

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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29420)
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-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

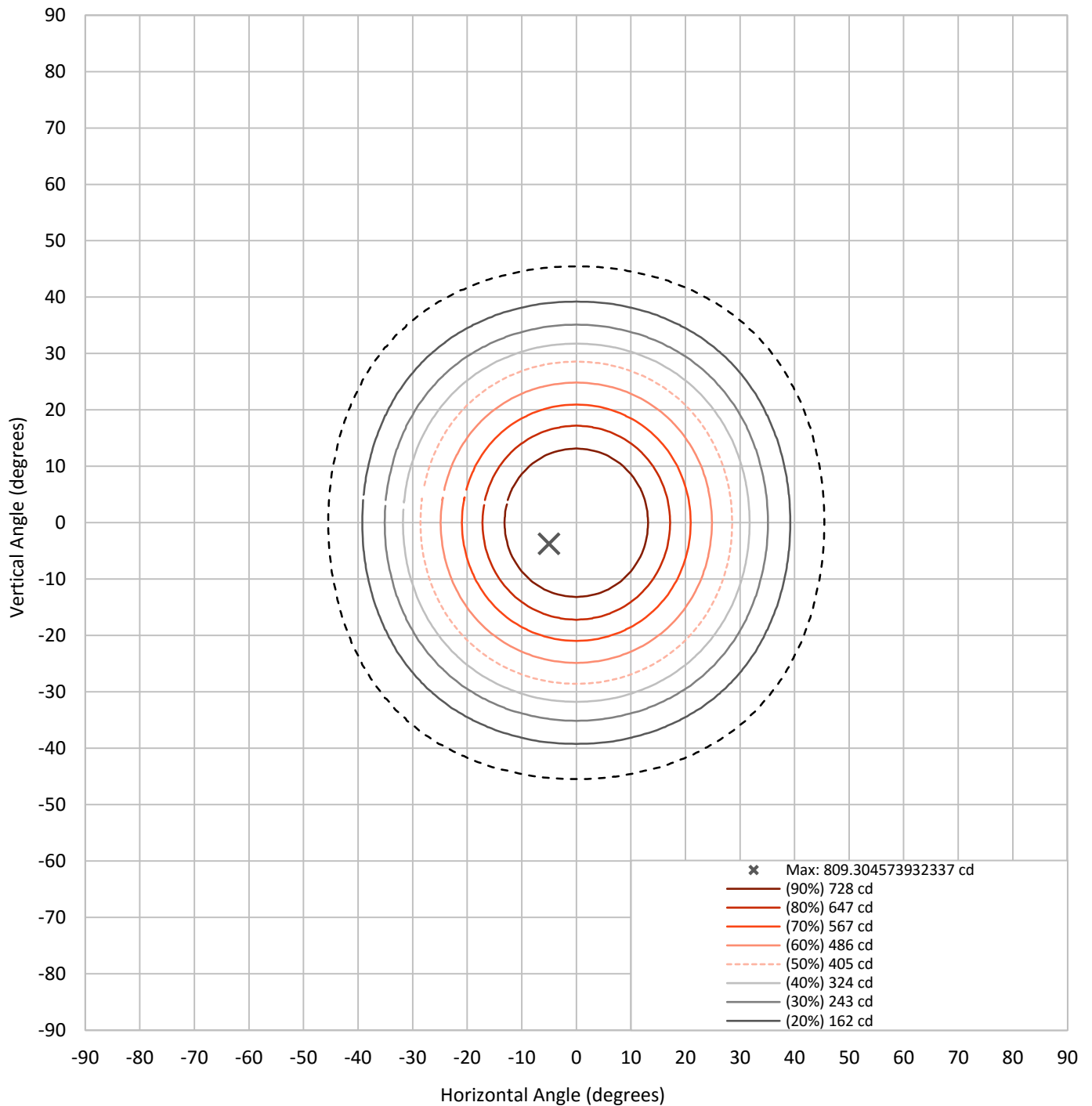
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	745.5 lumens	Max Intensity:	809.3 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.7°H x 56.4°V	Field Angle (10%):	90.5°H x 90.3°V
Beam Lumens:	458.3 lumens	Field Lumens:	687.4 lumens
Beam Efficiency:	61.5%	Field Efficiency:	92.2%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





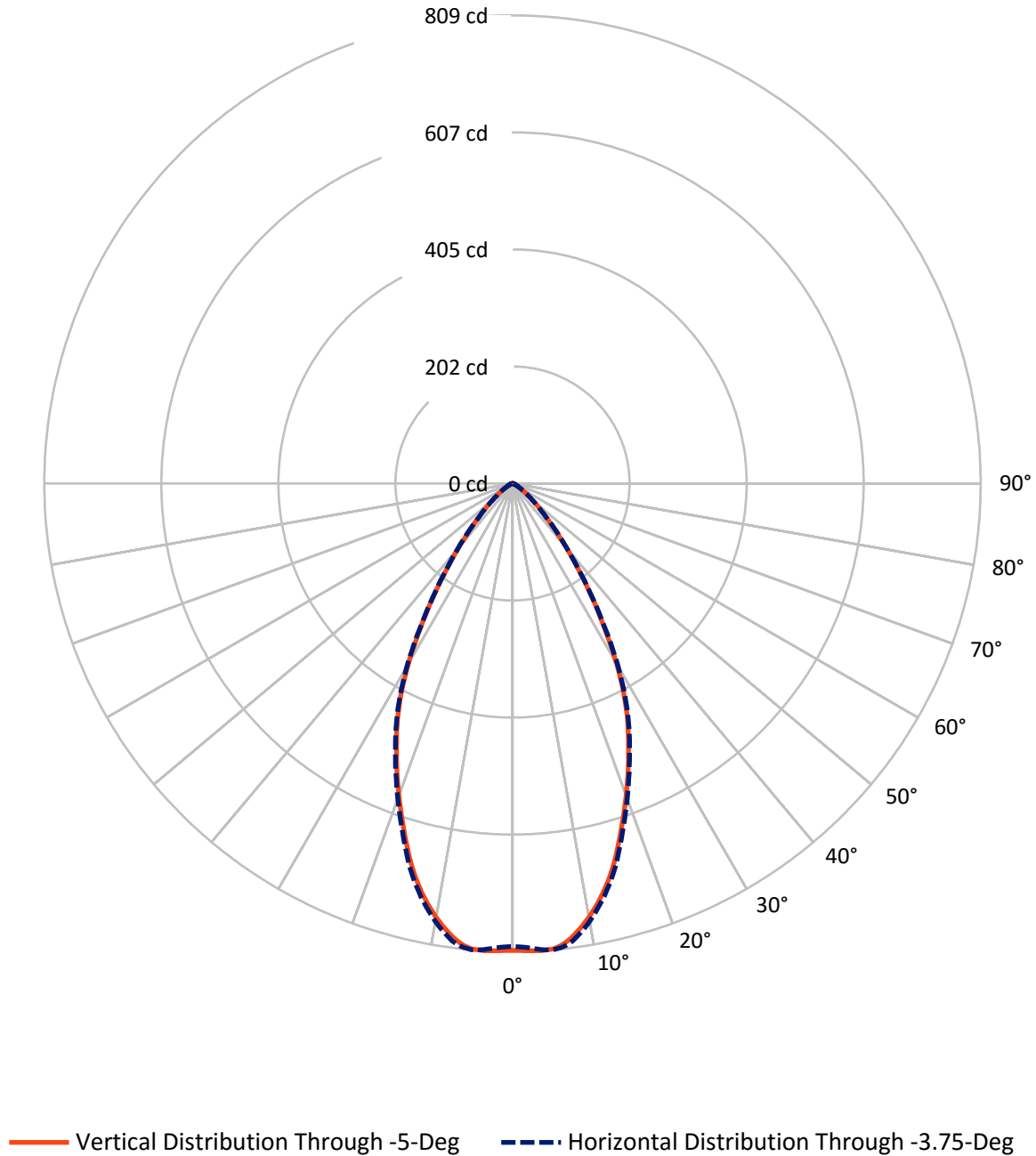
REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-WT-L1-UNV

Lumen Table

90																			
80	0.0	0.0		0.1	0.2		0.2		0.2		0.1	0.0		0.0					
70																			
60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0				
50		0.0	0.1	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.1		0.0			
40	0.0	0.0	0.1	0.3	0.7	1.3	2.1	2.6	2.6	2.1	1.3	0.7	0.3	0.1	0.0	0.0			
30		0.1	0.2	0.6	1.6	3.4	5.7	7.3	7.3	5.7	3.4	1.6	0.6	0.2	0.1				
20	0.0	0.1	0.3	1.0	3.1	7.0	11.5	14.2	14.2	11.5	7.0	3.1	1.0	0.3	0.1	0.0			
10		0.1	0.4	1.5	4.8	10.8	16.5	20.3	20.3	16.5	10.8	4.8	1.5	0.4	0.1				
0	0.0	0.1	0.5	1.9	6.1	12.9	19.7	23.9	23.9	19.7	12.9	6.1	1.9	0.5	0.1	0.0			
-10		0.1	0.5	1.9	6.1	12.9	19.7	23.9	23.9	19.7	12.9	6.1	1.9	0.5	0.1				
-20	0.0	0.1	0.4	1.5	4.8	10.8	16.5	20.3	20.3	16.5	10.8	4.8	1.5	0.4	0.1	0.0			
-30		0.1	0.3	1.0	3.1	7.0	11.5	14.2	14.2	11.5	7.0	3.1	1.0	0.3	0.1				
-40	0.0	0.1	0.2	0.6	1.6	3.4	5.7	7.3	7.3	5.7	3.4	1.6	0.6	0.2	0.1	0.0			
-50		0.0	0.1	0.3	0.7	1.3	2.1	2.6	2.6	2.1	1.3	0.7	0.3	0.1	0.0				
-60	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.1	0.0	0.0			
-70		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0				
-80																			
-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

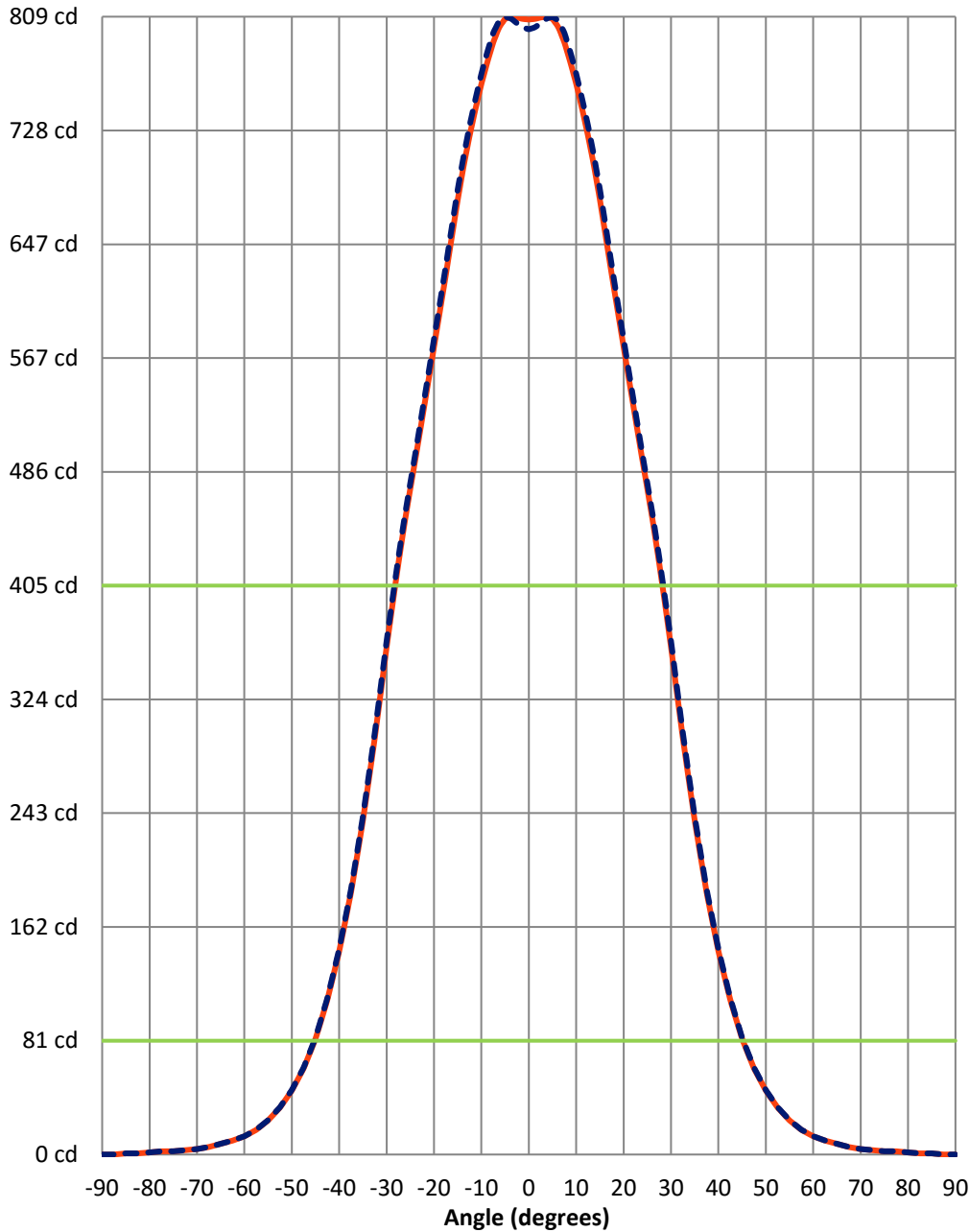
REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 56.7°
 V Angle: 56.4°
 Lumens: 458.3
 Efficiency: 61.5%

Field:
 H Angle: 90.5°
 V Angle: 90.3°
 Lumens: 687.4
 Efficiency: 92.2%

Spill:
 Lumens: 58.1
 Efficiency: 7.8%

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



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4
41.25°	2	2	2	2	2	2	3	3	3	3	4
40°	2	2	2	2	2	2	3	3	3	4	4
38.75°	2	2	2	2	2	2	3	3	3	4	4
37.5°	2	2	2	2	2	3	3	3	3	4	4
36.25°	2	2	2	2	2	3	3	3	4	4	4
35°	2	2	2	2	2	3	3	3	4	4	5



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	4	5
32.5°	2	2	2	2	3	3	3	4	4	4	5
31.25°	2	2	2	2	3	3	3	4	4	5	5
30°	2	2	2	2	3	3	3	4	4	5	5
28.75°	2	2	2	2	3	3	3	4	4	5	6
27.5°	2	2	2	2	3	3	4	4	4	5	6
26.25°	2	2	2	3	3	3	4	4	5	5	6
25°	2	2	2	3	3	3	4	4	5	5	6
23.75°	2	2	2	3	3	3	4	4	5	6	7
22.5°	2	2	2	3	3	3	4	4	5	6	7
21.25°	2	2	2	3	3	3	4	4	5	6	7
20°	2	2	2	3	3	3	4	5	5	6	7
18.75°	2	2	2	3	3	4	4	5	5	6	7
17.5°	2	2	2	3	3	4	4	5	5	7	8
16.25°	2	2	2	3	3	4	4	5	6	7	8
15°	2	2	3	3	3	4	4	5	6	7	8
13.75°	2	2	3	3	3	4	4	5	6	7	8
12.5°	2	2	3	3	3	4	4	5	6	7	8
11.25°	2	2	3	3	3	4	4	5	6	7	8
10°	2	2	3	3	3	4	4	5	6	7	8
8.75°	2	2	3	3	3	4	4	5	6	7	9
7.5°	2	2	3	3	3	4	5	5	6	7	9
6.25°	2	2	3	3	3	4	5	5	6	8	9
5°	2	2	3	3	3	4	5	5	6	8	9
3.75°	2	2	3	3	3	4	5	5	7	8	9
2.5°	2	2	3	3	3	4	5	5	7	8	9
1.25°	2	2	3	3	3	4	5	5	7	8	9
0°	2	2	3	3	4	4	5	5	7	8	9
-1.25°	2	2	3	3	3	4	5	5	7	8	9
-2.5°	2	2	3	3	3	4	5	5	7	8	9
-3.75°	2	2	3	3	3	4	5	5	7	8	9
-5°	2	2	3	3	3	4	5	5	6	8	9
-6.25°	2	2	3	3	3	4	5	5	6	8	9
-7.5°	2	2	3	3	3	4	5	5	6	7	9
-8.75°	2	2	3	3	3	4	4	5	6	7	9
-10°	2	2	3	3	3	4	4	5	6	7	8
-11.25°	2	2	3	3	3	4	4	5	6	7	8
-12.5°	2	2	3	3	3	4	4	5	6	7	8
-13.75°	2	2	3	3	3	4	4	5	6	7	8
-15°	2	2	3	3	3	4	4	5	6	7	8
-16.25°	2	2	2	3	3	4	4	5	6	7	8
-17.5°	2	2	2	3	3	4	4	5	5	7	8
-18.75°	2	2	2	3	3	4	4	5	5	6	7
-20°	2	2	2	3	3	3	4	5	5	6	7
-21.25°	2	2	2	3	3	3	4	4	5	6	7



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	4	5	6	7
-23.75°	2	2	2	3	3	3	4	4	5	6	7
-25°	2	2	2	3	3	3	4	4	5	5	6
-26.25°	2	2	2	3	3	3	4	4	5	5	6
-27.5°	2	2	2	2	3	3	4	4	4	5	6
-28.75°	2	2	2	2	3	3	3	4	4	5	6
-30°	2	2	2	2	3	3	3	4	4	5	5
-31.25°	2	2	2	2	3	3	3	4	4	5	5
-32.5°	2	2	2	2	3	3	3	4	4	4	5
-33.75°	2	2	2	2	2	3	3	3	4	4	5
-35°	2	2	2	2	2	3	3	3	4	4	5
-36.25°	2	2	2	2	2	3	3	3	4	4	4
-37.5°	2	2	2	2	2	3	3	3	3	4	4
-38.75°	2	2	2	2	2	2	3	3	3	4	4
-40°	2	2	2	2	2	2	3	3	3	4	4
-41.25°	2	2	2	2	2	2	3	3	3	3	4
-42.5°	2	2	2	2	2	2	2	3	3	3	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	4
57.5°	2	2	2	3	3	3	3	3	4	4	4
56.25°	2	2	3	3	3	3	3	4	4	4	4
55°	2	3	3	3	3	3	4	4	4	5	5
53.75°	3	3	3	3	3	4	4	4	5	5	5
52.5°	3	3	3	3	4	4	4	5	5	5	6
51.25°	3	3	3	4	4	4	5	5	5	6	7
50°	3	3	3	4	4	4	5	5	6	7	7
48.75°	3	3	4	4	4	5	5	6	6	7	8
47.5°	3	4	4	4	5	5	6	6	7	8	8
46.25°	3	4	4	5	5	5	6	7	8	8	9
45°	4	4	4	5	5	6	7	7	8	9	10
43.75°	4	4	5	5	6	6	7	8	9	9	10
42.5°	4	4	5	5	6	7	8	8	9	10	11
41.25°	4	5	5	6	7	7	8	9	10	11	12
40°	4	5	5	6	7	8	9	9	10	11	12
38.75°	5	5	6	7	7	8	9	10	11	12	13
37.5°	5	5	6	7	8	9	10	11	12	13	14
36.25°	5	6	7	7	8	9	10	11	12	14	15
35°	5	6	7	8	9	10	11	12	13	15	16



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	5	6	7	8	9	10	11	12	14	16	17
32.5°	6	7	8	9	9	11	12	13	15	17	19
31.25°	6	7	8	9	10	11	12	14	16	18	20
30°	6	7	8	9	10	12	13	15	17	19	21
28.75°	7	8	9	10	11	12	13	15	17	20	23
27.5°	7	8	9	10	11	13	14	16	18	21	24
26.25°	7	8	9	10	12	13	15	17	19	22	25
25°	7	8	9	11	12	14	16	18	21	23	27
23.75°	8	9	10	11	12	14	16	19	22	25	29
22.5°	8	9	10	11	13	15	17	19	23	26	30
21.25°	8	9	10	12	13	15	17	20	24	27	31
20°	8	9	11	12	14	16	18	21	24	29	33
18.75°	9	10	11	12	14	16	19	22	25	30	34
17.5°	9	10	11	13	15	17	20	23	27	31	36
16.25°	9	10	11	13	15	17	20	24	28	32	37
15°	9	10	12	13	15	18	21	24	28	33	38
13.75°	9	10	12	14	16	18	22	25	29	34	40
12.5°	9	11	12	14	16	19	22	26	30	35	41
11.25°	9	11	12	14	16	19	23	26	31	36	42
10°	10	11	12	14	17	20	23	27	32	37	43
8.75°	10	11	13	15	17	20	23	28	32	38	44
7.5°	10	11	13	15	17	20	24	28	33	38	44
6.25°	10	11	13	15	17	21	24	28	33	39	45
5°	10	11	13	15	18	21	24	29	33	39	45
3.75°	10	11	13	15	18	21	24	29	34	40	46
2.5°	10	12	13	15	18	21	25	29	34	40	46
1.25°	10	12	13	15	18	21	25	29	34	40	46
0°	10	12	13	15	18	21	25	29	34	40	46
-1.25°	10	12	13	15	18	21	25	29	34	40	46
-2.5°	10	12	13	15	18	21	25	29	34	40	46
-3.75°	10	11	13	15	18	21	24	29	33	39	45
-5°	10	11	13	15	18	21	24	29	33	39	45
-6.25°	10	11	13	15	17	21	24	28	33	39	45
-7.5°	10	11	13	15	17	20	24	28	33	38	44
-8.75°	10	11	13	15	17	20	23	28	32	38	44
-10°	10	11	12	14	17	20	23	27	32	37	43
-11.25°	9	11	12	14	16	19	23	26	31	36	42
-12.5°	9	11	12	14	16	19	22	26	30	35	41
-13.75°	9	10	12	14	16	18	22	25	29	34	40
-15°	9	10	12	13	15	18	21	24	28	33	38
-16.25°	9	10	11	13	15	17	20	24	28	32	37
-17.5°	9	10	11	13	15	17	20	23	27	31	36
-18.75°	9	10	11	12	14	16	19	22	25	30	34
-20°	8	9	11	12	14	16	18	21	24	29	33
-21.25°	8	9	10	12	13	15	17	20	24	27	31



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	8	9	10	11	13	15	17	19	23	26	30
-23.75°	8	9	10	11	12	14	16	19	22	25	29
-25°	7	8	9	11	12	14	16	18	21	23	27
-26.25°	7	8	9	10	12	13	15	17	19	22	25
-27.5°	7	8	9	10	11	13	14	16	18	21	24
-28.75°	7	8	9	10	11	12	13	15	17	20	23
-30°	6	7	8	9	10	12	13	15	17	19	21
-31.25°	6	7	8	9	10	11	12	14	16	18	20
-32.5°	6	7	8	9	9	11	12	13	15	17	19
-33.75°	5	6	7	8	9	10	11	12	14	16	17
-35°	5	6	7	8	9	10	11	12	13	15	16
-36.25°	5	6	7	7	8	9	10	11	12	14	15
-37.5°	5	5	6	7	8	9	10	11	12	13	14
-38.75°	5	5	6	7	7	8	9	10	11	12	13
-40°	4	5	5	6	7	8	9	9	10	11	12
-41.25°	4	5	5	6	7	7	8	9	10	11	12
-42.5°	4	4	5	5	6	7	8	8	9	10	11
-43.75°	4	4	5	5	6	6	7	8	9	9	10
-45°	4	4	4	5	5	6	7	7	8	9	10
-46.25°	3	4	4	5	5	5	6	7	8	8	9
-47.5°	3	4	4	4	5	5	6	6	7	8	8
-48.75°	3	3	4	4	4	5	5	6	6	7	8
-50°	3	3	3	4	4	4	5	5	6	7	7
-51.25°	3	3	3	4	4	4	5	5	5	6	7
-52.5°	3	3	3	3	4	4	4	5	5	5	6
-53.75°	3	3	3	3	3	4	4	4	5	5	5
-55°	2	3	3	3	3	3	4	4	4	5	5
-56.25°	2	2	3	3	3	3	3	4	4	4	4
-57.5°	2	2	2	3	3	3	3	3	4	4	4
-58.75°	2	2	2	2	3	3	3	3	3	4	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4
65°	3	3	3	3	3	3	3	4	4	4	4
63.75°	3	3	3	3	3	4	4	4	4	4	4
62.5°	3	3	3	4	4	4	4	4	5	5	5
61.25°	3	4	4	4	4	4	5	5	5	5	6
60°	4	4	4	4	5	5	5	5	6	6	7
58.75°	4	4	5	5	5	5	6	6	7	7	7
57.5°	4	5	5	5	6	6	7	7	7	8	8
56.25°	5	5	5	6	6	7	7	8	8	9	9
55°	5	6	6	7	7	8	8	9	9	10	10
53.75°	6	6	7	7	8	8	9	9	10	11	11
52.5°	6	7	8	8	9	9	10	10	11	12	12
51.25°	7	8	8	9	9	10	11	11	12	13	14
50°	8	8	9	10	10	11	12	12	13	14	15
48.75°	8	9	10	10	11	12	13	14	15	16	17
47.5°	9	10	10	11	12	13	14	15	16	18	19
46.25°	10	10	11	12	13	14	16	17	18	20	22
45°	10	11	12	13	14	16	17	19	20	22	24
43.75°	11	12	13	14	16	17	19	21	23	25	27
42.5°	12	13	14	16	17	19	21	23	25	28	30
41.25°	13	14	16	17	19	21	23	25	28	31	33
40°	14	15	17	19	21	23	25	28	31	34	37
38.75°	15	16	18	20	23	25	28	31	34	38	41
37.5°	16	18	20	22	25	28	31	34	38	41	45
36.25°	17	19	22	24	27	30	33	37	41	45	50
35°	18	21	23	26	29	33	37	41	45	50	55



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	20	22	25	28	32	36	40	44	49	55	60
32.5°	21	24	27	31	34	39	43	48	54	59	66
31.25°	23	26	29	33	37	42	46	52	58	64	72
30°	24	28	31	35	40	45	50	57	63	70	78
28.75°	26	30	33	38	43	48	54	61	68	76	84
27.5°	28	31	36	41	46	52	58	65	74	82	92
26.25°	29	33	38	43	49	55	62	70	79	88	99
25°	31	35	40	46	52	59	67	75	84	95	107
23.75°	33	37	43	49	55	62	71	80	90	102	114
22.5°	34	40	45	52	58	66	76	85	97	109	122
21.25°	36	42	47	54	61	70	80	91	103	115	130
20°	38	43	50	57	65	74	84	96	109	123	138
18.75°	40	45	52	60	68	78	89	101	114	130	145
17.5°	41	47	55	62	72	81	93	106	121	136	153
16.25°	43	49	57	65	75	85	98	111	127	143	161
15°	44	51	59	68	78	89	102	116	132	149	168
13.75°	46	53	61	70	80	93	106	121	138	155	175
12.5°	47	55	62	73	83	96	110	126	142	162	182
11.25°	48	56	64	75	85	99	113	130	147	167	188
10°	50	57	66	77	88	102	117	134	151	172	193
8.75°	51	59	68	78	91	105	120	137	156	177	199
7.5°	52	60	69	80	93	107	123	140	159	181	204
6.25°	53	61	71	81	94	109	125	143	163	184	208
5°	53	61	72	82	96	110	127	145	165	187	212
3.75°	54	62	72	83	97	111	129	146	167	189	214
2.5°	54	62	73	84	98	112	130	147	169	190	216
1.25°	54	63	73	84	98	113	130	148	170	191	217
0°	55	63	73	84	99	113	131	148	170	192	218
-1.25°	54	63	73	84	98	113	130	148	170	191	217
-2.5°	54	62	73	84	98	112	130	147	169	190	216
-3.75°	54	62	72	83	97	111	129	146	167	189	214
-5°	53	61	72	82	96	110	127	145	165	187	212
-6.25°	53	61	71	81	94	109	125	143	163	184	208
-7.5°	52	60	69	80	93	107	123	140	159	181	204
-8.75°	51	59	68	78	91	105	120	137	156	177	199
-10°	50	57	66	77	88	102	117	134	151	172	193
-11.25°	48	56	64	75	85	99	113	130	147	167	188
-12.5°	47	55	62	73	83	96	110	126	142	162	182
-13.75°	46	53	61	70	80	93	106	121	138	155	175
-15°	44	51	59	68	78	89	102	116	132	149	168
-16.25°	43	49	57	65	75	85	98	111	127	143	161
-17.5°	41	47	55	62	72	81	93	106	121	136	153
-18.75°	40	45	52	60	68	78	89	101	114	130	145
-20°	38	43	50	57	65	74	84	96	109	123	138
-21.25°	36	42	47	54	61	70	80	91	103	115	130



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	34	40	45	52	58	66	76	85	97	109	122
-23.75°	33	37	43	49	55	62	71	80	90	102	114
-25°	31	35	40	46	52	59	67	75	84	95	107
-26.25°	29	33	38	43	49	55	62	70	79	88	99
-27.5°	28	31	36	41	46	52	58	65	74	82	92
-28.75°	26	30	33	38	43	48	54	61	68	76	84
-30°	24	28	31	35	40	45	50	57	63	70	78
-31.25°	23	26	29	33	37	42	46	52	58	64	72
-32.5°	21	24	27	31	34	39	43	48	54	59	66
-33.75°	20	22	25	28	32	36	40	44	49	55	60
-35°	18	21	23	26	29	33	37	41	45	50	55
-36.25°	17	19	22	24	27	30	33	37	41	45	50
-37.5°	16	18	20	22	25	28	31	34	38	41	45
-38.75°	15	16	18	20	23	25	28	31	34	38	41
-40°	14	15	17	19	21	23	25	28	31	34	37
-41.25°	13	14	16	17	19	21	23	25	28	31	33
-42.5°	12	13	14	16	17	19	21	23	25	28	30
-43.75°	11	12	13	14	16	17	19	21	23	25	27
-45°	10	11	12	13	14	16	17	19	20	22	24
-46.25°	10	10	11	12	13	14	16	17	18	20	22
-47.5°	9	10	10	11	12	13	14	15	16	18	19
-48.75°	8	9	10	10	11	12	13	14	15	16	17
-50°	8	8	9	10	10	11	12	12	13	14	15
-51.25°	7	8	8	9	9	10	11	11	12	13	14
-52.5°	6	7	8	8	9	9	10	10	11	12	12
-53.75°	6	6	7	7	8	8	9	9	10	11	11
-55°	5	6	6	7	7	8	8	9	9	10	10
-56.25°	5	5	5	6	6	7	7	8	8	9	9
-57.5°	4	5	5	5	6	6	7	7	7	8	8
-58.75°	4	4	5	5	5	5	6	6	7	7	7
-60°	4	4	4	4	5	5	5	5	6	6	7
-61.25°	3	4	4	4	4	4	5	5	5	5	6
-62.5°	3	3	3	4	4	4	4	4	5	5	5
-63.75°	3	3	3	3	3	4	4	4	4	4	4
-65°	3	3	3	3	3	3	3	4	4	4	4
-66.25°	2	3	3	3	3	3	3	3	3	3	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	4	4	4	4
67.5°	3	3	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	5	5	5	5
65°	4	4	4	5	5	5	5	5	6	6	6
63.75°	5	5	5	5	5	6	6	6	6	7	7
62.5°	5	5	6	6	6	7	7	7	7	8	8
61.25°	6	6	7	7	7	8	8	8	8	9	9
60°	7	7	8	8	8	9	9	9	9	10	10
58.75°	8	8	9	9	9	10	10	10	11	11	11
57.5°	9	9	9	10	10	11	11	12	12	12	13
56.25°	10	10	11	11	12	12	13	13	14	14	15
55°	11	11	12	12	13	13	14	15	16	16	17
53.75°	12	12	13	14	15	15	16	17	18	19	19
52.5°	13	14	15	16	17	17	18	19	21	22	23
51.25°	15	16	17	18	19	20	21	22	23	25	26
50°	16	17	19	20	21	23	24	25	27	29	30
48.75°	18	20	21	23	24	26	28	29	31	33	34
47.5°	21	22	24	26	28	30	31	33	35	37	40
46.25°	23	25	27	29	31	33	36	38	40	43	45
45°	26	28	31	33	35	38	41	43	46	49	52
43.75°	29	32	34	37	40	43	46	49	52	55	58
42.5°	33	36	39	42	45	48	52	55	59	62	66
41.25°	37	40	43	46	50	54	58	62	67	71	76
40°	41	44	48	52	57	61	65	70	75	80	85
38.75°	45	49	54	58	63	68	74	79	84	90	97
37.5°	50	55	59	64	70	76	82	88	95	102	109
36.25°	55	60	66	72	78	84	92	99	107	114	122
35°	60	66	73	79	86	95	103	110	119	128	137



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	66	73	80	88	96	105	113	123	133	142	152
32.5°	73	80	88	97	106	115	126	136	146	157	169
31.25°	79	88	97	107	117	128	139	149	162	174	186
30°	86	96	106	117	128	140	152	165	178	191	205
28.75°	95	105	115	128	140	152	166	180	194	210	225
27.5°	103	113	126	139	152	166	181	196	213	229	245
26.25°	110	123	136	149	165	180	196	214	231	248	267
25°	119	133	146	162	178	194	213	231	250	269	289
23.75°	128	142	157	174	191	210	229	248	269	290	311
22.5°	137	152	169	186	205	225	245	267	289	311	334
21.25°	145	162	180	198	219	240	262	285	308	332	356
20°	154	172	190	212	233	255	279	303	328	353	377
18.75°	163	182	202	224	246	271	296	321	347	373	395
17.5°	172	191	214	236	261	286	312	339	366	390	413
16.25°	180	201	224	248	274	300	328	356	382	407	430
15°	188	211	235	260	287	314	343	372	397	422	446
13.75°	196	220	244	272	299	328	357	385	411	436	459
12.5°	204	229	254	282	310	341	371	398	424	449	471
11.25°	212	236	264	292	322	352	382	409	436	460	482
10°	218	243	272	301	332	363	392	420	446	470	493
8.75°	224	250	280	309	341	372	401	429	455	478	502
7.5°	230	257	286	316	349	380	408	437	462	486	510
6.25°	234	262	292	323	355	386	415	443	468	493	517
5°	238	266	296	328	361	391	421	448	474	498	523
3.75°	240	270	300	332	365	395	425	452	478	502	528
2.5°	242	272	302	335	368	398	428	455	481	506	532
1.25°	244	274	304	337	370	400	430	457	482	507	534
0°	244	274	304	338	371	401	430	458	483	508	534
-1.25°	244	274	304	337	370	400	430	457	482	507	534
-2.5°	242	272	302	335	368	398	428	455	481	506	532
-3.75°	240	270	300	332	365	395	425	452	478	502	528
-5°	238	266	296	328	361	391	421	448	474	498	523
-6.25°	234	262	292	323	355	386	415	443	468	493	517
-7.5°	230	257	286	316	349	380	408	437	462	486	510
-8.75°	224	250	280	309	341	372	401	429	455	478	502
-10°	218	243	272	301	332	363	392	420	446	470	493
-11.25°	212	236	264	292	322	352	382	409	436	460	482
-12.5°	204	229	254	282	310	341	371	398	424	449	471
-13.75°	196	220	244	272	299	328	357	385	411	436	459
-15°	188	211	235	260	287	314	343	372	397	422	446
-16.25°	180	201	224	248	274	300	328	356	382	407	430
-17.5°	172	191	214	236	261	286	312	339	366	390	413
-18.75°	163	182	202	224	246	271	296	321	347	373	395
-20°	154	172	190	212	233	255	279	303	328	353	377
-21.25°	145	162	180	198	219	240	262	285	308	332	356



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	137	152	169	186	205	225	245	267	289	311	334
-23.75°	128	142	157	174	191	210	229	248	269	290	311
-25°	119	133	146	162	178	194	213	231	250	269	289
-26.25°	110	123	136	149	165	180	196	214	231	248	267
-27.5°	103	113	126	139	152	166	181	196	213	229	245
-28.75°	95	105	115	128	140	152	166	180	194	210	225
-30°	86	96	106	117	128	140	152	165	178	191	205
-31.25°	79	88	97	107	117	128	139	149	162	174	186
-32.5°	73	80	88	97	106	115	126	136	146	157	169
-33.75°	66	73	80	88	96	105	113	123	133	142	152
-35°	60	66	73	79	86	95	103	110	119	128	137
-36.25°	55	60	66	72	78	84	92	99	107	114	122
-37.5°	50	55	59	64	70	76	82	88	95	102	109
-38.75°	45	49	54	58	63	68	74	79	84	90	97
-40°	41	44	48	52	57	61	65	70	75	80	85
-41.25°	37	40	43	46	50	54	58	62	67	71	76
-42.5°	33	36	39	42	45	48	52	55	59	62	66
-43.75°	29	32	34	37	40	43	46	49	52	55	58
-45°	26	28	31	33	35	38	41	43	46	49	52
-46.25°	23	25	27	29	31	33	36	38	40	43	45
-47.5°	21	22	24	26	28	30	31	33	35	37	40
-48.75°	18	20	21	23	24	26	28	29	31	33	34
-50°	16	17	19	20	21	23	24	25	27	29	30
-51.25°	15	16	17	18	19	20	21	22	23	25	26
-52.5°	13	14	15	16	17	17	18	19	21	22	23
-53.75°	12	12	13	14	15	15	16	17	18	19	19
-55°	11	11	12	12	13	13	14	15	16	16	17
-56.25°	10	10	11	11	12	12	13	13	14	14	15
-57.5°	9	9	9	10	10	11	11	12	12	12	13
-58.75°	8	8	9	9	9	10	10	10	11	11	11
-60°	7	7	8	8	8	9	9	9	9	10	10
-61.25°	6	6	7	7	7	8	8	8	8	9	9
-62.5°	5	5	6	6	6	7	7	7	7	8	8
-63.75°	5	5	5	5	5	6	6	6	6	7	7
-65°	4	4	4	5	5	5	5	5	5	6	6
-66.25°	4	4	4	4	4	4	4	5	5	5	5
-67.5°	3	3	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	4	4	4	4	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	5	5	5	5	5	5	5	5	5	5
66.25°	5	5	5	5	6	6	6	6	6	6	6
65°	6	6	6	7	7	7	7	7	7	7	7
63.75°	7	7	7	8	8	8	8	8	8	8	9
62.5°	8	8	9	9	9	9	9	9	9	10	10
61.25°	9	9	10	10	10	10	10	11	11	11	11
60°	10	11	11	11	11	12	12	12	12	12	13
58.75°	12	12	12	13	13	13	14	14	14	14	15
57.5°	13	14	14	15	15	15	16	16	16	17	17
56.25°	15	16	16	17	17	18	18	19	19	20	20
55°	17	18	19	20	20	21	22	22	23	23	23
53.75°	20	21	22	23	24	24	25	26	26	27	28
52.5°	24	24	25	27	28	28	29	30	31	32	32
51.25°	27	29	30	31	32	33	34	35	36	37	38
50°	31	33	34	36	37	38	40	41	42	43	44
48.75°	36	38	40	41	43	44	46	47	48	50	51
47.5°	42	43	45	47	49	51	53	55	56	57	59
46.25°	47	50	52	55	57	59	61	62	64	66	68
45°	54	57	60	62	65	68	70	73	75	77	78
43.75°	61	65	68	72	75	78	80	83	85	88	91
42.5°	70	74	78	81	85	89	93	96	99	102	105
41.25°	80	84	89	93	98	102	106	110	113	117	120
40°	91	96	101	106	111	116	121	126	130	134	137
38.75°	103	109	114	121	127	132	138	142	147	151	156
37.5°	115	123	130	136	143	149	155	162	167	172	177
36.25°	130	138	145	153	161	168	175	182	188	193	199
35°	145	154	163	172	180	188	196	204	212	218	224



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	162	172	182	191	201	211	220	229	236	243	250
32.5°	180	190	202	214	224	235	244	254	264	272	280
31.25°	198	212	224	236	248	260	272	282	292	301	309
30°	219	233	246	261	274	287	299	310	322	332	341
28.75°	240	255	271	286	300	314	328	341	352	363	372
27.5°	262	279	296	312	328	343	357	371	382	392	401
26.25°	285	303	321	339	356	372	385	398	409	420	429
25°	308	328	347	366	382	397	411	424	436	446	455
23.75°	332	353	373	390	407	422	436	449	460	470	478
22.5°	356	377	395	413	430	446	459	471	482	493	502
21.25°	378	398	418	436	452	467	480	493	505	516	526
20°	398	419	438	456	472	487	501	514	527	539	550
18.75°	418	438	457	474	491	506	522	536	550	562	574
17.5°	436	456	474	492	509	526	542	557	572	586	598
16.25°	452	472	491	509	527	545	562	579	594	608	621
15°	467	487	506	526	545	564	582	599	615	630	645
13.75°	480	501	522	542	562	582	601	619	636	653	669
12.5°	493	514	536	557	579	599	619	638	658	675	691
11.25°	505	527	550	572	594	615	636	658	678	696	711
10°	516	539	562	586	608	630	653	675	696	713	728
8.75°	526	550	574	598	621	645	669	691	711	728	743
7.5°	535	559	584	608	633	658	683	704	724	741	756
6.25°	542	567	593	618	644	670	694	715	735	752	768
5°	549	574	600	626	653	679	703	724	744	761	777
3.75°	554	580	606	632	660	686	710	732	751	769	784
2.5°	557	584	610	637	665	692	715	737	756	774	790
1.25°	560	586	613	640	668	695	718	740	759	777	793
0°	560	587	613	641	669	696	719	741	760	778	794
-1.25°	560	586	613	640	668	695	718	740	759	777	793
-2.5°	557	584	610	637	665	692	715	737	756	774	790
-3.75°	554	580	606	632	660	686	710	732	751	769	784
-5°	549	574	600	626	653	679	703	724	744	761	777
-6.25°	542	567	593	618	644	670	694	715	735	752	768
-7.5°	535	559	584	608	633	658	683	704	724	741	756
-8.75°	526	550	574	598	621	645	669	691	711	728	743
-10°	516	539	562	586	608	630	653	675	696	713	728
-11.25°	505	527	550	572	594	615	636	658	678	696	711
-12.5°	493	514	536	557	579	599	619	638	658	675	691
-13.75°	480	501	522	542	562	582	601	619	636	653	669
-15°	467	487	506	526	545	564	582	599	615	630	645
-16.25°	452	472	491	509	527	545	562	579	594	608	621
-17.5°	436	456	474	492	509	526	542	557	572	586	598
-18.75°	418	438	457	474	491	506	522	536	550	562	574
-20°	398	419	438	456	472	487	501	514	527	539	550
-21.25°	378	398	418	436	452	467	480	493	505	516	526



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	356	377	395	413	430	446	459	471	482	493	502
-23.75°	332	353	373	390	407	422	436	449	460	470	478
-25°	308	328	347	366	382	397	411	424	436	446	455
-26.25°	285	303	321	339	356	372	385	398	409	420	429
-27.5°	262	279	296	312	328	343	357	371	382	392	401
-28.75°	240	255	271	286	300	314	328	341	352	363	372
-30°	219	233	246	261	274	287	299	310	322	332	341
-31.25°	198	212	224	236	248	260	272	282	292	301	309
-32.5°	180	190	202	214	224	235	244	254	264	272	280
-33.75°	162	172	182	191	201	211	220	229	236	243	250
-35°	145	154	163	172	180	188	196	204	212	218	224
-36.25°	130	138	145	153	161	168	175	182	188	193	199
-37.5°	115	123	130	136	143	149	155	162	167	172	177
-38.75°	103	109	114	121	127	132	138	142	147	151	156
-40°	91	96	101	106	111	116	121	126	130	134	137
-41.25°	80	84	89	93	98	102	106	110	113	117	120
-42.5°	70	74	78	81	85	89	93	96	99	102	105
-43.75°	61	65	68	72	75	78	80	83	85	88	91
-45°	54	57	60	62	65	68	70	73	75	77	78
-46.25°	47	50	52	55	57	59	61	62	64	66	68
-47.5°	42	43	45	47	49	51	53	55	56	57	59
-48.75°	36	38	40	41	43	44	46	47	48	50	51
-50°	31	33	34	36	37	38	40	41	42	43	44
-51.25°	27	29	30	31	32	33	34	35	36	37	38
-52.5°	24	24	25	27	28	28	29	30	31	32	32
-53.75°	20	21	22	23	24	24	25	26	26	27	28
-55°	17	18	19	20	20	21	22	22	23	23	23
-56.25°	15	16	16	17	17	18	18	19	19	20	20
-57.5°	13	14	14	15	15	15	16	16	16	17	17
-58.75°	12	12	12	13	13	13	14	14	14	14	15
-60°	10	11	11	11	11	12	12	12	12	12	13
-61.25°	9	9	10	10	10	10	10	11	11	11	11
-62.5°	8	8	9	9	9	9	9	9	9	10	10
-63.75°	7	7	7	8	8	8	8	8	8	8	9
-65°	6	6	6	7	7	7	7	7	7	7	7
-66.25°	5	5	5	5	6	6	6	6	6	6	6
-67.5°	4	5	5	5	5	5	5	5	5	5	5
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	3	3	4	4	4	4	4	4	4	4	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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	4	3	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	5	5	5
67.5°	5	5	5	5	5	5	5	5	5	5	5
66.25°	6	6	6	7	7	7	7	7	7	7	6
65°	7	8	8	8	8	8	8	8	8	8	8
63.75°	9	9	9	9	9	9	9	9	9	9	9
62.5°	10	10	10	10	10	10	10	10	10	10	10
61.25°	11	11	11	11	12	12	12	12	12	11	11
60°	13	13	13	13	13	13	13	13	13	13	13
58.75°	15	15	15	15	15	15	15	15	15	15	15
57.5°	17	17	18	18	18	18	18	18	18	18	18
56.25°	20	21	21	21	21	21	21	21	21	21	21
55°	24	24	24	24	25	25	25	25	25	24	24
53.75°	28	28	29	29	29	29	29	29	29	29	29
52.5°	33	33	33	34	34	34	34	34	34	34	33
51.25°	38	39	39	40	40	40	40	40	40	40	39
50°	44	45	45	46	46	46	46	46	46	46	45
48.75°	52	53	53	54	54	54	55	54	54	54	53
47.5°	60	61	61	62	62	63	63	63	62	62	61
46.25°	69	71	72	72	73	73	73	73	73	72	72
45°	80	81	82	83	84	84	84	84	84	83	82
43.75°	93	94	96	97	98	98	99	98	98	97	96
42.5°	107	109	110	111	112	113	113	113	112	111	110
41.25°	123	125	127	129	130	130	131	130	130	129	127
40°	140	143	145	146	147	148	148	148	147	146	145
38.75°	159	163	165	167	169	170	170	170	169	167	165
37.5°	181	184	187	189	190	191	192	191	190	189	187
36.25°	204	208	212	214	216	217	218	217	216	214	212
35°	230	234	238	240	242	244	244	244	242	240	238



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	257	262	266	270	272	274	274	274	272	270	266
32.5°	286	292	296	300	302	304	304	304	302	300	296
31.25°	316	323	328	332	335	337	338	337	335	332	328
30°	349	355	361	365	368	370	371	370	368	365	361
28.75°	380	386	391	395	398	400	401	400	398	395	391
27.5°	408	415	421	425	428	430	430	430	428	425	421
26.25°	437	443	448	452	455	457	458	457	455	452	448
25°	462	468	474	478	481	482	483	482	481	478	474
23.75°	486	493	498	502	506	507	508	507	506	502	498
22.5°	510	517	523	528	532	534	534	534	532	528	523
21.25°	535	542	549	554	557	560	560	560	557	554	549
20°	559	567	574	580	584	586	587	586	584	580	574
18.75°	584	593	600	606	610	613	613	613	610	606	600
17.5°	608	618	626	632	637	640	641	640	637	632	626
16.25°	633	644	653	660	665	668	669	668	665	660	653
15°	658	670	679	686	692	695	696	695	692	686	679
13.75°	683	694	703	710	715	718	719	718	715	710	703
12.5°	704	715	724	732	737	740	741	740	737	732	724
11.25°	724	735	744	751	756	759	760	759	756	751	744
10°	741	752	761	769	774	777	778	777	774	769	761
8.75°	756	768	777	784	790	793	794	793	790	784	777
7.5°	770	781	791	798	802	804	805	804	802	798	791
6.25°	781	793	802	806	809	809	809	809	809	806	802
5°	791	802	808	809	809	808	807	808	809	809	808
3.75°	798	806	809	808	805	802	800	802	805	808	809
2.5°	802	809	809	805	799	795	793	795	799	805	809
1.25°	804	809	808	802	795	790	790	790	795	802	808
0°	805	809	807	800	793	790	793	790	793	800	807
-1.25°	804	809	808	802	795	790	790	790	795	802	808
-2.5°	802	809	809	805	799	795	793	795	799	805	809
-3.75°	798	806	809	808	805	802	800	802	805	808	809
-5°	791	802	808	809	809	808	807	808	809	809	808
-6.25°	781	793	802	806	809	809	809	809	809	806	802
-7.5°	770	781	791	798	802	804	805	804	802	798	791
-8.75°	756	768	777	784	790	793	794	793	790	784	777
-10°	741	752	761	769	774	777	778	777	774	769	761
-11.25°	724	735	744	751	756	759	760	759	756	751	744
-12.5°	704	715	724	732	737	740	741	740	737	732	724
-13.75°	683	694	703	710	715	718	719	718	715	710	703
-15°	658	670	679	686	692	695	696	695	692	686	679
-16.25°	633	644	653	660	665	668	669	668	665	660	653
-17.5°	608	618	626	632	637	640	641	640	637	632	626
-18.75°	584	593	600	606	610	613	613	613	610	606	600
-20°	559	567	574	580	584	586	587	586	584	580	574
-21.25°	535	542	549	554	557	560	560	560	557	554	549



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	510	517	523	528	532	534	534	534	532	528	523
-23.75°	486	493	498	502	506	507	508	507	506	502	498
-25°	462	468	474	478	481	482	483	482	481	478	474
-26.25°	437	443	448	452	455	457	458	457	455	452	448
-27.5°	408	415	421	425	428	430	430	430	428	425	421
-28.75°	380	386	391	395	398	400	401	400	398	395	391
-30°	349	355	361	365	368	370	371	370	368	365	361
-31.25°	316	323	328	332	335	337	338	337	335	332	328
-32.5°	286	292	296	300	302	304	304	304	302	300	296
-33.75°	257	262	266	270	272	274	274	274	272	270	266
-35°	230	234	238	240	242	244	244	244	242	240	238
-36.25°	204	208	212	214	216	217	218	217	216	214	212
-37.5°	181	184	187	189	190	191	192	191	190	189	187
-38.75°	159	163	165	167	169	170	170	170	169	167	165
-40°	140	143	145	146	147	148	148	148	147	146	145
-41.25°	123	125	127	129	130	130	131	130	130	129	127
-42.5°	107	109	110	111	112	113	113	113	112	111	110
-43.75°	93	94	96	97	98	98	99	98	98	97	96
-45°	80	81	82	83	84	84	84	84	84	83	82
-46.25°	69	71	72	72	73	73	73	73	73	72	72
-47.5°	60	61	61	62	62	63	63	63	62	62	61
-48.75°	52	53	53	54	54	54	55	54	54	54	53
-50°	44	45	45	46	46	46	46	46	46	46	45
-51.25°	38	39	39	40	40	40	40	40	40	40	39
-52.5°	33	33	33	34	34	34	34	34	34	34	33
-53.75°	28	28	29	29	29	29	29	29	29	29	29
-55°	24	24	24	24	25	25	25	25	25	24	24
-56.25°	20	21	21	21	21	21	21	21	21	21	21
-57.5°	17	17	18	18	18	18	18	18	18	18	18
-58.75°	15	15	15	15	15	15	15	15	15	15	15
-60°	13	13	13	13	13	13	13	13	13	13	13
-61.25°	11	11	11	11	12	12	12	12	12	11	11
-62.5°	10	10	10	10	10	10	10	10	10	10	10
-63.75°	9	9	9	9	9	9	9	9	9	9	9
-65°	7	8	8	8	8	8	8	8	8	8	8
-66.25°	6	6	6	7	7	7	7	7	7	7	6
-67.5°	5	5	5	5	5	5	5	5	5	5	5
-68.75°	5	5	5	5	5	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	4	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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	4	4	4	4	4	4	4	4	4
67.5°	5	5	5	5	5	5	5	5	5	5	5
66.25°	6	6	6	6	6	6	6	6	6	5	5
65°	8	7	7	7	7	7	7	7	7	7	6
63.75°	9	9	9	8	8	8	8	8	8	8	7
62.5°	10	10	10	10	9	9	9	9	9	9	9
61.25°	11	11	11	11	11	11	10	10	10	10	10
60°	13	13	13	12	12	12	12	12	11	11	11
58.75°	15	15	15	14	14	14	14	13	13	13	12
57.5°	17	17	17	17	16	16	16	15	15	15	14
56.25°	21	20	20	20	19	19	18	18	17	17	16
55°	24	24	23	23	23	22	22	21	20	20	19
53.75°	28	28	28	27	26	26	25	24	24	23	22
52.5°	33	33	32	32	31	30	29	28	28	27	25
51.25°	39	38	38	37	36	35	34	33	32	31	30
50°	45	44	44	43	42	41	40	38	37	36	34
48.75°	53	52	51	50	48	47	46	44	43	41	40
47.5°	61	60	59	57	56	55	53	51	49	47	45
46.25°	71	69	68	66	64	62	61	59	57	55	52
45°	81	80	78	77	75	73	70	68	65	62	60
43.75°	94	93	91	88	85	83	80	78	75	72	68
42.5°	109	107	105	102	99	96	93	89	85	81	78
41.25°	125	123	120	117	113	110	106	102	98	93	89
40°	143	140	137	134	130	126	121	116	111	106	101
38.75°	163	159	156	151	147	142	138	132	127	121	114
37.5°	184	181	177	172	167	162	155	149	143	136	130
36.25°	208	204	199	193	188	182	175	168	161	153	145
35°	234	230	224	218	212	204	196	188	180	172	163



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	262	257	250	243	236	229	220	211	201	191	182
32.5°	292	286	280	272	264	254	244	235	224	214	202
31.25°	323	316	309	301	292	282	272	260	248	236	224
30°	355	349	341	332	322	310	299	287	274	261	246
28.75°	386	380	372	363	352	341	328	314	300	286	271
27.5°	415	408	401	392	382	371	357	343	328	312	296
26.25°	443	437	429	420	409	398	385	372	356	339	321
25°	468	462	455	446	436	424	411	397	382	366	347
23.75°	493	486	478	470	460	449	436	422	407	390	373
22.5°	517	510	502	493	482	471	459	446	430	413	395
21.25°	542	535	526	516	505	493	480	467	452	436	418
20°	567	559	550	539	527	514	501	487	472	456	438
18.75°	593	584	574	562	550	536	522	506	491	474	457
17.5°	618	608	598	586	572	557	542	526	509	492	474
16.25°	644	633	621	608	594	579	562	545	527	509	491
15°	670	658	645	630	615	599	582	564	545	526	506
13.75°	694	683	669	653	636	619	601	582	562	542	522
12.5°	715	704	691	675	658	638	619	599	579	557	536
11.25°	735	724	711	696	678	658	636	615	594	572	550
10°	752	741	728	713	696	675	653	630	608	586	562
8.75°	768	756	743	728	711	691	669	645	621	598	574
7.5°	781	770	756	741	724	704	683	658	633	608	584
6.25°	793	781	768	752	735	715	694	670	644	618	593
5°	802	791	777	761	744	724	703	679	653	626	600
3.75°	806	798	784	769	751	732	710	686	660	632	606
2.5°	809	802	790	774	756	737	715	692	665	637	610
1.25°	809	804	793	777	759	740	718	695	668	640	613
0°	809	805	794	778	760	741	719	696	669	641	613
-1.25°	809	804	793	777	759	740	718	695	668	640	613
-2.5°	809	802	790	774	756	737	715	692	665	637	610
-3.75°	806	798	784	769	751	732	710	686	660	632	606
-5°	802	791	777	761	744	724	703	679	653	626	600
-6.25°	793	781	768	752	735	715	694	670	644	618	593
-7.5°	781	770	756	741	724	704	683	658	633	608	584
-8.75°	768	756	743	728	711	691	669	645	621	598	574
-10°	752	741	728	713	696	675	653	630	608	586	562
-11.25°	735	724	711	696	678	658	636	615	594	572	550
-12.5°	715	704	691	675	658	638	619	599	579	557	536
-13.75°	694	683	669	653	636	619	601	582	562	542	522
-15°	670	658	645	630	615	599	582	564	545	526	506
-16.25°	644	633	621	608	594	579	562	545	527	509	491
-17.5°	618	608	598	586	572	557	542	526	509	492	474
-18.75°	593	584	574	562	550	536	522	506	491	474	457
-20°	567	559	550	539	527	514	501	487	472	456	438
-21.25°	542	535	526	516	505	493	480	467	452	436	418



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	517	510	502	493	482	471	459	446	430	413	395
-23.75°	493	486	478	470	460	449	436	422	407	390	373
-25°	468	462	455	446	436	424	411	397	382	366	347
-26.25°	443	437	429	420	409	398	385	372	356	339	321
-27.5°	415	408	401	392	382	371	357	343	328	312	296
-28.75°	386	380	372	363	352	341	328	314	300	286	271
-30°	355	349	341	332	322	310	299	287	274	261	246
-31.25°	323	316	309	301	292	282	272	260	248	236	224
-32.5°	292	286	280	272	264	254	244	235	224	214	202
-33.75°	262	257	250	243	236	229	220	211	201	191	182
-35°	234	230	224	218	212	204	196	188	180	172	163
-36.25°	208	204	199	193	188	182	175	168	161	153	145
-37.5°	184	181	177	172	167	162	155	149	143	136	130
-38.75°	163	159	156	151	147	142	138	132	127	121	114
-40°	143	140	137	134	130	126	121	116	111	106	101
-41.25°	125	123	120	117	113	110	106	102	98	93	89
-42.5°	109	107	105	102	99	96	93	89	85	81	78
-43.75°	94	93	91	88	85	83	80	78	75	72	68
-45°	81	80	78	77	75	73	70	68	65	62	60
-46.25°	71	69	68	66	64	62	61	59	57	55	52
-47.5°	61	60	59	57	56	55	53	51	49	47	45
-48.75°	53	52	51	50	48	47	46	44	43	41	40
-50°	45	44	44	43	42	41	40	38	37	36	34
-51.25°	39	38	38	37	36	35	34	33	32	31	30
-52.5°	33	33	32	32	31	30	29	28	28	27	25
-53.75°	28	28	28	27	26	26	25	24	24	23	22
-55°	24	24	23	23	23	22	22	21	20	20	19
-56.25°	21	20	20	20	19	19	18	18	17	17	16
-57.5°	17	17	17	17	16	16	16	15	15	15	14
-58.75°	15	15	15	14	14	14	14	13	13	13	12
-60°	13	13	13	12	12	12	12	12	11	11	11
-61.25°	11	11	11	11	11	11	10	10	10	10	10
-62.5°	10	10	10	10	9	9	9	9	9	9	9
-63.75°	9	9	9	8	8	8	8	8	8	8	7
-65°	8	7	7	7	7	7	7	7	7	7	6
-66.25°	6	6	6	6	6	6	6	6	6	5	5
-67.5°	5	5	5	5	5	5	5	5	5	5	5
-68.75°	5	5	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	4	4	4	4	4	4	4	3	3	3	3
67.5°	5	4	4	4	4	4	4	4	4	4	4
66.25°	5	5	5	5	5	5	4	4	4	4	4
65°	6	6	6	6	5	5	5	5	5	5	4
63.75°	7	7	7	7	6	6	6	6	5	5	5
62.5°	8	8	8	8	7	7	7	7	6	6	6
61.25°	9	9	9	9	8	8	8	8	7	7	7
60°	11	10	10	10	9	9	9	9	8	8	8
58.75°	12	12	11	11	11	10	10	10	9	9	9
57.5°	14	13	13	12	12	12	11	11	10	10	9
56.25°	16	15	15	14	14	13	13	12	12	11	11
55°	18	17	17	16	16	15	14	13	13	12	12
53.75°	21	20	19	19	18	17	16	15	15	14	13
52.5°	24	24	23	22	21	19	18	17	17	16	15
51.25°	29	27	26	25	23	22	21	20	19	18	17
50°	33	31	30	29	27	25	24	23	21	20	19
48.75°	38	36	34	33	31	29	28	26	24	23	21
47.5°	43	42	40	37	35	33	31	30	28	26	24
46.25°	50	47	45	43	40	38	36	33	31	29	27
45°	57	54	52	49	46	43	41	38	35	33	31
43.75°	65	61	58	55	52	49	46	43	40	37	34
42.5°	74	70	66	62	59	55	52	48	45	42	39
41.25°	84	80	76	71	67	62	58	54	50	46	43
40°	96	91	85	80	75	70	65	61	57	52	48
38.75°	109	103	97	90	84	79	74	68	63	58	54
37.5°	123	115	109	102	95	88	82	76	70	64	59
36.25°	138	130	122	114	107	99	92	84	78	72	66
35°	154	145	137	128	119	110	103	95	86	79	73



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	172	162	152	142	133	123	113	105	96	88	80
32.5°	190	180	169	157	146	136	126	115	106	97	88
31.25°	212	198	186	174	162	149	139	128	117	107	97
30°	233	219	205	191	178	165	152	140	128	117	106
28.75°	255	240	225	210	194	180	166	152	140	128	115
27.5°	279	262	245	229	213	196	181	166	152	139	126
26.25°	303	285	267	248	231	214	196	180	165	149	136
25°	328	308	289	269	250	231	213	194	178	162	146
23.75°	353	332	311	290	269	248	229	210	191	174	157
22.5°	377	356	334	311	289	267	245	225	205	186	169
21.25°	398	378	356	332	308	285	262	240	219	198	180
20°	419	398	377	353	328	303	279	255	233	212	190
18.75°	438	418	395	373	347	321	296	271	246	224	202
17.5°	456	436	413	390	366	339	312	286	261	236	214
16.25°	472	452	430	407	382	356	328	300	274	248	224
15°	487	467	446	422	397	372	343	314	287	260	235
13.75°	501	480	459	436	411	385	357	328	299	272	244
12.5°	514	493	471	449	424	398	371	341	310	282	254
11.25°	527	505	482	460	436	409	382	352	322	292	264
10°	539	516	493	470	446	420	392	363	332	301	272
8.75°	550	526	502	478	455	429	401	372	341	309	280
7.5°	559	535	510	486	462	437	408	380	349	316	286
6.25°	567	542	517	493	468	443	415	386	355	323	292
5°	574	549	523	498	474	448	421	391	361	328	296
3.75°	580	554	528	502	478	452	425	395	365	332	300
2.5°	584	557	532	506	481	455	428	398	368	335	302
1.25°	586	560	534	507	482	457	430	400	370	337	304
0°	587	560	534	508	483	458	430	401	371	338	304
-1.25°	586	560	534	507	482	457	430	400	370	337	304
-2.5°	584	557	532	506	481	455	428	398	368	335	302
-3.75°	580	554	528	502	478	452	425	395	365	332	300
-5°	574	549	523	498	474	448	421	391	361	328	296
-6.25°	567	542	517	493	468	443	415	386	355	323	292
-7.5°	559	535	510	486	462	437	408	380	349	316	286
-8.75°	550	526	502	478	455	429	401	372	341	309	280
-10°	539	516	493	470	446	420	392	363	332	301	272
-11.25°	527	505	482	460	436	409	382	352	322	292	264
-12.5°	514	493	471	449	424	398	371	341	310	282	254
-13.75°	501	480	459	436	411	385	357	328	299	272	244
-15°	487	467	446	422	397	372	343	314	287	260	235
-16.25°	472	452	430	407	382	356	328	300	274	248	224
-17.5°	456	436	413	390	366	339	312	286	261	236	214
-18.75°	438	418	395	373	347	321	296	271	246	224	202
-20°	419	398	377	353	328	303	279	255	233	212	190
-21.25°	398	378	356	332	308	285	262	240	219	198	180



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	377	356	334	311	289	267	245	225	205	186	169
-23.75°	353	332	311	290	269	248	229	210	191	174	157
-25°	328	308	289	269	250	231	213	194	178	162	146
-26.25°	303	285	267	248	231	214	196	180	165	149	136
-27.5°	279	262	245	229	213	196	181	166	152	139	126
-28.75°	255	240	225	210	194	180	166	152	140	128	115
-30°	233	219	205	191	178	165	152	140	128	117	106
-31.25°	212	198	186	174	162	149	139	128	117	107	97
-32.5°	190	180	169	157	146	136	126	115	106	97	88
-33.75°	172	162	152	142	133	123	113	105	96	88	80
-35°	154	145	137	128	119	110	103	95	86	79	73
-36.25°	138	130	122	114	107	99	92	84	78	72	66
-37.5°	123	115	109	102	95	88	82	76	70	64	59
-38.75°	109	103	97	90	84	79	74	68	63	58	54
-40°	96	91	85	80	75	70	65	61	57	52	48
-41.25°	84	80	76	71	67	62	58	54	50	46	43
-42.5°	74	70	66	62	59	55	52	48	45	42	39
-43.75°	65	61	58	55	52	49	46	43	40	37	34
-45°	57	54	52	49	46	43	41	38	35	33	31
-46.25°	50	47	45	43	40	38	36	33	31	29	27
-47.5°	43	42	40	37	35	33	31	30	28	26	24
-48.75°	38	36	34	33	31	29	28	26	24	23	21
-50°	33	31	30	29	27	25	24	23	21	20	19
-51.25°	29	27	26	25	23	22	21	20	19	18	17
-52.5°	24	24	23	22	21	19	18	17	17	16	15
-53.75°	21	20	19	19	18	17	16	15	15	14	13
-55°	18	17	17	16	16	15	14	13	13	12	12
-56.25°	16	15	15	14	14	13	13	12	12	11	11
-57.5°	14	13	13	12	12	12	11	11	10	10	9
-58.75°	12	12	11	11	11	10	10	10	9	9	9
-60°	11	10	10	10	9	9	9	9	8	8	8
-61.25°	9	9	9	9	8	8	8	8	7	7	7
-62.5°	8	8	8	8	7	7	7	7	6	6	6
-63.75°	7	7	7	7	6	6	6	6	5	5	5
-65°	6	6	6	6	5	5	5	5	5	5	4
-66.25°	5	5	5	5	5	5	4	4	4	4	4
-67.5°	5	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	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	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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	4	4	4	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	3	3	3	3	3
63.75°	5	5	4	4	4	4	4	4	3	3	3
62.5°	5	5	5	5	5	4	4	4	4	4	3
61.25°	6	6	6	5	5	5	5	4	4	4	4
60°	7	7	7	6	6	5	5	5	5	4	4
58.75°	8	8	7	7	7	6	6	5	5	5	5
57.5°	9	9	8	8	7	7	7	6	6	5	5
56.25°	10	10	9	9	8	8	7	7	6	6	5
55°	11	11	10	10	9	9	8	8	7	7	6
53.75°	12	12	11	11	10	9	9	8	8	7	7
52.5°	14	13	12	12	11	10	10	9	9	8	8
51.25°	16	15	14	13	12	11	11	10	9	9	8
50°	17	16	15	14	13	12	12	11	10	10	9
48.75°	20	18	17	16	15	14	13	12	11	10	10
47.5°	22	21	19	18	16	15	14	13	12	11	10
46.25°	25	23	22	20	18	17	16	14	13	12	11
45°	28	26	24	22	20	19	17	16	14	13	12
43.75°	32	29	27	25	23	21	19	17	16	14	13
42.5°	36	33	30	28	25	23	21	19	17	16	14
41.25°	40	37	33	31	28	25	23	21	19	17	16
40°	44	41	37	34	31	28	25	23	21	19	17
38.75°	49	45	41	38	34	31	28	25	23	20	18
37.5°	55	50	45	41	38	34	31	28	25	22	20
36.25°	60	55	50	45	41	37	33	30	27	24	22
35°	66	60	55	50	45	41	37	33	29	26	23



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	73	66	60	55	49	44	40	36	32	28	25
32.5°	80	73	66	59	54	48	43	39	34	31	27
31.25°	88	79	72	64	58	52	46	42	37	33	29
30°	96	86	78	70	63	57	50	45	40	35	31
28.75°	105	95	84	76	68	61	54	48	43	38	33
27.5°	113	103	92	82	74	65	58	52	46	41	36
26.25°	123	110	99	88	79	70	62	55	49	43	38
25°	133	119	107	95	84	75	67	59	52	46	40
23.75°	142	128	114	102	90	80	71	62	55	49	43
22.5°	152	137	122	109	97	85	76	66	58	52	45
21.25°	162	145	130	115	103	91	80	70	61	54	47
20°	172	154	138	123	109	96	84	74	65	57	50
18.75°	182	163	145	130	114	101	89	78	68	60	52
17.5°	191	172	153	136	121	106	93	81	72	62	55
16.25°	201	180	161	143	127	111	98	85	75	65	57
15°	211	188	168	149	132	116	102	89	78	68	59
13.75°	220	196	175	155	138	121	106	93	80	70	61
12.5°	229	204	182	162	142	126	110	96	83	73	62
11.25°	236	212	188	167	147	130	113	99	85	75	64
10°	243	218	193	172	151	134	117	102	88	77	66
8.75°	250	224	199	177	156	137	120	105	91	78	68
7.5°	257	230	204	181	159	140	123	107	93	80	69
6.25°	262	234	208	184	163	143	125	109	94	81	71
5°	266	238	212	187	165	145	127	110	96	82	72
3.75°	270	240	214	189	167	146	129	111	97	83	72
2.5°	272	242	216	190	169	147	130	112	98	84	73
1.25°	274	244	217	191	170	148	130	113	98	84	73
0°	274	244	218	192	170	148	131	113	99	84	73
-1.25°	274	244	217	191	170	148	130	113	98	84	73
-2.5°	272	242	216	190	169	147	130	112	98	84	73
-3.75°	270	240	214	189	167	146	129	111	97	83	72
-5°	266	238	212	187	165	145	127	110	96	82	72
-6.25°	262	234	208	184	163	143	125	109	94	81	71
-7.5°	257	230	204	181	159	140	123	107	93	80	69
-8.75°	250	224	199	177	156	137	120	105	91	78	68
-10°	243	218	193	172	151	134	117	102	88	77	66
-11.25°	236	212	188	167	147	130	113	99	85	75	64
-12.5°	229	204	182	162	142	126	110	96	83	73	62
-13.75°	220	196	175	155	138	121	106	93	80	70	61
-15°	211	188	168	149	132	116	102	89	78	68	59
-16.25°	201	180	161	143	127	111	98	85	75	65	57
-17.5°	191	172	153	136	121	106	93	81	72	62	55
-18.75°	182	163	145	130	114	101	89	78	68	60	52
-20°	172	154	138	123	109	96	84	74	65	57	50
-21.25°	162	145	130	115	103	91	80	70	61	54	47



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	152	137	122	109	97	85	76	66	58	52	45
-23.75°	142	128	114	102	90	80	71	62	55	49	43
-25°	133	119	107	95	84	75	67	59	52	46	40
-26.25°	123	110	99	88	79	70	62	55	49	43	38
-27.5°	113	103	92	82	74	65	58	52	46	41	36
-28.75°	105	95	84	76	68	61	54	48	43	38	33
-30°	96	86	78	70	63	57	50	45	40	35	31
-31.25°	88	79	72	64	58	52	46	42	37	33	29
-32.5°	80	73	66	59	54	48	43	39	34	31	27
-33.75°	73	66	60	55	49	44	40	36	32	28	25
-35°	66	60	55	50	45	41	37	33	29	26	23
-36.25°	60	55	50	45	41	37	33	30	27	24	22
-37.5°	55	50	45	41	38	34	31	28	25	22	20
-38.75°	49	45	41	38	34	31	28	25	23	20	18
-40°	44	41	37	34	31	28	25	23	21	19	17
-41.25°	40	37	33	31	28	25	23	21	19	17	16
-42.5°	36	33	30	28	25	23	21	19	17	16	14
-43.75°	32	29	27	25	23	21	19	17	16	14	13
-45°	28	26	24	22	20	19	17	16	14	13	12
-46.25°	25	23	22	20	18	17	16	14	13	12	11
-47.5°	22	21	19	18	16	15	14	13	12	11	10
-48.75°	20	18	17	16	15	14	13	12	11	10	10
-50°	17	16	15	14	13	12	12	11	10	10	9
-51.25°	16	15	14	13	12	11	11	10	9	9	8
-52.5°	14	13	12	12	11	10	10	9	9	8	8
-53.75°	12	12	11	11	10	9	9	8	8	7	7
-55°	11	11	10	10	9	9	8	8	7	7	6
-56.25°	10	10	9	9	8	8	7	7	6	6	5
-57.5°	9	9	8	8	7	7	7	6	6	5	5
-58.75°	8	8	7	7	7	6	6	5	5	5	5
-60°	7	7	7	6	6	5	5	5	5	4	4
-61.25°	6	6	6	5	5	5	5	4	4	4	4
-62.5°	5	5	5	5	5	4	4	4	4	4	3
-63.75°	5	5	4	4	4	4	4	4	3	3	3
-65°	4	4	4	4	4	4	3	3	3	3	3
-66.25°	4	4	4	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	4	3	3	3	3	3	3	2	2	2	2
60°	4	4	3	3	3	3	3	3	2	2	2
58.75°	4	4	4	4	3	3	3	3	3	2	2
57.5°	5	4	4	4	4	3	3	3	3	3	2
56.25°	5	5	4	4	4	4	3	3	3	3	3
55°	6	5	5	5	4	4	4	3	3	3	3
53.75°	6	6	5	5	5	4	4	4	3	3	3
52.5°	7	6	6	5	5	5	4	4	4	3	3
51.25°	8	7	7	6	5	5	5	4	4	4	3
50°	8	8	7	7	6	5	5	4	4	4	3
48.75°	9	8	8	7	6	6	5	5	4	4	4
47.5°	10	9	8	8	7	6	6	5	5	4	4
46.25°	10	10	9	8	8	7	6	5	5	5	4
45°	11	10	10	9	8	7	7	6	5	5	4
43.75°	12	11	10	9	9	8	7	6	6	5	5
42.5°	13	12	11	10	9	8	8	7	6	5	5
41.25°	14	13	12	11	10	9	8	7	7	6	5
40°	15	14	12	11	10	9	9	8	7	6	5
38.75°	16	15	13	12	11	10	9	8	7	7	6
37.5°	18	16	14	13	12	11	10	9	8	7	6
36.25°	19	17	15	14	12	11	10	9	8	7	7
35°	21	18	16	15	13	12	11	10	9	8	7



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	22	20	17	16	14	12	11	10	9	8	7
32.5°	24	21	19	17	15	13	12	11	9	9	8
31.25°	26	23	20	18	16	14	12	11	10	9	8
30°	28	24	21	19	17	15	13	12	10	9	8
28.75°	30	26	23	20	17	15	13	12	11	10	9
27.5°	31	28	24	21	18	16	14	13	11	10	9
26.25°	33	29	25	22	19	17	15	13	12	10	9
25°	35	31	27	23	21	18	16	14	12	11	9
23.75°	37	33	29	25	22	19	16	14	12	11	10
22.5°	40	34	30	26	23	19	17	15	13	11	10
21.25°	42	36	31	27	24	20	17	15	13	12	10
20°	43	38	33	29	24	21	18	16	14	12	11
18.75°	45	40	34	30	25	22	19	16	14	12	11
17.5°	47	41	36	31	27	23	20	17	15	13	11
16.25°	49	43	37	32	28	24	20	17	15	13	11
15°	51	44	38	33	28	24	21	18	15	13	12
13.75°	53	46	40	34	29	25	22	18	16	14	12
12.5°	55	47	41	35	30	26	22	19	16	14	12
11.25°	56	48	42	36	31	26	23	19	16	14	12
10°	57	50	43	37	32	27	23	20	17	14	12
8.75°	59	51	44	38	32	28	23	20	17	15	13
7.5°	60	52	44	38	33	28	24	20	17	15	13
6.25°	61	53	45	39	33	28	24	21	17	15	13
5°	61	53	45	39	33	29	24	21	18	15	13
3.75°	62	54	46	40	34	29	24	21	18	15	13
2.5°	62	54	46	40	34	29	25	21	18	15	13
1.25°	63	54	46	40	34	29	25	21	18	15	13
0°	63	55	46	40	34	29	25	21	18	15	13
-1.25°	63	54	46	40	34	29	25	21	18	15	13
-2.5°	62	54	46	40	34	29	25	21	18	15	13
-3.75°	62	54	46	40	34	29	24	21	18	15	13
-5°	61	53	45	39	33	29	24	21	18	15	13
-6.25°	61	53	45	39	33	28	24	21	17	15	13
-7.5°	60	52	44	38	33	28	24	20	17	15	13
-8.75°	59	51	44	38	32	28	23	20	17	15	13
-10°	57	50	43	37	32	27	23	20	17	14	12
-11.25°	56	48	42	36	31	26	23	19	16	14	12
-12.5°	55	47	41	35	30	26	22	19	16	14	12
-13.75°	53	46	40	34	29	25	22	18	16	14	12
-15°	51	44	38	33	28	24	21	18	15	13	12
-16.25°	49	43	37	32	28	24	20	17	15	13	11
-17.5°	47	41	36	31	27	23	20	17	15	13	11
-18.75°	45	40	34	30	25	22	19	16	14	12	11
-20°	43	38	33	29	24	21	18	16	14	12	11
-21.25°	42	36	31	27	24	20	17	15	13	12	10



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	40	34	30	26	23	19	17	15	13	11	10
-23.75°	37	33	29	25	22	19	16	14	12	11	10
-25°	35	31	27	23	21	18	16	14	12	11	9
-26.25°	33	29	25	22	19	17	15	13	12	10	9
-27.5°	31	28	24	21	18	16	14	13	11	10	9
-28.75°	30	26	23	20	17	15	13	12	11	10	9
-30°	28	24	21	19	17	15	13	12	10	9	8
-31.25°	26	23	20	18	16	14	12	11	10	9	8
-32.5°	24	21	19	17	15	13	12	11	9	9	8
-33.75°	22	20	17	16	14	12	11	10	9	8	7
-35°	21	18	16	15	13	12	11	10	9	8	7
-36.25°	19	17	15	14	12	11	10	9	8	7	7
-37.5°	18	16	14	13	12	11	10	9	8	7	6
-38.75°	16	15	13	12	11	10	9	8	7	7	6
-40°	15	14	12	11	10	9	9	8	7	6	5
-41.25°	14	13	12	11	10	9	8	7	7	6	5
-42.5°	13	12	11	10	9	8	8	7	6	5	5
-43.75°	12	11	10	9	9	8	7	6	6	5	5
-45°	11	10	10	9	8	7	7	6	5	5	4
-46.25°	10	10	9	8	8	7	6	5	5	5	4
-47.5°	10	9	8	8	7	6	6	5	5	4	4
-48.75°	9	8	8	7	6	6	5	5	4	4	4
-50°	8	8	7	7	6	5	5	4	4	4	3
-51.25°	8	7	7	6	5	5	5	4	4	4	3
-52.5°	7	6	6	5	5	5	4	4	4	3	3
-53.75°	6	6	5	5	5	4	4	4	3	3	3
-55°	6	5	5	5	4	4	4	3	3	3	3
-56.25°	5	5	4	4	4	4	3	3	3	3	3
-57.5°	5	4	4	4	4	3	3	3	3	3	2
-58.75°	4	4	4	4	3	3	3	3	3	2	2
-60°	4	4	3	3	3	3	3	3	2	2	2
-61.25°	4	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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	4	3	3	3	3	2	2	2	2	2	2
46.25°	4	3	3	3	3	2	2	2	2	2	2
45°	4	4	3	3	3	3	2	2	2	2	2
43.75°	4	4	3	3	3	3	2	2	2	2	2
42.5°	4	4	4	3	3	3	2	2	2	2	2
41.25°	5	4	4	3	3	3	3	2	2	2	2
40°	5	4	4	4	3	3	3	2	2	2	2
38.75°	5	5	4	4	3	3	3	2	2	2	2
37.5°	5	5	4	4	3	3	3	3	2	2	2
36.25°	6	5	4	4	4	3	3	3	2	2	2
35°	6	5	5	4	4	3	3	3	2	2	2



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	6	5	5	4	4	3	3	3	2	2	2
32.5°	7	6	5	4	4	4	3	3	3	2	2
31.25°	7	6	5	5	4	4	3	3	3	2	2
30°	7	6	5	5	4	4	3	3	3	2	2
28.75°	8	7	6	5	4	4	3	3	3	2	2
27.5°	8	7	6	5	4	4	4	3	3	2	2
26.25°	8	7	6	5	5	4	4	3	3	3	2
25°	8	7	6	5	5	4	4	3	3	3	2
23.75°	9	8	7	6	5	4	4	3	3	3	2
22.5°	9	8	7	6	5	4	4	3	3	3	2
21.25°	9	8	7	6	5	4	4	3	3	3	2
20°	9	8	7	6	5	5	4	3	3	3	2
18.75°	10	9	7	6	5	5	4	4	3	3	2
17.5°	10	9	8	7	5	5	4	4	3	3	2
16.25°	10	9	8	7	6	5	4	4	3	3	2
15°	10	9	8	7	6	5	4	4	3	3	3
13.75°	10	9	8	7	6	5	4	4	3	3	3
12.5°	11	9	8	7	6	5	4	4	3	3	3
11.25°	11	9	8	7	6	5	4	4	3	3	3
10°	11	10	8	7	6	5	4	4	3	3	3
8.75°	11	10	9	7	6	5	4	4	3	3	3
7.5°	11	10	9	7	6	5	5	4	3	3	3
6.25°	11	10	9	8	6	5	5	4	3	3	3
5°	11	10	9	8	6	5	5	4	3	3	3
3.75°	11	10	9	8	7	5	5	4	3	3	3
2.5°	12	10	9	8	7	5	5	4	3	3	3
1.25°	12	10	9	8	7	5	5	4	3	3	3
0°	12	10	9	8	7	5	5	4	4	3	3
-1.25°	12	10	9	8	7	5	5	4	3	3	3
-2.5°	12	10	9	8	7	5	5	4	3	3	3
-3.75°	11	10	9	8	7	5	5	4	3	3	3
-5°	11	10	9	8	6	5	5	4	3	3	3
-6.25°	11	10	9	8	6	5	5	4	3	3	3
-7.5°	11	10	9	7	6	5	5	4	3	3	3
-8.75°	11	10	9	7	6	5	4	4	3	3	3
-10°	11	10	8	7	6	5	4	4	3	3	3
-11.25°	11	9	8	7	6	5	4	4	3	3	3
-12.5°	11	9	8	7	6	5	4	4	3	3	3
-13.75°	10	9	8	7	6	5	4	4	3	3	3
-15°	10	9	8	7	6	5	4	4	3	3	3
-16.25°	10	9	8	7	6	5	4	4	3	3	2
-17.5°	10	9	8	7	5	5	4	4	3	3	2
-18.75°	10	9	7	6	5	5	4	4	3	3	2
-20°	9	8	7	6	5	5	4	3	3	3	2
-21.25°	9	8	7	6	5	4	4	3	3	3	2



REPORT NUMBER: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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°	9	8	7	6	5	4	4	3	3	3	2
-23.75°	9	8	7	6	5	4	4	3	3	3	2
-25°	8	7	6	5	5	4	4	3	3	3	2
-26.25°	8	7	6	5	5	4	4	3	3	3	2
-27.5°	8	7	6	5	4	4	4	3	3	2	2
-28.75°	8	7	6	5	4	4	3	3	3	2	2
-30°	7	6	5	5	4	4	3	3	3	2	2
-31.25°	7	6	5	5	4	4	3	3	3	2	2
-32.5°	7	6	5	4	4	4	3	3	3	2	2
-33.75°	6	5	5	4	4	3	3	3	2	2	2
-35°	6	5	5	4	4	3	3	3	2	2	2
-36.25°	6	5	4	4	4	3	3	3	2	2	2
-37.5°	5	5	4	4	3	3	3	3	2	2	2
-38.75°	5	5	4	4	3	3	3	2	2	2	2
-40°	5	4	4	4	3	3	3	2	2	2	2
-41.25°	5	4	4	3	3	3	3	2	2	2	2
-42.5°	4	4	4	3	3	3	2	2	2	2	2
-43.75°	4	4	3	3	3	3	2	2	2	2	2
-45°	4	4	3	3	3	3	2	2	2	2	2
-46.25°	4	3	3	3	3	2	2	2	2	2	2
-47.5°	4	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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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: P220398 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-W-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)