

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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220700 (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-LED4097-W-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 4000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

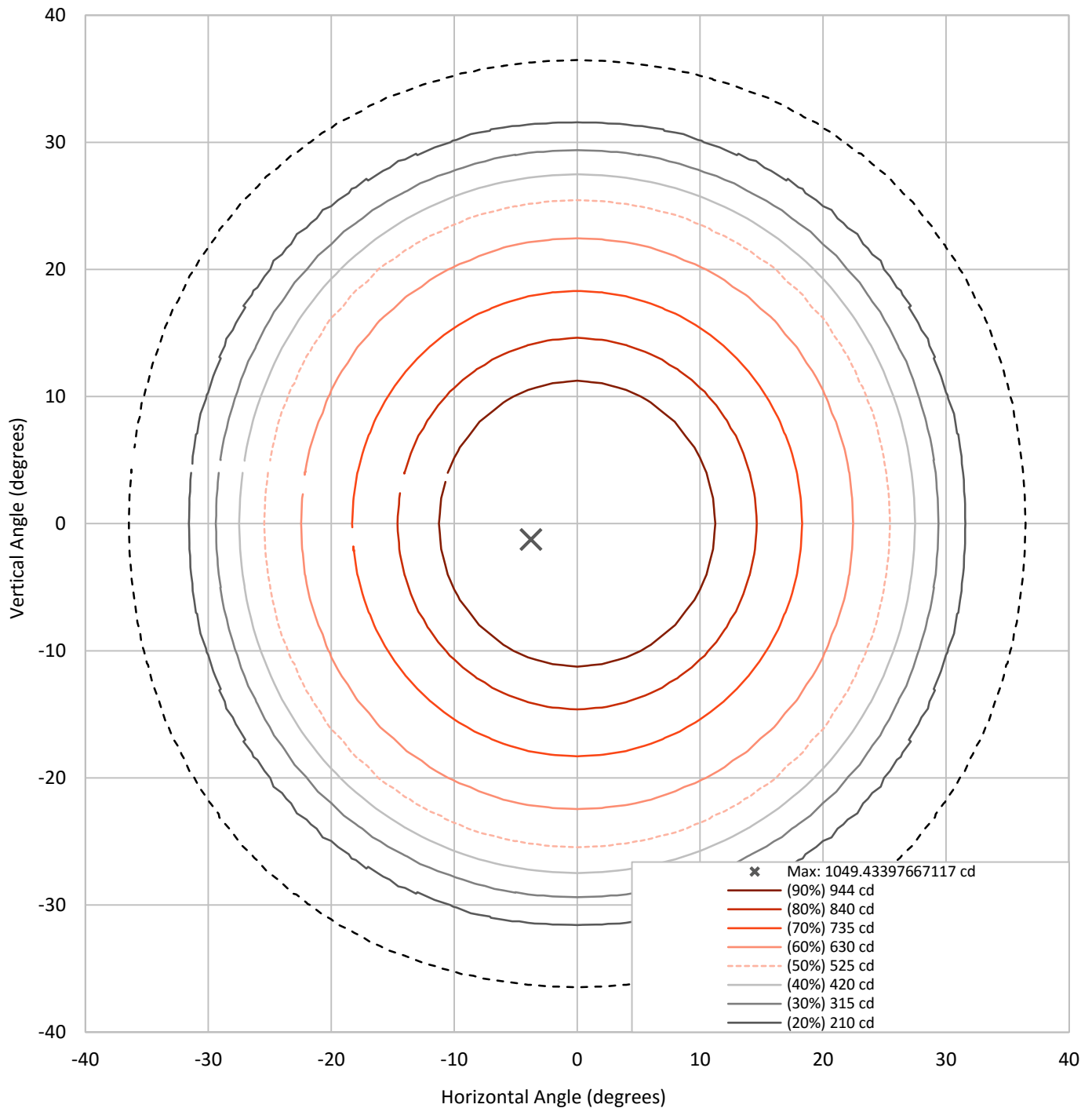
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	700.2 lumens	Max Intensity:	1049.4 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	71.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	471.7 lumens	Field Lumens:	629.1 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

### Iso-Candela Plot





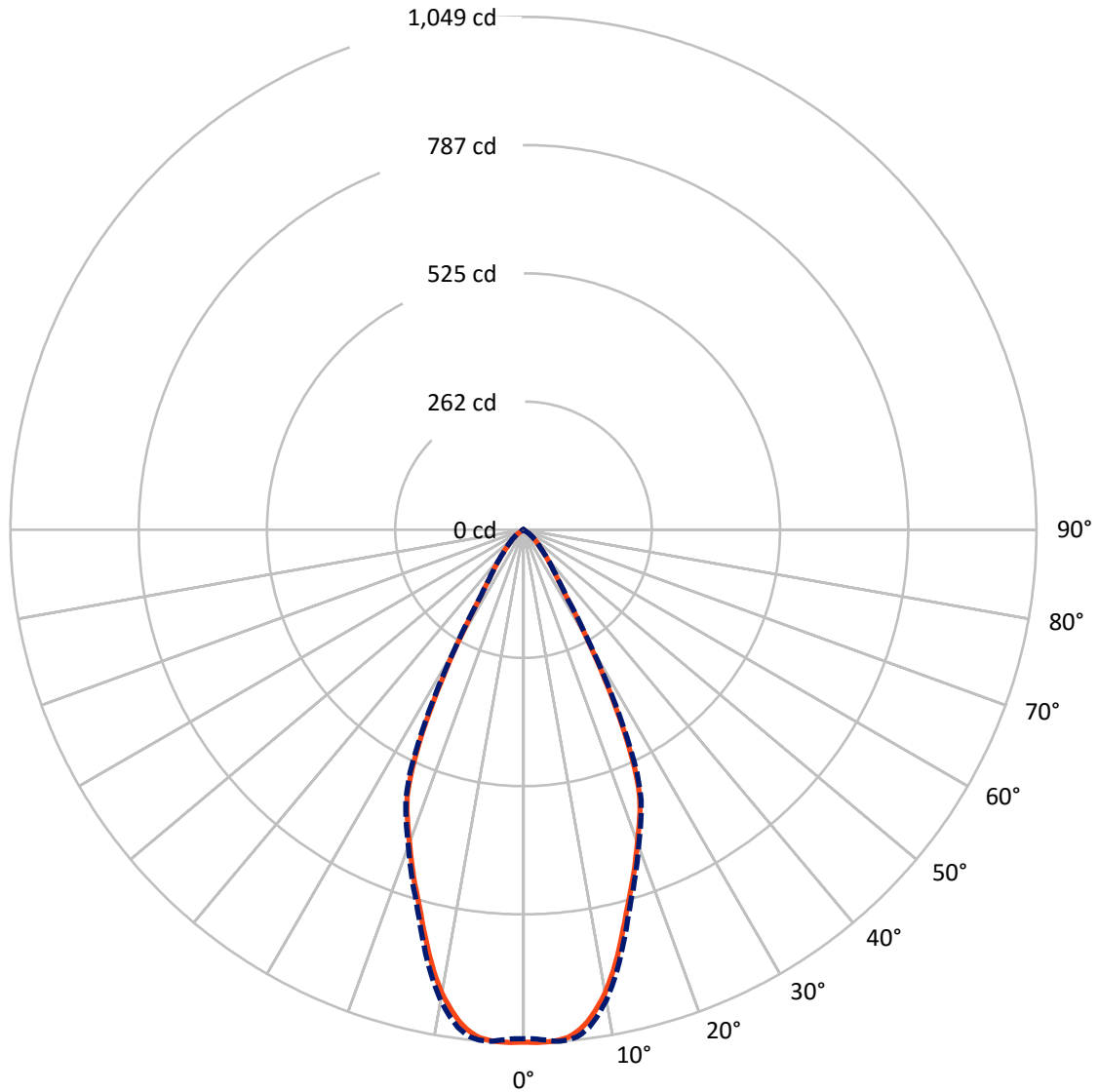
REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

### Lumen Table

90																			
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50																			
40	0.0	0.0	0.1	0.3	0.8	1.1	1.4	1.4	1.1	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
30																			
20	0.0	0.0	0.1	0.3	0.9	1.7	2.8	4.0	4.0	2.8	1.7	0.9	0.3	0.1	0.0	0.0	0.0	0.0	
10																			
0	0.0	0.0	0.2	0.8	2.4	9.5	19.3	24.3	24.3	19.3	9.5	2.4	0.8	0.2	0.0	0.0	0.0	0.0	
-10																			
-20	0.0	0.0	0.2	1.0	3.3	13.8	23.5	30.6	30.6	23.5	13.8	3.3	1.0	0.2	0.0	0.0	0.0	0.0	
-30																			
-40	0.0	0.0	0.2	0.8	2.4	9.5	19.3	24.3	24.3	19.3	9.5	2.4	0.8	0.2	0.0	0.0	0.0	0.0	
-50																			
-60	0.0	0.0	0.1	0.3	0.8	1.1	1.4	1.4	1.1	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
-70																			
-80	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
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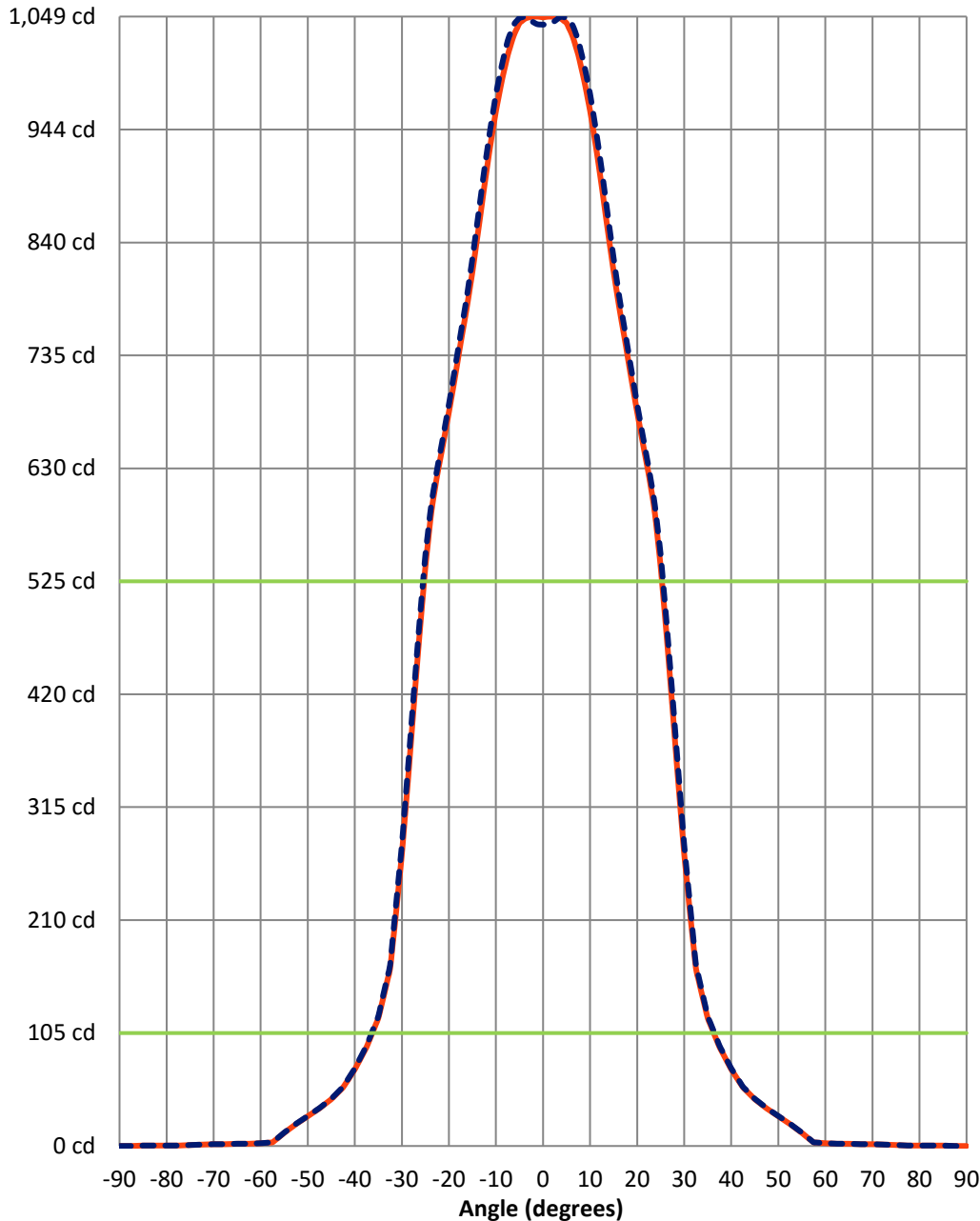
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 50.5°  
 Lumens: 471.7  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.8°  
 V Angle: 72.6°  
 Lumens: 629.1  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 71.1  
 Efficiency: 10.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	2	2	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	3	3	3	5
31.25°	2	2	2	2	2	2	2	3	3	3	6
30°	2	2	2	2	2	2	3	3	3	5	8
28.75°	2	2	2	2	2	2	3	3	3	6	10
27.5°	2	2	2	2	2	3	3	3	4	8	12
26.25°	2	2	2	2	2	3	3	3	6	9	13
25°	2	2	2	2	2	3	3	3	7	11	15
23.75°	2	2	2	2	2	3	3	4	8	12	16
22.5°	2	2	2	2	3	3	3	6	10	14	17
21.25°	2	2	2	2	3	3	3	7	11	15	18
20°	2	2	2	2	3	3	4	8	12	16	19
18.75°	2	2	2	2	3	3	5	9	13	17	21
17.5°	2	2	2	3	3	3	6	10	14	18	22
16.25°	2	2	2	3	3	3	7	11	15	19	22
15°	2	2	2	3	3	3	8	12	16	20	23
13.75°	2	2	2	3	3	4	8	13	17	20	24
12.5°	2	2	2	3	3	5	9	13	17	21	25
11.25°	2	2	2	3	3	5	10	14	18	22	25
10°	2	2	2	3	3	6	10	14	18	22	26
8.75°	2	2	3	3	3	6	11	15	19	23	26
7.5°	2	2	3	3	3	7	11	15	19	23	27
6.25°	2	2	3	3	3	7	12	16	20	23	27
5°	2	2	3	3	3	7	12	16	20	24	27
3.75°	2	2	3	3	3	8	12	16	20	24	28
2.5°	2	2	3	3	3	8	12	16	20	24	28
1.25°	2	2	3	3	3	8	12	17	21	24	28
0°	2	2	3	3	3	8	13	17	21	24	28
-1.25°	2	2	3	3	3	8	13	17	21	24	28
-2.5°	2	2	3	3	3	8	12	16	20	24	28
-3.75°	2	2	3	3	3	8	12	16	20	24	28
-5°	2	2	3	3	3	7	12	16	20	24	27
-6.25°	2	2	3	3	3	7	12	16	20	23	27
-7.5°	2	2	3	3	3	7	11	15	19	23	27
-8.75°	2	2	3	3	3	6	11	15	19	23	26
-10°	2	2	2	3	3	6	10	14	18	22	26
-11.25°	2	2	2	3	3	5	10	14	18	22	25
-12.5°	2	2	2	3	3	5	9	13	17	21	25
-13.75°	2	2	2	3	3	4	8	13	17	20	24
-15°	2	2	2	3	3	3	8	12	16	20	23
-16.25°	2	2	2	3	3	3	7	11	15	19	22
-17.5°	2	2	2	3	3	3	6	10	14	18	22
-18.75°	2	2	2	2	3	3	5	9	13	17	21
-20°	2	2	2	2	3	3	4	8	12	16	19
-21.25°	2	2	2	2	3	3	3	7	11	15	18





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	2	2	2	3	3	3	6	10	14	17
-23.75°	2	2	2	2	2	3	3	4	8	12	16
-25°	2	2	2	2	2	3	3	3	7	11	15
-26.25°	2	2	2	2	2	3	3	3	6	9	13
-27.5°	2	2	2	2	2	3	3	3	4	8	12
-28.75°	2	2	2	2	2	2	3	3	3	6	10
-30°	2	2	2	2	2	2	3	3	3	5	8
-31.25°	2	2	2	2	2	2	2	3	3	3	6
-32.5°	2	2	2	2	2	2	2	3	3	3	5
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	2	2	2	2	2	2	2	2	3	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	3	3
-38.75°	2	2	2	2	2	2	2	2	2	2	3
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-47.5°	1	2	2	2	2	2	2	2	2	2	2
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	2	2	2	2	2	2	2	2
-52.5°	1	1	1	1	2	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	1	1	1	1	1	1	1	1	1
-63.75°	0	0	0	1	1	1	1	1	1	1	1
-65°	0	0	0	0	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	0	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	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	1
72.5°	0	0	0	0	0	0	1	1	1	1	1
71.25°	0	0	0	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	2	2
61.25°	1	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	3	3
50°	2	2	2	2	2	2	2	2	3	3	3
48.75°	2	2	2	2	2	2	3	3	3	3	3
47.5°	2	2	2	2	2	3	3	3	3	3	5
46.25°	2	2	2	2	3	3	3	3	4	6	8
45°	2	2	2	3	3	3	3	4	7	9	12
43.75°	2	2	3	3	3	3	5	7	10	12	15
42.5°	2	3	3	3	3	5	8	10	13	15	17
41.25°	3	3	3	3	5	8	10	13	15	18	20
40°	3	3	3	4	7	10	13	16	18	20	23
38.75°	3	3	4	7	10	13	15	18	20	23	25
37.5°	3	3	6	9	12	15	18	20	23	25	27
36.25°	3	5	8	12	15	17	20	23	25	27	30
35°	4	7	11	14	17	19	22	25	27	29	32



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6	9	13	16	19	22	24	27	29	32	34
32.5°	8	12	15	18	21	23	26	29	31	34	37
31.25°	10	13	17	20	22	25	28	31	33	36	39
30°	12	15	18	21	24	27	30	33	35	38	41
28.75°	14	17	20	23	26	29	32	34	37	41	44
27.5°	15	18	22	25	27	30	33	36	40	43	47
26.25°	17	20	23	26	29	32	35	38	42	45	50
25°	18	21	24	27	31	34	37	40	44	48	53
23.75°	19	23	26	29	32	35	39	42	46	51	56
22.5°	21	24	27	30	33	37	40	44	49	53	60
21.25°	22	25	28	32	35	38	42	46	51	56	63
20°	23	26	29	33	36	40	44	49	53	60	67
18.75°	24	27	31	34	38	41	46	51	56	63	71
17.5°	25	28	32	35	39	43	48	52	59	66	75
16.25°	26	29	33	36	40	44	49	54	62	70	78
15°	27	30	34	37	41	46	51	57	64	72	82
13.75°	27	31	34	38	42	47	52	59	67	76	85
12.5°	28	32	35	39	43	49	54	61	69	79	89
11.25°	29	32	36	40	44	50	55	63	71	81	91
10°	29	33	37	41	45	51	57	65	74	84	94
8.75°	30	34	37	42	46	52	58	67	76	86	97
7.5°	30	34	38	42	47	53	60	68	78	88	100
6.25°	31	34	38	43	48	53	61	69	79	90	102
5°	31	35	39	43	48	54	62	70	80	91	104
3.75°	31	35	39	43	49	54	63	71	81	92	105
2.5°	31	35	39	44	49	55	63	72	82	93	106
1.25°	32	35	40	44	49	55	63	72	83	93	107
0°	32	35	40	44	49	55	64	72	83	93	107
-1.25°	32	35	40	44	49	55	63	72	83	93	107
-2.5°	31	35	39	44	49	55	63	72	82	93	106
-3.75°	31	35	39	43	49	54	63	71	81	92	105
-5°	31	35	39	43	48	54	62	70	80	91	104
-6.25°	31	34	38	43	48	53	61	69	79	90	102
-7.5°	30	34	38	42	47	53	60	68	78	88	100
-8.75°	30	34	37	42	46	52	58	67	76	86	97
-10°	29	33	37	41	45	51	57	65	74	84	94
-11.25°	29	32	36	40	44	50	55	63	71	81	91
-12.5°	28	32	35	39	43	49	54	61	69	79	89
-13.75°	27	31	34	38	42	47	52	59	67	76	85
-15°	27	30	34	37	41	46	51	57	64	72	82
-16.25°	26	29	33	36	40	44	49	54	62	70	78
-17.5°	25	28	32	35	39	43	48	52	59	66	75
-18.75°	24	27	31	34	38	41	46	51	56	63	71
-20°	23	26	29	33	36	40	44	49	53	60	67
-21.25°	22	25	28	32	35	38	42	46	51	56	63



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	21	24	27	30	33	37	40	44	49	53	60
-23.75°	19	23	26	29	32	35	39	42	46	51	56
-25°	18	21	24	27	31	34	37	40	44	48	53
-26.25°	17	20	23	26	29	32	35	38	42	45	50
-27.5°	15	18	22	25	27	30	33	36	40	43	47
-28.75°	14	17	20	23	26	29	32	34	37	41	44
-30°	12	15	18	21	24	27	30	33	35	38	41
-31.25°	10	13	17	20	22	25	28	31	33	36	39
-32.5°	8	12	15	18	21	23	26	29	31	34	37
-33.75°	6	9	13	16	19	22	24	27	29	32	34
-35°	4	7	11	14	17	19	22	25	27	29	32
-36.25°	3	5	8	12	15	17	20	23	25	27	30
-37.5°	3	3	6	9	12	15	18	20	23	25	27
-38.75°	3	3	4	7	10	13	15	18	20	23	25
-40°	3	3	3	4	7	10	13	16	18	20	23
-41.25°	3	3	3	3	5	8	10	13	15	18	20
-42.5°	2	3	3	3	3	5	8	10	13	15	17
-43.75°	2	2	3	3	3	3	5	7	10	12	15
-45°	2	2	2	3	3	3	3	4	7	9	12
-46.25°	2	2	2	2	3	3	3	3	4	6	8
-47.5°	2	2	2	2	2	3	3	3	3	3	5
-48.75°	2	2	2	2	2	2	3	3	3	3	3
-50°	2	2	2	2	2	2	2	2	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	3	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	1	1	1	1	1	1	1	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	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	2	2	2	2	2
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	3
56.25°	2	2	2	2	2	2	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	3	3	3	3	3	3	3	4	6
52.5°	3	3	3	3	3	3	4	6	7	8	10
51.25°	3	3	3	3	5	6	8	9	11	12	14
50°	3	3	5	6	8	10	12	13	15	16	17
48.75°	4	6	8	10	12	14	15	17	18	19	21
47.5°	7	9	12	13	15	17	18	20	21	23	24
46.25°	11	13	15	17	18	20	22	23	24	26	27
45°	14	16	18	20	21	23	25	26	27	29	30
43.75°	17	19	21	22	24	26	27	29	31	32	33
42.5°	19	22	23	25	27	29	30	32	34	35	37
41.25°	22	24	26	28	30	32	33	35	37	39	40
40°	25	27	29	31	33	34	36	38	40	42	44
38.75°	27	29	31	33	35	37	40	42	44	46	49
37.5°	29	32	34	36	38	41	43	45	48	51	53
36.25°	32	34	37	39	41	44	47	50	53	56	60
35°	34	37	39	42	45	48	51	54	58	62	67



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	37	40	42	45	49	52	55	60	65	69	74
32.5°	39	42	45	49	52	56	61	66	71	77	82
31.25°	42	45	49	53	57	62	67	73	79	85	91
30°	45	49	52	57	63	68	74	80	87	93	100
28.75°	48	52	56	62	68	74	81	88	95	103	111
27.5°	51	55	61	67	74	81	88	96	104	113	121
26.25°	54	60	66	73	80	88	96	105	114	124	139
25°	58	65	71	79	87	95	104	114	125	141	156
23.75°	62	69	77	85	93	103	113	124	141	157	179
22.5°	67	74	82	91	100	111	121	139	156	179	218
21.25°	71	79	88	97	108	119	135	153	175	216	255
20°	75	84	93	104	115	130	149	167	209	251	294
18.75°	80	89	99	110	123	142	162	197	241	285	337
17.5°	84	93	105	117	134	154	181	227	272	325	379
16.25°	88	98	111	124	145	165	208	255	306	363	420
15°	92	104	116	134	155	185	234	283	341	400	458
13.75°	96	108	121	143	164	208	258	313	374	435	492
12.5°	100	113	129	151	179	230	281	342	405	466	522
11.25°	104	117	136	159	197	249	306	369	434	494	550
10°	107	120	143	166	215	267	328	394	459	519	570
8.75°	110	126	149	176	230	284	349	416	481	540	588
7.5°	113	131	154	189	243	301	368	436	500	557	600
6.25°	115	135	158	200	255	315	384	452	515	570	610
5°	117	138	162	209	264	327	397	465	528	581	618
3.75°	119	141	165	216	271	337	407	475	538	590	623
2.5°	120	143	167	221	277	344	414	483	545	594	627
1.25°	121	144	168	224	280	348	419	487	549	597	629
0°	121	145	169	225	281	350	420	488	551	598	630
-1.25°	121	144	168	224	280	348	419	487	549	597	629
-2.5°	120	143	167	221	277	344	414	483	545	594	627
-3.75°	119	141	165	216	271	337	407	475	538	590	623
-5°	117	138	162	209	264	327	397	465	528	581	618
-6.25°	115	135	158	200	255	315	384	452	515	570	610
-7.5°	113	131	154	189	243	301	368	436	500	557	600
-8.75°	110	126	149	176	230	284	349	416	481	540	588
-10°	107	120	143	166	215	267	328	394	459	519	570
-11.25°	104	117	136	159	197	249	306	369	434	494	550
-12.5°	100	113	129	151	179	230	281	342	405	466	522
-13.75°	96	108	121	143	164	208	258	313	374	435	492
-15°	92	104	116	134	155	185	234	283	341	400	458
-16.25°	88	98	111	124	145	165	208	255	306	363	420
-17.5°	84	93	105	117	134	154	181	227	272	325	379
-18.75°	80	89	99	110	123	142	162	197	241	285	337
-20°	75	84	93	104	115	130	149	167	209	251	294
-21.25°	71	79	88	97	108	119	135	153	175	216	255





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	67	74	82	91	100	111	121	139	156	179	218
-23.75°	62	69	77	85	93	103	113	124	141	157	179
-25°	58	65	71	79	87	95	104	114	125	141	156
-26.25°	54	60	66	73	80	88	96	105	114	124	139
-27.5°	51	55	61	67	74	81	88	96	104	113	121
-28.75°	48	52	56	62	68	74	81	88	95	103	111
-30°	45	49	52	57	63	68	74	80	87	93	100
-31.25°	42	45	49	53	57	62	67	73	79	85	91
-32.5°	39	42	45	49	52	56	61	66	71	77	82
-33.75°	37	40	42	45	49	52	55	60	65	69	74
-35°	34	37	39	42	45	48	51	54	58	62	67
-36.25°	32	34	37	39	41	44	47	50	53	56	60
-37.5°	29	32	34	36	38	41	43	45	48	51	53
-38.75°	27	29	31	33	35	37	40	42	44	46	49
-40°	25	27	29	31	33	34	36	38	40	42	44
-41.25°	22	24	26	28	30	32	33	35	37	39	40
-42.5°	19	22	23	25	27	29	30	32	34	35	37
-43.75°	17	19	21	22	24	26	27	29	31	32	33
-45°	14	16	18	20	21	23	25	26	27	29	30
-46.25°	11	13	15	17	18	20	22	23	24	26	27
-47.5°	7	9	12	13	15	17	18	20	21	23	24
-48.75°	4	6	8	10	12	14	15	17	18	19	21
-50°	3	3	5	6	8	10	12	13	15	16	17
-51.25°	3	3	3	3	5	6	8	9	11	12	14
-52.5°	3	3	3	3	3	3	4	6	7	8	10
-53.75°	2	2	3	3	3	3	3	3	3	4	6
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	3
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	2	2	2	2	2
-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°	0	0	0	0	0	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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	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	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	3
58.75°	2	2	2	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	5	5	6	6
55°	3	4	5	6	7	8	8	9	10	10	11
53.75°	7	8	9	10	11	12	13	13	14	14	15
52.5°	11	12	13	14	15	16	17	17	18	18	19
51.25°	15	16	17	18	19	20	20	21	22	22	23
50°	18	19	21	22	22	23	24	25	25	26	26
48.75°	22	23	24	25	26	27	27	28	29	29	30
47.5°	25	26	27	28	29	30	31	32	32	33	34
46.25°	28	29	31	32	33	34	34	35	36	37	37
45°	32	33	34	35	36	37	38	39	40	41	42
43.75°	35	36	38	39	40	41	42	43	44	45	46
42.5°	38	40	41	43	44	46	47	49	50	51	52
41.25°	42	44	46	48	49	51	52	54	55	57	58
40°	46	49	51	52	54	57	59	61	63	65	67
38.75°	51	53	56	59	62	64	67	69	71	74	76
37.5°	56	60	63	66	70	72	76	79	81	84	86
36.25°	63	67	71	75	78	82	85	89	91	94	97
35°	71	75	80	84	88	92	96	100	104	107	110



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	79	84	89	93	98	104	108	113	117	120	126
32.5°	88	93	99	105	111	116	121	129	136	143	149
31.25°	97	104	110	117	124	134	143	151	159	166	176
30°	108	115	123	134	145	155	164	179	197	215	230
28.75°	119	130	142	154	165	185	208	230	249	267	284
27.5°	135	149	162	181	208	234	258	281	306	328	349
26.25°	153	167	197	227	255	283	313	342	369	394	416
25°	175	209	241	272	306	341	374	405	434	459	481
23.75°	216	251	285	325	363	400	435	466	494	519	540
22.5°	255	294	337	379	420	458	492	522	550	570	588
21.25°	297	343	389	433	474	511	544	571	593	608	621
20°	343	393	440	484	523	558	586	606	622	635	647
18.75°	389	440	487	530	566	595	615	632	647	662	675
17.5°	433	484	530	569	599	621	639	656	673	688	703
16.25°	474	523	566	599	622	642	662	680	698	716	732
15°	511	558	595	621	642	663	684	705	725	744	761
13.75°	544	586	615	639	662	684	707	730	751	770	789
12.5°	571	606	632	656	680	705	730	753	775	797	820
11.25°	593	622	647	673	698	725	751	775	800	826	852
10°	608	635	662	688	716	744	770	797	826	855	884
8.75°	621	647	675	703	732	761	789	820	852	884	913
7.5°	630	658	687	716	747	776	807	841	876	909	939
6.25°	639	668	697	728	759	789	824	860	897	931	960
5°	646	676	706	738	769	802	839	877	915	948	978
3.75°	652	682	713	746	777	812	851	891	929	962	990
2.5°	656	686	718	752	784	820	860	900	938	971	999
1.25°	659	689	722	755	787	825	865	906	944	977	1005
0°	660	690	723	756	789	826	867	908	946	980	1006
-1.25°	659	689	722	755	787	825	865	906	944	977	1005
-2.5°	656	686	718	752	784	820	860	900	938	971	999
-3.75°	652	682	713	746	777	812	851	891	929	962	990
-5°	646	676	706	738	769	802	839	877	915	948	978
-6.25°	639	668	697	728	759	789	824	860	897	931	960
-7.5°	630	658	687	716	747	776	807	841	876	909	939
-8.75°	621	647	675	703	732	761	789	820	852	884	913
-10°	608	635	662	688	716	744	770	797	826	855	884
-11.25°	593	622	647	673	698	725	751	775	800	826	852
-12.5°	571	606	632	656	680	705	730	753	775	797	820
-13.75°	544	586	615	639	662	684	707	730	751	770	789
-15°	511	558	595	621	642	663	684	705	725	744	761
-16.25°	474	523	566	599	622	642	662	680	698	716	732
-17.5°	433	484	530	569	599	621	639	656	673	688	703
-18.75°	389	440	487	530	566	595	615	632	647	662	675
-20°	343	393	440	484	523	558	586	606	622	635	647
-21.25°	297	343	389	433	474	511	544	571	593	608	621



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	255	294	337	379	420	458	492	522	550	570	588
-23.75°	216	251	285	325	363	400	435	466	494	519	540
-25°	175	209	241	272	306	341	374	405	434	459	481
-26.25°	153	167	197	227	255	283	313	342	369	394	416
-27.5°	135	149	162	181	208	234	258	281	306	328	349
-28.75°	119	130	142	154	165	185	208	230	249	267	284
-30°	108	115	123	134	145	155	164	179	197	215	230
-31.25°	97	104	110	117	124	134	143	151	159	166	176
-32.5°	88	93	99	105	111	116	121	129	136	143	149
-33.75°	79	84	89	93	98	104	108	113	117	120	126
-35°	71	75	80	84	88	92	96	100	104	107	110
-36.25°	63	67	71	75	78	82	85	89	91	94	97
-37.5°	56	60	63	66	70	72	76	79	81	84	86
-38.75°	51	53	56	59	62	64	67	69	71	74	76
-40°	46	49	51	52	54	57	59	61	63	65	67
-41.25°	42	44	46	48	49	51	52	54	55	57	58
-42.5°	38	40	41	43	44	46	47	49	50	51	52
-43.75°	35	36	38	39	40	41	42	43	44	45	46
-45°	32	33	34	35	36	37	38	39	40	41	42
-46.25°	28	29	31	32	33	34	34	35	36	37	37
-47.5°	25	26	27	28	29	30	31	32	32	33	34
-48.75°	22	23	24	25	26	27	27	28	29	29	30
-50°	18	19	21	22	22	23	24	25	25	26	26
-51.25°	15	16	17	18	19	20	20	21	22	22	23
-52.5°	11	12	13	14	15	16	17	17	18	18	19
-53.75°	7	8	9	10	11	12	13	13	14	14	15
-55°	3	4	5	6	7	8	8	9	10	10	11
-56.25°	3	3	3	3	3	3	4	5	5	6	6
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	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	2	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	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	3	3
56.25°	7	7	7	8	8	8	8	8	8	8	7
55°	11	12	12	12	12	12	13	12	12	12	12
53.75°	15	16	16	16	16	17	17	17	16	16	16
52.5°	19	20	20	20	20	21	21	21	20	20	20
51.25°	23	23	24	24	24	24	24	24	24	24	24
50°	27	27	27	28	28	28	28	28	28	28	27
48.75°	30	31	31	31	31	32	32	32	31	31	31
47.5°	34	34	35	35	35	35	35	35	35	35	35
46.25°	38	38	39	39	39	40	40	40	39	39	39
45°	42	43	43	43	44	44	44	44	44	43	43
43.75°	47	48	48	49	49	49	49	49	49	49	48
42.5°	53	53	54	54	55	55	55	55	55	54	54
41.25°	60	61	62	63	63	63	64	63	63	63	62
40°	68	69	70	71	72	72	72	72	72	71	70
38.75°	78	79	80	81	82	83	83	83	82	81	80
37.5°	88	90	91	92	93	93	93	93	93	92	91
36.25°	100	102	104	105	106	107	107	107	106	105	104
35°	113	115	117	119	120	121	121	121	120	119	117



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	131	135	138	141	143	144	145	144	143	141	138
32.5°	154	158	162	165	167	168	169	168	167	165	162
31.25°	189	200	209	216	221	224	225	224	221	216	209
30°	243	255	264	271	277	280	281	280	277	271	264
28.75°	301	315	327	337	344	348	350	348	344	337	327
27.5°	368	384	397	407	414	419	420	419	414	407	397
26.25°	436	452	465	475	483	487	488	487	483	475	465
25°	500	515	528	538	545	549	551	549	545	538	528
23.75°	557	570	581	590	594	597	598	597	594	590	581
22.5°	600	610	618	623	627	629	630	629	627	623	618
21.25°	630	639	646	652	656	659	660	659	656	652	646
20°	658	668	676	682	686	689	690	689	686	682	676
18.75°	687	697	706	713	718	722	723	722	718	713	706
17.5°	716	728	738	746	752	755	756	755	752	746	738
16.25°	747	759	769	777	784	787	789	787	784	777	769
15°	776	789	802	812	820	825	826	825	820	812	802
13.75°	807	824	839	851	860	865	867	865	860	851	839
12.5°	841	860	877	891	900	906	908	906	900	891	877
11.25°	876	897	915	929	938	944	946	944	938	929	915
10°	909	931	948	962	971	977	980	977	971	962	948
8.75°	939	960	978	990	999	1005	1006	1005	999	990	978
7.5°	964	985	1001	1014	1023	1027	1029	1027	1023	1014	1001
6.25°	985	1005	1021	1032	1039	1042	1043	1042	1039	1032	1021
5°	1001	1021	1035	1043	1047	1048	1049	1048	1047	1043	1035
3.75°	1014	1032	1043	1048	1049	1049	1049	1049	1049	1048	1043
2.5°	1023	1039	1047	1049	1048	1045	1044	1045	1048	1049	1047
1.25°	1027	1042	1048	1049	1045	1042	1042	1042	1045	1049	1048
0°	1029	1043	1049	1049	1044	1042	1045	1042	1044	1049	1049
-1.25°	1027	1042	1048	1049	1045	1042	1042	1042	1045	1049	1048
-2.5°	1023	1039	1047	1049	1048	1045	1044	1045	1048	1049	1047
-3.75°	1014	1032	1043	1048	1049	1049	1049	1049	1049	1048	1043
-5°	1001	1021	1035	1043	1047	1048	1049	1048	1047	1043	1035
-6.25°	985	1005	1021	1032	1039	1042	1043	1042	1039	1032	1021
-7.5°	964	985	1001	1014	1023	1027	1029	1027	1023	1014	1001
-8.75°	939	960	978	990	999	1005	1006	1005	999	990	978
-10°	909	931	948	962	971	977	980	977	971	962	948
-11.25°	876	897	915	929	938	944	946	944	938	929	915
-12.5°	841	860	877	891	900	906	908	906	900	891	877
-13.75°	807	824	839	851	860	865	867	865	860	851	839
-15°	776	789	802	812	820	825	826	825	820	812	802
-16.25°	747	759	769	777	784	787	789	787	784	777	769
-17.5°	716	728	738	746	752	755	756	755	752	746	738
-18.75°	687	697	706	713	718	722	723	722	718	713	706
-20°	658	668	676	682	686	689	690	689	686	682	676
-21.25°	630	639	646	652	656	659	660	659	656	652	646





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	600	610	618	623	627	629	630	629	627	623	618
-23.75°	557	570	581	590	594	597	598	597	594	590	581
-25°	500	515	528	538	545	549	551	549	545	538	528
-26.25°	436	452	465	475	483	487	488	487	483	475	465
-27.5°	368	384	397	407	414	419	420	419	414	407	397
-28.75°	301	315	327	337	344	348	350	348	344	337	327
-30°	243	255	264	271	277	280	281	280	277	271	264
-31.25°	189	200	209	216	221	224	225	224	221	216	209
-32.5°	154	158	162	165	167	168	169	168	167	165	162
-33.75°	131	135	138	141	143	144	145	144	143	141	138
-35°	113	115	117	119	120	121	121	121	120	119	117
-36.25°	100	102	104	105	106	107	107	107	106	105	104
-37.5°	88	90	91	92	93	93	93	93	93	92	91
-38.75°	78	79	80	81	82	83	83	83	82	81	80
-40°	68	69	70	71	72	72	72	72	72	71	70
-41.25°	60	61	62	63	63	63	64	63	63	63	62
-42.5°	53	53	54	54	55	55	55	55	55	54	54
-43.75°	47	48	48	49	49	49	49	49	49	49	48
-45°	42	43	43	43	44	44	44	44	44	43	43
-46.25°	38	38	39	39	39	40	40	40	39	39	39
-47.5°	34	34	35	35	35	35	35	35	35	35	35
-48.75°	30	31	31	31	31	32	32	32	31	31	31
-50°	27	27	27	28	28	28	28	28	28	28	27
-51.25°	23	23	24	24	24	24	24	24	24	24	24
-52.5°	19	20	20	20	20	21	21	21	20	20	20
-53.75°	15	16	16	16	16	17	17	17	16	16	16
-55°	11	12	12	12	12	12	13	12	12	12	12
-56.25°	7	7	7	8	8	8	8	8	8	8	7
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-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	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	2	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°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	7	7	6	6	5	5	4	3	3	3	3
55°	12	11	11	10	10	9	8	8	7	6	5
53.75°	16	15	15	14	14	13	13	12	11	10	9
52.5°	20	19	19	18	18	17	17	16	15	14	13
51.25°	23	23	23	22	22	21	20	20	19	18	17
50°	27	27	26	26	25	25	24	23	22	22	21
48.75°	31	30	30	29	29	28	27	27	26	25	24
47.5°	34	34	34	33	32	32	31	30	29	28	27
46.25°	38	38	37	37	36	35	34	34	33	32	31
45°	43	42	42	41	40	39	38	37	36	35	34
43.75°	48	47	46	45	44	43	42	41	40	39	38
42.5°	53	53	52	51	50	49	47	46	44	43	41
41.25°	61	60	58	57	55	54	52	51	49	48	46
40°	69	68	67	65	63	61	59	57	54	52	51
38.75°	79	78	76	74	71	69	67	64	62	59	56
37.5°	90	88	86	84	81	79	76	72	70	66	63
36.25°	102	100	97	94	91	89	85	82	78	75	71
35°	115	113	110	107	104	100	96	92	88	84	80



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	135	131	126	120	117	113	108	104	98	93	89
32.5°	158	154	149	143	136	129	121	116	111	105	99
31.25°	200	189	176	166	159	151	143	134	124	117	110
30°	255	243	230	215	197	179	164	155	145	134	123
28.75°	315	301	284	267	249	230	208	185	165	154	142
27.5°	384	368	349	328	306	281	258	234	208	181	162
26.25°	452	436	416	394	369	342	313	283	255	227	197
25°	515	500	481	459	434	405	374	341	306	272	241
23.75°	570	557	540	519	494	466	435	400	363	325	285
22.5°	610	600	588	570	550	522	492	458	420	379	337
21.25°	639	630	621	608	593	571	544	511	474	433	389
20°	668	658	647	635	622	606	586	558	523	484	440
18.75°	697	687	675	662	647	632	615	595	566	530	487
17.5°	728	716	703	688	673	656	639	621	599	569	530
16.25°	759	747	732	716	698	680	662	642	622	599	566
15°	789	776	761	744	725	705	684	663	642	621	595
13.75°	824	807	789	770	751	730	707	684	662	639	615
12.5°	860	841	820	797	775	753	730	705	680	656	632
11.25°	897	876	852	826	800	775	751	725	698	673	647
10°	931	909	884	855	826	797	770	744	716	688	662
8.75°	960	939	913	884	852	820	789	761	732	703	675
7.5°	985	964	939	909	876	841	807	776	747	716	687
6.25°	1005	985	960	931	897	860	824	789	759	728	697
5°	1021	1001	978	948	915	877	839	802	769	738	706
3.75°	1032	1014	990	962	929	891	851	812	777	746	713
2.5°	1039	1023	999	971	938	900	860	820	784	752	718
1.25°	1042	1027	1005	977	944	906	865	825	787	755	722
0°	1043	1029	1006	980	946	908	867	826	789	756	723
-1.25°	1042	1027	1005	977	944	906	865	825	787	755	722
-2.5°	1039	1023	999	971	938	900	860	820	784	752	718
-3.75°	1032	1014	990	962	929	891	851	812	777	746	713
-5°	1021	1001	978	948	915	877	839	802	769	738	706
-6.25°	1005	985	960	931	897	860	824	789	759	728	697
-7.5°	985	964	939	909	876	841	807	776	747	716	687
-8.75°	960	939	913	884	852	820	789	761	732	703	675
-10°	931	909	884	855	826	797	770	744	716	688	662
-11.25°	897	876	852	826	800	775	751	725	698	673	647
-12.5°	860	841	820	797	775	753	730	705	680	656	632
-13.75°	824	807	789	770	751	730	707	684	662	639	615
-15°	789	776	761	744	725	705	684	663	642	621	595
-16.25°	759	747	732	716	698	680	662	642	622	599	566
-17.5°	728	716	703	688	673	656	639	621	599	569	530
-18.75°	697	687	675	662	647	632	615	595	566	530	487
-20°	668	658	647	635	622	606	586	558	523	484	440
-21.25°	639	630	621	608	593	571	544	511	474	433	389



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	610	600	588	570	550	522	492	458	420	379	337
-23.75°	570	557	540	519	494	466	435	400	363	325	285
-25°	515	500	481	459	434	405	374	341	306	272	241
-26.25°	452	436	416	394	369	342	313	283	255	227	197
-27.5°	384	368	349	328	306	281	258	234	208	181	162
-28.75°	315	301	284	267	249	230	208	185	165	154	142
-30°	255	243	230	215	197	179	164	155	145	134	123
-31.25°	200	189	176	166	159	151	143	134	124	117	110
-32.5°	158	154	149	143	136	129	121	116	111	105	99
-33.75°	135	131	126	120	117	113	108	104	98	93	89
-35°	115	113	110	107	104	100	96	92	88	84	80
-36.25°	102	100	97	94	91	89	85	82	78	75	71
-37.5°	90	88	86	84	81	79	76	72	70	66	63
-38.75°	79	78	76	74	71	69	67	64	62	59	56
-40°	69	68	67	65	63	61	59	57	54	52	51
-41.25°	61	60	58	57	55	54	52	51	49	48	46
-42.5°	53	53	52	51	50	49	47	46	44	43	41
-43.75°	48	47	46	45	44	43	42	41	40	39	38
-45°	43	42	42	41	40	39	38	37	36	35	34
-46.25°	38	38	37	37	36	35	34	34	33	32	31
-47.5°	34	34	34	33	32	32	31	30	29	28	27
-48.75°	31	30	30	29	29	28	27	27	26	25	24
-50°	27	27	26	26	25	25	24	23	22	22	21
-51.25°	23	23	23	22	22	21	20	20	19	18	17
-52.5°	20	19	19	18	18	17	17	16	15	14	13
-53.75°	16	15	15	14	14	13	13	12	11	10	9
-55°	12	11	11	10	10	9	8	8	7	6	5
-56.25°	7	7	6	6	5	5	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	2
-60°	3	3	3	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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°	1	1	1	1	1	1	1	1	0	0	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°	2	2	2	2	2	2	2	1	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	3	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	2	2	2	2
55°	4	3	3	3	3	3	3	3	3	2	2
53.75°	8	7	6	4	3	3	3	3	3	3	3
52.5°	12	11	10	8	7	6	4	3	3	3	3
51.25°	16	15	14	12	11	9	8	6	5	3	3
50°	19	18	17	16	15	13	12	10	8	6	5
48.75°	23	22	21	19	18	17	15	14	12	10	8
47.5°	26	25	24	23	21	20	18	17	15	13	12
46.25°	29	28	27	26	24	23	22	20	18	17	15
45°	33	32	30	29	27	26	25	23	21	20	18
43.75°	36	35	33	32	31	29	27	26	24	22	21
42.5°	40	38	37	35	34	32	30	29	27	25	23
41.25°	44	42	40	39	37	35	33	32	30	28	26
40°	49	46	44	42	40	38	36	34	33	31	29
38.75°	53	51	49	46	44	42	40	37	35	33	31
37.5°	60	56	53	51	48	45	43	41	38	36	34
36.25°	67	63	60	56	53	50	47	44	41	39	37
35°	75	71	67	62	58	54	51	48	45	42	39



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	84	79	74	69	65	60	55	52	49	45	42
32.5°	93	88	82	77	71	66	61	56	52	49	45
31.25°	104	97	91	85	79	73	67	62	57	53	49
30°	115	108	100	93	87	80	74	68	63	57	52
28.75°	130	119	111	103	95	88	81	74	68	62	56
27.5°	149	135	121	113	104	96	88	81	74	67	61
26.25°	167	153	139	124	114	105	96	88	80	73	66
25°	209	175	156	141	125	114	104	95	87	79	71
23.75°	251	216	179	157	141	124	113	103	93	85	77
22.5°	294	255	218	179	156	139	121	111	100	91	82
21.25°	343	297	255	216	175	153	135	119	108	97	88
20°	393	343	294	251	209	167	149	130	115	104	93
18.75°	440	389	337	285	241	197	162	142	123	110	99
17.5°	484	433	379	325	272	227	181	154	134	117	105
16.25°	523	474	420	363	306	255	208	165	145	124	111
15°	558	511	458	400	341	283	234	185	155	134	116
13.75°	586	544	492	435	374	313	258	208	164	143	121
12.5°	606	571	522	466	405	342	281	230	179	151	129
11.25°	622	593	550	494	434	369	306	249	197	159	136
10°	635	608	570	519	459	394	328	267	215	166	143
8.75°	647	621	588	540	481	416	349	284	230	176	149
7.5°	658	630	600	557	500	436	368	301	243	189	154
6.25°	668	639	610	570	515	452	384	315	255	200	158
5°	676	646	618	581	528	465	397	327	264	209	162
3.75°	682	652	623	590	538	475	407	337	271	216	165
2.5°	686	656	627	594	545	483	414	344	277	221	167
1.25°	689	659	629	597	549	487	419	348	280	224	168
0°	690	660	630	598	551	488	420	350	281	225	169
-1.25°	689	659	629	597	549	487	419	348	280	224	168
-2.5°	686	656	627	594	545	483	414	344	277	221	167
-3.75°	682	652	623	590	538	475	407	337	271	216	165
-5°	676	646	618	581	528	465	397	327	264	209	162
-6.25°	668	639	610	570	515	452	384	315	255	200	158
-7.5°	658	630	600	557	500	436	368	301	243	189	154
-8.75°	647	621	588	540	481	416	349	284	230	176	149
-10°	635	608	570	519	459	394	328	267	215	166	143
-11.25°	622	593	550	494	434	369	306	249	197	159	136
-12.5°	606	571	522	466	405	342	281	230	179	151	129
-13.75°	586	544	492	435	374	313	258	208	164	143	121
-15°	558	511	458	400	341	283	234	185	155	134	116
-16.25°	523	474	420	363	306	255	208	165	145	124	111
-17.5°	484	433	379	325	272	227	181	154	134	117	105
-18.75°	440	389	337	285	241	197	162	142	123	110	99
-20°	393	343	294	251	209	167	149	130	115	104	93
-21.25°	343	297	255	216	175	153	135	119	108	97	88





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	294	255	218	179	156	139	121	111	100	91	82
-23.75°	251	216	179	157	141	124	113	103	93	85	77
-25°	209	175	156	141	125	114	104	95	87	79	71
-26.25°	167	153	139	124	114	105	96	88	80	73	66
-27.5°	149	135	121	113	104	96	88	81	74	67	61
-28.75°	130	119	111	103	95	88	81	74	68	62	56
-30°	115	108	100	93	87	80	74	68	63	57	52
-31.25°	104	97	91	85	79	73	67	62	57	53	49
-32.5°	93	88	82	77	71	66	61	56	52	49	45
-33.75°	84	79	74	69	65	60	55	52	49	45	42
-35°	75	71	67	62	58	54	51	48	45	42	39
-36.25°	67	63	60	56	53	50	47	44	41	39	37
-37.5°	60	56	53	51	48	45	43	41	38	36	34
-38.75°	53	51	49	46	44	42	40	37	35	33	31
-40°	49	46	44	42	40	38	36	34	33	31	29
-41.25°	44	42	40	39	37	35	33	32	30	28	26
-42.5°	40	38	37	35	34	32	30	29	27	25	23
-43.75°	36	35	33	32	31	29	27	26	24	22	21
-45°	33	32	30	29	27	26	25	23	21	20	18
-46.25°	29	28	27	26	24	23	22	20	18	17	15
-47.5°	26	25	24	23	21	20	18	17	15	13	12
-48.75°	23	22	21	19	18	17	15	14	12	10	8
-50°	19	18	17	16	15	13	12	10	8	6	5
-51.25°	16	15	14	12	11	9	8	6	5	3	3
-52.5°	12	11	10	8	7	6	4	3	3	3	3
-53.75°	8	7	6	4	3	3	3	3	3	3	3
-55°	4	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	3	3	3	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	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	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	1	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	0
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	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	3	2	2	2	2	2	2	2
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	6	4	3	3	3	3	3	2	2	2	2
47.5°	9	7	5	3	3	3	3	3	2	2	2
46.25°	13	11	8	6	4	3	3	3	3	2	2
45°	16	14	12	9	7	4	3	3	3	3	2
43.75°	19	17	15	12	10	7	5	3	3	3	3
42.5°	22	19	17	15	13	10	8	5	3	3	3
41.25°	24	22	20	18	15	13	10	8	5	3	3
40°	27	25	23	20	18	16	13	10	7	4	3
38.75°	29	27	25	23	20	18	15	13	10	7	4
37.5°	32	29	27	25	23	20	18	15	12	9	6
36.25°	34	32	30	27	25	23	20	17	15	12	8
35°	37	34	32	29	27	25	22	19	17	14	11



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	40	37	34	32	29	27	24	22	19	16	13
32.5°	42	39	37	34	31	29	26	23	21	18	15
31.25°	45	42	39	36	33	31	28	25	22	20	17
30°	49	45	41	38	35	33	30	27	24	21	18
28.75°	52	48	44	41	37	34	32	29	26	23	20
27.5°	55	51	47	43	40	36	33	30	27	25	22
26.25°	60	54	50	45	42	38	35	32	29	26	23
25°	65	58	53	48	44	40	37	34	31	27	24
23.75°	69	62	56	51	46	42	39	35	32	29	26
22.5°	74	67	60	53	49	44	40	37	33	30	27
21.25°	79	71	63	56	51	46	42	38	35	32	28
20°	84	75	67	60	53	49	44	40	36	33	29
18.75°	89	80	71	63	56	51	46	41	38	34	31
17.5°	93	84	75	66	59	52	48	43	39	35	32
16.25°	98	88	78	70	62	54	49	44	40	36	33
15°	104	92	82	72	64	57	51	46	41	37	34
13.75°	108	96	85	76	67	59	52	47	42	38	34
12.5°	113	100	89	79	69	61	54	49	43	39	35
11.25°	117	104	91	81	71	63	55	50	44	40	36
10°	120	107	94	84	74	65	57	51	45	41	37
8.75°	126	110	97	86	76	67	58	52	46	42	37
7.5°	131	113	100	88	78	68	60	53	47	42	38
6.25°	135	115	102	90	79	69	61	53	48	43	38
5°	138	117	104	91	80	70	62	54	48	43	39
3.75°	141	119	105	92	81	71	63	54	49	43	39
2.5°	143	120	106	93	82	72	63	55	49	44	39
1.25°	144	121	107	93	83	72	63	55	49	44	40
0°	145	121	107	93	83	72	64	55	49	44	40
-1.25°	144	121	107	93	83	72	63	55	49	44	40
-2.5°	143	120	106	93	82	72	63	55	49	44	39
-3.75°	141	119	105	92	81	71	63	54	49	43	39
-5°	138	117	104	91	80	70	62	54	48	43	39
-6.25°	135	115	102	90	79	69	61	53	48	43	38
-7.5°	131	113	100	88	78	68	60	53	47	42	38
-8.75°	126	110	97	86	76	67	58	52	46	42	37
-10°	120	107	94	84	74	65	57	51	45	41	37
-11.25°	117	104	91	81	71	63	55	50	44	40	36
-12.5°	113	100	89	79	69	61	54	49	43	39	35
-13.75°	108	96	85	76	67	59	52	47	42	38	34
-15°	104	92	82	72	64	57	51	46	41	37	34
-16.25°	98	88	78	70	62	54	49	44	40	36	33
-17.5°	93	84	75	66	59	52	48	43	39	35	32
-18.75°	89	80	71	63	56	51	46	41	38	34	31
-20°	84	75	67	60	53	49	44	40	36	33	29
-21.25°	79	71	63	56	51	46	42	38	35	32	28



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	74	67	60	53	49	44	40	37	33	30	27
-23.75°	69	62	56	51	46	42	39	35	32	29	26
-25°	65	58	53	48	44	40	37	34	31	27	24
-26.25°	60	54	50	45	42	38	35	32	29	26	23
-27.5°	55	51	47	43	40	36	33	30	27	25	22
-28.75°	52	48	44	41	37	34	32	29	26	23	20
-30°	49	45	41	38	35	33	30	27	24	21	18
-31.25°	45	42	39	36	33	31	28	25	22	20	17
-32.5°	42	39	37	34	31	29	26	23	21	18	15
-33.75°	40	37	34	32	29	27	24	22	19	16	13
-35°	37	34	32	29	27	25	22	19	17	14	11
-36.25°	34	32	30	27	25	23	20	17	15	12	8
-37.5°	32	29	27	25	23	20	18	15	12	9	6
-38.75°	29	27	25	23	20	18	15	13	10	7	4
-40°	27	25	23	20	18	16	13	10	7	4	3
-41.25°	24	22	20	18	15	13	10	8	5	3	3
-42.5°	22	19	17	15	13	10	8	5	3	3	3
-43.75°	19	17	15	12	10	7	5	3	3	3	3
-45°	16	14	12	9	7	4	3	3	3	3	2
-46.25°	13	11	8	6	4	3	3	3	3	2	2
-47.5°	9	7	5	3	3	3	3	3	2	2	2
-48.75°	6	4	3	3	3	3	3	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	3	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-63.75°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	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	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	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°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	0	0	0	0
65°	1	1	1	1	1	1	1	1	1	0	0
63.75°	1	1	1	1	1	1	1	1	1	1	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	2	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	2	1	1
51.25°	2	2	2	2	2	2	2	2	2	2	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	3	2	2	2	2	2	2	2	2	2	2
41.25°	3	3	2	2	2	2	2	2	2	2	2
40°	3	3	2	2	2	2	2	2	2	2	2
38.75°	3	3	3	2	2	2	2	2	2	2	2
37.5°	3	3	3	3	2	2	2	2	2	2	2
36.25°	5	3	3	3	2	2	2	2	2	2	2
35°	7	4	3	3	3	2	2	2	2	2	2



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	9	6	3	3	3	2	2	2	2	2	2
32.5°	12	8	5	3	3	3	2	2	2	2	2
31.25°	13	10	6	3	3	3	2	2	2	2	2
30°	15	12	8	5	3	3	3	2	2	2	2
28.75°	17	14	10	6	3	3	3	2	2	2	2
27.5°	18	15	12	8	4	3	3	3	2	2	2
26.25°	20	17	13	9	6	3	3	3	2	2	2
25°	21	18	15	11	7	3	3	3	2	2	2
23.75°	23	19	16	12	8	4	3	3	2	2	2
22.5°	24	21	17	14	10	6	3	3	3	2	2
21.25°	25	22	18	15	11	7	3	3	3	2	2
20°	26	23	19	16	12	8	4	3	3	2	2
18.75°	27	24	21	17	13	9	5	3	3	2	2
17.5°	28	25	22	18	14	10	6	3	3	3	2
16.25°	29	26	22	19	15	11	7	3	3	3	2
15°	30	27	23	20	16	12	8	3	3	3	2
13.75°	31	27	24	20	17	13	8	4	3	3	2
12.5°	32	28	25	21	17	13	9	5	3	3	2
11.25°	32	29	25	22	18	14	10	5	3	3	2
10°	33	29	26	22	18	14	10	6	3	3	2
8.75°	34	30	26	23	19	15	11	6	3	3	3
7.5°	34	30	27	23	19	15	11	7	3	3	3
6.25°	34	31	27	23	20	16	12	7	3	3	3
5°	35	31	27	24	20	16	12	7	3	3	3
3.75°	35	31	28	24	20	16	12	8	3	3	3
2.5°	35	31	28	24	20	16	12	8	3	3	3
1.25°	35	32	28	24	21	17	12	8	3	3	3
0°	35	32	28	24	21	17	13	8	3	3	3
-1.25°	35	32	28	24	21	17	13	8	3	3	3
-2.5°	35	31	28	24	20	16	12	8	3	3	3
-3.75°	35	31	28	24	20	16	12	8	3	3	3
-5°	35	31	27	24	20	16	12	7	3	3	3
-6.25°	34	31	27	23	20	16	12	7	3	3	3
-7.5°	34	30	27	23	19	15	11	7	3	3	3
-8.75°	34	30	26	23	19	15	11	6	3	3	3
-10°	33	29	26	22	18	14	10	6	3	3	2
-11.25°	32	29	25	22	18	14	10	5	3	3	2
-12.5°	32	28	25	21	17	13	9	5	3	3	2
-13.75°	31	27	24	20	17	13	8	4	3	3	2
-15°	30	27	23	20	16	12	8	3	3	3	2
-16.25°	29	26	22	19	15	11	7	3	3	3	2
-17.5°	28	25	22	18	14	10	6	3	3	3	2
-18.75°	27	24	21	17	13	9	5	3	3	2	2
-20°	26	23	19	16	12	8	4	3	3	2	2
-21.25°	25	22	18	15	11	7	3	3	3	2	2





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	24	21	17	14	10	6	3	3	3	2	2
-23.75°	23	19	16	12	8	4	3	3	2	2	2
-25°	21	18	15	11	7	3	3	3	2	2	2
-26.25°	20	17	13	9	6	3	3	3	2	2	2
-27.5°	18	15	12	8	4	3	3	3	2	2	2
-28.75°	17	14	10	6	3	3	3	2	2	2	2
-30°	15	12	8	5	3	3	3	2	2	2	2
-31.25°	13	10	6	3	3	3	2	2	2	2	2
-32.5°	12	8	5	3	3	3	2	2	2	2	2
-33.75°	9	6	3	3	3	2	2	2	2	2	2
-35°	7	4	3	3	3	2	2	2	2	2	2
-36.25°	5	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	3	2	2	2	2	2	2	2
-38.75°	3	3	3	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	3	2	2	2	2	2	2	2	2	2
-42.5°	3	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	2	1
-52.5°	2	2	2	2	2	2	2	2	2	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	2	1	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	2	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	0
-65°	1	1	1	1	1	1	1	1	1	0	0
-66.25°	1	1	1	1	1	1	1	0	0	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	0	0	0	0	0	0	0	0	0	0
-23.75°	1	0	0	0	0	0	0	0	0	0	0
-25°	1	0	0	0	0	0	0	0	0	0	0
-26.25°	1	0	0	0	0	0	0	0	0	0	0
-27.5°	1	0	0	0	0	0	0	0	0	0	0
-28.75°	1	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P220700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)