

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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29423)
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-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

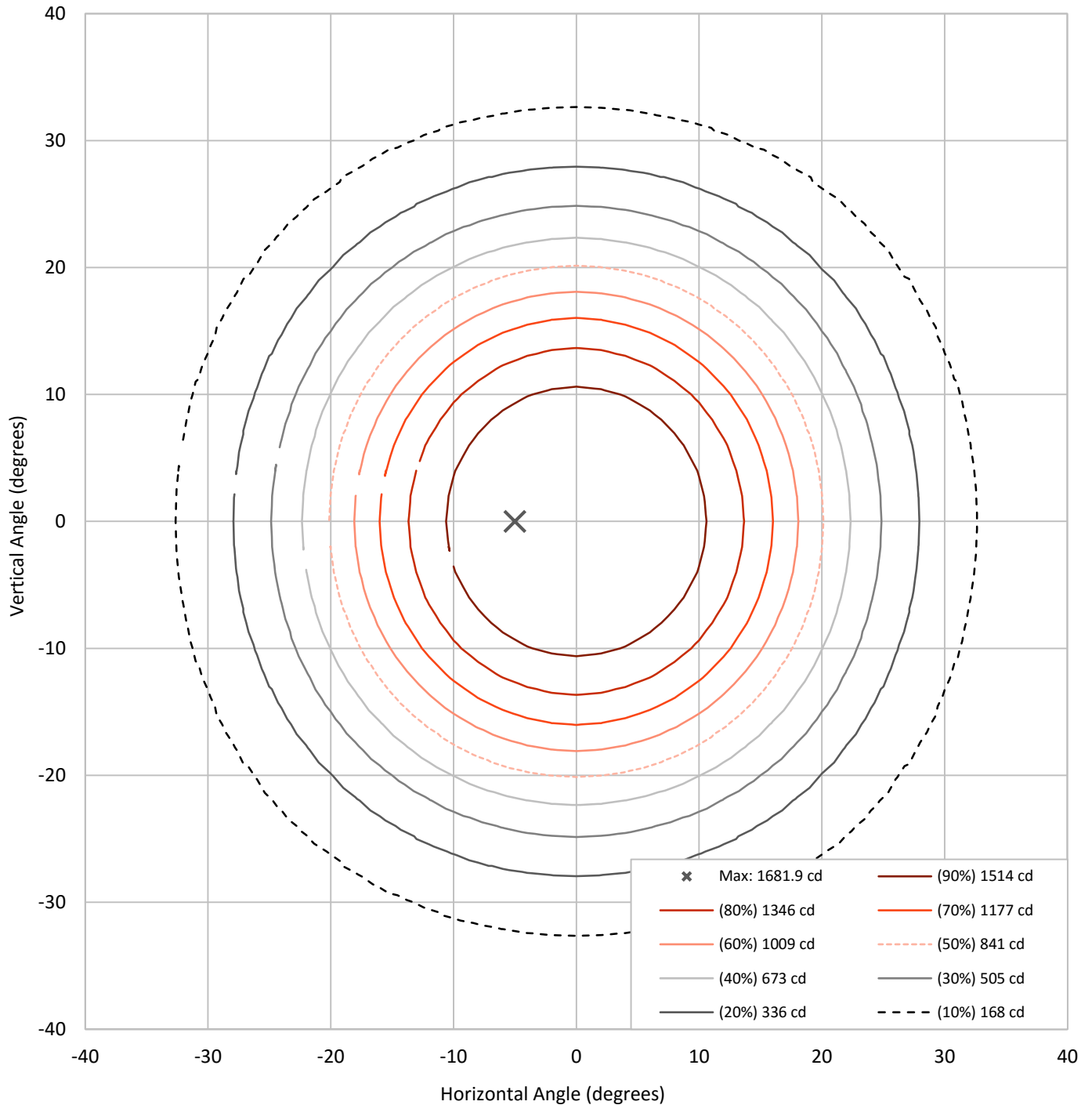
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	824.1 lumens	Max Intensity:	1681.9 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	82.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.3°H x 39.1°V	Field Angle (10%):	65°H x 64.5°V
Beam Lumens:	496.2 lumens	Field Lumens:	754.3 lumens
Beam Efficiency:	60.2%	Field Efficiency:	91.5%
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		

REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





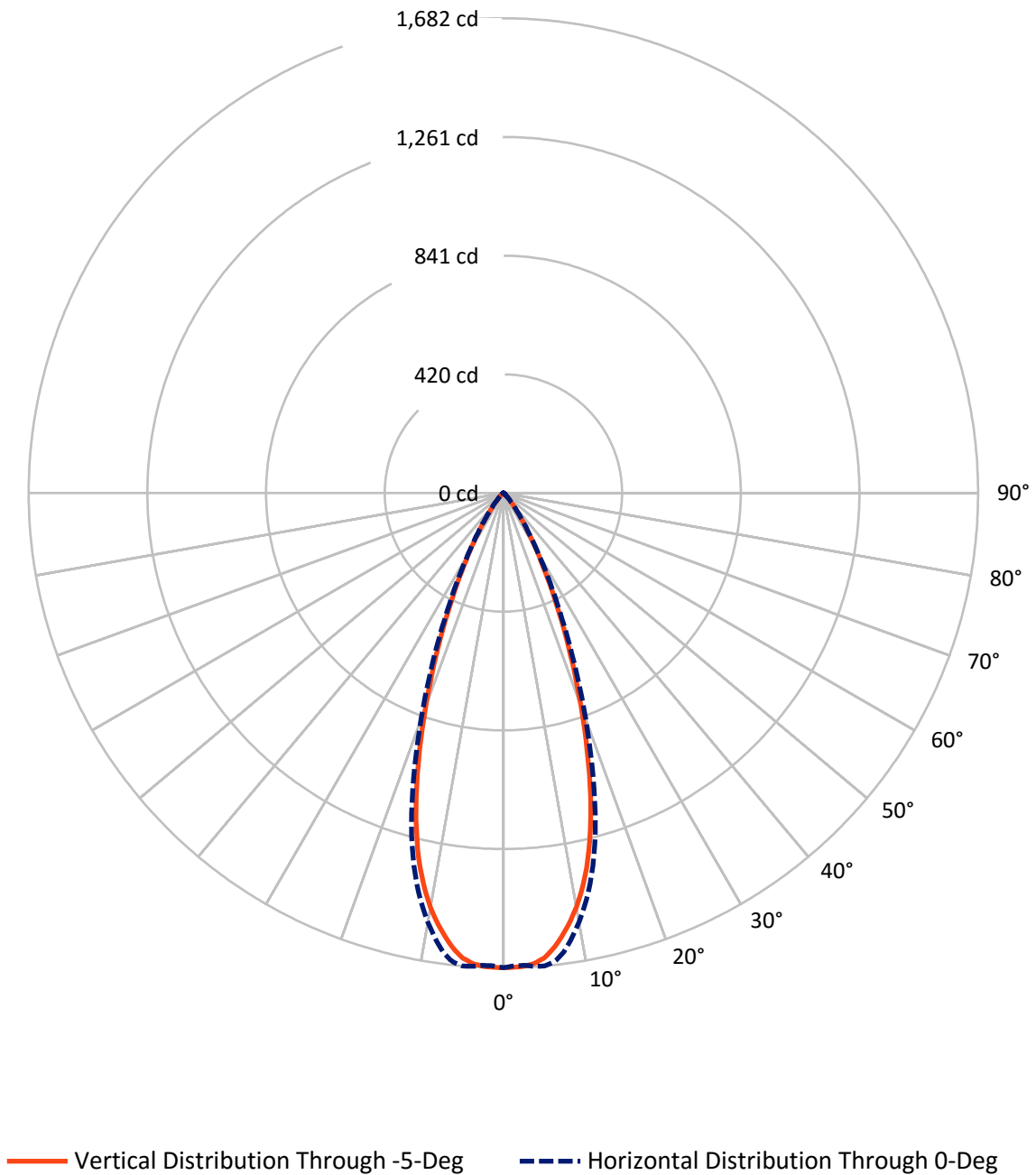
REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-BK-L1-UNV

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	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	0.0	0.0
70	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	0.0	0.0	0.0
60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.3	1.0	2.3	3.6	3.6	2.3	1.0	0.3	0.1	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.1	0.2	0.9	3.5	9.0	14.4	14.4	9.0	3.5	0.9	0.2	0.1	0.0	0.0	0.0	0.0
20		0.0	0.1	0.4	2.0	8.5	22.5	35.1	35.1	22.5	8.5	2.0	0.4	0.1	0.0	0.0	0.0	
10	0.0	0.0	0.1	0.5	3.0	13.2	34.1	48.6	48.6	34.1	13.2	3.0	0.5	0.1	0.0	0.0	0.0	0.0
0		0.0	0.1	0.5	3.0	13.2	34.1	48.6	48.6	34.1	13.2	3.0	0.5	0.1	0.0	0.0	0.0	
-10	0.0	0.0	0.1	0.5	3.0	13.2	34.1	48.6	48.6	34.1	13.2	3.0	0.5	0.1	0.0	0.0	0.0	0.0
-20		0.0	0.1	0.4	2.0	8.5	22.5	35.1	35.1	22.5	8.5	2.0	0.4	0.1	0.0	0.0	0.0	
-30	0.0	0.0	0.1	0.2	0.9	3.5	9.0	14.4	14.4	9.0	3.5	0.9	0.2	0.1	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.3	1.0	2.3	3.6	3.6	2.3	1.0	0.3	0.1	0.0	0.0	0.0	0.0	
-50	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	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	0.1	0.1	0.1	0.1	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	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	
-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	0.0	0.0

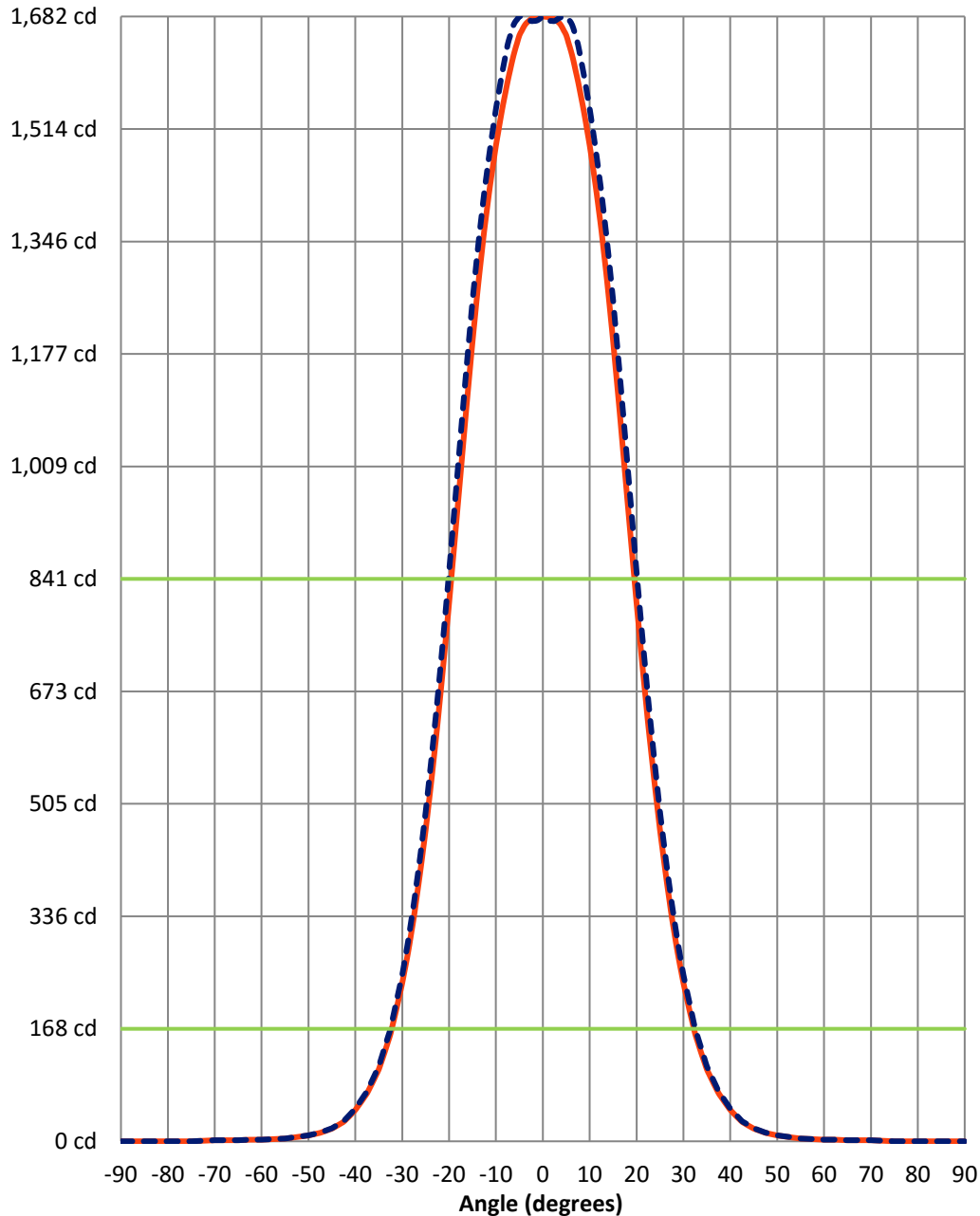
REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.3°
 V Angle: 39.1°
 Lumens: 496.2
 Efficiency: 60.2%

Field:
 H Angle: 65°
 V Angle: 64.5°
 Lumens: 754.3
 Efficiency: 91.5%

Spill:
 Lumens: 69.8
 Efficiency: 8.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1
47.5°	0	0	0	0	0	0	0	0	0	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	2
38.75°	0	0	0	0	0	0	0	1	1	1	2
37.5°	0	0	0	0	0	0	1	1	1	1	2
36.25°	0	0	0	0	0	0	1	1	1	2	2
35°	0	0	0	0	0	0	1	1	1	2	2



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1	1	1	2	2
32.5°	0	0	0	0	0	1	1	1	2	2	2
31.25°	0	0	0	0	0	1	1	1	2	2	2
30°	0	0	0	0	0	1	1	1	2	2	2
28.75°	0	0	0	0	0	1	1	1	2	2	2
27.5°	0	0	0	0	1	1	1	2	2	2	2
26.25°	0	0	0	0	1	1	1	2	2	2	2
25°	0	0	0	0	1	1	1	2	2	2	2
23.75°	0	0	0	0	1	1	1	2	2	2	2
22.5°	0	0	0	0	1	1	1	2	2	2	2
21.25°	0	0	0	0	1	1	2	2	2	2	2
20°	0	0	0	0	1	1	2	2	2	2	2
18.75°	0	0	0	0	1	1	2	2	2	2	2
17.5°	0	0	0	1	1	1	2	2	2	2	2
16.25°	0	0	0	1	1	1	2	2	2	2	2
15°	0	0	0	1	1	1	2	2	2	2	2
13.75°	0	0	0	1	1	1	2	2	2	2	2
12.5°	0	0	0	1	1	1	2	2	2	2	2
11.25°	0	0	0	1	1	1	2	2	2	2	2
10°	0	0	0	1	1	1	2	2	2	2	2
8.75°	0	0	0	1	1	2	2	2	2	2	2
7.5°	0	0	0	1	1	2	2	2	2	2	2
6.25°	0	0	0	1	1	2	2	2	2	2	2
5°	0	0	0	1	1	2	2	2	2	2	2
3.75°	0	0	0	1	1	2	2	2	2	2	2
2.5°	0	0	0	1	1	2	2	2	2	2	2
1.25°	0	0	0	1	1	2	2	2	2	2	2
0°	0	0	0	1	1	2	2	2	2	2	2
-1.25°	0	0	0	1	1	2	2	2	2	2	2
-2.5°	0	0	0	1	1	2	2	2	2	2	2
-3.75°	0	0	0	1	1	2	2	2	2	2	2
-5°	0	0	0	1	1	2	2	2	2	2	2
-6.25°	0	0	0	1	1	2	2	2	2	2	2
-7.5°	0	0	0	1	1	2	2	2	2	2	2
-8.75°	0	0	0	1	1	2	2	2	2	2	2
-10°	0	0	0	1	1	1	2	2	2	2	2
-11.25°	0	0	0	1	1	1	2	2	2	2	2
-12.5°	0	0	0	1	1	1	2	2	2	2	2
-13.75°	0	0	0	1	1	1	2	2	2	2	2
-15°	0	0	0	1	1	1	2	2	2	2	2
-16.25°	0	0	0	1	1	1	2	2	2	2	2
-17.5°	0	0	0	1	1	1	2	2	2	2	2
-18.75°	0	0	0	0	1	1	2	2	2	2	2
-20°	0	0	0	0	1	1	2	2	2	2	2
-21.25°	0	0	0	0	1	1	2	2	2	2	2



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1	1	1	2	2	2	2
-23.75°	0	0	0	0	1	1	1	2	2	2	2
-25°	0	0	0	0	1	1	1	2	2	2	2
-26.25°	0	0	0	0	1	1	1	2	2	2	2
-27.5°	0	0	0	0	1	1	1	2	2	2	2
-28.75°	0	0	0	0	0	1	1	1	2	2	2
-30°	0	0	0	0	0	1	1	1	2	2	2
-31.25°	0	0	0	0	0	1	1	1	2	2	2
-32.5°	0	0	0	0	0	1	1	1	2	2	2
-33.75°	0	0	0	0	0	0	1	1	1	2	2
-35°	0	0	0	0	0	0	1	1	1	2	2
-36.25°	0	0	0	0	0	0	1	1	1	2	2
-37.5°	0	0	0	0	0	0	1	1	1	1	2
-38.75°	0	0	0	0	0	0	0	1	1	1	2
-40°	0	0	0	0	0	0	0	1	1	1	2
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	2
56.25°	0	0	0	1	1	1	1	1	2	2	2
55°	0	0	1	1	1	1	1	2	2	2	2
53.75°	0	0	1	1	1	1	2	2	2	2	2
52.5°	0	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	1	1	2	2	2	2	2	2
50°	1	1	1	1	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	1	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	2	2	2	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	2	3	3	3
31.25°	2	2	2	2	2	2	2	3	3	3	4
30°	2	2	2	2	2	2	2	3	3	3	4
28.75°	2	2	2	2	2	2	2	3	3	4	4
27.5°	2	2	2	2	2	2	3	3	3	4	4
26.25°	2	2	2	2	2	2	3	3	3	4	4
25°	2	2	2	2	2	2	3	3	4	4	5
23.75°	2	2	2	2	2	3	3	3	4	4	5
22.5°	2	2	2	2	2	3	3	3	4	4	5
21.25°	2	2	2	2	2	3	3	4	4	5	6
20°	2	2	2	2	3	3	3	4	4	5	6
18.75°	2	2	2	2	3	3	3	4	4	5	6
17.5°	2	2	2	2	3	3	4	4	5	6	7
16.25°	2	2	2	2	3	3	4	4	5	6	7
15°	2	2	2	2	3	3	4	4	5	6	7
13.75°	2	2	2	2	3	3	4	4	5	6	8
12.5°	2	2	2	3	3	3	4	4	6	7	8
11.25°	2	2	2	3	3	3	4	5	6	7	8
10°	2	2	2	3	3	4	4	5	6	7	8
8.75°	2	2	2	3	3	4	4	5	6	7	8
7.5°	2	2	2	3	3	4	4	5	6	7	9
6.25°	2	2	2	3	3	4	4	5	6	7	9
5°	2	2	2	3	3	4	4	5	6	8	9
3.75°	2	2	2	3	3	4	4	5	6	8	9
2.5°	2	2	2	3	3	4	4	5	6	8	9
1.25°	2	2	2	3	3	4	4	5	6	8	9
0°	2	2	2	3	3	4	4	5	7	8	9
-1.25°	2	2	2	3	3	4	4	5	6	8	9
-2.5°	2	2	2	3	3	4	4	5	6	8	9
-3.75°	2	2	2	3	3	4	4	5	6	8	9
-5°	2	2	2	3	3	4	4	5	6	8	9
-6.25°	2	2	2	3	3	4	4	5	6	7	9
-7.5°	2	2	2	3	3	4	4	5	6	7	9
-8.75°	2	2	2	3	3	4	4	5	6	7	8
-10°	2	2	2	3	3	4	4	5	6	7	8
-11.25°	2	2	2	3	3	3	4	5	6	7	8
-12.5°	2	2	2	3	3	3	4	4	6	7	8
-13.75°	2	2	2	2	3	3	4	4	5	6	8
-15°	2	2	2	2	3	3	4	4	5	6	7
-16.25°	2	2	2	2	3	3	4	4	5	6	7
-17.5°	2	2	2	2	3	3	4	4	5	6	7
-18.75°	2	2	2	2	3	3	3	4	4	5	6
-20°	2	2	2	2	3	3	3	4	4	5	6
-21.25°	2	2	2	2	2	3	3	4	4	5	6



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	2	2	2	2	2	3	3	3	4	4	5
-23.75°	2	2	2	2	2	3	3	3	4	4	5
-25°	2	2	2	2	2	2	3	3	4	4	5
-26.25°	2	2	2	2	2	2	3	3	3	4	4
-27.5°	2	2	2	2	2	2	3	3	3	4	4
-28.75°	2	2	2	2	2	2	2	3	3	4	4
-30°	2	2	2	2	2	2	2	3	3	3	4
-31.25°	2	2	2	2	2	2	2	3	3	3	4
-32.5°	2	2	2	2	2	2	2	2	3	3	3
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	2	2	2	2	2	2	2	2	2	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	2	3
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	1	2	2	2	2	2	2	2	2	2	2
-45°	1	2	2	2	2	2	2	2	2	2	2
-46.25°	1	1	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	1	2	2	2	2	2	2	2
-51.25°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	0	1	1	1	1	2	2	2	2	2	2
-53.75°	0	0	1	1	1	1	2	2	2	2	2
-55°	0	0	1	1	1	1	1	2	2	2	2
-56.25°	0	0	0	1	1	1	1	1	2	2	2
-57.5°	0	0	0	0	1	1	1	1	1	1	2
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1	1
67.5°	0	0	0	0	0	0	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	2	3	3	3	3	3
46.25°	2	2	2	2	2	3	3	3	3	4	4
45°	2	2	2	2	3	3	3	3	4	4	4
43.75°	2	2	2	3	3	3	3	4	4	4	5
42.5°	2	2	3	3	3	3	4	4	4	5	6
41.25°	2	3	3	3	3	4	4	4	5	6	6
40°	3	3	3	3	4	4	4	5	6	6	7
38.75°	3	3	3	4	4	4	5	6	6	7	8
37.5°	3	3	4	4	4	5	6	6	7	8	9
36.25°	3	3	4	4	5	6	6	7	8	9	10
35°	3	4	4	4	5	6	7	8	9	10	11



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	4	4	4	5	6	7	8	8	10	11	12
32.5°	4	4	5	6	7	7	8	9	11	12	14
31.25°	4	4	5	6	7	8	9	10	12	14	16
30°	4	5	6	7	8	9	10	11	13	15	18
28.75°	4	5	6	7	8	9	11	12	15	17	19
27.5°	5	6	7	8	9	10	12	14	16	19	22
26.25°	5	6	7	8	10	11	13	15	18	21	25
25°	6	7	8	9	10	12	14	17	19	24	28
23.75°	6	7	8	9	11	13	16	18	22	26	31
22.5°	7	8	9	10	12	14	17	20	24	29	35
21.25°	7	8	9	11	13	15	18	22	26	31	39
20°	7	8	10	12	14	17	19	24	29	35	43
18.75°	8	9	10	12	15	18	21	26	31	39	47
17.5°	8	9	11	13	16	19	23	28	34	43	52
16.25°	8	10	12	14	17	20	25	29	37	46	56
15°	8	10	12	15	18	21	26	32	40	49	61
13.75°	9	11	13	15	18	23	28	34	43	53	65
12.5°	9	11	13	16	19	24	29	37	46	57	69
11.25°	9	11	14	17	20	25	30	39	48	60	72
10°	10	12	14	17	21	26	32	41	51	63	76
8.75°	10	12	15	18	22	27	34	43	53	66	80
7.5°	10	12	15	18	23	28	35	44	55	68	84
6.25°	10	12	15	19	23	29	37	46	57	70	87
5°	11	13	16	19	24	29	38	47	59	72	89
3.75°	11	13	16	19	24	30	38	48	60	73	91
2.5°	11	13	16	19	25	30	39	48	61	74	92
1.25°	11	13	16	19	25	30	39	49	62	75	93
0°	11	13	16	20	25	30	39	49	62	75	93
-1.25°	11	13	16	19	25	30	39	49	62	75	93
-2.5°	11	13	16	19	25	30	39	48	61	74	92
-3.75°	11	13	16	19	24	30	38	48	60	73	91
-5°	11	13	16	19	24	29	38	47	59	72	89
-6.25°	10	12	15	19	23	29	37	46	57	70	87
-7.5°	10	12	15	18	23	28	35	44	55	68	84
-8.75°	10	12	15	18	22	27	34	43	53	66	80
-10°	10	12	14	17	21	26	32	41	51	63	76
-11.25°	9	11	14	17	20	25	30	39	48	60	72
-12.5°	9	11	13	16	19	24	29	37	46	57	69
-13.75°	9	11	13	15	18	23	28	34	43	53	65
-15°	8	10	12	15	18	21	26	32	40	49	61
-16.25°	8	10	12	14	17	20	25	29	37	46	56
-17.5°	8	9	11	13	16	19	23	28	34	43	52
-18.75°	8	9	10	12	15	18	21	26	31	39	47
-20°	7	8	10	12	14	17	19	24	29	35	43
-21.25°	7	8	9	11	13	15	18	22	26	31	39



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	7	8	9	10	12	14	17	20	24	29	35
-23.75°	6	7	8	9	11	13	16	18	22	26	31
-25°	6	7	8	9	10	12	14	17	19	24	28
-26.25°	5	6	7	8	10	11	13	15	18	21	25
-27.5°	5	6	7	8	9	10	12	14	16	19	22
-28.75°	4	5	6	7	8	9	11	12	15	17	19
-30°	4	5	6	7	8	9	10	11	13	15	18
-31.25°	4	4	5	6	7	8	9	10	12	14	16
-32.5°	4	4	5	6	7	7	8	9	11	12	14
-33.75°	4	4	4	5	6	7	8	8	10	11	12
-35°	3	4	4	4	5	6	7	8	9	10	11
-36.25°	3	3	4	4	5	6	6	7	8	9	10
-37.5°	3	3	4	4	4	5	6	6	7	8	9
-38.75°	3	3	3	4	4	4	5	6	6	7	8
-40°	3	3	3	3	4	4	4	5	6	6	7
-41.25°	2	3	3	3	3	4	4	4	5	6	6
-42.5°	2	2	3	3	3	3	4	4	4	5	6
-43.75°	2	2	2	3	3	3	3	4	4	4	5
-45°	2	2	2	2	3	3	3	3	4	4	4
-46.25°	2	2	2	2	2	3	3	3	3	4	4
-47.5°	2	2	2	2	2	2	3	3	3	3	3
-48.75°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	0	1	1	1	1	1	1	1	1	1	2
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	1	1	1	1	1
70°	0	0	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	2	2	2	2	2
66.25°	1	1	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	4	4	4
51.25°	3	3	3	3	3	4	4	4	4	4	4
50°	3	3	3	4	4	4	4	4	5	5	5
48.75°	3	4	4	4	4	4	5	5	6	6	7
47.5°	4	4	4	4	5	5	6	6	7	7	8
46.25°	4	4	5	5	6	6	7	7	8	8	9
45°	4	5	6	6	7	7	8	8	9	9	10
43.75°	5	6	7	7	8	8	9	10	10	11	12
42.5°	6	7	7	8	9	9	10	11	12	13	14
41.25°	7	8	8	9	10	11	12	13	14	16	17
40°	8	8	9	10	11	12	14	15	17	18	20
38.75°	9	10	11	12	13	15	16	18	19	22	24
37.5°	10	11	12	14	15	17	19	21	24	26	29
36.25°	11	12	14	16	18	19	22	25	28	31	35
35°	12	14	16	18	20	23	26	29	33	38	43



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	14	16	18	21	24	27	30	35	41	45	51
32.5°	16	18	21	24	28	31	37	42	48	54	61
31.25°	18	21	24	28	32	38	44	49	57	64	71
30°	20	24	28	32	38	44	51	59	67	74	84
28.75°	23	27	31	38	44	51	60	68	77	88	99
27.5°	26	30	37	44	51	60	68	78	90	101	113
26.25°	29	35	42	49	59	68	78	90	103	116	134
25°	33	41	48	57	67	77	90	103	117	136	154
23.75°	38	45	54	64	74	88	101	116	136	155	176
22.5°	43	51	61	71	84	99	113	134	154	176	204
21.25°	47	57	68	80	94	109	129	150	173	202	230
20°	52	63	74	89	104	123	145	167	197	227	258
18.75°	58	69	82	98	114	137	160	189	220	252	289
17.5°	63	74	90	106	127	151	177	210	242	280	322
16.25°	68	82	98	116	140	164	197	230	267	309	356
15°	73	89	105	127	152	180	215	250	292	339	390
13.75°	78	95	112	138	163	197	232	272	318	369	424
12.5°	84	101	122	148	175	212	248	293	343	399	458
11.25°	89	107	130	157	189	226	266	314	368	427	491
10°	94	112	138	165	201	239	283	333	391	454	523
8.75°	98	118	145	174	212	251	298	353	413	479	552
7.5°	102	124	151	183	222	263	313	370	432	503	579
6.25°	105	129	156	190	230	273	325	385	450	523	602
5°	107	133	161	197	237	282	336	398	465	541	622
3.75°	109	136	164	202	242	289	345	408	477	554	638
2.5°	111	138	166	206	246	294	351	415	486	564	650
1.25°	112	140	168	208	248	297	355	419	491	571	657
0°	112	140	168	208	249	299	356	421	492	573	659
-1.25°	112	140	168	208	248	297	355	419	491	571	657
-2.5°	111	138	166	206	246	294	351	415	486	564	650
-3.75°	109	136	164	202	242	289	345	408	477	554	638
-5°	107	133	161	197	237	282	336	398	465	541	622
-6.25°	105	129	156	190	230	273	325	385	450	523	602
-7.5°	102	124	151	183	222	263	313	370	432	503	579
-8.75°	98	118	145	174	212	251	298	353	413	479	552
-10°	94	112	138	165	201	239	283	333	391	454	523
-11.25°	89	107	130	157	189	226	266	314	368	427	491
-12.5°	84	101	122	148	175	212	248	293	343	399	458
-13.75°	78	95	112	138	163	197	232	272	318	369	424
-15°	73	89	105	127	152	180	215	250	292	339	390
-16.25°	68	82	98	116	140	164	197	230	267	309	356
-17.5°	63	74	90	106	127	151	177	210	242	280	322
-18.75°	58	69	82	98	114	137	160	189	220	252	289
-20°	52	63	74	89	104	123	145	167	197	227	258
-21.25°	47	57	68	80	94	109	129	150	173	202	230



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	43	51	61	71	84	99	113	134	154	176	204
-23.75°	38	45	54	64	74	88	101	116	136	155	176
-25°	33	41	48	57	67	77	90	103	117	136	154
-26.25°	29	35	42	49	59	68	78	90	103	116	134
-27.5°	26	30	37	44	51	60	68	78	90	101	113
-28.75°	23	27	31	38	44	51	60	68	77	88	99
-30°	20	24	28	32	38	44	51	59	67	74	84
-31.25°	18	21	24	28	32	38	44	49	57	64	71
-32.5°	16	18	21	24	28	31	37	42	48	54	61
-33.75°	14	16	18	21	24	27	30	35	41	45	51
-35°	12	14	16	18	20	23	26	29	33	38	43
-36.25°	11	12	14	16	18	19	22	25	28	31	35
-37.5°	10	11	12	14	15	17	19	21	24	26	29
-38.75°	9	10	11	12	13	15	16	18	19	22	24
-40°	8	8	9	10	11	12	14	15	17	18	20
-41.25°	7	8	8	9	10	11	12	13	14	16	17
-42.5°	6	7	7	8	9	9	10	11	12	13	14
-43.75°	5	6	7	7	8	8	9	10	10	11	12
-45°	4	5	6	6	7	7	8	8	9	9	10
-46.25°	4	4	5	5	6	6	7	7	8	8	9
-47.5°	4	4	4	4	5	5	6	6	7	7	8
-48.75°	3	4	4	4	4	4	5	5	6	6	7
-50°	3	3	3	4	4	4	4	4	5	5	5
-51.25°	3	3	3	3	3	4	4	4	4	4	4
-52.5°	2	3	3	3	3	3	3	3	4	4	4
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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	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	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	5	5	5
52.5°	4	4	4	5	5	5	5	6	6	6	6
51.25°	5	5	5	6	6	6	6	7	7	7	7
50°	6	6	6	7	7	7	8	8	8	8	8
48.75°	7	7	8	8	8	8	9	9	9	10	10
47.5°	8	8	9	9	10	10	11	11	11	12	12
46.25°	9	10	10	11	12	12	13	13	14	14	15
45°	11	12	12	13	14	15	15	16	17	17	18
43.75°	13	14	15	16	17	18	18	19	20	21	22
42.5°	15	17	18	19	20	21	23	24	25	26	27
41.25°	18	19	21	23	25	26	28	29	30	32	34
40°	22	24	26	28	29	32	34	37	39	41	43
38.75°	26	29	31	34	37	40	43	46	48	51	53
37.5°	31	35	39	43	46	49	53	57	60	63	66
36.25°	39	43	47	52	56	61	65	69	72	76	80
35°	47	52	58	63	68	73	78	84	89	94	98



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	57	63	69	74	82	89	95	101	107	112	118
32.5°	68	74	82	90	98	105	112	122	130	138	145
31.25°	80	89	98	106	116	127	138	148	157	165	174
30°	94	104	114	127	140	152	163	175	189	201	212
28.75°	109	123	137	151	164	180	197	212	226	239	251
27.5°	129	145	160	177	197	215	232	248	266	283	298
26.25°	150	167	189	210	230	250	272	293	314	333	353
25°	173	197	220	242	267	292	318	343	368	391	413
23.75°	202	227	252	280	309	339	369	399	427	454	479
22.5°	230	258	289	322	356	390	424	458	491	523	552
21.25°	260	294	329	368	406	445	484	524	561	597	630
20°	294	332	374	416	460	504	549	593	635	676	714
18.75°	329	374	419	467	517	566	616	666	714	759	802
17.5°	368	416	467	521	576	631	687	742	795	845	892
16.25°	406	460	517	576	636	697	759	820	878	933	983
15°	445	504	566	631	697	765	832	898	961	1020	1074
13.75°	484	549	616	687	759	832	905	975	1042	1105	1160
12.5°	524	593	666	742	820	898	975	1049	1120	1183	1240
11.25°	561	635	714	795	878	961	1042	1120	1191	1256	1312
10°	597	676	759	845	933	1020	1105	1183	1256	1319	1374
8.75°	630	714	802	892	983	1074	1160	1240	1312	1374	1427
7.5°	661	749	840	934	1029	1122	1209	1289	1359	1420	1472
6.25°	688	779	874	971	1068	1162	1251	1330	1399	1458	1510
5°	710	804	902	1002	1102	1196	1284	1362	1430	1489	1541
3.75°	729	825	925	1026	1127	1222	1310	1388	1455	1513	1564
2.5°	742	840	941	1044	1145	1241	1329	1405	1471	1530	1581
1.25°	750	849	951	1055	1156	1253	1339	1415	1481	1540	1592
0°	753	852	954	1058	1160	1257	1343	1419	1485	1544	1595
-1.25°	750	849	951	1055	1156	1253	1339	1415	1481	1540	1592
-2.5°	742	840	941	1044	1145	1241	1329	1405	1471	1530	1581
-3.75°	729	825	925	1026	1127	1222	1310	1388	1455	1513	1564
-5°	710	804	902	1002	1102	1196	1284	1362	1430	1489	1541
-6.25°	688	779	874	971	1068	1162	1251	1330	1399	1458	1510
-7.5°	661	749	840	934	1029	1122	1209	1289	1359	1420	1472
-8.75°	630	714	802	892	983	1074	1160	1240	1312	1374	1427
-10°	597	676	759	845	933	1020	1105	1183	1256	1319	1374
-11.25°	561	635	714	795	878	961	1042	1120	1191	1256	1312
-12.5°	524	593	666	742	820	898	975	1049	1120	1183	1240
-13.75°	484	549	616	687	759	832	905	975	1042	1105	1160
-15°	445	504	566	631	697	765	832	898	961	1020	1074
-16.25°	406	460	517	576	636	697	759	820	878	933	983
-17.5°	368	416	467	521	576	631	687	742	795	845	892
-18.75°	329	374	419	467	517	566	616	666	714	759	802
-20°	294	332	374	416	460	504	549	593	635	676	714
-21.25°	260	294	329	368	406	445	484	524	561	597	630



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	230	258	289	322	356	390	424	458	491	523	552
-23.75°	202	227	252	280	309	339	369	399	427	454	479
-25°	173	197	220	242	267	292	318	343	368	391	413
-26.25°	150	167	189	210	230	250	272	293	314	333	353
-27.5°	129	145	160	177	197	215	232	248	266	283	298
-28.75°	109	123	137	151	164	180	197	212	226	239	251
-30°	94	104	114	127	140	152	163	175	189	201	212
-31.25°	80	89	98	106	116	127	138	148	157	165	174
-32.5°	68	74	82	90	98	105	112	122	130	138	145
-33.75°	57	63	69	74	82	89	95	101	107	112	118
-35°	47	52	58	63	68	73	78	84	89	94	98
-36.25°	39	43	47	52	56	61	65	69	72	76	80
-37.5°	31	35	39	43	46	49	53	57	60	63	66
-38.75°	26	29	31	34	37	40	43	46	48	51	53
-40°	22	24	26	28	29	32	34	37	39	41	43
-41.25°	18	19	21	23	25	26	28	29	30	32	34
-42.5°	15	17	18	19	20	21	23	24	25	26	27
-43.75°	13	14	15	16	17	18	18	19	20	21	22
-45°	11	12	12	13	14	15	15	16	17	17	18
-46.25°	9	10	10	11	12	12	13	13	14	14	15
-47.5°	8	8	9	9	10	10	11	11	11	12	12
-48.75°	7	7	8	8	8	8	9	9	9	10	10
-50°	6	6	6	7	7	7	8	8	8	8	8
-51.25°	5	5	5	6	6	6	6	7	7	7	7
-52.5°	4	4	4	5	5	5	5	6	6	6	6
-53.75°	4	4	4	4	4	4	4	4	5	5	5
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	4	4
-57.5°	2	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	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°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	7	6	6	6	6
51.25°	7	7	8	8	8	8	8	8	8	8	8
50°	9	9	9	9	9	9	9	9	9	9	9
48.75°	10	10	11	11	11	11	11	11	11	11	11
47.5°	12	12	13	13	13	13	13	13	13	13	13
46.25°	15	15	16	16	16	16	16	16	16	16	16
45°	18	19	19	19	19	19	20	19	19	19	19
43.75°	23	23	24	24	25	25	25	25	25	24	24
42.5°	28	29	29	30	30	30	30	30	30	30	29
41.25°	35	37	38	38	39	39	39	39	39	38	38
40°	44	46	47	48	48	49	49	49	48	48	47
38.75°	55	57	59	60	61	62	62	62	61	60	59
37.5°	68	70	72	73	74	75	75	75	74	73	72
36.25°	84	87	89	91	92	93	93	93	92	91	89
35°	102	105	107	109	111	112	112	112	111	109	107



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	124	129	133	136	138	140	140	140	138	136	133
32.5°	151	156	161	164	166	168	168	168	166	164	161
31.25°	183	190	197	202	206	208	208	208	206	202	197
30°	222	230	237	242	246	248	249	248	246	242	237
28.75°	263	273	282	289	294	297	299	297	294	289	282
27.5°	313	325	336	345	351	355	356	355	351	345	336
26.25°	370	385	398	408	415	419	421	419	415	408	398
25°	432	450	465	477	486	491	492	491	486	477	465
23.75°	503	523	541	554	564	571	573	571	564	554	541
22.5°	579	602	622	638	650	657	659	657	650	638	622
21.25°	661	688	710	729	742	750	753	750	742	729	710
20°	749	779	804	825	840	849	852	849	840	825	804
18.75°	840	874	902	925	941	951	954	951	941	925	902
17.5°	934	971	1002	1026	1044	1055	1058	1055	1044	1026	1002
16.25°	1029	1068	1102	1127	1145	1156	1160	1156	1145	1127	1102
15°	1122	1162	1196	1222	1241	1253	1257	1253	1241	1222	1196
13.75°	1209	1251	1284	1310	1329	1339	1343	1339	1329	1310	1284
12.5°	1289	1330	1362	1388	1405	1415	1419	1415	1405	1388	1362
11.25°	1359	1399	1430	1455	1471	1481	1485	1481	1471	1455	1430
10°	1420	1458	1489	1513	1530	1540	1544	1540	1530	1513	1489
8.75°	1472	1510	1541	1564	1581	1592	1595	1592	1581	1564	1541
7.5°	1516	1554	1585	1609	1627	1637	1640	1637	1627	1609	1585
6.25°	1554	1592	1624	1647	1661	1668	1671	1668	1661	1647	1624
5°	1585	1624	1654	1671	1678	1681	1682	1681	1678	1671	1654
3.75°	1609	1647	1671	1680	1682	1682	1681	1682	1682	1680	1671
2.5°	1627	1661	1678	1682	1680	1676	1675	1676	1680	1682	1678
1.25°	1637	1668	1681	1682	1676	1674	1675	1674	1676	1682	1681
0°	1640	1671	1682	1681	1675	1675	1682	1675	1675	1681	1682
-1.25°	1637	1668	1681	1682	1676	1674	1675	1674	1676	1682	1681
-2.5°	1627	1661	1678	1682	1680	1676	1675	1676	1680	1682	1678
-3.75°	1609	1647	1671	1680	1682	1682	1681	1682	1682	1680	1671
-5°	1585	1624	1654	1671	1678	1681	1682	1681	1678	1671	1654
-6.25°	1554	1592	1624	1647	1661	1668	1671	1668	1661	1647	1624
-7.5°	1516	1554	1585	1609	1627	1637	1640	1637	1627	1609	1585
-8.75°	1472	1510	1541	1564	1581	1592	1595	1592	1581	1564	1541
-10°	1420	1458	1489	1513	1530	1540	1544	1540	1530	1513	1489
-11.25°	1359	1399	1430	1455	1471	1481	1485	1481	1471	1455	1430
-12.5°	1289	1330	1362	1388	1405	1415	1419	1415	1405	1388	1362
-13.75°	1209	1251	1284	1310	1329	1339	1343	1339	1329	1310	1284
-15°	1122	1162	1196	1222	1241	1253	1257	1253	1241	1222	1196
-16.25°	1029	1068	1102	1127	1145	1156	1160	1156	1145	1127	1102
-17.5°	934	971	1002	1026	1044	1055	1058	1055	1044	1026	1002
-18.75°	840	874	902	925	941	951	954	951	941	925	902
-20°	749	779	804	825	840	849	852	849	840	825	804
-21.25°	661	688	710	729	742	750	753	750	742	729	710



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	579	602	622	638	650	657	659	657	650	638	622
-23.75°	503	523	541	554	564	571	573	571	564	554	541
-25°	432	450	465	477	486	491	492	491	486	477	465
-26.25°	370	385	398	408	415	419	421	419	415	408	398
-27.5°	313	325	336	345	351	355	356	355	351	345	336
-28.75°	263	273	282	289	294	297	299	297	294	289	282
-30°	222	230	237	242	246	248	249	248	246	242	237
-31.25°	183	190	197	202	206	208	208	208	206	202	197
-32.5°	151	156	161	164	166	168	168	168	166	164	161
-33.75°	124	129	133	136	138	140	140	140	138	136	133
-35°	102	105	107	109	111	112	112	112	111	109	107
-36.25°	84	87	89	91	92	93	93	93	92	91	89
-37.5°	68	70	72	73	74	75	75	75	74	73	72
-38.75°	55	57	59	60	61	62	62	62	61	60	59
-40°	44	46	47	48	48	49	49	49	48	48	47
-41.25°	35	37	38	38	39	39	39	39	39	38	38
-42.5°	28	29	29	30	30	30	30	30	30	30	29
-43.75°	23	23	24	24	25	25	25	25	25	24	24
-45°	18	19	19	19	19	19	20	19	19	19	19
-46.25°	15	15	16	16	16	16	16	16	16	16	16
-47.5°	12	12	13	13	13	13	13	13	13	13	13
-48.75°	10	10	11	11	11	11	11	11	11	11	11
-50°	9	9	9	9	9	9	9	9	9	9	9
-51.25°	7	7	8	8	8	8	8	8	8	8	8
-52.5°	6	6	6	6	6	6	7	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	1	1	1	1	1	1	1	1	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	5	5	5	5	5	4	4	4	4	4	4
52.5°	6	6	6	6	6	6	5	5	5	5	4
51.25°	7	7	7	7	7	7	6	6	6	6	5
50°	9	9	8	8	8	8	8	7	7	7	6
48.75°	10	10	10	10	9	9	9	8	8	8	8
47.5°	12	12	12	12	11	11	11	10	10	9	9
46.25°	15	15	15	14	14	13	13	12	12	11	10
45°	19	18	18	17	17	16	15	15	14	13	12
43.75°	23	23	22	21	20	19	18	18	17	16	15
42.5°	29	28	27	26	25	24	23	21	20	19	18
41.25°	37	35	34	32	30	29	28	26	25	23	21
40°	46	44	43	41	39	37	34	32	29	28	26
38.75°	57	55	53	51	48	46	43	40	37	34	31
37.5°	70	68	66	63	60	57	53	49	46	43	39
36.25°	87	84	80	76	72	69	65	61	56	52	47
35°	105	102	98	94	89	84	78	73	68	63	58



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	129	124	118	112	107	101	95	89	82	74	69
32.5°	156	151	145	138	130	122	112	105	98	90	82
31.25°	190	183	174	165	157	148	138	127	116	106	98
30°	230	222	212	201	189	175	163	152	140	127	114
28.75°	273	263	251	239	226	212	197	180	164	151	137
27.5°	325	313	298	283	266	248	232	215	197	177	160
26.25°	385	370	353	333	314	293	272	250	230	210	189
25°	450	432	413	391	368	343	318	292	267	242	220
23.75°	523	503	479	454	427	399	369	339	309	280	252
22.5°	602	579	552	523	491	458	424	390	356	322	289
21.25°	688	661	630	597	561	524	484	445	406	368	329
20°	779	749	714	676	635	593	549	504	460	416	374
18.75°	874	840	802	759	714	666	616	566	517	467	419
17.5°	971	934	892	845	795	742	687	631	576	521	467
16.25°	1068	1029	983	933	878	820	759	697	636	576	517
15°	1162	1122	1074	1020	961	898	832	765	697	631	566
13.75°	1251	1209	1160	1105	1042	975	905	832	759	687	616
12.5°	1330	1289	1240	1183	1120	1049	975	898	820	742	666
11.25°	1399	1359	1312	1256	1191	1120	1042	961	878	795	714
10°	1458	1420	1374	1319	1256	1183	1105	1020	933	845	759
8.75°	1510	1472	1427	1374	1312	1240	1160	1074	983	892	802
7.5°	1554	1516	1472	1420	1359	1289	1209	1122	1029	934	840
6.25°	1592	1554	1510	1458	1399	1330	1251	1162	1068	971	874
5°	1624	1585	1541	1489	1430	1362	1284	1196	1102	1002	902
3.75°	1647	1609	1564	1513	1455	1388	1310	1222	1127	1026	925
2.5°	1661	1627	1581	1530	1471	1405	1329	1241	1145	1044	941
1.25°	1668	1637	1592	1540	1481	1415	1339	1253	1156	1055	951
0°	1671	1640	1595	1544	1485	1419	1343	1257	1160	1058	954
-1.25°	1668	1637	1592	1540	1481	1415	1339	1253	1156	1055	951
-2.5°	1661	1627	1581	1530	1471	1405	1329	1241	1145	1044	941
-3.75°	1647	1609	1564	1513	1455	1388	1310	1222	1127	1026	925
-5°	1624	1585	1541	1489	1430	1362	1284	1196	1102	1002	902
-6.25°	1592	1554	1510	1458	1399	1330	1251	1162	1068	971	874
-7.5°	1554	1516	1472	1420	1359	1289	1209	1122	1029	934	840
-8.75°	1510	1472	1427	1374	1312	1240	1160	1074	983	892	802
-10°	1458	1420	1374	1319	1256	1183	1105	1020	933	845	759
-11.25°	1399	1359	1312	1256	1191	1120	1042	961	878	795	714
-12.5°	1330	1289	1240	1183	1120	1049	975	898	820	742	666
-13.75°	1251	1209	1160	1105	1042	975	905	832	759	687	616
-15°	1162	1122	1074	1020	961	898	832	765	697	631	566
-16.25°	1068	1029	983	933	878	820	759	697	636	576	517
-17.5°	971	934	892	845	795	742	687	631	576	521	467
-18.75°	874	840	802	759	714	666	616	566	517	467	419
-20°	779	749	714	676	635	593	549	504	460	416	374
-21.25°	688	661	630	597	561	524	484	445	406	368	329



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	602	579	552	523	491	458	424	390	356	322	289
-23.75°	523	503	479	454	427	399	369	339	309	280	252
-25°	450	432	413	391	368	343	318	292	267	242	220
-26.25°	385	370	353	333	314	293	272	250	230	210	189
-27.5°	325	313	298	283	266	248	232	215	197	177	160
-28.75°	273	263	251	239	226	212	197	180	164	151	137
-30°	230	222	212	201	189	175	163	152	140	127	114
-31.25°	190	183	174	165	157	148	138	127	116	106	98
-32.5°	156	151	145	138	130	122	112	105	98	90	82
-33.75°	129	124	118	112	107	101	95	89	82	74	69
-35°	105	102	98	94	89	84	78	73	68	63	58
-36.25°	87	84	80	76	72	69	65	61	56	52	47
-37.5°	70	68	66	63	60	57	53	49	46	43	39
-38.75°	57	55	53	51	48	46	43	40	37	34	31
-40°	46	44	43	41	39	37	34	32	29	28	26
-41.25°	37	35	34	32	30	29	28	26	25	23	21
-42.5°	29	28	27	26	25	24	23	21	20	19	18
-43.75°	23	23	22	21	20	19	18	18	17	16	15
-45°	19	18	18	17	17	16	15	15	14	13	12
-46.25°	15	15	15	14	14	13	13	12	12	11	10
-47.5°	12	12	12	12	11	11	11	10	10	9	9
-48.75°	10	10	10	10	9	9	9	8	8	8	8
-50°	9	9	8	8	8	8	8	7	7	7	6
-51.25°	7	7	7	7	7	7	6	6	6	6	5
-52.5°	6	6	6	6	6	6	5	5	5	5	4
-53.75°	5	5	5	5	5	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
53.75°	4	4	3	3	3	3	3	3	3	3	2
52.5°	4	4	4	4	4	3	3	3	3	3	3
51.25°	5	5	4	4	4	4	4	4	3	3	3
50°	6	6	5	5	5	4	4	4	4	4	3
48.75°	7	7	7	6	6	5	5	4	4	4	4
47.5°	8	8	8	7	7	6	6	5	5	4	4
46.25°	10	9	9	8	8	7	7	6	6	5	5
45°	12	11	10	9	9	8	8	7	7	6	6
43.75°	14	13	12	11	10	10	9	8	8	7	7
42.5°	17	15	14	13	12	11	10	9	9	8	7
41.25°	19	18	17	16	14	13	12	11	10	9	8
40°	24	22	20	18	17	15	14	12	11	10	9
38.75°	29	26	24	22	19	18	16	15	13	12	11
37.5°	35	31	29	26	24	21	19	17	15	14	12
36.25°	43	39	35	31	28	25	22	19	18	16	14
35°	52	47	43	38	33	29	26	23	20	18	16



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	63	57	51	45	41	35	30	27	24	21	18
32.5°	74	68	61	54	48	42	37	31	28	24	21
31.25°	89	80	71	64	57	49	44	38	32	28	24
30°	104	94	84	74	67	59	51	44	38	32	28
28.75°	123	109	99	88	77	68	60	51	44	38	31
27.5°	145	129	113	101	90	78	68	60	51	44	37
26.25°	167	150	134	116	103	90	78	68	59	49	42
25°	197	173	154	136	117	103	90	77	67	57	48
23.75°	227	202	176	155	136	116	101	88	74	64	54
22.5°	258	230	204	176	154	134	113	99	84	71	61
21.25°	294	260	230	202	173	150	129	109	94	80	68
20°	332	294	258	227	197	167	145	123	104	89	74
18.75°	374	329	289	252	220	189	160	137	114	98	82
17.5°	416	368	322	280	242	210	177	151	127	106	90
16.25°	460	406	356	309	267	230	197	164	140	116	98
15°	504	445	390	339	292	250	215	180	152	127	105
13.75°	549	484	424	369	318	272	232	197	163	138	112
12.5°	593	524	458	399	343	293	248	212	175	148	122
11.25°	635	561	491	427	368	314	266	226	189	157	130
10°	676	597	523	454	391	333	283	239	201	165	138
8.75°	714	630	552	479	413	353	298	251	212	174	145
7.5°	749	661	579	503	432	370	313	263	222	183	151
6.25°	779	688	602	523	450	385	325	273	230	190	156
5°	804	710	622	541	465	398	336	282	237	197	161
3.75°	825	729	638	554	477	408	345	289	242	202	164
2.5°	840	742	650	564	486	415	351	294	246	206	166
1.25°	849	750	657	571	491	419	355	297	248	208	168
0°	852	753	659	573	492	421	356	299	249	208	168
-1.25°	849	750	657	571	491	419	355	297	248	208	168
-2.5°	840	742	650	564	486	415	351	294	246	206	166
-3.75°	825	729	638	554	477	408	345	289	242	202	164
-5°	804	710	622	541	465	398	336	282	237	197	161
-6.25°	779	688	602	523	450	385	325	273	230	190	156
-7.5°	749	661	579	503	432	370	313	263	222	183	151
-8.75°	714	630	552	479	413	353	298	251	212	174	145
-10°	676	597	523	454	391	333	283	239	201	165	138
-11.25°	635	561	491	427	368	314	266	226	189	157	130
-12.5°	593	524	458	399	343	293	248	212	175	148	122
-13.75°	549	484	424	369	318	272	232	197	163	138	112
-15°	504	445	390	339	292	250	215	180	152	127	105
-16.25°	460	406	356	309	267	230	197	164	140	116	98
-17.5°	416	368	322	280	242	210	177	151	127	106	90
-18.75°	374	329	289	252	220	189	160	137	114	98	82
-20°	332	294	258	227	197	167	145	123	104	89	74
-21.25°	294	260	230	202	173	150	129	109	94	80	68



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	258	230	204	176	154	134	113	99	84	71	61
-23.75°	227	202	176	155	136	116	101	88	74	64	54
-25°	197	173	154	136	117	103	90	77	67	57	48
-26.25°	167	150	134	116	103	90	78	68	59	49	42
-27.5°	145	129	113	101	90	78	68	60	51	44	37
-28.75°	123	109	99	88	77	68	60	51	44	38	31
-30°	104	94	84	74	67	59	51	44	38	32	28
-31.25°	89	80	71	64	57	49	44	38	32	28	24
-32.5°	74	68	61	54	48	42	37	31	28	24	21
-33.75°	63	57	51	45	41	35	30	27	24	21	18
-35°	52	47	43	38	33	29	26	23	20	18	16
-36.25°	43	39	35	31	28	25	22	19	18	16	14
-37.5°	35	31	29	26	24	21	19	17	15	14	12
-38.75°	29	26	24	22	19	18	16	15	13	12	11
-40°	24	22	20	18	17	15	14	12	11	10	9
-41.25°	19	18	17	16	14	13	12	11	10	9	8
-42.5°	17	15	14	13	12	11	10	9	9	8	7
-43.75°	14	13	12	11	10	10	9	8	8	7	7
-45°	12	11	10	9	9	8	8	7	7	6	6
-46.25°	10	9	9	8	8	7	7	6	6	5	5
-47.5°	8	8	8	7	7	6	6	5	5	4	4
-48.75°	7	7	7	6	6	5	5	4	4	4	4
-50°	6	6	5	5	5	4	4	4	4	4	3
-51.25°	5	5	4	4	4	4	4	4	3	3	3
-52.5°	4	4	4	4	4	3	3	3	3	3	3
-53.75°	4	4	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	2	2	2	1	1	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	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	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°	2	2	2	2	2	2	2	2	2	2	2
52.5°	3	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	4	3	3	3	3	3	2	2	2	2	2
47.5°	4	4	3	3	3	3	3	2	2	2	2
46.25°	4	4	4	4	3	3	3	3	2	2	2
45°	5	4	4	4	4	3	3	3	3	2	2
43.75°	6	5	5	4	4	4	3	3	3	3	2
42.5°	7	6	6	5	4	4	4	3	3	3	3
41.25°	8	7	6	6	5	4	4	4	3	3	3
40°	8	8	7	6	6	5	4	4	4	3	3
38.75°	10	9	8	7	6	6	5	4	4	4	3
37.5°	11	10	9	8	7	6	6	5	4	4	4
36.25°	12	11	10	9	8	7	6	6	5	4	4
35°	14	12	11	10	9	8	7	6	5	4	4



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	16	14	12	11	10	8	8	7	6	5	4
32.5°	18	16	14	12	11	9	8	7	7	6	5
31.25°	21	18	16	14	12	10	9	8	7	6	5
30°	24	20	18	15	13	11	10	9	8	7	6
28.75°	27	23	19	17	15	12	11	9	8	7	6
27.5°	30	26	22	19	16	14	12	10	9	8	7
26.25°	35	29	25	21	18	15	13	11	10	8	7
25°	41	33	28	24	19	17	14	12	10	9	8
23.75°	45	38	31	26	22	18	16	13	11	9	8
22.5°	51	43	35	29	24	20	17	14	12	10	9
21.25°	57	47	39	31	26	22	18	15	13	11	9
20°	63	52	43	35	29	24	19	17	14	12	10
18.75°	69	58	47	39	31	26	21	18	15	12	10
17.5°	74	63	52	43	34	28	23	19	16	13	11
16.25°	82	68	56	46	37	29	25	20	17	14	12
15°	89	73	61	49	40	32	26	21	18	15	12
13.75°	95	78	65	53	43	34	28	23	18	15	13
12.5°	101	84	69	57	46	37	29	24	19	16	13
11.25°	107	89	72	60	48	39	30	25	20	17	14
10°	112	94	76	63	51	41	32	26	21	17	14
8.75°	118	98	80	66	53	43	34	27	22	18	15
7.5°	124	102	84	68	55	44	35	28	23	18	15
6.25°	129	105	87	70	57	46	37	29	23	19	15
5°	133	107	89	72	59	47	38	29	24	19	16
3.75°	136	109	91	73	60	48	38	30	24	19	16
2.5°	138	111	92	74	61	48	39	30	25	19	16
1.25°	140	112	93	75	62	49	39	30	25	19	16
0°	140	112	93	75	62	49	39	30	25	20	16
-1.25°	140	112	93	75	62	49	39	30	25	19	16
-2.5°	138	111	92	74	61	48	39	30	25	19	16
-3.75°	136	109	91	73	60	48	38	30	24	19	16
-5°	133	107	89	72	59	47	38	29	24	19	16
-6.25°	129	105	87	70	57	46	37	29	23	19	15
-7.5°	124	102	84	68	55	44	35	28	23	18	15
-8.75°	118	98	80	66	53	43	34	27	22	18	15
-10°	112	94	76	63	51	41	32	26	21	17	14
-11.25°	107	89	72	60	48	39	30	25	20	17	14
-12.5°	101	84	69	57	46	37	29	24	19	16	13
-13.75°	95	78	65	53	43	34	28	23	18	15	13
-15°	89	73	61	49	40	32	26	21	18	15	12
-16.25°	82	68	56	46	37	29	25	20	17	14	12
-17.5°	74	63	52	43	34	28	23	19	16	13	11
-18.75°	69	58	47	39	31	26	21	18	15	12	10
-20°	63	52	43	35	29	24	19	17	14	12	10
-21.25°	57	47	39	31	26	22	18	15	13	11	9



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	51	43	35	29	24	20	17	14	12	10	9
-23.75°	45	38	31	26	22	18	16	13	11	9	8
-25°	41	33	28	24	19	17	14	12	10	9	8
-26.25°	35	29	25	21	18	15	13	11	10	8	7
-27.5°	30	26	22	19	16	14	12	10	9	8	7
-28.75°	27	23	19	17	15	12	11	9	8	7	6
-30°	24	20	18	15	13	11	10	9	8	7	6
-31.25°	21	18	16	14	12	10	9	8	7	6	5
-32.5°	18	16	14	12	11	9	8	7	7	6	5
-33.75°	16	14	12	11	10	8	8	7	6	5	4
-35°	14	12	11	10	9	8	7	6	5	4	4
-36.25°	12	11	10	9	8	7	6	6	5	4	4
-37.5°	11	10	9	8	7	6	6	5	4	4	4
-38.75°	10	9	8	7	6	6	5	4	4	4	3
-40°	8	8	7	6	6	5	4	4	4	3	3
-41.25°	8	7	6	6	5	4	4	4	3	3	3
-42.5°	7	6	6	5	4	4	4	3	3	3	3
-43.75°	6	5	5	4	4	4	3	3	3	3	2
-45°	5	4	4	4	4	3	3	3	3	2	2
-46.25°	4	4	4	4	3	3	3	3	2	2	2
-47.5°	4	4	3	3	3	3	3	2	2	2	2
-48.75°	4	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	2	1	1	1	1	1	1	0	0	0	0
58.75°	2	2	1	1	1	1	1	1	0	0	0
57.5°	2	2	2	1	1	1	1	1	1	0	0
56.25°	2	2	2	2	2	1	1	1	1	1	0
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	1	1	1
50°	2	2	2	2	2	2	2	2	2	1	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	3	2	2	2	2	2	2	2	2	2	2
40°	3	3	2	2	2	2	2	2	2	2	2
38.75°	3	3	2	2	2	2	2	2	2	2	2
37.5°	3	3	3	2	2	2	2	2	2	2	2
36.25°	3	3	3	3	2	2	2	2	2	2	2
35°	4	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	4	4	3	3	3	2	2	2	2	2	2
32.5°	4	4	3	3	3	2	2	2	2	2	2
31.25°	4	4	4	3	3	3	2	2	2	2	2
30°	5	4	4	3	3	3	2	2	2	2	2
28.75°	5	4	4	4	3	3	2	2	2	2	2
27.5°	6	5	4	4	3	3	3	2	2	2	2
26.25°	6	5	4	4	3	3	3	2	2	2	2
25°	7	6	5	4	4	3	3	2	2	2	2
23.75°	7	6	5	4	4	3	3	3	2	2	2
22.5°	8	7	5	4	4	3	3	3	2	2	2
21.25°	8	7	6	5	4	4	3	3	2	2	2
20°	8	7	6	5	4	4	3	3	3	2	2
18.75°	9	8	6	5	4	4	3	3	3	2	2
17.5°	9	8	7	6	5	4	4	3	3	2	2
16.25°	10	8	7	6	5	4	4	3	3	2	2
15°	10	8	7	6	5	4	4	3	3	2	2
13.75°	11	9	8	6	5	4	4	3	3	2	2
12.5°	11	9	8	7	6	4	4	3	3	3	2
11.25°	11	9	8	7	6	5	4	3	3	3	2
10°	12	10	8	7	6	5	4	4	3	3	2
8.75°	12	10	8	7	6	5	4	4	3	3	2
7.5°	12	10	9	7	6	5	4	4	3	3	2
6.25°	12	10	9	7	6	5	4	4	3	3	2
5°	13	11	9	8	6	5	4	4	3	3	2
3.75°	13	11	9	8	6	5	4	4	3	3	2
2.5°	13	11	9	8	6	5	4	4	3	3	2
1.25°	13	11	9	8	6	5	4	4	3	3	2
0°	13	11	9	8	7	5	4	4	3	3	2
-1.25°	13	11	9	8	6	5	4	4	3	3	2
-2.5°	13	11	9	8	6	5	4	4	3	3	2
-3.75°	13	11	9	8	6	5	4	4	3	3	2
-5°	13	11	9	8	6	5	4	4	3	3	2
-6.25°	12	10	9	7	6	5	4	4	3	3	2
-7.5°	12	10	9	7	6	5	4	4	3	3	2
-8.75°	12	10	8	7	6	5	4	4	3	3	2
-10°	12	10	8	7	6	5	4	4	3	3	2
-11.25°	11	9	8	7	6	5	4	3	3	3	2
-12.5°	11	9	8	7	6	4	4	3	3	3	2
-13.75°	11	9	8	6	5	4	4	3	3	2	2
-15°	10	8	7	6	5	4	4	3	3	2	2
-16.25°	10	8	7	6	5	4	4	3	3	2	2
-17.5°	9	8	7	6	5	4	4	3	3	2	2
-18.75°	9	8	6	5	4	4	3	3	3	2	2
-20°	8	7	6	5	4	4	3	3	3	2	2
-21.25°	8	7	6	5	4	4	3	3	2	2	2



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	8	7	5	4	4	3	3	3	2	2	2
-23.75°	7	6	5	4	4	3	3	3	2	2	2
-25°	7	6	5	4	4	3	3	2	2	2	2
-26.25°	6	5	4	4	3	3	3	2	2	2	2
-27.5°	6	5	4	4	3	3	3	2	2	2	2
-28.75°	5	4	4	4	3	3	2	2	2	2	2
-30°	5	4	4	3	3	3	2	2	2	2	2
-31.25°	4	4	4	3	3	3	2	2	2	2	2
-32.5°	4	4	3	3	3	2	2	2	2	2	2
-33.75°	4	4	3	3	3	2	2	2	2	2	2
-35°	4	3	3	3	2	2	2	2	2	2	2
-36.25°	3	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	2	2	2	2	2	2	2	2
-38.75°	3	3	2	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	1	1
-51.25°	2	2	2	2	2	2	2	2	1	1	1
-52.5°	2	2	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	0
-57.5°	2	2	2	1	1	1	1	1	1	0	0
-58.75°	2	2	1	1	1	1	1	1	0	0	0
-60°	2	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	0	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	2	1	1	1	0	0	0	0	0	0	0
43.75°	2	1	1	1	1	0	0	0	0	0	0
42.5°	2	2	1	1	1	0	0	0	0	0	0
41.25°	2	2	1	1	1	1	0	0	0	0	0
40°	2	2	2	1	1	1	0	0	0	0	0
38.75°	2	2	2	1	1	1	0	0	0	0	0
37.5°	2	2	2	1	1	1	1	0	0	0	0
36.25°	2	2	2	2	1	1	1	0	0	0	0
35°	2	2	2	2	1	1	1	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	2	2	2	2	1	1	1	0	0	0	0
32.5°	2	2	2	2	2	1	1	1	0	0	0
31.25°	2	2	2	2	2	1	1	1	0	0	0
30°	2	2	2	2	2	1	1	1	0	0	0
28.75°	2	2	2	2	2	1	1	1	0	0	0
27.5°	2	2	2	2	2	2	1	1	1	0	0
26.25°	2	2	2	2	2	2	1	1	1	0	0
25°	2	2	2	2	2	2	1	1	1	0	0
23.75°	2	2	2	2	2	2	1	1	1	0	0
22.5°	2	2	2	2	2	2	1	1	1	0	0
21.25°	2	2	2	2	2	2	2	1	1	0	0
20°	2	2	2	2	2	2	2	1	1	0	0
18.75°	2	2	2	2	2	2	2	1	1	0	0
17.5°	2	2	2	2	2	2	2	1	1	1	0
16.25°	2	2	2	2	2	2	2	1	1	1	0
15°	2	2	2	2	2	2	2	1	1	1	0
13.75°	2	2	2	2	2	2	2	1	1	1	0
12.5°	2	2	2	2	2	2	2	1	1	1	0
11.25°	2	2	2	2	2	2	2	1	1	1	0
10°	2	2	2	2	2	2	2	1	1	1	0
8.75°	2	2	2	2	2	2	2	2	1	1	0
7.5°	2	2	2	2	2	2	2	2	1	1	0
6.25°	2	2	2	2	2	2	2	2	1	1	0
5°	2	2	2	2	2	2	2	2	1	1	0
3.75°	2	2	2	2	2	2	2	2	1	1	0
2.5°	2	2	2	2	2	2	2	2	1	1	0
1.25°	2	2	2	2	2	2	2	2	1	1	0
0°	2	2	2	2	2	2	2	2	1	1	0
-1.25°	2	2	2	2	2	2	2	2	1	1	0
-2.5°	2	2	2	2	2	2	2	2	1	1	0
-3.75°	2	2	2	2	2	2	2	2	1	1	0
-5°	2	2	2	2	2	2	2	2	1	1	0
-6.25°	2	2	2	2	2	2	2	2	1	1	0
-7.5°	2	2	2	2	2	2	2	2	1	1	0
-8.75°	2	2	2	2	2	2	2	2	1	1	0
-10°	2	2	2	2	2	2	2	1	1	1	0
-11.25°	2	2	2	2	2	2	2	1	1	1	0
-12.5°	2	2	2	2	2	2	2	1	1	1	0
-13.75°	2	2	2	2	2	2	2	1	1	1	0
-15°	2	2	2	2	2	2	2	1	1	1	0
-16.25°	2	2	2	2	2	2	2	1	1	1	0
-17.5°	2	2	2	2	2	2	2	1	1	1	0
-18.75°	2	2	2	2	2	2	2	1	1	0	0
-20°	2	2	2	2	2	2	2	1	1	0	0
-21.25°	2	2	2	2	2	2	2	1	1	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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°	2	2	2	2	2	2	1	1	1	0	0
-23.75°	2	2	2	2	2	2	1	1	1	0	0
-25°	2	2	2	2	2	2	1	1	1	0	0
-26.25°	2	2	2	2	2	2	1	1	1	0	0
-27.5°	2	2	2	2	2	2	1	1	1	0	0
-28.75°	2	2	2	2	2	1	1	1	0	0	0
-30°	2	2	2	2	2	1	1	1	0	0	0
-31.25°	2	2	2	2	2	1	1	1	0	0	0
-32.5°	2	2	2	2	2	1	1	1	0	0	0
-33.75°	2	2	2	2	1	1	1	0	0	0	0
-35°	2	2	2	2	1	1	1	0	0	0	0
-36.25°	2	2	2	2	1	1	1	0	0	0	0
-37.5°	2	2	2	1	1	1	1	0	0	0	0
-38.75°	2	2	2	1	1	1	0	0	0	0	0
-40°	2	2	2	1	1	1	0	0	0	0	0
-41.25°	2	2	1	1	1	1	0	0	0	0	0
-42.5°	2	2	1	1	1	0	0	0	0	0	0
-43.75°	2	1	1	1	1	0	0	0	0	0	0
-45°	2	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-F-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: P220423 (CONVERTED FROM TYPE C PHOTOMETRY)

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