

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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

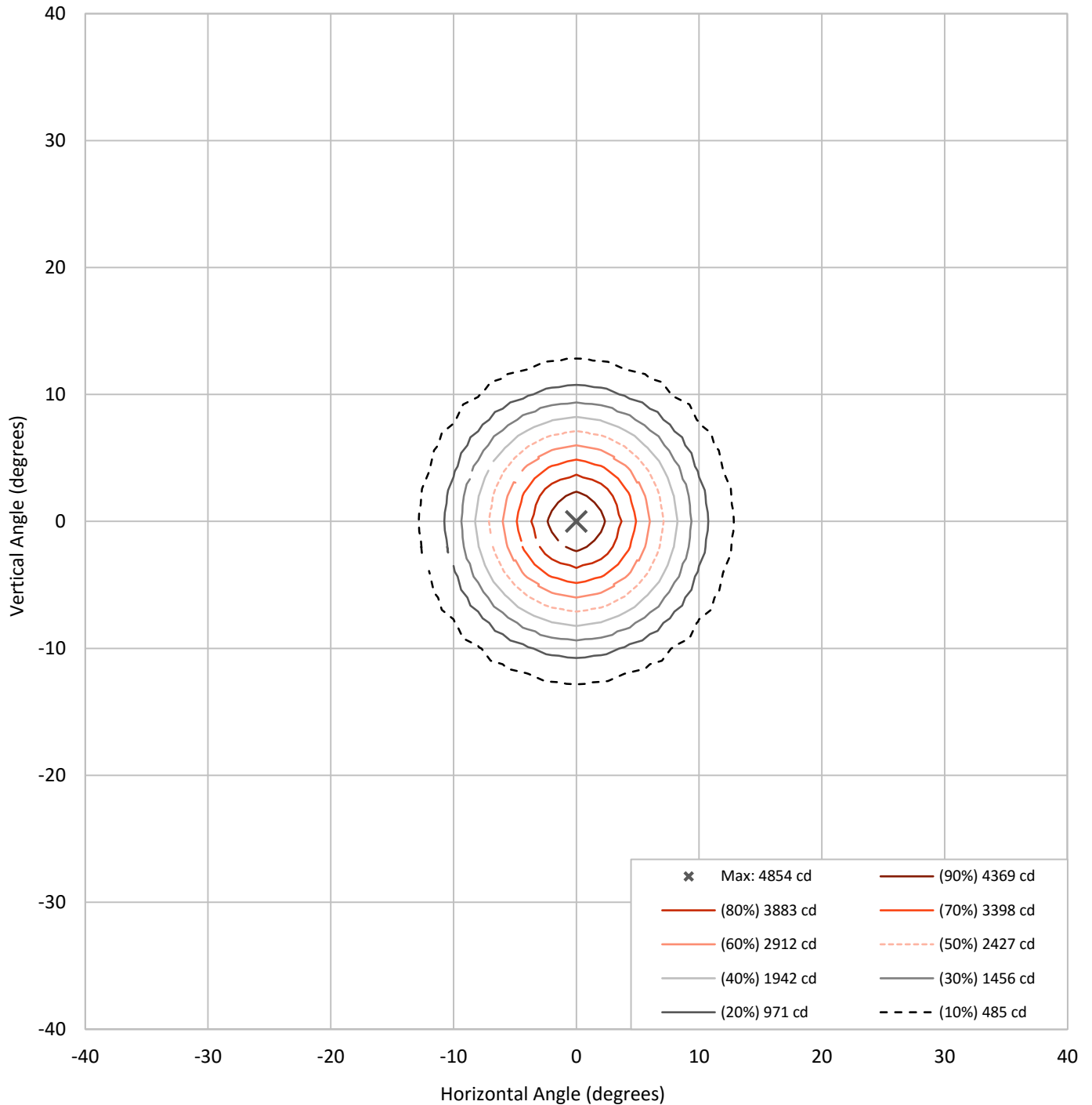
Test Method: LM-79-08
Report Number: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29409)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	379.6 lumens	Max Intensity:	4854 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	38.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.2°H x 14.2°V	Field Angle (10%):	25.2°H x 25.2°V
Beam Lumens:	157.6 lumens	Field Lumens:	290.3 lumens
Beam Efficiency:	41.5%	Field Efficiency:	76.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (A _{in}):	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

Iso-Candela Plot





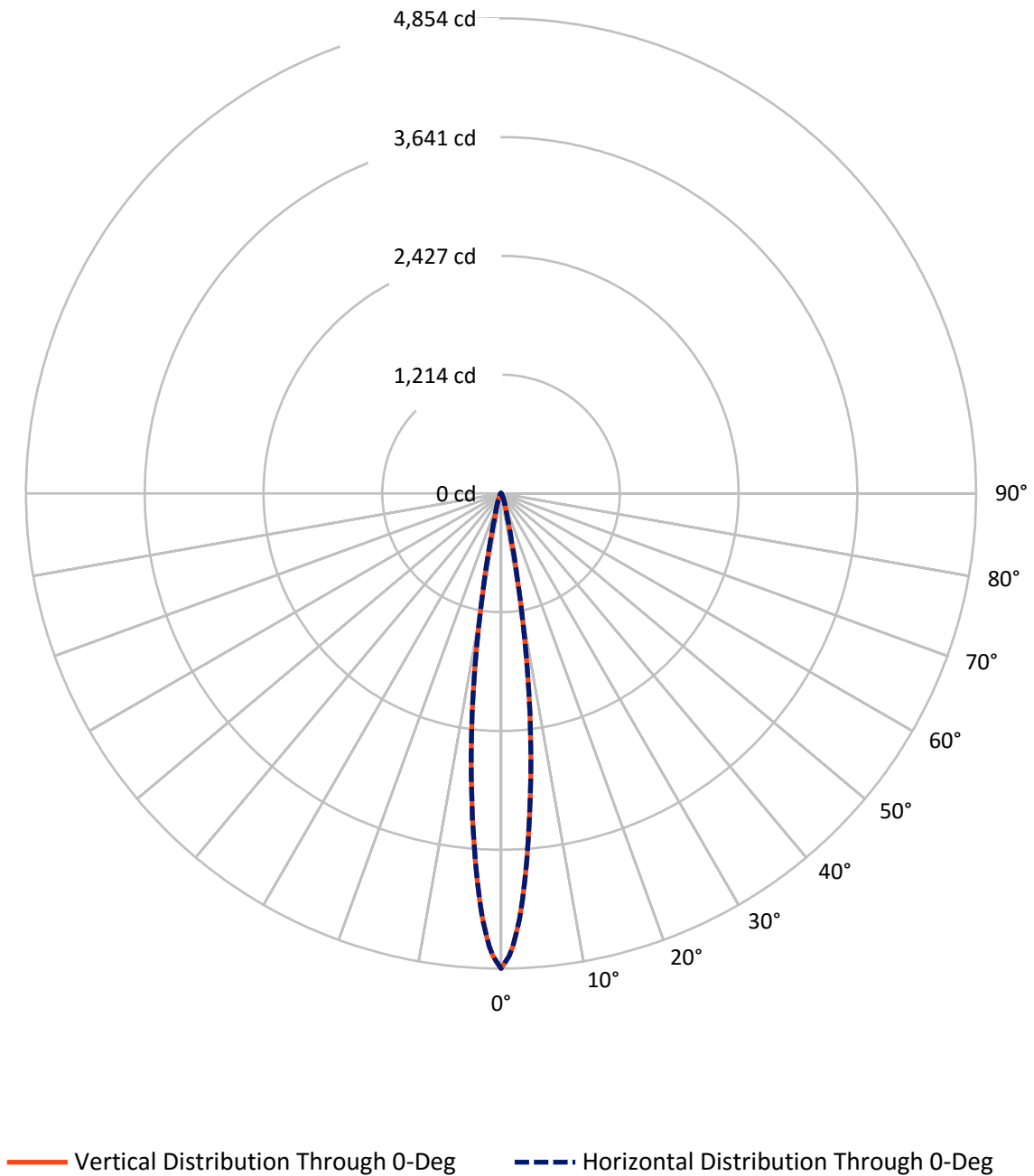
REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

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	
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	
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	
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0		0.0
30	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0	0.0
20		0.0	0.1	0.1	0.2	0.7	3.0	8.4	8.4	3.0	0.7	0.2	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.1	0.2	1.4	8.2	67.3	67.3	8.2	1.4	0.2	0.1	0.1	0.0	0.0
0		0.0	0.1	0.1	0.2	1.4	8.2	67.3	67.3	8.2	1.4	0.2	0.1	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.2	0.7	3.0	8.4	8.4	3.0	0.7	0.2	0.1	0.1	0.0	0.0
-20		0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0	
-30	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0
-40		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-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	

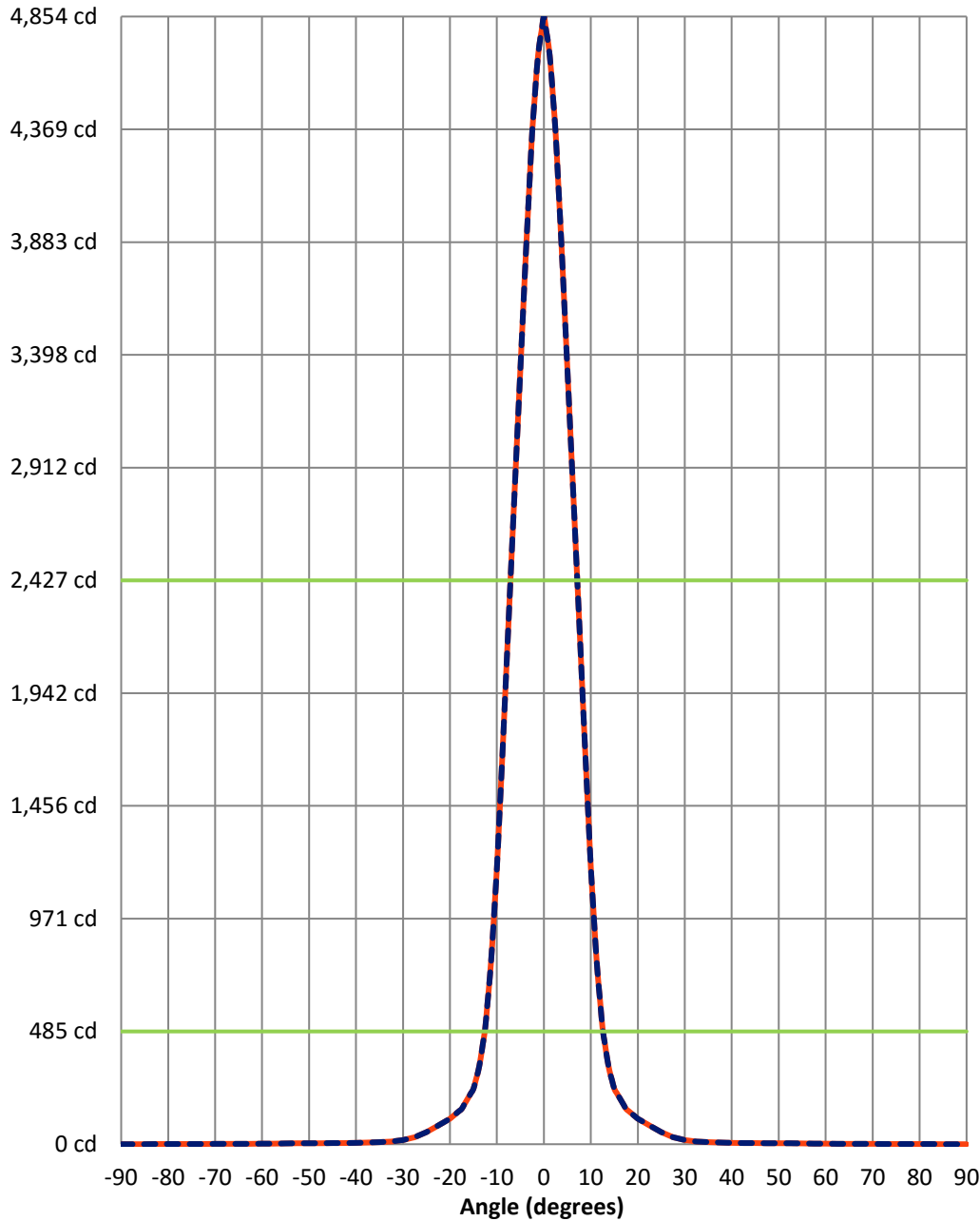
REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 14.2°
 V Angle: 14.2°
 Lumens: 157.6
 Efficiency: 41.5%

Field:
 H Angle: 25.2°
 V Angle: 25.2°
 Lumens: 290.3
 Efficiency: 76.5%

Spill:
 Lumens: 89.3
 Efficiency: 23.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	0	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	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	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	0	1	1	1	1
30°	0	0	0	0	0	0	0	1	1	1	1
28.75°	0	0	0	0	0	0	1	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	1	1	1	1	1
20°	0	0	0	0	0	0	1	1	1	1	1
18.75°	0	0	0	0	0	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	1	1	1	1	1
-18.75°	0	0	0	0	0	0	1	1	1	1	1
-20°	0	0	0	0	0	0	1	1	1	1	1
-21.25°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-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	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1
73.75°	0	0	0	0	0	0	0	0	0	1	1
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	0	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	0	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	1
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	2
38.75°	1	1	1	1	1	1	1	1	1	1	2
37.5°	1	1	1	1	1	1	1	1	1	1	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	1	2	2



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	2	2
32.5°	1	1	1	1	1	1	1	1	2	2	2
31.25°	1	1	1	1	1	1	1	1	2	2	2
30°	1	1	1	1	1	1	1	1	2	2	2
28.75°	1	1	1	1	1	1	1	1	2	2	2
27.5°	1	1	1	1	1	1	1	2	2	2	2
26.25°	1	1	1	1	1	1	1	2	2	2	2
25°	1	1	1	1	1	1	1	2	2	2	2
23.75°	1	1	1	1	1	1	1	2	2	2	2
22.5°	1	1	1	1	1	1	1	2	2	2	2
21.25°	1	1	1	1	1	1	2	2	2	2	2
20°	1	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	1	2	2	2	2	2
17.5°	1	1	1	1	1	1	2	2	2	2	2
16.25°	1	1	1	1	1	1	2	2	2	2	2
15°	1	1	1	1	1	1	2	2	2	2	2
13.75°	1	1	1	1	1	1	2	2	2	2	2
12.5°	1	1	1	1	1	1	2	2	2	2	2
11.25°	1	1	1	1	1	1	2	2	2	2	2
10°	1	1	1	1	1	1	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	1	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	1	2	2	2	2	2
-11.25°	1	1	1	1	1	1	2	2	2	2	2
-12.5°	1	1	1	1	1	1	2	2	2	2	2
-13.75°	1	1	1	1	1	1	2	2	2	2	2
-15°	1	1	1	1	1	1	2	2	2	2	2
-16.25°	1	1	1	1	1	1	2	2	2	2	2
-17.5°	1	1	1	1	1	1	2	2	2	2	2
-18.75°	1	1	1	1	1	1	2	2	2	2	2
-20°	1	1	1	1	1	1	2	2	2	2	2
-21.25°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	2	2	2	2
-23.75°	1	1	1	1	1	1	1	2	2	2	2
-25°	1	1	1	1	1	1	1	2	2	2	2
-26.25°	1	1	1	1	1	1	1	2	2	2	2
-27.5°	1	1	1	1	1	1	1	2	2	2	2
-28.75°	1	1	1	1	1	1	1	1	2	2	2
-30°	1	1	1	1	1	1	1	1	2	2	2
-31.25°	1	1	1	1	1	1	1	1	2	2	2
-32.5°	1	1	1	1	1	1	1	1	2	2	2
-33.75°	1	1	1	1	1	1	1	1	1	2	2
-35°	1	1	1	1	1	1	1	1	1	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	1	2
-38.75°	1	1	1	1	1	1	1	1	1	1	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-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	1
-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°	0	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	1	1	1	1	1	1	1
-70°	0	0	0	0	0	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	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	1	1
-75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	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	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	1	2	2	2	2
53.75°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	1	1	2	2	2	2	2	2
50°	1	1	1	1	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	1	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	2	3	3	3	4
-23.75°	2	2	2	2	2	2	2	2	3	3	4
-25°	2	2	2	2	2	2	2	2	3	3	4
-26.25°	2	2	2	2	2	2	2	2	3	3	3
-27.5°	2	2	2	2	2	2	2	2	2	3	3
-28.75°	2	2	2	2	2	2	2	2	2	3	3
-30°	2	2	2	2	2	2	2	2	2	3	3
-31.25°	2	2	2	2	2	2	2	2	2	2	3
-32.5°	2	2	2	2	2	2	2	2	2	2	3
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	1	2	2	2	2	2	2	2	2	2	2
-45°	1	2	2	2	2	2	2	2	2	2	2
-46.25°	1	1	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	1	2	2	2	2	2	2	2
-51.25°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	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°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	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	2
47.5°	2	2	2	2	2	2	2	2	2	2	3
46.25°	2	2	2	2	2	2	2	2	2	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	4
42.5°	2	2	2	2	2	3	3	3	3	4	4
41.25°	2	2	2	2	3	3	3	3	4	4	4
40°	2	2	2	3	3	3	3	4	4	4	4
38.75°	2	2	2	3	3	3	4	4	4	4	4
37.5°	2	2	3	3	3	4	4	4	4	4	4
36.25°	2	3	3	3	4	4	4	4	4	4	4
35°	2	3	3	3	4	4	4	4	4	4	4



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	4	4	4	4	4	4	4	4
32.5°	3	3	4	4	4	4	4	4	4	4	4
31.25°	3	3	4	4	4	4	4	4	4	4	4
30°	3	4	4	4	4	4	4	4	4	4	5
28.75°	3	4	4	4	4	4	4	4	4	5	5
27.5°	4	4	4	4	4	4	4	4	5	5	5
26.25°	4	4	4	4	4	4	4	4	5	5	5
25°	4	4	4	4	4	4	4	5	5	5	5
23.75°	4	4	4	4	4	4	4	5	5	5	5
22.5°	4	4	4	4	4	4	5	5	5	5	5
21.25°	4	4	4	4	4	4	5	5	5	5	5
20°	4	4	4	4	4	5	5	5	5	5	5
18.75°	4	4	4	4	4	5	5	5	5	5	6
17.5°	4	4	4	4	4	5	5	5	5	5	6
16.25°	4	4	4	4	5	5	5	5	5	6	6
15°	4	4	4	4	5	5	5	5	5	6	6
13.75°	4	4	4	4	5	5	5	5	5	6	7
12.5°	4	4	4	4	5	5	5	5	6	6	7
11.25°	4	4	4	5	5	5	5	5	6	6	7
10°	4	4	4	5	5	5	5	5	6	7	7
8.75°	4	4	4	5	5	5	5	5	6	7	8
7.5°	4	4	4	5	5	5	5	6	6	7	8
6.25°	4	4	4	5	5	5	5	6	6	7	8
5°	4	4	4	5	5	5	5	6	6	7	8
3.75°	4	4	4	5	5	5	5	6	6	7	8
2.5°	4	4	4	5	5	5	5	6	6	7	8
1.25°	4	4	4	5	5	5	5	6	6	7	8
0°	4	4	5	5	5	5	5	6	7	7	8
-1.25°	4	4	4	5	5	5	5	6	6	7	8
-2.5°	4	4	4	5	5	5	5	6	6	7	8
-3.75°	4	4	4	5	5	5	5	6	6	7	8
-5°	4	4	4	5	5	5	5	6	6	7	8
-6.25°	4	4	4	5	5	5	5	6	6	7	8
-7.5°	4	4	4	5	5	5	5	6	6	7	8
-8.75°	4	4	4	5	5	5	5	5	6	7	8
-10°	4	4	4	5	5	5	5	5	6	7	7
-11.25°	4	4	4	5	5	5	5	5	6	6	7
-12.5°	4	4	4	4	5	5	5	5	6	6	7
-13.75°	4	4	4	4	5	5	5	5	5	6	7
-15°	4	4	4	4	5	5	5	5	5	6	6
-16.25°	4	4	4	4	5	5	5	5	5	6	6
-17.5°	4	4	4	4	4	5	5	5	5	5	6
-18.75°	4	4	4	4	4	5	5	5	5	5	6
-20°	4	4	4	4	4	5	5	5	5	5	5
-21.25°	4	4	4	4	4	4	5	5	5	5	5



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	4	4	5	5	5	5	5
-23.75°	4	4	4	4	4	4	4	5	5	5	5
-25°	4	4	4	4	4	4	4	5	5	5	5
-26.25°	4	4	4	4	4	4	4	4	5	5	5
-27.5°	4	4	4	4	4	4	4	4	5	5	5
-28.75°	3	4	4	4	4	4	4	4	4	5	5
-30°	3	4	4	4	4	4	4	4	4	4	5
-31.25°	3	3	4	4	4	4	4	4	4	4	4
-32.5°	3	3	4	4	4	4	4	4	4	4	4
-33.75°	3	3	3	4	4	4	4	4	4	4	4
-35°	2	3	3	3	4	4	4	4	4	4	4
-36.25°	2	3	3	3	4	4	4	4	4	4	4
-37.5°	2	2	3	3	3	4	4	4	4	4	4
-38.75°	2	2	2	3	3	3	4	4	4	4	4
-40°	2	2	2	3	3	3	3	4	4	4	4
-41.25°	2	2	2	2	3	3	3	3	4	4	4
-42.5°	2	2	2	2	2	3	3	3	3	4	4
-43.75°	2	2	2	2	2	2	3	3	3	3	4
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	2	2	3	3
-47.5°	2	2	2	2	2	2	2	2	2	2	3
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	0	0	1	1	1	1	1
-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	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	2	2	2	2	2
66.25°	1	1	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	3
52.5°	2	2	2	2	2	2	2	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	3
50°	2	2	3	3	3	3	3	3	4	4	4
48.75°	2	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	4	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	5
40°	4	4	4	4	4	4	4	4	5	5	5
38.75°	4	4	4	4	4	4	5	5	5	5	5
37.5°	4	4	4	4	4	5	5	5	5	5	5
36.25°	4	4	4	4	5	5	5	5	5	5	5
35°	4	4	4	5	5	5	5	5	5	5	5



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	4	4	5	5	5	5	5	5	5	6	6
32.5°	4	5	5	5	5	5	5	5	6	6	6
31.25°	5	5	5	5	5	5	5	6	6	7	7
30°	5	5	5	5	5	6	6	6	7	7	8
28.75°	5	5	5	5	6	6	6	7	7	8	8
27.5°	5	5	5	5	6	6	7	7	8	8	9
26.25°	5	5	5	6	6	7	7	8	8	9	10
25°	5	5	6	6	7	7	8	8	9	10	11
23.75°	5	6	6	7	7	8	8	9	10	11	12
22.5°	5	6	6	7	8	8	9	10	11	12	14
21.25°	6	6	7	8	8	9	10	11	12	14	16
20°	6	7	7	8	9	9	10	11	14	16	19
18.75°	6	7	8	8	9	10	11	13	16	18	23
17.5°	7	7	8	9	10	11	12	15	17	22	27
16.25°	7	8	8	9	10	11	14	16	20	25	30
15°	7	8	9	10	11	12	15	18	23	28	36
13.75°	7	8	9	10	11	14	17	21	26	32	42
12.5°	8	8	9	10	12	15	18	23	29	37	47
11.25°	8	9	10	11	13	16	20	26	32	42	52
10°	8	9	10	11	14	17	22	28	36	46	57
8.75°	8	9	10	12	15	18	24	30	40	50	63
7.5°	8	9	11	13	16	20	26	32	43	54	67
6.25°	9	10	11	13	16	21	27	35	46	58	71
5°	9	10	11	14	17	22	28	37	48	61	74
3.75°	9	10	11	14	17	23	29	39	50	63	77
2.5°	9	10	11	14	18	24	30	40	51	65	79
1.25°	9	10	11	15	18	24	30	41	52	66	80
0°	9	10	11	15	18	24	30	41	52	66	80
-1.25°	9	10	11	15	18	24	30	41	52	66	80
-2.5°	9	10	11	14	18	24	30	40	51	65	79
-3.75°	9	10	11	14	17	23	29	39	50	63	77
-5°	9	10	11	14	17	22	28	37	48	61	74
-6.25°	9	10	11	13	16	21	27	35	46	58	71
-7.5°	8	9	11	13	16	20	26	32	43	54	67
-8.75°	8	9	10	12	15	18	24	30	40	50	63
-10°	8	9	10	11	14	17	22	28	36	46	57
-11.25°	8	9	10	11	13	16	20	26	32	42	52
-12.5°	8	8	9	10	12	15	18	23	29	37	47
-13.75°	7	8	9	10	11	14	17	21	26	32	42
-15°	7	8	9	10	11	12	15	18	23	28	36
-16.25°	7	8	8	9	10	11	14	16	20	25	30
-17.5°	7	7	8	9	10	11	12	15	17	22	27
-18.75°	6	7	8	8	9	10	11	13	16	18	23
-20°	6	7	7	8	9	9	10	11	14	16	19
-21.25°	6	6	7	8	8	9	10	11	12	14	16



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	5	6	6	7	8	8	9	10	11	12	14
-23.75°	5	6	6	7	7	8	8	9	10	11	12
-25°	5	5	6	6	7	7	8	8	9	10	11
-26.25°	5	5	5	6	6	7	7	8	8	9	10
-27.5°	5	5	5	5	6	6	7	7	8	8	9
-28.75°	5	5	5	5	6	6	6	7	7	8	8
-30°	5	5	5	5	5	6	6	6	7	7	8
-31.25°	5	5	5	5	5	5	5	6	6	7	7
-32.5°	4	5	5	5	5	5	5	5	6	6	6
-33.75°	4	4	5	5	5	5	5	5	5	6	6
-35°	4	4	4	5	5	5	5	5	5	5	5
-36.25°	4	4	4	4	5	5	5	5	5	5	5
-37.5°	4	4	4	4	4	5	5	5	5	5	5
-38.75°	4	4	4	4	4	4	5	5	5	5	5
-40°	4	4	4	4	4	4	4	4	5	5	5
-41.25°	4	4	4	4	4	4	4	4	4	4	5
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	2	3	3	3	3	3	4	4	4	4	4
-50°	2	2	3	3	3	3	3	3	4	4	4
-51.25°	2	2	2	2	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	2	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	3
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	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	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	5	5	5
43.75°	4	4	4	4	5	5	5	5	5	5	5
42.5°	4	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	5	5	5	5	5	5	5	5	5	5	5
38.75°	5	5	5	5	5	5	5	6	6	6	6
37.5°	5	5	5	5	6	6	6	6	6	7	7
36.25°	5	5	6	6	6	6	7	7	7	7	8
35°	6	6	6	7	7	7	7	8	8	8	8



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	6	7	7	7	8	8	8	8	9	9	9
32.5°	7	7	8	8	8	9	9	9	10	10	10
31.25°	8	8	8	9	9	10	10	10	11	11	12
30°	8	9	9	10	10	11	11	12	13	14	15
28.75°	9	9	10	11	11	12	14	15	16	17	18
27.5°	10	10	11	12	14	15	17	18	20	22	24
26.25°	11	11	13	15	16	18	21	23	26	28	30
25°	12	14	16	17	20	23	26	29	32	36	40
23.75°	14	16	18	22	25	28	32	37	42	46	50
22.5°	16	19	23	27	30	36	42	47	52	57	63
21.25°	19	23	27	32	39	45	51	58	64	70	76
20°	23	28	33	40	47	54	62	70	77	83	89
18.75°	27	33	41	48	56	65	74	81	89	96	102
17.5°	32	40	48	57	67	76	85	93	101	109	118
16.25°	39	47	56	67	77	87	96	105	115	126	137
15°	45	54	65	76	87	97	107	119	132	144	158
13.75°	51	62	74	85	96	107	121	135	149	171	195
12.5°	58	70	81	93	105	119	135	150	178	205	231
11.25°	64	77	89	101	115	132	149	178	209	238	291
10°	70	83	96	109	126	144	171	205	238	298	384
8.75°	76	89	102	118	137	158	195	231	291	384	524
7.5°	81	94	108	127	146	178	216	269	359	502	711
6.25°	85	99	114	134	156	196	235	310	438	642	932
5°	89	103	120	140	170	211	264	364	533	798	1166
3.75°	91	106	125	145	181	223	289	408	622	955	1389
2.5°	93	108	128	149	189	231	309	456	707	1083	1560
1.25°	95	109	130	151	193	236	326	488	759	1163	1671
0°	95	110	131	152	195	238	332	498	777	1190	1710
-1.25°	95	109	130	151	193	236	326	488	759	1163	1671
-2.5°	93	108	128	149	189	231	309	456	707	1083	1560
-3.75°	91	106	125	145	181	223	289	408	622	955	1389
-5°	89	103	120	140	170	211	264	364	533	798	1166
-6.25°	85	99	114	134	156	196	235	310	438	642	932
-7.5°	81	94	108	127	146	178	216	269	359	502	711
-8.75°	76	89	102	118	137	158	195	231	291	384	524
-10°	70	83	96	109	126	144	171	205	238	298	384
-11.25°	64	77	89	101	115	132	149	178	209	238	291
-12.5°	58	70	81	93	105	119	135	150	178	205	231
-13.75°	51	62	74	85	96	107	121	135	149	171	195
-15°	45	54	65	76	87	97	107	119	132	144	158
-16.25°	39	47	56	67	77	87	96	105	115	126	137
-17.5°	32	40	48	57	67	76	85	93	101	109	118
-18.75°	27	33	41	48	56	65	74	81	89	96	102
-20°	23	28	33	40	47	54	62	70	77	83	89
-21.25°	19	23	27	32	39	45	51	58	64	70	76



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	16	19	23	27	30	36	42	47	52	57	63
-23.75°	14	16	18	22	25	28	32	37	42	46	50
-25°	12	14	16	17	20	23	26	29	32	36	40
-26.25°	11	11	13	15	16	18	21	23	26	28	30
-27.5°	10	10	11	12	14	15	17	18	20	22	24
-28.75°	9	9	10	11	11	12	14	15	16	17	18
-30°	8	9	9	10	10	11	11	12	13	14	15
-31.25°	8	8	8	9	9	10	10	10	11	11	12
-32.5°	7	7	8	8	8	9	9	9	10	10	10
-33.75°	6	7	7	7	8	8	8	8	9	9	9
-35°	6	6	6	7	7	7	7	8	8	8	8
-36.25°	5	5	6	6	6	6	7	7	7	7	8
-37.5°	5	5	5	5	6	6	6	6	6	7	7
-38.75°	5	5	5	5	5	5	5	6	6	6	6
-40°	5	5	5	5	5	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	4	5	5	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	5	5	5	5	5	5	5
-45°	4	4	4	4	4	4	4	4	5	5	5
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	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	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	4
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	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°	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°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
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°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	5	4	4	4	4
45°	5	5	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	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	6	6	6	6	6	6	6	6	6	6	6
38.75°	6	6	6	6	6	6	7	6	6	6	6
37.5°	7	7	7	7	7	7	7	7	7	7	7
36.25°	8	8	8	8	8	8	8	8	8	8	8
35°	8	9	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	9	10	10	10	10	10	10	10	10	10	10
32.5°	11	11	11	11	11	11	11	11	11	11	11
31.25°	13	13	14	14	14	15	15	15	14	14	14
30°	16	16	17	17	18	18	18	18	18	17	17
28.75°	20	21	22	23	24	24	24	24	24	23	22
27.5°	26	27	28	29	30	30	30	30	30	29	28
26.25°	32	35	37	39	40	41	41	41	40	39	37
25°	43	46	48	50	51	52	52	52	51	50	48
23.75°	54	58	61	63	65	66	66	66	65	63	61
22.5°	67	71	74	77	79	80	80	80	79	77	74
21.25°	81	85	89	91	93	95	95	95	93	91	89
20°	94	99	103	106	108	109	110	109	108	106	103
18.75°	108	114	120	125	128	130	131	130	128	125	120
17.5°	127	134	140	145	149	151	152	151	149	145	140
16.25°	146	156	170	181	189	193	195	193	189	181	170
15°	178	196	211	223	231	236	238	236	231	223	211
13.75°	216	235	264	289	309	326	332	326	309	289	264
12.5°	269	310	364	408	456	488	498	488	456	408	364
11.25°	359	438	533	622	707	759	777	759	707	622	533
10°	502	642	798	955	1083	1163	1190	1163	1083	955	798
8.75°	711	932	1166	1389	1560	1671	1710	1671	1560	1389	1166
7.5°	983	1292	1597	1872	2081	2214	2260	2214	2081	1872	1597
6.25°	1292	1674	2040	2355	2597	2751	2804	2751	2597	2355	2040
5°	1597	2040	2451	2805	3087	3273	3339	3273	3087	2805	2451
3.75°	1872	2355	2805	3210	3551	3788	3872	3788	3551	3210	2805
2.5°	2081	2597	3087	3551	3961	4253	4354	4253	3961	3551	3087
1.25°	2214	2751	3273	3788	4253	4578	4697	4578	4253	3788	3273
0°	2260	2804	3339	3872	4354	4697	4854	4697	4354	3872	3339
-1.25°	2214	2751	3273	3788	4253	4578	4697	4578	4253	3788	3273
-2.5°	2081	2597	3087	3551	3961	4253	4354	4253	3961	3551	3087
-3.75°	1872	2355	2805	3210	3551	3788	3872	3788	3551	3210	2805
-5°	1597	2040	2451	2805	3087	3273	3339	3273	3087	2805	2451
-6.25°	1292	1674	2040	2355	2597	2751	2804	2751	2597	2355	2040
-7.5°	983	1292	1597	1872	2081	2214	2260	2214	2081	1872	1597
-8.75°	711	932	1166	1389	1560	1671	1710	1671	1560	1389	1166
-10°	502	642	798	955	1083	1163	1190	1163	1083	955	798
-11.25°	359	438	533	622	707	759	777	759	707	622	533
-12.5°	269	310	364	408	456	488	498	488	456	408	364
-13.75°	216	235	264	289	309	326	332	326	309	289	264
-15°	178	196	211	223	231	236	238	236	231	223	211
-16.25°	146	156	170	181	189	193	195	193	189	181	170
-17.5°	127	134	140	145	149	151	152	151	149	145	140
-18.75°	108	114	120	125	128	130	131	130	128	125	120
-20°	94	99	103	106	108	109	110	109	108	106	103
-21.25°	81	85	89	91	93	95	95	95	93	91	89



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	67	71	74	77	79	80	80	80	79	77	74
-23.75°	54	58	61	63	65	66	66	66	65	63	61
-25°	43	46	48	50	51	52	52	52	51	50	48
-26.25°	32	35	37	39	40	41	41	41	40	39	37
-27.5°	26	27	28	29	30	30	30	30	30	29	28
-28.75°	20	21	22	23	24	24	24	24	24	23	22
-30°	16	16	17	17	18	18	18	18	18	17	17
-31.25°	13	13	14	14	14	15	15	15	14	14	14
-32.5°	11	11	11	11	11	11	11	11	11	11	11
-33.75°	9	10	10	10	10	10	10	10	10	10	10
-35°	8	9	9	9	9	9	9	9	9	9	9
-36.25°	8	8	8	8	8	8	8	8	8	8	8
-37.5°	7	7	7	7	7	7	7	7	7	7	7
-38.75°	6	6	6	6	6	6	7	6	6	6	6
-40°	6	6	6	6	6	6	6	6	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	4	4	4	4
-47.5°	4	4	4	4	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	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-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°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	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°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	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°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	4	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	5	4	4
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	6	6	5	5	5	5	5	5	5	5	5
38.75°	6	6	6	6	6	6	5	5	5	5	5
37.5°	7	7	7	7	6	6	6	6	6	5	5
36.25°	8	8	8	7	7	7	7	6	6	6	6
35°	9	8	8	8	8	8	7	7	7	7	6



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	10	9	9	9	9	8	8	8	8	7	7
32.5°	11	11	10	10	10	9	9	9	8	8	8
31.25°	13	13	12	11	11	10	10	10	9	9	8
30°	16	16	15	14	13	12	11	11	10	10	9
28.75°	21	20	18	17	16	15	14	12	11	11	10
27.5°	27	26	24	22	20	18	17	15	14	12	11
26.25°	35	32	30	28	26	23	21	18	16	15	13
25°	46	43	40	36	32	29	26	23	20	17	16
23.75°	58	54	50	46	42	37	32	28	25	22	18
22.5°	71	67	63	57	52	47	42	36	30	27	23
21.25°	85	81	76	70	64	58	51	45	39	32	27
20°	99	94	89	83	77	70	62	54	47	40	33
18.75°	114	108	102	96	89	81	74	65	56	48	41
17.5°	134	127	118	109	101	93	85	76	67	57	48
16.25°	156	146	137	126	115	105	96	87	77	67	56
15°	196	178	158	144	132	119	107	97	87	76	65
13.75°	235	216	195	171	149	135	121	107	96	85	74
12.5°	310	269	231	205	178	150	135	119	105	93	81
11.25°	438	359	291	238	209	178	149	132	115	101	89
10°	642	502	384	298	238	205	171	144	126	109	96
8.75°	932	711	524	384	291	231	195	158	137	118	102
7.5°	1292	983	711	502	359	269	216	178	146	127	108
6.25°	1674	1292	932	642	438	310	235	196	156	134	114
5°	2040	1597	1166	798	533	364	264	211	170	140	120
3.75°	2355	1872	1389	955	622	408	289	223	181	145	125
2.5°	2597	2081	1560	1083	707	456	309	231	189	149	128
1.25°	2751	2214	1671	1163	759	488	326	236	193	151	130
0°	2804	2260	1710	1190	777	498	332	238	195	152	131
-1.25°	2751	2214	1671	1163	759	488	326	236	193	151	130
-2.5°	2597	2081	1560	1083	707	456	309	231	189	149	128
-3.75°	2355	1872	1389	955	622	408	289	223	181	145	125
-5°	2040	1597	1166	798	533	364	264	211	170	140	120
-6.25°	1674	1292	932	642	438	310	235	196	156	134	114
-7.5°	1292	983	711	502	359	269	216	178	146	127	108
-8.75°	932	711	524	384	291	231	195	158	137	118	102
-10°	642	502	384	298	238	205	171	144	126	109	96
-11.25°	438	359	291	238	209	178	149	132	115	101	89
-12.5°	310	269	231	205	178	150	135	119	105	93	81
-13.75°	235	216	195	171	149	135	121	107	96	85	74
-15°	196	178	158	144	132	119	107	97	87	76	65
-16.25°	156	146	137	126	115	105	96	87	77	67	56
-17.5°	134	127	118	109	101	93	85	76	67	57	48
-18.75°	114	108	102	96	89	81	74	65	56	48	41
-20°	99	94	89	83	77	70	62	54	47	40	33
-21.25°	85	81	76	70	64	58	51	45	39	32	27



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	71	67	63	57	52	47	42	36	30	27	23
-23.75°	58	54	50	46	42	37	32	28	25	22	18
-25°	46	43	40	36	32	29	26	23	20	17	16
-26.25°	35	32	30	28	26	23	21	18	16	15	13
-27.5°	27	26	24	22	20	18	17	15	14	12	11
-28.75°	21	20	18	17	16	15	14	12	11	11	10
-30°	16	16	15	14	13	12	11	11	10	10	9
-31.25°	13	13	12	11	11	10	10	10	9	9	8
-32.5°	11	11	10	10	10	9	9	9	8	8	8
-33.75°	10	9	9	9	9	8	8	8	8	7	7
-35°	9	8	8	8	8	8	7	7	7	7	6
-36.25°	8	8	8	7	7	7	7	6	6	6	6
-37.5°	7	7	7	7	6	6	6	6	6	5	5
-38.75°	6	6	6	6	6	6	5	5	5	5	5
-40°	6	6	5	5	5	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	4	4
-45°	5	5	5	5	5	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	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	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	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	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	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	2	2	2	2	2
51.25°	4	4	3	3	3	3	3	3	3	2	2
50°	4	4	4	4	4	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	4	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	5	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	4	4	4	4	4	4	4	4
40°	5	5	5	5	5	4	4	4	4	4	4
38.75°	5	5	5	5	5	5	5	4	4	4	4
37.5°	5	5	5	5	5	5	5	5	4	4	4
36.25°	5	5	5	5	5	5	5	5	5	4	4
35°	6	6	5	5	5	5	5	5	5	5	4



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	7	6	6	6	5	5	5	5	5	5	5
32.5°	7	7	6	6	6	5	5	5	5	5	5
31.25°	8	8	7	7	6	6	5	5	5	5	5
30°	9	8	8	7	7	6	6	6	5	5	5
28.75°	9	9	8	8	7	7	6	6	6	5	5
27.5°	10	10	9	8	8	7	7	6	6	5	5
26.25°	11	11	10	9	8	8	7	7	6	6	5
25°	14	12	11	10	9	8	8	7	7	6	6
23.75°	16	14	12	11	10	9	8	8	7	7	6
22.5°	19	16	14	12	11	10	9	8	8	7	6
21.25°	23	19	16	14	12	11	10	9	8	8	7
20°	28	23	19	16	14	11	10	9	9	8	7
18.75°	33	27	23	18	16	13	11	10	9	8	8
17.5°	40	32	27	22	17	15	12	11	10	9	8
16.25°	47	39	30	25	20	16	14	11	10	9	8
15°	54	45	36	28	23	18	15	12	11	10	9
13.75°	62	51	42	32	26	21	17	14	11	10	9
12.5°	70	58	47	37	29	23	18	15	12	10	9
11.25°	77	64	52	42	32	26	20	16	13	11	10
10°	83	70	57	46	36	28	22	17	14	11	10
8.75°	89	76	63	50	40	30	24	18	15	12	10
7.5°	94	81	67	54	43	32	26	20	16	13	11
6.25°	99	85	71	58	46	35	27	21	16	13	11
5°	103	89	74	61	48	37	28	22	17	14	11
3.75°	106	91	77	63	50	39	29	23	17	14	11
2.5°	108	93	79	65	51	40	30	24	18	14	11
1.25°	109	95	80	66	52	41	30	24	18	15	11
0°	110	95	80	66	52	41	30	24	18	15	11
-1.25°	109	95	80	66	52	41	30	24	18	15	11
-2.5°	108	93	79	65	51	40	30	24	18	14	11
-3.75°	106	91	77	63	50	39	29	23	17	14	11
-5°	103	89	74	61	48	37	28	22	17	14	11
-6.25°	99	85	71	58	46	35	27	21	16	13	11
-7.5°	94	81	67	54	43	32	26	20	16	13	11
-8.75°	89	76	63	50	40	30	24	18	15	12	10
-10°	83	70	57	46	36	28	22	17	14	11	10
-11.25°	77	64	52	42	32	26	20	16	13	11	10
-12.5°	70	58	47	37	29	23	18	15	12	10	9
-13.75°	62	51	42	32	26	21	17	14	11	10	9
-15°	54	45	36	28	23	18	15	12	11	10	9
-16.25°	47	39	30	25	20	16	14	11	10	9	8
-17.5°	40	32	27	22	17	15	12	11	10	9	8
-18.75°	33	27	23	18	16	13	11	10	9	8	8
-20°	28	23	19	16	14	11	10	9	9	8	7
-21.25°	23	19	16	14	12	11	10	9	8	8	7



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	19	16	14	12	11	10	9	8	8	7	6
-23.75°	16	14	12	11	10	9	8	8	7	7	6
-25°	14	12	11	10	9	8	8	7	7	6	6
-26.25°	11	11	10	9	8	8	7	7	6	6	5
-27.5°	10	10	9	8	8	7	7	6	6	5	5
-28.75°	9	9	8	8	7	7	6	6	6	5	5
-30°	9	8	8	7	7	6	6	6	5	5	5
-31.25°	8	8	7	7	6	6	5	5	5	5	5
-32.5°	7	7	6	6	6	5	5	5	5	5	5
-33.75°	7	6	6	6	5	5	5	5	5	5	5
-35°	6	6	5	5	5	5	5	5	5	5	4
-36.25°	5	5	5	5	5	5	5	5	5	4	4
-37.5°	5	5	5	5	5	5	5	5	4	4	4
-38.75°	5	5	5	5	5	5	5	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	4
-41.25°	5	5	5	4	4	4	4	4	4	4	4
-42.5°	5	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	2	2
-52.5°	3	3	3	3	3	3	2	2	2	2	2
-53.75°	3	3	3	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	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°	2	2	2	2	2	2	2	2	2	2	2
48.75°	3	2	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	2	2	2	2	2	2	2	2
46.25°	3	3	3	3	2	2	2	2	2	2	2
45°	4	3	3	3	3	3	2	2	2	2	2
43.75°	4	4	4	3	3	3	3	2	2	2	2
42.5°	4	4	4	4	3	3	3	3	2	2	2
41.25°	4	4	4	4	4	3	3	3	3	2	2
40°	4	4	4	4	4	4	3	3	3	3	2
38.75°	4	4	4	4	4	4	4	3	3	3	2
37.5°	4	4	4	4	4	4	4	4	3	3	3
36.25°	4	4	4	4	4	4	4	4	4	3	3
35°	4	4	4	4	4	4	4	4	4	3	3



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	4	4	4	4	4	4	4	4	4	4	3
32.5°	5	4	4	4	4	4	4	4	4	4	4
31.25°	5	5	4	4	4	4	4	4	4	4	4
30°	5	5	5	4	4	4	4	4	4	4	4
28.75°	5	5	5	5	4	4	4	4	4	4	4
27.5°	5	5	5	5	5	4	4	4	4	4	4
26.25°	5	5	5	5	5	4	4	4	4	4	4
25°	5	5	5	5	5	5	4	4	4	4	4
23.75°	6	5	5	5	5	5	4	4	4	4	4
22.5°	6	5	5	5	5	5	5	4	4	4	4
21.25°	6	6	5	5	5	5	5	4	4	4	4
20°	7	6	5	5	5	5	5	5	4	4	4
18.75°	7	6	6	5	5	5	5	5	4	4	4
17.5°	7	7	6	5	5	5	5	5	4	4	4
16.25°	8	7	6	6	5	5	5	5	5	4	4
15°	8	7	6	6	5	5	5	5	5	4	4
13.75°	8	7	7	6	5	5	5	5	5	4	4
12.5°	8	8	7	6	6	5	5	5	5	4	4
11.25°	9	8	7	6	6	5	5	5	5	5	4
10°	9	8	7	7	6	5	5	5	5	5	4
8.75°	9	8	8	7	6	5	5	5	5	5	4
7.5°	9	8	8	7	6	6	5	5	5	5	4
6.25°	10	9	8	7	6	6	5	5	5	5	4
5°	10	9	8	7	6	6	5	5	5	5	4
3.75°	10	9	8	7	6	6	5	5	5	5	4
2.5°	10	9	8	7	6	6	5	5	5	5	4
1.25°	10	9	8	7	6	6	5	5	5	5	4
0°	10	9	8	7	6	6	5	5	5	5	5
-1.25°	10	9	8	7	6	6	5	5	5	5	4
-2.5°	10	9	8	7	6	6	5	5	5	5	4
-3.75°	10	9	8	7	6	6	5	5	5	5	4
-5°	10	9	8	7	6	6	5	5	5	5	4
-6.25°	10	9	8	7	6	6	5	5	5	5	4
-7.5°	9	8	8	7	6	6	5	5	5	5	4
-8.75°	9	8	8	7	6	5	5	5	5	5	4
-10°	9	8	7	7	6	5	5	5	5	5	4
-11.25°	9	8	7	6	6	5	5	5	5	5	4
-12.5°	8	8	7	6	6	5	5	5	5	4	4
-13.75°	8	7	7	6	5	5	5	5	5	4	4
-15°	8	7	6	6	5	5	5	5	5	4	4
-16.25°	8	7	6	6	5	5	5	5	5	4	4
-17.5°	7	7	6	5	5	5	5	5	4	4	4
-18.75°	7	6	6	5	5	5	5	5	4	4	4
-20°	7	6	5	5	5	5	5	5	4	4	4
-21.25°	6	6	5	5	5	5	5	4	4	4	4



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	6	5	5	5	5	5	5	4	4	4	4
-23.75°	6	5	5	5	5	5	4	4	4	4	4
-25°	5	5	5	5	5	5	4	4	4	4	4
-26.25°	5	5	5	5	5	4	4	4	4	4	4
-27.5°	5	5	5	5	5	4	4	4	4	4	4
-28.75°	5	5	5	5	4	4	4	4	4	4	4
-30°	5	5	5	4	4	4	4	4	4	4	4
-31.25°	5	5	4	4	4	4	4	4	4	4	4
-32.5°	5	4	4	4	4	4	4	4	4	4	4
-33.75°	4	4	4	4	4	4	4	4	4	4	3
-35°	4	4	4	4	4	4	4	4	4	3	3
-36.25°	4	4	4	4	4	4	4	4	4	3	3
-37.5°	4	4	4	4	4	4	4	4	3	3	3
-38.75°	4	4	4	4	4	4	4	3	3	3	2
-40°	4	4	4	4	4	4	3	3	3	3	2
-41.25°	4	4	4	4	4	3	3	3	3	2	2
-42.5°	4	4	4	4	3	3	3	3	2	2	2
-43.75°	4	4	4	3	3	3	3	2	2	2	2
-45°	4	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	2	2	2	2	2	2	2
-47.5°	3	3	3	2	2	2	2	2	2	2	2
-48.75°	3	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	0	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
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	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	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	1	1	1
50°	2	2	2	2	2	2	2	2	2	1	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	3	2	2	2	2	2	2	2	2	2	2
35°	3	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	2	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	2	2	2	2	2	2	2	2
30°	4	3	3	3	2	2	2	2	2	2	2
28.75°	4	3	3	3	2	2	2	2	2	2	2
27.5°	4	4	3	3	2	2	2	2	2	2	2
26.25°	4	4	3	3	3	2	2	2	2	2	2
25°	4	4	4	3	3	2	2	2	2	2	2
23.75°	4	4	4	3	3	2	2	2	2	2	2
22.5°	4	4	4	3	3	3	2	2	2	2	2
21.25°	4	4	4	4	3	3	2	2	2	2	2
20°	4	4	4	4	3	3	2	2	2	2	2
18.75°	4	4	4	4	3	3	3	2	2	2	2
17.5°	4	4	4	4	3	3	3	2	2	2	2
16.25°	4	4	4	4	4	3	3	2	2	2	2
15°	4	4	4	4	4	3	3	2	2	2	2
13.75°	4	4	4	4	4	3	3	2	2	2	2
12.5°	4	4	4	4	4	3	3	3	2	2	2
11.25°	4	4	4	4	4	3	3	3	2	2	2
10°	4	4	4	4	4	3	3	3	2	2	2
8.75°	4	4	4	4	4	4	3	3	2	2	2
7.5°	4	4	4	4	4	4	3	3	2	2	2
6.25°	4	4	4	4	4	4	3	3	2	2	2
5°	4	4	4	4	4	4	3	3	2	2	2
3.75°	4	4	4	4	4	4	3	3	2	2	2
2.5°	4	4	4	4	4	4	3	3	2	2	2
1.25°	4	4	4	4	4	4	3	3	2	2	2
0°	4	4	4	4	4	4	3	3	2	2	2
-1.25°	4	4	4	4	4	4	3	3	2	2	2
-2.5°	4	4	4	4	4	4	3	3	2	2	2
-3.75°	4	4	4	4	4	4	3	3	2	2	2
-5°	4	4	4	4	4	4	3	3	2	2	2
-6.25°	4	4	4	4	4	4	3	3	2	2	2
-7.5°	4	4	4	4	4	4	3	3	2	2	2
-8.75°	4	4	4	4	4	4	3	3	2	2	2
-10°	4	4	4	4	4	3	3	3	2	2	2
-11.25°	4	4	4	4	4	3	3	3	2	2	2
-12.5°	4	4	4	4	4	3	3	3	2	2	2
-13.75°	4	4	4	4	4	3	3	2	2	2	2
-15°	4	4	4	4	4	3	3	2	2	2	2
-16.25°	4	4	4	4	4	3	3	2	2	2	2
-17.5°	4	4	4	4	3	3	3	2	2	2	2
-18.75°	4	4	4	4	3	3	3	2	2	2	2
-20°	4	4	4	4	3	3	2	2	2	2	2
-21.25°	4	4	4	4	3	3	2	2	2	2	2



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	4	3	3	3	2	2	2	2	2
-23.75°	4	4	4	3	3	2	2	2	2	2	2
-25°	4	4	4	3	3	2	2	2	2	2	2
-26.25°	4	4	3	3	3	2	2	2	2	2	2
-27.5°	4	4	3	3	2	2	2	2	2	2	2
-28.75°	4	3	3	3	2	2	2	2	2	2	2
-30°	4	3	3	3	2	2	2	2	2	2	2
-31.25°	3	3	3	2	2	2	2	2	2	2	2
-32.5°	3	3	3	2	2	2	2	2	2	2	2
-33.75°	3	3	2	2	2	2	2	2	2	2	2
-35°	3	2	2	2	2	2	2	2	2	2	2
-36.25°	3	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	1	1
-51.25°	2	2	2	2	2	2	2	2	1	1	1
-52.5°	2	2	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	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	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	0
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	1
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°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	1	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	1	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	1	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	2	2	2	2	2	1	1	1	1	1
-23.75°	2	2	2	2	2	2	1	1	1	1	1
-25°	2	2	2	2	2	2	1	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	1	1	1	1	1	1
-30°	2	2	2	2	2	1	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	2	1	1	1	1	1	1
-33.75°	2	2	2	2	1	1	1	1	1	1	1
-35°	2	2	2	2	1	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	1
-37.5°	2	2	2	1	1	1	1	1	1	1	1
-38.75°	2	2	2	1	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	1	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	1	1	1	1	1	1	1	1	1	1
-45°	2	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	1
-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	0
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	1	1	0	0	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	1	0	0	0	0	0
-73.75°	1	1	1	1	0	0	0	0	0	0	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-76.25°	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	0	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	0	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	0	0	0	0	0
30°	1	1	1	1	1	1	0	0	0	0	0
28.75°	1	1	1	1	1	1	1	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	0	0	0
20°	1	1	1	1	1	1	1	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	1	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	1	0	0	0	0
-21.25°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	0	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	0	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	0	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	0	0	0	0	0	0	0	0	0	0
-63.75°	1	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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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: P220311 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-S-WT-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)