

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: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

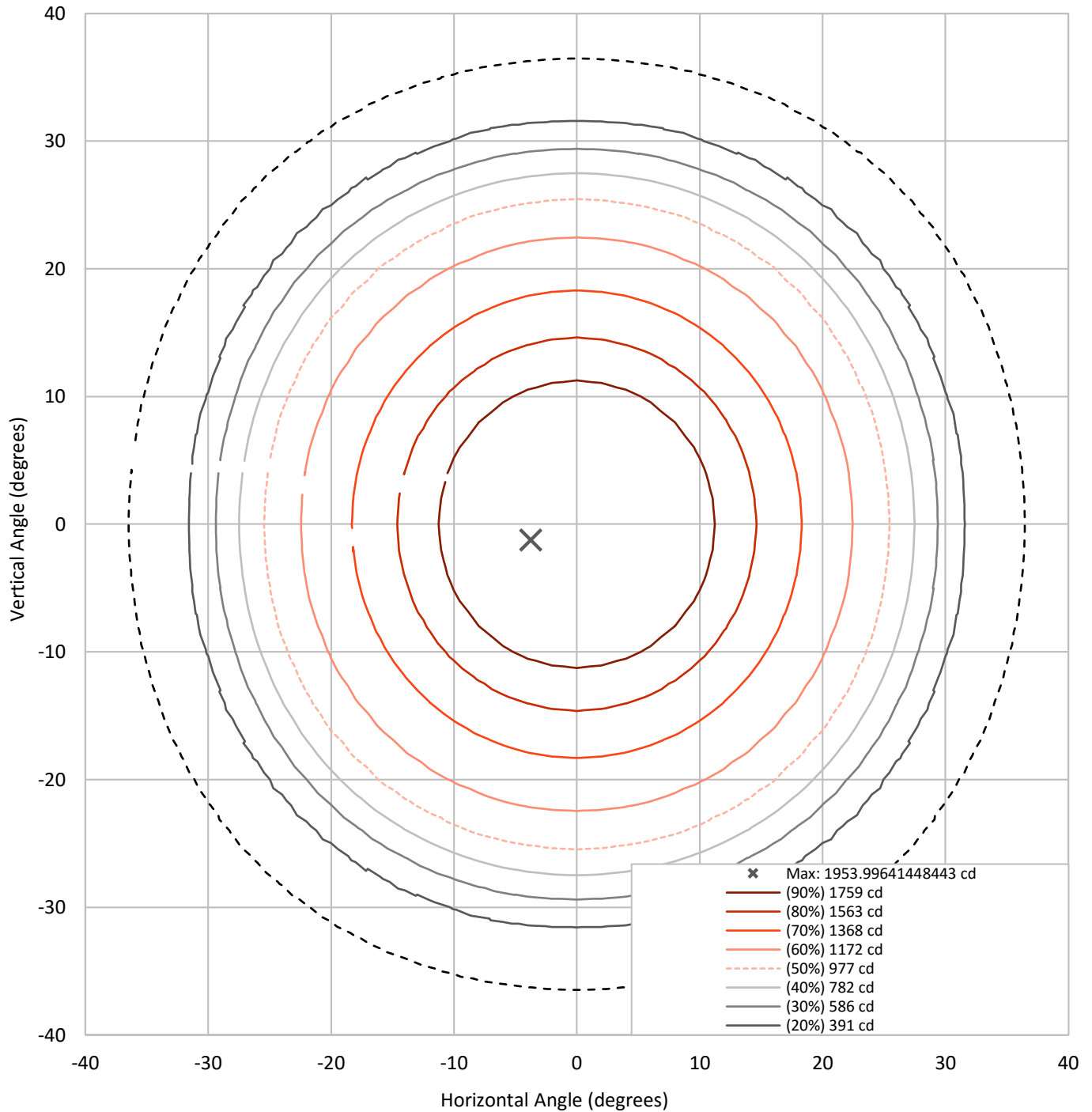
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1303.9 lumens	Max Intensity:	1954 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	64.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	878.2 lumens	Field Lumens:	1171.4 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

Iso-Candela Plot





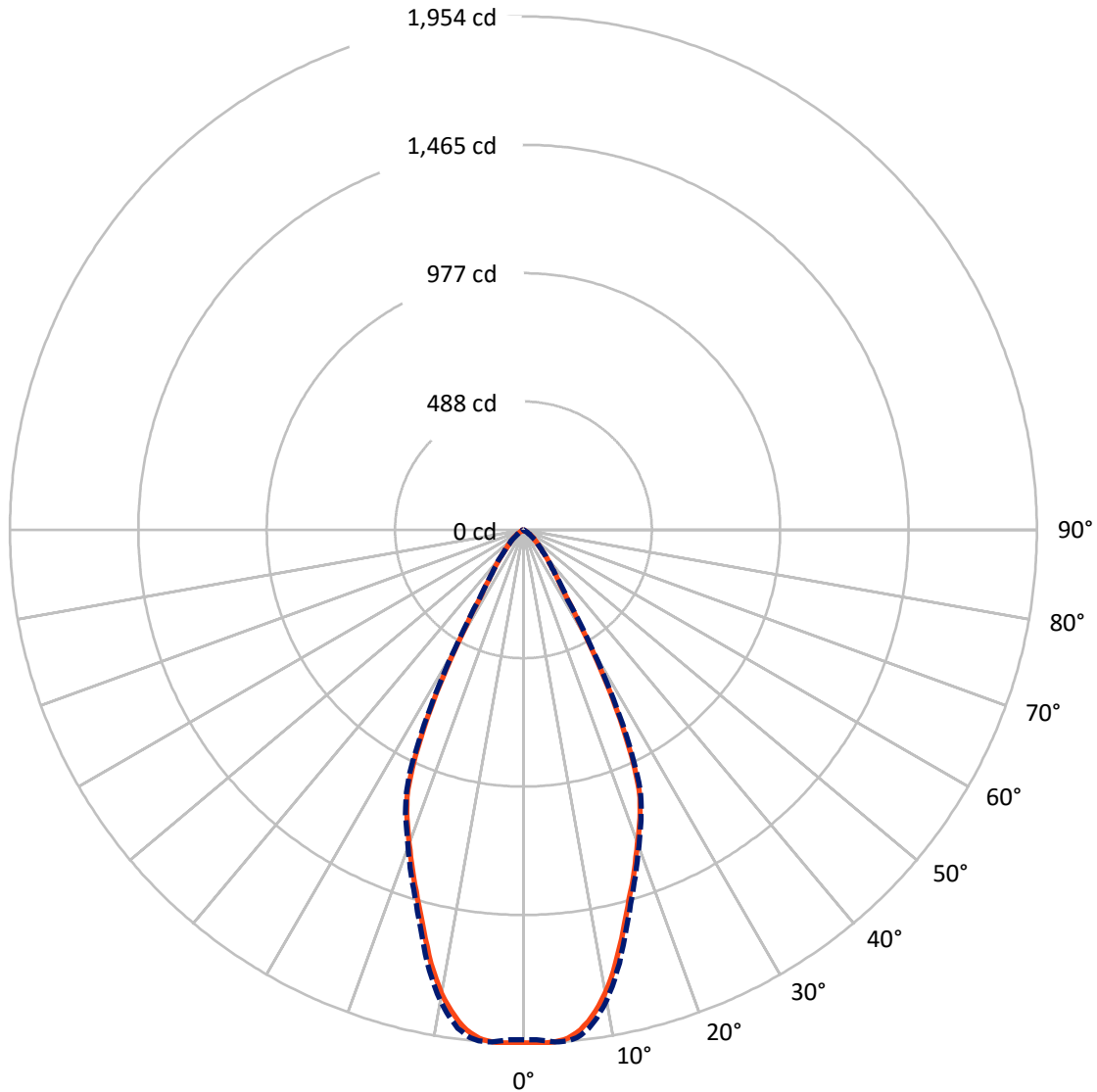
REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0							
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0							
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0					
60		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			
50	0.0	0.0	0.1	0.1	0.6	1.4	2.1	2.5	2.5	2.1	1.4	0.6	0.1	0.1	0.0				
40		0.0	0.1	0.6	1.6	3.1	5.3	7.4	7.4	5.3	3.1	1.6	0.6	0.1	0.0				
30	0.0	0.0	0.2	1.1	2.8	7.3	18.8	28.1	28.1	18.8	7.3	2.8	1.1	0.2	0.0				
20		0.0	0.3	1.5	4.5	17.7	35.9	45.2	45.2	35.9	17.7	4.5	1.5	0.3	0.0				
10	0.0	0.0	0.4	1.8	6.2	25.7	43.8	56.9	56.9	43.8	25.7	6.2	1.8	0.4	0.0				
0		0.0	0.4	1.8	6.2	25.7	43.8	56.9	56.9	43.8	25.7	6.2	1.8	0.4	0.0				
-10	0.0	0.0	0.3	1.5	4.5	17.7	35.9	45.2	45.2	35.9	17.7	4.5	1.5	0.3	0.0				
-20		0.0	0.2	1.1	2.8	7.3	18.8	28.1	28.1	18.8	7.3	2.8	1.1	0.2	0.0				
-30	0.0	0.0	0.1	0.6	1.6	3.1	5.3	7.4	7.4	5.3	3.1	1.6	0.6	0.1	0.0				
-40		0.0	0.1	0.1	0.6	1.4	2.1	2.5	2.5	2.1	1.4	0.6	0.1	0.1	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				
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-70																			
-80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0							
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
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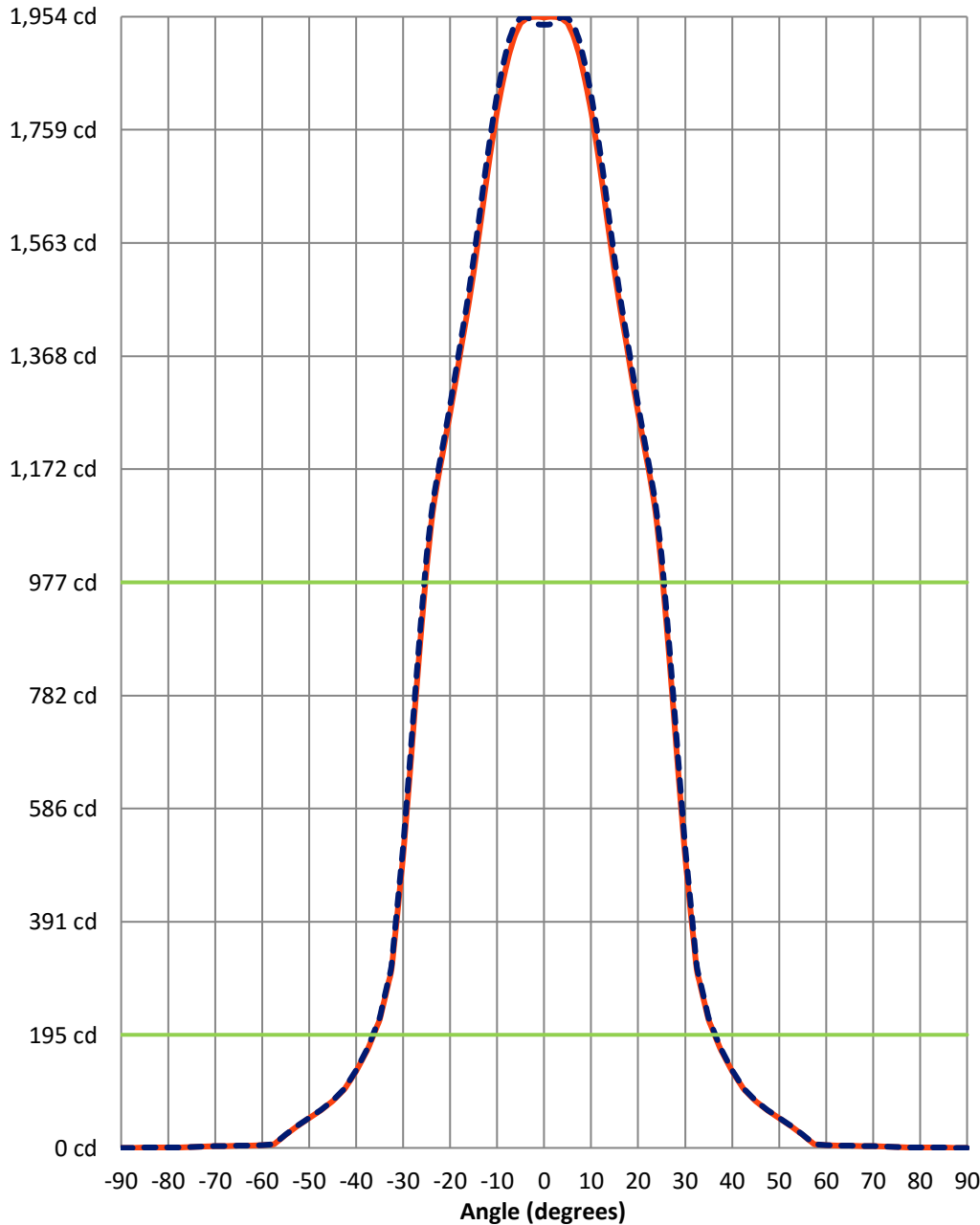
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 878.2
 Efficiency: 67.4%

Field:
 H Angle: 72.8°
 V Angle: 72.6°
 Lumens: 1171.4
 Efficiency: 89.8%

Spill:
 Lumens: 132.5
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	1
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	0	1	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	0	1	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
38.75°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	2
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	2	2	2	2	3
43.75°	1	1	1	1	1	1	2	2	2	2	3
42.5°	1	1	1	1	1	1	2	2	2	3	3
41.25°	1	1	1	1	1	2	2	2	2	3	3
40°	1	1	1	1	1	2	2	2	3	3	3
38.75°	1	1	1	1	1	2	2	2	3	3	3
37.5°	1	1	1	1	2	2	2	2	3	3	3
36.25°	1	1	1	1	2	2	2	3	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	3



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	1	1	1	1	2	2	2	3	3	3	3
32.5°	1	1	1	2	2	2	2	3	3	3	3
31.25°	1	1	1	2	2	2	3	3	3	3	3
30°	1	1	1	2	2	2	3	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	1	2	2	2	3	3	3	3	3
26.25°	1	1	1	2	2	3	3	3	3	3	3
25°	1	1	2	2	2	3	3	3	3	3	4
23.75°	1	1	2	2	2	3	3	3	3	3	4
22.5°	1	1	2	2	2	3	3	3	3	3	4
21.25°	1	1	2	2	2	3	3	3	3	3	4
20°	1	1	2	2	2	3	3	3	3	3	4
18.75°	1	1	2	2	2	3	3	3	3	4	4
17.5°	1	1	2	2	3	3	3	3	3	4	4
16.25°	1	1	2	2	3	3	3	3	3	4	4
15°	1	1	2	2	3	3	3	3	3	4	4
13.75°	1	1	2	2	3	3	3	3	3	4	4
12.5°	1	1	2	2	3	3	3	3	3	4	4
11.25°	1	2	2	2	3	3	3	3	3	4	4
10°	1	2	2	2	3	3	3	3	3	4	4
8.75°	1	2	2	2	3	3	3	3	4	4	4
7.5°	1	2	2	2	3	3	3	3	4	4	4
6.25°	1	2	2	2	3	3	3	3	4	4	4
5°	1	2	2	2	3	3	3	3	4	4	4
3.75°	1	2	2	2	3	3	3	3	4	4	4
2.5°	1	2	2	2	3	3	3	3	4	4	4
1.25°	1	2	2	2	3	3	3	3	4	4	4
0°	1	2	2	2	3	3	3	3	4	4	4
-1.25°	1	2	2	2	3	3	3	3	4	4	4
-2.5°	1	2	2	2	3	3	3	3	4	4	4
-3.75°	1	2	2	2	3	3	3	3	4	4	4
-5°	1	2	2	2	3	3	3	3	4	4	4
-6.25°	1	2	2	2	3	3	3	3	4	4	4
-7.5°	1	2	2	2	3	3	3	3	4	4	4
-8.75°	1	2	2	2	3	3	3	3	4	4	4
-10°	1	2	2	2	3	3	3	3	4	4	4
-11.25°	1	2	2	2	3	3	3	3	4	4	4
-12.5°	1	1	2	2	3	3	3	3	4	4	4
-13.75°	1	1	2	2	3	3	3	3	4	4	4
-15°	1	1	2	2	3	3	3	3	4	4	4
-16.25°	1	1	2	2	3	3	3	3	4	4	4
-17.5°	1	1	2	2	3	3	3	3	4	4	4
-18.75°	1	1	2	2	2	3	3	3	4	4	4
-20°	1	1	2	2	2	3	3	3	4	4	4
-21.25°	1	1	2	2	2	3	3	3	4	4	4



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	2	2	2	3	3	3	3	3	4
-23.75°	1	1	2	2	2	3	3	3	3	3	4
-25°	1	1	2	2	2	3	3	3	3	3	4
-26.25°	1	1	1	2	2	3	3	3	3	3	3
-27.5°	1	1	1	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	2	2	2	3	3	3	3	3
-32.5°	1	1	1	2	2	2	2	3	3	3	3
-33.75°	1	1	1	1	2	2	2	3	3	3	3
-35°	1	1	1	1	2	2	2	3	3	3	3
-36.25°	1	1	1	1	2	2	2	3	3	3	3
-37.5°	1	1	1	1	2	2	2	2	3	3	3
-38.75°	1	1	1	1	1	2	2	2	3	3	3
-40°	1	1	1	1	1	2	2	2	3	3	3
-41.25°	1	1	1	1	1	2	2	2	2	3	3
-42.5°	1	1	1	1	1	1	2	2	2	3	3
-43.75°	1	1	1	1	1	1	2	2	2	2	3
-45°	1	1	1	1	1	1	2	2	2	2	3
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	2	2	2	2
-48.75°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	2	2	2
-51.25°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	2
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	3
60°	1	1	1	2	2	2	2	2	2	3	3
58.75°	1	1	2	2	2	2	2	3	3	3	3
57.5°	1	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	2	2	3	3	3	3	3	3	3	3	4
50°	2	3	3	3	3	3	3	3	3	4	4
48.75°	2	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	5
38.75°	3	3	3	4	4	4	4	4	4	5	5
37.5°	3	3	3	4	4	4	4	4	4	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	6
35°	3	3	4	4	4	4	4	4	5	5	6



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	4	4	4	4	4	4	5	5	6	6
32.5°	3	4	4	4	4	4	4	5	5	6	9
31.25°	3	4	4	4	4	4	5	5	6	6	12
30°	4	4	4	4	4	4	5	5	6	9	15
28.75°	4	4	4	4	4	5	5	6	6	12	19
27.5°	4	4	4	4	4	5	5	6	8	15	22
26.25°	4	4	4	4	4	5	5	6	10	17	24
25°	4	4	4	4	5	5	6	6	13	20	27
23.75°	4	4	4	4	5	5	6	8	16	23	30
22.5°	4	4	4	4	5	5	6	11	18	25	32
21.25°	4	4	4	4	5	6	6	13	20	27	34
20°	4	4	4	5	5	6	7	15	22	29	36
18.75°	4	4	4	5	5	6	9	17	24	31	38
17.5°	4	4	4	5	5	6	11	19	26	33	40
16.25°	4	4	4	5	5	6	13	20	28	35	42
15°	4	4	4	5	6	6	14	22	29	37	43
13.75°	4	4	4	5	6	7	16	24	31	38	45
12.5°	4	4	5	5	6	9	17	25	32	39	46
11.25°	4	4	5	5	6	10	18	26	33	40	47
10°	4	4	5	5	6	11	19	27	34	41	48
8.75°	4	4	5	5	6	12	20	28	35	42	49
7.5°	4	4	5	5	6	13	21	29	36	43	50
6.25°	4	4	5	5	6	13	22	29	37	44	50
5°	4	4	5	6	6	14	22	30	37	44	51
3.75°	4	4	5	6	6	14	23	30	38	45	51
2.5°	4	4	5	6	6	15	23	31	38	45	52
1.25°	4	4	5	6	6	15	23	31	38	45	52
0°	4	4	5	6	6	15	23	31	38	45	52
-1.25°	4	4	5	6	6	15	23	31	38	45	52
-2.5°	4	4	5	6	6	15	23	31	38	45	52
-3.75°	4	4	5	6	6	14	23	30	38	45	51
-5°	4	4	5	6	6	14	22	30	37	44	51
-6.25°	4	4	5	5	6	13	22	29	37	44	50
-7.5°	4	4	5	5	6	13	21	29	36	43	50
-8.75°	4	4	5	5	6	12	20	28	35	42	49
-10°	4	4	5	5	6	11	19	27	34	41	48
-11.25°	4	4	5	5	6	10	18	26	33	40	47
-12.5°	4	4	5	5	6	9	17	25	32	39	46
-13.75°	4	4	4	5	6	7	16	24	31	38	45
-15°	4	4	4	5	6	6	14	22	29	37	43
-16.25°	4	4	4	5	5	6	13	20	28	35	42
-17.5°	4	4	4	5	5	6	11	19	26	33	40
-18.75°	4	4	4	5	5	6	9	17	24	31	38
-20°	4	4	4	5	5	6	7	15	22	29	36
-21.25°	4	4	4	4	5	6	6	13	20	27	34



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	5	5	6	11	18	25	32
-23.75°	4	4	4	4	5	5	6	8	16	23	30
-25°	4	4	4	4	5	5	6	6	13	20	27
-26.25°	4	4	4	4	4	5	5	6	10	17	24
-27.5°	4	4	4	4	4	5	5	6	8	15	22
-28.75°	4	4	4	4	4	5	5	6	6	12	19
-30°	4	4	4	4	4	4	5	5	6	9	15
-31.25°	3	4	4	4	4	4	5	5	6	6	12
-32.5°	3	4	4	4	4	4	4	5	5	6	9
-33.75°	3	4	4	4	4	4	4	5	5	6	6
-35°	3	3	4	4	4	4	4	4	5	5	6
-36.25°	3	3	4	4	4	4	4	4	5	5	6
-37.5°	3	3	3	4	4	4	4	4	4	5	5
-38.75°	3	3	3	4	4	4	4	4	4	5	5
-40°	3	3	3	3	4	4	4	4	4	4	5
-41.25°	3	3	3	3	4	4	4	4	4	4	4
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-48.75°	2	3	3	3	3	3	3	3	4	4	4
-50°	2	3	3	3	3	3	3	3	3	4	4
-51.25°	2	2	3	3	3	3	3	3	3	3	4
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	2	2	2	2	2	3	3	3	3
-60°	1	1	1	2	2	2	2	2	2	3	3
-61.25°	1	1	1	1	2	2	2	2	2	2	3
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	2	2
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	1	2	2	2	2	2	2	2	2	2	3
66.25°	2	2	2	2	2	2	2	3	3	3	3
65°	2	2	2	2	2	3	3	3	3	3	3
63.75°	2	2	2	3	3	3	3	3	3	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	5
51.25°	4	4	4	4	4	4	4	4	5	5	5
50°	4	4	4	4	4	4	4	5	5	5	6
48.75°	4	4	4	4	4	5	5	5	5	6	6
47.5°	4	4	4	4	5	5	5	6	6	6	10
46.25°	4	4	4	5	5	5	6	6	7	12	16
45°	4	4	5	5	5	6	6	8	13	17	22
43.75°	4	5	5	5	6	6	9	14	18	23	27
42.5°	5	5	5	6	6	9	14	19	24	28	32
41.25°	5	5	6	6	9	14	19	24	29	33	37
40°	5	6	6	8	14	19	24	29	33	38	42
38.75°	5	6	7	13	18	24	29	33	38	42	46
37.5°	6	6	12	17	23	28	33	38	42	47	51
36.25°	6	10	16	22	27	32	37	42	46	51	55
35°	8	14	20	26	31	36	41	46	50	55	59

REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	11	18	24	29	35	40	45	50	54	59	64
32.5°	15	21	27	33	39	44	48	53	58	63	68
31.25°	19	25	31	37	42	47	52	57	62	67	73
30°	22	28	34	40	45	50	55	61	66	71	77
28.75°	25	31	37	43	48	53	59	64	70	76	82
27.5°	28	34	40	46	51	57	62	68	74	80	87
26.25°	31	37	43	49	54	60	65	71	78	85	93
25°	34	40	46	51	57	63	69	75	82	90	98
23.75°	36	42	48	54	60	65	72	79	86	95	103
22.5°	39	44	50	56	62	68	75	82	91	99	111
21.25°	41	47	53	59	65	71	78	86	95	105	118
20°	43	49	55	61	67	74	81	90	99	111	125
18.75°	45	51	57	63	70	77	85	94	104	118	132
17.5°	46	53	59	65	72	80	88	98	110	124	139
16.25°	48	54	61	67	75	82	92	101	115	130	146
15°	50	56	62	69	77	85	95	105	120	135	153
13.75°	51	58	64	71	79	88	98	110	125	141	159
12.5°	52	59	66	73	81	90	100	114	129	146	165
11.25°	54	60	67	75	83	93	103	118	133	152	170
10°	55	61	68	76	85	95	106	121	137	156	175
8.75°	56	62	70	77	86	96	109	124	141	160	181
7.5°	57	63	71	79	88	98	111	127	145	164	186
6.25°	57	64	72	80	89	99	114	129	147	167	190
5°	58	65	72	80	90	101	115	131	150	169	193
3.75°	58	65	73	81	91	101	117	133	152	171	196
2.5°	59	65	73	81	92	102	118	134	153	173	198
1.25°	59	66	74	82	92	102	118	134	154	173	199
0°	59	66	74	82	92	103	119	135	154	174	199
-1.25°	59	66	74	82	92	103	119	135	154	174	199
-2.5°	59	65	73	81	92	102	118	134	153	173	198
-3.75°	58	65	73	81	91	101	117	133	152	171	196
-5°	58	65	72	80	90	101	115	131	150	169	193
-6.25°	57	64	72	80	89	99	114	129	147	167	190
-7.5°	57	63	71	79	88	98	111	127	145	164	186
-8.75°	56	62	70	77	86	96	109	124	141	160	181
-10°	55	61	68	76	85	95	106	121	137	156	175
-11.25°	54	60	67	75	83	93	103	118	133	152	170
-12.5°	52	59	66	73	81	90	100	114	129	146	165
-13.75°	51	58	64	71	79	88	98	110	125	141	159
-15°	50	56	62	69	77	85	95	105	120	135	153
-16.25°	48	54	61	67	75	82	92	101	115	130	146
-17.5°	46	53	59	65	72	80	88	98	110	124	139
-18.75°	45	51	57	63	70	77	85	94	104	118	132
-20°	43	49	55	61	67	74	81	90	99	111	125
-21.25°	41	47	53	59	65	71	78	86	95	105	118



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	39	44	50	56	62	68	75	82	91	99	111
-23.75°	36	42	48	54	60	65	72	79	86	95	103
-25°	34	40	46	51	57	63	69	75	82	90	98
-26.25°	31	37	43	49	54	60	65	71	78	85	93
-27.5°	28	34	40	46	51	57	62	68	74	80	87
-28.75°	25	31	37	43	48	53	59	64	70	76	82
-30°	22	28	34	40	45	50	55	61	66	71	77
-31.25°	19	25	31	37	42	47	52	57	62	67	73
-32.5°	15	21	27	33	39	44	48	53	58	63	68
-33.75°	11	18	24	29	35	40	45	50	54	59	64
-35°	8	14	20	26	31	36	41	46	50	55	59
-36.25°	6	10	16	22	27	32	37	42	46	51	55
-37.5°	6	6	12	17	23	28	33	38	42	47	51
-38.75°	5	6	7	13	18	24	29	33	38	42	46
-40°	5	6	6	8	14	19	24	29	33	38	42
-41.25°	5	5	6	6	9	14	19	24	29	33	37
-42.5°	5	5	5	6	6	9	14	19	24	28	32
-43.75°	4	5	5	5	6	6	9	14	18	23	27
-45°	4	4	5	5	5	6	6	8	13	17	22
-46.25°	4	4	4	5	5	5	6	6	7	12	16
-47.5°	4	4	4	4	5	5	5	6	6	6	10
-48.75°	4	4	4	4	4	5	5	5	5	6	6
-50°	4	4	4	4	4	4	4	5	5	5	6
-51.25°	4	4	4	4	4	4	4	4	5	5	5
-52.5°	4	4	4	4	4	4	4	4	4	4	5
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	3	3	3	3
-67.5°	1	2	2	2	2	2	2	2	2	2	3
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	2	2	2
72.5°	1	1	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	3	3	3	3
68.75°	2	2	2	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	4	4	4
62.5°	3	3	3	3	4	4	4	4	4	4	4
61.25°	3	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	5	5	5
56.25°	4	4	4	4	4	5	5	5	5	5	5
55°	4	4	4	5	5	5	5	5	6	6	6
53.75°	4	5	5	5	5	6	6	6	6	8	11
52.5°	5	5	5	6	6	6	8	10	13	16	18
51.25°	5	6	6	6	9	12	15	17	20	23	25
50°	6	6	9	12	15	19	22	24	27	30	32
48.75°	8	11	15	19	22	25	28	31	34	36	39
47.5°	14	18	21	25	28	31	34	37	40	42	44
46.25°	20	24	27	31	34	37	40	43	46	48	50
45°	26	29	33	37	40	43	46	49	51	54	56
43.75°	31	35	39	42	45	48	51	54	57	60	62
42.5°	36	40	44	47	50	53	57	60	63	65	68
41.25°	41	45	48	52	55	59	62	65	69	72	75
40°	46	50	53	57	61	64	68	71	75	79	82
38.75°	50	54	58	62	66	70	74	78	82	86	91
37.5°	55	59	63	67	71	76	80	85	90	95	99
36.25°	59	64	68	73	77	82	87	93	98	103	111
35°	64	68	73	78	83	89	95	101	108	116	124



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	124	137	153	169	187	206	226	259	291	334	406
-23.75°	116	129	143	158	173	191	210	231	262	293	334
-25°	108	120	133	147	161	176	194	212	233	262	291
-26.25°	101	112	124	135	150	163	178	195	212	231	259
-27.5°	95	103	114	126	137	151	164	178	194	210	226
-28.75°	89	97	105	116	127	138	151	163	176	191	206
-30°	83	91	98	106	116	127	137	150	161	173	187
-31.25°	78	84	91	98	106	116	126	135	147	158	169
-32.5°	73	79	85	91	98	105	114	124	133	143	153
-33.75°	68	74	79	84	91	97	103	112	120	129	137
-35°	64	68	73	78	83	89	95	101	108	116	124
-36.25°	59	64	68	73	77	82	87	93	98	103	111
-37.5°	55	59	63	67	71	76	80	85	90	95	99
-38.75°	50	54	58	62	66	70	74	78	82	86	91
-40°	46	50	53	57	61	64	68	71	75	79	82
-41.25°	41	45	48	52	55	59	62	65	69	72	75
-42.5°	36	40	44	47	50	53	57	60	63	65	68
-43.75°	31	35	39	42	45	48	51	54	57	60	62
-45°	26	29	33	37	40	43	46	49	51	54	56
-46.25°	20	24	27	31	34	37	40	43	46	48	50
-47.5°	14	18	21	25	28	31	34	37	40	42	44
-48.75°	8	11	15	19	22	25	28	31	34	36	39
-50°	6	6	9	12	15	19	22	24	27	30	32
-51.25°	5	6	6	6	9	12	15	17	20	23	25
-52.5°	5	5	5	6	6	6	8	10	13	16	18
-53.75°	4	5	5	5	5	6	6	6	6	8	11
-55°	4	4	4	5	5	5	5	5	6	6	6
-56.25°	4	4	4	4	4	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	4
65°	3	3	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	5	5	5	5
58.75°	4	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	7	9	10	11	12
55°	6	7	9	11	13	14	16	17	18	19	20
53.75°	13	15	17	19	20	22	24	25	26	27	28
52.5°	20	22	24	26	28	29	31	32	33	34	35
51.25°	27	29	31	33	35	37	38	39	40	41	42
50°	34	36	38	40	42	43	45	46	47	48	49
48.75°	41	43	45	46	48	50	51	52	54	55	56
47.5°	47	49	51	53	54	56	58	59	60	61	62
46.25°	53	55	57	59	61	62	64	66	67	68	70
45°	59	61	63	65	67	69	71	73	75	76	77
43.75°	65	67	70	72	75	77	79	81	83	85	86
42.5°	71	74	77	80	82	85	88	90	93	95	96
41.25°	78	81	85	88	92	95	98	100	103	106	109
40°	86	90	94	98	101	105	110	114	118	121	124
38.75°	95	99	104	110	115	120	125	129	133	137	141
37.5°	105	111	118	124	130	135	141	146	152	156	160
36.25°	118	125	132	139	146	153	159	165	170	175	181
35°	132	140	148	156	164	171	178	186	193	200	206



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	147	156	165	173	183	193	202	210	218	224	234
32.5°	163	172	184	195	206	216	225	240	254	266	277
31.25°	180	193	206	217	231	249	266	281	295	308	328
30°	201	214	228	249	269	288	306	333	368	399	428
28.75°	221	242	265	287	307	345	388	428	465	498	529
27.5°	252	277	301	337	388	436	481	522	569	611	650
26.25°	286	312	367	422	475	526	583	637	688	734	775
25°	325	388	449	507	571	635	697	754	807	854	895
23.75°	401	467	531	604	676	745	810	868	920	966	1005
22.5°	476	548	627	707	782	853	916	973	1023	1062	1096
21.25°	553	639	725	807	883	952	1013	1062	1104	1131	1155
20°	639	731	819	901	975	1039	1092	1128	1158	1183	1205
18.75°	725	819	907	986	1054	1108	1146	1177	1205	1232	1257
17.5°	807	901	986	1059	1115	1156	1189	1222	1253	1281	1309
16.25°	883	975	1054	1115	1159	1196	1232	1267	1300	1333	1364
15°	952	1039	1108	1156	1196	1235	1274	1312	1350	1386	1416
13.75°	1013	1092	1146	1189	1232	1274	1316	1359	1398	1433	1468
12.5°	1062	1128	1177	1222	1267	1312	1359	1403	1443	1484	1526
11.25°	1104	1158	1205	1253	1300	1350	1398	1443	1489	1538	1586
10°	1131	1183	1232	1281	1333	1386	1433	1484	1538	1592	1645
8.75°	1155	1205	1257	1309	1364	1416	1468	1526	1586	1645	1700
7.5°	1174	1226	1278	1333	1391	1444	1503	1566	1630	1693	1748
6.25°	1190	1243	1298	1356	1413	1470	1534	1602	1670	1733	1788
5°	1203	1258	1315	1375	1432	1493	1562	1633	1703	1766	1820
3.75°	1214	1270	1328	1390	1448	1513	1584	1659	1729	1791	1844
2.5°	1222	1278	1338	1400	1459	1527	1601	1677	1747	1809	1861
1.25°	1227	1283	1344	1405	1466	1536	1611	1688	1758	1820	1871
0°	1228	1285	1346	1408	1469	1539	1614	1691	1762	1824	1874
-1.25°	1227	1283	1344	1405	1466	1536	1611	1688	1758	1820	1871
-2.5°	1222	1278	1338	1400	1459	1527	1601	1677	1747	1809	1861
-3.75°	1214	1270	1328	1390	1448	1513	1584	1659	1729	1791	1844
-5°	1203	1258	1315	1375	1432	1493	1562	1633	1703	1766	1820
-6.25°	1190	1243	1298	1356	1413	1470	1534	1602	1670	1733	1788
-7.5°	1174	1226	1278	1333	1391	1444	1503	1566	1630	1693	1748
-8.75°	1155	1205	1257	1309	1364	1416	1468	1526	1586	1645	1700
-10°	1131	1183	1232	1281	1333	1386	1433	1484	1538	1592	1645
-11.25°	1104	1158	1205	1253	1300	1350	1398	1443	1489	1538	1586
-12.5°	1062	1128	1177	1222	1267	1312	1359	1403	1443	1484	1526
-13.75°	1013	1092	1146	1189	1232	1274	1316	1359	1398	1433	1468
-15°	952	1039	1108	1156	1196	1235	1274	1312	1350	1386	1416
-16.25°	883	975	1054	1115	1159	1196	1232	1267	1300	1333	1364
-17.5°	807	901	986	1059	1115	1156	1189	1222	1253	1281	1309
-18.75°	725	819	907	986	1054	1108	1146	1177	1205	1232	1257
-20°	639	731	819	901	975	1039	1092	1128	1158	1183	1205
-21.25°	553	639	725	807	883	952	1013	1062	1104	1131	1155



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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	476	548	627	707	782	853	916	973	1023	1062	1096
-23.75°	401	467	531	604	676	745	810	868	920	966	1005
-25°	325	388	449	507	571	635	697	754	807	854	895
-26.25°	286	312	367	422	475	526	583	637	688	734	775
-27.5°	252	277	301	337	388	436	481	522	569	611	650
-28.75°	221	242	265	287	307	345	388	428	465	498	529
-30°	201	214	228	249	269	288	306	333	368	399	428
-31.25°	180	193	206	217	231	249	266	281	295	308	328
-32.5°	163	172	184	195	206	216	225	240	254	266	277
-33.75°	147	156	165	173	183	193	202	210	218	224	234
-35°	132	140	148	156	164	171	178	186	193	200	206
-36.25°	118	125	132	139	146	153	159	165	170	175	181
-37.5°	105	111	118	124	130	135	141	146	152	156	160
-38.75°	95	99	104	110	115	120	125	129	133	137	141
-40°	86	90	94	98	101	105	110	114	118	121	124
-41.25°	78	81	85	88	92	95	98	100	103	106	109
-42.5°	71	74	77	80	82	85	88	90	93	95	96
-43.75°	65	67	70	72	75	77	79	81	83	85	86
-45°	59	61	63	65	67	69	71	73	75	76	77
-46.25°	53	55	57	59	61	62	64	66	67	68	70
-47.5°	47	49	51	53	54	56	58	59	60	61	62
-48.75°	41	43	45	46	48	50	51	52	54	55	56
-50°	34	36	38	40	42	43	45	46	47	48	49
-51.25°	27	29	31	33	35	37	38	39	40	41	42
-52.5°	20	22	24	26	28	29	31	32	33	34	35
-53.75°	13	15	17	19	20	22	24	25	26	27	28
-55°	6	7	9	11	13	14	16	17	18	19	20
-56.25°	6	6	6	6	6	6	7	9	10	11	12
-57.5°	5	5	5	5	5	6	6	6	6	6	6
-58.75°	4	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	13	13	14	14	15	15	15	15	15	14	14
55°	21	22	22	23	23	23	23	23	23	23	22
53.75°	29	29	30	30	31	31	31	31	31	30	30
52.5°	36	37	37	38	38	38	38	38	38	38	37
51.25°	43	44	44	45	45	45	45	45	45	45	44
50°	50	50	51	51	52	52	52	52	52	51	51
48.75°	57	57	58	58	59	59	59	59	59	58	58
47.5°	63	64	65	65	66	66	66	66	65	65	65
46.25°	71	72	72	73	73	74	74	74	73	73	72
45°	79	80	80	81	81	82	82	82	81	81	80
43.75°	88	89	90	91	92	92	92	92	92	91	90
42.5°	98	99	101	101	102	102	103	102	102	101	101
41.25°	111	114	115	117	118	118	119	118	118	117	115
40°	127	129	131	133	134	134	135	134	134	133	131
38.75°	145	147	150	152	153	154	154	154	153	152	150
37.5°	164	167	169	171	173	173	174	173	173	171	169
36.25°	186	190	193	196	198	199	199	199	198	196	193
35°	211	215	219	221	223	225	225	225	223	221	219



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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	244	251	258	263	267	269	269	269	267	263	258
32.5°	287	295	302	307	311	313	314	313	311	307	302
31.25°	352	372	388	401	411	416	418	416	411	401	388
30°	453	474	491	505	515	521	523	521	515	505	491
28.75°	560	587	610	627	640	648	651	648	640	627	610
27.5°	685	715	739	758	772	780	783	780	772	758	739
26.25°	811	842	866	885	899	907	909	907	899	885	866
25°	931	960	983	1002	1015	1023	1026	1023	1015	1002	983
23.75°	1037	1062	1082	1098	1106	1111	1113	1111	1106	1098	1082
22.5°	1118	1135	1150	1160	1167	1171	1173	1171	1167	1160	1150
21.25°	1174	1190	1203	1214	1222	1227	1228	1227	1222	1214	1203
20°	1226	1243	1258	1270	1278	1283	1285	1283	1278	1270	1258
18.75°	1278	1298	1315	1328	1338	1344	1346	1344	1338	1328	1315
17.5°	1333	1356	1375	1390	1400	1405	1408	1405	1400	1390	1375
16.25°	1391	1413	1432	1448	1459	1466	1469	1466	1459	1448	1432
15°	1444	1470	1493	1513	1527	1536	1539	1536	1527	1513	1493
13.75°	1503	1534	1562	1584	1601	1611	1614	1611	1601	1584	1562
12.5°	1566	1602	1633	1659	1677	1688	1691	1688	1677	1659	1633
11.25°	1630	1670	1703	1729	1747	1758	1762	1758	1747	1729	1703
10°	1693	1733	1766	1791	1809	1820	1824	1820	1809	1791	1766
8.75°	1748	1788	1820	1844	1861	1871	1874	1871	1861	1844	1820
7.5°	1795	1834	1864	1887	1904	1913	1916	1913	1904	1887	1864
6.25°	1834	1871	1902	1922	1934	1941	1943	1941	1934	1922	1902
5°	1864	1902	1928	1943	1949	1952	1953	1952	1949	1943	1928
3.75°	1887	1922	1943	1951	1953	1954	1953	1954	1953	1951	1943
2.5°	1904	1934	1949	1953	1951	1946	1944	1946	1951	1953	1949
1.25°	1913	1941	1952	1954	1946	1941	1940	1941	1946	1954	1952
0°	1916	1943	1953	1953	1944	1940	1946	1940	1944	1953	1953
-1.25°	1913	1941	1952	1954	1946	1941	1940	1941	1946	1954	1952
-2.5°	1904	1934	1949	1953	1951	1946	1944	1946	1951	1953	1949
-3.75°	1887	1922	1943	1951	1953	1954	1953	1954	1953	1951	1943
-5°	1864	1902	1928	1943	1949	1952	1953	1952	1949	1943	1928
-6.25°	1834	1871	1902	1922	1934	1941	1943	1941	1934	1922	1902
-7.5°	1795	1834	1864	1887	1904	1913	1916	1913	1904	1887	1864
-8.75°	1748	1788	1820	1844	1861	1871	1874	1871	1861	1844	1820
-10°	1693	1733	1766	1791	1809	1820	1824	1820	1809	1791	1766
-11.25°	1630	1670	1703	1729	1747	1758	1762	1758	1747	1729	1703
-12.5°	1566	1602	1633	1659	1677	1688	1691	1688	1677	1659	1633
-13.75°	1503	1534	1562	1584	1601	1611	1614	1611	1601	1584	1562
-15°	1444	1470	1493	1513	1527	1536	1539	1536	1527	1513	1493
-16.25°	1391	1413	1432	1448	1459	1466	1469	1466	1459	1448	1432
-17.5°	1333	1356	1375	1390	1400	1405	1408	1405	1400	1390	1375
-18.75°	1278	1298	1315	1328	1338	1344	1346	1344	1338	1328	1315
-20°	1226	1243	1258	1270	1278	1283	1285	1283	1278	1270	1258
-21.25°	1174	1190	1203	1214	1222	1227	1228	1227	1222	1214	1203



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1118	1135	1150	1160	1167	1171	1173	1171	1167	1160	1150
-23.75°	1037	1062	1082	1098	1106	1111	1113	1111	1106	1098	1082
-25°	931	960	983	1002	1015	1023	1026	1023	1015	1002	983
-26.25°	811	842	866	885	899	907	909	907	899	885	866
-27.5°	685	715	739	758	772	780	783	780	772	758	739
-28.75°	560	587	610	627	640	648	651	648	640	627	610
-30°	453	474	491	505	515	521	523	521	515	505	491
-31.25°	352	372	388	401	411	416	418	416	411	401	388
-32.5°	287	295	302	307	311	313	314	313	311	307	302
-33.75°	244	251	258	263	267	269	269	269	267	263	258
-35°	211	215	219	221	223	225	225	225	223	221	219
-36.25°	186	190	193	196	198	199	199	199	198	196	193
-37.5°	164	167	169	171	173	173	174	173	173	171	169
-38.75°	145	147	150	152	153	154	154	154	153	152	150
-40°	127	129	131	133	134	134	135	134	134	133	131
-41.25°	111	114	115	117	118	118	119	118	118	117	115
-42.5°	98	99	101	101	102	102	103	102	102	101	101
-43.75°	88	89	90	91	92	92	92	92	92	91	90
-45°	79	80	80	81	81	82	82	82	81	81	80
-46.25°	71	72	72	73	73	74	74	74	73	73	72
-47.5°	63	64	65	65	65	66	66	66	65	65	65
-48.75°	57	57	58	58	59	59	59	59	59	58	58
-50°	50	50	51	51	52	52	52	52	52	51	51
-51.25°	43	44	44	45	45	45	45	45	45	45	44
-52.5°	36	37	37	38	38	38	38	38	38	38	37
-53.75°	29	29	30	30	31	31	31	31	31	30	30
-55°	21	22	22	23	23	23	23	23	23	23	22
-56.25°	13	13	14	14	15	15	15	15	15	14	14
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	6	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	5	5	5
56.25°	13	13	12	11	10	9	7	6	6	6	6
55°	22	21	20	19	18	17	16	14	13	11	9
53.75°	29	29	28	27	26	25	24	22	20	19	17
52.5°	37	36	35	34	33	32	31	29	28	26	24
51.25°	44	43	42	41	40	39	38	37	35	33	31
50°	50	50	49	48	47	46	45	43	42	40	38
48.75°	57	57	56	55	54	52	51	50	48	46	45
47.5°	64	63	62	61	60	59	58	56	54	53	51
46.25°	72	71	70	68	67	66	64	62	61	59	57
45°	80	79	77	76	75	73	71	69	67	65	63
43.75°	89	88	86	85	83	81	79	77	75	72	70
42.5°	99	98	96	95	93	90	88	85	82	80	77
41.25°	114	111	109	106	103	100	98	95	92	88	85
40°	129	127	124	121	118	114	110	105	101	98	94
38.75°	147	145	141	137	133	129	125	120	115	110	104
37.5°	167	164	160	156	152	146	141	135	130	124	118
36.25°	190	186	181	175	170	165	159	153	146	139	132
35°	215	211	206	200	193	186	178	171	164	156	148



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	251	244	234	224	218	210	202	193	183	173	165
32.5°	295	287	277	266	254	240	225	216	206	195	184
31.25°	372	352	328	308	295	281	266	249	231	217	206
30°	474	453	428	399	368	333	306	288	269	249	228
28.75°	587	560	529	498	465	428	388	345	307	287	265
27.5°	715	685	650	611	569	522	481	436	388	337	301
26.25°	842	811	775	734	688	637	583	526	475	422	367
25°	960	931	895	854	807	754	697	635	571	507	449
23.75°	1062	1037	1005	966	920	868	810	745	676	604	531
22.5°	1135	1118	1096	1062	1023	973	916	853	782	707	627
21.25°	1190	1174	1155	1131	1104	1062	1013	952	883	807	725
20°	1243	1226	1205	1183	1158	1128	1092	1039	975	901	819
18.75°	1298	1278	1257	1232	1205	1177	1146	1108	1054	986	907
17.5°	1356	1333	1309	1281	1253	1222	1189	1156	1115	1059	986
16.25°	1413	1391	1364	1333	1300	1267	1232	1196	1159	1115	1054
15°	1470	1444	1416	1386	1350	1312	1274	1235	1196	1156	1108
13.75°	1534	1503	1468	1433	1398	1359	1316	1274	1232	1189	1146
12.5°	1602	1566	1526	1484	1443	1403	1359	1312	1267	1222	1177
11.25°	1670	1630	1586	1538	1489	1443	1398	1350	1300	1253	1205
10°	1733	1693	1645	1592	1538	1484	1433	1386	1333	1281	1232
8.75°	1788	1748	1700	1645	1586	1526	1468	1416	1364	1309	1257
7.5°	1834	1795	1748	1693	1630	1566	1503	1444	1391	1333	1278
6.25°	1871	1834	1788	1733	1670	1602	1534	1470	1413	1356	1298
5°	1902	1864	1820	1766	1703	1633	1562	1493	1432	1375	1315
3.75°	1922	1887	1844	1791	1729	1659	1584	1513	1448	1390	1328
2.5°	1934	1904	1861	1809	1747	1677	1601	1527	1459	1400	1338
1.25°	1941	1913	1871	1820	1758	1688	1611	1536	1466	1405	1344
0°	1943	1916	1874	1824	1762	1691	1614	1539	1469	1408	1346
-1.25°	1941	1913	1871	1820	1758	1688	1611	1536	1466	1405	1344
-2.5°	1934	1904	1861	1809	1747	1677	1601	1527	1459	1400	1338
-3.75°	1922	1887	1844	1791	1729	1659	1584	1513	1448	1390	1328
-5°	1902	1864	1820	1766	1703	1633	1562	1493	1432	1375	1315
-6.25°	1871	1834	1788	1733	1670	1602	1534	1470	1413	1356	1298
-7.5°	1834	1795	1748	1693	1630	1566	1503	1444	1391	1333	1278
-8.75°	1788	1748	1700	1645	1586	1526	1468	1416	1364	1309	1257
-10°	1733	1693	1645	1592	1538	1484	1433	1386	1333	1281	1232
-11.25°	1670	1630	1586	1538	1489	1443	1398	1350	1300	1253	1205
-12.5°	1602	1566	1526	1484	1443	1403	1359	1312	1267	1222	1177
-13.75°	1534	1503	1468	1433	1398	1359	1316	1274	1232	1189	1146
-15°	1470	1444	1416	1386	1350	1312	1274	1235	1196	1156	1108
-16.25°	1413	1391	1364	1333	1300	1267	1232	1196	1159	1115	1054
-17.5°	1356	1333	1309	1281	1253	1222	1189	1156	1115	1059	986
-18.75°	1298	1278	1257	1232	1205	1177	1146	1108	1054	986	907
-20°	1243	1226	1205	1183	1158	1128	1092	1039	975	901	819
-21.25°	1190	1174	1155	1131	1104	1062	1013	952	883	807	725



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1135	1118	1096	1062	1023	973	916	853	782	707	627
-23.75°	1062	1037	1005	966	920	868	810	745	676	604	531
-25°	960	931	895	854	807	754	697	635	571	507	449
-26.25°	842	811	775	734	688	637	583	526	475	422	367
-27.5°	715	685	650	611	569	522	481	436	388	337	301
-28.75°	587	560	529	498	465	428	388	345	307	287	265
-30°	474	453	428	399	368	333	306	288	269	249	228
-31.25°	372	352	328	308	295	281	266	249	231	217	206
-32.5°	295	287	277	266	254	240	225	216	206	195	184
-33.75°	251	244	234	224	218	210	202	193	183	173	165
-35°	215	211	206	200	193	186	178	171	164	156	148
-36.25°	190	186	181	175	170	165	159	153	146	139	132
-37.5°	167	164	160	156	152	146	141	135	130	124	118
-38.75°	147	145	141	137	133	129	125	120	115	110	104
-40°	129	127	124	121	118	114	110	105	101	98	94
-41.25°	114	111	109	106	103	100	98	95	92	88	85
-42.5°	99	98	96	95	93	90	88	85	82	80	77
-43.75°	89	88	86	85	83	81	79	77	75	72	70
-45°	80	79	77	76	75	73	71	69	67	65	63
-46.25°	72	71	70	68	67	66	64	62	61	59	57
-47.5°	64	63	62	61	60	59	58	56	54	53	51
-48.75°	57	57	56	55	54	52	51	50	48	46	45
-50°	50	50	49	48	47	46	45	43	42	40	38
-51.25°	44	43	42	41	40	39	38	37	35	33	31
-52.5°	37	36	35	34	33	32	31	29	28	26	24
-53.75°	29	29	28	27	26	25	24	22	20	19	17
-55°	22	21	20	19	18	17	16	14	13	11	9
-56.25°	13	13	12	11	10	9	7	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	4	4	4	4	4	4
56.25°	6	6	5	5	5	5	5	5	4	4	4
55°	7	6	6	6	6	5	5	5	5	5	4
53.75°	15	13	11	8	6	6	6	6	5	5	5
52.5°	22	20	18	16	13	10	8	6	6	6	5
51.25°	29	27	25	23	20	17	15	12	9	6	6
50°	36	34	32	30	27	24	22	19	15	12	9
48.75°	43	41	39	36	34	31	28	25	22	19	15
47.5°	49	47	44	42	40	37	34	31	28	25	21
46.25°	55	53	50	48	46	43	40	37	34	31	27
45°	61	59	56	54	51	49	46	43	40	37	33
43.75°	67	65	62	60	57	54	51	48	45	42	39
42.5°	74	71	68	65	63	60	57	53	50	47	44
41.25°	81	78	75	72	69	65	62	59	55	52	48
40°	90	86	82	79	75	71	68	64	61	57	53
38.75°	99	95	91	86	82	78	74	70	66	62	58
37.5°	111	105	99	95	90	85	80	76	71	67	63
36.25°	125	118	111	103	98	93	87	82	77	73	68
35°	140	132	124	116	108	101	95	89	83	78	73



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	156	147	137	129	120	112	103	97	91	84	79
32.5°	172	163	153	143	133	124	114	105	98	91	85
31.25°	193	180	169	158	147	135	126	116	106	98	91
30°	214	201	187	173	161	150	137	127	116	106	98
28.75°	242	221	206	191	176	163	151	138	127	116	105
27.5°	277	252	226	210	194	178	164	151	137	126	114
26.25°	312	286	259	231	212	195	178	163	150	135	124
25°	388	325	291	262	233	212	194	176	161	147	133
23.75°	467	401	334	293	262	231	210	191	173	158	143
22.5°	548	476	406	334	291	259	226	206	187	169	153
21.25°	639	553	476	401	325	286	252	221	201	180	163
20°	731	639	548	467	388	312	277	242	214	193	172
18.75°	819	725	627	531	449	367	301	265	228	206	184
17.5°	901	807	707	604	507	422	337	287	249	217	195
16.25°	975	883	782	676	571	475	388	307	269	231	206
15°	1039	952	853	745	635	526	436	345	288	249	216
13.75°	1092	1013	916	810	697	583	481	388	306	266	225
12.5°	1128	1062	973	868	754	637	522	428	333	281	240
11.25°	1158	1104	1023	920	807	688	569	465	368	295	254
10°	1183	1131	1062	966	854	734	611	498	399	308	266
8.75°	1205	1155	1096	1005	895	775	650	529	428	328	277
7.5°	1226	1174	1118	1037	931	811	685	560	453	352	287
6.25°	1243	1190	1135	1062	960	842	715	587	474	372	295
5°	1258	1203	1150	1082	983	866	739	610	491	388	302
3.75°	1270	1214	1160	1098	1002	885	758	627	505	401	307
2.5°	1278	1222	1167	1106	1015	899	772	640	515	411	311
1.25°	1283	1227	1171	1111	1023	907	780	648	521	416	313
0°	1285	1228	1173	1113	1026	909	783	651	523	418	314
-1.25°	1283	1227	1171	1111	1023	907	780	648	521	416	313
-2.5°	1278	1222	1167	1106	1015	899	772	640	515	411	311
-3.75°	1270	1214	1160	1098	1002	885	758	627	505	401	307
-5°	1258	1203	1150	1082	983	866	739	610	491	388	302
-6.25°	1243	1190	1135	1062	960	842	715	587	474	372	295
-7.5°	1226	1174	1118	1037	931	811	685	560	453	352	287
-8.75°	1205	1155	1096	1005	895	775	650	529	428	328	277
-10°	1183	1131	1062	966	854	734	611	498	399	308	266
-11.25°	1158	1104	1023	920	807	688	569	465	368	295	254
-12.5°	1128	1062	973	868	754	637	522	428	333	281	240
-13.75°	1092	1013	916	810	697	583	481	388	306	266	225
-15°	1039	952	853	745	635	526	436	345	288	249	216
-16.25°	975	883	782	676	571	475	388	307	269	231	206
-17.5°	901	807	707	604	507	422	337	287	249	217	195
-18.75°	819	725	627	531	449	367	301	265	228	206	184
-20°	731	639	548	467	388	312	277	242	214	193	172
-21.25°	639	553	476	401	325	286	252	221	201	180	163



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	548	476	406	334	291	259	226	206	187	169	153
-23.75°	467	401	334	293	262	231	210	191	173	158	143
-25°	388	325	291	262	233	212	194	176	161	147	133
-26.25°	312	286	259	231	212	195	178	163	150	135	124
-27.5°	277	252	226	210	194	178	164	151	137	126	114
-28.75°	242	221	206	191	176	163	151	138	127	116	105
-30°	214	201	187	173	161	150	137	127	116	106	98
-31.25°	193	180	169	158	147	135	126	116	106	98	91
-32.5°	172	163	153	143	133	124	114	105	98	91	85
-33.75°	156	147	137	129	120	112	103	97	91	84	79
-35°	140	132	124	116	108	101	95	89	83	78	73
-36.25°	125	118	111	103	98	93	87	82	77	73	68
-37.5°	111	105	99	95	90	85	80	76	71	67	63
-38.75°	99	95	91	86	82	78	74	70	66	62	58
-40°	90	86	82	79	75	71	68	64	61	57	53
-41.25°	81	78	75	72	69	65	62	59	55	52	48
-42.5°	74	71	68	65	63	60	57	53	50	47	44
-43.75°	67	65	62	60	57	54	51	48	45	42	39
-45°	61	59	56	54	51	49	46	43	40	37	33
-46.25°	55	53	50	48	46	43	40	37	34	31	27
-47.5°	49	47	44	42	40	37	34	31	28	25	21
-48.75°	43	41	39	36	34	31	28	25	22	19	15
-50°	36	34	32	30	27	24	22	19	15	12	9
-51.25°	29	27	25	23	20	17	15	12	9	6	6
-52.5°	22	20	18	16	13	10	8	6	6	6	5
-53.75°	15	13	11	8	6	6	6	6	5	5	5
-55°	7	6	6	6	6	5	5	5	5	5	4
-56.25°	6	6	5	5	5	5	5	5	4	4	4
-57.5°	5	5	5	5	5	4	4	4	4	4	4
-58.75°	5	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	3	3
-63.75°	4	4	4	4	4	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	2
-70°	3	3	3	3	3	3	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	3	3	3	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	5	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	4	4	4	4	4	4	4	4
51.25°	6	5	5	5	5	4	4	4	4	4	4
50°	6	6	6	5	5	5	4	4	4	4	4
48.75°	11	8	6	6	5	5	5	5	4	4	4
47.5°	18	14	10	6	6	6	5	5	5	4	4
46.25°	24	20	16	12	7	6	6	5	5	5	4
45°	29	26	22	17	13	8	6	6	5	5	5
43.75°	35	31	27	23	18	14	9	6	6	5	5
42.5°	40	36	32	28	24	19	14	9	6	6	5
41.25°	45	41	37	33	29	24	19	14	9	6	6
40°	50	46	42	38	33	29	24	19	14	8	6
38.75°	54	50	46	42	38	33	29	24	18	13	7
37.5°	59	55	51	47	42	38	33	28	23	17	12
36.25°	64	59	55	51	46	42	37	32	27	22	16
35°	68	64	59	55	50	46	41	36	31	26	20



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	74	68	64	59	54	50	45	40	35	29	24
32.5°	79	73	68	63	58	53	48	44	39	33	27
31.25°	84	78	73	67	62	57	52	47	42	37	31
30°	91	83	77	71	66	61	55	50	45	40	34
28.75°	97	89	82	76	70	64	59	53	48	43	37
27.5°	103	95	87	80	74	68	62	57	51	46	40
26.25°	112	101	93	85	78	71	65	60	54	49	43
25°	120	108	98	90	82	75	69	63	57	51	46
23.75°	129	116	103	95	86	79	72	65	60	54	48
22.5°	137	124	111	99	91	82	75	68	62	56	50
21.25°	147	132	118	105	95	86	78	71	65	59	53
20°	156	140	125	111	99	90	81	74	67	61	55
18.75°	165	148	132	118	104	94	85	77	70	63	57
17.5°	173	156	139	124	110	98	88	80	72	65	59
16.25°	183	164	146	130	115	101	92	82	75	67	61
15°	193	171	153	135	120	105	95	85	77	69	62
13.75°	202	178	159	141	125	110	98	88	79	71	64
12.5°	210	186	165	146	129	114	100	90	81	73	66
11.25°	218	193	170	152	133	118	103	93	83	75	67
10°	224	200	175	156	137	121	106	95	85	76	68
8.75°	234	206	181	160	141	124	109	96	86	77	70
7.5°	244	211	186	164	145	127	111	98	88	79	71
6.25°	251	215	190	167	147	129	114	99	89	80	72
5°	258	219	193	169	150	131	115	101	90	80	72
3.75°	263	221	196	171	152	133	117	101	91	81	73
2.5°	267	223	198	173	153	134	118	102	92	81	73
1.25°	269	225	199	173	154	134	118	102	92	82	74
0°	269	225	199	174	154	135	119	103	92	82	74
-1.25°	269	225	199	173	154	134	118	102	92	82	74
-2.5°	267	223	198	173	153	134	118	102	92	81	73
-3.75°	263	221	196	171	152	133	117	101	91	81	73
-5°	258	219	193	169	150	131	115	101	90	80	72
-6.25°	251	215	190	167	147	129	114	99	89	80	72
-7.5°	244	211	186	164	145	127	111	98	88	79	71
-8.75°	234	206	181	160	141	124	109	96	86	77	70
-10°	224	200	175	156	137	121	106	95	85	76	68
-11.25°	218	193	170	152	133	118	103	93	83	75	67
-12.5°	210	186	165	146	129	114	100	90	81	73	66
-13.75°	202	178	159	141	125	110	98	88	79	71	64
-15°	193	171	153	135	120	105	95	85	77	69	62
-16.25°	183	164	146	130	115	101	92	82	75	67	61
-17.5°	173	156	139	124	110	98	88	80	72	65	59
-18.75°	165	148	132	118	104	94	85	77	70	63	57
-20°	156	140	125	111	99	90	81	74	67	61	55
-21.25°	147	132	118	105	95	86	78	71	65	59	53



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	137	124	111	99	91	82	75	68	62	56	50
-23.75°	129	116	103	95	86	79	72	65	60	54	48
-25°	120	108	98	90	82	75	69	63	57	51	46
-26.25°	112	101	93	85	78	71	65	60	54	49	43
-27.5°	103	95	87	80	74	68	62	57	51	46	40
-28.75°	97	89	82	76	70	64	59	53	48	43	37
-30°	91	83	77	71	66	61	55	50	45	40	34
-31.25°	84	78	73	67	62	57	52	47	42	37	31
-32.5°	79	73	68	63	58	53	48	44	39	33	27
-33.75°	74	68	64	59	54	50	45	40	35	29	24
-35°	68	64	59	55	50	46	41	36	31	26	20
-36.25°	64	59	55	51	46	42	37	32	27	22	16
-37.5°	59	55	51	47	42	38	33	28	23	17	12
-38.75°	54	50	46	42	38	33	29	24	18	13	7
-40°	50	46	42	38	33	29	24	19	14	8	6
-41.25°	45	41	37	33	29	24	19	14	9	6	6
-42.5°	40	36	32	28	24	19	14	9	6	6	5
-43.75°	35	31	27	23	18	14	9	6	6	5	5
-45°	29	26	22	17	13	8	6	6	5	5	5
-46.25°	24	20	16	12	7	6	6	5	5	5	4
-47.5°	18	14	10	6	6	6	5	5	5	4	4
-48.75°	11	8	6	6	5	5	5	5	4	4	4
-50°	6	6	6	5	5	5	4	4	4	4	4
-51.25°	6	5	5	5	5	4	4	4	4	4	4
-52.5°	5	5	5	4	4	4	4	4	4	4	4
-53.75°	5	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	4	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	2
-65°	3	3	3	3	3	3	3	3	2	2	2
-66.25°	3	3	3	3	3	3	2	2	2	2	2
-67.5°	3	3	3	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	1
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	2	2	2	2	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	3	2	2	2	2	2	2	2	1	1	1
61.25°	3	3	3	2	2	2	2	2	2	1	1
60°	3	3	3	3	2	2	2	2	2	2	1
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	4	3	3	3	3	3	3	3	3	3	2
52.5°	4	4	3	3	3	3	3	3	3	3	2
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	5	4	4	4	4	4	4	4	3	3	3
42.5°	5	5	4	4	4	4	4	4	3	3	3
41.25°	5	5	4	4	4	4	4	4	4	3	3
40°	6	5	5	4	4	4	4	4	4	3	3
38.75°	6	5	5	5	4	4	4	4	4	4	3
37.5°	6	6	5	5	4	4	4	4	4	4	3
36.25°	10	6	6	5	5	4	4	4	4	4	4
35°	14	8	6	5	5	4	4	4	4	4	4



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	18	11	6	6	5	5	4	4	4	4	4
32.5°	21	15	9	6	5	5	4	4	4	4	4
31.25°	25	19	12	6	6	5	5	4	4	4	4
30°	28	22	15	9	6	5	5	4	4	4	4
28.75°	31	25	19	12	6	6	5	5	4	4	4
27.5°	34	28	22	15	8	6	5	5	4	4	4
26.25°	37	31	24	17	10	6	5	5	4	4	4
25°	40	34	27	20	13	6	6	5	5	4	4
23.75°	42	36	30	23	16	8	6	5	5	4	4
22.5°	44	39	32	25	18	11	6	5	5	4	4
21.25°	47	41	34	27	20	13	6	6	5	4	4
20°	49	43	36	29	22	15	7	6	5	5	4
18.75°	51	45	38	31	24	17	9	6	5	5	4
17.5°	53	46	40	33	26	19	11	6	5	5	4
16.25°	54	48	42	35	28	20	13	6	5	5	4
15°	56	50	43	37	29	22	14	6	6	5	4
13.75°	58	51	45	38	31	24	16	7	6	5	4
12.5°	59	52	46	39	32	25	17	9	6	5	5
11.25°	60	54	47	40	33	26	18	10	6	5	5
10°	61	55	48	41	34	27	19	11	6	5	5
8.75°	62	56	49	42	35	28	20	12	6	5	5
7.5°	63	57	50	43	36	29	21	13	6	5	5
6.25°	64	57	50	44	37	29	22	13	6	5	5
5°	65	58	51	44	37	30	22	14	6	6	5
3.75°	65	58	51	45	38	30	23	14	6	6	5
2.5°	65	59	52	45	38	31	23	15	6	6	5
1.25°	66	59	52	45	38	31	23	15	6	6	5
0°	66	59	52	45	38	31	23	15	6	6	5
-1.25°	66	59	52	45	38	31	23	15	6	6	5
-2.5°	65	59	52	45	38	31	23	15	6	6	5
-3.75°	65	58	51	45	38	30	23	14	6	6	5
-5°	65	58	51	44	37	30	22	14	6	6	5
-6.25°	64	57	50	44	37	29	22	13	6	5	5
-7.5°	63	57	50	43	36	29	21	13	6	5	5
-8.75°	62	56	49	42	35	28	20	12	6	5	5
-10°	61	55	48	41	34	27	19	11	6	5	5
-11.25°	60	54	47	40	33	26	18	10	6	5	5
-12.5°	59	52	46	39	32	25	17	9	6	5	5
-13.75°	58	51	45	38	31	24	16	7	6	5	4
-15°	56	50	43	37	29	22	14	6	6	5	4
-16.25°	54	48	42	35	28	20	13	6	5	5	4
-17.5°	53	46	40	33	26	19	11	6	5	5	4
-18.75°	51	45	38	31	24	17	9	6	5	5	4
-20°	49	43	36	29	22	15	7	6	5	5	4
-21.25°	47	41	34	27	20	13	6	6	5	4	4



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	44	39	32	25	18	11	6	5	5	4	4
-23.75°	42	36	30	23	16	8	6	5	5	4	4
-25°	40	34	27	20	13	6	6	5	5	4	4
-26.25°	37	31	24	17	10	6	5	5	4	4	4
-27.5°	34	28	22	15	8	6	5	5	4	4	4
-28.75°	31	25	19	12	6	6	5	5	4	4	4
-30°	28	22	15	9	6	5	5	4	4	4	4
-31.25°	25	19	12	6	6	5	5	4	4	4	4
-32.5°	21	15	9	6	5	5	4	4	4	4	4
-33.75°	18	11	6	6	5	5	4	4	4	4	4
-35°	14	8	6	5	5	4	4	4	4	4	4
-36.25°	10	6	6	5	5	4	4	4	4	4	4
-37.5°	6	6	5	5	4	4	4	4	4	4	3
-38.75°	6	5	5	5	4	4	4	4	4	4	3
-40°	6	5	5	4	4	4	4	4	4	3	3
-41.25°	5	5	4	4	4	4	4	4	4	3	3
-42.5°	5	5	4	4	4	4	4	4	3	3	3
-43.75°	5	4	4	4	4	4	4	4	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	4	3	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	4	4	3	3	3	3	3	3	3	3	2
-53.75°	4	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	1
-61.25°	3	3	3	2	2	2	2	2	2	1	1
-62.5°	3	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	2	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	3	2	2	2	2	1	1	1	1	1	1
48.75°	3	2	2	2	2	1	1	1	1	1	1
47.5°	3	3	2	2	2	2	1	1	1	1	1
46.25°	3	3	2	2	2	2	1	1	1	1	1
45°	3	3	3	2	2	2	2	1	1	1	1
43.75°	3	3	3	2	2	2	2	1	1	1	1
42.5°	3	3	3	3	2	2	2	1	1	1	1
41.25°	3	3	3	3	2	2	2	2	1	1	1
40°	3	3	3	3	3	2	2	2	1	1	1
38.75°	3	3	3	3	3	2	2	2	1	1	1
37.5°	3	3	3	3	3	2	2	2	2	1	1
36.25°	3	3	3	3	3	3	2	2	2	1	1
35°	3	3	3	3	3	3	2	2	2	1	1



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	4	3	3	3	3	3	2	2	2	1	1
32.5°	4	3	3	3	3	3	2	2	2	2	1
31.25°	4	3	3	3	3	3	3	2	2	2	1
30°	4	4	3	3	3	3	3	2	2	2	1
28.75°	4	4	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	1
26.25°	4	4	3	3	3	3	3	3	2	2	1
25°	4	4	4	3	3	3	3	3	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	2	2	2
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	4	3	3	3	3	2	2	2
17.5°	4	4	4	4	3	3	3	3	3	2	2
16.25°	4	4	4	4	3	3	3	3	3	2	2
15°	4	4	4	4	3	3	3	3	3	2	2
13.75°	4	4	4	4	3	3	3	3	3	2	2
12.5°	4	4	4	4	3	3	3	3	3	2	2
11.25°	4	4	4	4	3	3	3	3	3	2	2
10°	4	4	4	4	3	3	3	3	3	2	2
8.75°	4	4	4	4	4	3	3	3	3	2	2
7.5°	4	4	4	4	4	3	3	3	3	2	2
6.25°	4	4	4	4	4	3	3	3	3	2	2
5°	4	4	4	4	4	3	3	3	3	2	2
3.75°	4	4	4	4	4	3	3	3	3	2	2
2.5°	4	4	4	4	4	3	3	3	3	2	2
1.25°	4	4	4	4	4	3	3	3	3	2	2
0°	4	4	4	4	4	3	3	3	3	2	2
-1.25°	4	4	4	4	4	3	3	3	3	2	2
-2.5°	4	4	4	4	4	3	3	3	3	2	2
-3.75°	4	4	4	4	4	3	3	3	3	2	2
-5°	4	4	4	4	4	3	3	3	3	2	2
-6.25°	4	4	4	4	4	3	3	3	3	2	2
-7.5°	4	4	4	4	4	3	3	3	3	2	2
-8.75°	4	4	4	4	4	3	3	3	3	2	2
-10°	4	4	4	4	3	3	3	3	3	2	2
-11.25°	4	4	4	4	3	3	3	3	3	2	2
-12.5°	4	4	4	4	3	3	3	3	3	2	2
-13.75°	4	4	4	4	3	3	3	3	3	2	2
-15°	4	4	4	4	3	3	3	3	3	2	2
-16.25°	4	4	4	4	3	3	3	3	3	2	2
-17.5°	4	4	4	4	3	3	3	3	3	2	2
-18.75°	4	4	4	4	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	4	4	3	3	3	3	3	2	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	4	3	3	3	3	3	2	2	2
-26.25°	4	4	3	3	3	3	3	3	2	2	1
-27.5°	4	4	3	3	3	3	3	2	2	2	1
-28.75°	4	4	3	3	3	3	3	2	2	2	1
-30°	4	4	3	3	3	3	3	2	2	2	1
-31.25°	4	3	3	3	3	3	3	2	2	2	1
-32.5°	4	3	3	3	3	3	2	2	2	2	1
-33.75°	4	3	3	3	3	3	2	2	2	1	1
-35°	3	3	3	3	3	3	2	2	2	1	1
-36.25°	3	3	3	3	3	3	2	2	2	1	1
-37.5°	3	3	3	3	3	2	2	2	2	1	1
-38.75°	3	3	3	3	3	2	2	2	1	1	1
-40°	3	3	3	3	3	2	2	2	1	1	1
-41.25°	3	3	3	3	2	2	2	2	1	1	1
-42.5°	3	3	3	3	2	2	2	1	1	1	1
-43.75°	3	3	3	2	2	2	2	1	1	1	1
-45°	3	3	3	2	2	2	2	1	1	1	1
-46.25°	3	3	2	2	2	2	1	1	1	1	1
-47.5°	3	3	2	2	2	2	1	1	1	1	1
-48.75°	3	2	2	2	2	1	1	1	1	1	1
-50°	3	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	0	0	0	0	0	0	0	0	0
70°	1	1	1	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	0	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220707 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)