	63	66	68
-38.75°	29	31	33	37	40	43	46	48	50	53	56
-40°	24	26	28	30	32	34	37	39	42	44	45
-41.25°	21	22	24	25	27	29	30	31	33	34	36
-42.5°	18	19	20	21	22	24	25	26	27	29	29
-43.75°	15	16	17	18	19	20	21	22	22	23	24
-45°	13	14	15	15	16	17	18	18	19	20	20
-46.25°	12	12	13	13	14	14	15	15	16	16	17
-47.5°	10	11	11	12	12	13	13	13	14	14	14
-48.75°	9	9	10	10	10	11	11	12	12	12	12
-50°	8	8	8	9	9	9	10	10	10	10	11
-51.25°	7	7	7	8	8	8	8	8	9	9	9
-52.5°	6	6	7	7	7	7	7	7	8	8	8
-53.75°	6	6	6	6	6	6	7	7	7	7	7
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	5	5	5	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	5	5	5	5	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	3	4	4	4	4
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	2	2	2	2	2
-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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	5	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	7	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	9	9	10	10	10	10	10	10	10	10	10
50°	11	11	11	11	11	11	11	11	11	11	11
48.75°	13	13	13	13	13	13	13	13	13	13	13
47.5°	15	15	15	15	15	15	15	15	15	15	15
46.25°	17	18	18	18	19	19	19	19	19	18	18
45°	21	21	21	22	22	22	22	22	22	22	21
43.75°	25	26	26	27	27	27	27	27	27	27	26
42.5°	30	31	31	32	32	32	33	32	32	32	31
41.25°	38	39	40	41	41	42	42	42	41	41	40
40°	47	48	49	50	51	51	51	51	51	50	49
38.75°	58	60	61	63	63	64	64	64	63	63	61
37.5°	71	73	74	76	76	77	77	77	76	76	74
36.25°	86	89	91	93	95	96	96	96	95	93	91
35°	104	107	110	112	113	114	115	114	113	112	110



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	126	131	135	138	141	142	143	142	141	138	135
32.5°	154	159	163	166	169	170	171	170	169	166	163
31.25°	185	193	200	205	208	211	211	211	208	205	200
30°	225	233	240	245	249	251	252	251	249	245	240
28.75°	267	277	286	293	298	302	303	302	298	293	286
27.5°	317	329	340	349	355	359	360	359	355	349	340
26.25°	374	389	402	412	420	424	426	424	420	412	402
25°	438	456	471	483	492	497	499	497	492	483	471
23.75°	509	530	547	561	571	577	579	577	571	561	547
22.5°	586	609	629	646	657	665	667	665	657	646	629
21.25°	669	696	719	737	751	759	762	759	751	737	719
20°	757	787	813	833	848	857	860	857	848	833	813
18.75°	848	883	912	935	952	961	965	961	952	935	912
17.5°	945	981	1011	1035	1053	1064	1068	1064	1053	1035	1011
16.25°	1038	1078	1111	1137	1156	1167	1171	1167	1156	1137	1111
15°	1132	1173	1207	1233	1251	1263	1267	1263	1251	1233	1207
13.75°	1219	1261	1294	1320	1339	1349	1353	1349	1339	1320	1294
12.5°	1299	1340	1372	1397	1413	1423	1426	1423	1413	1397	1372
11.25°	1369	1407	1437	1461	1478	1488	1491	1488	1478	1461	1437
10°	1428	1465	1495	1518	1535	1545	1548	1545	1535	1518	1495
8.75°	1479	1515	1545	1568	1585	1595	1599	1595	1585	1568	1545
7.5°	1522	1558	1589	1612	1630	1639	1643	1639	1630	1612	1589
6.25°	1558	1596	1627	1649	1663	1669	1671	1669	1663	1649	1627
5°	1589	1627	1656	1671	1678	1680	1681	1680	1678	1671	1656
3.75°	1612	1649	1671	1679	1681	1681	1680	1681	1681	1679	1671
2.5°	1630	1663	1678	1681	1679	1676	1675	1676	1679	1681	1678
1.25°	1639	1669	1680	1681	1676	1674	1675	1674	1676	1681	1680
0°	1643	1671	1681	1680	1675	1675	1681	1675	1675	1680	1681
-1.25°	1639	1669	1680	1681	1676	1674	1675	1674	1676	1681	1680
-2.5°	1630	1663	1678	1681	1679	1676	1675	1676	1679	1681	1678
-3.75°	1612	1649	1671	1679	1681	1681	1680	1681	1681	1679	1671
-5°	1589	1627	1656	1671	1678	1680	1681	1680	1678	1671	1656
-6.25°	1558	1596	1627	1649	1663	1669	1671	1669	1663	1649	1627
-7.5°	1522	1558	1589	1612	1630	1639	1643	1639	1630	1612	1589
-8.75°	1479	1515	1545	1568	1585	1595	1599	1595	1585	1568	1545
-10°	1428	1465	1495	1518	1535	1545	1548	1545	1535	1518	1495
-11.25°	1369	1407	1437	1461	1478	1488	1491	1488	1478	1461	1437
-12.5°	1299	1340	1372	1397	1413	1423	1426	1423	1413	1397	1372
-13.75°	1219	1261	1294	1320	1339	1349	1353	1349	1339	1320	1294
-15°	1132	1173	1207	1233	1251	1263	1267	1263	1251	1233	1207
-16.25°	1038	1078	1111	1137	1156	1167	1171	1167	1156	1137	1111
-17.5°	945	981	1011	1035	1053	1064	1068	1064	1053	1035	1011
-18.75°	848	883	912	935	952	961	965	961	952	935	912
-20°	757	787	813	833	848	857	860	857	848	833	813
-21.25°	669	696	719	737	751	759	762	759	751	737	719



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	586	609	629	646	657	665	667	665	657	646	629
-23.75°	509	530	547	561	571	577	579	577	571	561	547
-25°	438	456	471	483	492	497	499	497	492	483	471
-26.25°	374	389	402	412	420	424	426	424	420	412	402
-27.5°	317	329	340	349	355	359	360	359	355	349	340
-28.75°	267	277	286	293	298	302	303	302	298	293	286
-30°	225	233	240	245	249	251	252	251	249	245	240
-31.25°	185	193	200	205	208	211	211	211	208	205	200
-32.5°	154	159	163	166	169	170	171	170	169	166	163
-33.75°	126	131	135	138	141	142	143	142	141	138	135
-35°	104	107	110	112	113	114	115	114	113	112	110
-36.25°	86	89	91	93	95	96	96	96	95	93	91
-37.5°	71	73	74	76	76	77	77	77	76	76	74
-38.75°	58	60	61	63	63	64	64	64	63	63	61
-40°	47	48	49	50	51	51	51	51	51	50	49
-41.25°	38	39	40	41	41	42	42	42	41	41	40
-42.5°	30	31	31	32	32	32	33	32	32	32	31
-43.75°	25	26	26	27	27	27	27	27	27	27	26
-45°	21	21	21	22	22	22	22	22	22	22	21
-46.25°	17	18	18	18	19	19	19	19	19	18	18
-47.5°	15	15	15	15	15	15	15	15	15	15	15
-48.75°	13	13	13	13	13	13	13	13	13	13	13
-50°	11	11	11	11	11	11	11	11	11	11	11
-51.25°	9	9	10	10	10	10	10	10	10	10	10
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	7	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	5	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	2	2	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	3	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	5	5	5	5	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	5
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	7	7	6	6	6	6
52.5°	8	8	8	8	8	7	7	7	7	7	7
51.25°	9	9	9	9	9	8	8	8	8	8	7
50°	11	11	11	10	10	10	10	9	9	9	8
48.75°	13	13	12	12	12	12	11	11	10	10	10
47.5°	15	15	14	14	14	13	13	13	12	12	11
46.25°	18	17	17	16	16	15	15	14	14	13	13
45°	21	21	20	20	19	18	18	17	16	15	15
43.75°	26	25	24	23	22	22	21	20	19	18	17
42.5°	31	30	29	29	27	26	25	24	22	21	20
41.25°	39	38	36	34	33	31	30	29	27	25	24
40°	48	47	45	44	42	39	37	34	32	30	28
38.75°	60	58	56	53	50	48	46	43	40	37	33
37.5°	73	71	68	66	63	59	55	51	48	45	41
36.25°	89	86	82	78	75	71	67	63	59	54	50
35°	107	104	101	96	92	86	80	75	70	65	60



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	131	126	121	114	109	104	98	91	84	77	71
32.5°	159	154	147	141	133	124	115	108	101	93	85
31.25°	193	185	176	167	159	150	140	130	118	109	100
30°	233	225	215	204	192	178	165	154	143	130	117
28.75°	277	267	254	242	229	215	199	183	167	153	140
27.5°	329	317	302	287	270	252	235	218	199	180	162
26.25°	389	374	357	337	318	297	276	253	233	213	191
25°	456	438	418	396	372	347	322	296	271	246	223
23.75°	530	509	486	460	432	403	373	343	313	284	255
22.5°	609	586	559	530	497	464	430	395	360	326	293
21.25°	696	669	638	604	568	530	491	451	411	372	333
20°	787	757	722	684	643	600	555	511	466	421	378
18.75°	883	848	810	768	722	674	623	573	523	473	425
17.5°	981	945	902	854	804	751	695	638	582	527	473
16.25°	1078	1038	993	943	887	828	768	706	643	582	523
15°	1173	1132	1083	1028	971	908	841	774	706	638	573
13.75°	1261	1219	1171	1114	1051	985	915	841	768	695	623
12.5°	1340	1299	1250	1194	1130	1059	985	908	828	751	674
11.25°	1407	1369	1322	1266	1202	1130	1051	971	887	804	722
10°	1465	1428	1383	1330	1266	1194	1114	1028	943	854	768
8.75°	1515	1479	1435	1383	1322	1250	1171	1083	993	902	810
7.5°	1558	1522	1479	1428	1369	1299	1219	1132	1038	945	848
6.25°	1596	1558	1515	1465	1407	1340	1261	1173	1078	981	883
5°	1627	1589	1545	1495	1437	1372	1294	1207	1111	1011	912
3.75°	1649	1612	1568	1518	1461	1397	1320	1233	1137	1035	935
2.5°	1663	1630	1585	1535	1478	1413	1339	1251	1156	1053	952
1.25°	1669	1639	1595	1545	1488	1423	1349	1263	1167	1064	961
0°	1671	1643	1599	1548	1491	1426	1353	1267	1171	1068	965
-1.25°	1669	1639	1595	1545	1488	1423	1349	1263	1167	1064	961
-2.5°	1663	1630	1585	1535	1478	1413	1339	1251	1156	1053	952
-3.75°	1649	1612	1568	1518	1461	1397	1320	1233	1137	1035	935
-5°	1627	1589	1545	1495	1437	1372	1294	1207	1111	1011	912
-6.25°	1596	1558	1515	1465	1407	1340	1261	1173	1078	981	883
-7.5°	1558	1522	1479	1428	1369	1299	1219	1132	1038	945	848
-8.75°	1515	1479	1435	1383	1322	1250	1171	1083	993	902	810
-10°	1465	1428	1383	1330	1266	1194	1114	1028	943	854	768
-11.25°	1407	1369	1322	1266	1202	1130	1051	971	887	804	722
-12.5°	1340	1299	1250	1194	1130	1059	985	908	828	751	674
-13.75°	1261	1219	1171	1114	1051	985	915	841	768	695	623
-15°	1173	1132	1083	1028	971	908	841	774	706	638	573
-16.25°	1078	1038	993	943	887	828	768	706	643	582	523
-17.5°	981	945	902	854	804	751	695	638	582	527	473
-18.75°	883	848	810	768	722	674	623	573	523	473	425
-20°	787	757	722	684	643	600	555	511	466	421	378
-21.25°	696	669	638	604	568	530	491	451	411	372	333



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	609	586	559	530	497	464	430	395	360	326	293
-23.75°	530	509	486	460	432	403	373	343	313	284	255
-25°	456	438	418	396	372	347	322	296	271	246	223
-26.25°	389	374	357	337	318	297	276	253	233	213	191
-27.5°	329	317	302	287	270	252	235	218	199	180	162
-28.75°	277	267	254	242	229	215	199	183	167	153	140
-30°	233	225	215	204	192	178	165	154	143	130	117
-31.25°	193	185	176	167	159	150	140	130	118	109	100
-32.5°	159	154	147	141	133	124	115	108	101	93	85
-33.75°	131	126	121	114	109	104	98	91	84	77	71
-35°	107	104	101	96	92	86	80	75	70	65	60
-36.25°	89	86	82	78	75	71	67	63	59	54	50
-37.5°	73	71	68	66	63	59	55	51	48	45	41
-38.75°	60	58	56	53	50	48	46	43	40	37	33
-40°	48	47	45	44	42	39	37	34	32	30	28
-41.25°	39	38	36	34	33	31	30	29	27	25	24
-42.5°	31	30	29	29	27	26	25	24	22	21	20
-43.75°	26	25	24	23	22	22	21	20	19	18	17
-45°	21	21	20	20	19	18	18	17	16	15	15
-46.25°	18	17	17	16	16	15	15	14	14	13	13
-47.5°	15	15	14	14	14	13	13	13	12	12	11
-48.75°	13	13	12	12	12	12	11	11	10	10	10
-50°	11	11	11	10	10	10	10	9	9	9	8
-51.25°	9	9	9	9	9	8	8	8	8	8	7
-52.5°	8	8	8	8	8	7	7	7	7	7	7
-53.75°	7	7	7	7	7	7	7	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	5
-57.5°	6	6	6	6	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	2	2	2	2	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	4	4	4	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	4	4	4	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	6	6	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	5	5	5
51.25°	7	7	7	6	6	6	6	6	6	6	5
50°	8	8	7	7	7	7	6	6	6	6	6
48.75°	9	9	8	8	8	7	7	7	6	6	6
47.5°	11	10	10	9	8	8	8	7	7	7	6
46.25°	12	12	11	10	10	9	9	8	8	7	7
45°	14	13	13	12	11	11	10	9	8	8	8
43.75°	16	15	14	14	13	12	11	10	10	9	8
42.5°	19	18	17	15	14	14	13	12	11	10	9
41.25°	22	21	19	18	17	15	14	13	12	11	11
40°	26	24	22	21	19	18	16	15	14	13	12
38.75°	31	29	27	24	22	20	19	17	15	14	13
37.5°	38	34	31	29	26	23	21	19	18	16	15
36.25°	46	42	37	33	30	28	25	22	20	18	16
35°	55	49	45	41	36	32	29	26	23	20	19



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	66	60	53	48	43	38	33	30	26	23	21
32.5°	76	70	64	57	50	45	39	34	30	27	23
31.25°	91	82	74	67	59	52	46	40	34	30	27
30°	107	97	87	77	69	61	53	47	41	34	30
28.75°	125	112	101	90	79	70	62	54	47	40	34
27.5°	147	132	115	104	92	80	71	62	53	46	39
26.25°	169	153	136	119	105	93	80	70	61	52	45
25°	200	175	156	138	120	105	92	79	69	59	50
23.75°	230	205	178	157	138	119	104	90	77	67	57
22.5°	262	234	206	178	156	136	115	101	87	74	64
21.25°	298	264	234	205	175	153	132	112	97	82	70
20°	336	298	262	230	200	169	147	125	107	91	76
18.75°	378	333	293	255	223	191	162	140	117	100	85
17.5°	421	372	326	284	246	213	180	153	130	109	93
16.25°	466	411	360	313	271	233	199	167	143	118	101
15°	511	451	395	343	296	253	218	183	154	130	108
13.75°	555	491	430	373	322	276	235	199	165	140	115
12.5°	600	530	464	403	347	297	252	215	178	150	124
11.25°	643	568	497	432	372	318	270	229	192	159	133
10°	684	604	530	460	396	337	287	242	204	167	141
8.75°	722	638	559	486	418	357	302	254	215	176	147
7.5°	757	669	586	509	438	374	317	267	225	185	154
6.25°	787	696	609	530	456	389	329	277	233	193	159
5°	813	719	629	547	471	402	340	286	240	200	163
3.75°	833	737	646	561	483	412	349	293	245	205	166
2.5°	848	751	657	571	492	420	355	298	249	208	169
1.25°	857	759	665	577	497	424	359	302	251	211	170
0°	860	762	667	579	499	426	360	303	252	211	171
-1.25°	857	759	665	577	497	424	359	302	251	211	170
-2.5°	848	751	657	571	492	420	355	298	249	208	169
-3.75°	833	737	646	561	483	412	349	293	245	205	166
-5°	813	719	629	547	471	402	340	286	240	200	163
-6.25°	787	696	609	530	456	389	329	277	233	193	159
-7.5°	757	669	586	509	438	374	317	267	225	185	154
-8.75°	722	638	559	486	418	357	302	254	215	176	147
-10°	684	604	530	460	396	337	287	242	204	167	141
-11.25°	643	568	497	432	372	318	270	229	192	159	133
-12.5°	600	530	464	403	347	297	252	215	178	150	124
-13.75°	555	491	430	373	322	276	235	199	165	140	115
-15°	511	451	395	343	296	253	218	183	154	130	108
-16.25°	466	411	360	313	271	233	199	167	143	118	101
-17.5°	421	372	326	284	246	213	180	153	130	109	93
-18.75°	378	333	293	255	223	191	162	140	117	100	85
-20°	336	298	262	230	200	169	147	125	107	91	76
-21.25°	298	264	234	205	175	153	132	112	97	82	70



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	262	234	206	178	156	136	115	101	87	74	64
-23.75°	230	205	178	157	138	119	104	90	77	67	57
-25°	200	175	156	138	120	105	92	79	69	59	50
-26.25°	169	153	136	119	105	93	80	70	61	52	45
-27.5°	147	132	115	104	92	80	71	62	53	46	39
-28.75°	125	112	101	90	79	70	62	54	47	40	34
-30°	107	97	87	77	69	61	53	47	41	34	30
-31.25°	91	82	74	67	59	52	46	40	34	30	27
-32.5°	76	70	64	57	50	45	39	34	30	27	23
-33.75°	66	60	53	48	43	38	33	30	26	23	21
-35°	55	49	45	41	36	32	29	26	23	20	19
-36.25°	46	42	37	33	30	28	25	22	20	18	16
-37.5°	38	34	31	29	26	23	21	19	18	16	15
-38.75°	31	29	27	24	22	20	19	17	15	14	13
-40°	26	24	22	21	19	18	16	15	14	13	12
-41.25°	22	21	19	18	17	15	14	13	12	11	11
-42.5°	19	18	17	15	14	14	13	12	11	10	9
-43.75°	16	15	14	14	13	12	11	10	10	9	8
-45°	14	13	13	12	11	11	10	9	8	8	8
-46.25°	12	12	11	10	10	9	9	8	8	7	7
-47.5°	11	10	10	9	8	8	8	7	7	7	6
-48.75°	9	9	8	8	8	7	7	7	6	6	6
-50°	8	8	7	7	7	7	6	6	6	6	6
-51.25°	7	7	7	6	6	6	6	6	6	6	5
-52.5°	6	6	6	6	6	6	6	6	5	5	5
-53.75°	6	6	6	6	6	6	5	5	5	5	5
-55°	6	6	6	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	4
-60°	5	5	5	5	5	5	5	4	4	4	4
-61.25°	5	5	5	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	3	3	3
-67.5°	4	4	4	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	2	2	2	2	2	2	2	2	2	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	2	2	2	2	2	1	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	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°	3	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	4	4	4	4	4	4	4	4
55°	5	5	5	5	5	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	4
50°	6	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	5	5	5	5	5	5	5
46.25°	7	6	6	6	6	6	5	5	5	5	5
45°	7	7	6	6	6	6	6	5	5	5	5
43.75°	8	7	7	6	6	6	6	6	5	5	5
42.5°	9	8	7	7	7	6	6	6	6	5	5
41.25°	10	9	8	8	7	7	6	6	6	6	5
40°	11	10	9	8	8	7	7	6	6	6	6
38.75°	12	11	10	9	8	8	7	7	6	6	6
37.5°	13	12	11	10	9	8	8	7	6	6	6
36.25°	15	14	12	11	10	9	8	7	7	6	6
35°	17	15	14	12	11	10	9	8	7	7	6



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	19	17	15	13	12	11	10	9	8	7	7
32.5°	21	19	16	15	13	12	11	9	8	8	7
31.25°	23	20	18	16	14	13	11	10	9	8	7
30°	26	23	20	18	15	14	12	11	10	8	8
28.75°	30	26	22	19	17	15	13	12	10	9	8
27.5°	33	29	25	21	19	16	14	13	11	10	9
26.25°	38	32	28	23	20	18	15	14	12	11	9
25°	43	36	30	26	22	19	17	14	13	11	10
23.75°	48	41	33	29	24	21	18	15	14	12	10
22.5°	53	45	37	31	27	22	19	17	14	13	11
21.25°	60	49	42	34	29	24	21	18	15	13	12
20°	66	55	46	38	31	26	22	19	16	14	12
18.75°	71	60	50	41	33	28	24	20	17	15	13
17.5°	77	65	54	45	37	30	25	21	18	15	13
16.25°	84	70	59	48	40	32	27	22	19	16	14
15°	91	75	63	51	43	34	29	24	20	17	14
13.75°	98	80	67	55	46	37	30	25	21	18	15
12.5°	104	86	71	59	48	39	31	26	22	18	15
11.25°	109	92	75	63	50	42	33	27	22	19	16
10°	114	96	78	66	53	44	34	29	23	20	16
8.75°	121	101	82	68	56	45	36	29	24	20	17
7.5°	126	104	86	71	58	47	38	30	25	21	17
6.25°	131	107	89	73	60	48	39	31	26	21	18
5°	135	110	91	74	61	49	40	31	26	21	18
3.75°	138	112	93	76	63	50	41	32	27	22	18
2.5°	141	113	95	76	63	51	41	32	27	22	19
1.25°	142	114	96	77	64	51	42	32	27	22	19
0°	143	115	96	77	64	51	42	33	27	22	19
-1.25°	142	114	96	77	64	51	42	32	27	22	19
-2.5°	141	113	95	76	63	51	41	32	27	22	19
-3.75°	138	112	93	76	63	50	41	32	27	22	18
-5°	135	110	91	74	61	49	40	31	26	21	18
-6.25°	131	107	89	73	60	48	39	31	26	21	18
-7.5°	126	104	86	71	58	47	38	30	25	21	17
-8.75°	121	101	82	68	56	45	36	29	24	20	17
-10°	114	96	78	66	53	44	34	29	23	20	16
-11.25°	109	92	75	63	50	42	33	27	22	19	16
-12.5°	104	86	71	59	48	39	31	26	22	18	15
-13.75°	98	80	67	55	46	37	30	25	21	18	15
-15°	91	75	63	51	43	34	29	24	20	17	14
-16.25°	84	70	59	48	40	32	27	22	19	16	14
-17.5°	77	65	54	45	37	30	25	21	18	15	13
-18.75°	71	60	50	41	33	28	24	20	17	15	13
-20°	66	55	46	38	31	26	22	19	16	14	12
-21.25°	60	49	42	34	29	24	21	18	15	13	12



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	53	45	37	31	27	22	19	17	14	13	11
-23.75°	48	41	33	29	24	21	18	15	14	12	10
-25°	43	36	30	26	22	19	17	14	13	11	10
-26.25°	38	32	28	23	20	18	15	14	12	11	9
-27.5°	33	29	25	21	19	16	14	13	11	10	9
-28.75°	30	26	22	19	17	15	13	12	10	9	8
-30°	26	23	20	18	15	14	12	11	10	8	8
-31.25°	23	20	18	16	14	13	11	10	9	8	7
-32.5°	21	19	16	15	13	12	11	9	8	8	7
-33.75°	19	17	15	13	12	11	10	9	8	7	7
-35°	17	15	14	12	11	10	9	8	7	7	6
-36.25°	15	14	12	11	10	9	8	7	7	6	6
-37.5°	13	12	11	10	9	8	8	7	6	6	6
-38.75°	12	11	10	9	8	8	7	7	6	6	6
-40°	11	10	9	8	8	7	7	6	6	6	6
-41.25°	10	9	8	8	7	7	6	6	6	6	5
-42.5°	9	8	7	7	7	6	6	6	6	5	5
-43.75°	8	7	7	6	6	6	6	6	5	5	5
-45°	7	7	6	6	6	6	6	5	5	5	5
-46.25°	7	6	6	6	6	6	5	5	5	5	5
-47.5°	6	6	6	6	5	5	5	5	5	5	5
-48.75°	6	6	6	5	5	5	5	5	5	5	5
-50°	6	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	5	5	5	4	4	4
-53.75°	5	5	5	5	5	5	5	4	4	4	4
-55°	5	5	5	5	5	4	4	4	4	4	4
-56.25°	5	5	5	4	4	4	4	4	4	4	4
-57.5°	5	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	4	4	4	4	4	4	3	3	3
-62.5°	4	4	4	4	4	4	3	3	3	3	3
-63.75°	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	2	2	2
-70°	3	3	3	3	3	2	2	2	2	2	2
-71.25°	3	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	1	1
-77.5°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	2	2	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	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	2	2	2
60°	3	3	3	3	3	3	3	3	3	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	2
57.5°	4	4	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	3	3	3	3	3	3	3	3
55°	4	4	4	4	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	3	3	3	3
50°	4	4	4	4	4	4	4	4	3	3	3
48.75°	5	4	4	4	4	4	4	4	4	3	3
47.5°	5	5	4	4	4	4	4	4	4	3	3
46.25°	5	5	5	4	4	4	4	4	4	4	3
45°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	4	4	4	4	4	4	4
42.5°	5	5	5	5	5	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	4	4	4	4	4
40°	5	5	5	5	5	5	4	4	4	4	4
38.75°	5	5	5	5	5	5	5	4	4	4	4
37.5°	6	5	5	5	5	5	5	4	4	4	4
36.25°	6	6	5	5	5	5	5	5	4	4	4
35°	6	6	5	5	5	5	5	5	4	4	4



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	6	6	6	5	5	5	5	5	5	4	4
32.5°	6	6	6	5	5	5	5	5	5	4	4
31.25°	7	6	6	6	5	5	5	5	5	5	4
30°	7	6	6	6	5	5	5	5	5	5	4
28.75°	7	7	6	6	6	5	5	5	5	5	4
27.5°	8	7	6	6	6	5	5	5	5	5	5
26.25°	8	7	7	6	6	6	5	5	5	5	5
25°	8	8	7	6	6	6	5	5	5	5	5
23.75°	9	8	7	6	6	6	5	5	5	5	5
22.5°	10	8	7	7	6	6	6	5	5	5	5
21.25°	10	9	8	7	6	6	6	5	5	5	5
20°	11	9	8	7	6	6	6	5	5	5	5
18.75°	11	10	8	7	7	6	6	5	5	5	5
17.5°	12	10	9	8	7	6	6	6	5	5	5
16.25°	12	10	9	8	7	6	6	6	5	5	5
15°	13	11	9	8	7	6	6	6	5	5	5
13.75°	13	11	10	8	7	7	6	6	5	5	5
12.5°	13	12	10	8	7	7	6	6	5	5	5
11.25°	14	12	10	9	8	7	6	6	5	5	5
10°	14	12	10	9	8	7	6	6	6	5	5
8.75°	14	12	11	9	8	7	6	6	6	5	5
7.5°	15	13	11	9	8	7	6	6	6	5	5
6.25°	15	13	11	9	8	7	6	6	6	5	5
5°	15	13	11	10	8	7	6	6	6	5	5
3.75°	15	13	11	10	8	7	6	6	6	5	5
2.5°	15	13	11	10	8	7	6	6	6	5	5
1.25°	15	13	11	10	8	7	6	6	6	5	5
0°	15	13	11	10	8	7	6	6	6	5	5
-1.25°	15	13	11	10	8	7	6	6	6	5	5
-2.5°	15	13	11	10	8	7	6	6	6	5	5
-3.75°	15	13	11	10	8	7	6	6	6	5	5
-5°	15	13	11	10	8	7	6	6	6	5	5
-6.25°	15	13	11	9	8	7	6	6	6	5	5
-7.5°	15	13	11	9	8	7	6	6	6	5	5
-8.75°	14	12	11	9	8	7	6	6	6	5	5
-10°	14	12	10	9	8	7	6	6	6	5	5
-11.25°	14	12	10	9	8	7	6	6	5	5	5
-12.5°	13	12	10	8	7	7	6	6	5	5	5
-13.75°	13	11	10	8	7	7	6	6	5	5	5
-15°	13	11	9	8	7	6	6	6	5	5	5
-16.25°	12	10	9	8	7	6	6	6	5	5	5
-17.5°	12	10	9	8	7	6	6	6	5	5	5
-18.75°	11	10	8	7	7	6	6	5	5	5	5
-20°	11	9	8	7	6	6	6	5	5	5	5
-21.25°	10	9	8	7	6	6	6	5	5	5	5



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	10	8	7	7	6	6	6	5	5	5	5
-23.75°	9	8	7	6	6	6	5	5	5	5	5
-25°	8	8	7	6	6	6	5	5	5	5	5
-26.25°	8	7	7	6	6	6	5	5	5	5	5
-27.5°	8	7	6	6	6	5	5	5	5	5	5
-28.75°	7	7	6	6	6	5	5	5	5	5	4
-30°	7	6	6	6	5	5	5	5	5	5	4
-31.25°	7	6	6	6	5	5	5	5	5	5	4
-32.5°	6	6	6	5	5	5	5	5	5	4	4
-33.75°	6	6	6	5	5	5	5	5	5	4	4
-35°	6	6	5	5	5	5	5	5	4	4	4
-36.25°	6	6	5	5	5	5	5	5	4	4	4
-37.5°	6	5	5	5	5	5	5	4	4	4	4
-38.75°	5	5	5	5	5	5	5	4	4	4	4
-40°	5	5	5	5	5	5	4	4	4	4	4
-41.25°	5	5	5	5	5	5	4	4	4	4	4
-42.5°	5	5	5	5	5	4	4	4	4	4	4
-43.75°	5	5	5	5	4	4	4	4	4	4	4
-45°	5	5	5	5	4	4	4	4	4	4	4
-46.25°	5	5	5	4	4	4	4	4	4	4	3
-47.5°	5	5	4	4	4	4	4	4	4	3	3
-48.75°	5	4	4	4	4	4	4	4	4	3	3
-50°	4	4	4	4	4	4	4	4	3	3	3
-51.25°	4	4	4	4	4	4	4	3	3	3	3
-52.5°	4	4	4	4	4	4	3	3	3	3	3
-53.75°	4	4	4	4	4	3	3	3	3	3	3
-55°	4	4	4	4	3	3	3	3	3	3	3
-56.25°	4	4	4	3	3	3	3	3	3	3	3
-57.5°	4	4	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	2
-60°	3	3	3	3	3	3	3	3	3	2	2
-61.25°	3	3	3	3	3	3	3	3	2	2	2
-62.5°	3	3	3	3	3	3	3	2	2	2	2
-63.75°	3	3	3	3	3	2	2	2	2	2	2
-65°	3	3	3	3	2	2	2	2	2	2	2
-66.25°	3	3	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	1	1
-72.5°	2	2	2	2	2	2	2	1	1	1	1
-73.75°	2	2	2	2	2	1	1	1	1	1	1
-75°	2	2	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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°	2	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	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	1	1	1	1	1
62.5°	2	2	2	2	2	2	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	3	2	2	2	2	2	2	2	2	1	1
55°	3	3	2	2	2	2	2	2	2	2	1
53.75°	3	3	2	2	2	2	2	2	2	2	1
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	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	2	2	2	2	2
46.25°	3	3	3	3	3	3	2	2	2	2	2
45°	3	3	3	3	3	3	2	2	2	2	2
43.75°	3	3	3	3	3	3	2	2	2	2	2
42.5°	4	3	3	3	3	3	3	2	2	2	2
41.25°	4	3	3	3	3	3	3	2	2	2	2
40°	4	4	3	3	3	3	3	2	2	2	2
38.75°	4	4	3	3	3	3	3	3	2	2	2
37.5°	4	4	3	3	3	3	3	3	2	2	2
36.25°	4	4	4	3	3	3	3	3	2	2	2
35°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	4	4	4	3	3	3	3	3	3	2	2
32.5°	4	4	4	4	3	3	3	3	3	2	2
31.25°	4	4	4	4	3	3	3	3	3	2	2
30°	4	4	4	4	3	3	3	3	3	2	2
28.75°	4	4	4	4	4	3	3	3	3	3	2
27.5°	4	4	4	4	4	3	3	3	3	3	2
26.25°	4	4	4	4	4	3	3	3	3	3	2
25°	4	4	4	4	4	3	3	3	3	3	2
23.75°	4	4	4	4	4	3	3	3	3	3	2
22.5°	5	4	4	4	4	4	3	3	3	3	2
21.25°	5	4	4	4	4	4	3	3	3	3	2
20°	5	4	4	4	4	4	3	3	3	3	2
18.75°	5	4	4	4	4	4	3	3	3	3	3
17.5°	5	4	4	4	4	4	3	3	3	3	3
16.25°	5	5	4	4	4	4	3	3	3	3	3
15°	5	5	4	4	4	4	3	3	3	3	3
13.75°	5	5	4	4	4	4	3	3	3	3	3
12.5°	5	5	4	4	4	4	4	3	3	3	3
11.25°	5	5	4	4	4	4	4	3	3	3	3
10°	5	5	4	4	4	4	4	3	3	3	3
8.75°	5	5	4	4	4	4	4	3	3	3	3
7.5°	5	5	4	4	4	4	4	3	3	3	3
6.25°	5	5	4	4	4	4	4	3	3	3	3
5°	5	5	4	4	4	4	4	3	3	3	3
3.75°	5	5	4	4	4	4	4	3	3	3	3
2.5°	5	5	4	4	4	4	4	3	3	3	3
1.25°	5	5	4	4	4	4	4	3	3	3	3
0°	5	5	5	4	4	4	4	3	3	3	3
-1.25°	5	5	4	4	4	4	4	3	3	3	3
-2.5°	5	5	4	4	4	4	4	3	3	3	3
-3.75°	5	5	4	4	4	4	4	3	3	3	3
-5°	5	5	4	4	4	4	4	3	3	3	3
-6.25°	5	5	4	4	4	4	4	3	3	3	3
-7.5°	5	5	4	4	4	4	4	3	3	3	3
-8.75°	5	5	4	4	4	4	4	3	3	3	3
-10°	5	5	4	4	4	4	4	3	3	3	3
-11.25°	5	5	4	4	4	4	4	3	3	3	3
-12.5°	5	5	4	4	4	4	4	3	3	3	3
-13.75°	5	5	4	4	4	4	3	3	3	3	3
-15°	5	5	4	4	4	4	3	3	3	3	3
-16.25°	5	5	4	4	4	4	3	3	3	3	3
-17.5°	5	4	4	4	4	4	3	3	3	3	3
-18.75°	5	4	4	4	4	4	3	3	3	3	3
-20°	5	4	4	4	4	4	3	3	3	3	2
-21.25°	5	4	4	4	4	4	3	3	3	3	2



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	5	4	4	4	4	4	3	3	3	3	2
-23.75°	4	4	4	4	4	3	3	3	3	3	2
-25°	4	4	4	4	4	3	3	3	3	3	2
-26.25°	4	4	4	4	4	3	3	3	3	3	2
-27.5°	4	4	4	4	4	3	3	3	3	3	2
-28.75°	4	4	4	4	4	3	3	3	3	3	2
-30°	4	4	4	4	3	3	3	3	3	2	2
-31.25°	4	4	4	4	3	3	3	3	3	2	2
-32.5°	4	4	4	4	3	3	3	3	3	2	2
-33.75°	4	4	4	3	3	3	3	3	3	2	2
-35°	4	4	4	3	3	3	3	3	2	2	2
-36.25°	4	4	4	3	3	3	3	3	2	2	2
-37.5°	4	4	3	3	3	3	3	3	2	2	2
-38.75°	4	4	3	3	3	3	3	3	2	2	2
-40°	4	4	3	3	3	3	3	2	2	2	2
-41.25°	4	3	3	3	3	3	3	2	2	2	2
-42.5°	4	3	3	3	3	3	3	2	2	2	2
-43.75°	3	3	3	3	3	3	2	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	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	1
-55°	3	3	2	2	2	2	2	2	2	2	1
-56.25°	3	2	2	2	2	2	2	2	2	1	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	2	2	1	1	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	2	1	1	1	1	1	1	1	1
-68.75°	2	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	2	1	1	1	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
46.25°	2	1	1	1	1	1	1	1	0	0	0
45°	2	1	1	1	1	1	1	1	0	0	0
43.75°	2	2	1	1	1	1	1	1	0	0	0
42.5°	2	2	1	1	1	1	1	1	0	0	0
41.25°	2	2	1	1	1	1	1	1	0	0	0
40°	2	2	1	1	1	1	1	1	0	0	0
38.75°	2	2	2	1	1	1	1	1	0	0	0
37.5°	2	2	2	1	1	1	1	1	0	0	0
36.25°	2	2	2	1	1	1	1	1	0	0	0
35°	2	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	2	2	2	1	1	1	1	1	1	0	0
32.5°	2	2	2	1	1	1	1	1	1	0	0
31.25°	2	2	2	1	1	1	1	1	1	0	0
30°	2	2	2	2	1	1	1	1	1	0	0
28.75°	2	2	2	2	1	1	1	1	1	0	0
27.5°	2	2	2	2	1	1	1	1	1	0	0
26.25°	2	2	2	2	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	1	1	1	1	1	0	0
18.75°	2	2	2	2	1	1	1	1	1	0	0
17.5°	2	2	2	2	1	1	1	1	1	0	0
16.25°	2	2	2	2	1	1	1	1	1	0	0
15°	2	2	2	2	1	1	1	1	1	0	0
13.75°	2	2	2	2	2	1	1	1	1	0	0
12.5°	2	2	2	2	2	1	1	1	1	0	0
11.25°	2	2	2	2	2	1	1	1	1	0	0
10°	2	2	2	2	2	1	1	1	1	0	0
8.75°	2	2	2	2	2	1	1	1	1	0	0
7.5°	2	2	2	2	2	1	1	1	1	0	0
6.25°	2	2	2	2	2	1	1	1	1	0	0
5°	2	2	2	2	2	1	1	1	1	0	0
3.75°	2	2	2	2	2	1	1	1	1	0	0
2.5°	2	2	2	2	2	1	1	1	1	0	0
1.25°	2	2	2	2	2	1	1	1	1	0	0
0°	2	2	2	2	2	1	1	1	1	0	0
-1.25°	2	2	2	2	2	1	1	1	1	0	0
-2.5°	2	2	2	2	2	1	1	1	1	0	0
-3.75°	2	2	2	2	2	1	1	1	1	0	0
-5°	2	2	2	2	2	1	1	1	1	0	0
-6.25°	2	2	2	2	2	1	1	1	1	0	0
-7.5°	2	2	2	2	2	1	1	1	1	0	0
-8.75°	2	2	2	2	2	1	1	1	1	0	0
-10°	2	2	2	2	2	1	1	1	1	0	0
-11.25°	2	2	2	2	2	1	1	1	1	0	0
-12.5°	2	2	2	2	2	1	1	1	1	0	0
-13.75°	2	2	2	2	2	1	1	1	1	0	0
-15°	2	2	2	2	1	1	1	1	1	0	0
-16.25°	2	2	2	2	1	1	1	1	1	0	0
-17.5°	2	2	2	2	1	1	1	1	1	0	0
-18.75°	2	2	2	2	1	1	1	1	1	0	0
-20°	2	2	2	2	1	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	2	1	1	1	1	1	0	0
-28.75°	2	2	2	2	1	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	1	0	0
-31.25°	2	2	2	1	1	1	1	1	1	0	0
-32.5°	2	2	2	1	1	1	1	1	1	0	0
-33.75°	2	2	2	1	1	1	1	1	1	0	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-36.25°	2	2	2	1	1	1	1	1	0	0	0
-37.5°	2	2	2	1	1	1	1	1	0	0	0
-38.75°	2	2	2	1	1	1	1	1	0	0	0
-40°	2	2	1	1	1	1	1	1	0	0	0
-41.25°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	2	1	1	1	1	1	1	0	0	0
-43.75°	2	2	1	1	1	1	1	1	0	0	0
-45°	2	1	1	1	1	1	1	1	0	0	0
-46.25°	2	1	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-48.75°	2	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: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0	0
88.75°	0	0
87.5°	0	0
86.25°	0	0
85°	0	0
83.75°	0	0
82.5°	0	0
81.25°	0	0
80°	0	0
78.75°	0	0
77.5°	0	0
76.25°	0	0
75°	0	0
73.75°	0	0
72.5°	0	0
71.25°	0	0
70°	0	0
68.75°	0	0
67.5°	0	0
66.25°	0	0
65°	0	0
63.75°	0	0
62.5°	0	0
61.25°	0	0
60°	0	0
58.75°	0	0
57.5°	0	0
56.25°	0	0
55°	0	0
53.75°	0	0
52.5°	0	0
51.25°	0	0
50°	0	0
48.75°	0	0
47.5°	0	0
46.25°	0	0
45°	0	0
43.75°	0	0
42.5°	0	0
41.25°	0	0
40°	0	0
38.75°	0	0
37.5°	0	0
36.25°	0	0
35°	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P220391 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)