

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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29424)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

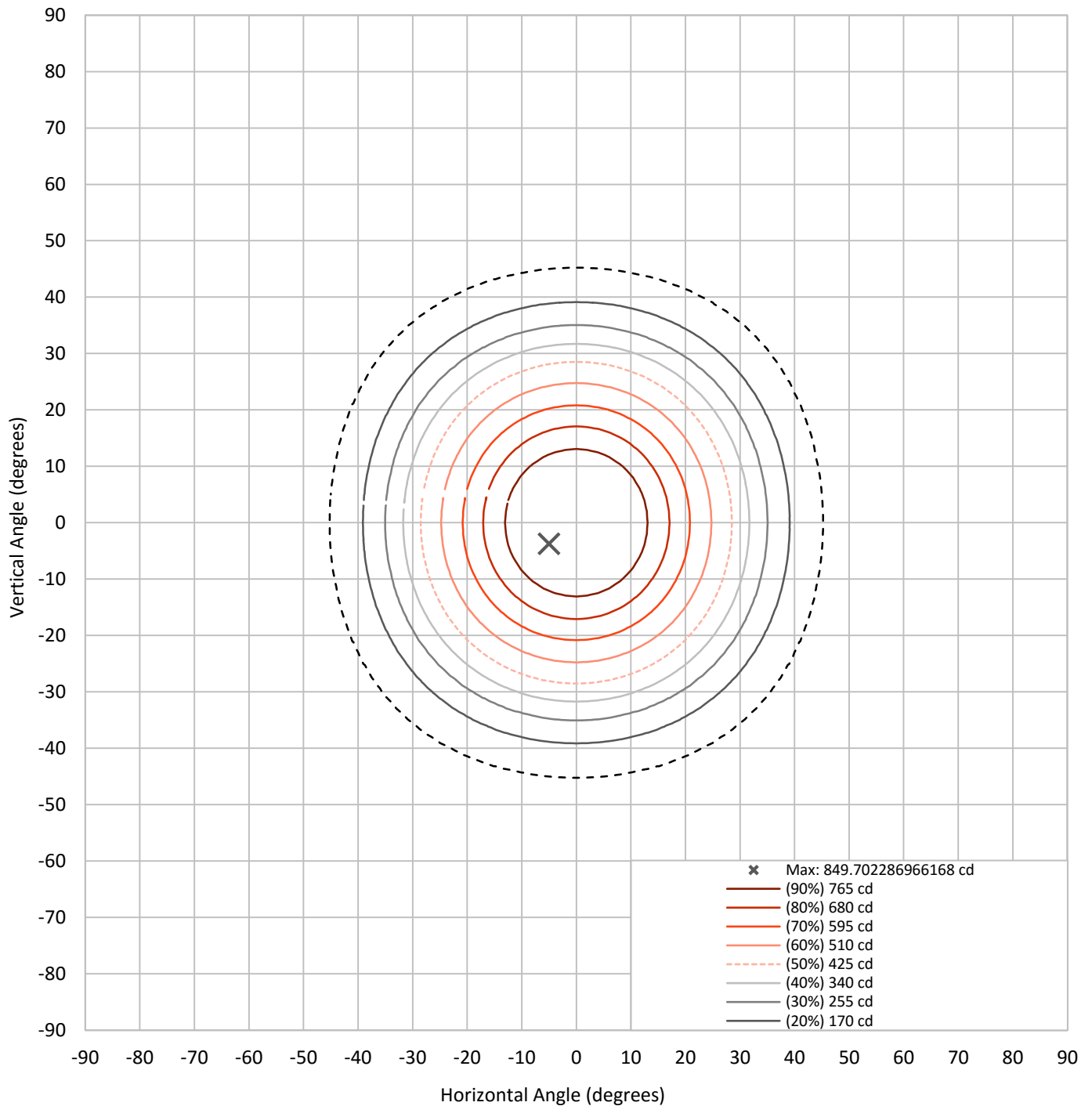
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	768.9 lumens	Max Intensity:	849.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	76.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.6°H x 56.3°V	Field Angle (10%):	90°H x 89.8°V
Beam Lumens:	479.6 lumens	Field Lumens:	716.8 lumens
Beam Efficiency:	62.4%	Field Efficiency:	93.2%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

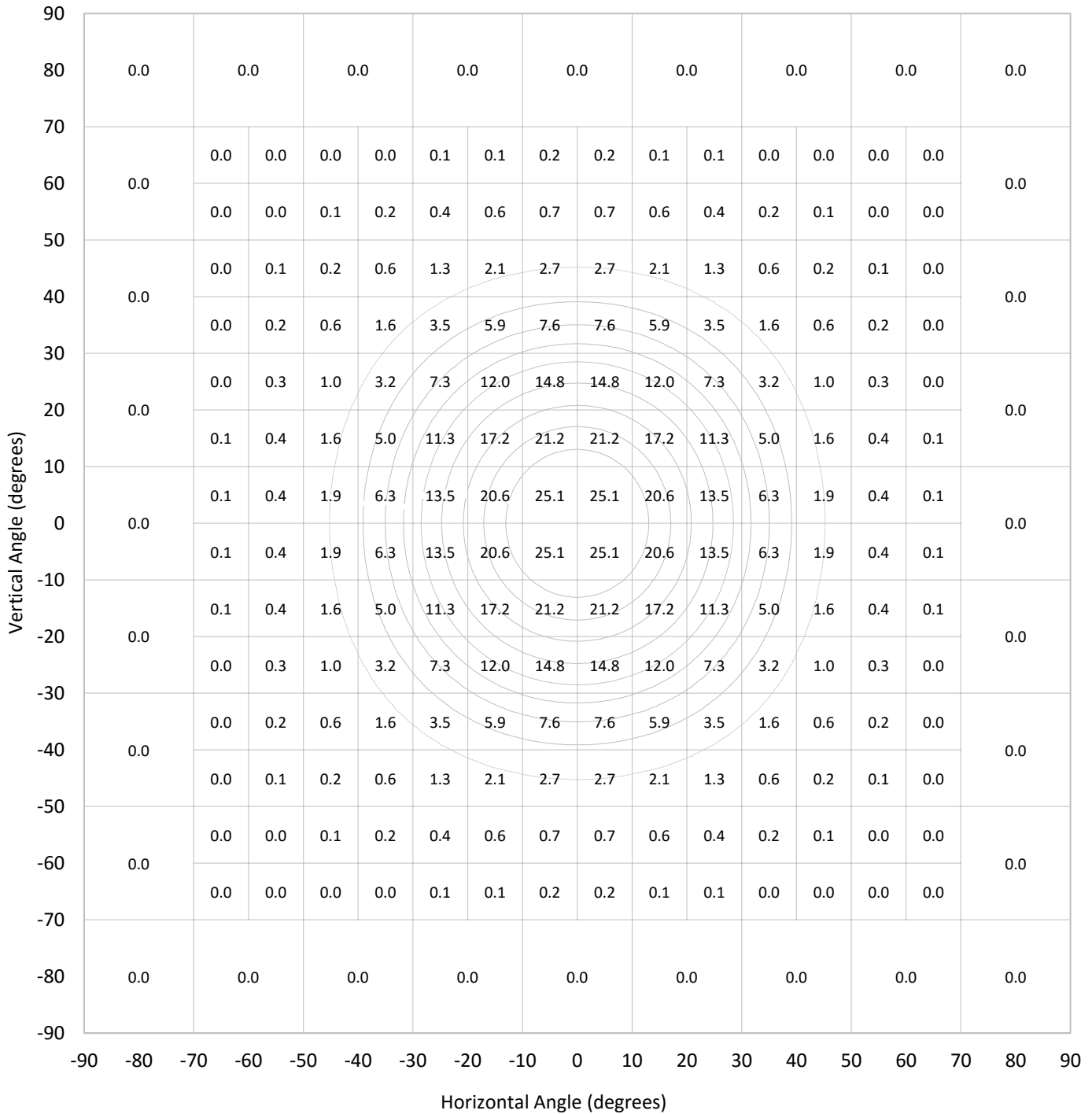
Iso-Candela Plot



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

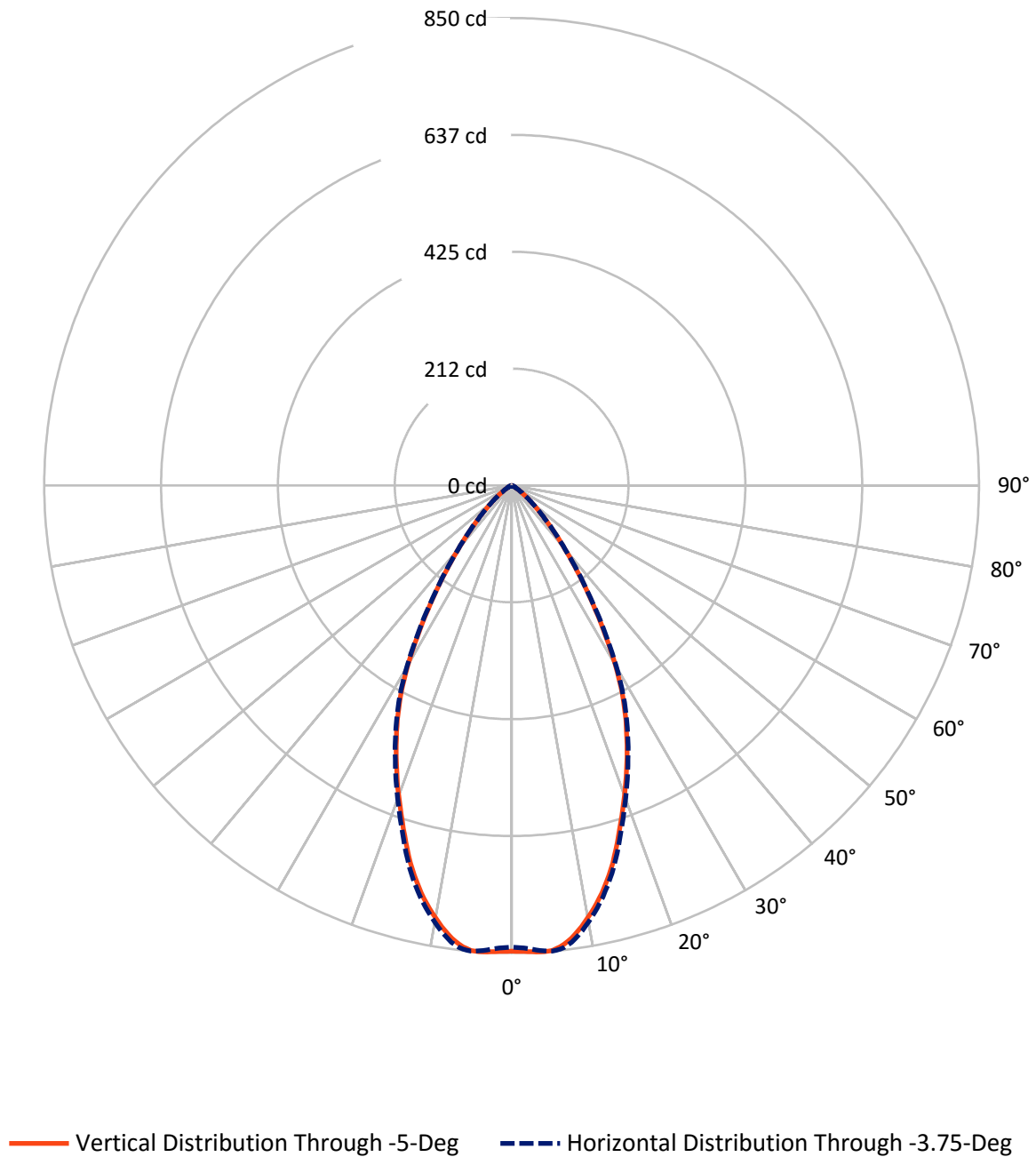
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

Lumen Table



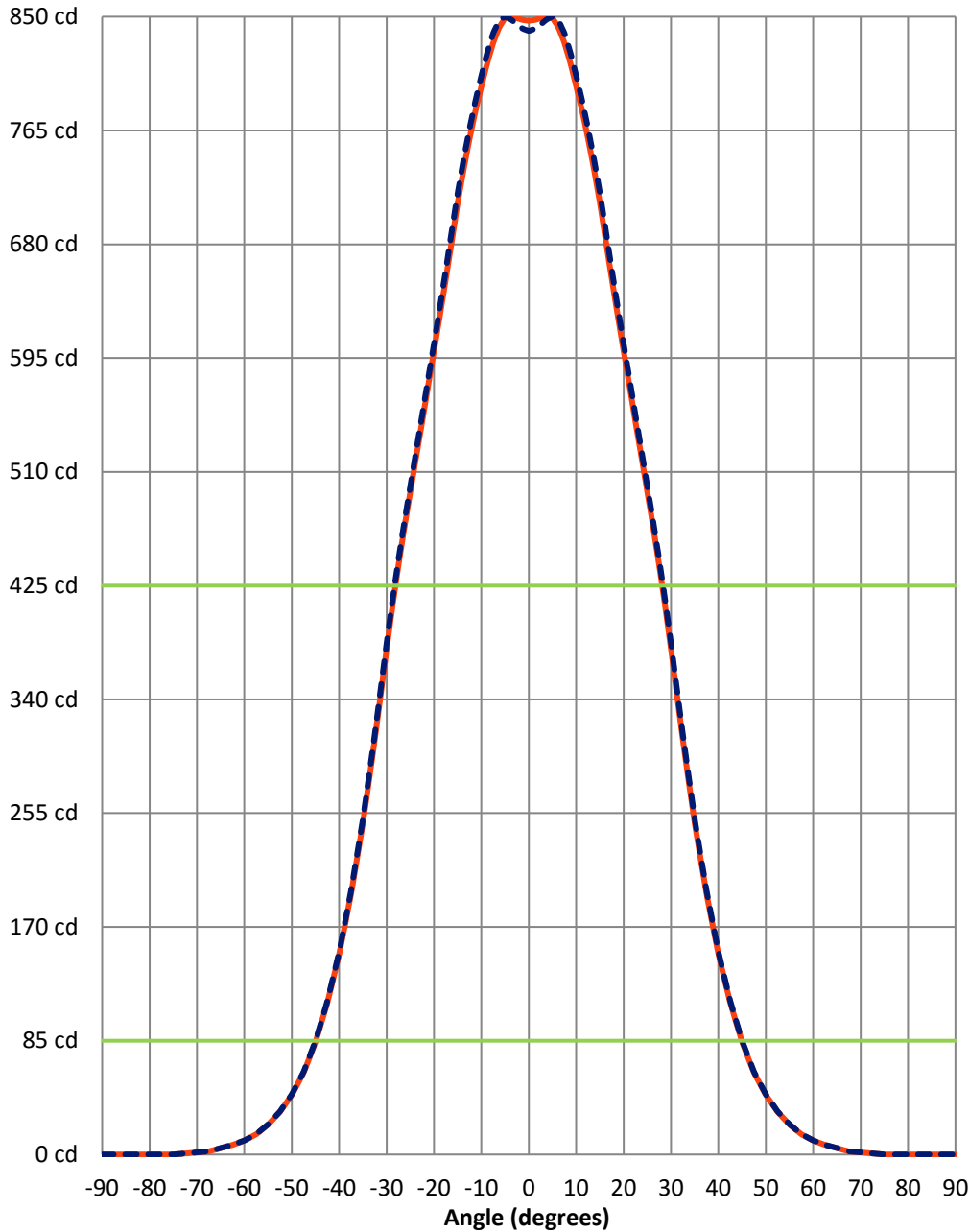
REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 56.6°
 V Angle: 56.3°
 Lumens: 479.6
 Efficiency: 62.4%

Field:
 H Angle: 90°
 V Angle: 89.8°
 Lumens: 716.8
 Efficiency: 93.2%

Spill:
 Lumens: 52.1
 Efficiency: 6.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	0	1	1	1	2	2
32.5°	0	0	0	0	0	1	1	1	2	2	2
31.25°	0	0	0	0	0	1	1	1	2	2	2
30°	0	0	0	0	0	1	1	1	2	2	2
28.75°	0	0	0	0	0	1	1	1	2	2	3
27.5°	0	0	0	0	1	1	1	2	2	2	3
26.25°	0	0	0	0	1	1	1	2	2	2	3
25°	0	0	0	0	1	1	1	2	2	2	4
23.75°	0	0	0	0	1	1	1	2	2	3	4
22.5°	0	0	0	0	1	1	1	2	2	3	4
21.25°	0	0	0	0	1	1	2	2	2	3	4
20°	0	0	0	0	1	1	2	2	2	3	4
18.75°	0	0	0	0	1	1	2	2	2	3	5
17.5°	0	0	0	1	1	1	2	2	2	4	5
16.25°	0	0	0	1	1	1	2	2	3	4	5
15°	0	0	0	1	1	1	2	2	3	4	5
13.75°	0	0	0	1	1	1	2	2	3	4	5
12.5°	0	0	0	1	1	1	2	2	3	4	5
11.25°	0	0	0	1	1	1	2	2	3	4	6
10°	0	0	0	1	1	1	2	2	3	4	6
8.75°	0	0	0	1	1	2	2	2	3	5	6
7.5°	0	0	0	1	1	2	2	2	3	5	6
6.25°	0	0	0	1	1	2	2	2	4	5	6
5°	0	0	0	1	1	2	2	2	4	5	6
3.75°	0	0	0	1	1	2	2	2	4	5	6
2.5°	0	0	0	1	1	2	2	2	4	5	6
1.25°	0	0	0	1	1	2	2	2	4	5	6
0°	0	0	0	1	1	2	2	2	4	5	6
-1.25°	0	0	0	1	1	2	2	2	4	5	6
-2.5°	0	0	0	1	1	2	2	2	4	5	6
-3.75°	0	0	0	1	1	2	2	2	4	5	6
-5°	0	0	0	1	1	2	2	2	4	5	6
-6.25°	0	0	0	1	1	2	2	2	4	5	6
-7.5°	0	0	0	1	1	2	2	2	3	5	6
-8.75°	0	0	0	1	1	2	2	2	3	5	6
-10°	0	0	0	1	1	1	2	2	3	4	6
-11.25°	0	0	0	1	1	1	2	2	3	4	6
-12.5°	0	0	0	1	1	1	2	2	3	4	5
-13.75°	0	0	0	1	1	1	2	2	3	4	5
-15°	0	0	0	1	1	1	2	2	3	4	5
-16.25°	0	0	0	1	1	1	2	2	3	4	5
-17.5°	0	0	0	1	1	1	2	2	2	4	5
-18.75°	0	0	0	0	1	1	2	2	2	3	5
-20°	0	0	0	0	1	1	2	2	2	3	4
-21.25°	0	0	0	0	1	1	2	2	2	3	4



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	2
56.25°	0	0	0	1	1	1	1	1	2	2	2
55°	0	0	1	1	1	1	1	2	2	2	2
53.75°	0	0	1	1	1	1	2	2	2	2	2
52.5°	0	1	1	1	1	2	2	2	2	2	3
51.25°	1	1	1	1	1	2	2	2	2	3	4
50°	1	1	1	1	2	2	2	2	3	4	4
48.75°	1	1	1	2	2	2	2	3	4	4	5
47.5°	1	1	2	2	2	2	3	3	4	5	6
46.25°	1	1	2	2	2	2	3	4	5	6	6
45°	1	2	2	2	2	3	4	5	5	6	7
43.75°	1	2	2	2	3	4	4	5	6	7	8
42.5°	2	2	2	2	3	4	5	6	7	7	8
41.25°	2	2	2	3	4	5	5	6	7	8	9
40°	2	2	2	3	4	5	6	7	8	9	10
38.75°	2	2	3	4	5	6	6	7	8	10	11
37.5°	2	2	3	4	5	6	7	8	9	10	12
36.25°	2	3	4	5	6	6	7	9	10	11	13
35°	2	3	4	5	6	7	8	9	10	12	14



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	3	4	5	6	7	9	10	11	13	15
32.5°	3	4	5	6	7	8	9	10	12	14	16
31.25°	3	4	5	6	7	8	10	11	13	15	18
30°	3	5	6	7	8	9	10	12	14	16	19
28.75°	4	5	6	7	8	9	11	13	15	18	21
27.5°	4	5	6	7	9	10	12	14	16	19	22
26.25°	4	5	6	8	9	10	12	14	17	20	24
25°	5	6	7	8	9	11	13	15	18	21	25
23.75°	5	6	7	8	10	12	14	16	19	23	27
22.5°	5	6	7	9	10	12	14	17	21	24	28
21.25°	5	6	8	9	11	13	15	18	22	25	30
20°	6	7	8	10	11	13	16	19	22	27	31
18.75°	6	7	8	10	12	14	17	20	24	28	32
17.5°	6	7	9	10	12	14	17	21	25	29	34
16.25°	6	7	9	10	13	15	18	22	26	30	36
15°	6	8	9	11	13	15	19	22	27	31	37
13.75°	6	8	9	11	13	16	19	23	28	32	38
12.5°	7	8	10	11	14	16	20	24	28	33	40
11.25°	7	8	10	12	14	17	21	25	29	34	41
10°	7	8	10	12	14	17	21	25	30	35	42
8.75°	7	8	10	12	15	18	21	26	31	36	43
7.5°	7	9	10	12	15	18	22	26	31	37	43
6.25°	7	9	10	13	15	18	22	27	31	38	44
5°	7	9	10	13	15	19	22	27	32	38	45
3.75°	7	9	11	13	15	19	23	27	32	38	45
2.5°	7	9	11	13	15	19	23	27	32	39	45
1.25°	7	9	11	13	15	19	23	28	32	39	45
0°	7	9	11	13	15	19	23	28	33	39	46
-1.25°	7	9	11	13	15	19	23	28	32	39	45
-2.5°	7	9	11	13	15	19	23	27	32	39	45
-3.75°	7	9	11	13	15	19	23	27	32	39	45
-5°	7	9	10	13	15	19	22	27	32	38	45
-6.25°	7	9	10	13	15	18	22	27	31	38	44
-7.5°	7	9	10	12	15	18	22	26	31	37	43
-8.75°	7	8	10	12	15	18	21	26	31	36	43
-10°	7	8	10	12	14	17	21	25	30	35	42
-11.25°	7	8	10	12	14	17	21	25	29	34	41
-12.5°	7	8	10	11	14	16	20	24	28	33	40
-13.75°	6	8	9	11	13	16	19	23	28	32	38
-15°	6	8	9	11	13	15	19	22	27	31	37
-16.25°	6	7	9	10	13	15	18	22	26	30	36
-17.5°	6	7	9	10	12	14	17	21	25	29	34
-18.75°	6	7	8	10	12	14	17	20	24	28	32
-20°	6	7	8	10	11	13	16	19	22	27	31
-21.25°	5	6	8	9	11	13	15	18	22	25	30



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	5	6	7	9	10	12	14	17	21	24	28
-23.75°	5	6	7	8	10	12	14	16	19	23	27
-25°	5	6	7	8	9	11	13	15	18	21	25
-26.25°	4	5	6	8	9	10	12	14	17	20	24
-27.5°	4	5	6	7	9	10	12	14	16	19	22
-28.75°	4	5	6	7	8	9	11	13	15	18	21
-30°	3	5	6	7	8	9	10	12	14	16	19
-31.25°	3	4	5	6	7	8	10	11	13	15	18
-32.5°	3	4	5	6	7	8	9	10	12	14	16
-33.75°	2	3	4	5	6	7	9	10	11	13	15
-35°	2	3	4	5	6	7	8	9	10	12	14
-36.25°	2	3	4	5	6	6	7	9	10	11	13
-37.5°	2	2	3	4	5	6	7	8	9	10	12
-38.75°	2	2	3	4	5	6	6	7	8	10	11
-40°	2	2	2	3	4	5	6	7	8	9	10
-41.25°	2	2	2	3	4	5	5	6	7	8	9
-42.5°	2	2	2	2	3	4	5	6	7	7	8
-43.75°	1	2	2	2	3	4	4	5	6	7	8
-45°	1	2	2	2	2	3	4	5	5	6	7
-46.25°	1	1	2	2	2	2	3	4	5	6	6
-47.5°	1	1	2	2	2	2	3	3	4	5	6
-48.75°	1	1	1	2	2	2	2	3	4	4	5
-50°	1	1	1	1	2	2	2	2	3	4	4
-51.25°	1	1	1	1	1	2	2	2	2	3	4
-52.5°	0	1	1	1	1	2	2	2	2	2	3
-53.75°	0	0	1	1	1	1	2	2	2	2	2
-55°	0	0	1	1	1	1	1	2	2	2	2
-56.25°	0	0	0	1	1	1	1	1	2	2	2
-57.5°	0	0	0	0	1	1	1	1	1	1	2
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	3
60°	1	2	2	2	2	2	2	2	3	3	4
58.75°	2	2	2	2	2	2	3	3	4	4	5
57.5°	2	2	2	2	3	3	4	4	5	5	6
56.25°	2	2	2	3	4	4	5	5	6	6	6
55°	2	3	3	4	4	5	5	6	6	7	7
53.75°	3	3	4	5	5	6	6	7	7	8	9
52.5°	4	4	5	5	6	7	7	8	8	9	10
51.25°	4	5	6	6	7	7	8	9	10	10	11
50°	5	6	6	7	8	8	9	10	11	12	13
48.75°	6	6	7	8	9	9	10	11	12	14	15
47.5°	6	7	8	9	10	10	12	13	14	15	17
46.25°	7	8	9	10	11	12	13	14	16	18	20
45°	8	9	10	11	12	13	15	16	18	20	22
43.75°	9	10	11	12	13	15	17	19	21	23	25
42.5°	9	10	12	13	15	17	19	21	23	26	29
41.25°	10	12	13	15	17	19	21	23	26	29	32
40°	11	13	14	16	19	21	23	26	29	32	36
38.75°	12	14	16	18	21	23	26	29	32	36	40
37.5°	14	15	18	20	23	26	29	32	36	40	44
36.25°	15	17	20	22	25	29	32	36	40	44	49
35°	16	19	21	24	28	31	35	40	44	49	55



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	18	20	23	27	30	34	39	43	48	54	60
32.5°	19	22	25	29	33	37	42	47	53	59	66
31.25°	21	24	28	31	36	41	45	52	58	65	73
30°	22	26	30	34	39	44	50	56	62	71	80
28.75°	24	28	32	37	42	47	54	60	69	77	86
27.5°	26	30	34	39	45	51	58	65	75	84	94
26.25°	28	32	37	42	48	55	62	71	80	90	102
25°	29	34	39	45	52	59	67	76	86	98	110
23.75°	31	36	42	48	55	62	72	82	93	105	117
22.5°	33	38	44	51	58	67	77	87	99	112	126
21.25°	35	40	46	54	61	71	81	93	106	119	135
20°	37	42	49	57	65	75	86	99	112	127	143
18.75°	38	44	52	59	69	79	91	104	118	134	150
17.5°	40	46	54	62	72	83	96	109	125	141	159
16.25°	42	48	56	65	76	87	101	114	131	148	167
15°	43	51	59	68	79	91	105	120	137	154	175
13.75°	45	52	61	71	82	95	109	125	142	161	183
12.5°	46	54	62	73	85	99	113	130	147	168	189
11.25°	47	56	65	76	87	102	116	134	152	174	196
10°	49	57	67	78	90	105	120	138	157	179	202
8.75°	50	58	68	80	93	107	124	142	161	184	208
7.5°	51	60	70	82	95	110	127	145	166	188	213
6.25°	52	60	71	83	97	112	129	148	169	192	217
5°	53	61	72	84	98	113	131	150	172	195	221
3.75°	53	62	73	85	100	115	133	151	174	197	223
2.5°	54	62	74	86	100	115	134	153	175	199	225
1.25°	54	63	74	86	101	116	135	153	176	200	227
0°	54	63	74	86	101	116	135	154	177	200	227
-1.25°	54	63	74	86	101	116	135	153	176	200	227
-2.5°	54	62	74	86	100	115	134	153	175	199	225
-3.75°	53	62	73	85	100	115	133	151	174	197	223
-5°	53	61	72	84	98	113	131	150	172	195	221
-6.25°	52	60	71	83	97	112	129	148	169	192	217
-7.5°	51	60	70	82	95	110	127	145	166	188	213
-8.75°	50	58	68	80	93	107	124	142	161	184	208
-10°	49	57	67	78	90	105	120	138	157	179	202
-11.25°	47	56	65	76	87	102	116	134	152	174	196
-12.5°	46	54	62	73	85	99	113	130	147	168	189
-13.75°	45	52	61	71	82	95	109	125	142	161	183
-15°	43	51	59	68	79	91	105	120	137	154	175
-16.25°	42	48	56	65	76	87	101	114	131	148	167
-17.5°	40	46	54	62	72	83	96	109	125	141	159
-18.75°	38	44	52	59	69	79	91	104	118	134	150
-20°	37	42	49	57	65	75	86	99	112	127	143
-21.25°	35	40	46	54	61	71	81	93	106	119	135



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	33	38	44	51	58	67	77	87	99	112	126
-23.75°	31	36	42	48	55	62	72	82	93	105	117
-25°	29	34	39	45	52	59	67	76	86	98	110
-26.25°	28	32	37	42	48	55	62	71	80	90	102
-27.5°	26	30	34	39	45	51	58	65	75	84	94
-28.75°	24	28	32	37	42	47	54	60	69	77	86
-30°	22	26	30	34	39	44	50	56	62	71	80
-31.25°	21	24	28	31	36	41	45	52	58	65	73
-32.5°	19	22	25	29	33	37	42	47	53	59	66
-33.75°	18	20	23	27	30	34	39	43	48	54	60
-35°	16	19	21	24	28	31	35	40	44	49	55
-36.25°	15	17	20	22	25	29	32	36	40	44	49
-37.5°	14	15	18	20	23	26	29	32	36	40	44
-38.75°	12	14	16	18	21	23	26	29	32	36	40
-40°	11	13	14	16	19	21	23	26	29	32	36
-41.25°	10	12	13	15	17	19	21	23	26	29	32
-42.5°	9	10	12	13	15	17	19	21	23	26	29
-43.75°	9	10	11	12	13	15	17	19	21	23	25
-45°	8	9	10	11	12	13	15	16	18	20	22
-46.25°	7	8	9	10	11	12	13	14	16	18	20
-47.5°	6	7	8	9	10	10	12	13	14	15	17
-48.75°	6	6	7	8	9	9	10	11	12	14	15
-50°	5	6	6	7	8	8	9	10	11	12	13
-51.25°	4	5	6	6	7	7	8	9	10	10	11
-52.5°	4	4	5	5	6	7	7	8	8	9	10
-53.75°	3	3	4	5	5	6	6	7	7	8	9
-55°	2	3	3	4	4	5	5	6	6	7	7
-56.25°	2	2	2	3	4	4	5	5	6	6	6
-57.5°	2	2	2	2	3	3	4	4	5	5	6
-58.75°	2	2	2	2	2	2	3	3	4	4	5
-60°	1	2	2	2	2	2	2	2	3	3	4
-61.25°	1	1	1	2	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	1	2	2	2	2
-65°	0	1	1	1	1	1	1	1	1	1	2
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	2	2	2	2	2
66.25°	1	1	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	3	3
63.75°	2	2	2	2	2	3	3	3	4	4	4
62.5°	2	2	3	3	3	4	4	4	5	5	5
61.25°	3	3	4	4	5	5	5	5	6	6	6
60°	4	4	5	5	6	6	6	6	7	7	7
58.75°	5	5	6	6	7	7	7	8	8	8	9
57.5°	6	6	7	7	8	8	9	9	9	10	10
56.25°	7	7	8	8	9	9	10	10	11	12	12
55°	8	9	9	10	10	11	12	12	13	14	14
53.75°	9	10	10	11	12	13	14	14	15	16	17
52.5°	10	11	12	13	14	15	16	17	18	19	21
51.25°	12	13	14	15	16	18	19	20	21	23	24
50°	14	15	16	18	19	21	22	24	25	27	28
48.75°	16	18	19	21	22	24	26	28	29	31	33
47.5°	19	20	22	24	26	28	30	32	34	36	38
46.25°	21	23	25	28	30	32	34	37	39	42	44
45°	24	27	29	31	34	37	39	42	45	48	51
43.75°	28	30	33	36	39	42	45	48	52	55	58
42.5°	31	34	37	41	44	47	51	55	59	62	67
41.25°	35	39	42	45	50	54	58	62	67	72	77
40°	40	43	47	52	56	60	65	71	76	82	87
38.75°	44	48	53	58	62	69	75	80	86	93	99
37.5°	49	54	59	65	71	77	84	90	98	105	112
36.25°	55	60	66	73	80	86	94	102	110	117	126
35°	60	67	74	81	88	97	105	114	123	132	141



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	67	74	82	90	99	108	117	127	137	147	157
32.5°	74	82	90	100	109	119	130	141	151	163	176
31.25°	81	90	100	110	120	132	143	155	168	181	194
30°	88	99	109	120	133	145	157	171	185	199	214
28.75°	97	108	119	132	145	158	173	188	202	219	235
27.5°	105	117	130	143	157	173	189	204	222	239	255
26.25°	114	127	141	155	171	188	204	223	241	259	279
25°	123	137	151	168	185	202	222	241	260	281	302
23.75°	132	147	163	181	199	219	239	259	281	303	325
22.5°	141	157	176	194	214	235	255	279	302	325	349
21.25°	150	168	187	207	229	250	274	298	322	347	372
20°	160	179	198	221	243	266	292	317	343	369	394
18.75°	170	189	211	234	257	283	309	336	363	390	414
17.5°	179	199	223	246	272	299	326	354	382	408	433
16.25°	188	210	234	258	286	314	343	372	400	426	450
15°	196	220	245	271	300	329	359	388	416	441	465
13.75°	205	230	254	284	313	343	374	403	430	456	480
12.5°	213	238	265	295	325	356	387	416	443	469	492
11.25°	221	246	275	305	336	368	399	428	455	480	504
10°	228	254	284	314	347	379	410	439	466	491	515
8.75°	234	261	292	323	356	389	420	448	475	500	525
7.5°	239	268	299	331	364	397	428	456	483	508	534
6.25°	244	273	305	338	371	404	434	463	489	515	541
5°	248	278	310	343	377	410	440	468	495	521	547
3.75°	250	282	314	347	382	414	444	473	499	526	552
2.5°	253	284	316	351	385	417	447	476	502	529	556
1.25°	254	286	318	352	387	419	449	477	504	531	558
0°	254	286	319	353	388	420	450	478	505	532	559
-1.25°	254	286	318	352	387	419	449	477	504	531	558
-2.5°	253	284	316	351	385	417	447	476	502	529	556
-3.75°	250	282	314	347	382	414	444	473	499	526	552
-5°	248	278	310	343	377	410	440	468	495	521	547
-6.25°	244	273	305	338	371	404	434	463	489	515	541
-7.5°	239	268	299	331	364	397	428	456	483	508	534
-8.75°	234	261	292	323	356	389	420	448	475	500	525
-10°	228	254	284	314	347	379	410	439	466	491	515
-11.25°	221	246	275	305	336	368	399	428	455	480	504
-12.5°	213	238	265	295	325	356	387	416	443	469	492
-13.75°	205	230	254	284	313	343	374	403	430	456	480
-15°	196	220	245	271	300	329	359	388	416	441	465
-16.25°	188	210	234	258	286	314	343	372	400	426	450
-17.5°	179	199	223	246	272	299	326	354	382	408	433
-18.75°	170	189	211	234	257	283	309	336	363	390	414
-20°	160	179	198	221	243	266	292	317	343	369	394
-21.25°	150	168	187	207	229	250	274	298	322	347	372



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	141	157	176	194	214	235	255	279	302	325	349
-23.75°	132	147	163	181	199	219	239	259	281	303	325
-25°	123	137	151	168	185	202	222	241	260	281	302
-26.25°	114	127	141	155	171	188	204	223	241	259	279
-27.5°	105	117	130	143	157	173	189	204	222	239	255
-28.75°	97	108	119	132	145	158	173	188	202	219	235
-30°	88	99	109	120	133	145	157	171	185	199	214
-31.25°	81	90	100	110	120	132	143	155	168	181	194
-32.5°	74	82	90	100	109	119	130	141	151	163	176
-33.75°	67	74	82	90	99	108	117	127	137	147	157
-35°	60	67	74	81	88	97	105	114	123	132	141
-36.25°	55	60	66	73	80	86	94	102	110	117	126
-37.5°	49	54	59	65	71	77	84	90	98	105	112
-38.75°	44	48	53	58	62	69	75	80	86	93	99
-40°	40	43	47	52	56	60	65	71	76	82	87
-41.25°	35	39	42	45	50	54	58	62	67	72	77
-42.5°	31	34	37	41	44	47	51	55	59	62	67
-43.75°	28	30	33	36	39	42	45	48	52	55	58
-45°	24	27	29	31	34	37	39	42	45	48	51
-46.25°	21	23	25	28	30	32	34	37	39	42	44
-47.5°	19	20	22	24	26	28	30	32	34	36	38
-48.75°	16	18	19	21	22	24	26	28	29	31	33
-50°	14	15	16	18	19	21	22	24	25	27	28
-51.25°	12	13	14	15	16	18	19	20	21	23	24
-52.5°	10	11	12	13	14	15	16	17	18	19	21
-53.75°	9	10	10	11	12	13	14	14	15	16	17
-55°	8	9	9	10	10	11	12	12	13	14	14
-56.25°	7	7	8	8	9	9	10	10	11	12	12
-57.5°	6	6	7	7	8	8	9	9	9	10	10
-58.75°	5	5	6	6	7	7	7	8	8	8	9
-60°	4	4	5	5	6	6	6	6	7	7	7
-61.25°	3	3	4	4	5	5	5	5	6	6	6
-62.5°	2	2	3	3	3	4	4	4	5	5	5
-63.75°	2	2	2	2	2	3	3	3	4	4	4
-65°	2	2	2	2	2	2	2	2	2	3	3
-66.25°	1	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	3	3	3	3	3	3	3
65°	3	3	3	4	4	4	4	4	4	4	5
63.75°	4	4	5	5	5	5	5	5	6	6	6
62.5°	5	6	6	6	6	6	6	7	7	7	7
61.25°	6	7	7	7	7	8	8	8	8	8	8
60°	8	8	8	9	9	9	9	10	10	10	10
58.75°	9	10	10	10	10	11	11	11	12	12	12
57.5°	11	11	12	12	13	13	13	14	14	14	15
56.25°	13	13	14	14	15	15	16	16	17	17	18
55°	15	16	17	17	18	19	19	20	21	21	21
53.75°	18	19	20	21	22	22	23	24	25	25	26
52.5°	22	22	24	25	26	27	28	28	29	30	31
51.25°	25	27	28	29	30	31	32	33	34	35	36
50°	30	31	32	34	36	37	38	40	41	42	43
48.75°	35	37	38	40	42	43	45	46	47	49	50
47.5°	40	42	44	46	48	51	52	54	56	57	58
46.25°	46	49	52	54	56	59	61	62	65	67	68
45°	54	57	59	62	65	68	71	73	76	78	80
43.75°	61	65	69	72	76	79	82	85	87	90	93
42.5°	71	75	79	83	87	91	95	99	102	105	107
41.25°	81	86	91	96	101	105	109	113	116	120	124
40°	93	99	104	109	114	120	125	130	134	138	142
38.75°	106	112	118	125	131	137	142	147	152	157	161
37.5°	119	127	134	141	148	154	161	168	174	179	184
36.25°	135	143	150	159	167	175	183	189	196	202	208
35°	150	160	170	179	188	196	205	213	221	228	234



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	168	179	189	199	210	220	230	238	246	254	261
32.5°	187	198	211	223	234	245	254	265	275	284	292
31.25°	207	221	234	246	258	271	284	295	305	314	323
30°	229	243	257	272	286	300	313	325	336	347	356
28.75°	250	266	283	299	314	329	343	356	368	379	389
27.5°	274	292	309	326	343	359	374	387	399	410	420
26.25°	298	317	336	354	372	388	403	416	428	439	448
25°	322	343	363	382	400	416	430	443	455	466	475
23.75°	347	369	390	408	426	441	456	469	480	491	500
22.5°	372	394	414	433	450	465	480	492	504	515	525
21.25°	395	417	437	455	472	488	502	515	528	539	550
20°	417	438	458	476	493	509	524	538	551	564	575
18.75°	437	458	477	496	513	530	545	561	575	588	599
17.5°	455	476	496	514	533	550	567	583	598	611	624
16.25°	472	493	513	533	551	570	588	604	620	635	649
15°	488	509	530	550	570	590	608	626	643	659	674
13.75°	502	524	545	567	588	608	627	647	665	683	700
12.5°	515	538	561	583	604	626	647	667	688	707	723
11.25°	528	551	575	598	620	643	665	688	709	728	744
10°	539	564	588	611	635	659	683	707	728	746	762
8.75°	550	575	599	624	649	674	700	723	744	762	779
7.5°	559	585	610	636	662	688	714	737	758	776	793
6.25°	567	593	619	646	673	701	726	749	770	788	805
5°	574	600	627	654	682	711	736	759	780	798	815
3.75°	579	606	633	661	690	718	743	766	787	806	823
2.5°	583	609	637	666	695	724	749	772	792	812	829
1.25°	585	612	640	669	699	727	752	775	795	815	832
0°	586	613	641	670	700	728	753	776	796	817	833
-1.25°	585	612	640	669	699	727	752	775	795	815	832
-2.5°	583	609	637	666	695	724	749	772	792	812	829
-3.75°	579	606	633	661	690	718	743	766	787	806	823
-5°	574	600	627	654	682	711	736	759	780	798	815
-6.25°	567	593	619	646	673	701	726	749	770	788	805
-7.5°	559	585	610	636	662	688	714	737	758	776	793
-8.75°	550	575	599	624	649	674	700	723	744	762	779
-10°	539	564	588	611	635	659	683	707	728	746	762
-11.25°	528	551	575	598	620	643	665	688	709	728	744
-12.5°	515	538	561	583	604	626	647	667	688	707	723
-13.75°	502	524	545	567	588	608	627	647	665	683	700
-15°	488	509	530	550	570	590	608	626	643	659	674
-16.25°	472	493	513	533	551	570	588	604	620	635	649
-17.5°	455	476	496	514	533	550	567	583	598	611	624
-18.75°	437	458	477	496	513	530	545	561	575	588	599
-20°	417	438	458	476	493	509	524	538	551	564	575
-21.25°	395	417	437	455	472	488	502	515	528	539	550



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	372	394	414	433	450	465	480	492	504	515	525
-23.75°	347	369	390	408	426	441	456	469	480	491	500
-25°	322	343	363	382	400	416	430	443	455	466	475
-26.25°	298	317	336	354	372	388	403	416	428	439	448
-27.5°	274	292	309	326	343	359	374	387	399	410	420
-28.75°	250	266	283	299	314	329	343	356	368	379	389
-30°	229	243	257	272	286	300	313	325	336	347	356
-31.25°	207	221	234	246	258	271	284	295	305	314	323
-32.5°	187	198	211	223	234	245	254	265	275	284	292
-33.75°	168	179	189	199	210	220	230	238	246	254	261
-35°	150	160	170	179	188	196	205	213	221	228	234
-36.25°	135	143	150	159	167	175	183	189	196	202	208
-37.5°	119	127	134	141	148	154	161	168	174	179	184
-38.75°	106	112	118	125	131	137	142	147	152	157	161
-40°	93	99	104	109	114	120	125	130	134	138	142
-41.25°	81	86	91	96	101	105	109	113	116	120	124
-42.5°	71	75	79	83	87	91	95	99	102	105	107
-43.75°	61	65	69	72	76	79	82	85	87	90	93
-45°	54	57	59	62	65	68	71	73	76	78	80
-46.25°	46	49	52	54	56	59	61	62	65	67	68
-47.5°	40	42	44	46	48	51	52	54	56	57	58
-48.75°	35	37	38	40	42	43	45	46	47	49	50
-50°	30	31	32	34	36	37	38	40	41	42	43
-51.25°	25	27	28	29	30	31	32	33	34	35	36
-52.5°	22	22	24	25	26	27	28	28	29	30	31
-53.75°	18	19	20	21	22	22	23	24	25	25	26
-55°	15	16	17	17	18	19	19	20	21	21	21
-56.25°	13	13	14	14	15	15	16	16	17	17	18
-57.5°	11	11	12	12	13	13	13	14	14	14	15
-58.75°	9	10	10	10	10	11	11	11	12	12	12
-60°	8	8	8	9	9	9	9	10	10	10	10
-61.25°	6	7	7	7	7	8	8	8	8	8	8
-62.5°	5	6	6	6	6	6	6	7	7	7	7
-63.75°	4	4	5	5	5	5	5	5	6	6	6
-65°	3	3	3	4	4	4	4	4	4	4	5
-66.25°	2	2	2	2	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	4	4	4	4	4	4	4	4	4	4
65°	5	5	5	5	5	5	5	5	5	5	5
63.75°	6	6	6	6	6	6	6	6	6	6	6
62.5°	7	7	7	7	7	7	7	7	7	7	7
61.25°	9	9	9	9	9	9	9	9	9	9	9
60°	10	10	10	11	11	11	11	11	11	11	10
58.75°	12	13	13	13	13	13	13	13	13	13	13
57.5°	15	15	15	15	15	15	15	15	15	15	15
56.25°	18	18	19	19	19	19	19	19	19	19	19
55°	22	22	22	23	23	23	23	23	23	23	22
53.75°	26	27	27	27	27	28	28	28	27	27	27
52.5°	31	31	32	32	32	32	33	32	32	32	32
51.25°	37	38	38	38	39	39	39	39	39	38	38
50°	43	44	45	45	45	45	46	45	45	45	45
48.75°	51	52	53	53	54	54	54	54	54	53	53
47.5°	60	60	61	62	62	63	63	63	62	62	61
46.25°	70	71	72	73	74	74	74	74	74	73	72
45°	82	83	84	85	86	86	86	86	86	85	84
43.75°	95	97	98	100	100	101	101	101	100	100	98
42.5°	110	112	113	115	115	116	116	116	115	115	113
41.25°	127	129	131	133	134	135	135	135	134	133	131
40°	145	148	150	151	153	153	154	153	153	151	150
38.75°	166	169	172	174	175	176	177	176	175	174	172
37.5°	188	192	195	197	199	200	200	200	199	197	195
36.25°	213	217	221	223	225	227	227	227	225	223	221
35°	239	244	248	250	253	254	254	254	253	250	248



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	268	273	278	282	284	286	286	286	284	282	278
32.5°	299	305	310	314	316	318	319	318	316	314	310
31.25°	331	338	343	347	351	352	353	352	351	347	343
30°	364	371	377	382	385	387	388	387	385	382	377
28.75°	397	404	410	414	417	419	420	419	417	414	410
27.5°	428	434	440	444	447	449	450	449	447	444	440
26.25°	456	463	468	473	476	477	478	477	476	473	468
25°	483	489	495	499	502	504	505	504	502	499	495
23.75°	508	515	521	526	529	531	532	531	529	526	521
22.5°	534	541	547	552	556	558	559	558	556	552	547
21.25°	559	567	574	579	583	585	586	585	583	579	574
20°	585	593	600	606	609	612	613	612	609	606	600
18.75°	610	619	627	633	637	640	641	640	637	633	627
17.5°	636	646	654	661	666	669	670	669	666	661	654
16.25°	662	673	682	690	695	699	700	699	695	690	682
15°	688	701	711	718	724	727	728	727	724	718	711
13.75°	714	726	736	743	749	752	753	752	749	743	736
12.5°	737	749	759	766	772	775	776	775	772	766	759
11.25°	758	770	780	787	792	795	796	795	792	787	780
10°	776	788	798	806	812	815	817	815	812	806	798
8.75°	793	805	815	823	829	832	833	832	829	823	815
7.5°	807	820	830	837	843	845	845	845	843	837	830
6.25°	820	832	842	847	849	850	850	850	849	847	842
5°	830	842	849	850	849	847	847	847	849	850	849
3.75°	837	847	850	848	844	841	839	841	844	848	850
2.5°	843	849	849	844	838	832	830	832	838	844	849
1.25°	845	850	847	841	832	827	827	827	832	841	847
0°	845	850	847	839	830	827	827	827	830	839	847
-1.25°	845	850	847	841	832	827	827	827	832	841	847
-2.5°	843	849	849	844	838	832	830	832	838	844	849
-3.75°	837	847	850	848	844	841	839	841	844	848	850
-5°	830	842	849	850	849	847	847	847	849	850	849
-6.25°	820	832	842	847	849	850	850	850	849	847	842
-7.5°	807	820	830	837	843	845	845	845	843	837	830
-8.75°	793	805	815	823	829	832	833	832	829	823	815
-10°	776	788	798	806	812	815	817	815	812	806	798
-11.25°	758	770	780	787	792	795	796	795	792	787	780
-12.5°	737	749	759	766	772	775	776	775	772	766	759
-13.75°	714	726	736	743	749	752	753	752	749	743	736
-15°	688	701	711	718	724	727	728	727	724	718	711
-16.25°	662	673	682	690	695	699	700	699	695	690	682
-17.5°	636	646	654	661	666	669	670	669	666	661	654
-18.75°	610	619	627	633	637	640	641	640	637	633	627
-20°	585	593	600	606	609	612	613	612	609	606	600
-21.25°	559	567	574	579	583	585	586	585	583	579	574



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	534	541	547	552	556	558	559	558	556	552	547
-23.75°	508	515	521	526	529	531	532	531	529	526	521
-25°	483	489	495	499	502	504	505	504	502	499	495
-26.25°	456	463	468	473	476	477	478	477	476	473	468
-27.5°	428	434	440	444	447	449	450	449	447	444	440
-28.75°	397	404	410	414	417	419	420	419	417	414	410
-30°	364	371	377	382	385	387	388	387	385	382	377
-31.25°	331	338	343	347	351	352	353	352	351	347	343
-32.5°	299	305	310	314	316	318	319	318	316	314	310
-33.75°	268	273	278	282	284	286	286	286	284	282	278
-35°	239	244	248	250	253	254	254	254	253	250	248
-36.25°	213	217	221	223	225	227	227	227	225	223	221
-37.5°	188	192	195	197	199	200	200	200	199	197	195
-38.75°	166	169	172	174	175	176	177	176	175	174	172
-40°	145	148	150	151	153	153	154	153	153	151	150
-41.25°	127	129	131	133	134	135	135	135	134	133	131
-42.5°	110	112	113	115	115	116	116	116	115	115	113
-43.75°	95	97	98	100	100	101	101	101	100	100	98
-45°	82	83	84	85	86	86	86	86	86	85	84
-46.25°	70	71	72	73	74	74	74	74	74	73	72
-47.5°	60	60	61	62	62	63	63	63	62	62	61
-48.75°	51	52	53	53	54	54	54	54	54	53	53
-50°	43	44	45	45	45	45	46	45	45	45	45
-51.25°	37	38	38	38	39	39	39	39	39	38	38
-52.5°	31	31	32	32	32	32	33	32	32	32	32
-53.75°	26	27	27	27	27	28	28	28	27	27	27
-55°	22	22	22	23	23	23	23	23	23	23	22
-56.25°	18	18	19	19	19	19	19	19	19	19	19
-57.5°	15	15	15	15	15	15	15	15	15	15	15
-58.75°	12	13	13	13	13	13	13	13	13	13	13
-60°	10	10	10	11	11	11	11	11	11	11	10
-61.25°	9	9	9	9	9	9	9	9	9	9	9
-62.5°	7	7	7	7	7	7	7	7	7	7	7
-63.75°	6	6	6	6	6	6	6	6	6	6	6
-65°	5	5	5	5	5	5	5	5	5	5	5
-66.25°	3	4	4	4	4	4	4	4	4	4	4
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	4	3	3	3	3	3	3	3	3	2	2
65°	5	5	5	4	4	4	4	4	4	4	3
63.75°	6	6	6	6	6	5	5	5	5	5	5
62.5°	7	7	7	7	7	7	6	6	6	6	6
61.25°	9	9	8	8	8	8	8	8	7	7	7
60°	10	10	10	10	10	10	9	9	9	9	8
58.75°	13	12	12	12	12	11	11	11	10	10	10
57.5°	15	15	15	14	14	14	13	13	13	12	12
56.25°	18	18	18	17	17	16	16	15	15	14	14
55°	22	22	21	21	21	20	19	19	18	17	17
53.75°	27	26	26	25	25	24	23	22	22	21	20
52.5°	31	31	31	30	29	28	28	27	26	25	24
51.25°	38	37	36	35	34	33	32	31	30	29	28
50°	44	43	43	42	41	40	38	37	36	34	32
48.75°	52	51	50	49	47	46	45	43	42	40	38
47.5°	60	60	58	57	56	54	52	51	48	46	44
46.25°	71	70	68	67	65	62	61	59	56	54	52
45°	83	82	80	78	76	73	71	68	65	62	59
43.75°	97	95	93	90	87	85	82	79	76	72	69
42.5°	112	110	107	105	102	99	95	91	87	83	79
41.25°	129	127	124	120	116	113	109	105	101	96	91
40°	148	145	142	138	134	130	125	120	114	109	104
38.75°	169	166	161	157	152	147	142	137	131	125	118
37.5°	192	188	184	179	174	168	161	154	148	141	134
36.25°	217	213	208	202	196	189	183	175	167	159	150
35°	244	239	234	228	221	213	205	196	188	179	170



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	273	268	261	254	246	238	230	220	210	199	189
32.5°	305	299	292	284	275	265	254	245	234	223	211
31.25°	338	331	323	314	305	295	284	271	258	246	234
30°	371	364	356	347	336	325	313	300	286	272	257
28.75°	404	397	389	379	368	356	343	329	314	299	283
27.5°	434	428	420	410	399	387	374	359	343	326	309
26.25°	463	456	448	439	428	416	403	388	372	354	336
25°	489	483	475	466	455	443	430	416	400	382	363
23.75°	515	508	500	491	480	469	456	441	426	408	390
22.5°	541	534	525	515	504	492	480	465	450	433	414
21.25°	567	559	550	539	528	515	502	488	472	455	437
20°	593	585	575	564	551	538	524	509	493	476	458
18.75°	619	610	599	588	575	561	545	530	513	496	477
17.5°	646	636	624	611	598	583	567	550	533	514	496
16.25°	673	662	649	635	620	604	588	570	551	533	513
15°	701	688	674	659	643	626	608	590	570	550	530
13.75°	726	714	700	683	665	647	627	608	588	567	545
12.5°	749	737	723	707	688	667	647	626	604	583	561
11.25°	770	758	744	728	709	688	665	643	620	598	575
10°	788	776	762	746	728	707	683	659	635	611	588
8.75°	805	793	779	762	744	723	700	674	649	624	599
7.5°	820	807	793	776	758	737	714	688	662	636	610
6.25°	832	820	805	788	770	749	726	701	673	646	619
5°	842	830	815	798	780	759	736	711	682	654	627
3.75°	847	837	823	806	787	766	743	718	690	661	633
2.5°	849	843	829	812	792	772	749	724	695	666	637
1.25°	850	845	832	815	795	775	752	727	699	669	640
0°	850	845	833	817	796	776	753	728	700	670	641
-1.25°	850	845	832	815	795	775	752	727	699	669	640
-2.5°	849	843	829	812	792	772	749	724	695	666	637
-3.75°	847	837	823	806	787	766	743	718	690	661	633
-5°	842	830	815	798	780	759	736	711	682	654	627
-6.25°	832	820	805	788	770	749	726	701	673	646	619
-7.5°	820	807	793	776	758	737	714	688	662	636	610
-8.75°	805	793	779	762	744	723	700	674	649	624	599
-10°	788	776	762	746	728	707	683	659	635	611	588
-11.25°	770	758	744	728	709	688	665	643	620	598	575
-12.5°	749	737	723	707	688	667	647	626	604	583	561
-13.75°	726	714	700	683	665	647	627	608	588	567	545
-15°	701	688	674	659	643	626	608	590	570	550	530
-16.25°	673	662	649	635	620	604	588	570	551	533	513
-17.5°	646	636	624	611	598	583	567	550	533	514	496
-18.75°	619	610	599	588	575	561	545	530	513	496	477
-20°	593	585	575	564	551	538	524	509	493	476	458
-21.25°	567	559	550	539	528	515	502	488	472	455	437



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	541	534	525	515	504	492	480	465	450	433	414
-23.75°	515	508	500	491	480	469	456	441	426	408	390
-25°	489	483	475	466	455	443	430	416	400	382	363
-26.25°	463	456	448	439	428	416	403	388	372	354	336
-27.5°	434	428	420	410	399	387	374	359	343	326	309
-28.75°	404	397	389	379	368	356	343	329	314	299	283
-30°	371	364	356	347	336	325	313	300	286	272	257
-31.25°	338	331	323	314	305	295	284	271	258	246	234
-32.5°	305	299	292	284	275	265	254	245	234	223	211
-33.75°	273	268	261	254	246	238	230	220	210	199	189
-35°	244	239	234	228	221	213	205	196	188	179	170
-36.25°	217	213	208	202	196	189	183	175	167	159	150
-37.5°	192	188	184	179	174	168	161	154	148	141	134
-38.75°	169	166	161	157	152	147	142	137	131	125	118
-40°	148	145	142	138	134	130	125	120	114	109	104
-41.25°	129	127	124	120	116	113	109	105	101	96	91
-42.5°	112	110	107	105	102	99	95	91	87	83	79
-43.75°	97	95	93	90	87	85	82	79	76	72	69
-45°	83	82	80	78	76	73	71	68	65	62	59
-46.25°	71	70	68	67	65	62	61	59	56	54	52
-47.5°	60	60	58	57	56	54	52	51	48	46	44
-48.75°	52	51	50	49	47	46	45	43	42	40	38
-50°	44	43	43	42	41	40	38	37	36	34	32
-51.25°	38	37	36	35	34	33	32	31	30	29	28
-52.5°	31	31	31	30	29	28	28	27	26	25	24
-53.75°	27	26	26	25	25	24	23	22	22	21	20
-55°	22	22	21	21	21	20	19	19	18	17	17
-56.25°	18	18	18	17	17	16	16	15	15	14	14
-57.5°	15	15	15	14	14	14	13	13	13	12	12
-58.75°	13	12	12	12	12	11	11	11	10	10	10
-60°	10	10	10	10	10	10	9	9	9	9	8
-61.25°	9	9	8	8	8	8	8	8	7	7	7
-62.5°	7	7	7	7	7	7	6	6	6	6	6
-63.75°	6	6	6	6	6	5	5	5	5	5	5
-65°	5	5	5	4	4	4	4	4	4	4	3
-66.25°	4	3	3	3	3	3	3	3	3	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	2	2	2	2	2	2	2
63.75°	4	4	4	4	4	3	3	3	2	2	2
62.5°	6	5	5	5	5	4	4	4	3	3	3
61.25°	7	6	6	6	6	5	5	5	5	4	4
60°	8	8	7	7	7	6	6	6	6	5	5
58.75°	10	9	9	8	8	8	7	7	7	6	6
57.5°	11	11	10	10	9	9	9	8	8	7	7
56.25°	13	13	12	12	11	10	10	9	9	8	8
55°	16	15	14	14	13	12	12	11	10	10	9
53.75°	19	18	17	16	15	14	14	13	12	11	10
52.5°	22	22	21	19	18	17	16	15	14	13	12
51.25°	27	25	24	23	21	20	19	18	16	15	14
50°	31	30	28	27	25	24	22	21	19	18	16
48.75°	37	35	33	31	29	28	26	24	22	21	19
47.5°	42	40	38	36	34	32	30	28	26	24	22
46.25°	49	46	44	42	39	37	34	32	30	28	25
45°	57	54	51	48	45	42	39	37	34	31	29
43.75°	65	61	58	55	52	48	45	42	39	36	33
42.5°	75	71	67	62	59	55	51	47	44	41	37
41.25°	86	81	77	72	67	62	58	54	50	45	42
40°	99	93	87	82	76	71	65	60	56	52	47
38.75°	112	106	99	93	86	80	75	69	62	58	53
37.5°	127	119	112	105	98	90	84	77	71	65	59
36.25°	143	135	126	117	110	102	94	86	80	73	66
35°	160	150	141	132	123	114	105	97	88	81	74



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	179	168	157	147	137	127	117	108	99	90	82
32.5°	198	187	176	163	151	141	130	119	109	100	90
31.25°	221	207	194	181	168	155	143	132	120	110	100
30°	243	229	214	199	185	171	157	145	133	120	109
28.75°	266	250	235	219	202	188	173	158	145	132	119
27.5°	292	274	255	239	222	204	189	173	157	143	130
26.25°	317	298	279	259	241	223	204	188	171	155	141
25°	343	322	302	281	260	241	222	202	185	168	151
23.75°	369	347	325	303	281	259	239	219	199	181	163
22.5°	394	372	349	325	302	279	255	235	214	194	176
21.25°	417	395	372	347	322	298	274	250	229	207	187
20°	438	417	394	369	343	317	292	266	243	221	198
18.75°	458	437	414	390	363	336	309	283	257	234	211
17.5°	476	455	433	408	382	354	326	299	272	246	223
16.25°	493	472	450	426	400	372	343	314	286	258	234
15°	509	488	465	441	416	388	359	329	300	271	245
13.75°	524	502	480	456	430	403	374	343	313	284	254
12.5°	538	515	492	469	443	416	387	356	325	295	265
11.25°	551	528	504	480	455	428	399	368	336	305	275
10°	564	539	515	491	466	439	410	379	347	314	284
8.75°	575	550	525	500	475	448	420	389	356	323	292
7.5°	585	559	534	508	483	456	428	397	364	331	299
6.25°	593	567	541	515	489	463	434	404	371	338	305
5°	600	574	547	521	495	468	440	410	377	343	310
3.75°	606	579	552	526	499	473	444	414	382	347	314
2.5°	609	583	556	529	502	476	447	417	385	351	316
1.25°	612	585	558	531	504	477	449	419	387	352	318
0°	613	586	559	532	505	478	450	420	388	353	319
-1.25°	612	585	558	531	504	477	449	419	387	352	318
-2.5°	609	583	556	529	502	476	447	417	385	351	316
-3.75°	606	579	552	526	499	473	444	414	382	347	314
-5°	600	574	547	521	495	468	440	410	377	343	310
-6.25°	593	567	541	515	489	463	434	404	371	338	305
-7.5°	585	559	534	508	483	456	428	397	364	331	299
-8.75°	575	550	525	500	475	448	420	389	356	323	292
-10°	564	539	515	491	466	439	410	379	347	314	284
-11.25°	551	528	504	480	455	428	399	368	336	305	275
-12.5°	538	515	492	469	443	416	387	356	325	295	265
-13.75°	524	502	480	456	430	403	374	343	313	284	254
-15°	509	488	465	441	416	388	359	329	300	271	245
-16.25°	493	472	450	426	400	372	343	314	286	258	234
-17.5°	476	455	433	408	382	354	326	299	272	246	223
-18.75°	458	437	414	390	363	336	309	283	257	234	211
-20°	438	417	394	369	343	317	292	266	243	221	198
-21.25°	417	395	372	347	322	298	274	250	229	207	187



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	394	372	349	325	302	279	255	235	214	194	176
-23.75°	369	347	325	303	281	259	239	219	199	181	163
-25°	343	322	302	281	260	241	222	202	185	168	151
-26.25°	317	298	279	259	241	223	204	188	171	155	141
-27.5°	292	274	255	239	222	204	189	173	157	143	130
-28.75°	266	250	235	219	202	188	173	158	145	132	119
-30°	243	229	214	199	185	171	157	145	133	120	109
-31.25°	221	207	194	181	168	155	143	132	120	110	100
-32.5°	198	187	176	163	151	141	130	119	109	100	90
-33.75°	179	168	157	147	137	127	117	108	99	90	82
-35°	160	150	141	132	123	114	105	97	88	81	74
-36.25°	143	135	126	117	110	102	94	86	80	73	66
-37.5°	127	119	112	105	98	90	84	77	71	65	59
-38.75°	112	106	99	93	86	80	75	69	62	58	53
-40°	99	93	87	82	76	71	65	60	56	52	47
-41.25°	86	81	77	72	67	62	58	54	50	45	42
-42.5°	75	71	67	62	59	55	51	47	44	41	37
-43.75°	65	61	58	55	52	48	45	42	39	36	33
-45°	57	54	51	48	45	42	39	37	34	31	29
-46.25°	49	46	44	42	39	37	34	32	30	28	25
-47.5°	42	40	38	36	34	32	30	28	26	24	22
-48.75°	37	35	33	31	29	28	26	24	22	21	19
-50°	31	30	28	27	25	24	22	21	19	18	16
-51.25°	27	25	24	23	21	20	19	18	16	15	14
-52.5°	22	22	21	19	18	17	16	15	14	13	12
-53.75°	19	18	17	16	15	14	14	13	12	11	10
-55°	16	15	14	14	13	12	12	11	10	10	9
-56.25°	13	13	12	12	11	10	10	9	9	8	8
-57.5°	11	11	10	10	9	9	9	8	8	7	7
-58.75°	10	9	9	8	8	8	7	7	7	6	6
-60°	8	8	7	7	7	6	6	6	6	5	5
-61.25°	7	6	6	6	6	5	5	5	5	4	4
-62.5°	6	5	5	5	5	4	4	4	3	3	3
-63.75°	4	4	4	4	4	3	3	3	2	2	2
-65°	3	3	3	3	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	2	2	2	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	3	3	3	2	2	2	2	2	2	2	1
60°	4	4	4	3	3	2	2	2	2	2	2
58.75°	5	5	5	4	4	3	3	2	2	2	2
57.5°	6	6	6	5	5	4	4	3	3	2	2
56.25°	7	7	6	6	6	5	5	4	4	3	2
55°	9	8	7	7	6	6	5	5	4	4	3
53.75°	10	9	9	8	7	7	6	6	5	5	4
52.5°	11	10	10	9	8	8	7	7	6	5	5
51.25°	13	12	11	10	10	9	8	7	7	6	6
50°	15	14	13	12	11	10	9	8	8	7	6
48.75°	18	16	15	14	12	11	10	9	9	8	7
47.5°	20	19	17	15	14	13	12	10	10	9	8
46.25°	23	21	20	18	16	14	13	12	11	10	9
45°	27	24	22	20	18	16	15	13	12	11	10
43.75°	30	28	25	23	21	19	17	15	13	12	11
42.5°	34	31	29	26	23	21	19	17	15	13	12
41.25°	39	35	32	29	26	23	21	19	17	15	13
40°	43	40	36	32	29	26	23	21	19	16	14
38.75°	48	44	40	36	32	29	26	23	21	18	16
37.5°	54	49	44	40	36	32	29	26	23	20	18
36.25°	60	55	49	44	40	36	32	29	25	22	20
35°	67	60	55	49	44	40	35	31	28	24	21



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	74	67	60	54	48	43	39	34	30	27	23
32.5°	82	74	66	59	53	47	42	37	33	29	25
31.25°	90	81	73	65	58	52	45	41	36	31	28
30°	99	88	80	71	62	56	50	44	39	34	30
28.75°	108	97	86	77	69	60	54	47	42	37	32
27.5°	117	105	94	84	75	65	58	51	45	39	34
26.25°	127	114	102	90	80	71	62	55	48	42	37
25°	137	123	110	98	86	76	67	59	52	45	39
23.75°	147	132	117	105	93	82	72	62	55	48	42
22.5°	157	141	126	112	99	87	77	67	58	51	44
21.25°	168	150	135	119	106	93	81	71	61	54	46
20°	179	160	143	127	112	99	86	75	65	57	49
18.75°	189	170	150	134	118	104	91	79	69	59	52
17.5°	199	179	159	141	125	109	96	83	72	62	54
16.25°	210	188	167	148	131	114	101	87	76	65	56
15°	220	196	175	154	137	120	105	91	79	68	59
13.75°	230	205	183	161	142	125	109	95	82	71	61
12.5°	238	213	189	168	147	130	113	99	85	73	62
11.25°	246	221	196	174	152	134	116	102	87	76	65
10°	254	228	202	179	157	138	120	105	90	78	67
8.75°	261	234	208	184	161	142	124	107	93	80	68
7.5°	268	239	213	188	166	145	127	110	95	82	70
6.25°	273	244	217	192	169	148	129	112	97	83	71
5°	278	248	221	195	172	150	131	113	98	84	72
3.75°	282	250	223	197	174	151	133	115	100	85	73
2.5°	284	253	225	199	175	153	134	115	100	86	74
1.25°	286	254	227	200	176	153	135	116	101	86	74
0°	286	254	227	200	177	154	135	116	101	86	74
-1.25°	286	254	227	200	176	153	135	116	101	86	74
-2.5°	284	253	225	199	175	153	134	115	100	86	74
-3.75°	282	250	223	197	174	151	133	115	100	85	73
-5°	278	248	221	195	172	150	131	113	98	84	72
-6.25°	273	244	217	192	169	148	129	112	97	83	71
-7.5°	268	239	213	188	166	145	127	110	95	82	70
-8.75°	261	234	208	184	161	142	124	107	93	80	68
-10°	254	228	202	179	157	138	120	105	90	78	67
-11.25°	246	221	196	174	152	134	116	102	87	76	65
-12.5°	238	213	189	168	147	130	113	99	85	73	62
-13.75°	230	205	183	161	142	125	109	95	82	71	61
-15°	220	196	175	154	137	120	105	91	79	68	59
-16.25°	210	188	167	148	131	114	101	87	76	65	56
-17.5°	199	179	159	141	125	109	96	83	72	62	54
-18.75°	189	170	150	134	118	104	91	79	69	59	52
-20°	179	160	143	127	112	99	86	75	65	57	49
-21.25°	168	150	135	119	106	93	81	71	61	54	46



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	157	141	126	112	99	87	77	67	58	51	44
-23.75°	147	132	117	105	93	82	72	62	55	48	42
-25°	137	123	110	98	86	76	67	59	52	45	39
-26.25°	127	114	102	90	80	71	62	55	48	42	37
-27.5°	117	105	94	84	75	65	58	51	45	39	34
-28.75°	108	97	86	77	69	60	54	47	42	37	32
-30°	99	88	80	71	62	56	50	44	39	34	30
-31.25°	90	81	73	65	58	52	45	41	36	31	28
-32.5°	82	74	66	59	53	47	42	37	33	29	25
-33.75°	74	67	60	54	48	43	39	34	30	27	23
-35°	67	60	55	49	44	40	35	31	28	24	21
-36.25°	60	55	49	44	40	36	32	29	25	22	20
-37.5°	54	49	44	40	36	32	29	26	23	20	18
-38.75°	48	44	40	36	32	29	26	23	21	18	16
-40°	43	40	36	32	29	26	23	21	19	16	14
-41.25°	39	35	32	29	26	23	21	19	17	15	13
-42.5°	34	31	29	26	23	21	19	17	15	13	12
-43.75°	30	28	25	23	21	19	17	15	13	12	11
-45°	27	24	22	20	18	16	15	13	12	11	10
-46.25°	23	21	20	18	16	14	13	12	11	10	9
-47.5°	20	19	17	15	14	13	12	10	10	9	8
-48.75°	18	16	15	14	12	11	10	9	9	8	7
-50°	15	14	13	12	11	10	9	8	8	7	6
-51.25°	13	12	11	10	10	9	8	7	7	6	6
-52.5°	11	10	10	9	8	8	7	7	6	5	5
-53.75°	10	9	9	8	7	7	6	6	5	5	4
-55°	9	8	7	7	6	6	5	5	4	4	3
-56.25°	7	7	6	6	6	5	5	4	4	3	2
-57.5°	6	6	6	5	5	4	4	3	3	2	2
-58.75°	5	5	5	4	4	3	3	2	2	2	2
-60°	4	4	4	3	3	2	2	2	2	2	2
-61.25°	3	3	3	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	2	1	1	1	1	1	1	0	0	0	0
58.75°	2	2	1	1	1	1	1	1	0	0	0
57.5°	2	2	2	1	1	1	1	1	1	0	0
56.25°	2	2	2	2	2	1	1	1	1	1	0
55°	3	2	2	2	2	2	1	1	1	1	1
53.75°	3	3	2	2	2	2	2	1	1	1	1
52.5°	4	4	3	2	2	2	2	2	1	1	1
51.25°	5	4	4	3	2	2	2	2	1	1	1
50°	6	5	4	4	3	2	2	2	2	1	1
48.75°	6	6	5	4	4	3	2	2	2	2	1
47.5°	7	6	6	5	4	3	3	2	2	2	2
46.25°	8	7	6	6	5	4	3	2	2	2	2
45°	9	8	7	6	5	5	4	3	2	2	2
43.75°	10	9	8	7	6	5	4	4	3	2	2
42.5°	10	9	8	7	7	6	5	4	3	2	2
41.25°	12	10	9	8	7	6	5	5	4	3	2
40°	13	11	10	9	8	7	6	5	4	3	2
38.75°	14	12	11	10	8	7	6	6	5	4	3
37.5°	15	14	12	10	9	8	7	6	5	4	3
36.25°	17	15	13	11	10	9	7	6	6	5	4
35°	19	16	14	12	10	9	8	7	6	5	4



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	20	18	15	13	11	10	9	7	6	5	4
32.5°	22	19	16	14	12	10	9	8	7	6	5
31.25°	24	21	18	15	13	11	10	8	7	6	5
30°	26	22	19	16	14	12	10	9	8	7	6
28.75°	28	24	21	18	15	13	11	9	8	7	6
27.5°	30	26	22	19	16	14	12	10	9	7	6
26.25°	32	28	24	20	17	14	12	10	9	8	6
25°	34	29	25	21	18	15	13	11	9	8	7
23.75°	36	31	27	23	19	16	14	12	10	8	7
22.5°	38	33	28	24	21	17	14	12	10	9	7
21.25°	40	35	30	25	22	18	15	13	11	9	8
20°	42	37	31	27	22	19	16	13	11	10	8
18.75°	44	38	32	28	24	20	17	14	12	10	8
17.5°	46	40	34	29	25	21	17	14	12	10	9
16.25°	48	42	36	30	26	22	18	15	13	10	9
15°	51	43	37	31	27	22	19	15	13	11	9
13.75°	52	45	38	32	28	23	19	16	13	11	9
12.5°	54	46	40	33	28	24	20	16	14	11	10
11.25°	56	47	41	34	29	25	21	17	14	12	10
10°	57	49	42	35	30	25	21	17	14	12	10
8.75°	58	50	43	36	31	26	21	18	15	12	10
7.5°	60	51	43	37	31	26	22	18	15	12	10
6.25°	60	52	44	38	31	27	22	18	15	13	10
5°	61	53	45	38	32	27	22	19	15	13	10
3.75°	62	53	45	38	32	27	23	19	15	13	11
2.5°	62	54	45	39	32	27	23	19	15	13	11
1.25°	63	54	45	39	32	28	23	19	15	13	11
0°	63	54	46	39	33	28	23	19	15	13	11
-1.25°	63	54	45	39	32	28	23	19	15	13	11
-2.5°	62	54	45	39	32	27	23	19	15	13	11
-3.75°	62	53	45	38	32	27	23	19	15	13	11
-5°	61	53	45	38	32	27	22	19	15	13	10
-6.25°	60	52	44	38	31	27	22	18	15	13	10
-7.5°	60	51	43	37	31	26	22	18	15	12	10
-8.75°	58	50	43	36	31	26	21	18	15	12	10
-10°	57	49	42	35	30	25	21	17	14	12	10
-11.25°	56	47	41	34	29	25	21	17	14	12	10
-12.5°	54	46	40	33	28	24	20	16	14	11	10
-13.75°	52	45	38	32	28	23	19	16	13	11	9
-15°	51	43	37	31	27	22	19	15	13	11	9
-16.25°	48	42	36	30	26	22	18	15	13	10	9
-17.5°	46	40	34	29	25	21	17	14	12	10	9
-18.75°	44	38	32	28	24	20	17	14	12	10	8
-20°	42	37	31	27	22	19	16	13	11	10	8
-21.25°	40	35	30	25	22	18	15	13	11	9	8



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	38	33	28	24	21	17	14	12	10	9	7
-23.75°	36	31	27	23	19	16	14	12	10	8	7
-25°	34	29	25	21	18	15	13	11	9	8	7
-26.25°	32	28	24	20	17	14	12	10	9	8	6
-27.5°	30	26	22	19	16	14	12	10	9	7	6
-28.75°	28	24	21	18	15	13	11	9	8	7	6
-30°	26	22	19	16	14	12	10	9	8	7	6
-31.25°	24	21	18	15	13	11	10	8	7	6	5
-32.5°	22	19	16	14	12	10	9	8	7	6	5
-33.75°	20	18	15	13	11	10	9	7	6	5	4
-35°	19	16	14	12	10	9	8	7	6	5	4
-36.25°	17	15	13	11	10	9	7	6	6	5	4
-37.5°	15	14	12	10	9	8	7	6	5	4	3
-38.75°	14	12	11	10	8	7	6	6	5	4	3
-40°	13	11	10	9	8	7	6	5	4	3	2
-41.25°	12	10	9	8	7	6	5	5	4	3	2
-42.5°	10	9	8	7	7	6	5	4	3	2	2
-43.75°	10	9	8	7	6	5	4	4	3	2	2
-45°	9	8	7	6	5	5	4	3	2	2	2
-46.25°	8	7	6	6	5	4	3	2	2	2	2
-47.5°	7	6	6	5	4	3	3	2	2	2	2
-48.75°	6	6	5	4	4	3	2	2	2	2	1
-50°	6	5	4	4	3	2	2	2	2	1	1
-51.25°	5	4	4	3	2	2	2	2	1	1	1
-52.5°	4	4	3	2	2	2	2	2	1	1	1
-53.75°	3	3	2	2	2	2	2	1	1	1	1
-55°	3	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	0
-57.5°	2	2	2	1	1	1	1	1	1	0	0
-58.75°	2	2	1	1	1	1	1	1	0	0	0
-60°	2	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	3	2	2	2	1	1	1	0	0	0	0
32.5°	4	3	2	2	2	1	1	1	0	0	0
31.25°	4	3	2	2	2	1	1	1	0	0	0
30°	5	3	2	2	2	1	1	1	0	0	0
28.75°	5	4	3	2	2	1	1	1	0	0	0
27.5°	5	4	3	2	2	2	1	1	1	0	0
26.25°	5	4	3	2	2	2	1	1	1	0	0
25°	6	5	4	2	2	2	1	1	1	0	0
23.75°	6	5	4	3	2	2	1	1	1	0	0
22.5°	6	5	4	3	2	2	1	1	1	0	0
21.25°	6	5	4	3	2	2	2	1	1	0	0
20°	7	6	4	3	2	2	2	1	1	0	0
18.75°	7	6	5	3	2	2	2	1	1	0	0
17.5°	7	6	5	4	2	2	2	1	1	1	0
16.25°	7	6	5	4	3	2	2	1	1	1	0
15°	8	6	5	4	3	2	2	1	1	1	0
13.75°	8	6	5	4	3	2	2	1	1	1	0
12.5°	8	7	5	4	3	2	2	1	1	1	0
11.25°	8	7	6	4	3	2	2	1	1	1	0
10°	8	7	6	4	3	2	2	1	1	1	0
8.75°	8	7	6	5	3	2	2	2	1	1	0
7.5°	9	7	6	5	3	2	2	2	1	1	0
6.25°	9	7	6	5	4	2	2	2	1	1	0
5°	9	7	6	5	4	2	2	2	1	1	0
3.75°	9	7	6	5	4	2	2	2	1	1	0
2.5°	9	7	6	5	4	2	2	2	1	1	0
1.25°	9	7	6	5	4	2	2	2	1	1	0
0°	9	7	6	5	4	2	2	2	1	1	0
-1.25°	9	7	6	5	4	2	2	2	1	1	0
-2.5°	9	7	6	5	4	2	2	2	1	1	0
-3.75°	9	7	6	5	4	2	2	2	1	1	0
-5°	9	7	6	5	4	2	2	2	1	1	0
-6.25°	9	7	6	5	4	2	2	2	1	1	0
-7.5°	9	7	6	5	3	2	2	2	1	1	0
-8.75°	8	7	6	5	3	2	2	2	1	1	0
-10°	8	7	6	4	3	2	2	1	1	1	0
-11.25°	8	7	6	4	3	2	2	1	1	1	0
-12.5°	8	7	5	4	3	2	2	1	1	1	0
-13.75°	8	6	5	4	3	2	2	1	1	1	0
-15°	8	6	5	4	3	2	2	1	1	1	0
-16.25°	7	6	5	4	3	2	2	1	1	1	0
-17.5°	7	6	5	4	2	2	2	1	1	1	0
-18.75°	7	6	5	3	2	2	2	1	1	0	0
-20°	7	6	4	3	2	2	2	1	1	0	0
-21.25°	6	5	4	3	2	2	2	1	1	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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°	6	5	4	3	2	2	1	1	1	0	0
-23.75°	6	5	4	3	2	2	1	1	1	0	0
-25°	6	5	4	2	2	2	1	1	1	0	0
-26.25°	5	4	3	2	2	2	1	1	1	0	0
-27.5°	5	4	3	2	2	2	1	1	1	0	0
-28.75°	5	4	3	2	2	1	1	1	0	0	0
-30°	5	3	2	2	2	1	1	1	0	0	0
-31.25°	4	3	2	2	2	1	1	1	0	0	0
-32.5°	4	3	2	2	2	1	1	1	0	0	0
-33.75°	3	2	2	2	1	1	1	0	0	0	0
-35°	3	2	2	2	1	1	1	0	0	0	0
-36.25°	3	2	2	2	1	1	1	0	0	0	0
-37.5°	2	2	2	1	1	1	1	0	0	0	0
-38.75°	2	2	2	1	1	1	0	0	0	0	0
-40°	2	2	2	1	1	1	0	0	0	0	0
-41.25°	2	2	1	1	1	1	0	0	0	0	0
-42.5°	2	2	1	1	1	0	0	0	0	0	0
-43.75°	2	1	1	1	1	0	0	0	0	0	0
-45°	2	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	0	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-W-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: P220431 (CONVERTED FROM TYPE C PHOTOMETRY)

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