

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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3097-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29419)
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-LED3097-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

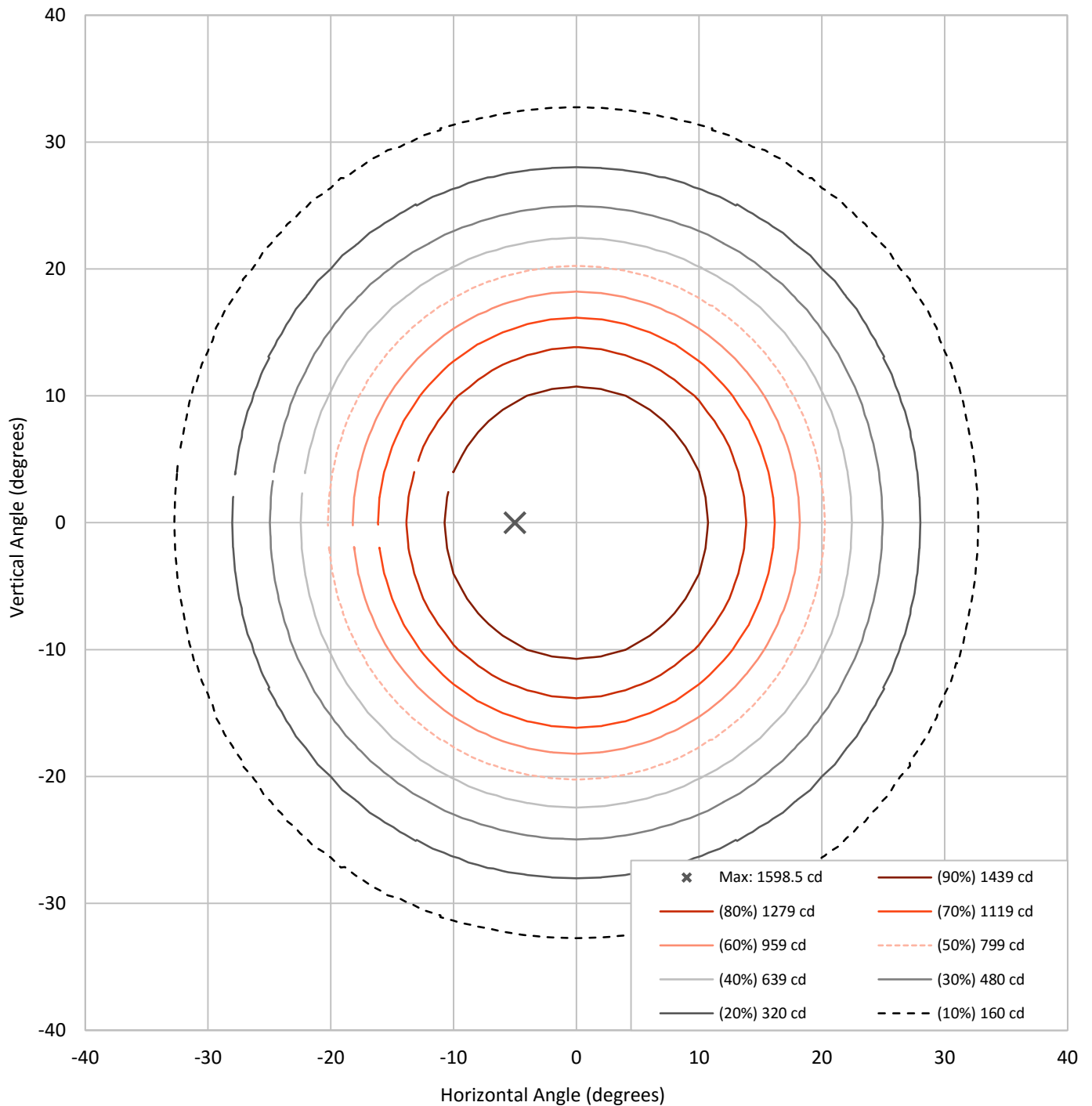
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	798.9 lumens	Max Intensity:	1598.5 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	79.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.6°V
Beam Lumens:	478.9 lumens	Field Lumens:	723.4 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-WT-L1-UNV

Iso-Candela Plot





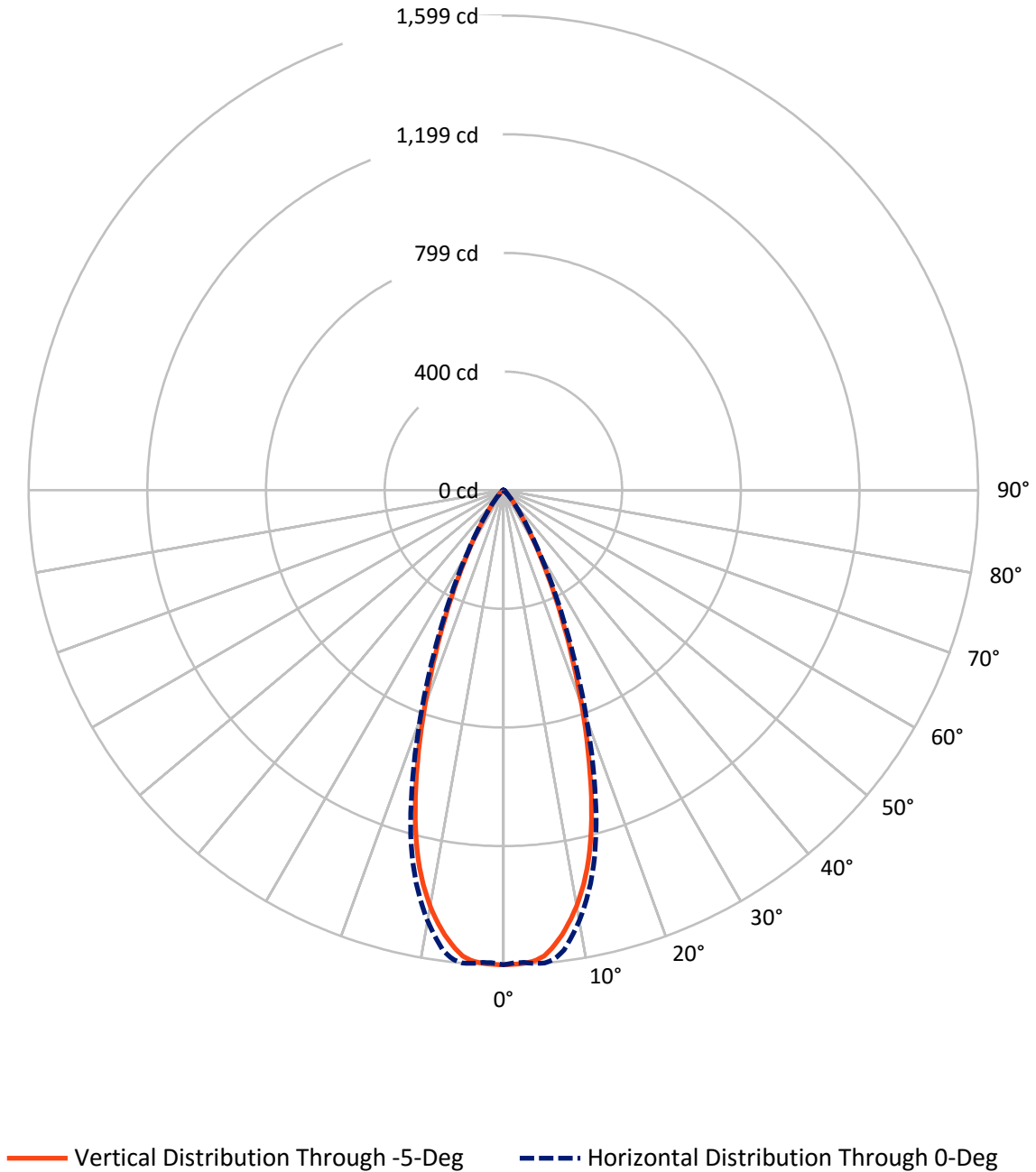
REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-WT-L1-UNV

Lumen Table

90	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
80	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			
60		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0				
50	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.7	0.5	0.3	0.2	0.1	0.1	0.0	0.0			
40		0.0	0.1	0.1	0.4	1.0	2.3	3.5	3.5	2.3	1.0	0.4	0.1	0.1	0.0				
30	0.0	0.0	0.1	0.2	1.0	3.4	8.7	13.9	13.9	8.7	3.4	1.0	0.2	0.1	0.0	0.0			
20		0.1	0.1	0.4	2.0	8.2	21.6	33.7	33.7	21.6	8.2	2.0	0.4	0.1	0.1				
10	0.0	0.1	0.1	0.5	2.9	12.7	32.7	46.3	46.3	32.7	12.7	2.9	0.5	0.1	0.1	0.0			
0		0.1	0.1	0.5	2.9	12.7	32.7	46.3	46.3	32.7	12.7	2.9	0.5	0.1	0.1				
-10	0.0	0.1	0.1	0.4	2.0	8.2	21.6	33.7	33.7	21.6	8.2	2.0	0.4	0.1	0.1	0.0			
-20		0.0	0.1	0.2	1.0	3.4	8.7	13.9	13.9	8.7	3.4	1.0	0.2	0.1	0.0				
-30	0.0	0.0	0.1	0.1	0.4	1.0	2.3	3.5	3.5	2.3	1.0	0.4	0.1	0.1	0.0	0.0			
-40		0.0	0.1	0.1	0.2	0.3	0.5	0.7	0.7	0.5	0.3	0.2	0.1	0.1	0.0				
-50	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			
-80		0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0									
-90	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

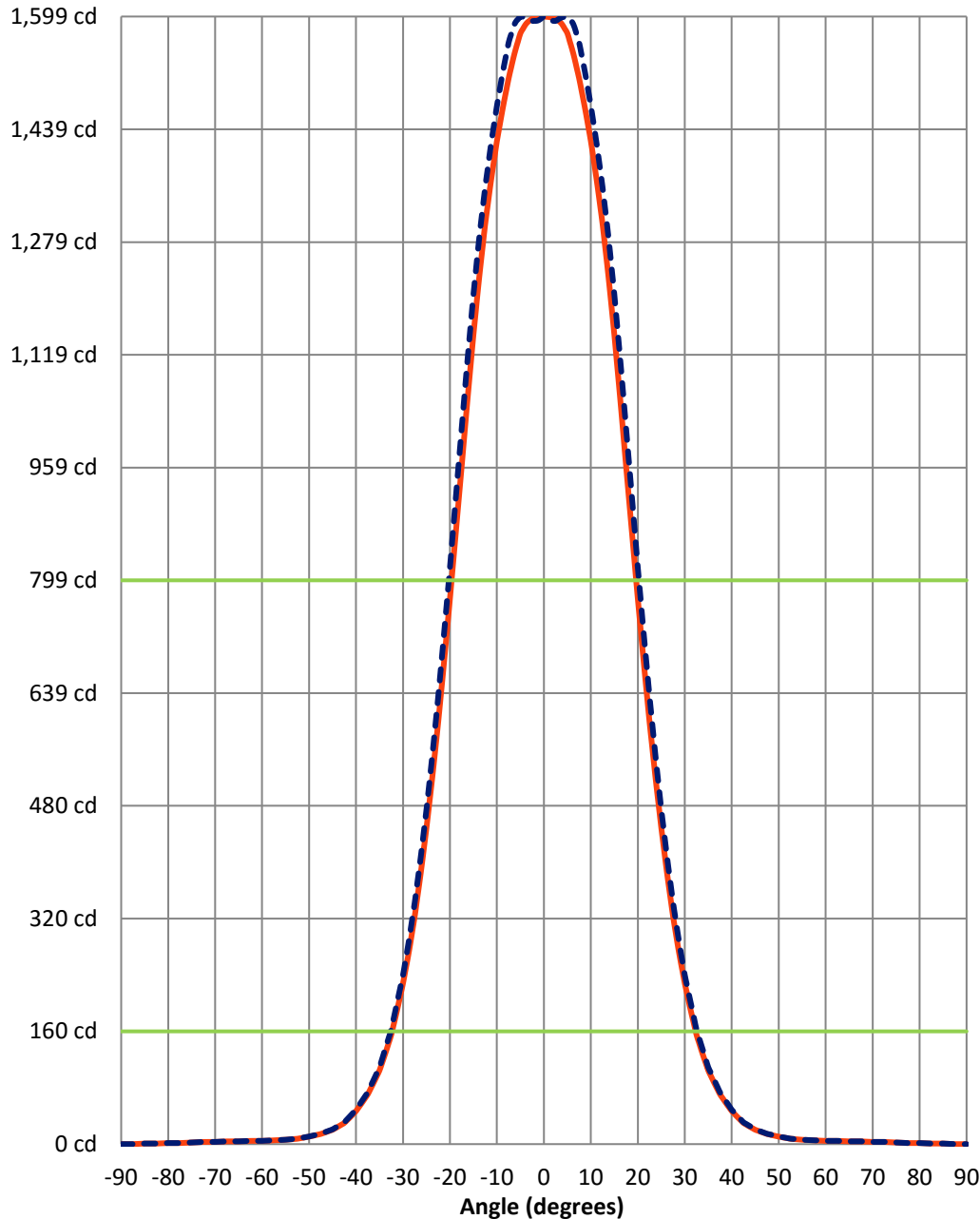
REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.5°
 V Angle: 39.3°
 Lumens: 478.9
 Efficiency: 59.9%

Field:
 H Angle: 65.2°
 V Angle: 64.6°
 Lumens: 723.4
 Efficiency: 90.5%

Spill:
 Lumens: 75.5
 Efficiency: 9.5%

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



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	0	1	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	0	1	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
38.75°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	1	2
31.25°	0	0	0	0	1	1	1	1	1	1	2
30°	0	0	0	0	1	1	1	1	1	1	2
28.75°	0	0	0	0	1	1	1	1	1	1	2
27.5°	0	0	0	0	1	1	1	1	1	1	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	1	2	2
17.5°	0	0	0	0	1	1	1	1	1	2	2
16.25°	0	0	0	0	1	1	1	1	1	2	2
15°	0	0	0	0	1	1	1	1	1	2	2
13.75°	0	0	0	0	1	1	1	1	1	2	2
12.5°	0	0	0	0	1	1	1	1	1	2	2
11.25°	0	0	0	0	1	1	1	1	1	2	2
10°	0	0	0	0	1	1	1	1	1	2	2
8.75°	0	0	0	0	1	1	1	1	1	2	2
7.5°	0	0	0	0	1	1	1	1	1	2	2
6.25°	0	0	0	0	1	1	1	1	1	2	2
5°	0	0	0	0	1	1	1	1	1	2	2
3.75°	0	0	0	0	1	1	1	1	1	2	2
2.5°	0	0	0	0	1	1	1	1	1	2	2
1.25°	0	0	0	0	1	1	1	1	1	2	2
0°	0	0	0	0	1	1	1	1	2	2	2
-1.25°	0	0	0	0	1	1	1	1	1	2	2
-2.5°	0	0	0	0	1	1	1	1	1	2	2
-3.75°	0	0	0	0	1	1	1	1	1	2	2
-5°	0	0	0	0	1	1	1	1	1	2	2
-6.25°	0	0	0	0	1	1	1	1	1	2	2
-7.5°	0	0	0	0	1	1	1	1	1	2	2
-8.75°	0	0	0	0	1	1	1	1	1	2	2
-10°	0	0	0	0	1	1	1	1	1	2	2
-11.25°	0	0	0	0	1	1	1	1	1	2	2
-12.5°	0	0	0	0	1	1	1	1	1	2	2
-13.75°	0	0	0	0	1	1	1	1	1	2	2
-15°	0	0	0	0	1	1	1	1	1	2	2
-16.25°	0	0	0	0	1	1	1	1	1	2	2
-17.5°	0	0	0	0	1	1	1	1	1	2	2
-18.75°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	1	2
-28.75°	0	0	0	0	1	1	1	1	1	1	2
-30°	0	0	0	0	1	1	1	1	1	1	2
-31.25°	0	0	0	0	1	1	1	1	1	1	2
-32.5°	0	0	0	0	1	1	1	1	1	1	2
-33.75°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-36.25°	0	0	0	0	0	1	1	1	1	1	2
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	1
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	1	2	2
63.75°	1	1	1	1	1	1	1	1	2	2	2
62.5°	1	1	1	1	1	1	1	2	2	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	1	1	2	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	1	1	2	2	2	2	2	2
56.25°	1	1	1	1	2	2	2	2	2	2	2
55°	1	1	1	1	2	2	2	2	2	2	2
53.75°	1	1	1	2	2	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	2	2
51.25°	1	1	2	2	2	2	2	2	2	2	3
50°	1	1	2	2	2	2	2	2	2	3	3
48.75°	1	1	2	2	2	2	2	2	2	3	3
47.5°	1	2	2	2	2	2	2	2	3	3	3
46.25°	1	2	2	2	2	2	2	2	3	3	3
45°	1	2	2	2	2	2	2	3	3	3	3
43.75°	1	2	2	2	2	2	2	3	3	3	3
42.5°	2	2	2	2	2	2	2	3	3	3	3
41.25°	2	2	2	2	2	2	3	3	3	3	3
40°	2	2	2	2	2	2	3	3	3	3	3
38.75°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	3	3
36.25°	2	2	2	2	2	3	3	3	3	3	3
35°	2	2	2	2	2	3	3	3	3	3	3



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	2	3	3	3	3	3	4
32.5°	2	2	2	2	3	3	3	3	3	3	4
31.25°	2	2	2	2	3	3	3	3	3	3	4
30°	2	2	2	2	3	3	3	3	3	4	4
28.75°	2	2	2	2	3	3	3	3	3	4	4
27.5°	2	2	2	2	3	3	3	3	3	4	4
26.25°	2	2	2	3	3	3	3	3	3	4	4
25°	2	2	2	3	3	3	3	3	4	4	4
23.75°	2	2	2	3	3	3	3	3	4	4	4
22.5°	2	2	2	3	3	3	3	3	4	4	4
21.25°	2	2	2	3	3	3	3	3	4	4	4
20°	2	2	2	3	3	3	3	3	4	4	4
18.75°	2	2	2	3	3	3	3	3	4	4	4
17.5°	2	2	2	3	3	3	3	4	4	4	4
16.25°	2	2	2	3	3	3	3	4	4	4	4
15°	2	2	3	3	3	3	3	4	4	4	4
13.75°	2	2	3	3	3	3	3	4	4	4	4
12.5°	2	2	3	3	3	3	3	4	4	4	4
11.25°	2	2	3	3	3	3	3	4	4	4	4
10°	2	2	3	3	3	3	3	4	4	4	4
8.75°	2	2	3	3	3	3	3	4	4	4	4
7.5°	2	2	3	3	3	3	3	4	4	4	4
6.25°	2	2	3	3	3	3	3	4	4	4	4
5°	2	2	3	3	3	3	3	4	4	4	4
3.75°	2	2	3	3	3	3	3	4	4	4	4
2.5°	2	2	3	3	3	3	3	4	4	4	4
1.25°	2	2	3	3	3	3	3	4	4	4	4
0°	2	2	3	3	3	3	4	4	4	4	4
-1.25°	2	2	3	3	3	3	3	4	4	4	4
-2.5°	2	2	3	3	3	3	3	4	4	4	4
-3.75°	2	2	3	3	3	3	3	4	4	4	4
-5°	2	2	3	3	3	3	3	4	4	4	4
-6.25°	2	2	3	3	3	3	3	4	4	4	4
-7.5°	2	2	3	3	3	3	3	4	4	4	4
-8.75°	2	2	3	3	3	3	3	4	4	4	4
-10°	2	2	3	3	3	3	3	4	4	4	4
-11.25°	2	2	3	3	3	3	3	4	4	4	4
-12.5°	2	2	3	3	3	3	3	4	4	4	4
-13.75°	2	2	3	3	3	3	3	4	4	4	4
-15°	2	2	3	3	3	3	3	4	4	4	4
-16.25°	2	2	2	3	3	3	3	4	4	4	4
-17.5°	2	2	2	3	3	3	3	4	4	4	4
-18.75°	2	2	2	3	3	3	3	3	4	4	4
-20°	2	2	2	3	3	3	3	3	4	4	4
-21.25°	2	2	2	3	3	3	3	3	4	4	4



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	3	3	3	3	3	4	4	4
-23.75°	2	2	2	3	3	3	3	3	4	4	4
-25°	2	2	2	3	3	3	3	3	4	4	4
-26.25°	2	2	2	3	3	3	3	3	3	4	4
-27.5°	2	2	2	2	3	3	3	3	3	4	4
-28.75°	2	2	2	2	3	3	3	3	3	4	4
-30°	2	2	2	2	3	3	3	3	3	4	4
-31.25°	2	2	2	2	3	3	3	3	3	3	4
-32.5°	2	2	2	2	3	3	3	3	3	3	4
-33.75°	2	2	2	2	2	3	3	3	3	3	4
-35°	2	2	2	2	2	3	3	3	3	3	3
-36.25°	2	2	2	2	2	3	3	3	3	3	3
-37.5°	2	2	2	2	2	3	3	3	3	3	3
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	3	3	3	3	3
-41.25°	2	2	2	2	2	2	3	3	3	3	3
-42.5°	2	2	2	2	2	2	2	3	3	3	3
-43.75°	1	2	2	2	2	2	2	3	3	3	3
-45°	1	2	2	2	2	2	2	3	3	3	3
-46.25°	1	2	2	2	2	2	2	2	3	3	3
-47.5°	1	2	2	2	2	2	2	2	3	3	3
-48.75°	1	1	2	2	2	2	2	2	2	3	3
-50°	1	1	2	2	2	2	2	2	2	3	3
-51.25°	1	1	2	2	2	2	2	2	2	2	3
-52.5°	1	1	1	2	2	2	2	2	2	2	2
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	2	2
72.5°	1	1	1	1	1	1	1	2	2	2	2
71.25°	1	1	1	1	1	2	2	2	2	2	2
70°	1	1	1	2	2	2	2	2	2	2	2
68.75°	1	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	3
63.75°	2	2	2	2	2	2	2	2	2	3	3
62.5°	2	2	2	2	2	2	2	3	3	3	3
61.25°	2	2	2	2	2	2	3	3	3	3	3
60°	2	2	2	2	2	3	3	3	3	3	3
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	2	2	2	3	3	3	3	3	3	3	3
56.25°	2	2	3	3	3	3	3	3	3	3	3
55°	2	3	3	3	3	3	3	3	3	3	4
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	3	3	3	3	3	4	4	4
51.25°	3	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	3	3	3	4	4	4	4	4
48.75°	3	3	3	3	3	4	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	3	3	4	4	4	4	4	4	4
45°	3	3	3	4	4	4	4	4	4	4	4
43.75°	3	3	3	4	4	4	4	4	4	4	5
42.5°	3	3	4	4	4	4	4	4	4	5	5
41.25°	3	3	4	4	4	4	4	4	5	5	5
40°	3	4	4	4	4	4	4	4	5	5	5
38.75°	3	4	4	4	4	4	4	5	5	5	5
37.5°	4	4	4	4	4	4	4	5	5	5	5
36.25°	4	4	4	4	4	4	5	5	5	5	5
35°	4	4	4	4	4	4	5	5	5	5	5



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	4	4	4	4	4	5	5	5	5	5	5
32.5°	4	4	4	4	4	5	5	5	5	5	6
31.25°	4	4	4	4	5	5	5	5	5	5	6
30°	4	4	4	4	5	5	5	5	5	6	6
28.75°	4	4	4	4	5	5	5	5	5	6	6
27.5°	4	4	4	5	5	5	5	5	5	6	6
26.25°	4	4	4	5	5	5	5	5	6	6	6
25°	4	4	4	5	5	5	5	5	6	6	7
23.75°	4	4	5	5	5	5	5	5	6	6	7
22.5°	4	4	5	5	5	5	5	6	6	6	7
21.25°	4	4	5	5	5	5	5	6	6	7	7
20°	4	4	5	5	5	5	5	6	6	7	7
18.75°	4	4	5	5	5	5	6	6	6	7	8
17.5°	4	5	5	5	5	5	6	6	6	7	8
16.25°	4	5	5	5	5	5	6	6	7	7	8
15°	4	5	5	5	5	5	6	6	7	8	9
13.75°	4	5	5	5	5	5	6	6	7	8	9
12.5°	4	5	5	5	5	6	6	6	7	8	9
11.25°	4	5	5	5	5	6	6	6	7	8	10
10°	4	5	5	5	5	6	6	7	7	8	10
8.75°	5	5	5	5	5	6	6	7	7	9	10
7.5°	5	5	5	5	5	6	6	7	7	9	10
6.25°	5	5	5	5	5	6	6	7	8	9	10
5°	5	5	5	5	5	6	6	7	8	9	11
3.75°	5	5	5	5	5	6	6	7	8	9	11
2.5°	5	5	5	5	5	6	6	7	8	9	11
1.25°	5	5	5	5	5	6	6	7	8	9	11
0°	5	5	5	5	5	6	6	7	8	9	11
-1.25°	5	5	5	5	5	6	6	7	8	9	11
-2.5°	5	5	5	5	5	6	6	7	8	9	11
-3.75°	5	5	5	5	5	6	6	7	8	9	11
-5°	5	5	5	5	5	6	6	7	8	9	11
-6.25°	5	5	5	5	5	6	6	7	8	9	10
-7.5°	5	5	5	5	5	6	6	7	7	9	10
-8.75°	5	5	5	5	5	6	6	7	7	9	10
-10°	4	5	5	5	5	6	6	7	7	8	10
-11.25°	4	5	5	5	5	6	6	6	7	8	10
-12.5°	4	5	5	5	5	6	6	6	7	8	9
-13.75°	4	5	5	5	5	5	6	6	7	8	9
-15°	4	5	5	5	5	5	6	6	7	8	9
-16.25°	4	5	5	5	5	5	6	6	7	7	8
-17.5°	4	5	5	5	5	5	6	6	6	7	8
-18.75°	4	4	5	5	5	5	6	6	6	7	8
-20°	4	4	5	5	5	5	5	6	6	7	7
-21.25°	4	4	5	5	5	5	5	6	6	7	7



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	4	4	5	5	5	5	5	6	6	6	7
-23.75°	4	4	5	5	5	5	5	5	6	6	7
-25°	4	4	4	5	5	5	5	5	6	6	7
-26.25°	4	4	4	5	5	5	5	5	6	6	6
-27.5°	4	4	4	5	5	5	5	5	5	6	6
-28.75°	4	4	4	4	5	5	5	5	5	6	6
-30°	4	4	4	4	5	5	5	5	5	6	6
-31.25°	4	4	4	4	5	5	5	5	5	5	6
-32.5°	4	4	4	4	4	5	5	5	5	5	6
-33.75°	4	4	4	4	4	5	5	5	5	5	5
-35°	4	4	4	4	4	4	5	5	5	5	5
-36.25°	4	4	4	4	4	4	5	5	5	5	5
-37.5°	4	4	4	4	4	4	4	5	5	5	5
-38.75°	3	4	4	4	4	4	4	5	5	5	5
-40°	3	4	4	4	4	4	4	4	5	5	5
-41.25°	3	3	4	4	4	4	4	4	5	5	5
-42.5°	3	3	4	4	4	4	4	4	4	5	5
-43.75°	3	3	3	4	4	4	4	4	4	4	5
-45°	3	3	3	4	4	4	4	4	4	4	4
-46.25°	3	3	3	3	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	4	4	4	4	4	4
-50°	3	3	3	3	3	3	4	4	4	4	4
-51.25°	3	3	3	3	3	3	3	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	2	3	3	3	3	3	3	3	3	3	4
-56.25°	2	2	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	3	3	3	3	3
-62.5°	2	2	2	2	2	2	2	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	3	3
-65°	2	2	2	2	2	2	2	2	2	2	3
-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°	1	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	2
76.25°	1	1	1	1	1	2	2	2	2	2	2
75°	1	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	3	3
68.75°	2	2	2	2	2	2	3	3	3	3	3
67.5°	2	2	2	3	3	3	3	3	3	3	3
66.25°	2	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	4	4
61.25°	3	3	3	3	3	3	3	4	4	4	4
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	3	3	3	4	4	4	4	4	4	4	4
57.5°	3	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	5
53.75°	4	4	4	4	4	4	4	4	5	5	5
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	4	4	4	5	5	5	5	5	5
50°	4	4	4	4	5	5	5	5	5	5	5
48.75°	4	4	4	5	5	5	5	5	5	5	5
47.5°	4	5	5	5	5	5	5	5	5	5	6
46.25°	4	5	5	5	5	5	5	5	5	6	6
45°	5	5	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	5	5	6	6	6	6	7
42.5°	5	5	5	5	5	6	6	6	6	7	7
41.25°	5	5	5	5	6	6	6	6	7	7	8
40°	5	5	5	5	6	6	6	7	7	8	9
38.75°	5	5	5	6	6	6	7	7	8	9	10
37.5°	5	5	6	6	6	7	7	8	9	10	11
36.25°	5	6	6	6	7	7	8	9	10	11	12
35°	5	6	6	6	7	7	8	9	10	12	13



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	6	6	6	7	7	8	9	10	11	13	14
32.5°	6	6	7	7	8	9	10	11	13	14	16
31.25°	6	6	7	8	8	10	11	12	14	15	17
30°	6	7	7	8	9	10	12	13	15	17	19
28.75°	6	7	8	9	10	11	13	14	16	19	21
27.5°	7	7	8	9	11	12	14	15	18	20	24
26.25°	7	8	9	10	11	13	15	17	19	22	26
25°	7	8	9	11	12	14	16	18	21	25	29
23.75°	7	9	10	11	13	15	17	20	23	27	31
22.5°	8	9	10	12	14	16	18	21	25	29	36
21.25°	8	10	11	13	14	17	20	23	27	32	40
20°	9	10	12	13	15	18	21	25	29	36	44
18.75°	9	11	12	14	16	19	22	27	32	39	47
17.5°	10	11	13	15	17	20	24	29	35	43	51
16.25°	10	11	13	15	18	21	26	30	38	46	56
15°	10	12	14	16	19	23	27	33	41	49	60
13.75°	11	12	14	17	20	24	29	35	43	53	64
12.5°	11	13	15	18	21	25	30	37	46	56	68
11.25°	11	13	15	18	21	26	31	39	48	59	71
10°	12	13	16	19	22	27	33	41	50	62	75
8.75°	12	14	16	19	23	28	34	43	53	65	78
7.5°	12	14	17	20	24	29	36	45	55	67	82
6.25°	12	14	17	20	24	29	37	46	57	69	85
5°	12	14	17	20	25	30	38	47	58	71	87
3.75°	13	15	18	21	25	30	39	48	60	72	89
2.5°	13	15	18	21	26	31	39	48	60	73	90
1.25°	13	15	18	21	26	31	40	49	61	73	91
0°	13	15	18	21	26	31	40	49	61	73	91
-1.25°	13	15	18	21	26	31	40	49	61	73	91
-2.5°	13	15	18	21	26	31	39	48	60	73	90
-3.75°	13	15	18	21	25	30	39	48	60	72	89
-5°	12	14	17	20	25	30	38	47	58	71	87
-6.25°	12	14	17	20	24	29	37	46	57	69	85
-7.5°	12	14	17	20	24	29	36	45	55	67	82
-8.75°	12	14	16	19	23	28	34	43	53	65	78
-10°	12	13	16	19	22	27	33	41	50	62	75
-11.25°	11	13	15	18	21	26	31	39	48	59	71
-12.5°	11	13	15	18	21	25	30	37	46	56	68
-13.75°	11	12	14	17	20	24	29	35	43	53	64
-15°	10	12	14	16	19	23	27	33	41	49	60
-16.25°	10	11	13	15	18	21	26	30	38	46	56
-17.5°	10	11	13	15	17	20	24	29	35	43	51
-18.75°	9	11	12	14	16	19	22	27	32	39	47
-20°	9	10	12	13	15	18	21	25	29	36	44
-21.25°	8	10	11	13	14	17	20	23	27	32	40



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	8	9	10	12	14	16	18	21	25	29	36
-23.75°	7	9	10	11	13	15	17	20	23	27	31
-25°	7	8	9	11	12	14	16	18	21	25	29
-26.25°	7	8	9	10	11	13	15	17	19	22	26
-27.5°	7	7	8	9	11	12	14	15	18	20	24
-28.75°	6	7	8	9	10	11	13	14	16	19	21
-30°	6	7	7	8	9	10	12	13	15	17	19
-31.25°	6	6	7	8	8	10	11	12	14	15	17
-32.5°	6	6	7	7	8	9	10	11	13	14	16
-33.75°	6	6	6	7	7	8	9	10	11	13	14
-35°	5	6	6	6	7	7	8	9	10	12	13
-36.25°	5	6	6	6	7	7	8	9	10	11	12
-37.5°	5	5	6	6	6	7	7	8	9	10	11
-38.75°	5	5	5	6	6	6	7	7	8	9	10
-40°	5	5	5	5	6	6	6	7	7	8	9
-41.25°	5	5	5	5	6	6	6	6	7	7	8
-42.5°	5	5	5	5	5	6	6	6	6	7	7
-43.75°	5	5	5	5	5	5	6	6	6	6	7
-45°	5	5	5	5	5	5	5	5	6	6	6
-46.25°	4	5	5	5	5	5	5	5	5	6	6
-47.5°	4	5	5	5	5	5	5	5	5	5	6
-48.75°	4	4	4	5	5	5	5	5	5	5	5
-50°	4	4	4	4	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	2	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	3	3	3	3
71.25°	2	2	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	4	4	4
65°	3	3	3	3	4	4	4	4	4	4	4
63.75°	3	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	5	5
58.75°	4	4	4	4	4	4	5	5	5	5	5
57.5°	4	4	4	5	5	5	5	5	5	5	5
56.25°	4	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	6
52.5°	5	5	5	5	5	5	5	6	6	6	6
51.25°	5	5	5	5	6	6	6	6	6	6	6
50°	5	5	6	6	6	6	6	6	7	7	7
48.75°	5	6	6	6	6	6	7	7	7	7	8
47.5°	6	6	6	6	7	7	7	8	8	9	9
46.25°	6	6	7	7	7	8	8	9	9	10	10
45°	6	7	7	8	8	9	9	10	11	11	12
43.75°	7	7	8	8	9	10	11	11	12	13	14
42.5°	7	8	9	10	10	11	12	13	14	15	16
41.25°	8	9	10	11	12	13	14	15	16	17	18
40°	9	10	11	12	13	14	15	17	18	20	21
38.75°	10	11	13	14	15	16	18	19	21	23	25
37.5°	12	13	14	15	17	19	20	22	25	27	29
36.25°	13	14	16	17	19	21	24	26	29	31	36
35°	14	16	18	20	22	25	27	30	34	39	43



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	16	18	20	22	25	28	31	36	41	46	51
32.5°	18	20	22	25	29	32	37	43	48	54	60
31.25°	20	22	25	29	33	38	44	49	56	63	70
30°	22	25	29	33	39	44	51	58	66	73	82
28.75°	25	28	32	38	44	51	59	67	75	86	96
27.5°	27	31	37	44	51	59	67	76	88	99	110
26.25°	30	36	43	49	58	67	76	88	100	113	129
25°	34	41	48	56	66	75	88	100	114	131	149
23.75°	39	46	54	63	73	86	99	113	131	150	170
22.5°	43	51	60	70	82	96	110	129	149	170	196
21.25°	47	57	67	78	92	106	125	145	166	195	222
20°	52	62	73	87	101	119	140	161	190	219	249
18.75°	57	68	80	95	111	133	154	182	212	243	279
17.5°	62	73	88	104	123	146	171	202	234	270	310
16.25°	67	80	96	112	135	158	190	222	257	298	342
15°	71	87	103	123	147	174	207	241	281	326	375
13.75°	77	93	109	133	157	190	224	262	306	355	409
12.5°	82	99	118	143	169	204	239	282	330	383	442
11.25°	87	104	126	151	182	218	257	302	354	411	473
10°	92	108	134	159	194	230	273	321	376	437	504
8.75°	96	115	140	167	204	242	288	339	398	462	531
7.5°	99	120	146	176	214	253	301	356	416	484	557
6.25°	102	125	151	184	221	264	313	370	434	504	579
5°	104	129	155	190	228	272	323	382	448	520	598
3.75°	106	132	158	195	233	279	332	392	460	533	614
2.5°	108	134	160	198	237	284	338	399	468	543	625
1.25°	109	135	162	200	239	287	341	404	473	549	632
0°	109	136	162	201	240	288	343	405	474	551	634
-1.25°	109	135	162	200	239	287	341	404	473	549	632
-2.5°	108	134	160	198	237	284	338	399	468	543	625
-3.75°	106	132	158	195	233	279	332	392	460	533	614
-5°	104	129	155	190	228	272	323	382	448	520	598
-6.25°	102	125	151	184	221	264	313	370	434	504	579
-7.5°	99	120	146	176	214	253	301	356	416	484	557
-8.75°	96	115	140	167	204	242	288	339	398	462	531
-10°	92	108	134	159	194	230	273	321	376	437	504
-11.25°	87	104	126	151	182	218	257	302	354	411	473
-12.5°	82	99	118	143	169	204	239	282	330	383	442
-13.75°	77	93	109	133	157	190	224	262	306	355	409
-15°	71	87	103	123	147	174	207	241	281	326	375
-16.25°	67	80	96	112	135	158	190	222	257	298	342
-17.5°	62	73	88	104	123	146	171	202	234	270	310
-18.75°	57	68	80	95	111	133	154	182	212	243	279
-20°	52	62	73	87	101	119	140	161	190	219	249
-21.25°	47	57	67	78	92	106	125	145	166	195	222



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	43	51	60	70	82	96	110	129	149	170	196
-23.75°	39	46	54	63	73	86	99	113	131	150	170
-25°	34	41	48	56	66	75	88	100	114	131	149
-26.25°	30	36	43	49	58	67	76	88	100	113	129
-27.5°	27	31	37	44	51	59	67	76	88	99	110
-28.75°	25	28	32	38	44	51	59	67	75	86	96
-30°	22	25	29	33	39	44	51	58	66	73	82
-31.25°	20	22	25	29	33	38	44	49	56	63	70
-32.5°	18	20	22	25	29	32	37	43	48	54	60
-33.75°	16	18	20	22	25	28	31	36	41	46	51
-35°	14	16	18	20	22	25	27	30	34	39	43
-36.25°	13	14	16	17	19	21	24	26	29	31	36
-37.5°	12	13	14	15	17	19	20	22	25	27	29
-38.75°	10	11	13	14	15	16	18	19	21	23	25
-40°	9	10	11	12	13	14	15	17	18	20	21
-41.25°	8	9	10	11	12	13	14	15	16	17	18
-42.5°	7	8	9	10	10	11	12	13	14	15	16
-43.75°	7	7	8	8	9	10	11	11	12	13	14
-45°	6	7	7	8	8	9	9	10	11	11	12
-46.25°	6	6	7	7	7	8	8	9	9	10	10
-47.5°	6	6	6	6	7	7	7	8	8	9	9
-48.75°	5	6	6	6	6	6	7	7	7	7	8
-50°	5	5	6	6	6	6	6	6	7	7	7
-51.25°	5	5	5	5	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	5	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	5
61.25°	4	4	4	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	6	6	6	6
55°	5	5	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	7	7
52.5°	6	6	6	6	7	7	7	7	7	7	7
51.25°	7	7	7	7	7	8	8	8	8	8	9
50°	7	7	8	8	8	9	9	9	10	10	10
48.75°	8	9	9	10	10	10	11	11	11	12	12
47.5°	10	10	11	11	11	12	12	13	13	13	14
46.25°	11	12	12	13	13	14	14	15	15	16	16
45°	13	13	14	15	15	16	17	18	18	19	19
43.75°	14	15	16	17	18	19	20	21	21	22	23
42.5°	17	18	19	20	21	23	24	25	26	27	28
41.25°	20	21	22	24	26	27	29	30	31	33	34
40°	23	25	27	29	30	33	35	37	39	41	43
38.75°	27	29	32	35	38	41	43	46	48	50	53
37.5°	32	36	39	43	46	49	53	56	59	62	65
36.25°	40	44	47	51	56	60	64	68	71	75	78
35°	47	52	57	62	67	71	77	82	87	92	96



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	57	62	68	73	80	87	93	99	104	108	115
32.5°	67	73	80	88	96	103	109	118	126	134	140
31.25°	78	87	95	104	112	123	133	143	151	159	167
30°	92	101	111	123	135	147	157	169	182	194	204
28.75°	106	119	133	146	158	174	190	204	218	230	242
27.5°	125	140	154	171	190	207	224	239	257	273	288
26.25°	145	161	182	202	222	241	262	282	302	321	339
25°	166	190	212	234	257	281	306	330	354	376	398
23.75°	195	219	243	270	298	326	355	383	411	437	462
22.5°	222	249	279	310	342	375	409	442	473	504	531
21.25°	251	283	317	354	391	429	467	504	540	574	606
20°	283	320	359	401	443	486	528	570	611	650	687
18.75°	317	359	404	450	497	545	593	641	687	730	771
17.5°	354	401	450	501	554	607	661	714	764	812	857
16.25°	391	443	497	554	612	671	730	788	843	897	944
15°	429	486	545	607	671	736	799	863	923	978	1030
13.75°	467	528	593	661	730	799	870	936	999	1060	1113
12.5°	504	570	641	714	788	863	936	1007	1074	1136	1189
11.25°	540	611	687	764	843	923	999	1074	1143	1204	1257
10°	574	650	730	812	897	978	1060	1136	1204	1265	1315
8.75°	606	687	771	857	944	1030	1113	1189	1257	1315	1364
7.5°	636	720	807	898	987	1076	1159	1235	1301	1357	1406
6.25°	662	749	839	933	1025	1115	1199	1274	1338	1393	1441
5°	683	773	867	961	1057	1147	1230	1304	1367	1422	1469
3.75°	701	792	889	984	1081	1172	1255	1328	1389	1444	1491
2.5°	714	806	905	1001	1099	1190	1273	1344	1405	1459	1507
1.25°	722	815	914	1012	1110	1201	1283	1353	1415	1469	1517
0°	724	817	917	1015	1113	1204	1286	1356	1418	1472	1520
-1.25°	722	815	914	1012	1110	1201	1283	1353	1415	1469	1517
-2.5°	714	806	905	1001	1099	1190	1273	1344	1405	1459	1507
-3.75°	701	792	889	984	1081	1172	1255	1328	1389	1444	1491
-5°	683	773	867	961	1057	1147	1230	1304	1367	1422	1469
-6.25°	662	749	839	933	1025	1115	1199	1274	1338	1393	1441
-7.5°	636	720	807	898	987	1076	1159	1235	1301	1357	1406
-8.75°	606	687	771	857	944	1030	1113	1189	1257	1315	1364
-10°	574	650	730	812	897	978	1060	1136	1204	1265	1315
-11.25°	540	611	687	764	843	923	999	1074	1143	1204	1257
-12.5°	504	570	641	714	788	863	936	1007	1074	1136	1189
-13.75°	467	528	593	661	730	799	870	936	999	1060	1113
-15°	429	486	545	607	671	736	799	863	923	978	1030
-16.25°	391	443	497	554	612	671	730	788	843	897	944
-17.5°	354	401	450	501	554	607	661	714	764	812	857
-18.75°	317	359	404	450	497	545	593	641	687	730	771
-20°	283	320	359	401	443	486	528	570	611	650	687
-21.25°	251	283	317	354	391	429	467	504	540	574	606



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	222	249	279	310	342	375	409	442	473	504	531
-23.75°	195	219	243	270	298	326	355	383	411	437	462
-25°	166	190	212	234	257	281	306	330	354	376	398
-26.25°	145	161	182	202	222	241	262	282	302	321	339
-27.5°	125	140	154	171	190	207	224	239	257	273	288
-28.75°	106	119	133	146	158	174	190	204	218	230	242
-30°	92	101	111	123	135	147	157	169	182	194	204
-31.25°	78	87	95	104	112	123	133	143	151	159	167
-32.5°	67	73	80	88	96	103	109	118	126	134	140
-33.75°	57	62	68	73	80	87	93	99	104	108	115
-35°	47	52	57	62	67	71	77	82	87	92	96
-36.25°	40	44	47	51	56	60	64	68	71	75	78
-37.5°	32	36	39	43	46	49	53	56	59	62	65
-38.75°	27	29	32	35	38	41	43	46	48	50	53
-40°	23	25	27	29	30	33	35	37	39	41	43
-41.25°	20	21	22	24	26	27	29	30	31	33	34
-42.5°	17	18	19	20	21	23	24	25	26	27	28
-43.75°	14	15	16	17	18	19	20	21	21	22	23
-45°	13	13	14	15	15	16	17	18	18	19	19
-46.25°	11	12	12	13	13	14	14	15	15	16	16
-47.5°	10	10	11	11	11	12	12	13	13	13	14
-48.75°	8	9	9	10	10	10	11	11	11	12	12
-50°	7	7	8	8	8	9	9	9	10	10	10
-51.25°	7	7	7	7	7	8	8	8	8	8	9
-52.5°	6	6	6	6	7	7	7	7	7	7	7
-53.75°	6	6	6	6	6	6	6	6	6	7	7
-55°	5	5	6	6	6	6	6	6	6	6	6
-56.25°	5	5	5	5	5	5	5	6	6	6	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	3	3	3	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	2	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	4	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	7	8	8	8	8	8	8	8	8	8	8
51.25°	9	9	9	9	9	9	9	9	9	9	9
50°	10	10	11	11	11	11	11	11	11	11	11
48.75°	12	12	12	13	13	13	13	13	13	13	12
47.5°	14	14	14	15	15	15	15	15	15	15	14
46.25°	17	17	17	18	18	18	18	18	18	18	17
45°	20	20	20	21	21	21	21	21	21	21	20
43.75°	24	24	25	25	26	26	26	26	26	25	25
42.5°	29	29	30	30	31	31	31	31	31	30	30
41.25°	36	37	38	39	39	40	40	40	39	39	38
40°	45	46	47	48	48	49	49	49	48	48	47
38.75°	55	57	58	60	60	61	61	61	60	60	58
37.5°	67	69	71	72	73	73	73	73	73	72	71
36.25°	82	85	87	89	90	91	91	91	90	89	87
35°	99	102	104	106	108	109	109	109	108	106	104



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	120	125	129	132	134	135	136	135	134	132	129
32.5°	146	151	155	158	160	162	162	162	160	158	155
31.25°	176	184	190	195	198	200	201	200	198	195	190
30°	214	221	228	233	237	239	240	239	237	233	228
28.75°	253	264	272	279	284	287	288	287	284	279	272
27.5°	301	313	323	332	338	341	343	341	338	332	323
26.25°	356	370	382	392	399	404	405	404	399	392	382
25°	416	434	448	460	468	473	474	473	468	460	448
23.75°	484	504	520	533	543	549	551	549	543	533	520
22.5°	557	579	598	614	625	632	634	632	625	614	598
21.25°	636	662	683	701	714	722	724	722	714	701	683
20°	720	749	773	792	806	815	817	815	806	792	773
18.75°	807	839	867	889	905	914	917	914	905	889	867
17.5°	898	933	961	984	1001	1012	1015	1012	1001	984	961
16.25°	987	1025	1057	1081	1099	1110	1113	1110	1099	1081	1057
15°	1076	1115	1147	1172	1190	1201	1204	1201	1190	1172	1147
13.75°	1159	1199	1230	1255	1273	1283	1286	1283	1273	1255	1230
12.5°	1235	1274	1304	1328	1344	1353	1356	1353	1344	1328	1304
11.25°	1301	1338	1367	1389	1405	1415	1418	1415	1405	1389	1367
10°	1357	1393	1422	1444	1459	1469	1472	1469	1459	1444	1422
8.75°	1406	1441	1469	1491	1507	1517	1520	1517	1507	1491	1469
7.5°	1447	1482	1511	1533	1550	1559	1562	1559	1550	1533	1511
6.25°	1482	1517	1547	1568	1581	1587	1589	1587	1581	1568	1547
5°	1511	1547	1575	1589	1595	1598	1599	1598	1595	1589	1575
3.75°	1533	1568	1589	1597	1599	1598	1597	1598	1599	1597	1589
2.5°	1550	1581	1595	1599	1596	1593	1592	1593	1596	1599	1595
1.25°	1559	1587	1598	1598	1593	1591	1593	1591	1593	1598	1598
0°	1562	1589	1599	1597	1592	1593	1599	1593	1592	1597	1599
-1.25°	1559	1587	1598	1598	1593	1591	1593	1591	1593	1598	1598
-2.5°	1550	1581	1595	1599	1596	1593	1592	1593	1596	1599	1595
-3.75°	1533	1568	1589	1597	1599	1598	1597	1598	1599	1597	1589
-5°	1511	1547	1575	1589	1595	1598	1599	1598	1595	1589	1575
-6.25°	1482	1517	1547	1568	1581	1587	1589	1587	1581	1568	1547
-7.5°	1447	1482	1511	1533	1550	1559	1562	1559	1550	1533	1511
-8.75°	1406	1441	1469	1491	1507	1517	1520	1517	1507	1491	1469
-10°	1357	1393	1422	1444	1459	1469	1472	1469	1459	1444	1422
-11.25°	1301	1338	1367	1389	1405	1415	1418	1415	1405	1389	1367
-12.5°	1235	1274	1304	1328	1344	1353	1356	1353	1344	1328	1304
-13.75°	1159	1199	1230	1255	1273	1283	1286	1283	1273	1255	1230
-15°	1076	1115	1147	1172	1190	1201	1204	1201	1190	1172	1147
-16.25°	987	1025	1057	1081	1099	1110	1113	1110	1099	1081	1057
-17.5°	898	933	961	984	1001	1012	1015	1012	1001	984	961
-18.75°	807	839	867	889	905	914	917	914	905	889	867
-20°	720	749	773	792	806	815	817	815	806	792	773
-21.25°	636	662	683	701	714	722	724	722	714	701	683



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	557	579	598	614	625	632	634	632	625	614	598
-23.75°	484	504	520	533	543	549	551	549	543	533	520
-25°	416	434	448	460	468	473	474	473	468	460	448
-26.25°	356	370	382	392	399	404	405	404	399	392	382
-27.5°	301	313	323	332	338	341	343	341	338	332	323
-28.75°	253	264	272	279	284	287	288	287	284	279	272
-30°	214	221	228	233	237	239	240	239	237	233	228
-31.25°	176	184	190	195	198	200	201	200	198	195	190
-32.5°	146	151	155	158	160	162	162	162	160	158	155
-33.75°	120	125	129	132	134	135	136	135	134	132	129
-35°	99	102	104	106	108	109	109	109	108	106	104
-36.25°	82	85	87	89	90	91	91	91	90	89	87
-37.5°	67	69	71	72	73	73	73	73	73	72	71
-38.75°	55	57	58	60	60	61	61	61	60	60	58
-40°	45	46	47	48	48	49	49	49	48	48	47
-41.25°	36	37	38	39	39	40	40	40	39	39	38
-42.5°	29	29	30	30	31	31	31	31	31	30	30
-43.75°	24	24	25	25	26	26	26	26	26	25	25
-45°	20	20	20	21	21	21	21	21	21	21	20
-46.25°	17	17	17	18	18	18	18	18	18	18	17
-47.5°	14	14	14	15	15	15	15	15	15	15	14
-48.75°	12	12	12	13	13	13	13	13	13	13	12
-50°	10	10	11	11	11	11	11	11	11	11	11
-51.25°	9	9	9	9	9	9	9	9	9	9	9
-52.5°	7	8	8	8	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	4	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	2	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	3
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	6	6	6	5	5	5	5	5
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	6	6	6	6	6	6	6
52.5°	8	7	7	7	7	7	7	7	7	6	6
51.25°	9	9	9	8	8	8	8	8	7	7	7
50°	10	10	10	10	10	9	9	9	8	8	8
48.75°	12	12	12	12	11	11	11	10	10	10	9
47.5°	14	14	14	13	13	13	12	12	11	11	11
46.25°	17	17	16	16	15	15	14	14	13	13	12
45°	20	20	19	19	18	18	17	16	15	15	14
43.75°	24	24	23	22	21	21	20	19	18	17	16
42.5°	29	29	28	27	26	25	24	23	21	20	19
41.25°	37	36	34	33	31	30	29	27	26	24	22
40°	46	45	43	41	39	37	35	33	30	29	27
38.75°	57	55	53	50	48	46	43	41	38	35	32
37.5°	69	67	65	62	59	56	53	49	46	43	39
36.25°	85	82	78	75	71	68	64	60	56	51	47
35°	102	99	96	92	87	82	77	71	67	62	57



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	125	120	115	108	104	99	93	87	80	73	68
32.5°	151	146	140	134	126	118	109	103	96	88	80
31.25°	184	176	167	159	151	143	133	123	112	104	95
30°	221	214	204	194	182	169	157	147	135	123	111
28.75°	264	253	242	230	218	204	190	174	158	146	133
27.5°	313	301	288	273	257	239	224	207	190	171	154
26.25°	370	356	339	321	302	282	262	241	222	202	182
25°	434	416	398	376	354	330	306	281	257	234	212
23.75°	504	484	462	437	411	383	355	326	298	270	243
22.5°	579	557	531	504	473	442	409	375	342	310	279
21.25°	662	636	606	574	540	504	467	429	391	354	317
20°	749	720	687	650	611	570	528	486	443	401	359
18.75°	839	807	771	730	687	641	593	545	497	450	404
17.5°	933	898	857	812	764	714	661	607	554	501	450
16.25°	1025	987	944	897	843	788	730	671	612	554	497
15°	1115	1076	1030	978	923	863	799	736	671	607	545
13.75°	1199	1159	1113	1060	999	936	870	799	730	661	593
12.5°	1274	1235	1189	1136	1074	1007	936	863	788	714	641
11.25°	1338	1301	1257	1204	1143	1074	999	923	843	764	687
10°	1393	1357	1315	1265	1204	1136	1060	978	897	812	730
8.75°	1441	1406	1364	1315	1257	1189	1113	1030	944	857	771
7.5°	1482	1447	1406	1357	1301	1235	1159	1076	987	898	807
6.25°	1517	1482	1441	1393	1338	1274	1199	1115	1025	933	839
5°	1547	1511	1469	1422	1367	1304	1230	1147	1057	961	867
3.75°	1568	1533	1491	1444	1389	1328	1255	1172	1081	984	889
2.5°	1581	1550	1507	1459	1405	1344	1273	1190	1099	1001	905
1.25°	1587	1559	1517	1469	1415	1353	1283	1201	1110	1012	914
0°	1589	1562	1520	1472	1418	1356	1286	1204	1113	1015	917
-1.25°	1587	1559	1517	1469	1415	1353	1283	1201	1110	1012	914
-2.5°	1581	1550	1507	1459	1405	1344	1273	1190	1099	1001	905
-3.75°	1568	1533	1491	1444	1389	1328	1255	1172	1081	984	889
-5°	1547	1511	1469	1422	1367	1304	1230	1147	1057	961	867
-6.25°	1517	1482	1441	1393	1338	1274	1199	1115	1025	933	839
-7.5°	1482	1447	1406	1357	1301	1235	1159	1076	987	898	807
-8.75°	1441	1406	1364	1315	1257	1189	1113	1030	944	857	771
-10°	1393	1357	1315	1265	1204	1136	1060	978	897	812	730
-11.25°	1338	1301	1257	1204	1143	1074	999	923	843	764	687
-12.5°	1274	1235	1189	1136	1074	1007	936	863	788	714	641
-13.75°	1199	1159	1113	1060	999	936	870	799	730	661	593
-15°	1115	1076	1030	978	923	863	799	736	671	607	545
-16.25°	1025	987	944	897	843	788	730	671	612	554	497
-17.5°	933	898	857	812	764	714	661	607	554	501	450
-18.75°	839	807	771	730	687	641	593	545	497	450	404
-20°	749	720	687	650	611	570	528	486	443	401	359
-21.25°	662	636	606	574	540	504	467	429	391	354	317



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	579	557	531	504	473	442	409	375	342	310	279
-23.75°	504	484	462	437	411	383	355	326	298	270	243
-25°	434	416	398	376	354	330	306	281	257	234	212
-26.25°	370	356	339	321	302	282	262	241	222	202	182
-27.5°	313	301	288	273	257	239	224	207	190	171	154
-28.75°	264	253	242	230	218	204	190	174	158	146	133
-30°	221	214	204	194	182	169	157	147	135	123	111
-31.25°	184	176	167	159	151	143	133	123	112	104	95
-32.5°	151	146	140	134	126	118	109	103	96	88	80
-33.75°	125	120	115	108	104	99	93	87	80	73	68
-35°	102	99	96	92	87	82	77	71	67	62	57
-36.25°	85	82	78	75	71	68	64	60	56	51	47
-37.5°	69	67	65	62	59	56	53	49	46	43	39
-38.75°	57	55	53	50	48	46	43	41	38	35	32
-40°	46	45	43	41	39	37	35	33	30	29	27
-41.25°	37	36	34	33	31	30	29	27	26	24	22
-42.5°	29	29	28	27	26	25	24	23	21	20	19
-43.75°	24	24	23	22	21	21	20	19	18	17	16
-45°	20	20	19	19	18	18	17	16	15	15	14
-46.25°	17	17	16	16	15	15	14	14	13	13	12
-47.5°	14	14	14	13	13	13	12	12	11	11	11
-48.75°	12	12	12	12	11	11	11	10	10	10	9
-50°	10	10	10	10	10	9	9	9	8	8	8
-51.25°	9	9	9	8	8	8	8	8	7	7	7
-52.5°	8	7	7	7	7	7	7	7	7	6	6
-53.75°	7	7	7	7	6	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	4
-62.5°	5	5	5	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	1	1	1	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	5	5	5	5	5
51.25°	7	7	6	6	6	6	6	6	6	5	5
50°	7	7	7	7	7	6	6	6	6	6	6
48.75°	9	8	8	7	7	7	7	6	6	6	6
47.5°	10	10	9	9	8	8	7	7	7	6	6
46.25°	12	11	10	10	9	9	8	8	7	7	7
45°	13	13	12	11	11	10	9	9	8	8	7
43.75°	15	14	14	13	12	11	11	10	9	8	8
42.5°	18	17	16	15	14	13	12	11	10	10	9
41.25°	21	20	18	17	16	15	14	13	12	11	10
40°	25	23	21	20	18	17	15	14	13	12	11
38.75°	29	27	25	23	21	19	18	16	15	14	13
37.5°	36	32	29	27	25	22	20	19	17	15	14
36.25°	44	40	36	31	29	26	24	21	19	17	16
35°	52	47	43	39	34	30	27	25	22	20	18



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	62	57	51	46	41	36	31	28	25	22	20
32.5°	73	67	60	54	48	43	37	32	29	25	22
31.25°	87	78	70	63	56	49	44	38	33	29	25
30°	101	92	82	73	66	58	51	44	39	33	29
28.75°	119	106	96	86	75	67	59	51	44	38	32
27.5°	140	125	110	99	88	76	67	59	51	44	37
26.25°	161	145	129	113	100	88	76	67	58	49	43
25°	190	166	149	131	114	100	88	75	66	56	48
23.75°	219	195	170	150	131	113	99	86	73	63	54
22.5°	249	222	196	170	149	129	110	96	82	70	60
21.25°	283	251	222	195	166	145	125	106	92	78	67
20°	320	283	249	219	190	161	140	119	101	87	73
18.75°	359	317	279	243	212	182	154	133	111	95	80
17.5°	401	354	310	270	234	202	171	146	123	104	88
16.25°	443	391	342	298	257	222	190	158	135	112	96
15°	486	429	375	326	281	241	207	174	147	123	103
13.75°	528	467	409	355	306	262	224	190	157	133	109
12.5°	570	504	442	383	330	282	239	204	169	143	118
11.25°	611	540	473	411	354	302	257	218	182	151	126
10°	650	574	504	437	376	321	273	230	194	159	134
8.75°	687	606	531	462	398	339	288	242	204	167	140
7.5°	720	636	557	484	416	356	301	253	214	176	146
6.25°	749	662	579	504	434	370	313	264	221	184	151
5°	773	683	598	520	448	382	323	272	228	190	155
3.75°	792	701	614	533	460	392	332	279	233	195	158
2.5°	806	714	625	543	468	399	338	284	237	198	160
1.25°	815	722	632	549	473	404	341	287	239	200	162
0°	817	724	634	551	474	405	343	288	240	201	162
-1.25°	815	722	632	549	473	404	341	287	239	200	162
-2.5°	806	714	625	543	468	399	338	284	237	198	160
-3.75°	792	701	614	533	460	392	332	279	233	195	158
-5°	773	683	598	520	448	382	323	272	228	190	155
-6.25°	749	662	579	504	434	370	313	264	221	184	151
-7.5°	720	636	557	484	416	356	301	253	214	176	146
-8.75°	687	606	531	462	398	339	288	242	204	167	140
-10°	650	574	504	437	376	321	273	230	194	159	134
-11.25°	611	540	473	411	354	302	257	218	182	151	126
-12.5°	570	504	442	383	330	282	239	204	169	143	118
-13.75°	528	467	409	355	306	262	224	190	157	133	109
-15°	486	429	375	326	281	241	207	174	147	123	103
-16.25°	443	391	342	298	257	222	190	158	135	112	96
-17.5°	401	354	310	270	234	202	171	146	123	104	88
-18.75°	359	317	279	243	212	182	154	133	111	95	80
-20°	320	283	249	219	190	161	140	119	101	87	73
-21.25°	283	251	222	195	166	145	125	106	92	78	67



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	249	222	196	170	149	129	110	96	82	70	60
-23.75°	219	195	170	150	131	113	99	86	73	63	54
-25°	190	166	149	131	114	100	88	75	66	56	48
-26.25°	161	145	129	113	100	88	76	67	58	49	43
-27.5°	140	125	110	99	88	76	67	59	51	44	37
-28.75°	119	106	96	86	75	67	59	51	44	38	32
-30°	101	92	82	73	66	58	51	44	39	33	29
-31.25°	87	78	70	63	56	49	44	38	33	29	25
-32.5°	73	67	60	54	48	43	37	32	29	25	22
-33.75°	62	57	51	46	41	36	31	28	25	22	20
-35°	52	47	43	39	34	30	27	25	22	20	18
-36.25°	44	40	36	31	29	26	24	21	19	17	16
-37.5°	36	32	29	27	25	22	20	19	17	15	14
-38.75°	29	27	25	23	21	19	18	16	15	14	13
-40°	25	23	21	20	18	17	15	14	13	12	11
-41.25°	21	20	18	17	16	15	14	13	12	11	10
-42.5°	18	17	16	15	14	13	12	11	10	10	9
-43.75°	15	14	14	13	12	11	11	10	9	8	8
-45°	13	13	12	11	11	10	9	9	8	8	7
-46.25°	12	11	10	10	9	9	8	8	7	7	7
-47.5°	10	10	9	9	8	8	7	7	7	6	6
-48.75°	9	8	8	7	7	7	7	6	6	6	6
-50°	7	7	7	7	7	6	6	6	6	6	6
-51.25°	7	7	6	6	6	6	6	6	6	5	5
-52.5°	6	6	6	6	6	6	5	5	5	5	5
-53.75°	6	6	6	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	4
-58.75°	5	5	5	5	5	5	5	4	4	4	4
-60°	5	5	5	5	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	3	3
-66.25°	4	4	4	4	4	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	2	2	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	2	2	2	1	1	1	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	4	4	4
50°	5	5	5	5	5	5	5	5	5	4	4
48.75°	6	5	5	5	5	5	5	5	5	5	4
47.5°	6	6	6	5	5	5	5	5	5	5	5
46.25°	6	6	6	6	5	5	5	5	5	5	5
45°	7	6	6	6	6	5	5	5	5	5	5
43.75°	7	7	7	6	6	6	6	5	5	5	5
42.5°	8	7	7	7	6	6	6	6	5	5	5
41.25°	9	8	8	7	7	6	6	6	6	5	5
40°	10	9	9	8	7	7	6	6	6	5	5
38.75°	11	10	10	9	8	7	7	6	6	6	5
37.5°	13	12	11	10	9	8	7	7	6	6	6
36.25°	14	13	12	11	10	9	8	7	7	6	6
35°	16	14	13	12	10	9	8	7	7	6	6



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	18	16	14	13	11	10	9	8	7	7	6
32.5°	20	18	16	14	13	11	10	9	8	7	7
31.25°	22	20	17	15	14	12	11	10	8	8	7
30°	25	22	19	17	15	13	12	10	9	8	7
28.75°	28	25	21	19	16	14	13	11	10	9	8
27.5°	31	27	24	20	18	15	14	12	11	9	8
26.25°	36	30	26	22	19	17	15	13	11	10	9
25°	41	34	29	25	21	18	16	14	12	11	9
23.75°	46	39	31	27	23	20	17	15	13	11	10
22.5°	51	43	36	29	25	21	18	16	14	12	10
21.25°	57	47	40	32	27	23	20	17	14	13	11
20°	62	52	44	36	29	25	21	18	15	13	12
18.75°	68	57	47	39	32	27	22	19	16	14	12
17.5°	73	62	51	43	35	29	24	20	17	15	13
16.25°	80	67	56	46	38	30	26	21	18	15	13
15°	87	71	60	49	41	33	27	23	19	16	14
13.75°	93	77	64	53	43	35	29	24	20	17	14
12.5°	99	82	68	56	46	37	30	25	21	18	15
11.25°	104	87	71	59	48	39	31	26	21	18	15
10°	108	92	75	62	50	41	33	27	22	19	16
8.75°	115	96	78	65	53	43	34	28	23	19	16
7.5°	120	99	82	67	55	45	36	29	24	20	17
6.25°	125	102	85	69	57	46	37	29	24	20	17
5°	129	104	87	71	58	47	38	30	25	20	17
3.75°	132	106	89	72	60	48	39	30	25	21	18
2.5°	134	108	90	73	60	48	39	31	26	21	18
1.25°	135	109	91	73	61	49	40	31	26	21	18
0°	136	109	91	73	61	49	40	31	26	21	18
-1.25°	135	109	91	73	61	49	40	31	26	21	18
-2.5°	134	108	90	73	60	48	39	31	26	21	18
-3.75°	132	106	89	72	60	48	39	30	25	21	18
-5°	129	104	87	71	58	47	38	30	25	20	17
-6.25°	125	102	85	69	57	46	37	29	24	20	17
-7.5°	120	99	82	67	55	45	36	29	24	20	17
-8.75°	115	96	78	65	53	43	34	28	23	19	16
-10°	108	92	75	62	50	41	33	27	22	19	16
-11.25°	104	87	71	59	48	39	31	26	21	18	15
-12.5°	99	82	68	56	46	37	30	25	21	18	15
-13.75°	93	77	64	53	43	35	29	24	20	17	14
-15°	87	71	60	49	41	33	27	23	19	16	14
-16.25°	80	67	56	46	38	30	26	21	18	15	13
-17.5°	73	62	51	43	35	29	24	20	17	15	13
-18.75°	68	57	47	39	32	27	22	19	16	14	12
-20°	62	52	44	36	29	25	21	18	15	13	12
-21.25°	57	47	40	32	27	23	20	17	14	13	11



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	51	43	36	29	25	21	18	16	14	12	10
-23.75°	46	39	31	27	23	20	17	15	13	11	10
-25°	41	34	29	25	21	18	16	14	12	11	9
-26.25°	36	30	26	22	19	17	15	13	11	10	9
-27.5°	31	27	24	20	18	15	14	12	11	9	8
-28.75°	28	25	21	19	16	14	13	11	10	9	8
-30°	25	22	19	17	15	13	12	10	9	8	7
-31.25°	22	20	17	15	14	12	11	10	8	8	7
-32.5°	20	18	16	14	13	11	10	9	8	7	7
-33.75°	18	16	14	13	11	10	9	8	7	7	6
-35°	16	14	13	12	10	9	8	7	7	6	6
-36.25°	14	13	12	11	10	9	8	7	7	6	6
-37.5°	13	12	11	10	9	8	7	7	6	6	6
-38.75°	11	10	10	9	8	7	7	6	6	6	5
-40°	10	9	9	8	7	7	6	6	6	5	5
-41.25°	9	8	8	7	7	6	6	6	6	5	5
-42.5°	8	7	7	7	6	6	6	6	5	5	5
-43.75°	7	7	7	6	6	6	6	5	5	5	5
-45°	7	6	6	6	6	5	5	5	5	5	5
-46.25°	6	6	6	6	5	5	5	5	5	5	5
-47.5°	6	6	6	5	5	5	5	5	5	5	5
-48.75°	6	5	5	5	5	5	5	5	5	5	4
-50°	5	5	5	5	5	5	5	5	5	4	4
-51.25°	5	5	5	5	5	5	5	5	4	4	4
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	5	5	5	5	5	4	4	4	4	4	4
-55°	5	5	5	4	4	4	4	4	4	4	4
-56.25°	5	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	3
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	4	4	4	4	4	4	3	3	3	3	3
-62.5°	4	4	4	4	3	3	3	3	3	3	3
-63.75°	4	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	2
-68.75°	3	3	3	3	3	3	3	2	2	2	2
-70°	3	3	3	3	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	1	1	1
-77.5°	2	2	2	1	1	1	1	1	1	1	1



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	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°	3	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	2	2	2	2	2
61.25°	3	3	3	3	3	3	3	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	4	3	3	3	3	3	3	3	3	3	2
56.25°	4	4	3	3	3	3	3	3	3	3	3
55°	4	4	4	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	4	4	4	4	4	4	4	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	3	3	3
47.5°	5	4	4	4	4	4	4	4	4	3	3
46.25°	5	4	4	4	4	4	4	4	4	3	3
45°	5	5	4	4	4	4	4	4	4	4	3
43.75°	5	5	5	4	4	4	4	4	4	4	3
42.5°	5	5	5	5	4	4	4	4	4	4	4
41.25°	5	5	5	5	5	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	4	4	4	4	4
37.5°	5	5	5	5	5	5	4	4	4	4	4
36.25°	6	5	5	5	5	5	5	4	4	4	4
35°	6	5	5	5	5	5	5	4	4	4	4



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	6	6	5	5	5	5	5	5	4	4	4
32.5°	6	6	6	5	5	5	5	5	4	4	4
31.25°	6	6	6	5	5	5	5	5	5	4	4
30°	7	6	6	6	5	5	5	5	5	4	4
28.75°	7	6	6	6	5	5	5	5	5	4	4
27.5°	7	7	6	6	5	5	5	5	5	5	4
26.25°	8	7	6	6	6	5	5	5	5	5	4
25°	8	7	7	6	6	5	5	5	5	5	4
23.75°	9	7	7	6	6	5	5	5	5	5	5
22.5°	9	8	7	6	6	6	5	5	5	5	5
21.25°	10	8	7	7	6	6	5	5	5	5	5
20°	10	9	7	7	6	6	5	5	5	5	5
18.75°	11	9	8	7	6	6	6	5	5	5	5
17.5°	11	10	8	7	6	6	6	5	5	5	5
16.25°	11	10	8	7	7	6	6	5	5	5	5
15°	12	10	9	8	7	6	6	5	5	5	5
13.75°	12	11	9	8	7	6	6	5	5	5	5
12.5°	13	11	9	8	7	6	6	6	5	5	5
11.25°	13	11	10	8	7	6	6	6	5	5	5
10°	13	12	10	8	7	7	6	6	5	5	5
8.75°	14	12	10	9	7	7	6	6	5	5	5
7.5°	14	12	10	9	7	7	6	6	5	5	5
6.25°	14	12	10	9	8	7	6	6	5	5	5
5°	14	12	11	9	8	7	6	6	5	5	5
3.75°	15	13	11	9	8	7	6	6	5	5	5
2.5°	15	13	11	9	8	7	6	6	5	5	5
1.25°	15	13	11	9	8	7	6	6	5	5	5
0°	15	13	11	9	8	7	6	6	5	5	5
-1.25°	15	13	11	9	8	7	6	6	5	5	5
-2.5°	15	13	11	9	8	7	6	6	5	5	5
-3.75°	15	13	11	9	8	7	6	6	5	5	5
-5°	14	12	11	9	8	7	6	6	5	5	5
-6.25°	14	12	10	9	8	7	6	6	5	5	5
-7.5°	14	12	10	9	7	7	6	6	5	5	5
-8.75°	14	12	10	9	7	7	6	6	5	5	5
-10°	13	12	10	8	7	7	6	6	5	5	5
-11.25°	13	11	10	8	7	6	6	6	5	5	5
-12.5°	13	11	9	8	7	6	6	6	5	5	5
-13.75°	12	11	9	8	7	6	6	5	5	5	5
-15°	12	10	9	8	7	6	6	5	5	5	5
-16.25°	11	10	8	7	7	6	6	5	5	5	5
-17.5°	11	10	8	7	6	6	6	5	5	5	5
-18.75°	11	9	8	7	6	6	6	5	5	5	5
-20°	10	9	7	7	6	6	5	5	5	5	5
-21.25°	10	8	7	7	6	6	5	5	5	5	5



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	9	8	7	6	6	6	5	5	5	5	5
-23.75°	9	7	7	6	6	5	5	5	5	5	5
-25°	8	7	7	6	6	5	5	5	5	5	4
-26.25°	8	7	6	6	6	5	5	5	5	5	4
-27.5°	7	7	6	6	5	5	5	5	5	5	4
-28.75°	7	6	6	6	5	5	5	5	5	4	4
-30°	7	6	6	6	5	5	5	5	5	4	4
-31.25°	6	6	6	5	5	5	5	5	5	4	4
-32.5°	6	6	6	5	5	5	5	5	4	4	4
-33.75°	6	6	5	5	5	5	5	5	4	4	4
-35°	6	5	5	5	5	5	5	4	4	4	4
-36.25°	6	5	5	5	5	5	5	4	4	4	4
-37.5°	5	5	5	5	5	5	4	4	4	4	4
-38.75°	5	5	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	4
-41.25°	5	5	5	5	5	4	4	4	4	4	4
-42.5°	5	5	5	5	4	4	4	4	4	4	4
-43.75°	5	5	5	4	4	4	4	4	4	4	3
-45°	5	5	4	4	4	4	4	4	4	4	3
-46.25°	5	4	4	4	4	4	4	4	4	3	3
-47.5°	5	4	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	4	3	3	3
-50°	4	4	4	4	4	4	4	3	3	3	3
-51.25°	4	4	4	4	4	4	3	3	3	3	3
-52.5°	4	4	4	4	4	3	3	3	3	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	4	4	4	3	3	3	3	3	3	3	3
-56.25°	4	4	3	3	3	3	3	3	3	3	3
-57.5°	4	3	3	3	3	3	3	3	3	3	2
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	3	3	2	2	2
-61.25°	3	3	3	3	3	3	3	2	2	2	2
-62.5°	3	3	3	3	3	3	2	2	2	2	2
-63.75°	3	3	3	3	2	2	2	2	2	2	2
-65°	3	3	3	2	2	2	2	2	2	2	2
-66.25°	3	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	1
-71.25°	2	2	2	2	2	2	2	2	1	1	1
-72.5°	2	2	2	2	2	2	1	1	1	1	1
-73.75°	2	2	2	2	1	1	1	1	1	1	1
-75°	2	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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	1	1	1
56.25°	2	2	2	2	2	2	2	2	2	1	1
55°	3	2	2	2	2	2	2	2	2	1	1
53.75°	3	3	2	2	2	2	2	2	2	2	1
52.5°	3	3	2	2	2	2	2	2	2	2	1
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	2	2	2	2	2
46.25°	3	3	3	3	3	2	2	2	2	2	2
45°	3	3	3	3	3	3	2	2	2	2	2
43.75°	3	3	3	3	3	3	2	2	2	2	2
42.5°	3	3	3	3	3	3	2	2	2	2	2
41.25°	3	3	3	3	3	3	3	2	2	2	2
40°	4	3	3	3	3	3	3	2	2	2	2
38.75°	4	3	3	3	3	3	3	2	2	2	2
37.5°	4	4	3	3	3	3	3	3	2	2	2
36.25°	4	4	3	3	3	3	3	3	2	2	2
35°	4	4	3	3	3	3	3	3	2	2	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	4	4	4	3	3	3	3	3	2	2	2
32.5°	4	4	4	3	3	3	3	3	3	2	2
31.25°	4	4	4	3	3	3	3	3	3	2	2
30°	4	4	4	4	3	3	3	3	3	2	2
28.75°	4	4	4	4	3	3	3	3	3	2	2
27.5°	4	4	4	4	3	3	3	3	3	2	2
26.25°	4	4	4	4	3	3	3	3	3	3	2
25°	4	4	4	4	4	3	3	3	3	3	2
23.75°	4	4	4	4	4	3	3	3	3	3	2
22.5°	4	4	4	4	4	3	3	3	3	3	2
21.25°	4	4	4	4	4	3	3	3	3	3	2
20°	4	4	4	4	4	3	3	3	3	3	2
18.75°	4	4	4	4	4	3	3	3	3	3	2
17.5°	5	4	4	4	4	4	3	3	3	3	2
16.25°	5	4	4	4	4	4	3	3	3	3	2
15°	5	4	4	4	4	4	3	3	3	3	3
13.75°	5	4	4	4	4	4	3	3	3	3	3
12.5°	5	4	4	4	4	4	3	3	3	3	3
11.25°	5	4	4	4	4	4	3	3	3	3	3
10°	5	4	4	4	4	4	3	3	3	3	3
8.75°	5	5	4	4	4	4	3	3	3	3	3
7.5°	5	5	4	4	4	4	3	3	3	3	3
6.25°	5	5	4	4	4	4	3	3	3	3	3
5°	5	5	4	4	4	4	3	3	3	3	3
3.75°	5	5	4	4	4	4	3	3	3	3	3
2.5°	5	5	4	4	4	4	3	3	3	3	3
1.25°	5	5	4	4	4	4	3	3	3	3	3
0°	5	5	4	4	4	4	4	3	3	3	3
-1.25°	5	5	4	4	4	4	3	3	3	3	3
-2.5°	5	5	4	4	4	4	3	3	3	3	3
-3.75°	5	5	4	4	4	4	3	3	3	3	3
-5°	5	5	4	4	4	4	3	3	3	3	3
-6.25°	5	5	4	4	4	4	3	3	3	3	3
-7.5°	5	5	4	4	4	4	3	3	3	3	3
-8.75°	5	5	4	4	4	4	3	3	3	3	3
-10°	5	4	4	4	4	4	3	3	3	3	3
-11.25°	5	4	4	4	4	4	3	3	3	3	3
-12.5°	5	4	4	4	4	4	3	3	3	3	3
-13.75°	5	4	4	4	4	4	3	3	3	3	3
-15°	5	4	4	4	4	4	3	3	3	3	3
-16.25°	5	4	4	4	4	4	3	3	3	3	2
-17.5°	5	4	4	4	4	4	3	3	3	3	2
-18.75°	4	4	4	4	4	3	3	3	3	3	2
-20°	4	4	4	4	4	3	3	3	3	3	2
-21.25°	4	4	4	4	4	3	3	3	3	3	2



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	4	4	4	4	4	3	3	3	3	3	2
-23.75°	4	4	4	4	4	3	3	3	3	3	2
-25°	4	4	4	4	4	3	3	3	3	3	2
-26.25°	4	4	4	4	3	3	3	3	3	3	2
-27.5°	4	4	4	4	3	3	3	3	3	2	2
-28.75°	4	4	4	4	3	3	3	3	3	2	2
-30°	4	4	4	4	3	3	3	3	3	2	2
-31.25°	4	4	4	3	3	3	3	3	3	2	2
-32.5°	4	4	4	3	3	3	3	3	3	2	2
-33.75°	4	4	4	3	3	3	3	3	2	2	2
-35°	4	4	3	3	3	3	3	3	2	2	2
-36.25°	4	4	3	3	3	3	3	3	2	2	2
-37.5°	4	4	3	3	3	3	3	3	2	2	2
-38.75°	4	3	3	3	3	3	3	2	2	2	2
-40°	4	3	3	3	3	3	3	2	2	2	2
-41.25°	3	3	3	3	3	3	3	2	2	2	2
-42.5°	3	3	3	3	3	3	2	2	2	2	2
-43.75°	3	3	3	3	3	3	2	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	2	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	2	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	1
-53.75°	3	3	2	2	2	2	2	2	2	2	1
-55°	3	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	2	2	1	1
-57.5°	2	2	2	2	2	2	2	2	1	1	1
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	2	1	1	1	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	2	2	1	1	1	1	1
-63.75°	2	2	2	2	2	1	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	2	2	1	1	1	1	1	1	1	1	1
-68.75°	2	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	0	0	0	0	0	0	0	0	0
70°	1	1	1	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	0	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
46.25°	2	1	1	1	1	1	1	1	0	0	0
45°	2	1	1	1	1	1	1	1	0	0	0
43.75°	2	1	1	1	1	1	1	1	0	0	0
42.5°	2	2	1	1	1	1	1	1	0	0	0
41.25°	2	2	1	1	1	1	1	1	0	0	0
40°	2	2	1	1	1	1	1	1	0	0	0
38.75°	2	2	1	1	1	1	1	1	0	0	0
37.5°	2	2	1	1	1	1	1	1	0	0	0
36.25°	2	2	2	1	1	1	1	1	0	0	0
35°	2	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	1	1	1	1	1	1	0	0
32.5°	2	2	2	1	1	1	1	1	1	0	0
31.25°	2	2	2	1	1	1	1	1	1	0	0
30°	2	2	2	1	1	1	1	1	1	0	0
28.75°	2	2	2	1	1	1	1	1	1	0	0
27.5°	2	2	2	1	1	1	1	1	1	0	0
26.25°	2	2	2	2	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	1	1	1	1	1	0	0
18.75°	2	2	2	2	1	1	1	1	1	0	0
17.5°	2	2	2	2	1	1	1	1	1	0	0
16.25°	2	2	2	2	1	1	1	1	1	0	0
15°	2	2	2	2	1	1	1	1	1	0	0
13.75°	2	2	2	2	1	1	1	1	1	0	0
12.5°	2	2	2	2	1	1	1	1	1	0	0
11.25°	2	2	2	2	1	1	1	1	1	0	0
10°	2	2	2	2	1	1	1	1	1	0	0
8.75°	2	2	2	2	1	1	1	1	1	0	0
7.5°	2	2	2	2	1	1	1	1	1	0	0
6.25°	2	2	2	2	1	1	1	1	1	0	0
5°	2	2	2	2	1	1	1	1	1	0	0
3.75°	2	2	2	2	1	1	1	1	1	0	0
2.5°	2	2	2	2	1	1	1	1	1	0	0
1.25°	2	2	2	2	1	1	1	1	1	0	0
0°	2	2	2	2	2	1	1	1	1	0	0
-1.25°	2	2	2	2	1	1	1	1	1	0	0
-2.5°	2	2	2	2	1	1	1	1	1	0	0
-3.75°	2	2	2	2	1	1	1	1	1	0	0
-5°	2	2	2	2	1	1	1	1	1	0	0
-6.25°	2	2	2	2	1	1	1	1	1	0	0
-7.5°	2	2	2	2	1	1	1	1	1	0	0
-8.75°	2	2	2	2	1	1	1	1	1	0	0
-10°	2	2	2	2	1	1	1	1	1	0	0
-11.25°	2	2	2	2	1	1	1	1	1	0	0
-12.5°	2	2	2	2	1	1	1	1	1	0	0
-13.75°	2	2	2	2	1	1	1	1	1	0	0
-15°	2	2	2	2	1	1	1	1	1	0	0
-16.25°	2	2	2	2	1	1	1	1	1	0	0
-17.5°	2	2	2	2	1	1	1	1	1	0	0
-18.75°	2	2	2	2	1	1	1	1	1	0	0
-20°	2	2	2	2	1	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	1	1	1	1	1	1	0	0
-28.75°	2	2	2	1	1	1	1	1	1	0	0
-30°	2	2	2	1	1	1	1	1	1	0	0
-31.25°	2	2	2	1	1	1	1	1	1	0	0
-32.5°	2	2	2	1	1	1	1	1	1	0	0
-33.75°	2	2	2	1	1	1	1	1	1	0	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-36.25°	2	2	2	1	1	1	1	1	0	0	0
-37.5°	2	2	1	1	1	1	1	1	0	0	0
-38.75°	2	2	1	1	1	1	1	1	0	0	0
-40°	2	2	1	1	1	1	1	1	0	0	0
-41.25°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	2	1	1	1	1	1	1	0	0	0
-43.75°	2	1	1	1	1	1	1	1	0	0	0
-45°	2	1	1	1	1	1	1	1	0	0	0
-46.25°	2	1	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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: P220390 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-F-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)