

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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

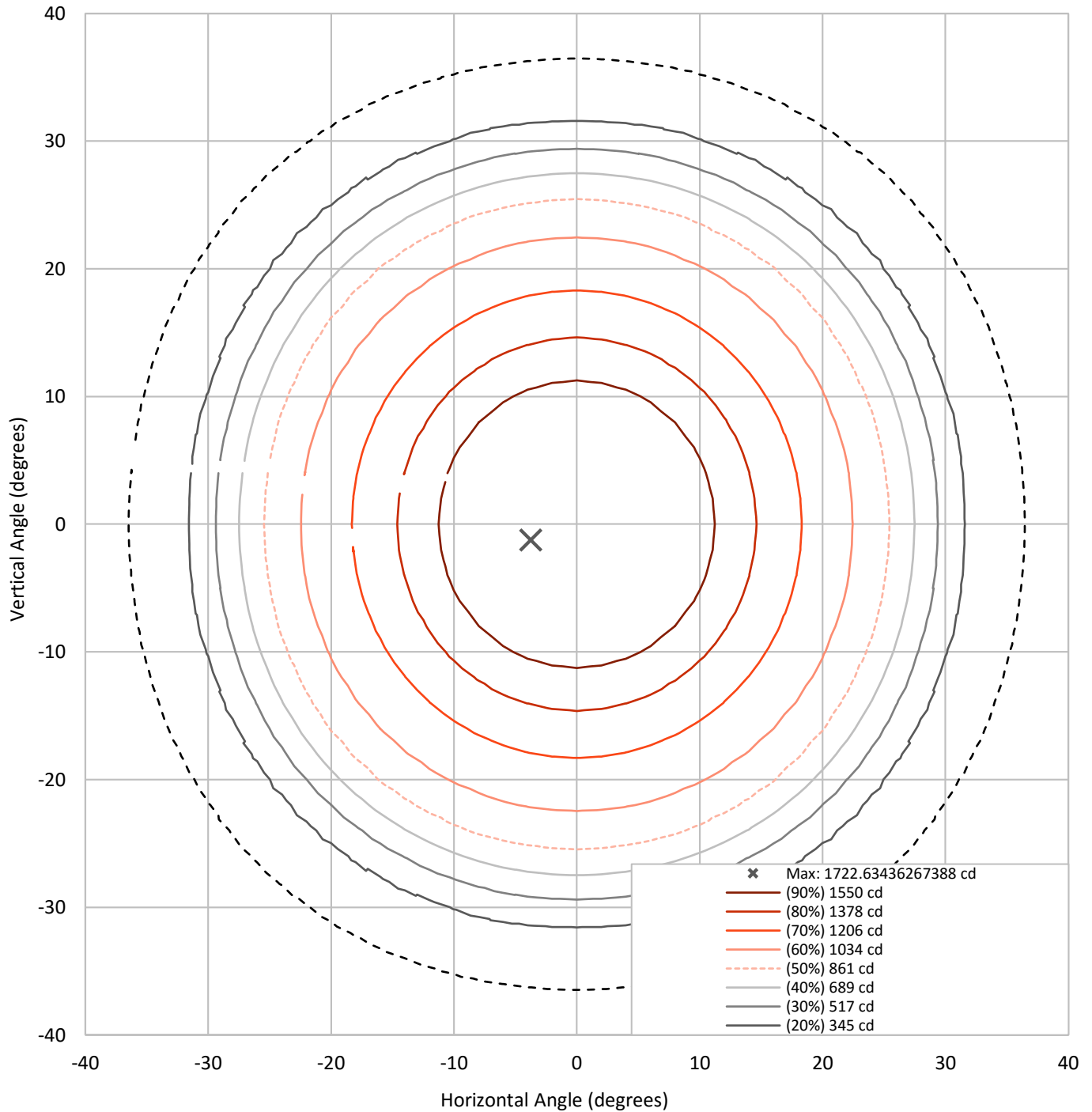
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1149.5 lumens	Max Intensity:	1722.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	57.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.9°H x 72.6°V
Beam Lumens:	774.3 lumens	Field Lumens:	1032.7 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

Iso-Candela Plot





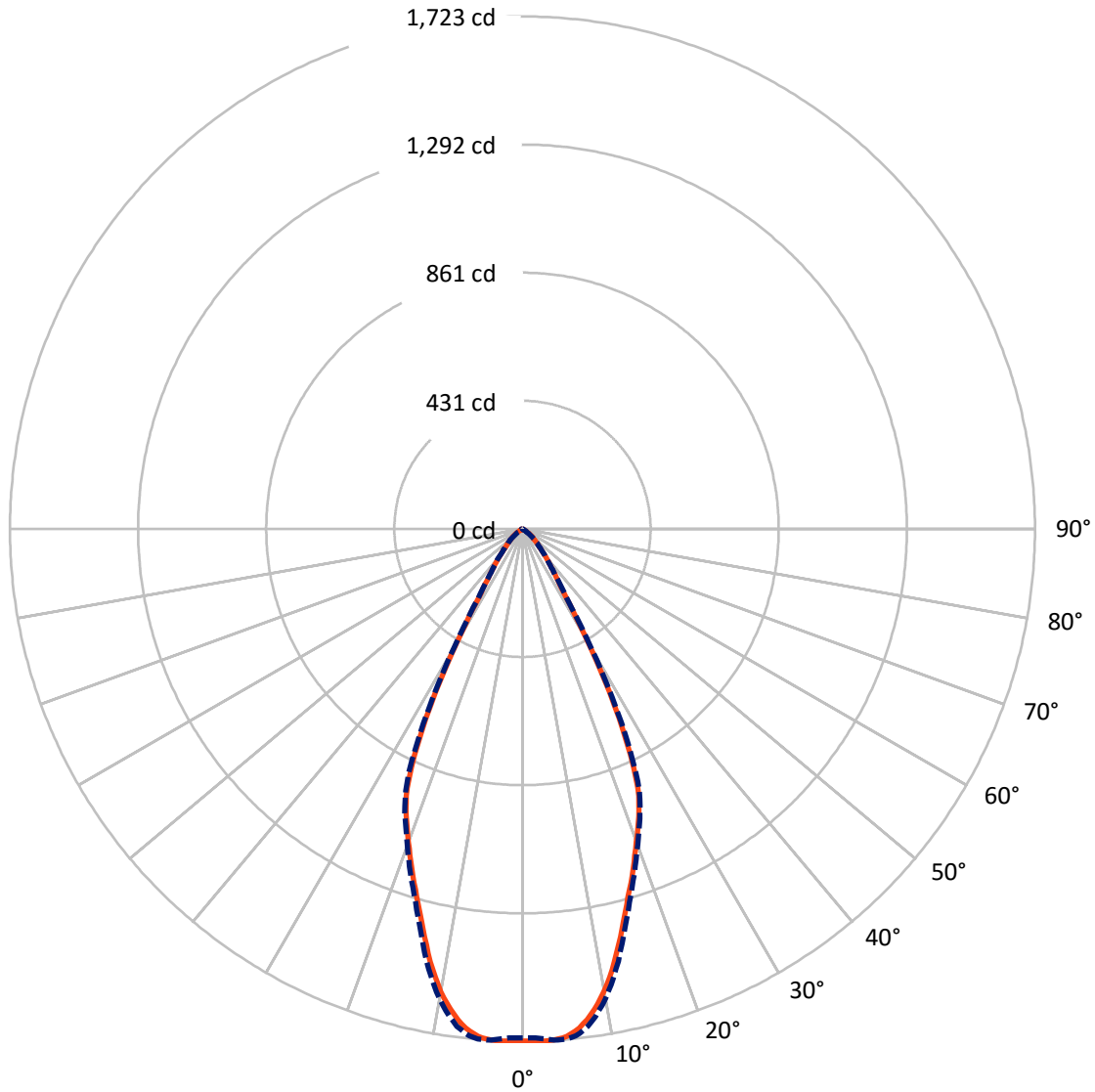
REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	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	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.2	0.5	0.6	0.6	0.5	0.2	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.6	1.2	1.8	2.2	2.2	1.8	1.2	0.6	0.1	0.1	0.0
40		0.0	0.1	0.5	1.4	2.8	4.7	6.5	6.5	4.7	2.8	1.4	0.5	0.1	0.0
30	0.0	0.0	0.2	1.0	2.5	6.4	16.6	24.8	24.8	16.6	6.4	2.5	1.0	0.2	0.0
20		0.0	0.3	1.4	4.0	15.6	31.6	39.8	39.8	31.6	15.6	4.0	1.4	0.3	0.0
10	0.0	0.0	0.4	1.6	5.5	22.6	38.7	50.2	50.2	38.7	22.6	5.5	1.6	0.4	0.0
0		0.0	0.4	1.6	5.5	22.6	38.7	50.2	50.2	38.7	22.6	5.5	1.6	0.4	0.0
-10	0.0	0.0	0.3	1.4	4.0	15.6	31.6	39.8	39.8	31.6	15.6	4.0	1.4	0.3	0.0
-20		0.0	0.2	1.0	2.5	6.4	16.6	24.8	24.8	16.6	6.4	2.5	1.0	0.2	0.0
-30	0.0	0.0	0.1	0.5	1.4	2.8	4.7	6.5	6.5	4.7	2.8	1.4	0.5	0.1	0.0
-40		0.0	0.1	0.1	0.6	1.2	1.8	2.2	2.2	1.8	1.2	0.6	0.1	0.1	0.0
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.6	0.6	0.5	0.2	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-70	0.0	0.0	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

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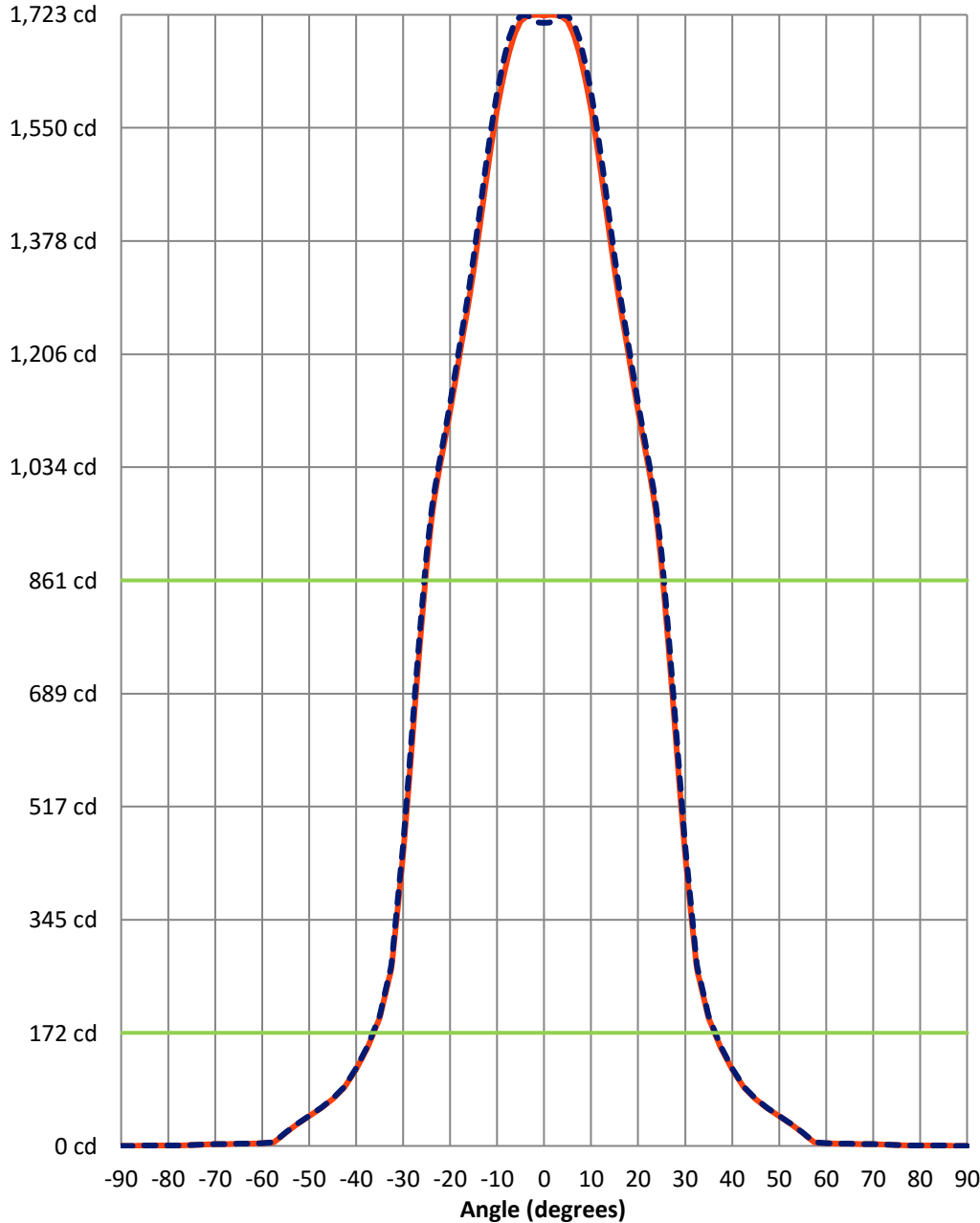
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 774.3
 Efficiency: 67.4%

Field:
 H Angle: 72.9°
 V Angle: 72.6°
 Lumens: 1032.7
 Efficiency: 89.8%

Spill:
 Lumens: 116.8
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	0	1
66.25°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	0	0	0	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	0	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	0	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	0	1	1	1	1	1
47.5°	0	0	0	0	0	0	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	1
35°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-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	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	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	0	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	0	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	0	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	0	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	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	3	3	3	4	4	4	4	4	4	5	5
32.5°	3	3	3	4	4	4	4	4	5	5	8
31.25°	3	3	4	4	4	4	4	4	5	6	11
30°	3	3	4	4	4	4	4	5	5	8	14
28.75°	3	3	4	4	4	4	4	5	5	10	16
27.5°	3	4	4	4	4	4	5	5	7	13	19
26.25°	3	4	4	4	4	4	5	5	9	15	22
25°	3	4	4	4	4	4	5	6	11	18	24
23.75°	4	4	4	4	4	5	5	7	14	20	26
22.5°	4	4	4	4	4	5	5	9	16	22	28
21.25°	4	4	4	4	4	5	5	11	18	24	30
20°	4	4	4	4	4	5	6	13	20	26	32
18.75°	4	4	4	4	5	5	8	15	22	28	34
17.5°	4	4	4	4	5	5	10	16	23	29	35
16.25°	4	4	4	4	5	5	11	18	25	31	37
15°	4	4	4	4	5	6	12	19	26	32	38
13.75°	4	4	4	4	5	7	14	21	27	34	39
12.5°	4	4	4	4	5	8	15	22	28	35	40
11.25°	4	4	4	5	5	9	16	23	29	36	41
10°	4	4	4	5	5	10	17	24	30	37	42
8.75°	4	4	4	5	5	10	18	25	31	37	43
7.5°	4	4	4	5	5	11	18	25	32	38	44
6.25°	4	4	4	5	5	12	19	26	33	39	45
5°	4	4	4	5	6	12	20	26	33	39	45
3.75°	4	4	4	5	6	13	20	27	33	39	45
2.5°	4	4	4	5	6	13	20	27	34	40	46
1.25°	4	4	4	5	6	13	20	27	34	40	46
0°	4	4	4	5	6	13	21	27	34	40	46
-1.25°	4	4	4	5	6	13	21	27	34	40	46
-2.5°	4	4	4	5	6	13	20	27	34	40	46
-3.75°	4	4	4	5	6	13	20	27	33	39	45
-5°	4	4	4	5	6	12	20	26	33	39	45
-6.25°	4	4	4	5	5	12	19	26	33	39	45
-7.5°	4	4	4	5	5	11	18	25	32	38	44
-8.75°	4	4	4	5	5	10	18	25	31	37	43
-10°	4	4	4	5	5	10	17	24	30	37	42
-11.25°	4	4	4	5	5	9	16	23	29	36	41
-12.5°	4	4	4	4	5	8	15	22	28	35	40
-13.75°	4	4	4	4	5	7	14	21	27	34	39
-15°	4	4	4	4	5	6	12	19	26	32	38
-16.25°	4	4	4	4	5	5	11	18	25	31	37
-17.5°	4	4	4	4	5	5	10	16	23	29	35
-18.75°	4	4	4	4	5	5	8	15	22	28	34
-20°	4	4	4	4	4	5	6	13	20	26	32
-21.25°	4	4	4	4	4	5	5	11	18	24	30



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	4	4	4	5	5	9	16	22	28
-23.75°	4	4	4	4	4	5	5	7	14	20	26
-25°	3	4	4	4	4	4	5	6	11	18	24
-26.25°	3	4	4	4	4	4	5	5	9	15	22
-27.5°	3	4	4	4	4	4	5	5	7	13	19
-28.75°	3	3	4	4	4	4	4	5	5	10	16
-30°	3	3	4	4	4	4	4	5	5	8	14
-31.25°	3	3	4	4	4	4	4	4	5	6	11
-32.5°	3	3	3	4	4	4	4	4	5	5	8
-33.75°	3	3	3	4	4	4	4	4	4	5	5
-35°	3	3	3	4	4	4	4	4	4	5	5
-36.25°	3	3	3	3	4	4	4	4	4	4	5
-37.5°	3	3	3	3	4	4	4	4	4	4	5
-38.75°	3	3	3	3	3	4	4	4	4	4	4
-40°	3	3	3	3	3	4	4	4	4	4	4
-41.25°	3	3	3	3	3	3	4	4	4	4	4
-42.5°	3	3	3	3	3	3	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	4	4	4	4
-45°	3	3	3	3	3	3	3	3	4	4	4
-46.25°	2	3	3	3	3	3	3	3	3	4	4
-47.5°	2	3	3	3	3	3	3	3	3	4	4
-48.75°	2	2	3	3	3	3	3	3	3	3	4
-50°	2	2	2	3	3	3	3	3	3	3	3
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	1	2	2	2	2	2	2	3	3	3	3
-57.5°	1	1	2	2	2	2	2	2	3	3	3
-58.75°	1	1	1	2	2	2	2	2	2	3	3
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	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	1	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	0	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	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	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	2	2	2
68.75°	1	1	1	1	1	2	2	2	2	2	2
67.5°	1	1	1	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	3
65°	2	2	2	2	2	2	2	2	3	3	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	2	3	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	4	4
56.25°	3	3	3	3	3	3	3	4	4	4	4
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	3	3	3	4	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	5	5
48.75°	4	4	4	4	4	4	4	4	5	5	5
47.5°	4	4	4	4	4	4	4	5	5	6	9
46.25°	4	4	4	4	4	5	5	5	6	10	14
45°	4	4	4	4	5	5	5	7	11	15	19
43.75°	4	4	4	5	5	5	8	12	16	20	24
42.5°	4	4	5	5	5	8	13	17	21	25	28
41.25°	4	4	5	5	8	13	17	21	25	29	33
40°	4	5	5	7	12	17	21	25	30	34	37
38.75°	5	5	6	11	16	21	25	30	34	37	41
37.5°	5	6	10	15	20	25	29	34	37	41	45
36.25°	5	9	14	19	24	28	33	37	41	45	49
35°	7	12	18	23	27	32	36	40	44	48	52



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	10	16	21	26	31	35	40	44	48	52	56
32.5°	13	19	24	29	34	38	43	47	51	55	60
31.25°	16	22	27	32	37	41	46	50	55	59	64
30°	19	25	30	35	40	44	49	53	58	63	68
28.75°	22	28	33	38	43	47	52	56	61	67	72
27.5°	25	30	36	40	45	50	55	60	65	70	77
26.25°	27	33	38	43	48	53	57	63	69	75	82
25°	30	35	40	45	50	55	60	66	72	79	86
23.75°	32	37	42	47	53	58	63	69	76	83	91
22.5°	34	39	44	50	55	60	66	72	80	88	98
21.25°	36	41	47	52	57	63	69	76	84	92	104
20°	38	43	48	54	59	66	72	80	88	98	110
18.75°	39	45	50	56	62	68	75	83	91	104	116
17.5°	41	46	52	57	64	70	78	86	97	109	122
16.25°	42	48	54	59	66	72	81	89	101	114	129
15°	44	49	55	61	68	75	83	93	106	119	135
13.75°	45	51	56	63	70	77	86	97	110	124	140
12.5°	46	52	58	64	71	80	88	101	114	129	145
11.25°	47	53	59	66	73	82	90	104	117	134	150
10°	48	54	60	67	75	83	93	107	121	138	155
8.75°	49	55	61	68	76	85	96	110	125	141	160
7.5°	50	56	62	69	77	86	98	112	128	144	164
6.25°	50	56	63	70	79	88	100	114	130	147	167
5°	51	57	64	71	79	89	102	116	132	149	170
3.75°	51	57	64	71	80	89	103	117	134	151	173
2.5°	52	58	65	72	81	90	104	118	135	152	174
1.25°	52	58	65	72	81	90	104	118	136	153	175
0°	52	58	65	72	81	90	104	119	136	153	176
-1.25°	52	58	65	72	81	90	104	118	136	153	175
-2.5°	52	58	65	72	81	90	104	118	135	152	174
-3.75°	51	57	64	71	80	89	103	117	134	151	173
-5°	51	57	64	71	79	89	102	116	132	149	170
-6.25°	50	56	63	70	79	88	100	114	130	147	167
-7.5°	50	56	62	69	77	86	98	112	128	144	164
-8.75°	49	55	61	68	76	85	96	110	125	141	160
-10°	48	54	60	67	75	83	93	107	121	138	155
-11.25°	47	53	59	66	73	82	90	104	117	134	150
-12.5°	46	52	58	64	71	80	88	101	114	129	145
-13.75°	45	51	56	63	70	77	86	97	110	124	140
-15°	44	49	55	61	68	75	83	93	106	119	135
-16.25°	42	48	54	59	66	72	81	89	101	114	129
-17.5°	41	46	52	57	64	70	78	86	97	109	122
-18.75°	39	45	50	56	62	68	75	83	91	104	116
-20°	38	43	48	54	59	66	72	80	88	98	110
-21.25°	36	41	47	52	57	63	69	76	84	92	104



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	39	44	50	55	60	66	72	80	88	98
-23.75°	32	37	42	47	53	58	63	69	76	83	91
-25°	30	35	40	45	50	55	60	66	72	79	86
-26.25°	27	33	38	43	48	53	57	63	69	75	82
-27.5°	25	30	36	40	45	50	55	60	65	70	77
-28.75°	22	28	33	38	43	47	52	56	61	67	72
-30°	19	25	30	35	40	44	49	53	58	63	68
-31.25°	16	22	27	32	37	41	46	50	55	59	64
-32.5°	13	19	24	29	34	38	43	47	51	55	60
-33.75°	10	16	21	26	31	35	40	44	48	52	56
-35°	7	12	18	23	27	32	36	40	44	48	52
-36.25°	5	9	14	19	24	28	33	37	41	45	49
-37.5°	5	6	10	15	20	25	29	34	37	41	45
-38.75°	5	5	6	11	16	21	25	30	34	37	41
-40°	4	5	5	7	12	17	21	25	30	34	37
-41.25°	4	4	5	5	8	13	17	21	25	29	33
-42.5°	4	4	5	5	5	8	13	17	21	25	28
-43.75°	4	4	4	5	5	5	8	12	16	20	24
-45°	4	4	4	4	5	5	5	7	11	15	19
-46.25°	4	4	4	4	4	5	5	5	6	10	14
-47.5°	4	4	4	4	4	4	4	5	5	6	9
-48.75°	4	4	4	4	4	4	4	4	5	5	5
-50°	4	4	4	4	4	4	4	4	4	5	5
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	3
-67.5°	1	1	1	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	0	0	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	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	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	2	2	2	2	2
71.25°	1	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	3	3	3	3
67.5°	2	2	2	3	3	3	3	3	3	3	3
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°	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	4	4	4	4	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	5	5
55°	4	4	4	4	4	4	5	5	5	5	5
53.75°	4	4	4	4	5	5	5	5	6	7	9
52.5°	4	4	5	5	5	5	7	9	11	14	16
51.25°	5	5	5	6	8	10	13	15	18	20	22
50°	5	5	8	11	14	16	19	22	24	26	28
48.75°	7	10	13	16	19	22	25	27	30	32	34
47.5°	12	16	19	22	25	28	30	33	35	37	39
46.25°	18	21	24	27	30	33	36	38	40	42	44
45°	23	26	29	32	35	38	40	43	45	47	50
43.75°	27	31	34	37	40	43	45	48	50	53	55
42.5°	32	35	38	41	44	47	50	53	55	58	60
41.25°	36	40	43	46	49	52	55	57	60	63	66
40°	40	44	47	50	53	56	60	63	66	69	72
38.75°	44	48	51	55	58	61	65	69	72	76	80
37.5°	48	52	55	59	63	67	70	75	79	83	88
36.25°	52	56	60	64	68	72	77	82	86	91	98
35°	56	60	65	69	73	79	84	89	95	102	109

REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	60	65	69	74	80	85	91	98	106	114	121
32.5°	65	69	74	80	86	92	101	109	117	126	135
31.25°	69	74	80	86	93	102	111	119	130	139	149
30°	73	80	86	93	103	112	121	132	142	152	165
28.75°	79	85	92	102	112	122	133	144	155	169	182
27.5°	84	91	101	111	121	133	145	157	171	185	199
26.25°	89	98	109	119	132	144	157	172	187	204	228
25°	95	106	117	130	142	155	171	187	205	231	257
23.75°	102	114	126	139	152	169	185	204	231	258	294
22.5°	109	121	135	149	165	182	199	228	257	294	358
21.25°	116	130	144	159	177	195	222	252	287	354	419
20°	123	138	152	170	189	213	244	275	342	411	483
18.75°	131	145	162	181	201	233	265	323	396	468	553
17.5°	138	153	172	191	220	253	297	372	447	533	623
16.25°	144	162	181	203	237	271	342	419	503	596	689
15°	150	170	190	219	254	304	384	464	559	657	752
13.75°	157	178	199	234	269	342	424	514	614	714	808
12.5°	164	185	212	248	293	377	461	562	665	765	857
11.25°	170	192	224	260	324	410	502	606	712	811	902
10°	176	198	235	272	352	439	539	647	753	851	936
8.75°	181	207	244	289	377	466	573	683	789	886	966
7.5°	186	215	253	310	399	494	604	715	821	915	985
6.25°	190	222	260	328	418	518	630	742	846	936	1001
5°	193	227	266	342	433	538	651	763	867	954	1014
3.75°	195	232	271	354	445	553	668	780	883	968	1023
2.5°	197	235	274	362	454	565	680	792	895	976	1029
1.25°	198	237	276	367	459	572	688	799	902	980	1033
0°	198	238	277	369	461	574	690	802	904	981	1034
-1.25°	198	237	276	367	459	572	688	799	902	980	1033
-2.5°	197	235	274	362	454	565	680	792	895	976	1029
-3.75°	195	232	271	354	445	553	668	780	883	968	1023
-5°	193	227	266	342	433	538	651	763	867	954	1014
-6.25°	190	222	260	328	418	518	630	742	846	936	1001
-7.5°	186	215	253	310	399	494	604	715	821	915	985
-8.75°	181	207	244	289	377	466	573	683	789	886	966
-10°	176	198	235	272	352	439	539	647	753	851	936
-11.25°	170	192	224	260	324	410	502	606	712	811	902
-12.5°	164	185	212	248	293	377	461	562	665	765	857
-13.75°	157	178	199	234	269	342	424	514	614	714	808
-15°	150	170	190	219	254	304	384	464	559	657	752
-16.25°	144	162	181	203	237	271	342	419	503	596	689
-17.5°	138	153	172	191	220	253	297	372	447	533	623
-18.75°	131	145	162	181	201	233	265	323	396	468	553
-20°	123	138	152	170	189	213	244	275	342	411	483
-21.25°	116	130	144	159	177	195	222	252	287	354	419



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	109	121	135	149	165	182	199	228	257	294	358
-23.75°	102	114	126	139	152	169	185	204	231	258	294
-25°	95	106	117	130	142	155	171	187	205	231	257
-26.25°	89	98	109	119	132	144	157	172	187	204	228
-27.5°	84	91	101	111	121	133	145	157	171	185	199
-28.75°	79	85	92	102	112	122	133	144	155	169	182
-30°	73	80	86	93	103	112	121	132	142	152	165
-31.25°	69	74	80	86	93	102	111	119	130	139	149
-32.5°	65	69	74	80	86	92	101	109	117	126	135
-33.75°	60	65	69	74	80	85	91	98	106	114	121
-35°	56	60	65	69	73	79	84	89	95	102	109
-36.25°	52	56	60	64	68	72	77	82	86	91	98
-37.5°	48	52	55	59	63	67	70	75	79	83	88
-38.75°	44	48	51	55	58	61	65	69	72	76	80
-40°	40	44	47	50	53	56	60	63	66	69	72
-41.25°	36	40	43	46	49	52	55	57	60	63	66
-42.5°	32	35	38	41	44	47	50	53	55	58	60
-43.75°	27	31	34	37	40	43	45	48	50	53	55
-45°	23	26	29	32	35	38	40	43	45	47	50
-46.25°	18	21	24	27	30	33	36	38	40	42	44
-47.5°	12	16	19	22	25	28	30	33	35	37	39
-48.75°	7	10	13	16	19	22	25	27	30	32	34
-50°	5	5	8	11	14	16	19	22	24	26	28
-51.25°	5	5	5	6	8	10	13	15	18	20	22
-52.5°	4	4	5	5	5	5	7	9	11	14	16
-53.75°	4	4	4	4	5	5	5	5	6	7	9
-55°	4	4	4	4	4	4	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	5	5
-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	4
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	4	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°	3	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	2	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	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	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	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	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	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	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	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	4	4
58.75°	4	4	4	4	4	4	4	4	5	5	5
57.5°	4	4	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	6	7	8	9	10	10
55°	5	6	8	10	11	12	14	15	16	17	18
53.75°	11	13	15	16	18	19	21	22	23	24	25
52.5°	18	20	22	23	25	26	27	28	29	30	31
51.25°	24	26	28	29	31	32	34	35	36	37	37
50°	30	32	34	35	37	38	39	40	41	42	43
48.75°	36	38	39	41	42	44	45	46	47	48	49
47.5°	41	43	45	46	48	49	51	52	53	54	55
46.25°	47	48	50	52	54	55	56	58	59	60	61
45°	52	54	56	57	59	61	63	64	66	67	68
43.75°	57	59	62	64	66	68	70	71	73	75	76
42.5°	63	66	68	70	72	75	77	80	82	83	85
41.25°	69	72	75	78	81	83	86	88	90	93	96
40°	76	80	83	86	89	93	97	101	104	107	110
38.75°	84	88	91	97	101	106	110	114	117	121	125
37.5°	92	98	104	109	114	119	124	129	134	138	141
36.25°	104	110	116	122	129	135	140	145	150	155	160
35°	116	123	131	138	144	150	157	164	170	176	181



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	130	138	145	153	162	170	178	185	192	198	207
32.5°	144	152	162	172	181	190	199	212	224	235	244
31.25°	159	170	181	191	203	219	234	248	260	272	289
30°	177	189	201	220	237	254	269	293	324	352	377
28.75°	195	213	233	253	271	304	342	377	410	439	466
27.5°	222	244	265	297	342	384	424	461	502	539	573
26.25°	252	275	323	372	419	464	514	562	606	647	683
25°	287	342	396	447	503	559	614	665	712	753	789
23.75°	354	411	468	533	596	657	714	765	811	851	886
22.5°	419	483	553	623	689	752	808	857	902	936	966
21.25°	488	564	639	711	778	839	893	937	973	998	1019
20°	564	645	722	794	859	916	963	995	1021	1043	1063
18.75°	639	722	800	870	929	977	1010	1038	1063	1086	1108
17.5°	711	794	870	934	983	1019	1048	1077	1104	1130	1154
16.25°	778	859	929	983	1022	1054	1086	1117	1147	1175	1202
15°	839	916	977	1019	1054	1089	1123	1157	1190	1222	1248
13.75°	893	963	1010	1048	1086	1123	1160	1198	1233	1264	1295
12.5°	937	995	1038	1077	1117	1157	1198	1236	1272	1308	1346
11.25°	973	1021	1063	1104	1147	1190	1233	1272	1313	1356	1398
10°	998	1043	1086	1130	1175	1222	1264	1308	1356	1404	1450
8.75°	1019	1063	1108	1154	1202	1248	1295	1346	1398	1450	1499
7.5°	1035	1081	1127	1176	1226	1273	1325	1381	1437	1492	1541
6.25°	1049	1096	1144	1196	1246	1296	1353	1412	1473	1528	1576
5°	1061	1109	1159	1212	1262	1316	1377	1440	1502	1557	1605
3.75°	1070	1119	1171	1225	1276	1334	1397	1462	1525	1579	1625
2.5°	1077	1127	1179	1234	1286	1346	1411	1478	1540	1595	1640
1.25°	1081	1131	1185	1239	1293	1354	1420	1488	1550	1605	1649
0°	1083	1133	1187	1241	1295	1357	1423	1491	1553	1608	1652
-1.25°	1081	1131	1185	1239	1293	1354	1420	1488	1550	1605	1649
-2.5°	1077	1127	1179	1234	1286	1346	1411	1478	1540	1595	1640
-3.75°	1070	1119	1171	1225	1276	1334	1397	1462	1525	1579	1625
-5°	1061	1109	1159	1212	1262	1316	1377	1440	1502	1557	1605
-6.25°	1049	1096	1144	1196	1246	1296	1353	1412	1473	1528	1576
-7.5°	1035	1081	1127	1176	1226	1273	1325	1381	1437	1492	1541
-8.75°	1019	1063	1108	1154	1202	1248	1295	1346	1398	1450	1499
-10°	998	1043	1086	1130	1175	1222	1264	1308	1356	1404	1450
-11.25°	973	1021	1063	1104	1147	1190	1233	1272	1313	1356	1398
-12.5°	937	995	1038	1077	1117	1157	1198	1236	1272	1308	1346
-13.75°	893	963	1010	1048	1086	1123	1160	1198	1233	1264	1295
-15°	839	916	977	1019	1054	1089	1123	1157	1190	1222	1248
-16.25°	778	859	929	983	1022	1054	1086	1117	1147	1175	1202
-17.5°	711	794	870	934	983	1019	1048	1077	1104	1130	1154
-18.75°	639	722	800	870	929	977	1010	1038	1063	1086	1108
-20°	564	645	722	794	859	916	963	995	1021	1043	1063
-21.25°	488	564	639	711	778	839	893	937	973	998	1019



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	419	483	553	623	689	752	808	857	902	936	966
-23.75°	354	411	468	533	596	657	714	765	811	851	886
-25°	287	342	396	447	503	559	614	665	712	753	789
-26.25°	252	275	323	372	419	464	514	562	606	647	683
-27.5°	222	244	265	297	342	384	424	461	502	539	573
-28.75°	195	213	233	253	271	304	342	377	410	439	466
-30°	177	189	201	220	237	254	269	293	324	352	377
-31.25°	159	170	181	191	203	219	234	248	260	272	289
-32.5°	144	152	162	172	181	190	199	212	224	235	244
-33.75°	130	138	145	153	162	170	178	185	192	198	207
-35°	116	123	131	138	144	150	157	164	170	176	181
-36.25°	104	110	116	122	129	135	140	145	150	155	160
-37.5°	92	98	104	109	114	119	124	129	134	138	141
-38.75°	84	88	91	97	101	106	110	114	117	121	125
-40°	76	80	83	86	89	93	97	101	104	107	110
-41.25°	69	72	75	78	81	83	86	88	90	93	96
-42.5°	63	66	68	70	72	75	77	80	82	83	85
-43.75°	57	59	62	64	66	68	70	71	73	75	76
-45°	52	54	56	57	59	61	63	64	66	67	68
-46.25°	47	48	50	52	54	55	56	58	59	60	61
-47.5°	41	43	45	46	48	49	51	52	53	54	55
-48.75°	36	38	39	41	42	44	45	46	47	48	49
-50°	30	32	34	35	37	38	39	40	41	42	43
-51.25°	24	26	28	29	31	32	34	35	36	37	37
-52.5°	18	20	22	23	25	26	27	28	29	30	31
-53.75°	11	13	15	16	18	19	21	22	23	24	25
-55°	5	6	8	10	11	12	14	15	16	17	18
-56.25°	5	5	5	5	5	6	7	8	9	10	10
-57.5°	4	4	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	5	5	5
-60°	4	4	4	4	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°	3	3	3	3	4	4	4	4	4	4	4
-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	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	3	3	3	3	3	3	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°	1	1	2	2	2	2	2	2	2	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	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°	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	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	3	3	3
65°	3	3	3	3	3	3	4	3	3	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°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	6	6	6	6	6	6	6	6	6
56.25°	11	12	12	13	13	13	13	13	13	13	12
55°	18	19	20	20	20	20	21	20	20	20	20
53.75°	25	26	26	27	27	27	27	27	27	27	26
52.5°	32	33	33	33	34	34	34	34	34	33	33
51.25°	38	39	39	39	40	40	40	40	40	39	39
50°	44	45	45	45	46	46	46	46	46	45	45
48.75°	50	50	51	51	52	52	52	52	52	51	51
47.5°	56	56	57	57	58	58	58	58	58	57	57
46.25°	62	63	64	64	65	65	65	65	65	64	64
45°	69	70	71	71	72	72	72	72	72	71	71
43.75°	77	79	79	80	81	81	81	81	81	80	79
42.5°	86	88	89	89	90	90	90	90	90	89	89
41.25°	98	100	102	103	104	104	104	104	104	103	102
40°	112	114	116	117	118	118	119	118	118	117	116
38.75°	128	130	132	134	135	136	136	136	135	134	132
37.5°	144	147	149	151	152	153	153	153	152	151	149
36.25°	164	167	170	173	174	175	176	175	174	173	170
35°	186	190	193	195	197	198	198	198	197	195	193



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	215	222	227	232	235	237	238	237	235	232	227
32.5°	253	260	266	271	274	276	277	276	274	271	266
31.25°	310	328	342	354	362	367	369	367	362	354	342
30°	399	418	433	445	454	459	461	459	454	445	433
28.75°	494	518	538	553	565	572	574	572	565	553	538
27.5°	604	630	651	668	680	688	690	688	680	668	651
26.25°	715	742	763	780	792	799	802	799	792	780	763
25°	821	846	867	883	895	902	904	902	895	883	867
23.75°	915	936	954	968	976	980	981	980	976	968	954
22.5°	985	1001	1014	1023	1029	1033	1034	1033	1029	1023	1014
21.25°	1035	1049	1061	1070	1077	1081	1083	1081	1077	1070	1061
20°	1081	1096	1109	1119	1127	1131	1133	1131	1127	1119	1109
18.75°	1127	1144	1159	1171	1179	1185	1187	1185	1179	1171	1159
17.5°	1176	1196	1212	1225	1234	1239	1241	1239	1234	1225	1212
16.25°	1226	1246	1262	1276	1286	1293	1295	1293	1286	1276	1262
15°	1273	1296	1316	1334	1346	1354	1357	1354	1346	1334	1316
13.75°	1325	1353	1377	1397	1411	1420	1423	1420	1411	1397	1377
12.5°	1381	1412	1440	1462	1478	1488	1491	1488	1478	1462	1440
11.25°	1437	1473	1502	1525	1540	1550	1553	1550	1540	1525	1502
10°	1492	1528	1557	1579	1595	1605	1608	1605	1595	1579	1557
8.75°	1541	1576	1605	1625	1640	1649	1652	1649	1640	1625	1605
7.5°	1582	1617	1644	1664	1679	1686	1689	1686	1679	1664	1644
6.25°	1617	1649	1676	1694	1705	1711	1713	1711	1705	1694	1676
5°	1644	1676	1699	1713	1719	1721	1722	1721	1719	1713	1699
3.75°	1664	1694	1713	1720	1722	1723	1722	1723	1722	1720	1713
2.5°	1679	1705	1719	1722	1720	1716	1714	1716	1720	1722	1719
1.25°	1686	1711	1721	1723	1716	1711	1710	1711	1716	1723	1721
0°	1689	1713	1722	1722	1714	1710	1715	1710	1714	1722	1722
-1.25°	1686	1711	1721	1723	1716	1711	1710	1711	1716	1723	1721
-2.5°	1679	1705	1719	1722	1720	1716	1714	1716	1720	1722	1719
-3.75°	1664	1694	1713	1720	1722	1723	1722	1723	1722	1720	1713
-5°	1644	1676	1699	1713	1719	1721	1722	1721	1719	1713	1699
-6.25°	1617	1649	1676	1694	1705	1711	1713	1711	1705	1694	1676
-7.5°	1582	1617	1644	1664	1679	1686	1689	1686	1679	1664	1644
-8.75°	1541	1576	1605	1625	1640	1649	1652	1649	1640	1625	1605
-10°	1492	1528	1557	1579	1595	1605	1608	1605	1595	1579	1557
-11.25°	1437	1473	1502	1525	1540	1550	1553	1550	1540	1525	1502
-12.5°	1381	1412	1440	1462	1478	1488	1491	1488	1478	1462	1440
-13.75°	1325	1353	1377	1397	1411	1420	1423	1420	1411	1397	1377
-15°	1273	1296	1316	1334	1346	1354	1357	1354	1346	1334	1316
-16.25°	1226	1246	1262	1276	1286	1293	1295	1293	1286	1276	1262
-17.5°	1176	1196	1212	1225	1234	1239	1241	1239	1234	1225	1212
-18.75°	1127	1144	1159	1171	1179	1185	1187	1185	1179	1171	1159
-20°	1081	1096	1109	1119	1127	1131	1133	1131	1127	1119	1109
-21.25°	1035	1049	1061	1070	1077	1081	1083	1081	1077	1070	1061



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	985	1001	1014	1023	1029	1033	1034	1033	1029	1023	1014
-23.75°	915	936	954	968	976	980	981	980	976	968	954
-25°	821	846	867	883	895	902	904	902	895	883	867
-26.25°	715	742	763	780	792	799	802	799	792	780	763
-27.5°	604	630	651	668	680	688	690	688	680	668	651
-28.75°	494	518	538	553	565	572	574	572	565	553	538
-30°	399	418	433	445	454	459	461	459	454	445	433
-31.25°	310	328	342	354	362	367	369	367	362	354	342
-32.5°	253	260	266	271	274	276	277	276	274	271	266
-33.75°	215	222	227	232	235	237	238	237	235	232	227
-35°	186	190	193	195	197	198	198	198	197	195	193
-36.25°	164	167	170	173	174	175	176	175	174	173	170
-37.5°	144	147	149	151	152	153	153	153	152	151	149
-38.75°	128	130	132	134	135	136	136	136	135	134	132
-40°	112	114	116	117	118	118	119	118	118	117	116
-41.25°	98	100	102	103	104	104	104	104	104	103	102
-42.5°	86	88	89	89	90	90	90	90	90	89	89
-43.75°	77	79	79	80	81	81	81	81	81	80	79
-45°	69	70	71	71	72	72	72	72	72	71	71
-46.25°	62	63	64	64	65	65	65	65	65	64	64
-47.5°	56	56	57	57	58	58	58	58	58	57	57
-48.75°	50	50	51	51	52	52	52	52	52	51	51
-50°	44	45	45	45	46	46	46	46	46	45	45
-51.25°	38	39	39	39	40	40	40	40	40	39	39
-52.5°	32	33	33	33	34	34	34	34	34	33	33
-53.75°	25	26	26	27	27	27	27	27	27	27	26
-55°	18	19	20	20	20	20	21	20	20	20	20
-56.25°	11	12	12	13	13	13	13	13	13	13	12
-57.5°	5	5	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	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°	3	3	3	3	3	3	4	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	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	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	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	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°	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	3	3	3	3	3	3	2
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	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	3	3
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	4	4
58.75°	5	5	5	5	5	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	12	11	10	10	9	8	7	6	5	5	5
55°	19	18	18	17	16	15	14	12	11	10	8
53.75°	26	25	25	24	23	22	21	19	18	16	15
52.5°	33	32	31	30	29	28	27	26	25	23	22
51.25°	39	38	37	37	36	35	34	32	31	29	28
50°	45	44	43	42	41	40	39	38	37	35	34
48.75°	50	50	49	48	47	46	45	44	42	41	39
47.5°	56	56	55	54	53	52	51	49	48	46	45
46.25°	63	62	61	60	59	58	56	55	54	52	50
45°	70	69	68	67	66	64	63	61	59	57	56
43.75°	79	77	76	75	73	71	70	68	66	64	62
42.5°	88	86	85	83	82	80	77	75	72	70	68
41.25°	100	98	96	93	90	88	86	83	81	78	75
40°	114	112	110	107	104	101	97	93	89	86	83
38.75°	130	128	125	121	117	114	110	106	101	97	91
37.5°	147	144	141	138	134	129	124	119	114	109	104
36.25°	167	164	160	155	150	145	140	135	129	122	116
35°	190	186	181	176	170	164	157	150	144	138	131



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	222	215	207	198	192	185	178	170	162	153	145
32.5°	260	253	244	235	224	212	199	190	181	172	162
31.25°	328	310	289	272	260	248	234	219	203	191	181
30°	418	399	377	352	324	293	269	254	237	220	201
28.75°	518	494	466	439	410	377	342	304	271	253	233
27.5°	630	604	573	539	502	461	424	384	342	297	265
26.25°	742	715	683	647	606	562	514	464	419	372	323
25°	846	821	789	753	712	665	614	559	503	447	396
23.75°	936	915	886	851	811	765	714	657	596	533	468
22.5°	1001	985	966	936	902	857	808	752	689	623	553
21.25°	1049	1035	1019	998	973	937	893	839	778	711	639
20°	1096	1081	1063	1043	1021	995	963	916	859	794	722
18.75°	1144	1127	1108	1086	1063	1038	1010	977	929	870	800
17.5°	1196	1176	1154	1130	1104	1077	1048	1019	983	934	870
16.25°	1246	1226	1202	1175	1147	1117	1086	1054	1022	983	929
15°	1296	1273	1248	1222	1190	1157	1123	1089	1054	1019	977
13.75°	1353	1325	1295	1264	1233	1198	1160	1123	1086	1048	1010
12.5°	1412	1381	1346	1308	1272	1236	1198	1157	1117	1077	1038
11.25°	1473	1437	1398	1356	1313	1272	1233	1190	1147	1104	1063
10°	1528	1492	1450	1404	1356	1308	1264	1222	1175	1130	1086
8.75°	1576	1541	1499	1450	1398	1346	1295	1248	1202	1154	1108
7.5°	1617	1582	1541	1492	1437	1381	1325	1273	1226	1176	1127
6.25°	1649	1617	1576	1528	1473	1412	1353	1296	1246	1196	1144
5°	1676	1644	1605	1557	1502	1440	1377	1316	1262	1212	1159
3.75°	1694	1664	1625	1579	1525	1462	1397	1334	1276	1225	1171
2.5°	1705	1679	1640	1595	1540	1478	1411	1346	1286	1234	1179
1.25°	1711	1686	1649	1605	1550	1488	1420	1354	1293	1239	1185
0°	1713	1689	1652	1608	1553	1491	1423	1357	1295	1241	1187
-1.25°	1711	1686	1649	1605	1550	1488	1420	1354	1293	1239	1185
-2.5°	1705	1679	1640	1595	1540	1478	1411	1346	1286	1234	1179
-3.75°	1694	1664	1625	1579	1525	1462	1397	1334	1276	1225	1171
-5°	1676	1644	1605	1557	1502	1440	1377	1316	1262	1212	1159
-6.25°	1649	1617	1576	1528	1473	1412	1353	1296	1246	1196	1144
-7.5°	1617	1582	1541	1492	1437	1381	1325	1273	1226	1176	1127
-8.75°	1576	1541	1499	1450	1398	1346	1295	1248	1202	1154	1108
-10°	1528	1492	1450	1404	1356	1308	1264	1222	1175	1130	1086
-11.25°	1473	1437	1398	1356	1313	1272	1233	1190	1147	1104	1063
-12.5°	1412	1381	1346	1308	1272	1236	1198	1157	1117	1077	1038
-13.75°	1353	1325	1295	1264	1233	1198	1160	1123	1086	1048	1010
-15°	1296	1273	1248	1222	1190	1157	1123	1089	1054	1019	977
-16.25°	1246	1226	1202	1175	1147	1117	1086	1054	1022	983	929
-17.5°	1196	1176	1154	1130	1104	1077	1048	1019	983	934	870
-18.75°	1144	1127	1108	1086	1063	1038	1010	977	929	870	800
-20°	1096	1081	1063	1043	1021	995	963	916	859	794	722
-21.25°	1049	1035	1019	998	973	937	893	839	778	711	639



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	1001	985	966	936	902	857	808	752	689	623	553
-23.75°	936	915	886	851	811	765	714	657	596	533	468
-25°	846	821	789	753	712	665	614	559	503	447	396
-26.25°	742	715	683	647	606	562	514	464	419	372	323
-27.5°	630	604	573	539	502	461	424	384	342	297	265
-28.75°	518	494	466	439	410	377	342	304	271	253	233
-30°	418	399	377	352	324	293	269	254	237	220	201
-31.25°	328	310	289	272	260	248	234	219	203	191	181
-32.5°	260	253	244	235	224	212	199	190	181	172	162
-33.75°	222	215	207	198	192	185	178	170	162	153	145
-35°	190	186	181	176	170	164	157	150	144	138	131
-36.25°	167	164	160	155	150	145	140	135	129	122	116
-37.5°	147	144	141	138	134	129	124	119	114	109	104
-38.75°	130	128	125	121	117	114	110	106	101	97	91
-40°	114	112	110	107	104	101	97	93	89	86	83
-41.25°	100	98	96	93	90	88	86	83	81	78	75
-42.5°	88	86	85	83	82	80	77	75	72	70	68
-43.75°	79	77	76	75	73	71	70	68	66	64	62
-45°	70	69	68	67	66	64	63	61	59	57	56
-46.25°	63	62	61	60	59	58	56	55	54	52	50
-47.5°	56	56	55	54	53	52	51	49	48	46	45
-48.75°	50	50	49	48	47	46	45	44	42	41	39
-50°	45	44	43	42	41	40	39	38	37	35	34
-51.25°	39	38	37	37	36	35	34	32	31	29	28
-52.5°	33	32	31	30	29	28	27	26	25	23	22
-53.75°	26	25	25	24	23	22	21	19	18	16	15
-55°	19	18	18	17	16	15	14	12	11	10	8
-56.25°	12	11	10	10	9	8	7	6	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	4	4	4	4	4	4
-60°	4	4	4	4	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	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	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	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°	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	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	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	2	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°	3	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	4	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	4	4	4	4	4	4	4
55°	6	5	5	5	5	5	5	4	4	4	4
53.75°	13	11	9	7	6	5	5	5	5	4	4
52.5°	20	18	16	14	11	9	7	5	5	5	5
51.25°	26	24	22	20	18	15	13	10	8	6	5
50°	32	30	28	26	24	22	19	16	14	11	8
48.75°	38	36	34	32	30	27	25	22	19	16	13
47.5°	43	41	39	37	35	33	30	28	25	22	19
46.25°	48	47	44	42	40	38	36	33	30	27	24
45°	54	52	50	47	45	43	40	38	35	32	29
43.75°	59	57	55	53	50	48	45	43	40	37	34
42.5°	66	63	60	58	55	53	50	47	44	41	38
41.25°	72	69	66	63	60	57	55	52	49	46	43
40°	80	76	72	69	66	63	60	56	53	50	47
38.75°	88	84	80	76	72	69	65	61	58	55	51
37.5°	98	92	88	83	79	75	70	67	63	59	55
36.25°	110	104	98	91	86	82	77	72	68	64	60
35°	123	116	109	102	95	89	84	79	73	69	65



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	138	130	121	114	106	98	91	85	80	74	69
32.5°	152	144	135	126	117	109	101	92	86	80	74
31.25°	170	159	149	139	130	119	111	102	93	86	80
30°	189	177	165	152	142	132	121	112	103	93	86
28.75°	213	195	182	169	155	144	133	122	112	102	92
27.5°	244	222	199	185	171	157	145	133	121	111	101
26.25°	275	252	228	204	187	172	157	144	132	119	109
25°	342	287	257	231	205	187	171	155	142	130	117
23.75°	411	354	294	258	231	204	185	169	152	139	126
22.5°	483	419	358	294	257	228	199	182	165	149	135
21.25°	564	488	419	354	287	252	222	195	177	159	144
20°	645	564	483	411	342	275	244	213	189	170	152
18.75°	722	639	553	468	396	323	265	233	201	181	162
17.5°	794	711	623	533	447	372	297	253	220	191	172
16.25°	859	778	689	596	503	419	342	271	237	203	181
15°	916	839	752	657	559	464	384	304	254	219	190
13.75°	963	893	808	714	614	514	424	342	269	234	199
12.5°	995	937	857	765	665	562	461	377	293	248	212
11.25°	1021	973	902	811	712	606	502	410	324	260	224
10°	1043	998	936	851	753	647	539	439	352	272	235
8.75°	1063	1019	966	886	789	683	573	466	377	289	244
7.5°	1081	1035	985	915	821	715	604	494	399	310	253
6.25°	1096	1049	1001	936	846	742	630	518	418	328	260
5°	1109	1061	1014	954	867	763	651	538	433	342	266
3.75°	1119	1070	1023	968	883	780	668	553	445	354	271
2.5°	1127	1077	1029	976	895	792	680	565	454	362	274
1.25°	1131	1081	1033	980	902	799	688	572	459	367	276
0°	1133	1083	1034	981	904	802	690	574	461	369	277
-1.25°	1131	1081	1033	980	902	799	688	572	459	367	276
-2.5°	1127	1077	1029	976	895	792	680	565	454	362	274
-3.75°	1119	1070	1023	968	883	780	668	553	445	354	271
-5°	1109	1061	1014	954	867	763	651	538	433	342	266
-6.25°	1096	1049	1001	936	846	742	630	518	418	328	260
-7.5°	1081	1035	985	915	821	715	604	494	399	310	253
-8.75°	1063	1019	966	886	789	683	573	466	377	289	244
-10°	1043	998	936	851	753	647	539	439	352	272	235
-11.25°	1021	973	902	811	712	606	502	410	324	260	224
-12.5°	995	937	857	765	665	562	461	377	293	248	212
-13.75°	963	893	808	714	614	514	424	342	269	234	199
-15°	916	839	752	657	559	464	384	304	254	219	190
-16.25°	859	778	689	596	503	419	342	271	237	203	181
-17.5°	794	711	623	533	447	372	297	253	220	191	172
-18.75°	722	639	553	468	396	323	265	233	201	181	162
-20°	645	564	483	411	342	275	244	213	189	170	152
-21.25°	564	488	419	354	287	252	222	195	177	159	144



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	483	419	358	294	257	228	199	182	165	149	135
-23.75°	411	354	294	258	231	204	185	169	152	139	126
-25°	342	287	257	231	205	187	171	155	142	130	117
-26.25°	275	252	228	204	187	172	157	144	132	119	109
-27.5°	244	222	199	185	171	157	145	133	121	111	101
-28.75°	213	195	182	169	155	144	133	122	112	102	92
-30°	189	177	165	152	142	132	121	112	103	93	86
-31.25°	170	159	149	139	130	119	111	102	93	86	80
-32.5°	152	144	135	126	117	109	101	92	86	80	74
-33.75°	138	130	121	114	106	98	91	85	80	74	69
-35°	123	116	109	102	95	89	84	79	73	69	65
-36.25°	110	104	98	91	86	82	77	72	68	64	60
-37.5°	98	92	88	83	79	75	70	67	63	59	55
-38.75°	88	84	80	76	72	69	65	61	58	55	51
-40°	80	76	72	69	66	63	60	56	53	50	47
-41.25°	72	69	66	63	60	57	55	52	49	46	43
-42.5°	66	63	60	58	55	53	50	47	44	41	38
-43.75°	59	57	55	53	50	48	45	43	40	37	34
-45°	54	52	50	47	45	43	40	38	35	32	29
-46.25°	48	47	44	42	40	38	36	33	30	27	24
-47.5°	43	41	39	37	35	33	30	28	25	22	19
-48.75°	38	36	34	32	30	27	25	22	19	16	13
-50°	32	30	28	26	24	22	19	16	14	11	8
-51.25°	26	24	22	20	18	15	13	10	8	6	5
-52.5°	20	18	16	14	11	9	7	5	5	5	5
-53.75°	13	11	9	7	6	5	5	5	5	4	4
-55°	6	5	5	5	5	5	5	4	4	4	4
-56.25°	5	5	5	5	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	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	4	4	4	4	4	3	3	3	3
-62.5°	4	4	4	4	3	3	3	3	3	3	3
-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°	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	2	2	2	2	2
-70°	2	2	2	2	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	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	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	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	1
66.25°	3	3	3	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	5	5	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	10	7	5	5	5	4	4	4	4	4	4
47.5°	16	12	9	6	5	5	4	4	4	4	4
46.25°	21	18	14	10	6	5	5	5	4	4	4
45°	26	23	19	15	11	7	5	5	5	4	4
43.75°	31	27	24	20	16	12	8	5	5	5	4
42.5°	35	32	28	25	21	17	13	8	5	5	5
41.25°	40	36	33	29	25	21	17	13	8	5	5
40°	44	40	37	34	30	25	21	17	12	7	5
38.75°	48	44	41	37	34	30	25	21	16	11	6
37.5°	52	48	45	41	37	34	29	25	20	15	10
36.25°	56	52	49	45	41	37	33	28	24	19	14
35°	60	56	52	48	44	40	36	32	27	23	18



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	65	60	56	52	48	44	40	35	31	26	21
32.5°	69	65	60	55	51	47	43	38	34	29	24
31.25°	74	69	64	59	55	50	46	41	37	32	27
30°	80	73	68	63	58	53	49	44	40	35	30
28.75°	85	79	72	67	61	56	52	47	43	38	33
27.5°	91	84	77	70	65	60	55	50	45	40	36
26.25°	98	89	82	75	69	63	57	53	48	43	38
25°	106	95	86	79	72	66	60	55	50	45	40
23.75°	114	102	91	83	76	69	63	58	53	47	42
22.5°	121	109	98	88	80	72	66	60	55	50	44
21.25°	130	116	104	92	84	76	69	63	57	52	47
20°	138	123	110	98	88	80	72	66	59	54	48
18.75°	145	131	116	104	91	83	75	68	62	56	50
17.5°	153	138	122	109	97	86	78	70	64	57	52
16.25°	162	144	129	114	101	89	81	72	66	59	54
15°	170	150	135	119	106	93	83	75	68	61	55
13.75°	178	157	140	124	110	97	86	77	70	63	56
12.5°	185	164	145	129	114	101	88	80	71	64	58
11.25°	192	170	150	134	117	104	90	82	73	66	59
10°	198	176	155	138	121	107	93	83	75	67	60
8.75°	207	181	160	141	125	110	96	85	76	68	61
7.5°	215	186	164	144	128	112	98	86	77	69	62
6.25°	222	190	167	147	130	114	100	88	79	70	63
5°	227	193	170	149	132	116	102	89	79	71	64
3.75°	232	195	173	151	134	117	103	89	80	71	64
2.5°	235	197	174	152	135	118	104	90	81	72	65
1.25°	237	198	175	153	136	118	104	90	81	72	65
0°	238	198	176	153	136	119	104	90	81	72	65
-1.25°	237	198	175	153	136	118	104	90	81	72	65
-2.5°	235	197	174	152	135	118	104	90	81	72	65
-3.75°	232	195	173	151	134	117	103	89	80	71	64
-5°	227	193	170	149	132	116	102	89	79	71	64
-6.25°	222	190	167	147	130	114	100	88	79	70	63
-7.5°	215	186	164	144	128	112	98	86	77	69	62
-8.75°	207	181	160	141	125	110	96	85	76	68	61
-10°	198	176	155	138	121	107	93	83	75	67	60
-11.25°	192	170	150	134	117	104	90	82	73	66	59
-12.5°	185	164	145	129	114	101	88	80	71	64	58
-13.75°	178	157	140	124	110	97	86	77	70	63	56
-15°	170	150	135	119	106	93	83	75	68	61	55
-16.25°	162	144	129	114	101	89	81	72	66	59	54
-17.5°	153	138	122	109	97	86	78	70	64	57	52
-18.75°	145	131	116	104	91	83	75	68	62	56	50
-20°	138	123	110	98	88	80	72	66	59	54	48
-21.25°	130	116	104	92	84	76	69	63	57	52	47



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	121	109	98	88	80	72	66	60	55	50	44
-23.75°	114	102	91	83	76	69	63	58	53	47	42
-25°	106	95	86	79	72	66	60	55	50	45	40
-26.25°	98	89	82	75	69	63	57	53	48	43	38
-27.5°	91	84	77	70	65	60	55	50	45	40	36
-28.75°	85	79	72	67	61	56	52	47	43	38	33
-30°	80	73	68	63	58	53	49	44	40	35	30
-31.25°	74	69	64	59	55	50	46	41	37	32	27
-32.5°	69	65	60	55	51	47	43	38	34	29	24
-33.75°	65	60	56	52	48	44	40	35	31	26	21
-35°	60	56	52	48	44	40	36	32	27	23	18
-36.25°	56	52	49	45	41	37	33	28	24	19	14
-37.5°	52	48	45	41	37	34	29	25	20	15	10
-38.75°	48	44	41	37	34	30	25	21	16	11	6
-40°	44	40	37	34	30	25	21	17	12	7	5
-41.25°	40	36	33	29	25	21	17	13	8	5	5
-42.5°	35	32	28	25	21	17	13	8	5	5	5
-43.75°	31	27	24	20	16	12	8	5	5	5	4
-45°	26	23	19	15	11	7	5	5	5	4	4
-46.25°	21	18	14	10	6	5	5	5	4	4	4
-47.5°	16	12	9	6	5	5	4	4	4	4	4
-48.75°	10	7	5	5	5	4	4	4	4	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	5	5	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	3
-53.75°	4	4	4	4	4	4	4	4	4	3	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	4	3	3	3	3	3
-57.5°	4	4	4	4	3	3	3	3	3	3	3
-58.75°	4	4	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-63.75°	3	3	3	3	3	3	3	3	2	2	2
-65°	3	3	3	3	3	2	2	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	1
-68.75°	2	2	2	2	2	2	2	2	1	1	1
-70°	2	2	2	2	2	1	1	1	1	1	1
-71.25°	2	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	16	10	5	5	4	4	4	4	4	4	3
32.5°	19	13	8	5	5	4	4	4	4	4	3
31.25°	22	16	11	6	5	4	4	4	4	4	4
30°	25	19	14	8	5	5	4	4	4	4	4
28.75°	28	22	16	10	5	5	4	4	4	4	4
27.5°	30	25	19	13	7	5	5	4	4	4	4
26.25°	33	27	22	15	9	5	5	4	4	4	4
25°	35	30	24	18	11	6	5	4	4	4	4
23.75°	37	32	26	20	14	7	5	5	4	4	4
22.5°	39	34	28	22	16	9	5	5	4	4	4
21.25°	41	36	30	24	18	11	5	5	4	4	4
20°	43	38	32	26	20	13	6	5	4	4	4
18.75°	45	39	34	28	22	15	8	5	5	4	4
17.5°	46	41	35	29	23	16	10	5	5	4	4
16.25°	48	42	37	31	25	18	11	5	5	4	4
15°	49	44	38	32	26	19	12	6	5	4	4
13.75°	51	45	39	34	27	21	14	7	5	4	4
12.5°	52	46	40	35	28	22	15	8	5	4	4
11.25°	53	47	41	36	29	23	16	9	5	5	4
10°	54	48	42	37	30	24	17	10	5	5	4
8.75°	55	49	43	37	31	25	18	10	5	5	4
7.5°	56	50	44	38	32	25	18	11	5	5	4
6.25°	56	50	45	39	33	26	19	12	5	5	4
5°	57	51	45	39	33	26	20	12	6	5	4
3.75°	57	51	45	39	33	27	20	13	6	5	4
2.5°	58	52	46	40	34	27	20	13	6	5	4
1.25°	58	52	46	40	34	27	20	13	6	5	4
0°	58	52	46	40	34	27	21	13	6	5	4
-1.25°	58	52	46	40	34	27	20	13	6	5	4
-2.5°	58	52	46	40	34	27	20	13	6	5	4
-3.75°	57	51	45	39	33	27	20	13	6	5	4
-5°	57	51	45	39	33	26	20	12	6	5	4
-6.25°	56	50	45	39	33	26	19	12	5	5	4
-7.5°	56	50	44	38	32	25	18	11	5	5	4
-8.75°	55	49	43	37	31	25	18	10	5	5	4
-10°	54	48	42	37	30	24	17	10	5	5	4
-11.25°	53	47	41	36	29	23	16	9	5	5	4
-12.5°	52	46	40	35	28	22	15	8	5	4	4
-13.75°	51	45	39	34	27	21	14	7	5	4	4
-15°	49	44	38	32	26	19	12	6	5	4	4
-16.25°	48	42	37	31	25	18	11	5	5	4	4
-17.5°	46	41	35	29	23	16	10	5	5	4	4
-18.75°	45	39	34	28	22	15	8	5	5	4	4
-20°	43	38	32	26	20	13	6	5	4	4	4
-21.25°	41	36	30	24	18	11	5	5	4	4	4



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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°	39	34	28	22	16	9	5	5	4	4	4
-23.75°	37	32	26	20	14	7	5	5	4	4	4
-25°	35	30	24	18	11	6	5	4	4	4	4
-26.25°	33	27	22	15	9	5	5	4	4	4	4
-27.5°	30	25	19	13	7	5	5	4	4	4	4
-28.75°	28	22	16	10	5	5	4	4	4	4	4
-30°	25	19	14	8	5	5	4	4	4	4	4
-31.25°	22	16	11	6	5	4	4	4	4	4	4
-32.5°	19	13	8	5	5	4	4	4	4	4	3
-33.75°	16	10	5	5	4	4	4	4	4	4	3
-35°	12	7	5	5	4	4	4	4	4	4	3
-36.25°	9	5	5	4	4	4	4	4	4	3	3
-37.5°	6	5	5	4	4	4	4	4	4	3	3
-38.75°	5	5	4	4	4	4	4	4	3	3	3
-40°	5	4	4	4	4	4	4	4	3	3	3
-41.25°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	4	3	3	3	3
-43.75°	4	4	4	4	4	4	3	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	3	3
-46.25°	4	4	4	4	3	3	3	3	3	3	3
-47.5°	4	4	4	4	3	3	3	3	3	3	3
-48.75°	4	4	4	3	3	3	3	3	3	3	3
-50°	4	4	3	3	3	3	3	3	3	3	2
-51.25°	4	3	3	3	3	3	3	3	3	3	2
-52.5°	3	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	3	3	2	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	1
-60°	3	3	2	2	2	2	2	2	2	1	1
-61.25°	3	2	2	2	2	2	2	2	1	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	1	1	1	1	1	1
-65°	2	2	2	1	1	1	1	1	1	1	1
-66.25°	2	2	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	2	2	2	2	1	1
32.5°	3	3	3	3	3	2	2	2	2	1	1
31.25°	3	3	3	3	3	3	2	2	2	1	1
30°	3	3	3	3	3	3	2	2	2	1	1
28.75°	3	3	3	3	3	3	2	2	2	1	1
27.5°	4	3	3	3	3	3	2	2	2	2	1
26.25°	4	3	3	3	3	3	3	2	2	2	1
25°	4	3	3	3	3	3	3	2	2	2	1
23.75°	4	4	3	3	3	3	3	2	2	2	1
22.5°	4	4	3	3	3	3	3	2	2	2	1
21.25°	4	4	3	3	3	3	3	2	2	2	1
20°	4	4	3	3	3	3	3	2	2	2	1
18.75°	4	4	3	3	3	3	3	2	2	2	2
17.5°	4	4	3	3	3	3	3	3	2	2	2
16.25°	4	4	4	3	3	3	3	3	2	2	2
15°	4	4	4	3	3	3	3	3	2	2	2
13.75°	4	4	4	3	3	3	3	3	2	2	2
12.5°	4	4	4	3	3	3	3	3	2	2	2
11.25°	4	4	4	3	3	3	3	3	2	2	2
10°	4	4	4	3	3	3	3	3	2	2	2
8.75°	4	4	4	3	3	3	3	3	2	2	2
7.5°	4	4	4	3	3	3	3	3	2	2	2
6.25°	4	4	4	3	3	3	3	3	2	2	2
5°	4	4	4	3	3	3	3	3	2	2	2
3.75°	4	4	4	3	3	3	3	3	2	2	2
2.5°	4	4	4	3	3	3	3	3	2	2	2
1.25°	4	4	4	3	3	3	3	3	2	2	2
0°	4	4	4	4	3	3	3	3	2	2	2
-1.25°	4	4	4	3	3	3	3	3	2	2	2
-2.5°	4	4	4	3	3	3	3	3	2	2	2
-3.75°	4	4	4	3	3	3	3	3	2	2	2
-5°	4	4	4	3	3	3	3	3	2	2	2
-6.25°	4	4	4	3	3	3	3	3	2	2	2
-7.5°	4	4	4	3	3	3	3	3	2	2	2
-8.75°	4	4	4	3	3	3	3	3	2	2	2
-10°	4	4	4	3	3	3	3	3	2	2	2
-11.25°	4	4	4	3	3	3	3	3	2	2	2
-12.5°	4	4	4	3	3	3	3	3	2	2	2
-13.75°	4	4	4	3	3	3	3	3	2	2	2
-15°	4	4	4	3	3	3	3	3	2	2	2
-16.25°	4	4	4	3	3	3	3	3	2	2	2
-17.5°	4	4	3	3	3	3	3	3	2	2	2
-18.75°	4	4	3	3	3	3	3	2	2	2	2
-20°	4	4	3	3	3	3	3	2	2	2	1
-21.25°	4	4	3	3	3	3	3	2	2	2	1



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	3	3	3	3	3	2	2	2	1
-23.75°	4	4	3	3	3	3	3	2	2	2	1
-25°	4	3	3	3	3	3	3	2	2	2	1
-26.25°	4	3	3	3	3	3	3	2	2	2	1
-27.5°	4	3	3	3	3	3	2	2	2	2	1
-28.75°	3	3	3	3	3	3	2	2	2	1	1
-30°	3	3	3	3	3	3	2	2	2	1	1
-31.25°	3	3	3	3	3	3	2	2	2	1	1
-32.5°	3	3	3	3	3	2	2	2	2	1	1
-33.75°	3	3	3	3	3	2	2	2	2	1	1
-35°	3	3	3	3	3	2	2	2	1	1	1
-36.25°	3	3	3	3	3	2	2	2	1	1	1
-37.5°	3	3	3	3	2	2	2	2	1	1	1
-38.75°	3	3	3	3	2	2	2	2	1	1	1
-40°	3	3	3	2	2	2	2	1	1	1	1
-41.25°	3	3	3	2	2	2	2	1	1	1	1
-42.5°	3	3	3	2	2	2	2	1	1	1	1
-43.75°	3	3	2	2	2	2	1	1	1	1	1
-45°	3	3	2	2	2	2	1	1	1	1	1
-46.25°	3	2	2	2	2	1	1	1	1	1	1
-47.5°	3	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	1	1	1	1	1	1	1
-51.25°	2	2	2	1	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	1	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-56.25°	2	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	0
-76.25°	1	1	1	1	1	1	1	1	1	0	0
-77.5°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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	0	0	0	0	0	0
-80°	1	1	1	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	0	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	0	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	0	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	0	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	0	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	0	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	0	0	0	0
47.5°	1	1	1	1	1	1	1	0	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	1	0	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	0	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	0	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	0	0	0	0	0	0	0
-66.25°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	1	0	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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: P220706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-W-BK-L2-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)