

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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)
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-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

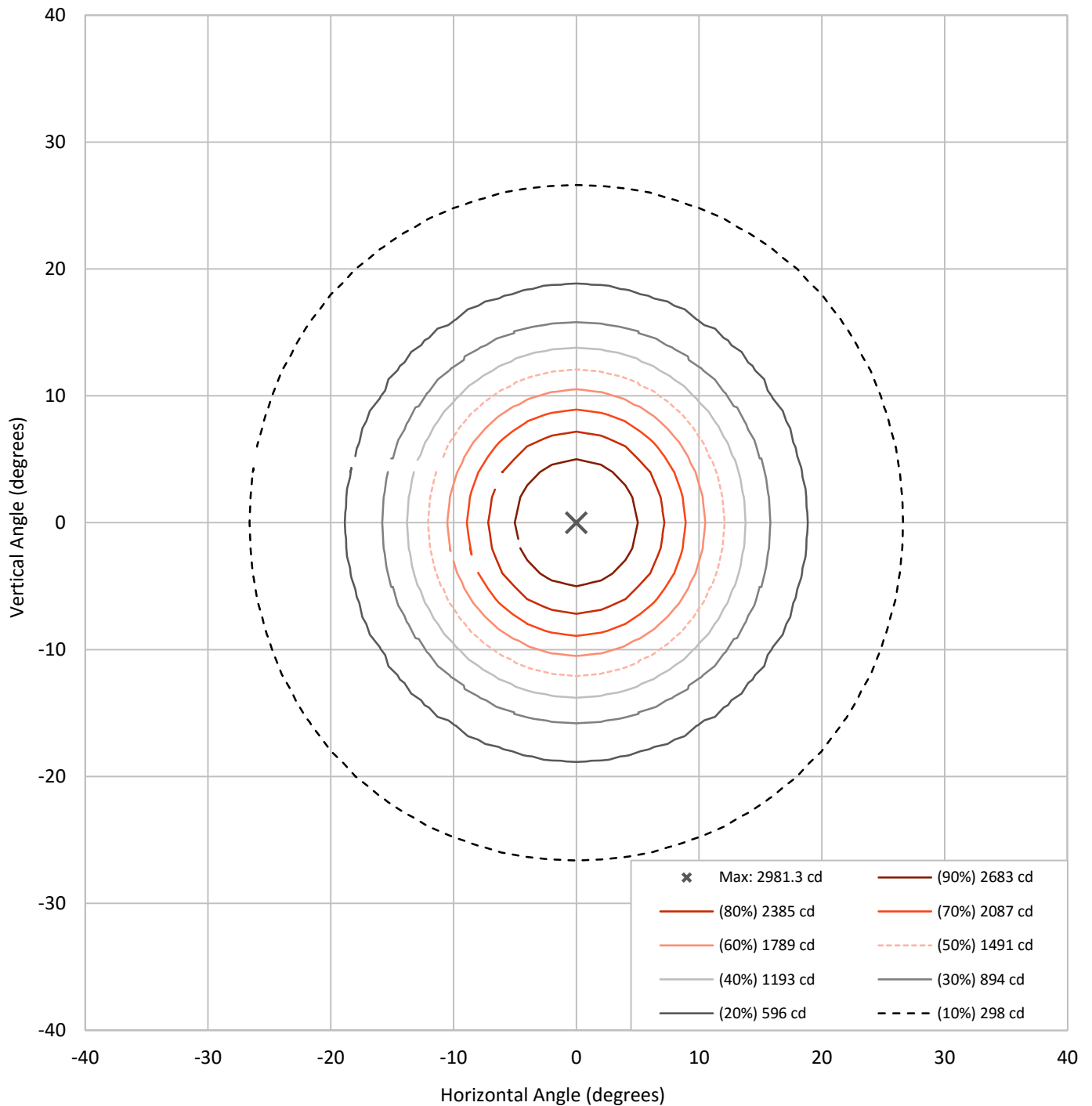
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	704 lumens	Max Intensity:	2981.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	307.8 lumens	Field Lumens:	628.9 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
Input Watts (W):	9.8		
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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Iso-Candela Plot





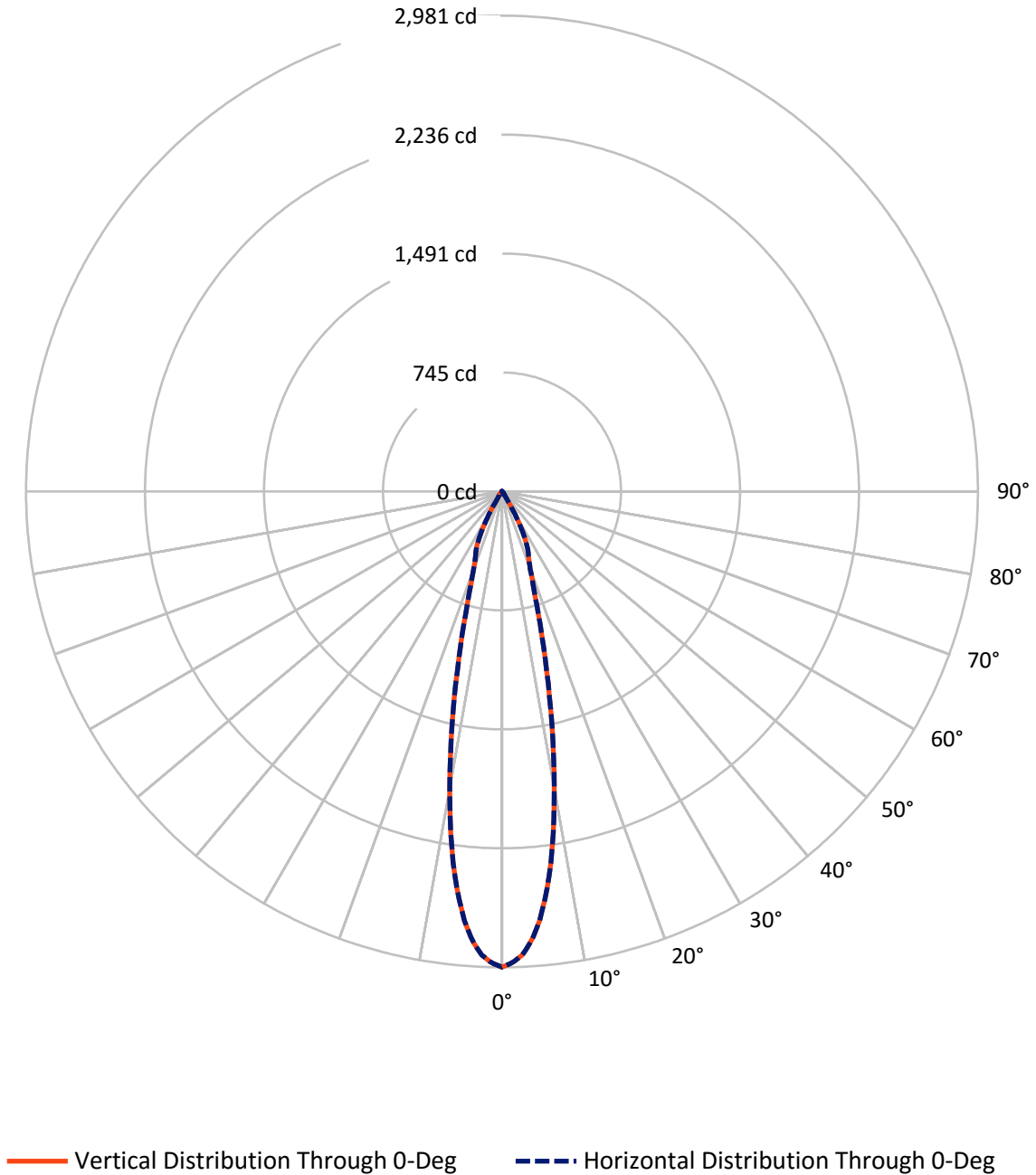
REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	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	0.1	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0					
50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
40		0.0	0.0	0.1	0.1	0.3	0.6	1.2	1.2	0.6	0.3	0.1	0.1	0.0					
30	0.0	0.0	0.0	0.1	0.2	1.2	5.7	9.8	9.8	5.7	1.2	0.2	0.1	0.0	0.0	0.0	0.0		
20		0.0	0.0	0.1	0.5	5.4	14.9	28.3	28.3	14.9	5.4	0.5	0.1	0.0					
10	0.0	0.0	0.1	0.1	1.0	9.0	27.5	68.3	68.3	27.5	9.0	1.0	0.1	0.1	0.0	0.0	0.0		
0		0.0	0.1	0.1	1.0	9.0	27.5	68.3	68.3	27.5	9.0	1.0	0.1	0.1					
-10	0.0	0.0	0.1	0.1	1.0	9.0	27.5	68.3	68.3	27.5	9.0	1.0	0.1	0.1	0.0	0.0	0.0		
-20		0.0	0.0	0.1	0.5	5.4	14.9	28.3	28.3	14.9	5.4	0.5	0.1	0.0					
-30	0.0	0.0	0.0	0.1	0.2	1.2	5.7	9.8	9.8	5.7	1.2	0.2	0.1	0.0	0.0	0.0	0.0		
-40		0.0	0.0	0.1	0.1	0.3	0.6	1.2	1.2	0.6	0.3	0.1	0.1	0.0					
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	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					
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0					
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

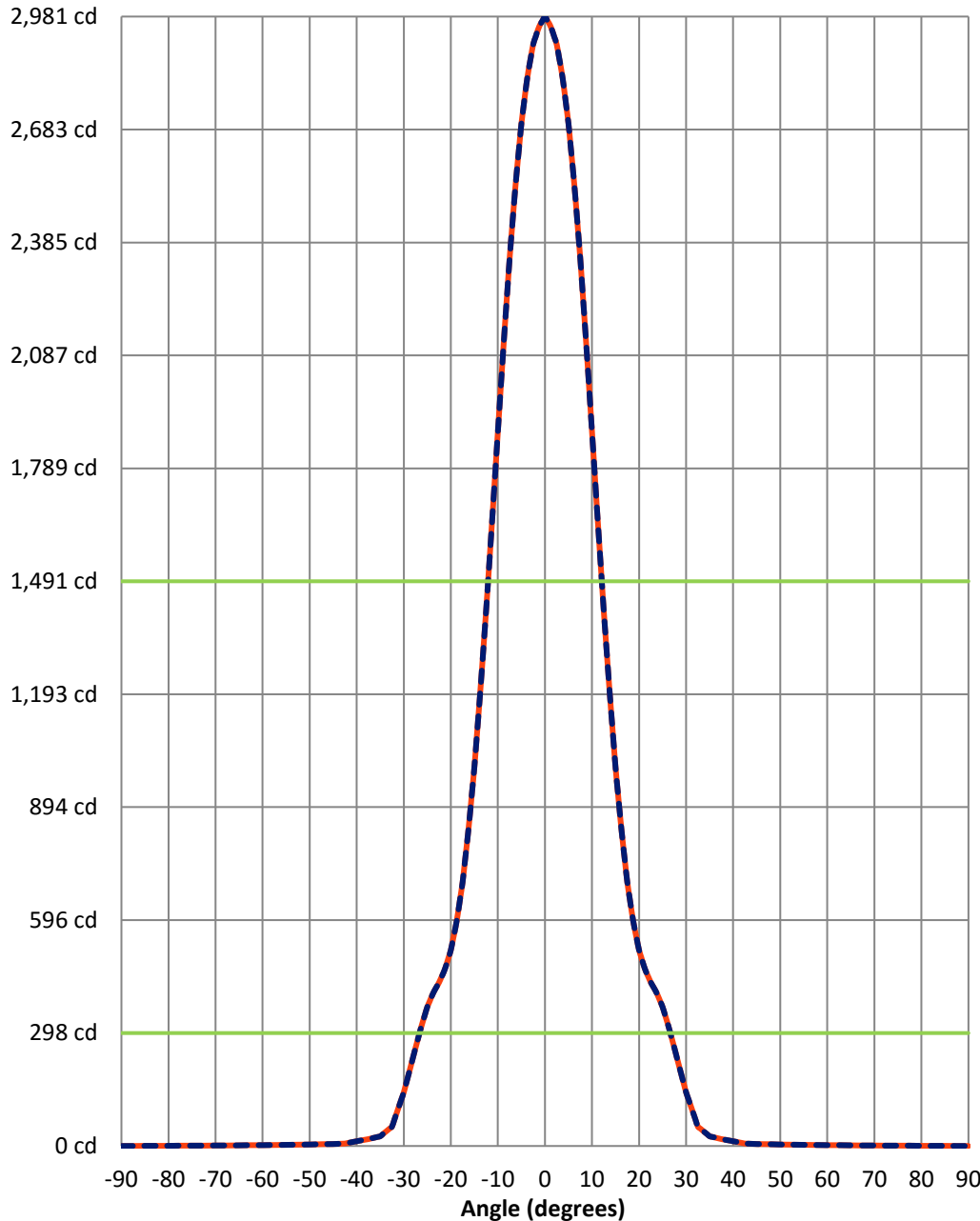
REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 24.2°
 Lumens: 307.8
 Efficiency: 43.7%

Field:
 H Angle: 53.3°
 V Angle: 53.3°
 Lumens: 628.9
 Efficiency: 89.3%

Spill:
 Lumens: 75.1
 Efficiency: 10.7%

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	1
-23.75°	0	0	0	0	0	0	0	0	0	0	1
-25°	0	0	0	0	0	0	0	0	0	0	1
-26.25°	0	0	0	0	0	0	0	0	0	0	1
-27.5°	0	0	0	0	0	0	0	0	0	0	1
-28.75°	0	0	0	0	0	0	0	0	0	0	1
-30°	0	0	0	0	0	0	0	0	0	0	1
-31.25°	0	0	0	0	0	0	0	0	0	0	1
-32.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	2	2	2	2	2	2	2	2	3
32.5°	1	2	2	2	2	2	2	2	2	2	3
31.25°	1	2	2	2	2	2	2	2	2	3	3
30°	1	2	2	2	2	2	2	2	2	3	3
28.75°	2	2	2	2	2	2	2	2	3	3	3
27.5°	2	2	2	2	2	2	2	2	3	3	3
26.25°	2	2	2	2	2	2	2	3	3	3	3
25°	2	2	2	2	2	2	2	3	3	3	3
23.75°	2	2	2	2	2	2	2	3	3	3	3
22.5°	2	2	2	2	2	2	3	3	3	3	3
21.25°	2	2	2	2	2	2	3	3	3	3	3
20°	2	2	2	2	2	2	3	3	3	3	3
18.75°	2	2	2	2	2	2	3	3	3	3	3
17.5°	2	2	2	2	2	3	3	3	3	3	4
16.25°	2	2	2	2	2	3	3	3	3	3	4
15°	2	2	2	2	2	3	3	3	3	3	4
13.75°	2	2	2	2	2	3	3	3	3	3	4
12.5°	2	2	2	2	2	3	3	3	3	4	4
11.25°	2	2	2	2	2	3	3	3	3	4	4
10°	2	2	2	2	3	3	3	3	3	4	4
8.75°	2	2	2	2	3	3	3	3	3	4	4
7.5°	2	2	2	2	3	3	3	3	3	4	4
6.25°	2	2	2	2	3	3	3	3	3	4	4
5°	2	2	2	2	3	3	3	3	3	4	4
3.75°	2	2	2	2	3	3	3	3	3	4	4
2.5°	2	2	2	2	3	3	3	3	3	4	4
1.25°	2	2	2	2	3	3	3	3	3	4	4
0°	2	2	2	2	3	3	3	3	4	4	4
-1.25°	2	2	2	2	3	3	3	3	3	4	4
-2.5°	2	2	2	2	3	3	3	3	3	4	4
-3.75°	2	2	2	2	3	3	3	3	3	4	4
-5°	2	2	2	2	3	3	3	3	3	4	4
-6.25°	2	2	2	2	3	3	3	3	3	4	4
-7.5°	2	2	2	2	3	3	3	3	3	4	4
-8.75°	2	2	2	2	3	3	3	3	3	4	4
-10°	2	2	2	2	3	3	3	3	3	4	4
-11.25°	2	2	2	2	2	3	3	3	3	4	4
-12.5°	2	2	2	2	2	3	3	3	3	4	4
-13.75°	2	2	2	2	2	3	3	3	3	3	4
-15°	2	2	2	2	2	3	3	3	3	3	4
-16.25°	2	2	2	2	2	3	3	3	3	3	4
-17.5°	2	2	2	2	2	3	3	3	3	3	4
-18.75°	2	2	2	2	2	2	3	3	3	3	3
-20°	2	2	2	2	2	2	3	3	3	3	3
-21.25°	2	2	2	2	2	2	3	3	3	3	3



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	2	2	2	2	2	3	3	3	3	3
-23.75°	2	2	2	2	2	2	2	3	3	3	3
-25°	2	2	2	2	2	2	2	3	3	3	3
-26.25°	2	2	2	2	2	2	2	3	3	3	3
-27.5°	2	2	2	2	2	2	2	2	3	3	3
-28.75°	2	2	2	2	2	2	2	2	3	3	3
-30°	1	2	2	2	2	2	2	2	2	3	3
-31.25°	1	2	2	2	2	2	2	2	2	3	3
-32.5°	1	2	2	2	2	2	2	2	2	2	3
-33.75°	1	1	2	2	2	2	2	2	2	2	3
-35°	1	1	2	2	2	2	2	2	2	2	2
-36.25°	1	1	2	2	2	2	2	2	2	2	2
-37.5°	1	1	1	2	2	2	2	2	2	2	2
-38.75°	1	1	1	2	2	2	2	2	2	2	2
-40°	1	1	1	1	2	2	2	2	2	2	2
-41.25°	1	1	1	1	2	2	2	2	2	2	2
-42.5°	1	1	1	1	1	2	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	2	2	2	2
-45°	1	1	1	1	1	1	2	2	2	2	2
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	1	1	1	1	1	1	1	1	1	2	2
-50°	1	1	1	1	1	1	1	1	1	1	2
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	0	1	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	1	1	1	1	1	1	1	1
-70°	0	0	0	0	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	1	1	1
75°	0	0	0	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	2
58.75°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	2	2	2	2	2
56.25°	1	1	1	1	1	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	2	2	2	2	2	2	2	2	2
52.5°	1	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	3
47.5°	2	2	2	2	2	2	2	2	2	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	3
45°	2	2	2	2	2	2	3	3	3	3	3
43.75°	2	2	2	2	2	3	3	3	3	3	3
42.5°	2	2	2	2	3	3	3	3	3	3	3
41.25°	2	2	2	3	3	3	3	3	3	3	3
40°	2	2	3	3	3	3	3	3	3	3	4
38.75°	2	2	3	3	3	3	3	3	3	4	4
37.5°	2	3	3	3	3	3	3	3	4	4	4
36.25°	3	3	3	3	3	3	3	4	4	4	4
35°	3	3	3	3	3	3	4	4	4	4	4



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	3	3	3	3	3	4	4	4	4	4	5
32.5°	3	3	3	3	4	4	4	4	4	5	5
31.25°	3	3	3	3	4	4	4	4	5	5	5
30°	3	3	3	4	4	4	4	4	5	5	5
28.75°	3	3	3	4	4	4	4	5	5	5	5
27.5°	3	3	4	4	4	4	5	5	5	5	6
26.25°	3	3	4	4	4	4	5	5	5	5	6
25°	3	4	4	4	4	5	5	5	5	6	6
23.75°	3	4	4	4	4	5	5	5	5	6	7
22.5°	4	4	4	4	5	5	5	5	6	6	8
21.25°	4	4	4	4	5	5	5	5	6	7	10
20°	4	4	4	4	5	5	5	6	6	8	11
18.75°	4	4	4	5	5	5	5	6	7	9	12
17.5°	4	4	4	5	5	5	6	6	8	11	13
16.25°	4	4	4	5	5	5	6	6	9	12	14
15°	4	4	5	5	5	5	6	7	10	13	15
13.75°	4	4	5	5	5	6	6	8	11	14	16
12.5°	4	4	5	5	5	6	6	9	12	14	17
11.25°	4	4	5	5	5	6	7	9	12	15	18
10°	4	5	5	5	5	6	7	10	13	16	18
8.75°	4	5	5	5	5	6	8	11	14	16	19
7.5°	4	5	5	5	6	6	8	11	14	17	20
6.25°	4	5	5	5	6	6	9	12	14	17	21
5°	4	5	5	5	6	6	9	12	15	18	21
3.75°	4	5	5	5	6	6	9	12	15	18	21
2.5°	4	5	5	5	6	6	9	12	15	18	22
1.25°	4	5	5	5	6	6	10	13	15	18	22
0°	4	5	5	5	6	7	10	13	15	18	22
-1.25°	4	5	5	5	6	6	10	13	15	18	22
-2.5°	4	5	5	5	6	6	9	12	15	18	22
-3.75°	4	5	5	5	6	6	9	12	15	18	21
-5°	4	5	5	5	6	6	9	12	15	18	21
-6.25°	4	5	5	5	6	6	9	12	14	17	21
-7.5°	4	5	5	5	6	6	8	11	14	17	20
-8.75°	4	5	5	5	5	6	8	11	14	16	19
-10°	4	5	5	5	5	6	7	10	13	16	18
-11.25°	4	4	5	5	5	6	7	9	12	15	18
-12.5°	4	4	5	5	5	6	6	9	12	14	17
-13.75°	4	4	5	5	5	6	6	8	11	14	16
-15°	4	4	5	5	5	5	6	7	10	13	15
-16.25°	4	4	4	5	5	5	6	6	9	12	14
-17.5°	4	4	4	5	5	5	6	6	8	11	13
-18.75°	4	4	4	5	5	5	5	6	7	9	12
-20°	4	4	4	4	5	5	5	6	6	8	11
-21.25°	4	4	4	4	5	5	5	5	6	7	10



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	4	4	5	5	5	5	6	6	8
-23.75°	3	4	4	4	4	5	5	5	5	6	7
-25°	3	4	4	4	4	5	5	5	5	6	6
-26.25°	3	3	4	4	4	4	5	5	5	5	6
-27.5°	3	3	4	4	4	4	5	5	5	5	6
-28.75°	3	3	3	4	4	4	4	5	5	5	5
-30°	3	3	3	4	4	4	4	4	5	5	5
-31.25°	3	3	3	3	4	4	4	4	5	5	5
-32.5°	3	3	3	3	4	4	4	4	4	5	5
-33.75°	3	3	3	3	3	4	4	4	4	4	5
-35°	3	3	3	3	3	3	4	4	4	4	4
-36.25°	3	3	3	3	3	3	3	4	4	4	4
-37.5°	2	3	3	3	3	3	3	3	4	4	4
-38.75°	2	2	3	3	3	3	3	3	3	4	4
-40°	2	2	3	3	3	3	3	3	3	3	4
-41.25°	2	2	2	3	3	3	3	3	3	3	3
-42.5°	2	2	2	2	3	3	3	3	3	3	3
-43.75°	2	2	2	2	2	3	3	3	3	3	3
-45°	2	2	2	2	2	2	3	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	2	2	2	2	2	2	2	2	2	3	3
-48.75°	2	2	2	2	2	2	2	2	2	2	3
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	1	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	2	2	2	2	2	2	2	2	2
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-58.75°	1	1	1	1	1	1	1	1	2	2	2
-60°	1	1	1	1	1	1	1	1	1	1	2
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	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°	0	0	0	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	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	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	3
53.75°	2	2	2	2	2	2	2	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	4
47.5°	3	3	3	3	3	3	3	3	4	4	4
46.25°	3	3	3	3	3	3	4	4	4	4	4
45°	3	3	3	3	4	4	4	4	4	4	4
43.75°	3	3	4	4	4	4	4	4	4	4	5
42.5°	3	4	4	4	4	4	4	4	5	5	5
41.25°	4	4	4	4	4	4	5	5	5	5	5
40°	4	4	4	4	4	5	5	5	5	5	5
38.75°	4	4	4	5	5	5	5	5	5	5	6
37.5°	4	4	5	5	5	5	5	5	6	6	6
36.25°	4	5	5	5	5	5	6	6	6	7	8
35°	5	5	5	5	5	6	6	6	8	9	11



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	5	5	5	6	6	7	8	10	12	13
32.5°	5	5	5	6	6	7	9	11	12	14	15
31.25°	5	5	6	6	7	9	11	13	14	16	17
30°	5	6	6	7	9	11	13	15	16	18	20
28.75°	6	6	7	9	11	13	15	17	19	21	23
27.5°	6	7	9	11	13	15	17	19	21	23	26
26.25°	6	8	11	13	15	17	19	21	24	27	35
25°	8	10	12	14	16	19	21	24	28	36	45
23.75°	9	12	14	16	18	21	23	27	36	45	60
22.5°	11	13	15	17	20	23	26	35	45	60	91
21.25°	12	14	17	19	22	25	33	43	56	89	121
20°	13	16	18	21	24	30	41	51	83	117	153
18.75°	15	17	20	23	27	37	47	74	110	145	189
17.5°	16	18	21	24	33	43	61	98	135	179	224
16.25°	17	20	23	27	38	49	83	121	163	211	259
15°	18	21	24	32	44	65	104	143	192	242	291
13.75°	19	22	26	37	49	83	123	169	220	271	319
12.5°	20	23	30	42	59	100	141	193	246	298	344
11.25°	21	25	34	46	74	116	162	216	270	321	366
10°	22	26	37	50	88	131	182	237	292	341	382
8.75°	23	28	41	57	100	144	199	256	310	358	397
7.5°	24	31	43	68	111	159	215	272	326	372	406
6.25°	24	33	46	76	120	171	228	286	338	382	414
5°	25	35	48	83	128	181	239	297	349	391	420
3.75°	25	37	49	89	134	189	248	305	357	398	425
2.5°	25	38	50	93	138	195	254	311	362	401	429
1.25°	26	38	51	96	141	198	258	315	366	403	431
0°	26	38	51	96	141	198	258	315	366	403	431
-1.25°	26	38	51	96	141	198	258	315	366	403	431
-2.5°	25	38	50	93	138	195	254	311	362	401	429
-3.75°	25	37	49	89	134	189	248	305	357	398	425
-5°	25	35	48	83	128	181	239	297	349	391	420
-6.25°	24	33	46	76	120	171	228	286	338	382	414
-7.5°	24	31	43	68	111	159	215	272	326	372	406
-8.75°	23	28	41	57	100	144	199	256	310	358	397
-10°	22	26	37	50	88	131	182	237	292	341	382
-11.25°	21	25	34	46	74	116	162	216	270	321	366
-12.5°	20	23	30	42	59	100	141	193	246	298	344
-13.75°	19	22	26	37	49	83	123	169	220	271	319
-15°	18	21	24	32	44	65	104	143	192	242	291
-16.25°	17	20	23	27	38	49	83	121	163	211	259
-17.5°	16	18	21	24	33	43	61	98	135	179	224
-18.75°	15	17	20	23	27	37	47	74	110	145	189
-20°	13	16	18	21	24	30	41	51	83	117	153
-21.25°	12	14	17	19	22	25	33	43	56	89	121



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	11	13	15	17	20	23	26	35	45	60	91
-23.75°	9	12	14	16	18	21	23	27	36	45	60
-25°	8	10	12	14	16	19	21	24	28	36	45
-26.25°	6	8	11	13	15	17	19	21	24	27	35
-27.5°	6	7	9	11	13	15	17	19	21	23	26
-28.75°	6	6	7	9	11	13	15	17	19	21	23
-30°	5	6	6	7	9	11	13	15	16	18	20
-31.25°	5	5	6	6	7	9	11	13	14	16	17
-32.5°	5	5	5	6	6	7	9	11	12	14	15
-33.75°	5	5	5	5	6	6	7	8	10	12	13
-35°	5	5	5	5	5	6	6	6	8	9	11
-36.25°	4	5	5	5	5	5	6	6	6	7	8
-37.5°	4	4	5	5	5	5	5	5	6	6	6
-38.75°	4	4	4	5	5	5	5	5	5	5	6
-40°	4	4	4	4	4	5	5	5	5	5	5
-41.25°	4	4	4	4	4	4	5	5	5	5	5
-42.5°	3	4	4	4	4	4	4	4	5	5	5
-43.75°	3	3	4	4	4	4	4	4	4	4	5
-45°	3	3	3	3	4	4	4	4	4	4	4
-46.25°	3	3	3	3	3	3	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	3	4	4	4
-48.75°	3	3	3	3	3	3	3	3	3	3	4
-50°	2	3	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	3	3	3	3
-55°	2	2	2	2	2	2	2	2	2	2	3
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	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	1	1	2	2
-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	1
-77.5°	0	0	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	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	1
65°	1	1	1	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	3	3
56.25°	2	2	2	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	5	5
46.25°	4	4	4	4	4	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	6	6	6	6	6
41.25°	5	5	5	6	6	6	6	6	7	7	8
40°	5	6	6	6	6	7	8	9	9	10	11
38.75°	6	6	7	8	9	10	11	12	12	13	14
37.5°	7	8	9	11	12	13	14	14	15	16	16
36.25°	10	11	12	13	14	15	16	17	18	18	19
35°	12	13	15	16	17	18	19	20	21	22	23



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	14	16	17	18	20	21	22	23	25	26	28
32.5°	17	18	20	21	23	24	26	30	34	37	41
31.25°	19	21	23	24	27	32	37	42	46	50	57
30°	22	24	27	33	38	44	49	59	74	88	100
28.75°	25	30	37	43	49	65	83	100	116	131	144
27.5°	33	41	47	61	83	104	123	141	162	182	199
26.25°	43	51	74	98	121	143	169	193	216	237	256
25°	56	83	110	135	163	192	220	246	270	292	310
23.75°	89	117	145	179	211	242	271	298	321	341	358
22.5°	121	153	189	224	259	291	319	344	366	382	397
21.25°	155	194	233	270	304	335	362	383	400	412	423
20°	194	235	276	312	345	373	395	411	424	437	450
18.75°	233	276	315	350	379	402	418	434	450	469	490
17.5°	270	312	350	381	405	423	440	462	487	514	545
16.25°	304	345	379	405	425	444	469	500	535	573	619
15°	335	373	402	423	444	471	507	549	598	653	714
13.75°	362	395	418	440	469	507	554	611	678	750	834
12.5°	383	411	434	462	500	549	611	686	773	870	970
11.25°	400	424	450	487	535	598	678	773	884	998	1121
10°	412	437	469	514	573	653	750	870	998	1139	1279
8.75°	423	450	490	545	619	714	834	970	1121	1279	1440
7.5°	432	465	511	574	663	776	915	1070	1240	1417	1597
6.25°	440	478	532	608	708	838	989	1163	1350	1546	1743
5°	449	492	552	636	746	893	1060	1248	1450	1661	1872
3.75°	456	503	567	660	784	939	1117	1315	1532	1756	1978
2.5°	462	511	580	680	812	972	1160	1369	1594	1827	2058
1.25°	465	515	589	692	829	993	1188	1402	1633	1871	2106
0°	466	517	592	696	835	999	1197	1413	1645	1886	2123
-1.25°	465	515	589	692	829	993	1188	1402	1633	1871	2106
-2.5°	462	511	580	680	812	972	1160	1369	1594	1827	2058
-3.75°	456	503	567	660	784	939	1117	1315	1532	1756	1978
-5°	449	492	552	636	746	893	1060	1248	1450	1661	1872
-6.25°	440	478	532	608	708	838	989	1163	1350	1546	1743
-7.5°	432	465	511	574	663	776	915	1070	1240	1417	1597
-8.75°	423	450	490	545	619	714	834	970	1121	1279	1440
-10°	412	437	469	514	573	653	750	870	998	1139	1279
-11.25°	400	424	450	487	535	598	678	773	884	998	1121
-12.5°	383	411	434	462	500	549	611	686	773	870	970
-13.75°	362	395	418	440	469	507	554	611	678	750	834
-15°	335	373	402	423	444	471	507	549	598	653	714
-16.25°	304	345	379	405	425	444	469	500	535	573	619
-17.5°	270	312	350	381	405	423	440	462	487	514	545
-18.75°	233	276	315	350	379	402	418	434	450	469	490
-20°	194	235	276	312	345	373	395	411	424	437	450
-21.25°	155	194	233	270	304	335	362	383	400	412	423



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	121	153	189	224	259	291	319	344	366	382	397
-23.75°	89	117	145	179	211	242	271	298	321	341	358
-25°	56	83	110	135	163	192	220	246	270	292	310
-26.25°	43	51	74	98	121	143	169	193	216	237	256
-27.5°	33	41	47	61	83	104	123	141	162	182	199
-28.75°	25	30	37	43	49	65	83	100	116	131	144
-30°	22	24	27	33	38	44	49	59	74	88	100
-31.25°	19	21	23	24	27	32	37	42	46	50	57
-32.5°	17	18	20	21	23	24	26	30	34	37	41
-33.75°	14	16	17	18	20	21	22	23	25	26	28
-35°	12	13	15	16	17	18	19	20	21	22	23
-36.25°	10	11	12	13	14	15	16	17	18	18	19
-37.5°	7	8	9	11	12	13	14	14	15	16	16
-38.75°	6	6	7	8	9	10	11	12	12	13	14
-40°	5	6	6	6	6	7	8	9	9	10	11
-41.25°	5	5	5	6	6	6	6	6	7	7	8
-42.5°	5	5	5	5	5	5	6	6	6	6	6
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	4	4	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	3	3	3	4	4	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	3	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	3	3
-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°	1	1	1	2	2	2	2	2	2	2	2
-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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	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	2	1	1	1	1
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	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	4	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	7	6	6	6	6
41.25°	8	9	9	9	9	10	10	10	9	9	9
40°	11	12	12	12	12	13	13	13	12	12	12
38.75°	14	14	15	15	15	15	15	15	15	15	15
37.5°	17	17	18	18	18	18	18	18	18	18	18
36.25°	20	21	21	21	22	22	22	22	22	21	21
35°	24	24	25	25	25	26	26	26	25	25	25



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	31	33	35	37	38	38	38	38	38	37	35
32.5°	43	46	48	49	50	51	51	51	50	49	48
31.25°	68	76	83	89	93	96	96	96	93	89	83
30°	111	120	128	134	138	141	142	141	138	134	128
28.75°	159	171	181	189	195	198	199	198	195	189	181
27.5°	215	228	239	248	254	258	259	258	254	248	239
26.25°	272	286	297	305	311	315	316	315	311	305	297
25°	326	338	349	357	362	366	367	366	362	357	349
23.75°	372	382	391	398	401	403	404	403	401	398	391
22.5°	406	414	420	425	429	431	432	431	429	425	420
21.25°	432	440	449	456	462	465	466	465	462	456	449
20°	465	478	492	503	511	515	517	515	511	503	492
18.75°	511	532	552	567	580	589	592	589	580	567	552
17.5°	574	608	636	660	680	692	696	692	680	660	636
16.25°	663	708	746	784	812	829	835	829	812	784	746
15°	776	838	893	939	972	993	999	993	972	939	893
13.75°	915	989	1060	1117	1160	1188	1197	1188	1160	1117	1060
12.5°	1070	1163	1248	1315	1369	1402	1413	1402	1369	1315	1248
11.25°	1240	1350	1450	1532	1594	1633	1645	1633	1594	1532	1450
10°	1417	1546	1661	1756	1827	1871	1886	1871	1827	1756	1661
8.75°	1597	1743	1872	1978	2058	2106	2123	2106	2058	1978	1872
7.5°	1772	1933	2075	2190	2276	2327	2344	2327	2276	2190	2075
6.25°	1933	2108	2261	2380	2468	2520	2538	2520	2468	2380	2261
5°	2075	2261	2417	2539	2626	2680	2699	2680	2626	2539	2417
3.75°	2190	2380	2539	2661	2749	2805	2822	2805	2749	2661	2539
2.5°	2276	2468	2626	2749	2840	2894	2908	2894	2840	2749	2626
1.25°	2327	2520	2680	2805	2894	2939	2955	2939	2894	2805	2680
0°	2344	2538	2699	2822	2908	2955	2981	2955	2908	2822	2699
-1.25°	2327	2520	2680	2805	2894	2939	2955	2939	2894	2805	2680
-2.5°	2276	2468	2626	2749	2840	2894	2908	2894	2840	2749	2626
-3.75°	2190	2380	2539	2661	2749	2805	2822	2805	2749	2661	2539
-5°	2075	2261	2417	2539	2626	2680	2699	2680	2626	2539	2417
-6.25°	1933	2108	2261	2380	2468	2520	2538	2520	2468	2380	2261
-7.5°	1772	1933	2075	2190	2276	2327	2344	2327	2276	2190	2075
-8.75°	1597	1743	1872	1978	2058	2106	2123	2106	2058	1978	1872
-10°	1417	1546	1661	1756	1827	1871	1886	1871	1827	1756	1661
-11.25°	1240	1350	1450	1532	1594	1633	1645	1633	1594	1532	1450
-12.5°	1070	1163	1248	1315	1369	1402	1413	1402	1369	1315	1248
-13.75°	915	989	1060	1117	1160	1188	1197	1188	1160	1117	1060
-15°	776	838	893	939	972	993	999	993	972	939	893
-16.25°	663	708	746	784	812	829	835	829	812	784	746
-17.5°	574	608	636	660	680	692	696	692	680	660	636
-18.75°	511	532	552	567	580	589	592	589	580	567	552
-20°	465	478	492	503	511	515	517	515	511	503	492
-21.25°	432	440	449	456	462	465	466	465	462	456	449



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	406	414	420	425	429	431	432	431	429	425	420
-23.75°	372	382	391	398	401	403	404	403	401	398	391
-25°	326	338	349	357	362	366	367	366	362	357	349
-26.25°	272	286	297	305	311	315	316	315	311	305	297
-27.5°	215	228	239	248	254	258	259	258	254	248	239
-28.75°	159	171	181	189	195	198	199	198	195	189	181
-30°	111	120	128	134	138	141	142	141	138	134	128
-31.25°	68	76	83	89	93	96	96	96	93	89	83
-32.5°	43	46	48	49	50	51	51	51	50	49	48
-33.75°	31	33	35	37	38	38	38	38	38	37	35
-35°	24	24	25	25	25	26	26	26	25	25	25
-36.25°	20	21	21	21	22	22	22	22	22	21	21
-37.5°	17	17	18	18	18	18	18	18	18	18	18
-38.75°	14	14	15	15	15	15	15	15	15	15	15
-40°	11	12	12	12	12	13	13	13	12	12	12
-41.25°	8	9	9	9	9	10	10	10	9	9	9
-42.5°	6	6	6	6	6	6	7	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	4	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-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	1	1	1	1	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	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	1
65°	2	2	2	2	2	2	2	2	2	2	1
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	3	3	3	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	4	3
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	4	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	6	6	5	5	5	5
41.25°	9	8	8	7	7	6	6	6	6	6	5
40°	12	11	11	10	9	9	8	7	6	6	6
38.75°	14	14	14	13	12	12	11	10	9	8	7
37.5°	17	17	16	16	15	14	14	13	12	11	9
36.25°	21	20	19	18	18	17	16	15	14	13	12
35°	24	24	23	22	21	20	19	18	17	16	15



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	33	31	28	26	25	23	22	21	20	18	17
32.5°	46	43	41	37	34	30	26	24	23	21	20
31.25°	76	68	57	50	46	42	37	32	27	24	23
30°	120	111	100	88	74	59	49	44	38	33	27
28.75°	171	159	144	131	116	100	83	65	49	43	37
27.5°	228	215	199	182	162	141	123	104	83	61	47
26.25°	286	272	256	237	216	193	169	143	121	98	74
25°	338	326	310	292	270	246	220	192	163	135	110
23.75°	382	372	358	341	321	298	271	242	211	179	145
22.5°	414	406	397	382	366	344	319	291	259	224	189
21.25°	440	432	423	412	400	383	362	335	304	270	233
20°	478	465	450	437	424	411	395	373	345	312	276
18.75°	532	511	490	469	450	434	418	402	379	350	315
17.5°	608	574	545	514	487	462	440	423	405	381	350
16.25°	708	663	619	573	535	500	469	444	425	405	379
15°	838	776	714	653	598	549	507	471	444	423	402
13.75°	989	915	834	750	678	611	554	507	469	440	418
12.5°	1163	1070	970	870	773	686	611	549	500	462	434
11.25°	1350	1240	1121	998	884	773	678	598	535	487	450
10°	1546	1417	1279	1139	998	870	750	653	573	514	469
8.75°	1743	1597	1440	1279	1121	970	834	714	619	545	490
7.5°	1933	1772	1597	1417	1240	1070	915	776	663	574	511
6.25°	2108	1933	1743	1546	1350	1163	989	838	708	608	532
5°	2261	2075	1872	1661	1450	1248	1060	893	746	636	552
3.75°	2380	2190	1978	1756	1532	1315	1117	939	784	660	567
2.5°	2468	2276	2058	1827	1594	1369	1160	972	812	680	580
1.25°	2520	2327	2106	1871	1633	1402	1188	993	829	692	589
0°	2538	2344	2123	1886	1645	1413	1197	999	835	696	592
-1.25°	2520	2327	2106	1871	1633	1402	1188	993	829	692	589
-2.5°	2468	2276	2058	1827	1594	1369	1160	972	812	680	580
-3.75°	2380	2190	1978	1756	1532	1315	1117	939	784	660	567
-5°	2261	2075	1872	1661	1450	1248	1060	893	746	636	552
-6.25°	2108	1933	1743	1546	1350	1163	989	838	708	608	532
-7.5°	1933	1772	1597	1417	1240	1070	915	776	663	574	511
-8.75°	1743	1597	1440	1279	1121	970	834	714	619	545	490
-10°	1546	1417	1279	1139	998	870	750	653	573	514	469
-11.25°	1350	1240	1121	998	884	773	678	598	535	487	450
-12.5°	1163	1070	970	870	773	686	611	549	500	462	434
-13.75°	989	915	834	750	678	611	554	507	469	440	418
-15°	838	776	714	653	598	549	507	471	444	423	402
-16.25°	708	663	619	573	535	500	469	444	425	405	379
-17.5°	608	574	545	514	487	462	440	423	405	381	350
-18.75°	532	511	490	469	450	434	418	402	379	350	315
-20°	478	465	450	437	424	411	395	373	345	312	276
-21.25°	440	432	423	412	400	383	362	335	304	270	233



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	414	406	397	382	366	344	319	291	259	224	189
-23.75°	382	372	358	341	321	298	271	242	211	179	145
-25°	338	326	310	292	270	246	220	192	163	135	110
-26.25°	286	272	256	237	216	193	169	143	121	98	74
-27.5°	228	215	199	182	162	141	123	104	83	61	47
-28.75°	171	159	144	131	116	100	83	65	49	43	37
-30°	120	111	100	88	74	59	49	44	38	33	27
-31.25°	76	68	57	50	46	42	37	32	27	24	23
-32.5°	46	43	41	37	34	30	26	24	23	21	20
-33.75°	33	31	28	26	25	23	22	21	20	18	17
-35°	24	24	23	22	21	20	19	18	17	16	15
-36.25°	21	20	19	18	18	17	16	15	14	13	12
-37.5°	17	17	16	16	15	14	14	13	12	11	9
-38.75°	14	14	14	13	12	12	11	10	9	8	7
-40°	12	11	11	10	9	9	8	7	6	6	6
-41.25°	9	8	8	7	7	6	6	6	6	6	5
-42.5°	6	6	6	6	6	6	6	5	5	5	5
-43.75°	6	6	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	4	4	4
-47.5°	5	5	5	5	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	3
-51.25°	4	4	4	4	4	4	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	2
-57.5°	3	3	3	3	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	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	1	0	0	0	0	0	0	0	0	0	0
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	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	1	1	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	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	3	3	3	2	2	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	2	2	2
51.25°	3	3	3	3	3	3	3	3	3	3	2
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	4	4	4	3	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	4	3	3	3	3
45°	4	4	4	4	4	4	4	4	4	3	3
43.75°	5	5	5	4	4	4	4	4	4	4	4
42.5°	5	5	5	5	5	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	5	4	4	4	4
40°	6	5	5	5	5	5	5	5	4	4	4
38.75°	6	6	6	5	5	5	5	5	5	5	4
37.5°	8	7	6	6	6	5	5	5	5	5	5
36.25°	11	10	8	7	6	6	6	5	5	5	5
35°	13	12	11	9	8	6	6	6	5	5	5



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	16	14	13	12	10	8	7	6	6	5	5
32.5°	18	17	15	14	12	11	9	7	6	6	5
31.25°	21	19	17	16	14	13	11	9	7	6	6
30°	24	22	20	18	16	15	13	11	9	7	6
28.75°	30	25	23	21	19	17	15	13	11	9	7
27.5°	41	33	26	23	21	19	17	15	13	11	9
26.25°	51	43	35	27	24	21	19	17	15	13	11
25°	83	56	45	36	28	24	21	19	16	14	12
23.75°	117	89	60	45	36	27	23	21	18	16	14
22.5°	153	121	91	60	45	35	26	23	20	17	15
21.25°	194	155	121	89	56	43	33	25	22	19	17
20°	235	194	153	117	83	51	41	30	24	21	18
18.75°	276	233	189	145	110	74	47	37	27	23	20
17.5°	312	270	224	179	135	98	61	43	33	24	21
16.25°	345	304	259	211	163	121	83	49	38	27	23
15°	373	335	291	242	192	143	104	65	44	32	24
13.75°	395	362	319	271	220	169	123	83	49	37	26
12.5°	411	383	344	298	246	193	141	100	59	42	30
11.25°	424	400	366	321	270	216	162	116	74	46	34
10°	437	412	382	341	292	237	182	131	88	50	37
8.75°	450	423	397	358	310	256	199	144	100	57	41
7.5°	465	432	406	372	326	272	215	159	111	68	43
6.25°	478	440	414	382	338	286	228	171	120	76	46
5°	492	449	420	391	349	297	239	181	128	83	48
3.75°	503	456	425	398	357	305	248	189	134	89	49
2.5°	511	462	429	401	362	311	254	195	138	93	50
1.25°	515	465	431	403	366	315	258	198	141	96	51
0°	517	466	432	404	367	316	259	199	142	96	51
-1.25°	515	465	431	403	366	315	258	198	141	96	51
-2.5°	511	462	429	401	362	311	254	195	138	93	50
-3.75°	503	456	425	398	357	305	248	189	134	89	49
-5°	492	449	420	391	349	297	239	181	128	83	48
-6.25°	478	440	414	382	338	286	228	171	120	76	46
-7.5°	465	432	406	372	326	272	215	159	111	68	43
-8.75°	450	423	397	358	310	256	199	144	100	57	41
-10°	437	412	382	341	292	237	182	131	88	50	37
-11.25°	424	400	366	321	270	216	162	116	74	46	34
-12.5°	411	383	344	298	246	193	141	100	59	42	30
-13.75°	395	362	319	271	220	169	123	83	49	37	26
-15°	373	335	291	242	192	143	104	65	44	32	24
-16.25°	345	304	259	211	163	121	83	49	38	27	23
-17.5°	312	270	224	179	135	98	61	43	33	24	21
-18.75°	276	233	189	145	110	74	47	37	27	23	20
-20°	235	194	153	117	83	51	41	30	24	21	18
-21.25°	194	155	121	89	56	43	33	25	22	19	17



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	153	121	91	60	45	35	26	23	20	17	15
-23.75°	117	89	60	45	36	27	23	21	18	16	14
-25°	83	56	45	36	28	24	21	19	16	14	12
-26.25°	51	43	35	27	24	21	19	17	15	13	11
-27.5°	41	33	26	23	21	19	17	15	13	11	9
-28.75°	30	25	23	21	19	17	15	13	11	9	7
-30°	24	22	20	18	16	15	13	11	9	7	6
-31.25°	21	19	17	16	14	13	11	9	7	6	6
-32.5°	18	17	15	14	12	11	9	7	6	6	5
-33.75°	16	14	13	12	10	8	7	6	6	5	5
-35°	13	12	11	9	8	6	6	6	5	5	5
-36.25°	11	10	8	7	6	6	6	5	5	5	5
-37.5°	8	7	6	6	6	5	5	5	5	5	5
-38.75°	6	6	6	5	5	5	5	5	5	5	4
-40°	6	5	5	5	5	5	5	5	4	4	4
-41.25°	5	5	5	5	5	5	5	4	4	4	4
-42.5°	5	5	5	5	5	4	4	4	4	4	4
-43.75°	5	5	5	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	3	3
-46.25°	4	4	4	4	4	4	4	3	3	3	3
-47.5°	4	4	4	4	4	3	3	3	3	3	3
-48.75°	4	4	4	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	2
-52.5°	3	3	3	3	3	3	3	3	2	2	2
-53.75°	3	3	3	3	3	3	2	2	2	2	2
-55°	3	3	3	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	1	0
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°	2	2	2	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	2	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	1	1	1	1
56.25°	2	2	2	2	2	2	2	2	1	1	1
55°	2	2	2	2	2	2	2	2	2	2	1
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	3	2	2	2	2	2	2	2	2	2	2
48.75°	3	3	3	2	2	2	2	2	2	2	2
47.5°	3	3	3	3	2	2	2	2	2	2	2
46.25°	3	3	3	3	3	3	2	2	2	2	2
45°	3	3	3	3	3	3	3	2	2	2	2
43.75°	3	3	3	3	3	3	3	3	2	2	2
42.5°	4	3	3	3	3	3	3	3	3	2	2
41.25°	4	4	3	3	3	3	3	3	3	3	2
40°	4	4	4	3	3	3	3	3	3	3	3
38.75°	4	4	4	4	3	3	3	3	3	3	3
37.5°	4	4	4	4	4	3	3	3	3	3	3
36.25°	5	4	4	4	4	4	3	3	3	3	3
35°	5	5	4	4	4	4	4	3	3	3	3



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	5	5	5	4	4	4	4	4	3	3	3
32.5°	5	5	5	5	4	4	4	4	4	3	3
31.25°	5	5	5	5	5	4	4	4	4	3	3
30°	6	5	5	5	5	4	4	4	4	4	3
28.75°	6	6	5	5	5	5	4	4	4	4	3
27.5°	7	6	6	5	5	5	5	4	4	4	4
26.25°	8	6	6	5	5	5	5	4	4	4	4
25°	10	8	6	6	5	5	5	5	4	4	4
23.75°	12	9	7	6	5	5	5	5	4	4	4
22.5°	13	11	8	6	6	5	5	5	5	4	4
21.25°	14	12	10	7	6	5	5	5	5	4	4
20°	16	13	11	8	6	6	5	5	5	4	4
18.75°	17	15	12	9	7	6	5	5	5	5	4
17.5°	18	16	13	11	8	6	6	5	5	5	4
16.25°	20	17	14	12	9	6	6	5	5	5	4
15°	21	18	15	13	10	7	6	5	5	5	5
13.75°	22	19	16	14	11	8	6	6	5	5	5
12.5°	23	20	17	14	12	9	6	6	5	5	5
11.25°	25	21	18	15	12	9	7	6	5	5	5
10°	26	22	18	16	13	10	7	6	5	5	5
8.75°	28	23	19	16	14	11	8	6	5	5	5
7.5°	31	24	20	17	14	11	8	6	6	5	5
6.25°	33	24	21	17	14	12	9	6	6	5	5
5°	35	25	21	18	15	12	9	6	6	5	5
3.75°	37	25	21	18	15	12	9	6	6	5	5
2.5°	38	25	22	18	15	12	9	6	6	5	5
1.25°	38	26	22	18	15	13	10	6	6	5	5
0°	38	26	22	18	15	13	10	7	6	5	5
-1.25°	38	26	22	18	15	13	10	6	6	5	5
-2.5°	38	25	22	18	15	12	9	6	6	5	5
-3.75°	37	25	21	18	15	12	9	6	6	5	5
-5°	35	25	21	18	15	12	9	6	6	5	5
-6.25°	33	24	21	17	14	12	9	6	6	5	5
-7.5°	31	24	20	17	14	11	8	6	6	5	5
-8.75°	28	23	19	16	14	11	8	6	5	5	5
-10°	26	22	18	16	13	10	7	6	5	5	5
-11.25°	25	21	18	15	12	9	7	6	5	5	5
-12.5°	23	20	17	14	12	9	6	6	5	5	5
-13.75°	22	19	16	14	11	8	6	6	5	5	5
-15°	21	18	15	13	10	7	6	5	5	5	5
-16.25°	20	17	14	12	9	6	6	5	5	5	4
-17.5°	18	16	13	11	8	6	6	5	5	5	4
-18.75°	17	15	12	9	7	6	5	5	5	5	4
-20°	16	13	11	8	6	6	5	5	5	4	4
-21.25°	14	12	10	7	6	5	5	5	5	4	4



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	13	11	8	6	6	5	5	5	5	4	4
-23.75°	12	9	7	6	5	5	5	5	4	4	4
-25°	10	8	6	6	5	5	5	5	4	4	4
-26.25°	8	6	6	5	5	5	5	4	4	4	4
-27.5°	7	6	6	5	5	5	5	4	4	4	4
-28.75°	6	6	5	5	5	5	4	4	4	4	3
-30°	6	5	5	5	5	4	4	4	4	4	3
-31.25°	5	5	5	5	5	4	4	4	4	3	3
-32.5°	5	5	5	5	4	4	4	4	4	3	3
-33.75°	5	5	5	4	4	4	4	4	3	3	3
-35°	5	5	4	4	4	4	4	3	3	3	3
-36.25°	5	4	4	4	4	4	3	3	3	3	3
-37.5°	4	4	4	4	4	3	3	3	3	3	3
-38.75°	4	4	4	4	3	3	3	3	3	3	3
-40°	4	4	4	3	3	3	3	3	3	3	3
-41.25°	4	4	3	3	3	3	3	3	3	3	2
-42.5°	4	3	3	3	3	3	3	3	3	2	2
-43.75°	3	3	3	3	3	3	3	3	2	2	2
-45°	3	3	3	3	3	3	3	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	2	2	2	2	2	2	2
-48.75°	3	3	3	2	2	2	2	2	2	2	2
-50°	3	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	1
-56.25°	2	2	2	2	2	2	2	2	1	1	1
-57.5°	2	2	2	2	2	2	2	1	1	1	1
-58.75°	2	2	2	2	2	1	1	1	1	1	1
-60°	2	2	2	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	0
-76.25°	1	1	1	1	1	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	3	3	3	2	2	2	2	2	2	2	2
32.5°	3	3	3	2	2	2	2	2	2	2	2
31.25°	3	3	3	3	2	2	2	2	2	2	2
30°	3	3	3	3	2	2	2	2	2	2	2
28.75°	3	3	3	3	3	2	2	2	2	2	2
27.5°	3	3	3	3	3	2	2	2	2	2	2
26.25°	3	3	3	3	3	3	2	2	2	2	2
25°	4	3	3	3	3	3	2	2	2	2	2
23.75°	4	3	3	3	3	3	2	2	2	2	2
22.5°	4	4	3	3	3	3	3	2	2	2	2
21.25°	4	4	3	3	3	3	3	2	2	2	2
20°	4	4	3	3	3	3	3	2	2	2	2
18.75°	4	4	3	3	3	3	3	2	2	2	2
17.5°	4	4	4	3	3	3	3	3	2	2	2
16.25°	4	4	4	3	3	3	3	3	2	2	2
15°	4	4	4	3	3	3	3	3	2	2	2
13.75°	4	4	4	3	3	3	3	3	2	2	2
12.5°	4	4	4	4	3	3	3	3	2	2	2
11.25°	4	4	4	4	3	3	3	3	2	2	2
10°	5	4	4	4	3	3	3	3	3	2	2
8.75°	5	4	4	4	3	3	3	3	3	2	2
7.5°	5	4	4	4	3	3	3	3	3	2	2
6.25°	5	4	4	4	3	3	3	3	3	2	2
5°	5	4	4	4	3	3	3	3	3	2	2
3.75°	5	4	4	4	3	3	3	3	3	2	2
2.5°	5	4	4	4	3	3	3	3	3	2	2
1.25°	5	4	4	4	3	3	3	3	3	2	2
0°	5	4	4	4	4	3	3	3	3	2	2
-1.25°	5	4	4	4	3	3	3	3	3	2	2
-2.5°	5	4	4	4	3	3	3	3	3	2	2
-3.75°	5	4	4	4	3	3	3	3	3	2	2
-5°	5	4	4	4	3	3	3	3	3	2	2
-6.25°	5	4	4	4	3	3	3	3	3	2	2
-7.5°	5	4	4	4	3	3	3	3	3	2	2
-8.75°	5	4	4	4	3	3	3	3	3	2	2
-10°	5	4	4	4	3	3	3	3	3	2	2
-11.25°	4	4	4	4	3	3	3	3	2	2	2
-12.5°	4	4	4	4	3	3	3	3	2	2	2
-13.75°	4	4	4	3	3	3	3	3	2	2	2
-15°	4	4	4	3	3	3	3	3	2	2	2
-16.25°	4	4	4	3	3	3	3	3	2	2	2
-17.5°	4	4	4	3	3	3	3	3	2	2	2
-18.75°	4	4	3	3	3	3	3	2	2	2	2
-20°	4	4	3	3	3	3	3	2	2	2	2
-21.25°	4	4	3	3	3	3	3	2	2	2	2



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	3	3	3	3	3	2	2	2	2
-23.75°	4	3	3	3	3	3	2	2	2	2	2
-25°	4	3	3	3	3	3	2	2	2	2	2
-26.25°	3	3	3	3	3	3	2	2	2	2	2
-27.5°	3	3	3	3	3	2	2	2	2	2	2
-28.75°	3	3	3	3	3	2	2	2	2	2	2
-30°	3	3	3	3	2	2	2	2	2	2	2
-31.25°	3	3	3	3	2	2	2	2	2	2	2
-32.5°	3	3	3	2	2	2	2	2	2	2	2
-33.75°	3	3	3	2	2	2	2	2	2	2	2
-35°	3	3	2	2	2	2	2	2	2	2	2
-36.25°	3	3	2	2	2	2	2	2	2	2	2
-37.5°	3	2	2	2	2	2	2	2	2	2	1
-38.75°	2	2	2	2	2	2	2	2	2	2	1
-40°	2	2	2	2	2	2	2	2	2	1	1
-41.25°	2	2	2	2	2	2	2	2	2	1	1
-42.5°	2	2	2	2	2	2	2	2	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	2	1	1	1	1
-46.25°	2	2	2	2	2	2	1	1	1	1	1
-47.5°	2	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	1	1	1	1	1	1	1
-50°	2	2	2	1	1	1	1	1	1	1	1
-51.25°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	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	0
-70°	1	1	1	1	1	1	1	1	1	0	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	0	0	0	0	0	0
-73.75°	1	1	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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	2	2	1	1	1	1	1	1	1	1
-23.75°	2	2	2	1	1	1	1	1	1	1	1
-25°	2	2	1	1	1	1	1	1	1	1	1
-26.25°	2	2	1	1	1	1	1	1	1	1	1
-27.5°	2	2	1	1	1	1	1	1	1	1	1
-28.75°	2	2	1	1	1	1	1	1	1	1	1
-30°	2	1	1	1	1	1	1	1	1	1	1
-31.25°	2	1	1	1	1	1	1	1	1	1	1
-32.5°	2	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	0
-51.25°	1	1	1	1	1	1	1	1	1	1	0
-52.5°	1	1	1	1	1	1	1	1	1	1	0
-53.75°	1	1	1	1	1	1	1	1	1	0	0
-55°	1	1	1	1	1	1	1	1	1	0	0
-56.25°	1	1	1	1	1	1	1	1	0	0	0
-57.5°	1	1	1	1	1	1	1	1	0	0	0
-58.75°	1	1	1	1	1	1	1	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	0	0	0	0	0	0	0
-65°	1	1	1	0	0	0	0	0	0	0	0
-66.25°	1	1	0	0	0	0	0	0	0	0	0
-67.5°	1	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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	0	0	0	0	0	0	0	0
-23.75°	1	1	1	0	0	0	0	0	0	0	0
-25°	1	1	1	0	0	0	0	0	0	0	0
-26.25°	1	1	1	0	0	0	0	0	0	0	0
-27.5°	1	1	1	0	0	0	0	0	0	0	0
-28.75°	1	1	1	0	0	0	0	0	0	0	0
-30°	1	1	1	0	0	0	0	0	0	0	0
-31.25°	1	1	1	0	0	0	0	0	0	0	0
-32.5°	1	1	1	0	0	0	0	0	0	0	0
-33.75°	1	1	0	0	0	0	0	0	0	0	0
-35°	1	1	0	0	0	0	0	0	0	0	0
-36.25°	1	1	0	0	0	0	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	0	0	0	0	0	0	0	0	0	0
-41.25°	1	0	0	0	0	0	0	0	0	0	0
-42.5°	1	0	0	0	0	0	0	0	0	0	0
-43.75°	1	0	0	0	0	0	0	0	0	0	0
-45°	1	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: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220665 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3597-M-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)