

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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)
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-M-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

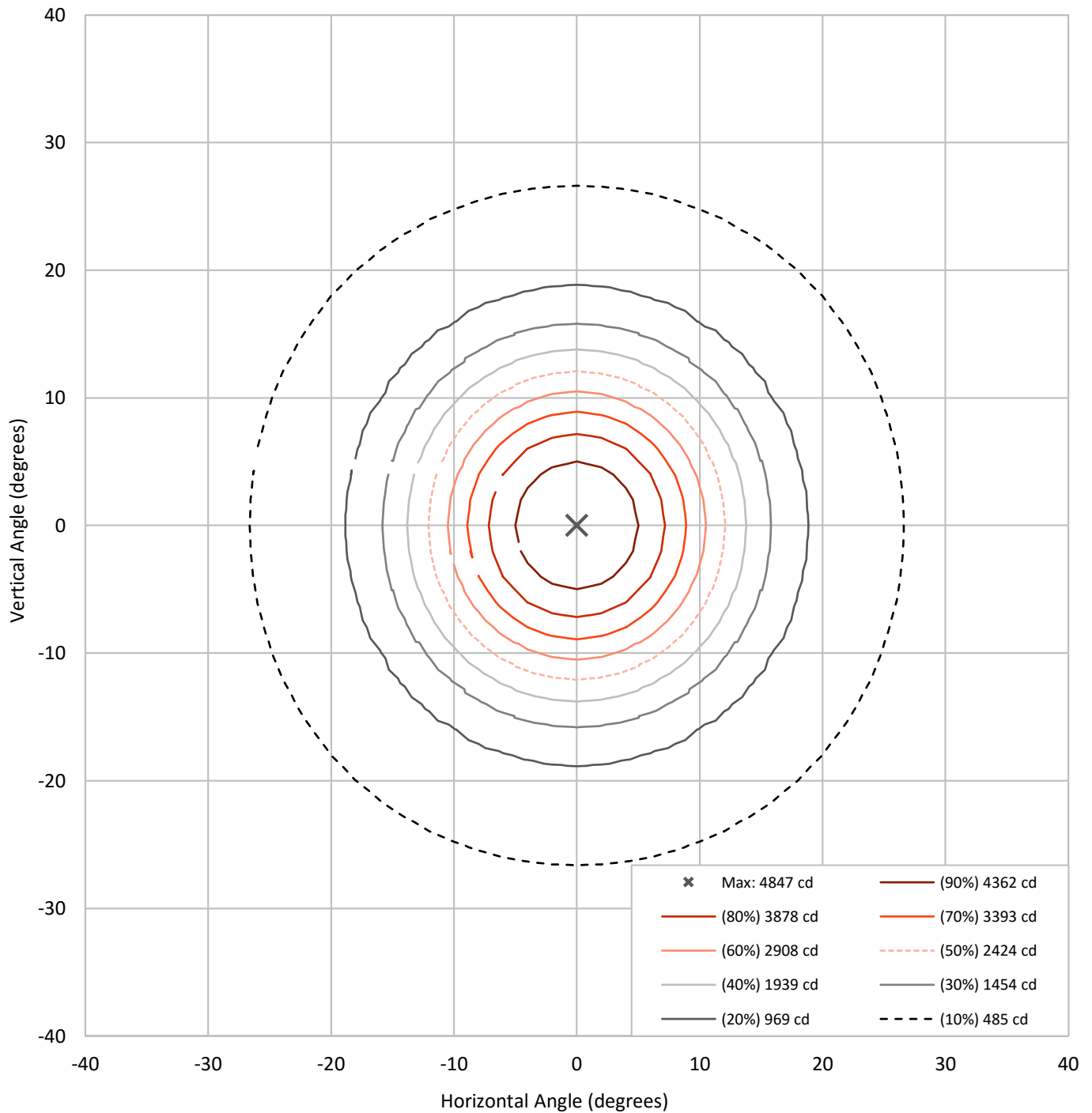
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1144.6 lumens	Max Intensity:	4847 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	500.4 lumens	Field Lumens:	1022.5 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





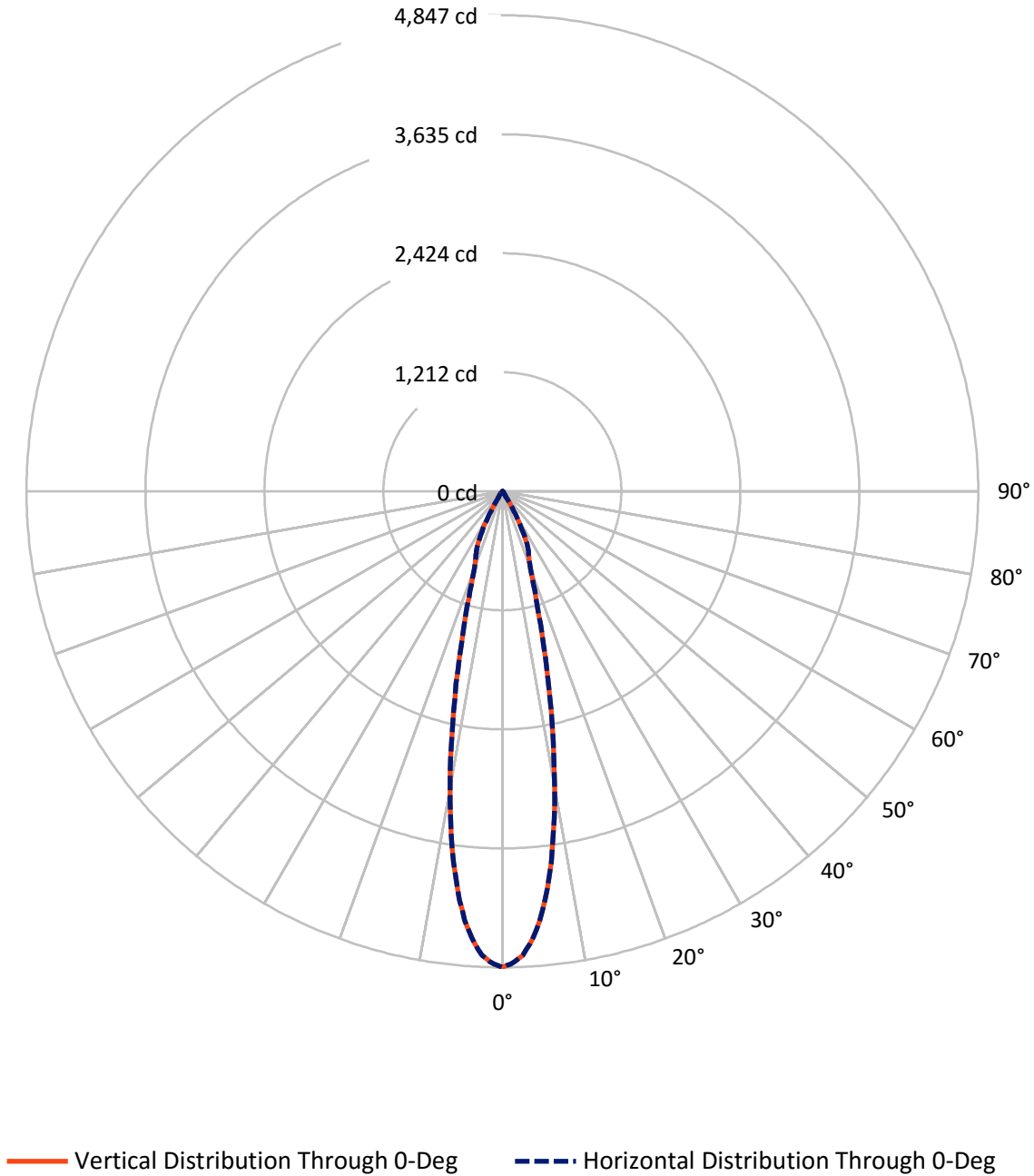
REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-BK-L2-UNV

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	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	0.0	
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0
40		0.0	0.1	0.1	0.2	0.4	1.0	1.9	1.9	1.0	0.4	0.2	0.1	0.1	0.0	
30	0.0	0.0	0.1	0.1	0.4	2.0	9.3	16.0	16.0	9.3	2.0	0.4	0.1	0.1	0.0	0.0
20		0.0	0.1	0.2	0.8	8.8	24.1	46.0	46.0	24.1	8.8	0.8	0.2	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.6	14.6	44.8	111.0	111.0	44.8	14.6	1.6	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.6	14.6	44.8	111.0	111.0	44.8	14.6	1.6	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.2	0.8	8.8	24.1	46.0	46.0	24.1	8.8	0.8	0.2	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.4	2.0	9.3	16.0	16.0	9.3	2.0	0.4	0.1	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.2	0.4	1.0	1.9	1.9	1.0	0.4	0.2	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0		0.0
-90	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	0.0	

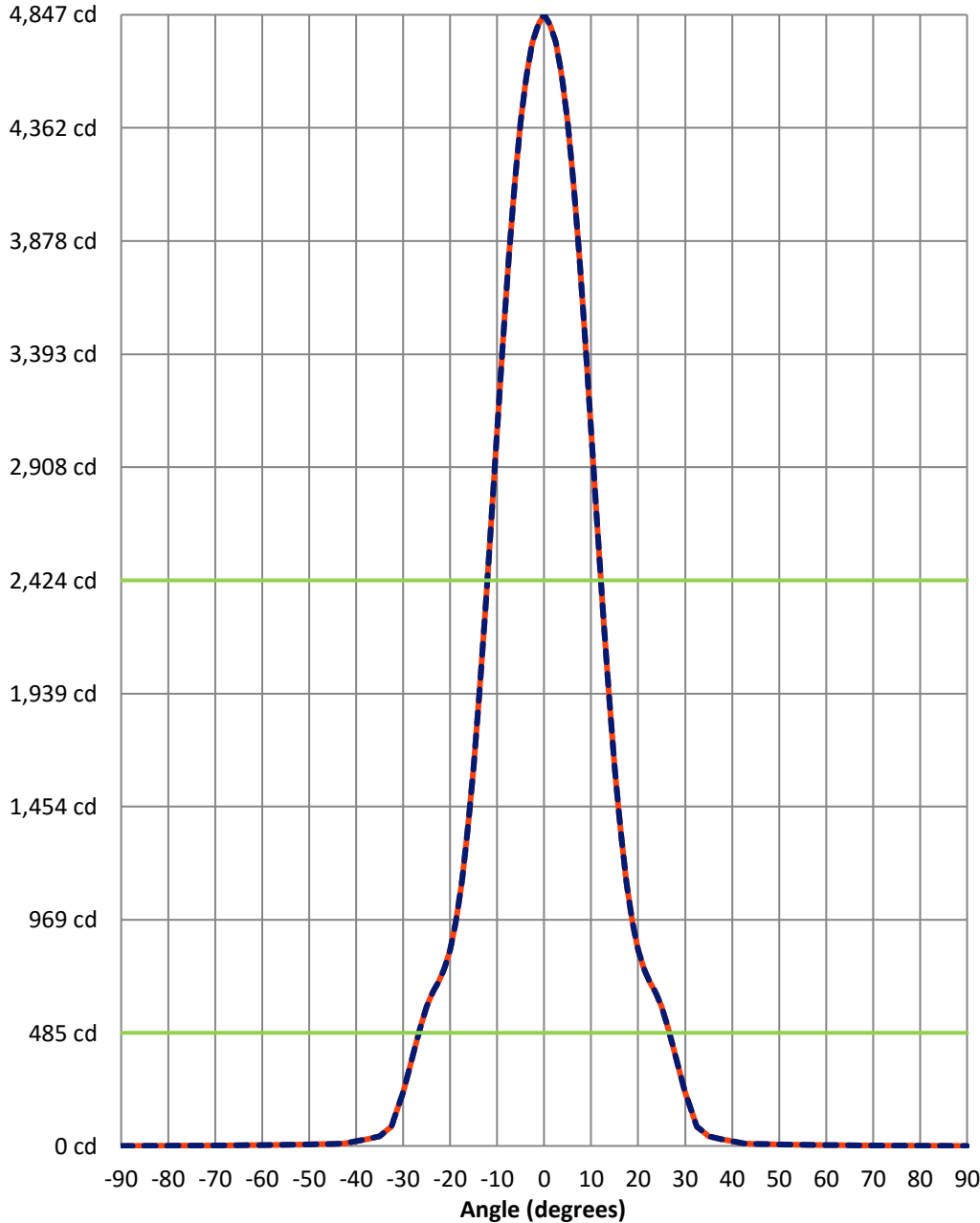
REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 24.2°
 Lumens: 500.4
 Efficiency: 43.7%

Field:
 H Angle: 53.3°
 V Angle: 53.3°
 Lumens: 1022.5
 Efficiency: 89.3%

Spill:
 Lumens: 122.1
 Efficiency: 10.7%

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



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	2
43.75°	1	1	1	1	1	1	1	1	1	1	2
42.5°	1	1	1	1	1	1	1	1	1	2	2
41.25°	1	1	1	1	1	1	1	1	1	2	2
40°	1	1	1	1	1	1	1	1	2	2	2
38.75°	1	1	1	1	1	1	1	1	2	2	2
37.5°	1	1	1	1	1	1	1	1	2	2	2
36.25°	1	1	1	1	1	1	1	2	2	2	2
35°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	1	1	1	2	2	2	2
32.5°	1	1	1	1	1	1	1	2	2	2	2
31.25°	1	1	1	1	1	1	2	2	2	2	2
30°	1	1	1	1	1	1	2	2	2	2	2
28.75°	1	1	1	1	1	1	2	2	2	2	2
27.5°	1	1	1	1	1	1	2	2	2	2	2
26.25°	1	1	1	1	1	2	2	2	2	2	2
25°	1	1	1	1	1	2	2	2	2	2	2
23.75°	1	1	1	1	1	2	2	2	2	2	2
22.5°	1	1	1	1	1	2	2	2	2	2	3
21.25°	1	1	1	1	1	2	2	2	2	2	3
20°	1	1	1	1	1	2	2	2	2	2	3
18.75°	1	1	1	1	1	2	2	2	2	2	3
17.5°	1	1	1	1	1	2	2	2	2	2	3
16.25°	1	1	1	1	2	2	2	2	2	3	3
15°	1	1	1	1	2	2	2	2	2	3	3
13.75°	1	1	1	1	2	2	2	2	2	3	3
12.5°	1	1	1	1	2	2	2	2	2	3	3
11.25°	1	1	1	1	2	2	2	2	2	3	3
10°	1	1	1	1	2	2	2	2	2	3	3
8.75°	1	1	1	1	2	2	2	2	2	3	3
7.5°	1	1	1	1	2	2	2	2	2	3	3
6.25°	1	1	1	1	2	2	2	2	2	3	3
5°	1	1	1	1	2	2	2	2	2	3	3
3.75°	1	1	1	1	2	2	2	2	2	3	3
2.5°	1	1	1	1	2	2	2	2	2	3	3
1.25°	1	1	1	1	2	2	2	2	2	3	3
0°	1	1	1	1	2	2	2	2	2	3	3
-1.25°	1	1	1	1	2	2	2	2	2	3	3
-2.5°	1	1	1	1	2	2	2	2	2	3	3
-3.75°	1	1	1	1	2	2	2	2	2	3	3
-5°	1	1	1	1	2	2	2	2	2	3	3
-6.25°	1	1	1	1	2	2	2	2	2	3	3
-7.5°	1	1	1	1	2	2	2	2	2	3	3
-8.75°	1	1	1	1	2	2	2	2	2	3	3
-10°	1	1	1	1	2	2	2	2	2	3	3
-11.25°	1	1	1	1	2	2	2	2	2	3	3
-12.5°	1	1	1	1	2	2	2	2	2	3	3
-13.75°	1	1	1	1	2	2	2	2	2	3	3
-15°	1	1	1	1	2	2	2	2	2	3	3
-16.25°	1	1	1	1	2	2	2	2	2	3	3
-17.5°	1	1	1	1	1	2	2	2	2	2	3
-18.75°	1	1	1	1	1	2	2	2	2	2	3
-20°	1	1	1	1	1	2	2	2	2	2	3
-21.25°	1	1	1	1	1	2	2	2	2	2	3



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	1	1	2	2	2	2	2	3
-23.75°	1	1	1	1	1	2	2	2	2	2	2
-25°	1	1	1	1	1	2	2	2	2	2	2
-26.25°	1	1	1	1	1	2	2	2	2	2	2
-27.5°	1	1	1	1	1	1	2	2	2	2	2
-28.75°	1	1	1	1	1	1	2	2	2	2	2
-30°	1	1	1	1	1	1	2	2	2	2	2
-31.25°	1	1	1	1	1	1	2	2	2	2	2
-32.5°	1	1	1	1	1	1	1	2	2	2	2
-33.75°	1	1	1	1	1	1	1	2	2	2	2
-35°	1	1	1	1	1	1	1	2	2	2	2
-36.25°	1	1	1	1	1	1	1	2	2	2	2
-37.5°	1	1	1	1	1	1	1	1	2	2	2
-38.75°	1	1	1	1	1	1	1	1	2	2	2
-40°	1	1	1	1	1	1	1	1	2	2	2
-41.25°	1	1	1	1	1	1	1	1	1	2	2
-42.5°	1	1	1	1	1	1	1	1	1	2	2
-43.75°	1	1	1	1	1	1	1	1	1	1	2
-45°	1	1	1	1	1	1	1	1	1	1	2
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	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	2
60°	1	1	1	1	1	1	1	1	1	2	2
58.75°	1	1	1	1	1	1	1	2	2	2	2
57.5°	1	1	1	1	1	1	2	2	2	2	2
56.25°	1	1	1	1	1	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	2
50°	1	2	2	2	2	2	2	2	2	2	3
48.75°	1	2	2	2	2	2	2	2	2	3	3
47.5°	2	2	2	2	2	2	2	2	3	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	4
42.5°	2	2	2	2	2	3	3	3	3	3	4
41.25°	2	2	2	2	2	3	3	3	3	4	4
40°	2	2	2	2	3	3	3	3	4	4	4
38.75°	2	2	2	2	3	3	3	3	4	4	4
37.5°	2	2	2	3	3	3	3	4	4	4	4
36.25°	2	2	2	3	3	3	4	4	4	4	4
35°	2	2	3	3	3	3	4	4	4	4	4



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	2	2	3	3	3	4	4	4	4	4	4
32.5°	2	3	3	3	3	4	4	4	4	4	4
31.25°	2	3	3	3	3	4	4	4	4	4	4
30°	2	3	3	3	4	4	4	4	4	4	5
28.75°	2	3	3	3	4	4	4	4	4	4	5
27.5°	3	3	3	3	4	4	4	4	4	5	5
26.25°	3	3	3	4	4	4	4	4	4	5	5
25°	3	3	3	4	4	4	4	4	4	5	5
23.75°	3	3	3	4	4	4	4	4	5	5	5
22.5°	3	3	4	4	4	4	4	4	5	5	5
21.25°	3	3	4	4	4	4	4	4	5	5	5
20°	3	3	4	4	4	4	4	5	5	5	6
18.75°	3	3	4	4	4	4	4	5	5	5	6
17.5°	3	3	4	4	4	4	4	5	5	5	6
16.25°	3	4	4	4	4	4	4	5	5	5	6
15°	3	4	4	4	4	4	5	5	5	6	6
13.75°	3	4	4	4	4	4	5	5	5	6	6
12.5°	3	4	4	4	4	4	5	5	5	6	6
11.25°	3	4	4	4	4	4	5	5	5	6	6
10°	3	4	4	4	4	4	5	5	5	6	6
8.75°	3	4	4	4	4	4	5	5	5	6	6
7.5°	3	4	4	4	4	4	5	5	5	6	6
6.25°	3	4	4	4	4	4	5	5	6	6	6
5°	3	4	4	4	4	5	5	5	6	6	6
3.75°	3	4	4	4	4	5	5	5	6	6	6
2.5°	3	4	4	4	4	5	5	5	6	6	6
1.25°	3	4	4	4	4	5	5	5	6	6	6
0°	4	4	4	4	4	5	5	5	6	6	6
-1.25°	3	4	4	4	4	5	5	5	6	6	6
-2.5°	3	4	4	4	4	5	5	5	6	6	6
-3.75°	3	4	4	4	4	5	5	5	6	6	6
-5°	3	4	4	4	4	5	5	5	6	6	6
-6.25°	3	4	4	4	4	4	5	5	6	6	6
-7.5°	3	4	4	4	4	4	5	5	5	6	6
-8.75°	3	4	4	4	4	4	5	5	5	6	6
-10°	3	4	4	4	4	4	5	5	5	6	6
-11.25°	3	4	4	4	4	4	5	5	5	6	6
-12.5°	3	4	4	4	4	4	5	5	5	6	6
-13.75°	3	4	4	4	4	4	5	5	5	6	6
-15°	3	4	4	4	4	4	5	5	5	6	6
-16.25°	3	4	4	4	4	4	4	5	5	5	6
-17.5°	3	3	4	4	4	4	4	5	5	5	6
-18.75°	3	3	4	4	4	4	4	5	5	5	6
-20°	3	3	4	4	4	4	4	5	5	5	6
-21.25°	3	3	4	4	4	4	4	4	5	5	5



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	3	3	4	4	4	4	4	4	5	5	5
-23.75°	3	3	3	4	4	4	4	4	5	5	5
-25°	3	3	3	4	4	4	4	4	4	5	5
-26.25°	3	3	3	4	4	4	4	4	4	5	5
-27.5°	3	3	3	3	4	4	4	4	4	5	5
-28.75°	2	3	3	3	4	4	4	4	4	4	5
-30°	2	3	3	3	4	4	4	4	4	4	5
-31.25°	2	3	3	3	3	4	4	4	4	4	4
-32.5°	2	3	3	3	3	4	4	4	4	4	4
-33.75°	2	2	3	3	3	4	4	4	4	4	4
-35°	2	2	3	3	3	3	4	4	4	4	4
-36.25°	2	2	2	3	3	3	4	4	4	4	4
-37.5°	2	2	2	3	3	3	3	4	4	4	4
-38.75°	2	2	2	2	3	3	3	3	4	4	4
-40°	2	2	2	2	3	3	3	3	4	4	4
-41.25°	2	2	2	2	2	3	3	3	3	4	4
-42.5°	2	2	2	2	2	3	3	3	3	3	4
-43.75°	2	2	2	2	2	2	3	3	3	3	4
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	2	2	2	2	2	2	2	2	3	3	3
-48.75°	1	2	2	2	2	2	2	2	2	3	3
-50°	1	2	2	2	2	2	2	2	2	2	3
-51.25°	1	1	2	2	2	2	2	2	2	2	2
-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	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-58.75°	1	1	1	1	1	1	1	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	2
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	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	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	2	2	2	2	2	2
63.75°	1	1	1	2	2	2	2	2	2	2	2
62.5°	1	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	2	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	4
53.75°	2	2	3	3	3	3	3	3	3	4	4
52.5°	2	3	3	3	3	3	3	4	4	4	4
51.25°	3	3	3	3	3	3	4	4	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	4
48.75°	3	3	3	4	4	4	4	4	4	4	4
47.5°	3	3	4	4	4	4	4	4	4	4	4
46.25°	3	4	4	4	4	4	4	4	4	4	5
45°	4	4	4	4	4	4	4	4	4	5	5
43.75°	4	4	4	4	4	4	4	5	5	5	5
42.5°	4	4	4	4	4	4	5	5	5	5	5
41.25°	4	4	4	4	4	5	5	5	5	5	6
40°	4	4	4	4	5	5	5	5	5	6	6
38.75°	4	4	4	4	5	5	5	5	6	6	6
37.5°	4	4	4	5	5	5	5	6	6	6	6
36.25°	4	4	5	5	5	5	6	6	6	6	7
35°	4	5	5	5	5	6	6	6	6	7	7



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	4	5	5	5	5	6	6	6	7	7	8
32.5°	5	5	5	5	6	6	6	7	7	8	8
31.25°	5	5	5	6	6	6	6	7	7	8	8
30°	5	5	5	6	6	6	7	7	8	8	8
28.75°	5	5	6	6	6	7	7	8	8	8	8
27.5°	5	5	6	6	6	7	7	8	8	8	9
26.25°	5	6	6	6	7	7	8	8	8	9	10
25°	5	6	6	6	7	7	8	8	8	9	10
23.75°	5	6	6	7	7	8	8	8	9	10	11
22.5°	6	6	6	7	7	8	8	9	9	10	13
21.25°	6	6	6	7	8	8	8	9	10	11	15
20°	6	6	7	7	8	8	8	9	10	13	18
18.75°	6	6	7	8	8	8	9	10	11	15	20
17.5°	6	6	7	8	8	8	9	10	13	17	22
16.25°	6	7	7	8	8	9	10	10	14	19	23
15°	6	7	7	8	8	9	10	11	16	21	25
13.75°	6	7	8	8	8	9	10	13	18	22	26
12.5°	6	7	8	8	8	9	10	14	19	23	28
11.25°	7	7	8	8	9	10	11	15	20	24	29
10°	7	7	8	8	9	10	12	16	21	26	30
8.75°	7	7	8	8	9	10	13	17	22	26	31
7.5°	7	8	8	8	9	10	13	18	23	27	32
6.25°	7	8	8	8	9	10	14	19	24	28	33
5°	7	8	8	8	9	10	15	19	24	29	34
3.75°	7	8	8	8	9	10	15	20	24	29	35
2.5°	7	8	8	8	10	11	15	20	25	29	35
1.25°	7	8	8	8	10	11	15	20	25	30	36
0°	7	8	8	9	10	11	16	21	25	30	36
-1.25°	7	8	8	8	10	11	15	20	25	30	36
-2.5°	7	8	8	8	10	11	15	20	25	29	35
-3.75°	7	8	8	8	9	10	15	20	24	29	35
-5°	7	8	8	8	9	10	15	19	24	29	34
-6.25°	7	8	8	8	9	10	14	19	24	28	33
-7.5°	7	8	8	8	9	10	13	18	23	27	32
-8.75°	7	7	8	8	9	10	13	17	22	26	31
-10°	7	7	8	8	9	10	12	16	21	26	30
-11.25°	7	7	8	8	9	10	11	15	20	24	29
-12.5°	6	7	8	8	8	9	10	14	19	23	28
-13.75°	6	7	8	8	8	9	10	13	18	22	26
-15°	6	7	7	8	8	9	10	11	16	21	25
-16.25°	6	7	7	8	8	9	10	10	14	19	23
-17.5°	6	6	7	8	8	8	9	10	13	17	22
-18.75°	6	6	7	8	8	8	9	10	11	15	20
-20°	6	6	7	7	8	8	8	9	10	13	18
-21.25°	6	6	6	7	8	8	8	9	10	11	15



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	6	6	6	7	7	8	8	9	9	10	13
-23.75°	5	6	6	7	7	8	8	8	9	10	11
-25°	5	6	6	6	7	7	8	8	8	9	10
-26.25°	5	6	6	6	7	7	8	8	8	9	10
-27.5°	5	5	6	6	6	7	7	8	8	8	9
-28.75°	5	5	6	6	6	7	7	8	8	8	8
-30°	5	5	5	6	6	6	7	7	8	8	8
-31.25°	5	5	5	6	6	6	6	7	7	8	8
-32.5°	5	5	5	5	6	6	6	7	7	8	8
-33.75°	4	5	5	5	5	6	6	6	7	7	8
-35°	4	5	5	5	5	6	6	6	6	7	7
-36.25°	4	4	5	5	5	5	6	6	6	6	7
-37.5°	4	4	4	5	5	5	5	6	6	6	6
-38.75°	4	4	4	4	5	5	5	5	6	6	6
-40°	4	4	4	4	5	5	5	5	5	6	6
-41.25°	4	4	4	4	4	5	5	5	5	5	6
-42.5°	4	4	4	4	4	4	5	5	5	5	5
-43.75°	4	4	4	4	4	4	4	5	5	5	5
-45°	4	4	4	4	4	4	4	4	4	5	5
-46.25°	3	4	4	4	4	4	4	4	4	4	5
-47.5°	3	3	4	4	4	4	4	4	4	4	4
-48.75°	3	3	3	4	4	4	4	4	4	4	4
-50°	3	3	3	3	4	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	4	4	4	4	4
-52.5°	2	3	3	3	3	3	3	4	4	4	4
-53.75°	2	2	3	3	3	3	3	3	3	4	4
-55°	2	2	2	2	3	3	3	3	3	3	4
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	2	2	2	2	2	2	2	2
-65°	1	1	1	1	1	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	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	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	4	4	4	4
57.5°	3	3	3	3	4	4	4	4	4	4	4
56.25°	3	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	5	5
51.25°	4	4	4	4	4	4	5	5	5	5	5
50°	4	4	4	4	5	5	5	5	5	5	5
48.75°	4	4	5	5	5	5	5	5	5	5	6
47.5°	5	5	5	5	5	5	5	6	6	6	6
46.25°	5	5	5	5	5	6	6	6	6	6	6
45°	5	5	5	6	6	6	6	6	6	7	7
43.75°	5	5	6	6	6	6	6	7	7	7	7
42.5°	6	6	6	6	6	7	7	7	7	8	8
41.25°	6	6	6	6	7	7	7	8	8	8	8
40°	6	6	7	7	7	8	8	8	8	8	9
38.75°	6	7	7	7	8	8	8	8	8	9	9
37.5°	7	7	8	8	8	8	8	9	9	10	10
36.25°	7	8	8	8	8	8	9	10	10	11	13
35°	8	8	8	8	9	9	10	10	12	15	17



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	8	8	8	9	9	10	11	13	16	19	21
32.5°	8	8	9	9	10	11	14	17	20	22	25
31.25°	8	9	9	10	12	15	18	21	23	26	28
30°	9	9	10	12	15	18	21	24	27	29	33
28.75°	9	10	11	15	18	21	24	27	30	34	37
27.5°	10	11	14	18	21	24	27	31	34	38	42
26.25°	10	13	17	21	24	27	31	35	39	45	58
25°	12	16	20	23	27	30	34	39	45	59	73
23.75°	15	19	22	26	29	34	38	45	59	73	97
22.5°	17	21	25	28	33	37	42	58	73	97	148
21.25°	20	23	27	31	36	41	54	70	91	145	197
20°	22	26	29	34	39	49	66	82	136	191	248
18.75°	24	28	32	37	43	60	77	120	178	236	307
17.5°	26	29	35	40	53	71	99	160	219	290	365
16.25°	27	32	37	44	62	80	135	197	265	343	421
15°	29	34	39	53	71	105	169	233	312	393	473
13.75°	31	36	42	61	79	135	200	275	357	441	519
12.5°	33	38	49	68	97	163	230	314	400	484	559
11.25°	34	40	55	75	121	189	264	351	439	522	595
10°	36	41	61	81	143	213	295	385	474	554	621
8.75°	37	46	66	93	163	234	324	415	504	582	645
7.5°	38	50	71	110	181	258	349	442	530	605	660
6.25°	39	54	74	124	196	278	371	465	550	622	673
5°	40	57	78	136	208	294	388	483	567	636	683
3.75°	41	59	80	145	218	307	403	496	580	647	691
2.5°	41	61	82	151	225	317	413	506	589	653	697
1.25°	42	62	83	155	229	322	419	512	595	656	701
0°	42	62	83	157	230	324	421	514	596	657	702
-1.25°	42	62	83	155	229	322	419	512	595	656	701
-2.5°	41	61	82	151	225	317	413	506	589	653	697
-3.75°	41	59	80	145	218	307	403	496	580	647	691
-5°	40	57	78	136	208	294	388	483	567	636	683
-6.25°	39	54	74	124	196	278	371	465	550	622	673
-7.5°	38	50	71	110	181	258	349	442	530	605	660
-8.75°	37	46	66	93	163	234	324	415	504	582	645
-10°	36	41	61	81	143	213	295	385	474	554	621
-11.25°	34	40	55	75	121	189	264	351	439	522	595
-12.5°	33	38	49	68	97	163	230	314	400	484	559
-13.75°	31	36	42	61	79	135	200	275	357	441	519
-15°	29	34	39	53	71	105	169	233	312	393	473
-16.25°	27	32	37	44	62	80	135	197	265	343	421
-17.5°	26	29	35	40	53	71	99	160	219	290	365
-18.75°	24	28	32	37	43	60	77	120	178	236	307
-20°	22	26	29	34	39	49	66	82	136	191	248
-21.25°	20	23	27	31	36	41	54	70	91	145	197



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	17	21	25	28	33	37	42	58	73	97	148
-23.75°	15	19	22	26	29	34	38	45	59	73	97
-25°	12	16	20	23	27	30	34	39	45	59	73
-26.25°	10	13	17	21	24	27	31	35	39	45	58
-27.5°	10	11	14	18	21	24	27	31	34	38	42
-28.75°	9	10	11	15	18	21	24	27	30	34	37
-30°	9	9	10	12	15	18	21	24	27	29	33
-31.25°	8	9	9	10	12	15	18	21	23	26	28
-32.5°	8	8	9	9	10	11	14	17	20	22	25
-33.75°	8	8	8	9	9	10	11	13	16	19	21
-35°	8	8	8	8	9	9	10	10	12	15	17
-36.25°	7	8	8	8	8	8	9	10	10	11	13
-37.5°	7	7	8	8	8	8	8	9	9	10	10
-38.75°	6	7	7	7	8	8	8	8	8	9	9
-40°	6	6	7	7	7	8	8	8	8	8	9
-41.25°	6	6	6	6	7	7	7	8	8	8	8
-42.5°	6	6	6	6	6	7	7	7	7	8	8
-43.75°	5	5	6	6	6	6	6	7	7	7	7
-45°	5	5	5	6	6	6	6	6	6	7	7
-46.25°	5	5	5	5	5	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	6	6	6	6
-48.75°	4	4	5	5	5	5	5	5	5	5	6
-50°	4	4	4	4	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	5	5	5	5	5
-52.5°	4	4	4	4	4	4	4	4	4	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	2	2	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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	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	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	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	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	3	3
61.25°	3	3	3	3	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	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	4	4
55°	4	4	4	4	4	5	5	5	5	5	5
53.75°	4	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	6	6	6	6	6	6
50°	5	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	7	7	7
47.5°	6	6	6	6	7	7	7	7	7	7	7
46.25°	6	7	7	7	7	7	8	8	8	8	8
45°	7	7	8	8	8	8	8	8	8	8	8
43.75°	8	8	8	8	8	8	8	8	9	9	9
42.5°	8	8	8	8	9	9	9	9	10	10	10
41.25°	8	8	9	9	10	10	10	10	11	12	13
40°	9	9	10	10	10	11	13	14	15	16	17
38.75°	10	10	11	13	14	16	18	19	20	21	22
37.5°	11	13	15	17	19	21	22	23	24	26	26
36.25°	15	18	20	22	23	25	26	28	29	30	31
35°	20	22	24	26	27	29	31	33	34	36	37



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	23	26	28	29	32	34	36	38	40	41	46
32.5°	27	29	32	35	37	39	42	49	55	61	66
31.25°	31	34	37	40	44	53	61	68	75	81	93
30°	36	39	43	53	62	71	79	97	121	143	163
28.75°	41	49	60	71	80	105	135	163	189	213	234
27.5°	54	66	77	99	135	169	200	230	264	295	324
26.25°	70	82	120	160	197	233	275	314	351	385	415
25°	91	136	178	219	265	312	357	400	439	474	504
23.75°	145	191	236	290	343	393	441	484	522	554	582
22.5°	197	248	307	365	421	473	519	559	595	621	645
21.25°	253	316	378	439	495	544	588	622	651	670	687
20°	316	383	449	508	561	606	642	668	690	710	732
18.75°	378	449	512	569	616	654	680	705	732	762	797
17.5°	439	508	569	619	659	688	716	751	791	835	886
16.25°	495	561	616	659	690	721	762	813	870	932	1006
15°	544	606	654	688	721	766	824	893	973	1061	1161
13.75°	588	642	680	716	762	824	900	994	1102	1220	1356
12.5°	622	668	705	751	813	893	994	1116	1257	1415	1577
11.25°	651	690	732	791	870	973	1102	1257	1437	1623	1823
10°	670	710	762	835	932	1061	1220	1415	1623	1851	2080
8.75°	687	732	797	886	1006	1161	1356	1577	1823	2080	2341
7.5°	703	755	831	933	1078	1262	1487	1740	2016	2304	2597
6.25°	716	777	866	988	1151	1362	1608	1891	2194	2513	2834
5°	730	799	897	1033	1213	1451	1723	2028	2357	2700	3044
3.75°	742	817	922	1073	1275	1526	1817	2139	2490	2854	3216
2.5°	751	830	943	1106	1320	1581	1886	2225	2592	2970	3346
1.25°	756	838	958	1126	1348	1614	1931	2279	2654	3041	3424
0°	758	841	963	1132	1357	1625	1946	2297	2675	3066	3451
-1.25°	756	838	958	1126	1348	1614	1931	2279	2654	3041	3424
-2.5°	751	830	943	1106	1320	1581	1886	2225	2592	2970	3346
-3.75°	742	817	922	1073	1275	1526	1817	2139	2490	2854	3216
-5°	730	799	897	1033	1213	1451	1723	2028	2357	2700	3044
-6.25°	716	777	866	988	1151	1362	1608	1891	2194	2513	2834
-7.5°	703	755	831	933	1078	1262	1487	1740	2016	2304	2597
-8.75°	687	732	797	886	1006	1161	1356	1577	1823	2080	2341
-10°	670	710	762	835	932	1061	1220	1415	1623	1851	2080
-11.25°	651	690	732	791	870	973	1102	1257	1437	1623	1823
-12.5°	622	668	705	751	813	893	994	1116	1257	1415	1577
-13.75°	588	642	680	716	762	824	900	994	1102	1220	1356
-15°	544	606	654	688	721	766	824	893	973	1061	1161
-16.25°	495	561	616	659	690	721	762	813	870	932	1006
-17.5°	439	508	569	619	659	688	716	751	791	835	886
-18.75°	378	449	512	569	616	654	680	705	732	762	797
-20°	316	383	449	508	561	606	642	668	690	710	732
-21.25°	253	316	378	439	495	544	588	622	651	670	687



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	197	248	307	365	421	473	519	559	595	621	645
-23.75°	145	191	236	290	343	393	441	484	522	554	582
-25°	91	136	178	219	265	312	357	400	439	474	504
-26.25°	70	82	120	160	197	233	275	314	351	385	415
-27.5°	54	66	77	99	135	169	200	230	264	295	324
-28.75°	41	49	60	71	80	105	135	163	189	213	234
-30°	36	39	43	53	62	71	79	97	121	143	163
-31.25°	31	34	37	40	44	53	61	68	75	81	93
-32.5°	27	29	32	35	37	39	42	49	55	61	66
-33.75°	23	26	28	29	32	34	36	38	40	41	46
-35°	20	22	24	26	27	29	31	33	34	36	37
-36.25°	15	18	20	22	23	25	26	28	29	30	31
-37.5°	11	13	15	17	19	21	22	23	24	26	26
-38.75°	10	10	11	13	14	16	18	19	20	21	22
-40°	9	9	10	10	10	11	13	14	15	16	17
-41.25°	8	8	9	9	10	10	10	10	11	12	13
-42.5°	8	8	8	8	9	9	9	9	10	10	10
-43.75°	8	8	8	8	8	8	8	8	9	9	9
-45°	7	7	8	8	8	8	8	8	8	8	8
-46.25°	6	7	7	7	7	7	8	8	8	8	8
-47.5°	6	6	6	6	6	6	7	7	7	7	7
-48.75°	6	6	6	6	6	6	6	6	7	7	7
-50°	5	6	6	6	6	6	6	6	6	6	6
-51.25°	5	5	5	5	5	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	3	3	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	2	2	2	2	2	2	2
-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	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	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	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°	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	4	3	3	3	3
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	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	7	7	7	7	7	7	7	7	7	7	7
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	8	8	8	8	8	8	8	8	8	8	8
45°	8	8	8	8	8	8	9	8	8	8	8
43.75°	9	9	9	9	10	10	10	10	10	9	9
42.5°	10	10	10	10	11	11	11	11	11	10	10
41.25°	13	14	15	15	15	15	16	15	15	15	15
40°	18	19	19	20	20	20	21	20	20	20	19
38.75°	23	24	24	24	25	25	25	25	25	24	24
37.5°	27	28	29	29	29	30	30	30	29	29	29
36.25°	32	33	34	35	35	36	36	36	35	35	34
35°	38	39	40	41	41	42	42	42	41	41	40



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	50	54	57	59	61	62	62	62	61	59	57
32.5°	71	74	78	80	82	83	83	83	82	80	78
31.25°	110	124	136	145	151	155	157	155	151	145	136
30°	181	196	208	218	225	229	230	229	225	218	208
28.75°	258	278	294	307	317	322	324	322	317	307	294
27.5°	349	371	388	403	413	419	421	419	413	403	388
26.25°	442	465	483	496	506	512	514	512	506	496	483
25°	530	550	567	580	589	595	596	595	589	580	567
23.75°	605	622	636	647	653	656	657	656	653	647	636
22.5°	660	673	683	691	697	701	702	701	697	691	683
21.25°	703	716	730	742	751	756	758	756	751	742	730
20°	755	777	799	817	830	838	841	838	830	817	799
18.75°	831	866	897	922	943	958	963	958	943	922	897
17.5°	933	988	1033	1073	1106	1126	1132	1126	1106	1073	1033
16.25°	1078	1151	1213	1275	1320	1348	1357	1348	1320	1275	1213
15°	1262	1362	1451	1526	1581	1614	1625	1614	1581	1526	1451
13.75°	1487	1608	1723	1817	1886	1931	1946	1931	1886	1817	1723
12.5°	1740	1891	2028	2139	2225	2279	2297	2279	2225	2139	2028
11.25°	2016	2194	2357	2490	2592	2654	2675	2654	2592	2490	2357
10°	2304	2513	2700	2854	2970	3041	3066	3041	2970	2854	2700
8.75°	2597	2834	3044	3216	3346	3424	3451	3424	3346	3216	3044
7.5°	2880	3143	3374	3561	3701	3783	3811	3783	3701	3561	3374
6.25°	3143	3427	3675	3869	4012	4097	4126	4097	4012	3869	3675
5°	3374	3675	3929	4127	4269	4357	4388	4357	4269	4127	3929
3.75°	3561	3869	4127	4327	4470	4560	4588	4560	4470	4327	4127
2.5°	3701	4012	4269	4470	4616	4704	4728	4704	4616	4470	4269
1.25°	3783	4097	4357	4560	4704	4779	4805	4779	4704	4560	4357
0°	3811	4126	4388	4588	4728	4805	4847	4805	4728	4588	4388
-1.25°	3783	4097	4357	4560	4704	4779	4805	4779	4704	4560	4357
-2.5°	3701	4012	4269	4470	4616	4704	4728	4704	4616	4470	4269
-3.75°	3561	3869	4127	4327	4470	4560	4588	4560	4470	4327	4127
-5°	3374	3675	3929	4127	4269	4357	4388	4357	4269	4127	3929
-6.25°	3143	3427	3675	3869	4012	4097	4126	4097	4012	3869	3675
-7.5°	2880	3143	3374	3561	3701	3783	3811	3783	3701	3561	3374
-8.75°	2597	2834	3044	3216	3346	3424	3451	3424	3346	3216	3044
-10°	2304	2513	2700	2854	2970	3041	3066	3041	2970	2854	2700
-11.25°	2016	2194	2357	2490	2592	2654	2675	2654	2592	2490	2357
-12.5°	1740	1891	2028	2139	2225	2279	2297	2279	2225	2139	2028
-13.75°	1487	1608	1723	1817	1886	1931	1946	1931	1886	1817	1723
-15°	1262	1362	1451	1526	1581	1614	1625	1614	1581	1526	1451
-16.25°	1078	1151	1213	1275	1320	1348	1357	1348	1320	1275	1213
-17.5°	933	988	1033	1073	1106	1126	1132	1126	1106	1073	1033
-18.75°	831	866	897	922	943	958	963	958	943	922	897
-20°	755	777	799	817	830	838	841	838	830	817	799
-21.25°	703	716	730	742	751	756	758	756	751	742	730



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	660	673	683	691	697	701	702	701	697	691	683
-23.75°	605	622	636	647	653	656	657	656	653	647	636
-25°	530	550	567	580	589	595	596	595	589	580	567
-26.25°	442	465	483	496	506	512	514	512	506	496	483
-27.5°	349	371	388	403	413	419	421	419	413	403	388
-28.75°	258	278	294	307	317	322	324	322	317	307	294
-30°	181	196	208	218	225	229	230	229	225	218	208
-31.25°	110	124	136	145	151	155	157	155	151	145	136
-32.5°	71	74	78	80	82	83	83	83	82	80	78
-33.75°	50	54	57	59	61	62	62	62	61	59	57
-35°	38	39	40	41	41	42	42	42	41	41	40
-36.25°	32	33	34	35	35	36	36	36	35	35	34
-37.5°	27	28	29	29	29	30	30	30	29	29	29
-38.75°	23	24	24	24	25	25	25	25	25	24	24
-40°	18	19	19	20	20	20	21	20	20	20	19
-41.25°	13	14	15	15	15	15	16	15	15	15	15
-42.5°	10	10	10	10	11	11	11	11	11	10	10
-43.75°	9	9	9	9	10	10	10	10	10	9	9
-45°	8	8	8	8	8	8	9	8	8	8	8
-46.25°	8	8	8	8	8	8	8	8	8	8	8
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	7	7	7	7	7	7	7	7	7	7	7
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	5	5	5	5	5	5	5	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°	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°	3	3	3	3	3	3	4	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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	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	2	2	2	2	2	2	2	2	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	3	3
60°	4	4	4	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	4	4
55°	5	5	5	5	5	5	5	5	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	6	5	5	5	5	5	5	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	5	5	5
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	7	7	7	7	7	6	6	6	6	6	6
47.5°	8	8	7	7	7	7	7	7	7	6	6
46.25°	8	8	8	8	8	8	8	7	7	7	7
45°	8	8	8	8	8	8	8	8	8	8	8
43.75°	9	9	9	9	9	8	8	8	8	8	8
42.5°	10	10	10	10	10	9	9	9	9	8	8
41.25°	14	13	13	12	11	10	10	10	10	9	9
40°	19	18	17	16	15	14	13	11	10	10	10
38.75°	24	23	22	21	20	19	18	16	14	13	11
37.5°	28	27	26	26	24	23	22	21	19	17	15
36.25°	33	32	31	30	29	28	26	25	23	22	20
35°	39	38	37	36	34	33	31	29	27	26	24



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	54	50	46	41	40	38	36	34	32	29	28
32.5°	74	71	66	61	55	49	42	39	37	35	32
31.25°	124	110	93	81	75	68	61	53	44	40	37
30°	196	181	163	143	121	97	79	71	62	53	43
28.75°	278	258	234	213	189	163	135	105	80	71	60
27.5°	371	349	324	295	264	230	200	169	135	99	77
26.25°	465	442	415	385	351	314	275	233	197	160	120
25°	550	530	504	474	439	400	357	312	265	219	178
23.75°	622	605	582	554	522	484	441	393	343	290	236
22.5°	673	660	645	621	595	559	519	473	421	365	307
21.25°	716	703	687	670	651	622	588	544	495	439	378
20°	777	755	732	710	690	668	642	606	561	508	449
18.75°	866	831	797	762	732	705	680	654	616	569	512
17.5°	988	933	886	835	791	751	716	688	659	619	569
16.25°	1151	1078	1006	932	870	813	762	721	690	659	616
15°	1362	1262	1161	1061	973	893	824	766	721	688	654
13.75°	1608	1487	1356	1220	1102	994	900	824	762	716	680
12.5°	1891	1740	1577	1415	1257	1116	994	893	813	751	705
11.25°	2194	2016	1823	1623	1437	1257	1102	973	870	791	732
10°	2513	2304	2080	1851	1623	1415	1220	1061	932	835	762
8.75°	2834	2597	2341	2080	1823	1577	1356	1161	1006	886	797
7.5°	3143	2880	2597	2304	2016	1740	1487	1262	1078	933	831
6.25°	3427	3143	2834	2513	2194	1891	1608	1362	1151	988	866
5°	3675	3374	3044	2700	2357	2028	1723	1451	1213	1033	897
3.75°	3869	3561	3216	2854	2490	2139	1817	1526	1275	1073	922
2.5°	4012	3701	3346	2970	2592	2225	1886	1581	1320	1106	943
1.25°	4097	3783	3424	3041	2654	2279	1931	1614	1348	1126	958
0°	4126	3811	3451	3066	2675	2297	1946	1625	1357	1132	963
-1.25°	4097	3783	3424	3041	2654	2279	1931	1614	1348	1126	958
-2.5°	4012	3701	3346	2970	2592	2225	1886	1581	1320	1106	943
-3.75°	3869	3561	3216	2854	2490	2139	1817	1526	1275	1073	922
-5°	3675	3374	3044	2700	2357	2028	1723	1451	1213	1033	897
-6.25°	3427	3143	2834	2513	2194	1891	1608	1362	1151	988	866
-7.5°	3143	2880	2597	2304	2016	1740	1487	1262	1078	933	831
-8.75°	2834	2597	2341	2080	1823	1577	1356	1161	1006	886	797
-10°	2513	2304	2080	1851	1623	1415	1220	1061	932	835	762
-11.25°	2194	2016	1823	1623	1437	1257	1102	973	870	791	732
-12.5°	1891	1740	1577	1415	1257	1116	994	893	813	751	705
-13.75°	1608	1487	1356	1220	1102	994	900	824	762	716	680
-15°	1362	1262	1161	1061	973	893	824	766	721	688	654
-16.25°	1151	1078	1006	932	870	813	762	721	690	659	616
-17.5°	988	933	886	835	791	751	716	688	659	619	569
-18.75°	866	831	797	762	732	705	680	654	616	569	512
-20°	777	755	732	710	690	668	642	606	561	508	449
-21.25°	716	703	687	670	651	622	588	544	495	439	378



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	673	660	645	621	595	559	519	473	421	365	307
-23.75°	622	605	582	554	522	484	441	393	343	290	236
-25°	550	530	504	474	439	400	357	312	265	219	178
-26.25°	465	442	415	385	351	314	275	233	197	160	120
-27.5°	371	349	324	295	264	230	200	169	135	99	77
-28.75°	278	258	234	213	189	163	135	105	80	71	60
-30°	196	181	163	143	121	97	79	71	62	53	43
-31.25°	124	110	93	81	75	68	61	53	44	40	37
-32.5°	74	71	66	61	55	49	42	39	37	35	32
-33.75°	54	50	46	41	40	38	36	34	32	29	28
-35°	39	38	37	36	34	33	31	29	27	26	24
-36.25°	33	32	31	30	29	28	26	25	23	22	20
-37.5°	28	27	26	26	24	23	22	21	19	17	15
-38.75°	24	23	22	21	20	19	18	16	14	13	11
-40°	19	18	17	16	15	14	13	11	10	10	10
-41.25°	14	13	13	12	11	10	10	10	10	9	9
-42.5°	10	10	10	10	10	9	9	9	9	8	8
-43.75°	9	9	9	9	9	8	8	8	8	8	8
-45°	8	8	8	8	8	8	8	8	8	8	8
-46.25°	8	8	8	8	8	8	8	7	7	7	7
-47.5°	8	8	7	7	7	7	7	7	7	6	6
-48.75°	7	7	7	7	7	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	5	5	5
-52.5°	6	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	3	3
-62.5°	3	3	3	3	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	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	4	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	5	4	4	4	4
50°	6	5	5	5	5	5	5	5	5	4	4
48.75°	6	6	6	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	6	5	5	5	5	5
46.25°	7	6	6	6	6	6	6	6	5	5	5
45°	7	7	7	7	6	6	6	6	6	6	5
43.75°	8	8	7	7	7	7	6	6	6	6	6
42.5°	8	8	8	8	7	7	7	7	6	6	6
41.25°	8	8	8	8	8	8	7	7	7	6	6
40°	9	9	9	8	8	8	8	8	7	7	7
38.75°	10	10	9	9	8	8	8	8	8	7	7
37.5°	13	11	10	10	9	9	8	8	8	8	8
36.25°	18	15	13	11	10	10	9	8	8	8	8
35°	22	20	17	15	12	10	10	9	9	8	8



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	26	23	21	19	16	13	11	10	9	9	8
32.5°	29	27	25	22	20	17	14	11	10	9	9
31.25°	34	31	28	26	23	21	18	15	12	10	9
30°	39	36	33	29	27	24	21	18	15	12	10
28.75°	49	41	37	34	30	27	24	21	18	15	11
27.5°	66	54	42	38	34	31	27	24	21	18	14
26.25°	82	70	58	45	39	35	31	27	24	21	17
25°	136	91	73	59	45	39	34	30	27	23	20
23.75°	191	145	97	73	59	45	38	34	29	26	22
22.5°	248	197	148	97	73	58	42	37	33	28	25
21.25°	316	253	197	145	91	70	54	41	36	31	27
20°	383	316	248	191	136	82	66	49	39	34	29
18.75°	449	378	307	236	178	120	77	60	43	37	32
17.5°	508	439	365	290	219	160	99	71	53	40	35
16.25°	561	495	421	343	265	197	135	80	62	44	37
15°	606	544	473	393	312	233	169	105	71	53	39
13.75°	642	588	519	441	357	275	200	135	79	61	42
12.5°	668	622	559	484	400	314	230	163	97	68	49
11.25°	690	651	595	522	439	351	264	189	121	75	55
10°	710	670	621	554	474	385	295	213	143	81	61
8.75°	732	687	645	582	504	415	324	234	163	93	66
7.5°	755	703	660	605	530	442	349	258	181	110	71
6.25°	777	716	673	622	550	465	371	278	196	124	74
5°	799	730	683	636	567	483	388	294	208	136	78
3.75°	817	742	691	647	580	496	403	307	218	145	80
2.5°	830	751	697	653	589	506	413	317	225	151	82
1.25°	838	756	701	656	595	512	419	322	229	155	83
0°	841	758	702	657	596	514	421	324	230	157	83
-1.25°	838	756	701	656	595	512	419	322	229	155	83
-2.5°	830	751	697	653	589	506	413	317	225	151	82
-3.75°	817	742	691	647	580	496	403	307	218	145	80
-5°	799	730	683	636	567	483	388	294	208	136	78
-6.25°	777	716	673	622	550	465	371	278	196	124	74
-7.5°	755	703	660	605	530	442	349	258	181	110	71
-8.75°	732	687	645	582	504	415	324	234	163	93	66
-10°	710	670	621	554	474	385	295	213	143	81	61
-11.25°	690	651	595	522	439	351	264	189	121	75	55
-12.5°	668	622	559	484	400	314	230	163	97	68	49
-13.75°	642	588	519	441	357	275	200	135	79	61	42
-15°	606	544	473	393	312	233	169	105	71	53	39
-16.25°	561	495	421	343	265	197	135	80	62	44	37
-17.5°	508	439	365	290	219	160	99	71	53	40	35
-18.75°	449	378	307	236	178	120	77	60	43	37	32
-20°	383	316	248	191	136	82	66	49	39	34	29
-21.25°	316	253	197	145	91	70	54	41	36	31	27



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	248	197	148	97	73	58	42	37	33	28	25
-23.75°	191	145	97	73	59	45	38	34	29	26	22
-25°	136	91	73	59	45	39	34	30	27	23	20
-26.25°	82	70	58	45	39	35	31	27	24	21	17
-27.5°	66	54	42	38	34	31	27	24	21	18	14
-28.75°	49	41	37	34	30	27	24	21	18	15	11
-30°	39	36	33	29	27	24	21	18	15	12	10
-31.25°	34	31	28	26	23	21	18	15	12	10	9
-32.5°	29	27	25	22	20	17	14	11	10	9	9
-33.75°	26	23	21	19	16	13	11	10	9	9	8
-35°	22	20	17	15	12	10	10	9	9	8	8
-36.25°	18	15	13	11	10	10	9	8	8	8	8
-37.5°	13	11	10	10	9	9	8	8	8	8	8
-38.75°	10	10	9	9	8	8	8	8	8	7	7
-40°	9	9	9	8	8	8	8	8	7	7	7
-41.25°	8	8	8	8	8	8	7	7	7	6	6
-42.5°	8	8	8	8	7	7	7	7	6	6	6
-43.75°	8	8	7	7	7	7	6	6	6	6	6
-45°	7	7	7	7	6	6	6	6	6	6	5
-46.25°	7	6	6	6	6	6	6	6	5	5	5
-47.5°	6	6	6	6	6	6	5	5	5	5	5
-48.75°	6	6	6	5	5	5	5	5	5	5	5
-50°	6	5	5	5	5	5	5	5	5	4	4
-51.25°	5	5	5	5	5	5	5	4	4	4	4
-52.5°	5	5	5	5	4	4	4	4	4	4	4
-53.75°	5	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	3	3
-58.75°	4	4	4	4	4	4	3	3	3	3	3
-60°	4	4	4	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	2	2	2	2
-63.75°	3	3	3	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	1
-70°	2	2	2	2	2	2	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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	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°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	1	1	1
63.75°	2	2	2	2	2	2	2	2	2	2	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	4	3	3	3	3	3	3	3	2	2	2
55°	4	4	4	3	3	3	3	3	3	2	2
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	3
47.5°	5	5	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	4	4	4	4	4	4	4	4
45°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	5	4	4	4	4	4
42.5°	6	6	5	5	5	5	5	4	4	4	4
41.25°	6	6	6	5	5	5	5	5	4	4	4
40°	6	6	6	6	5	5	5	5	5	4	4
38.75°	7	6	6	6	6	5	5	5	5	4	4
37.5°	7	7	6	6	6	6	5	5	5	5	4
36.25°	8	7	7	6	6	6	6	5	5	5	5
35°	8	8	7	7	6	6	6	6	5	5	5



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	8	8	8	7	7	6	6	6	5	5	5
32.5°	8	8	8	8	7	7	6	6	6	5	5
31.25°	9	8	8	8	7	7	6	6	6	6	5
30°	9	9	8	8	8	7	7	6	6	6	5
28.75°	10	9	8	8	8	8	7	7	6	6	6
27.5°	11	10	9	8	8	8	7	7	6	6	6
26.25°	13	10	10	9	8	8	8	7	7	6	6
25°	16	12	10	9	8	8	8	7	7	6	6
23.75°	19	15	11	10	9	8	8	8	7	7	6
22.5°	21	17	13	10	9	9	8	8	7	7	6
21.25°	23	20	15	11	10	9	8	8	8	7	6
20°	26	22	18	13	10	9	8	8	8	7	7
18.75°	28	24	20	15	11	10	9	8	8	8	7
17.5°	29	26	22	17	13	10	9	8	8	8	7
16.25°	32	27	23	19	14	10	10	9	8	8	7
15°	34	29	25	21	16	11	10	9	8	8	7
13.75°	36	31	26	22	18	13	10	9	8	8	8
12.5°	38	33	28	23	19	14	10	9	8	8	8
11.25°	40	34	29	24	20	15	11	10	9	8	8
10°	41	36	30	26	21	16	12	10	9	8	8
8.75°	46	37	31	26	22	17	13	10	9	8	8
7.5°	50	38	32	27	23	18	13	10	9	8	8
6.25°	54	39	33	28	24	19	14	10	9	8	8
5°	57	40	34	29	24	19	15	10	9	8	8
3.75°	59	41	35	29	24	20	15	10	9	8	8
2.5°	61	41	35	29	25	20	15	11	10	8	8
1.25°	62	42	36	30	25	20	15	11	10	8	8
0°	62	42	36	30	25	21	16	11	10	9	8
-1.25°	62	42	36	30	25	20	15	11	10	8	8
-2.5°	61	41	35	29	25	20	15	11	10	8	8
-3.75°	59	41	35	29	24	20	15	10	9	8	8
-5°	57	40	34	29	24	19	15	10	9	8	8
-6.25°	54	39	33	28	24	19	14	10	9	8	8
-7.5°	50	38	32	27	23	18	13	10	9	8	8
-8.75°	46	37	31	26	22	17	13	10	9	8	8
-10°	41	36	30	26	21	16	12	10	9	8	8
-11.25°	40	34	29	24	20	15	11	10	9	8	8
-12.5°	38	33	28	23	19	14	10	9	8	8	8
-13.75°	36	31	26	22	18	13	10	9	8	8	8
-15°	34	29	25	21	16	11	10	9	8	8	7
-16.25°	32	27	23	19	14	10	10	9	8	8	7
-17.5°	29	26	22	17	13	10	9	8	8	8	7
-18.75°	28	24	20	15	11	10	9	8	8	8	7
-20°	26	22	18	13	10	9	8	8	8	7	7
-21.25°	23	20	15	11	10	9	8	8	8	7	6



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	21	17	13	10	9	9	8	8	7	7	6
-23.75°	19	15	11	10	9	8	8	8	7	7	6
-25°	16	12	10	9	8	8	8	7	7	6	6
-26.25°	13	10	10	9	8	8	8	7	7	6	6
-27.5°	11	10	9	8	8	8	7	7	6	6	6
-28.75°	10	9	8	8	8	8	7	7	6	6	6
-30°	9	9	8	8	8	7	7	6	6	6	5
-31.25°	9	8	8	8	7	7	6	6	6	6	5
-32.5°	8	8	8	8	7	7	6	6	6	5	5
-33.75°	8	8	8	7	7	6	6	6	5	5	5
-35°	8	8	7	7	6	6	6	6	5	5	5
-36.25°	8	7	7	6	6	6	6	5	5	5	5
-37.5°	7	7	6	6	6	6	5	5	5	5	4
-38.75°	7	6	6	6	6	5	5	5	5	4	4
-40°	6	6	6	6	5	5	5	5	5	4	4
-41.25°	6	6	6	5	5	5	5	5	4	4	4
-42.5°	6	6	5	5	5	5	5	4	4	4	4
-43.75°	5	5	5	5	5	5	4	4	4	4	4
-45°	5	5	5	5	4	4	4	4	4	4	4
-46.25°	5	5	5	4	4	4	4	4	4	4	4
-47.5°	5	5	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	3
-50°	4	4	4	4	4	4	4	4	4	3	3
-51.25°	4	4	4	4	4	4	4	3	3	3	3
-52.5°	4	4	4	4	4	4	3	3	3	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	4	4	4	3	3	3	3	3	3	2	2
-56.25°	4	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	1
-65°	2	2	2	2	2	2	2	2	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	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°	2	1	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	1	1	1	1	1	1	1	1
60°	2	2	2	2	1	1	1	1	1	1	1
58.75°	2	2	2	2	2	2	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	1	1	1	1
56.25°	2	2	2	2	2	2	2	2	1	1	1
55°	2	2	2	2	2	2	2	2	2	1	1
53.75°	2	2	2	2	2	2	2	2	2	2	1
52.5°	3	2	2	2	2	2	2	2	2	2	1
51.25°	3	3	2	2	2	2	2	2	2	2	2
50°	3	3	3	2	2	2	2	2	2	2	2
48.75°	3	3	3	3	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	2	2	2	2	2
46.25°	4	3	3	3	3	3	2	2	2	2	2
45°	4	4	3	3	3	3	2	2	2	2	2
43.75°	4	4	4	3	3	3	3	2	2	2	2
42.5°	4	4	4	3	3	3	3	3	2	2	2
41.25°	4	4	4	4	3	3	3	3	2	2	2
40°	4	4	4	4	4	3	3	3	3	2	2
38.75°	4	4	4	4	4	3	3	3	3	2	2
37.5°	4	4	4	4	4	4	3	3	3	3	2
36.25°	4	4	4	4	4	4	4	3	3	3	2
35°	5	4	4	4	4	4	4	3	3	3	3



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	5	4	4	4	4	4	4	4	3	3	3
32.5°	5	5	4	4	4	4	4	4	3	3	3
31.25°	5	5	4	4	4	4	4	4	3	3	3
30°	5	5	5	4	4	4	4	4	4	3	3
28.75°	5	5	5	4	4	4	4	4	4	3	3
27.5°	5	5	5	5	4	4	4	4	4	3	3
26.25°	6	5	5	5	4	4	4	4	4	4	3
25°	6	5	5	5	4	4	4	4	4	4	3
23.75°	6	5	5	5	5	4	4	4	4	4	3
22.5°	6	6	5	5	5	4	4	4	4	4	4
21.25°	6	6	5	5	5	4	4	4	4	4	4
20°	6	6	6	5	5	5	4	4	4	4	4
18.75°	6	6	6	5	5	5	4	4	4	4	4
17.5°	6	6	6	5	5	5	4	4	4	4	4
16.25°	7	6	6	5	5	5	4	4	4	4	4
15°	7	6	6	6	5	5	5	4	4	4	4
13.75°	7	6	6	6	5	5	5	4	4	4	4
12.5°	7	6	6	6	5	5	5	4	4	4	4
11.25°	7	7	6	6	5	5	5	4	4	4	4
10°	7	7	6	6	5	5	5	4	4	4	4
8.75°	7	7	6	6	5	5	5	4	4	4	4
7.5°	8	7	6	6	5	5	5	4	4	4	4
6.25°	8	7	6	6	6	5	5	4	4	4	4
5°	8	7	6	6	6	5	5	5	4	4	4
3.75°	8	7	6	6	6	5	5	5	4	4	4
2.5°	8	7	6	6	6	5	5	5	4	4	4
1.25°	8	7	6	6	6	5	5	5	4	4	4
0°	8	7	6	6	6	5	5	5	4	4	4
-1.25°	8	7	6	6	6	5	5	5	4	4	4
-2.5°	8	7	6	6	6	5	5	5	4	4	4
-3.75°	8	7	6	6	6	5	5	5	4	4	4
-5°	8	7	6	6	6	5	5	5	4	4	4
-6.25°	8	7	6	6	6	5	5	4	4	4	4
-7.5°	8	7	6	6	5	5	5	4	4	4	4
-8.75°	7	7	6	6	5	5	5	4	4	4	4
-10°	7	7	6	6	5	5	5	4	4	4	4
-11.25°	7	7	6	6	5	5	5	4	4	4	4
-12.5°	7	6	6	6	5	5	5	4	4	4	4
-13.75°	7	6	6	6	5	5	5	4	4	4	4
-15°	7	6	6	6	5	5	5	4	4	4	4
-16.25°	7	6	6	5	5	5	4	4	4	4	4
-17.5°	6	6	6	5	5	5	4	4	4	4	4
-18.75°	6	6	6	5	5	5	4	4	4	4	4
-20°	6	6	6	5	5	5	4	4	4	4	4
-21.25°	6	6	5	5	5	4	4	4	4	4	4



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	6	6	5	5	5	4	4	4	4	4	4
-23.75°	6	5	5	5	5	4	4	4	4	4	3
-25°	6	5	5	5	4	4	4	4	4	4	3
-26.25°	6	5	5	5	4	4	4	4	4	4	3
-27.5°	5	5	5	5	4	4	4	4	4	3	3
-28.75°	5	5	5	4	4	4	4	4	4	3	3
-30°	5	5	5	4	4	4	4	4	4	3	3
-31.25°	5	5	4	4	4	4	4	4	3	3	3
-32.5°	5	5	4	4	4	4	4	4	3	3	3
-33.75°	5	4	4	4	4	4	4	4	3	3	3
-35°	5	4	4	4	4	4	4	3	3	3	3
-36.25°	4	4	4	4	4	4	4	3	3	3	2
-37.5°	4	4	4	4	4	4	3	3	3	3	2
-38.75°	4	4	4	4	4	3	3	3	3	2	2
-40°	4	4	4	4	4	3	3	3	3	2	2
-41.25°	4	4	4	4	3	3	3	3	2	2	2
-42.5°	4	4	4	3	3	3	3	3	2	2	2
-43.75°	4	4	4	3	3	3	3	2	2	2	2
-45°	4	4	3	3	3	3	2	2	2	2	2
-46.25°	4	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	2	2	2	2	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	3	3	2	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	1
-53.75°	2	2	2	2	2	2	2	2	2	2	1
-55°	2	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	2	1	1	1
-57.5°	2	2	2	2	2	2	2	1	1	1	1
-58.75°	2	2	2	2	2	2	1	1	1	1	1
-60°	2	2	2	2	1	1	1	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	2	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	2	1	1	1	1	1	1	1	1	1	1
48.75°	2	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	1	1	1	1	1	1	1	1	1
46.25°	2	2	1	1	1	1	1	1	1	1	1
45°	2	2	2	1	1	1	1	1	1	1	1
43.75°	2	2	2	1	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
41.25°	2	2	2	2	1	1	1	1	1	1	1
40°	2	2	2	2	2	1	1	1	1	1	1
38.75°	2	2	2	2	2	1	1	1	1	1	1
37.5°	2	2	2	2	2	1	1	1	1	1	1
36.25°	2	2	2	2	2	2	1	1	1	1	1
35°	2	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	2	2	2	2	2	2	1	1	1	1	1
32.5°	3	2	2	2	2	2	1	1	1	1	1
31.25°	3	2	2	2	2	2	2	1	1	1	1
30°	3	2	2	2	2	2	2	1	1	1	1
28.75°	3	2	2	2	2	2	2	1	1	1	1
27.5°	3	3	2	2	2	2	2	1	1	1	1
26.25°	3	3	2	2	2	2	2	2	1	1	1
25°	3	3	2	2	2	2	2	2	1	1	1
23.75°	3	3	2	2	2	2	2	2	1	1	1
22.5°	3	3	3	2	2	2	2	2	1	1	1
21.25°	3	3	3	2	2	2	2	2	1	1	1
20°	3	3	3	2	2	2	2	2	1	1	1
18.75°	3	3	3	2	2	2	2	2	1	1	1
17.5°	3	3	3	2	2	2	2	2	1	1	1
16.25°	4	3	3	3	2	2	2	2	2	1	1
15°	4	3	3	3	2	2	2	2	2	1	1
13.75°	4	3	3	3	2	2	2	2	2	1	1
12.5°	4	3	3	3	2	2	2	2	2	1	1
11.25°	4	3	3	3	2	2	2	2	2	1	1
10°	4	3	3	3	2	2	2	2	2	1	1
8.75°	4	3	3	3	2	2	2	2	2	1	1
7.5°	4	3	3	3	2	2	2	2	2	1	1
6.25°	4	3	3	3	2	2	2	2	2	1	1
5°	4	3	3	3	2	2	2	2	2	1	1
3.75°	4	3	3	3	2	2	2	2	2	1	1
2.5°	4	3	3	3	2	2	2	2	2	1	1
1.25°	4	3	3	3	2	2	2	2	2	1	1
0°	4	4	3	3	2	2	2	2	2	1	1
-1.25°	4	3	3	3	2	2	2	2	2	1	1
-2.5°	4	3	3	3	2	2	2	2	2	1	1
-3.75°	4	3	3	3	2	2	2	2	2	1	1
-5°	4	3	3	3	2	2	2	2	2	1	1
-6.25°	4	3	3	3	2	2	2	2	2	1	1
-7.5°	4	3	3	3	2	2	2	2	2	1	1
-8.75°	4	3	3	3	2	2	2	2	2	1	1
-10°	4	3	3	3	2	2	2	2	2	1	1
-11.25°	4	3	3	3	2	2	2	2	2	1	1
-12.5°	4	3	3	3	2	2	2	2	2	1	1
-13.75°	4	3	3	3	2	2	2	2	2	1	1
-15°	4	3	3	3	2	2	2	2	2	1	1
-16.25°	4	3	3	3	2	2	2	2	2	1	1
-17.5°	3	3	3	2	2	2	2	2	1	1	1
-18.75°	3	3	3	2	2	2	2	2	1	1	1
-20°	3	3	3	2	2	2	2	2	1	1	1
-21.25°	3	3	3	2	2	2	2	2	1	1	1



REPORT NUMBER: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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°	3	3	3	2	2	2	2	2	1	1	1
-23.75°	3	3	2	2	2	2	2	2	1	1	1
-25°	3	3	2	2	2	2	2	2	1	1	1
-26.25°	3	3	2	2	2	2	2	2	1	1	1
-27.5°	3	3	2	2	2	2	2	1	1	1	1
-28.75°	3	2	2	2	2	2	2	1	1	1	1
-30°	3	2	2	2	2	2	2	1	1	1	1
-31.25°	3	2	2	2	2	2	2	1	1	1	1
-32.5°	3	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	2	1	1	1	1	1
-35°	2	2	2	2	2	2	1	1	1	1	1
-36.25°	2	2	2	2	2	2	1	1	1	1	1
-37.5°	2	2	2	2	2	1	1	1	1	1	1
-38.75°	2	2	2	2	2	1	1	1	1	1	1
-40°	2	2	2	2	2	1	1	1	1	1	1
-41.25°	2	2	2	2	1	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-43.75°	2	2	2	1	1	1	1	1	1	1	1
-45°	2	2	2	1	1	1	1	1	1	1	1
-46.25°	2	2	1	1	1	1	1	1	1	1	1
-47.5°	2	2	1	1	1	1	1	1	1	1	1
-48.75°	2	1	1	1	1	1	1	1	1	1	1
-50°	2	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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: P220672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED3097-M-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)