

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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29422)
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-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

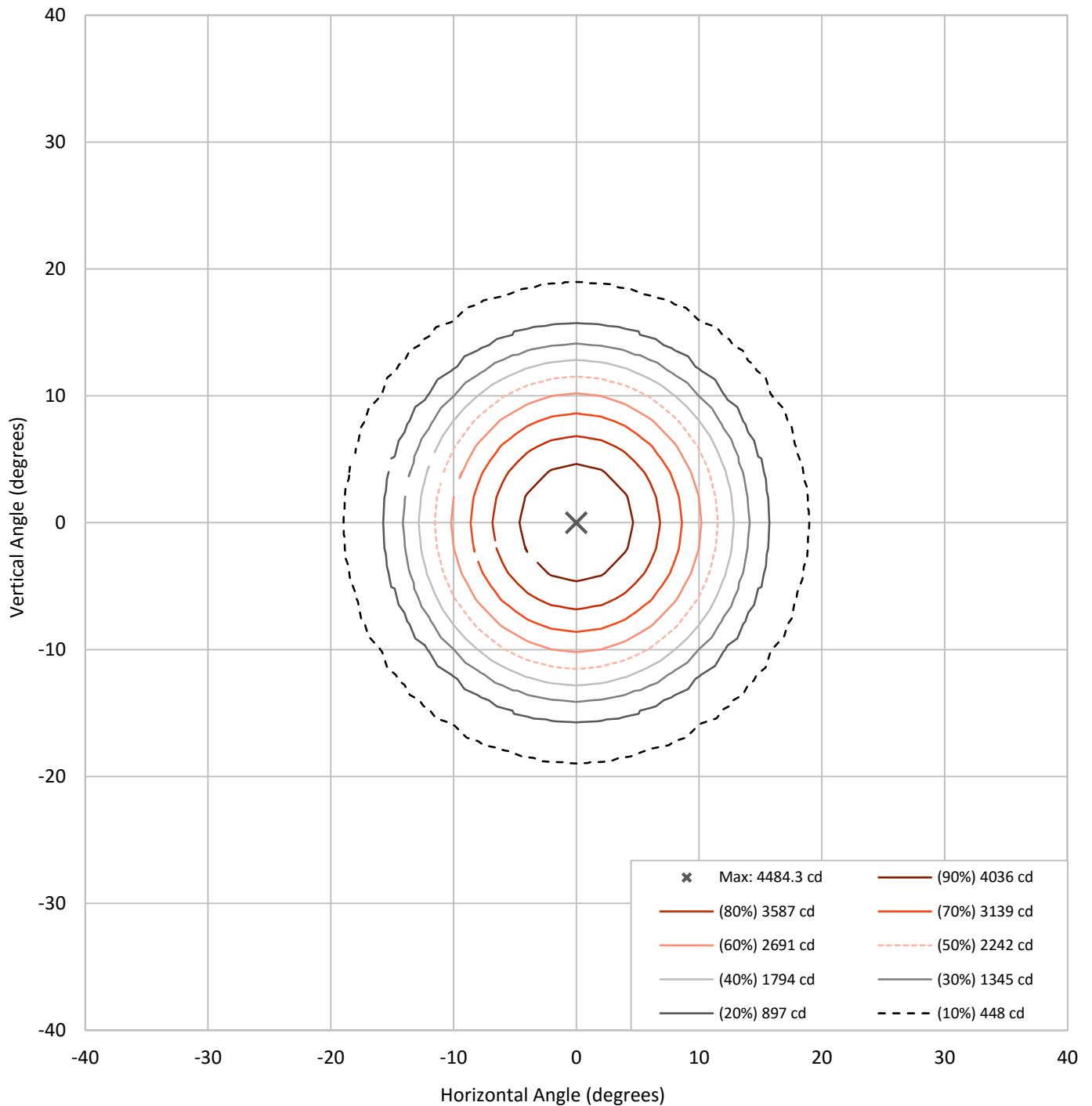
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	799.3 lumens	Max Intensity:	4484.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	417.8 lumens	Field Lumens:	641.4 lumens
Beam Efficiency:	52.3%	Field Efficiency:	80.3%
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		

REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





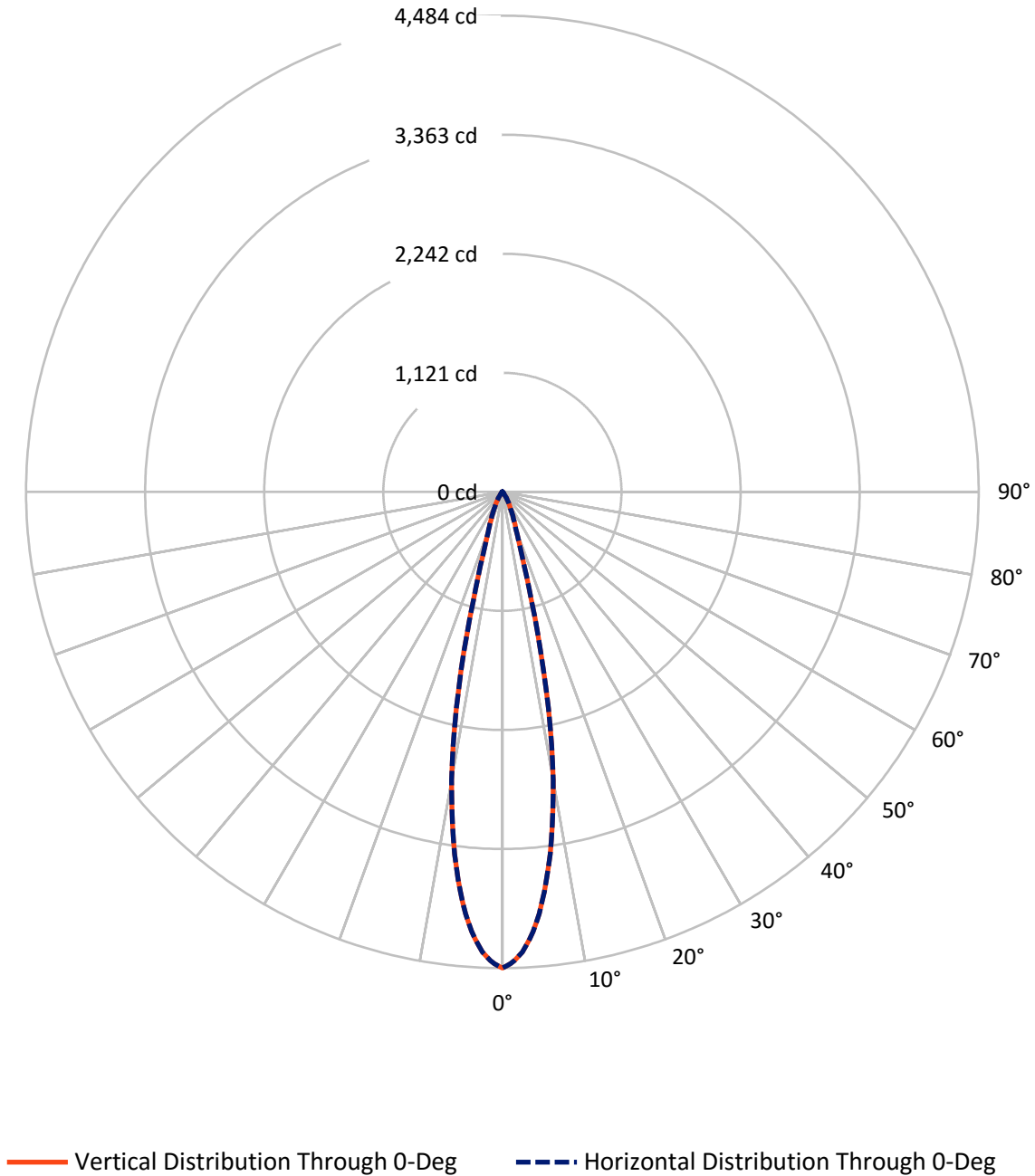
REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.2	0.4	1.0	1.6	1.6	1.0	0.4	0.2	0.1	0.0		
30	0.0	0.0	0.0	0.1	0.4	1.6	3.8	6.0	6.0	3.8	1.6	0.4	0.1	0.0	0.0	
20		0.0	0.0	0.2	0.9	3.6	10.7	30.9	30.9	10.7	3.6	0.9	0.2	0.0		
10	0.0	0.0	0.0	0.2	1.3	5.5	30.1	100.0	100.0	30.1	5.5	1.3	0.2	0.0	0.0	
0		0.0	0.0	0.2	1.3	5.5	30.1	100.0	100.0	30.1	5.5	1.3	0.2	0.0		
-10	0.0	0.0	0.0	0.2	0.9	3.6	10.7	30.9	30.9	10.7	3.6	0.9	0.2	0.0	0.0	
-20		0.0	0.0	0.1	0.4	1.6	3.8	6.0	6.0	3.8	1.6	0.4	0.1	0.0		
-30	0.0	0.0	0.0	0.1	0.2	0.4	1.0	1.6	1.6	1.0	0.4	0.2	0.1	0.0	0.0	
-40		0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

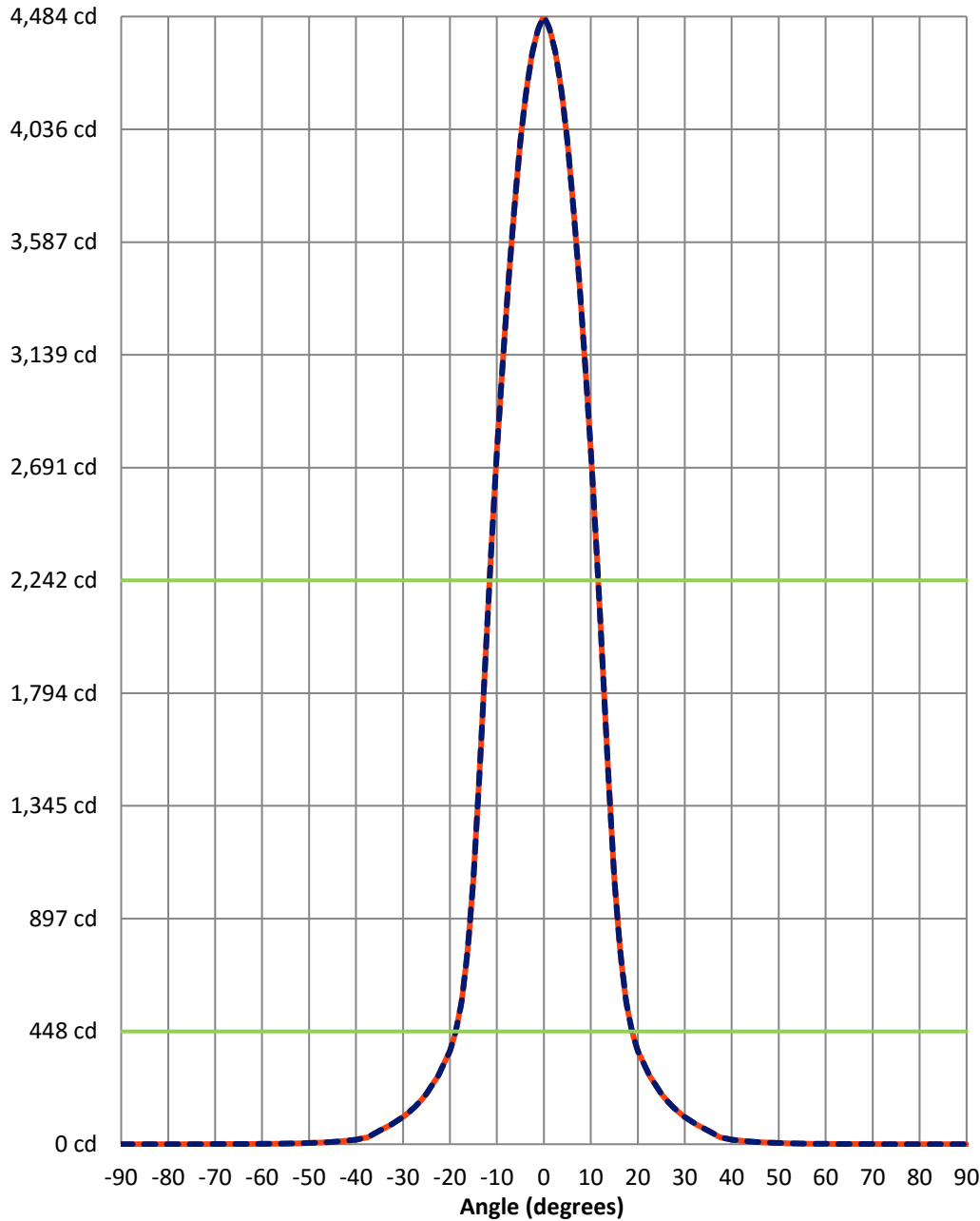
REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 417.8
 Efficiency: 52.3%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 641.4
 Efficiency: 80.3%

Spill:
 Lumens: 157.8
 Efficiency: 19.7%

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



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
38.75°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	0	1	1
35°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	1	1	1
32.5°	0	0	0	0	0	0	0	0	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	0	1	1	1	1
27.5°	0	0	0	0	0	0	0	1	1	1	1
26.25°	0	0	0	0	0	0	0	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	1	1	1	1	1	1
15°	0	0	0	0	0	1	1	1	1	1	1
13.75°	0	0	0	0	0	1	1	1	1	1	1
12.5°	0	0	0	0	0	1	1	1	1	1	1
11.25°	0	0	0	0	0	1	1	1	1	1	1
10°	0	0	0	0	0	1	1	1	1	1	1
8.75°	0	0	0	0	0	1	1	1	1	1	1
7.5°	0	0	0	0	0	1	1	1	1	1	1
6.25°	0	0	0	0	0	1	1	1	1	1	1
5°	0	0	0	0	0	1	1	1	1	1	1
3.75°	0	0	0	0	0	1	1	1	1	1	1
2.5°	0	0	0	0	0	1	1	1	1	1	1
1.25°	0	0	0	0	0	1	1	1	1	1	1
0°	0	0	0	0	0	1	1	1	1	1	1
-1.25°	0	0	0	0	0	1	1	1	1	1	1
-2.5°	0	0	0	0	0	1	1	1	1	1	1
-3.75°	0	0	0	0	0	1	1	1	1	1	1
-5°	0	0	0	0	0	1	1	1	1	1	1
-6.25°	0	0	0	0	0	1	1	1	1	1	1
-7.5°	0	0	0	0	0	1	1	1	1	1	1
-8.75°	0	0	0	0	0	1	1	1	1	1	1
-10°	0	0	0	0	0	1	1	1	1	1	1
-11.25°	0	0	0	0	0	1	1	1	1	1	1
-12.5°	0	0	0	0	0	1	1	1	1	1	1
-13.75°	0	0	0	0	0	1	1	1	1	1	1
-15°	0	0	0	0	0	1	1	1	1	1	1
-16.25°	0	0	0	0	0	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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	0	1	1	1	1
-27.5°	0	0	0	0	0	0	0	1	1	1	1
-28.75°	0	0	0	0	0	0	0	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	0	1	1	1
-33.75°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	1	1	1
-36.25°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-38.75°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	0	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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	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	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
56.25°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	1	1	1	1	1	1	1
51.25°	0	0	0	0	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
48.75°	0	0	1	1	1	1	1	1	1	1	1
47.5°	0	0	1	1	1	1	1	1	1	1	1
46.25°	0	1	1	1	1	1	1	1	1	1	1
45°	0	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	1	1	1	1	1	1	1	1	2	2	2
32.5°	1	1	1	1	1	1	1	2	2	2	2
31.25°	1	1	1	1	1	1	1	2	2	2	2
30°	1	1	1	1	1	1	2	2	2	2	2
28.75°	1	1	1	1	1	1	2	2	2	2	2
27.5°	1	1	1	1	1	1	2	2	2	2	2
26.25°	1	1	1	1	1	2	2	2	2	2	2
25°	1	1	1	1	1	2	2	2	2	2	3
23.75°	1	1	1	1	1	2	2	2	2	2	3
22.5°	1	1	1	1	2	2	2	2	2	3	3
21.25°	1	1	1	1	2	2	2	2	2	3	3
20°	1	1	1	1	2	2	2	2	2	3	3
18.75°	1	1	1	1	2	2	2	2	2	3	3
17.5°	1	1	1	1	2	2	2	2	3	3	3
16.25°	1	1	1	2	2	2	2	2	3	3	4
15°	1	1	1	2	2	2	2	2	3	3	4
13.75°	1	1	1	2	2	2	2	2	3	3	4
12.5°	1	1	1	2	2	2	2	2	3	3	4
11.25°	1	1	1	2	2	2	2	3	3	4	4
10°	1	1	1	2	2	2	2	3	3	4	4
8.75°	1	1	1	2	2	2	2	3	3	4	5
7.5°	1	1	2	2	2	2	2	3	3	4	5
6.25°	1	1	2	2	2	2	2	3	3	4	5
5°	1	1	2	2	2	2	2	3	3	4	5
3.75°	1	1	2	2	2	2	2	3	3	4	5
2.5°	1	1	2	2	2	2	2	3	3	4	5
1.25°	1	1	2	2	2	2	2	3	3	4	5
0°	1	1	2	2	2	2	2	3	3	4	5
-1.25°	1	1	2	2	2	2	2	3	3	4	5
-2.5°	1	1	2	2	2	2	2	3	3	4	5
-3.75°	1	1	2	2	2	2	2	3	3	4	5
-5°	1	1	2	2	2	2	2	3	3	4	5
-6.25°	1	1	2	2	2	2	2	3	3	4	5
-7.5°	1	1	2	2	2	2	2	3	3	4	5
-8.75°	1	1	1	2	2	2	2	3	3	4	5
-10°	1	1	1	2	2	2	2	3	3	4	4
-11.25°	1	1	1	2	2	2	2	3	3	4	4
-12.5°	1	1	1	2	2	2	2	2	3	3	4
-13.75°	1	1	1	2	2	2	2	2	3	3	4
-15°	1	1	1	2	2	2	2	2	3	3	4
-16.25°	1	1	1	2	2	2	2	2	3	3	4
-17.5°	1	1	1	1	2	2	2	2	3	3	3
-18.75°	1	1	1	1	2	2	2	2	2	3	3
-20°	1	1	1	1	2	2	2	2	2	3	3
-21.25°	1	1	1	1	2	2	2	2	2	3	3



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	1	1	1	1	2	2	2	2	2	3	3
-23.75°	1	1	1	1	1	2	2	2	2	2	3
-25°	1	1	1	1	1	2	2	2	2	2	3
-26.25°	1	1	1	1	1	2	2	2	2	2	2
-27.5°	1	1	1	1	1	1	2	2	2	2	2
-28.75°	1	1	1	1	1	1	2	2	2	2	2
-30°	1	1	1	1	1	1	2	2	2	2	2
-31.25°	1	1	1	1	1	1	1	2	2	2	2
-32.5°	1	1	1	1	1	1	1	2	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	2	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	1	2
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	0	1	1	1	1	1	1	1	1	1	1
-46.25°	0	1	1	1	1	1	1	1	1	1	1
-47.5°	0	0	1	1	1	1	1	1	1	1	1
-48.75°	0	0	1	1	1	1	1	1	1	1	1
-50°	0	0	0	1	1	1	1	1	1	1	1
-51.25°	0	0	0	0	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	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	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	0	1	1	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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	1	1	1
63.75°	0	0	0	0	0	0	1	1	1	1	1
62.5°	0	0	0	0	1	1	1	1	1	1	1
61.25°	0	0	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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2	2	2
47.5°	1	1	1	1	1	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	2	2	2	2	2	2	2	2
43.75°	1	1	2	2	2	2	2	2	2	2	3
42.5°	1	2	2	2	2	2	2	2	2	3	3
41.25°	2	2	2	2	2	2	2	2	3	3	3
40°	2	2	2	2	2	2	2	3	3	3	4
38.75°	2	2	2	2	2	2	3	3	3	4	4
37.5°	2	2	2	2	2	3	3	3	4	4	5
36.25°	2	2	2	2	3	3	3	4	4	5	5
35°	2	2	2	3	3	3	4	4	5	5	6



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	2	2	2	3	3	3	4	5	5	6	6
32.5°	2	2	3	3	3	4	4	5	6	6	7
31.25°	2	3	3	3	4	4	5	5	6	7	8
30°	2	3	3	3	4	5	5	6	6	7	8
28.75°	3	3	3	4	4	5	6	6	7	8	9
27.5°	3	3	4	4	5	5	6	7	8	9	10
26.25°	3	3	4	4	5	6	6	7	8	9	11
25°	3	3	4	5	5	6	7	8	9	10	12
23.75°	3	4	4	5	6	6	7	8	10	11	13
22.5°	3	4	5	5	6	7	8	9	11	12	14
21.25°	4	4	5	6	6	7	8	10	12	13	15
20°	4	5	5	6	7	8	9	11	12	14	16
18.75°	4	5	5	6	7	8	10	11	13	15	17
17.5°	4	5	6	6	8	9	10	12	14	16	19
16.25°	4	5	6	7	8	9	11	13	15	17	21
15°	5	5	6	7	8	10	11	13	16	18	22
13.75°	5	6	6	7	8	10	12	14	16	19	24
12.5°	5	6	6	8	9	11	13	15	17	21	25
11.25°	5	6	7	8	9	11	13	15	18	22	27
10°	5	6	7	8	9	11	14	16	19	23	28
8.75°	5	6	7	8	10	12	14	16	20	24	31
7.5°	5	6	7	8	10	12	14	17	20	25	34
6.25°	6	6	7	9	10	12	15	17	21	26	36
5°	6	6	7	9	11	13	15	17	22	27	38
3.75°	6	6	8	9	11	13	15	18	22	27	39
2.5°	6	6	8	9	11	13	15	18	22	27	40
1.25°	6	6	8	9	11	13	15	18	23	28	40
0°	6	7	8	9	11	13	15	18	23	28	41
-1.25°	6	6	8	9	11	13	15	18	23	28	40
-2.5°	6	6	8	9	11	13	15	18	22	27	40
-3.75°	6	6	8	9	11	13	15	18	22	27	39
-5°	6	6	7	9	11	13	15	17	22	27	38
-6.25°	6	6	7	9	10	12	15	17	21	26	36
-7.5°	5	6	7	8	10	12	14	17	20	25	34
-8.75°	5	6	7	8	10	12	14	16	20	24	31
-10°	5	6	7	8	9	11	14	16	19	23	28
-11.25°	5	6	7	8	9	11	13	15	18	22	27
-12.5°	5	6	6	8	9	11	13	15	17	21	25
-13.75°	5	6	6	7	8	10	12	14	16	19	24
-15°	5	5	6	7	8	10	11	13	16	18	22
-16.25°	4	5	6	7	8	9	11	13	15	17	21
-17.5°	4	5	6	6	8	9	10	12	14	16	19
-18.75°	4	5	5	6	7	8	10	11	13	15	17
-20°	4	5	5	6	7	8	9	11	12	14	16
-21.25°	4	4	5	6	6	7	8	10	12	13	15



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	3	4	5	5	6	7	8	9	11	12	14
-23.75°	3	4	4	5	6	6	7	8	10	11	13
-25°	3	3	4	5	5	6	7	8	9	10	12
-26.25°	3	3	4	4	5	6	6	7	8	9	11
-27.5°	3	3	4	4	5	5	6	7	8	9	10
-28.75°	3	3	3	4	4	5	6	6	7	8	9
-30°	2	3	3	3	4	5	5	6	6	7	8
-31.25°	2	3	3	3	4	4	5	5	6	7	8
-32.5°	2	2	3	3	3	4	4	5	6	6	7
-33.75°	2	2	2	3	3	3	4	5	5	6	6
-35°	2	2	2	3	3	3	4	4	5	5	6
-36.25°	2	2	2	2	3	3	3	4	4	5	5
-37.5°	2	2	2	2	2	3	3	3	4	4	5
-38.75°	2	2	2	2	2	2	3	3	3	4	4
-40°	2	2	2	2	2	2	2	3	3	3	4
-41.25°	2	2	2	2	2	2	2	2	3	3	3
-42.5°	1	2	2	2	2	2	2	2	2	3	3
-43.75°	1	1	2	2	2	2	2	2	2	2	3
-45°	1	1	1	2	2	2	2	2	2	2	2
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	1	2	2	2	2	2	2
-48.75°	1	1	1	1	1	1	2	2	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	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-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°	0	0	1	1	1	1	1	1	1	1	1
-62.5°	0	0	0	0	1	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	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	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	2	2	2	2	2	2	2
53.75°	1	1	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	3	3	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	2	2	3	3	3	3	3	3	4	4
46.25°	2	2	3	3	3	3	4	4	4	4	5
45°	3	3	3	3	3	4	4	4	5	5	5
43.75°	3	3	3	4	4	4	5	5	5	6	6
42.5°	3	3	4	4	5	5	5	6	6	6	7
41.25°	4	4	4	5	5	6	6	6	7	7	8
40°	4	5	5	5	6	6	7	7	8	8	9
38.75°	5	5	6	6	6	7	8	8	9	10	11
37.5°	5	6	6	7	7	8	9	9	10	11	12
36.25°	6	6	7	8	8	9	10	11	12	13	14
35°	6	7	8	8	9	10	12	13	14	15	16



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	7	8	8	9	11	12	13	14	16	17	19
32.5°	8	8	9	11	12	13	15	16	18	20	23
31.25°	8	9	11	12	14	15	17	18	21	24	26
30°	9	11	12	14	15	17	19	22	25	27	34
28.75°	10	12	13	15	17	19	22	25	29	37	44
27.5°	12	13	15	17	19	22	25	30	38	46	54
26.25°	13	14	16	18	22	25	30	39	47	55	63
25°	14	16	18	21	25	29	38	47	56	64	72
23.75°	15	17	20	24	27	37	46	55	64	72	81
22.5°	16	19	23	26	34	44	54	63	72	81	91
21.25°	17	21	25	31	41	51	61	70	80	91	101
20°	19	23	27	37	48	58	68	77	89	100	112
18.75°	21	25	33	44	54	65	74	86	97	109	123
17.5°	23	27	39	50	60	71	81	94	106	120	135
16.25°	25	32	44	55	66	76	89	101	115	131	148
15°	27	37	49	60	71	82	96	109	124	141	160
13.75°	30	42	54	65	76	89	102	117	134	152	173
12.5°	34	46	58	69	81	94	108	125	143	164	187
11.25°	38	50	62	73	86	100	115	132	152	174	200
10°	41	53	65	76	90	105	121	140	161	185	215
8.75°	44	56	68	80	94	109	127	147	169	195	228
7.5°	46	59	71	83	98	113	132	153	176	205	239
6.25°	49	61	73	86	101	117	137	158	184	215	249
5°	50	63	75	89	104	121	140	163	190	222	257
3.75°	52	64	76	91	106	123	144	167	195	229	264
2.5°	53	65	77	92	107	125	146	170	198	233	268
1.25°	53	66	78	93	108	126	147	171	200	236	271
0°	54	66	78	93	108	127	148	172	201	236	272
-1.25°	53	66	78	93	108	126	147	171	200	236	271
-2.5°	53	65	77	92	107	125	146	170	198	233	268
-3.75°	52	64	76	91	106	123	144	167	195	229	264
-5°	50	63	75	89	104	121	140	163	190	222	257
-6.25°	49	61	73	86	101	117	137	158	184	215	249
-7.5°	46	59	71	83	98	113	132	153	176	205	239
-8.75°	44	56	68	80	94	109	127	147	169	195	228
-10°	41	53	65	76	90	105	121	140	161	185	215
-11.25°	38	50	62	73	86	100	115	132	152	174	200
-12.5°	34	46	58	69	81	94	108	125	143	164	187
-13.75°	30	42	54	65	76	89	102	117	134	152	173
-15°	27	37	49	60	71	82	96	109	124	141	160
-16.25°	25	32	44	55	66	76	89	101	115	131	148
-17.5°	23	27	39	50	60	71	81	94	106	120	135
-18.75°	21	25	33	44	54	65	74	86	97	109	123
-20°	19	23	27	37	48	58	68	77	89	100	112
-21.25°	17	21	25	31	41	51	61	70	80	91	101



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	16	19	23	26	34	44	54	63	72	81	91
-23.75°	15	17	20	24	27	37	46	55	64	72	81
-25°	14	16	18	21	25	29	38	47	56	64	72
-26.25°	13	14	16	18	22	25	30	39	47	55	63
-27.5°	12	13	15	17	19	22	25	30	38	46	54
-28.75°	10	12	13	15	17	19	22	25	29	37	44
-30°	9	11	12	14	15	17	19	22	25	27	34
-31.25°	8	9	11	12	14	15	17	18	21	24	26
-32.5°	8	8	9	11	12	13	15	16	18	20	23
-33.75°	7	8	8	9	11	12	13	14	16	17	19
-35°	6	7	8	8	9	10	12	13	14	15	16
-36.25°	6	6	7	8	8	9	10	11	12	13	14
-37.5°	5	6	6	7	7	8	9	9	10	11	12
-38.75°	5	5	6	6	6	7	8	8	9	10	11
-40°	4	5	5	5	6	6	7	7	8	8	9
-41.25°	4	4	4	5	5	6	6	6	7	7	8
-42.5°	3	3	4	4	5	5	5	6	6	6	7
-43.75°	3	3	3	4	4	4	5	5	5	6	6
-45°	3	3	3	3	3	4	4	4	5	5	5
-46.25°	2	2	3	3	3	3	4	4	4	4	5
-47.5°	2	2	2	3	3	3	3	3	3	4	4
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	2	2	2	2	2	2	2	2	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	2	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	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	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	5
48.75°	4	4	4	4	4	5	5	5	5	5	5
47.5°	4	5	5	5	5	5	6	6	6	6	6
46.25°	5	5	5	6	6	6	6	6	7	7	7
45°	6	6	6	6	7	7	7	8	8	8	8
43.75°	6	7	7	8	8	8	8	9	9	9	10
42.5°	7	8	8	9	9	10	10	11	11	11	12
41.25°	8	9	10	10	11	11	12	13	13	14	14
40°	10	11	11	12	13	13	14	15	15	16	16
38.75°	12	12	13	14	15	16	16	17	18	19	20
37.5°	13	14	15	16	17	18	19	21	22	23	24
36.25°	15	16	17	19	21	22	24	25	27	28	31
35°	17	19	21	23	25	27	30	34	38	41	44



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	21	23	25	27	32	37	42	46	50	53	56
32.5°	25	27	33	39	44	49	54	58	62	65	68
31.25°	31	37	44	50	55	60	65	69	73	76	80
30°	41	48	54	60	66	71	76	81	86	90	94
28.75°	51	58	65	71	76	82	89	94	100	105	109
27.5°	61	68	74	81	89	96	102	108	115	121	127
26.25°	70	77	86	94	101	109	117	125	132	140	147
25°	80	89	97	106	115	124	134	143	152	161	169
23.75°	91	100	109	120	131	141	152	164	174	185	195
22.5°	101	112	123	135	148	160	173	187	200	215	228
21.25°	112	125	138	152	167	182	197	215	232	247	261
20°	125	139	154	170	188	206	226	245	263	281	302
18.75°	138	154	172	191	212	234	255	276	301	325	347
17.5°	152	170	191	213	238	261	287	316	343	368	400
16.25°	167	188	212	238	263	293	325	356	390	428	477
15°	182	206	234	261	293	328	362	404	455	514	592
13.75°	197	226	255	287	325	362	408	469	546	640	764
12.5°	215	245	276	316	356	404	469	557	673	820	1004
11.25°	232	263	301	343	390	455	546	673	844	1056	1301
10°	247	281	325	368	428	514	640	820	1056	1335	1633
8.75°	261	302	347	400	477	592	764	1004	1301	1633	1963
7.5°	273	320	366	429	527	678	902	1199	1549	1917	2263
6.25°	288	335	387	465	584	769	1038	1385	1781	2170	2522
5°	300	348	406	495	633	861	1178	1566	1983	2380	2734
3.75°	309	358	422	523	690	946	1293	1711	2143	2542	2895
2.5°	316	365	436	549	731	1008	1379	1820	2258	2659	3016
1.25°	320	370	445	564	756	1045	1438	1886	2329	2731	3088
0°	322	371	449	570	764	1058	1458	1909	2352	2755	3112
-1.25°	320	370	445	564	756	1045	1438	1886	2329	2731	3088
-2.5°	316	365	436	549	731	1008	1379	1820	2258	2659	3016
-3.75°	309	358	422	523	690	946	1293	1711	2143	2542	2895
-5°	300	348	406	495	633	861	1178	1566	1983	2380	2734
-6.25°	288	335	387	465	584	769	1038	1385	1781	2170	2522
-7.5°	273	320	366	429	527	678	902	1199	1549	1917	2263
-8.75°	261	302	347	400	477	592	764	1004	1301	1633	1963
-10°	247	281	325	368	428	514	640	820	1056	1335	1633
-11.25°	232	263	301	343	390	455	546	673	844	1056	1301
-12.5°	215	245	276	316	356	404	469	557	673	820	1004
-13.75°	197	226	255	287	325	362	408	469	546	640	764
-15°	182	206	234	261	293	328	362	404	455	514	592
-16.25°	167	188	212	238	263	293	325	356	390	428	477
-17.5°	152	170	191	213	238	261	287	316	343	368	400
-18.75°	138	154	172	191	212	234	255	276	301	325	347
-20°	125	139	154	170	188	206	226	245	263	281	302
-21.25°	112	125	138	152	167	182	197	215	232	247	261



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	101	112	123	135	148	160	173	187	200	215	228
-23.75°	91	100	109	120	131	141	152	164	174	185	195
-25°	80	89	97	106	115	124	134	143	152	161	169
-26.25°	70	77	86	94	101	109	117	125	132	140	147
-27.5°	61	68	74	81	89	96	102	108	115	121	127
-28.75°	51	58	65	71	76	82	89	94	100	105	109
-30°	41	48	54	60	66	71	76	81	86	90	94
-31.25°	31	37	44	50	55	60	65	69	73	76	80
-32.5°	25	27	33	39	44	49	54	58	62	65	68
-33.75°	21	23	25	27	32	37	42	46	50	53	56
-35°	17	19	21	23	25	27	30	34	38	41	44
-36.25°	15	16	17	19	21	22	24	25	27	28	31
-37.5°	13	14	15	16	17	18	19	21	22	23	24
-38.75°	12	12	13	14	15	16	16	17	18	19	20
-40°	10	11	11	12	13	13	14	15	15	16	16
-41.25°	8	9	10	10	11	11	12	13	13	14	14
-42.5°	7	8	8	9	9	10	10	11	11	11	12
-43.75°	6	7	7	8	8	8	8	9	9	9	10
-45°	6	6	6	6	7	7	7	8	8	8	8
-46.25°	5	5	5	6	6	6	6	6	7	7	7
-47.5°	4	5	5	5	5	5	6	6	6	6	6
-48.75°	4	4	4	4	4	5	5	5	5	5	5
-50°	3	3	3	3	4	4	4	4	4	4	5
-51.25°	3	3	3	3	3	3	3	3	4	4	4
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	3	3	3
-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°	1	1	1	1	2	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	0	1	1	1	1	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
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	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	7	6	6	6	6
46.25°	7	7	7	8	8	8	8	8	8	8	7
45°	8	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	11	11	11	11	11	11	11	11	11
42.5°	12	12	13	13	13	13	13	13	13	13	13
41.25°	14	15	15	15	15	15	15	15	15	15	15
40°	17	17	17	18	18	18	18	18	18	18	17
38.75°	20	21	22	22	22	23	23	23	22	22	22
37.5°	25	26	27	27	27	28	28	28	27	27	27
36.25°	34	36	38	39	40	40	41	40	40	39	38
35°	46	49	50	52	53	53	54	53	53	52	50



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	59	61	63	64	65	66	66	66	65	64	63
32.5°	71	73	75	76	77	78	78	78	77	76	75
31.25°	83	86	89	91	92	93	93	93	92	91	89
30°	98	101	104	106	107	108	108	108	107	106	104
28.75°	113	117	121	123	125	126	127	126	125	123	121
27.5°	132	137	140	144	146	147	148	147	146	144	140
26.25°	153	158	163	167	170	171	172	171	170	167	163
25°	176	184	190	195	198	200	201	200	198	195	190
23.75°	205	215	222	229	233	236	236	236	233	229	222
22.5°	239	249	257	264	268	271	272	271	268	264	257
21.25°	273	288	300	309	316	320	322	320	316	309	300
20°	320	335	348	358	365	370	371	370	365	358	348
18.75°	366	387	406	422	436	445	449	445	436	422	406
17.5°	429	465	495	523	549	564	570	564	549	523	495
16.25°	527	584	633	690	731	756	764	756	731	690	633
15°	678	769	861	946	1008	1045	1058	1045	1008	946	861
13.75°	902	1038	1178	1293	1379	1438	1458	1438	1379	1293	1178
12.5°	1199	1385	1566	1711	1820	1886	1909	1886	1820	1711	1566
11.25°	1549	1781	1983	2143	2258	2329	2352	2329	2258	2143	1983
10°	1917	2170	2380	2542	2659	2731	2755	2731	2659	2542	2380
8.75°	2263	2522	2734	2895	3016	3088	3112	3088	3016	2895	2734
7.5°	2568	2827	3042	3212	3339	3414	3440	3414	3339	3212	3042
6.25°	2827	3090	3316	3494	3625	3705	3732	3705	3625	3494	3316
5°	3042	3316	3548	3733	3871	3958	3989	3958	3871	3733	3548
3.75°	3212	3494	3733	3928	4072	4164	4190	4164	4072	3928	3733
2.5°	3339	3625	3871	4072	4219	4308	4337	4308	4219	4072	3871
1.25°	3414	3705	3958	4164	4308	4400	4435	4400	4308	4164	3958
0°	3440	3732	3989	4190	4337	4435	4484	4435	4337	4190	3989
-1.25°	3414	3705	3958	4164	4308	4400	4435	4400	4308	4164	3958
-2.5°	3339	3625	3871	4072	4219	4308	4337	4308	4219	4072	3871
-3.75°	3212	3494	3733	3928	4072	4164	4190	4164	4072	3928	3733
-5°	3042	3316	3548	3733	3871	3958	3989	3958	3871	3733	3548
-6.25°	2827	3090	3316	3494	3625	3705	3732	3705	3625	3494	3316
-7.5°	2568	2827	3042	3212	3339	3414	3440	3414	3339	3212	3042
-8.75°	2263	2522	2734	2895	3016	3088	3112	3088	3016	2895	2734
-10°	1917	2170	2380	2542	2659	2731	2755	2731	2659	2542	2380
-11.25°	1549	1781	1983	2143	2258	2329	2352	2329	2258	2143	1983
-12.5°	1199	1385	1566	1711	1820	1886	1909	1886	1820	1711	1566
-13.75°	902	1038	1178	1293	1379	1438	1458	1438	1379	1293	1178
-15°	678	769	861	946	1008	1045	1058	1045	1008	946	861
-16.25°	527	584	633	690	731	756	764	756	731	690	633
-17.5°	429	465	495	523	549	564	570	564	549	523	495
-18.75°	366	387	406	422	436	445	449	445	436	422	406
-20°	320	335	348	358	365	370	371	370	365	358	348
-21.25°	273	288	300	309	316	320	322	320	316	309	300



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	239	249	257	264	268	271	272	271	268	264	257
-23.75°	205	215	222	229	233	236	236	236	233	229	222
-25°	176	184	190	195	198	200	201	200	198	195	190
-26.25°	153	158	163	167	170	171	172	171	170	167	163
-27.5°	132	137	140	144	146	147	148	147	146	144	140
-28.75°	113	117	121	123	125	126	127	126	125	123	121
-30°	98	101	104	106	107	108	108	108	107	106	104
-31.25°	83	86	89	91	92	93	93	93	92	91	89
-32.5°	71	73	75	76	77	78	78	78	77	76	75
-33.75°	59	61	63	64	65	66	66	66	65	64	63
-35°	46	49	50	52	53	53	54	53	53	52	50
-36.25°	34	36	38	39	40	40	41	40	40	39	38
-37.5°	25	26	27	27	27	28	28	28	27	27	27
-38.75°	20	21	22	22	22	23	23	23	22	22	22
-40°	17	17	17	18	18	18	18	18	18	18	17
-41.25°	14	15	15	15	15	15	15	15	15	15	15
-42.5°	12	12	13	13	13	13	13	13	13	13	13
-43.75°	10	10	11	11	11	11	11	11	11	11	11
-45°	8	9	9	9	9	9	9	9	9	9	9
-46.25°	7	7	7	8	8	8	8	8	8	8	7
-47.5°	6	6	6	6	6	6	7	6	6	6	6
-48.75°	5	6	6	6	6	6	6	6	6	6	6
-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°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-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°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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°	1	1	1	1	1	1	1	1	1	0	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	3	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	3	2
51.25°	4	4	4	4	4	3	3	3	3	3	3
50°	5	5	5	4	4	4	4	4	4	3	3
48.75°	6	5	5	5	5	5	5	5	4	4	4
47.5°	6	6	6	6	6	6	6	5	5	5	5
46.25°	7	7	7	7	7	6	6	6	6	6	5
45°	9	8	8	8	8	8	7	7	7	6	6
43.75°	10	10	10	9	9	9	8	8	8	8	7
42.5°	12	12	12	11	11	11	10	10	9	9	8
41.25°	15	14	14	14	13	13	12	11	11	10	10
40°	17	17	16	16	15	15	14	13	13	12	11
38.75°	21	20	20	19	18	17	16	16	15	14	13
37.5°	26	25	24	23	22	21	19	18	17	16	15
36.25°	36	34	31	28	27	25	24	22	21	19	17
35°	49	46	44	41	38	34	30	27	25	23	21



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	61	59	56	53	50	46	42	37	32	27	25
32.5°	73	71	68	65	62	58	54	49	44	39	33
31.25°	86	83	80	76	73	69	65	60	55	50	44
30°	101	98	94	90	86	81	76	71	66	60	54
28.75°	117	113	109	105	100	94	89	82	76	71	65
27.5°	137	132	127	121	115	108	102	96	89	81	74
26.25°	158	153	147	140	132	125	117	109	101	94	86
25°	184	176	169	161	152	143	134	124	115	106	97
23.75°	215	205	195	185	174	164	152	141	131	120	109
22.5°	249	239	228	215	200	187	173	160	148	135	123
21.25°	288	273	261	247	232	215	197	182	167	152	138
20°	335	320	302	281	263	245	226	206	188	170	154
18.75°	387	366	347	325	301	276	255	234	212	191	172
17.5°	465	429	400	368	343	316	287	261	238	213	191
16.25°	584	527	477	428	390	356	325	293	263	238	212
15°	769	678	592	514	455	404	362	328	293	261	234
13.75°	1038	902	764	640	546	469	408	362	325	287	255
12.5°	1385	1199	1004	820	673	557	469	404	356	316	276
11.25°	1781	1549	1301	1056	844	673	546	455	390	343	301
10°	2170	1917	1633	1335	1056	820	640	514	428	368	325
8.75°	2522	2263	1963	1633	1301	1004	764	592	477	400	347
7.5°	2827	2568	2263	1917	1549	1199	902	678	527	429	366
6.25°	3090	2827	2522	2170	1781	1385	1038	769	584	465	387
5°	3316	3042	2734	2380	1983	1566	1178	861	633	495	406
3.75°	3494	3212	2895	2542	2143	1711	1293	946	690	523	422
2.5°	3625	3339	3016	2659	2258	1820	1379	1008	731	549	436
1.25°	3705	3414	3088	2731	2329	1886	1438	1045	756	564	445
0°	3732	3440	3112	2755	2352	1909	1458	1058	764	570	449
-1.25°	3705	3414	3088	2731	2329	1886	1438	1045	756	564	445
-2.5°	3625	3339	3016	2659	2258	1820	1379	1008	731	549	436
-3.75°	3494	3212	2895	2542	2143	1711	1293	946	690	523	422
-5°	3316	3042	2734	2380	1983	1566	1178	861	633	495	406
-6.25°	3090	2827	2522	2170	1781	1385	1038	769	584	465	387
-7.5°	2827	2568	2263	1917	1549	1199	902	678	527	429	366
-8.75°	2522	2263	1963	1633	1301	1004	764	592	477	400	347
-10°	2170	1917	1633	1335	1056	820	640	514	428	368	325
-11.25°	1781	1549	1301	1056	844	673	546	455	390	343	301
-12.5°	1385	1199	1004	820	673	557	469	404	356	316	276
-13.75°	1038	902	764	640	546	469	408	362	325	287	255
-15°	769	678	592	514	455	404	362	328	293	261	234
-16.25°	584	527	477	428	390	356	325	293	263	238	212
-17.5°	465	429	400	368	343	316	287	261	238	213	191
-18.75°	387	366	347	325	301	276	255	234	212	191	172
-20°	335	320	302	281	263	245	226	206	188	170	154
-21.25°	288	273	261	247	232	215	197	182	167	152	138



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	249	239	228	215	200	187	173	160	148	135	123
-23.75°	215	205	195	185	174	164	152	141	131	120	109
-25°	184	176	169	161	152	143	134	124	115	106	97
-26.25°	158	153	147	140	132	125	117	109	101	94	86
-27.5°	137	132	127	121	115	108	102	96	89	81	74
-28.75°	117	113	109	105	100	94	89	82	76	71	65
-30°	101	98	94	90	86	81	76	71	66	60	54
-31.25°	86	83	80	76	73	69	65	60	55	50	44
-32.5°	73	71	68	65	62	58	54	49	44	39	33
-33.75°	61	59	56	53	50	46	42	37	32	27	25
-35°	49	46	44	41	38	34	30	27	25	23	21
-36.25°	36	34	31	28	27	25	24	22	21	19	17
-37.5°	26	25	24	23	22	21	19	18	17	16	15
-38.75°	21	20	20	19	18	17	16	16	15	14	13
-40°	17	17	16	16	15	15	14	13	13	12	11
-41.25°	15	14	14	14	13	13	12	11	11	10	10
-42.5°	12	12	12	11	11	11	10	10	9	9	8
-43.75°	10	10	10	9	9	9	8	8	8	8	7
-45°	9	8	8	8	8	8	7	7	7	6	6
-46.25°	7	7	7	7	7	6	6	6	6	6	5
-47.5°	6	6	6	6	6	6	6	5	5	5	5
-48.75°	6	5	5	5	5	5	5	5	4	4	4
-50°	5	5	5	4	4	4	4	4	4	3	3
-51.25°	4	4	4	4	4	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	2
-53.75°	3	3	3	3	3	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	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	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	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	2	2	1	1
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°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	4	4	3	3	3	3	3	3	2	2	2
47.5°	5	4	4	4	3	3	3	3	3	3	2
46.25°	5	5	5	4	4	4	4	3	3	3	3
45°	6	6	5	5	5	4	4	4	3	3	3
43.75°	7	6	6	6	5	5	5	4	4	4	3
42.5°	8	7	7	6	6	6	5	5	5	4	4
41.25°	9	8	8	7	7	6	6	6	5	5	4
40°	11	10	9	8	8	7	7	6	6	5	5
38.75°	12	12	11	10	9	8	8	7	6	6	6
37.5°	14	13	12	11	10	9	9	8	7	7	6
36.25°	16	15	14	13	12	11	10	9	8	8	7
35°	19	17	16	15	14	13	12	10	9	8	8



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	23	21	19	17	16	14	13	12	11	9	8
32.5°	27	25	23	20	18	16	15	13	12	11	9
31.25°	37	31	26	24	21	18	17	15	14	12	11
30°	48	41	34	27	25	22	19	17	15	14	12
28.75°	58	51	44	37	29	25	22	19	17	15	13
27.5°	68	61	54	46	38	30	25	22	19	17	15
26.25°	77	70	63	55	47	39	30	25	22	18	16
25°	89	80	72	64	56	47	38	29	25	21	18
23.75°	100	91	81	72	64	55	46	37	27	24	20
22.5°	112	101	91	81	72	63	54	44	34	26	23
21.25°	125	112	101	91	80	70	61	51	41	31	25
20°	139	125	112	100	89	77	68	58	48	37	27
18.75°	154	138	123	109	97	86	74	65	54	44	33
17.5°	170	152	135	120	106	94	81	71	60	50	39
16.25°	188	167	148	131	115	101	89	76	66	55	44
15°	206	182	160	141	124	109	96	82	71	60	49
13.75°	226	197	173	152	134	117	102	89	76	65	54
12.5°	245	215	187	164	143	125	108	94	81	69	58
11.25°	263	232	200	174	152	132	115	100	86	73	62
10°	281	247	215	185	161	140	121	105	90	76	65
8.75°	302	261	228	195	169	147	127	109	94	80	68
7.5°	320	273	239	205	176	153	132	113	98	83	71
6.25°	335	288	249	215	184	158	137	117	101	86	73
5°	348	300	257	222	190	163	140	121	104	89	75
3.75°	358	309	264	229	195	167	144	123	106	91	76
2.5°	365	316	268	233	198	170	146	125	107	92	77
1.25°	370	320	271	236	200	171	147	126	108	93	78
0°	371	322	272	236	201	172	148	127	108	93	78
-1.25°	370	320	271	236	200	171	147	126	108	93	78
-2.5°	365	316	268	233	198	170	146	125	107	92	77
-3.75°	358	309	264	229	195	167	144	123	106	91	76
-5°	348	300	257	222	190	163	140	121	104	89	75
-6.25°	335	288	249	215	184	158	137	117	101	86	73
-7.5°	320	273	239	205	176	153	132	113	98	83	71
-8.75°	302	261	228	195	169	147	127	109	94	80	68
-10°	281	247	215	185	161	140	121	105	90	76	65
-11.25°	263	232	200	174	152	132	115	100	86	73	62
-12.5°	245	215	187	164	143	125	108	94	81	69	58
-13.75°	226	197	173	152	134	117	102	89	76	65	54
-15°	206	182	160	141	124	109	96	82	71	60	49
-16.25°	188	167	148	131	115	101	89	76	66	55	44
-17.5°	170	152	135	120	106	94	81	71	60	50	39
-18.75°	154	138	123	109	97	86	74	65	54	44	33
-20°	139	125	112	100	89	77	68	58	48	37	27
-21.25°	125	112	101	91	80	70	61	51	41	31	25



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	112	101	91	81	72	63	54	44	34	26	23
-23.75°	100	91	81	72	64	55	46	37	27	24	20
-25°	89	80	72	64	56	47	38	29	25	21	18
-26.25°	77	70	63	55	47	39	30	25	22	18	16
-27.5°	68	61	54	46	38	30	25	22	19	17	15
-28.75°	58	51	44	37	29	25	22	19	17	15	13
-30°	48	41	34	27	25	22	19	17	15	14	12
-31.25°	37	31	26	24	21	18	17	15	14	12	11
-32.5°	27	25	23	20	18	16	15	13	12	11	9
-33.75°	23	21	19	17	16	14	13	12	11	9	8
-35°	19	17	16	15	14	13	12	10	9	8	8
-36.25°	16	15	14	13	12	11	10	9	8	8	7
-37.5°	14	13	12	11	10	9	9	8	7	7	6
-38.75°	12	12	11	10	9	8	8	7	6	6	6
-40°	11	10	9	8	8	7	7	6	6	5	5
-41.25°	9	8	8	7	7	6	6	6	5	5	4
-42.5°	8	7	7	6	6	6	5	5	5	4	4
-43.75°	7	6	6	6	5	5	5	4	4	4	3
-45°	6	6	5	5	5	4	4	4	3	3	3
-46.25°	5	5	5	4	4	4	4	3	3	3	3
-47.5°	5	4	4	4	3	3	3	3	3	3	2
-48.75°	4	4	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	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	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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°	1	1	0	0	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	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	0	0
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	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	2	2	1	1	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	2	2	1	1	1	1
47.5°	2	2	2	2	2	2	2	2	1	1	1
46.25°	2	2	2	2	2	2	2	2	2	1	1
45°	3	3	2	2	2	2	2	2	2	2	1
43.75°	3	3	3	2	2	2	2	2	2	2	2
42.5°	3	3	3	3	2	2	2	2	2	2	2
41.25°	4	4	3	3	3	2	2	2	2	2	2
40°	5	4	4	3	3	3	2	2	2	2	2
38.75°	5	5	4	4	3	3	3	2	2	2	2
37.5°	6	5	5	4	4	3	3	3	2	2	2
36.25°	6	6	5	5	4	4	3	3	3	2	2
35°	7	6	6	5	5	4	4	3	3	3	2



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	8	7	6	6	5	5	4	3	3	3	2
32.5°	8	8	7	6	6	5	4	4	3	3	3
31.25°	9	8	8	7	6	5	5	4	4	3	3
30°	11	9	8	7	6	6	5	5	4	3	3
28.75°	12	10	9	8	7	6	6	5	4	4	3
27.5°	13	12	10	9	8	7	6	5	5	4	4
26.25°	14	13	11	9	8	7	6	6	5	4	4
25°	16	14	12	10	9	8	7	6	5	5	4
23.75°	17	15	13	11	10	8	7	6	6	5	4
22.5°	19	16	14	12	11	9	8	7	6	5	5
21.25°	21	17	15	13	12	10	8	7	6	6	5
20°	23	19	16	14	12	11	9	8	7	6	5
18.75°	25	21	17	15	13	11	10	8	7	6	5
17.5°	27	23	19	16	14	12	10	9	8	6	6
16.25°	32	25	21	17	15	13	11	9	8	7	6
15°	37	27	22	18	16	13	11	10	8	7	6
13.75°	42	30	24	19	16	14	12	10	8	7	6
12.5°	46	34	25	21	17	15	13	11	9	8	6
11.25°	50	38	27	22	18	15	13	11	9	8	7
10°	53	41	28	23	19	16	14	11	9	8	7
8.75°	56	44	31	24	20	16	14	12	10	8	7
7.5°	59	46	34	25	20	17	14	12	10	8	7
6.25°	61	49	36	26	21	17	15	12	10	9	7
5°	63	50	38	27	22	17	15	13	11	9	7
3.75°	64	52	39	27	22	18	15	13	11	9	8
2.5°	65	53	40	27	22	18	15	13	11	9	8
1.25°	66	53	40	28	23	18	15	13	11	9	8
0°	66	54	41	28	23	18	15	13	11	9	8
-1.25°	66	53	40	28	23	18	15	13	11	9	8
-2.5°	65	53	40	27	22	18	15	13	11	9	8
-3.75°	64	52	39	27	22	18	15	13	11	9	8
-5°	63	50	38	27	22	17	15	13	11	9	7
-6.25°	61	49	36	26	21	17	15	12	10	9	7
-7.5°	59	46	34	25	20	17	14	12	10	8	7
-8.75°	56	44	31	24	20	16	14	12	10	8	7
-10°	53	41	28	23	19	16	14	11	9	8	7
-11.25°	50	38	27	22	18	15	13	11	9	8	7
-12.5°	46	34	25	21	17	15	13	11	9	8	6
-13.75°	42	30	24	19	16	14	12	10	8	7	6
-15°	37	27	22	18	16	13	11	10	8	7	6
-16.25°	32	25	21	17	15	13	11	9	8	7	6
-17.5°	27	23	19	16	14	12	10	9	8	6	6
-18.75°	25	21	17	15	13	11	10	8	7	6	5
-20°	23	19	16	14	12	11	9	8	7	6	5
-21.25°	21	17	15	13	12	10	8	7	6	6	5



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	19	16	14	12	11	9	8	7	6	5	5
-23.75°	17	15	13	11	10	8	7	6	6	5	4
-25°	16	14	12	10	9	8	7	6	5	5	4
-26.25°	14	13	11	9	8	7	6	6	5	4	4
-27.5°	13	12	10	9	8	7	6	5	5	4	4
-28.75°	12	10	9	8	7	6	6	5	4	4	3
-30°	11	9	8	7	6	6	5	5	4	3	3
-31.25°	9	8	8	7	6	5	5	4	4	3	3
-32.5°	8	8	7	6	6	5	4	4	3	3	3
-33.75°	8	7	6	6	5	5	4	3	3	3	2
-35°	7	6	6	5	5	4	4	3	3	3	2
-36.25°	6	6	5	5	4	4	3	3	3	2	2
-37.5°	6	5	5	4	4	3	3	3	2	2	2
-38.75°	5	5	4	4	3	3	3	2	2	2	2
-40°	5	4	4	3	3	3	2	2	2	2	2
-41.25°	4	4	3	3	3	2	2	2	2	2	2
-42.5°	3	3	3	3	2	2	2	2	2	2	2
-43.75°	3	3	3	2	2	2	2	2	2	2	2
-45°	3	3	2	2	2	2	2	2	2	2	1
-46.25°	2	2	2	2	2	2	2	2	2	1	1
-47.5°	2	2	2	2	2	2	2	2	1	1	1
-48.75°	2	2	2	2	2	2	2	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	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	0	0
-63.75°	1	1	1	1	1	1	1	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	0	0	0	0	0	0	0	0
57.5°	1	1	1	1	1	0	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	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	1	0	0	0
52.5°	1	1	1	1	1	1	1	1	1	0	0
51.25°	1	1	1	1	1	1	1	1	1	0	0
50°	1	1	1	1	1	1	1	1	1	1	0
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	2	1	1	1	1	1	1	1	1	1	1
41.25°	2	2	1	1	1	1	1	1	1	1	1
40°	2	2	1	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	2	1	1	1	1	1
31.25°	3	2	2	2	2	2	1	1	1	1	1
30°	3	2	2	2	2	2	2	1	1	1	1
28.75°	3	3	2	2	2	2	2	1	1	1	1
27.5°	3	3	2	2	2	2	2	1	1	1	1
26.25°	3	3	2	2	2	2	2	2	1	1	1
25°	3	3	3	2	2	2	2	2	1	1	1
23.75°	4	3	3	2	2	2	2	2	1	1	1
22.5°	4	3	3	3	2	2	2	2	2	1	1
21.25°	4	4	3	3	2	2	2	2	2	1	1
20°	5	4	3	3	2	2	2	2	2	1	1
18.75°	5	4	3	3	2	2	2	2	2	1	1
17.5°	5	4	3	3	3	2	2	2	2	1	1
16.25°	5	4	4	3	3	2	2	2	2	2	1
15°	5	5	4	3	3	2	2	2	2	2	1
13.75°	6	5	4	3	3	2	2	2	2	2	1
12.5°	6	5	4	3	3	2	2	2	2	2	1
11.25°	6	5	4	4	3	3	2	2	2	2	1
10°	6	5	4	4	3	3	2	2	2	2	1
8.75°	6	5	5	4	3	3	2	2	2	2	1
7.5°	6	5	5	4	3	3	2	2	2	2	2
6.25°	6	6	5	4	3	3	2	2	2	2	2
5°	6	6	5	4	3	3	2	2	2	2	2
3.75°	6	6	5	4	3	3	2	2	2	2	2
2.5°	6	6	5	4	3	3	2	2	2	2	2
1.25°	6	6	5	4	3	3	2	2	2	2	2
0°	7	6	5	4	3	3	2	2	2	2	2
-1.25°	6	6	5	4	3	3	2	2	2	2	2
-2.5°	6	6	5	4	3	3	2	2	2	2	2
-3.75°	6	6	5	4	3	3	2	2	2	2	2
-5°	6	6	5	4	3	3	2	2	2	2	2
-6.25°	6	6	5	4	3	3	2	2	2	2	2
-7.5°	6	5	5	4	3	3	2	2	2	2	2
-8.75°	6	5	5	4	3	3	2	2	2	2	1
-10°	6	5	4	4	3	3	2	2	2	2	1
-11.25°	6	5	4	4	3	3	2	2	2	2	1
-12.5°	6	5	4	3	3	2	2	2	2	2	1
-13.75°	6	5	4	3	3	2	2	2	2	2	1
-15°	5	5	4	3	3	2	2	2	2	2	1
-16.25°	5	4	4	3	3	2	2	2	2	2	1
-17.5°	5	4	3	3	3	2	2	2	2	1	1
-18.75°	5	4	3	3	2	2	2	2	2	1	1
-20°	5	4	3	3	2	2	2	2	2	1	1
-21.25°	4	4	3	3	2	2	2	2	2	1	1



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	4	3	3	3	2	2	2	2	2	1	1
-23.75°	4	3	3	2	2	2	2	2	1	1	1
-25°	3	3	3	2	2	2	2	2	1	1	1
-26.25°	3	3	2	2	2	2	2	2	1	1	1
-27.5°	3	3	2	2	2	2	2	1	1	1	1
-28.75°	3	3	2	2	2	2	2	1	1	1	1
-30°	3	2	2	2	2	2	2	1	1	1	1
-31.25°	3	2	2	2	2	2	1	1	1	1	1
-32.5°	2	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	1	1	1	1	1	1	1	1
-40°	2	2	1	1	1	1	1	1	1	1	1
-41.25°	2	2	1	1	1	1	1	1	1	1	1
-42.5°	2	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	0
-51.25°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	1	0	0	0	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0	0	0	0	0
43.75°	1	1	0	0	0	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0	0	0	0	0
41.25°	1	1	1	0	0	0	0	0	0	0	0
40°	1	1	1	0	0	0	0	0	0	0	0
38.75°	1	1	1	1	0	0	0	0	0	0	0
37.5°	1	1	1	1	0	0	0	0	0	0	0
36.25°	1	1	1	1	0	0	0	0	0	0	0
35°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	1	1	1	1	1	0	0	0	0	0	0
32.5°	1	1	1	1	1	0	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	0	0	0	0	0
27.5°	1	1	1	1	1	1	0	0	0	0	0
26.25°	1	1	1	1	1	1	0	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	1	0	0	0
15°	1	1	1	1	1	1	1	1	0	0	0
13.75°	1	1	1	1	1	1	1	1	0	0	0
12.5°	1	1	1	1	1	1	1	1	0	0	0
11.25°	1	1	1	1	1	1	1	1	0	0	0
10°	1	1	1	1	1	1	1	1	0	0	0
8.75°	1	1	1	1	1	1	1	1	0	0	0
7.5°	1	1	1	1	1	1	1	1	0	0	0
6.25°	1	1	1	1	1	1	1	1	0	0	0
5°	1	1	1	1	1	1	1	1	0	0	0
3.75°	1	1	1	1	1	1	1	1	0	0	0
2.5°	1	1	1	1	1	1	1	1	0	0	0
1.25°	1	1	1	1	1	1	1	1	0	0	0
0°	1	1	1	1	1	1	1	1	0	0	0
-1.25°	1	1	1	1	1	1	1	1	0	0	0
-2.5°	1	1	1	1	1	1	1	1	0	0	0
-3.75°	1	1	1	1	1	1	1	1	0	0	0
-5°	1	1	1	1	1	1	1	1	0	0	0
-6.25°	1	1	1	1	1	1	1	1	0	0	0
-7.5°	1	1	1	1	1	1	1	1	0	0	0
-8.75°	1	1	1	1	1	1	1	1	0	0	0
-10°	1	1	1	1	1	1	1	1	0	0	0
-11.25°	1	1	1	1	1	1	1	1	0	0	0
-12.5°	1	1	1	1	1	1	1	1	0	0	0
-13.75°	1	1	1	1	1	1	1	1	0	0	0
-15°	1	1	1	1	1	1	1	1	0	0	0
-16.25°	1	1	1	1	1	1	1	1	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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	0	0	0	0	0
-27.5°	1	1	1	1	1	1	0	0	0	0	0
-28.75°	1	1	1	1	1	1	0	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	0	0	0	0	0	0
-33.75°	1	1	1	1	1	0	0	0	0	0	0
-35°	1	1	1	1	1	0	0	0	0	0	0
-36.25°	1	1	1	1	0	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	1	0	0	0	0	0	0	0
-40°	1	1	1	0	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	0	0	0	0	0	0	0	0	0
-43.75°	1	1	0	0	0	0	0	0	0	0	0
-45°	1	0	0	0	0	0	0	0	0	0	0
-46.25°	1	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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: P220415 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-BK-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)