

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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29417)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
SPOT OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

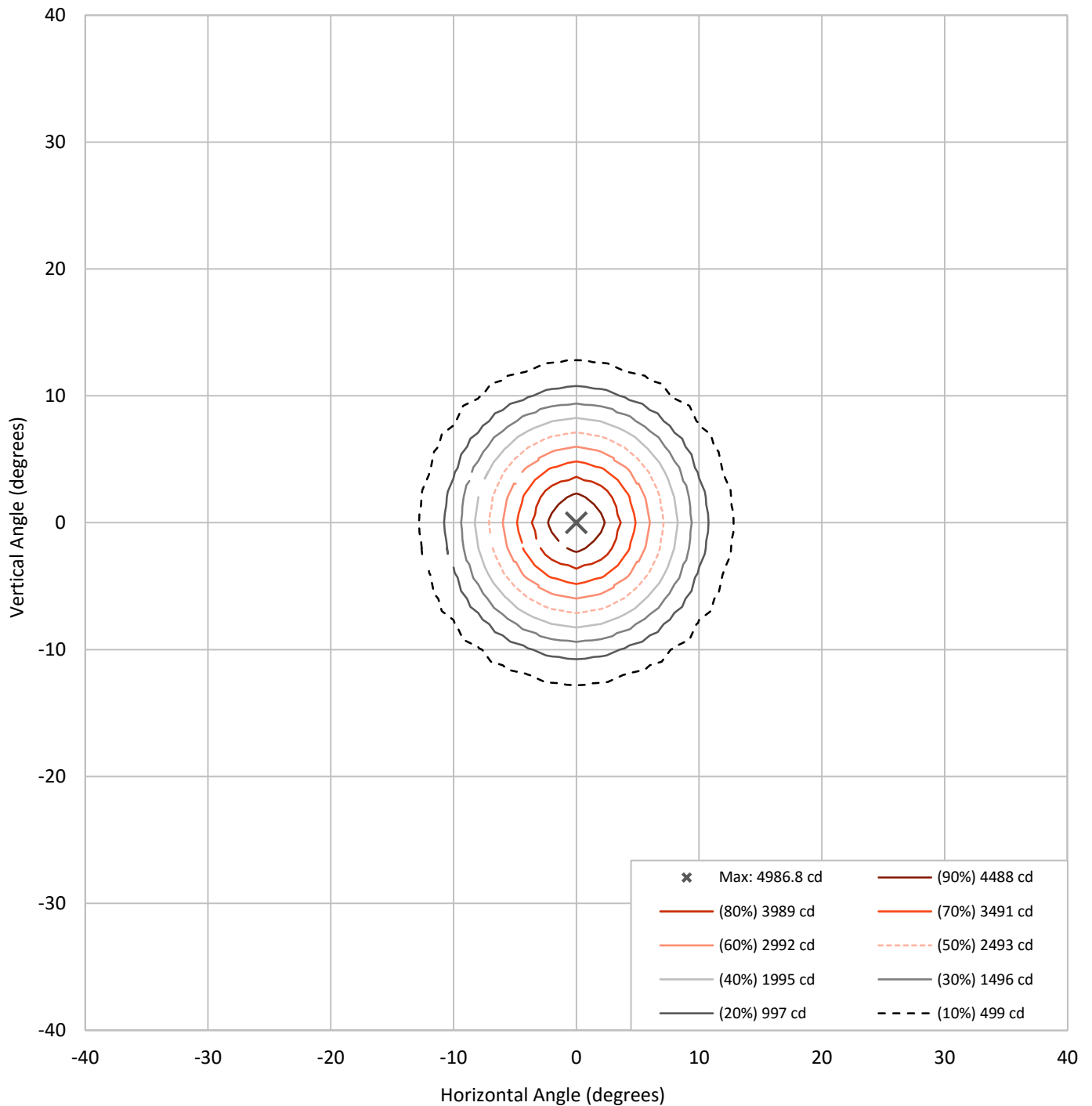
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	395.1 lumens	Max Intensity:	4986.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	39.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.3°H x 14.3°V	Field Angle (10%):	25.1°H x 25.1°V
Beam Lumens:	161.4 lumens	Field Lumens:	298.3 lumens
Beam Efficiency:	40.8%	Field Efficiency:	75.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

### Iso-Candela Plot





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

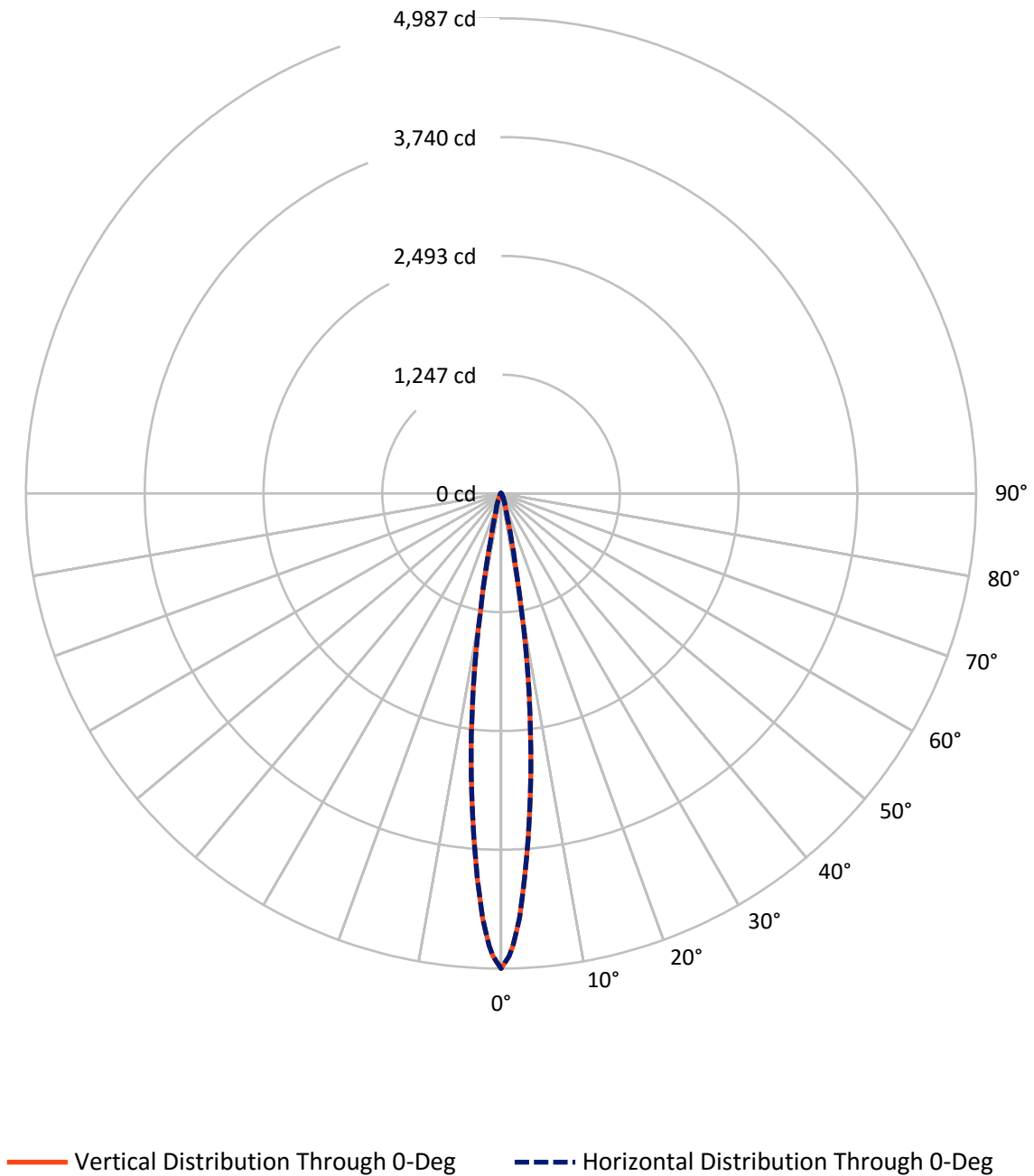
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

### Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									
80	0.0	0.0	0.0	0.1	0.1	0.1	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	0.0	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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0			
40		0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1				
30	0.0	0.0	0.1	0.1	0.2	0.3	0.9	1.7	1.7	0.9	0.3	0.2	0.1	0.1	0.0			
20		0.0	0.1	0.1	0.2	0.8	3.2	8.7	8.7	3.2	0.8	0.2	0.1	0.1				
10	0.0	0.0	0.1	0.1	0.3	1.5	8.5	69.1	69.1	8.5	1.5	0.3	0.1	0.1	0.0			
0		0.0	0.1	0.1	0.3	1.5	8.5	69.1	69.1	8.5	1.5	0.3	0.1	0.1				
-10	0.0	0.0	0.1	0.1	0.2	0.8	3.2	8.7	8.7	3.2	0.8	0.2	0.1	0.1	0.0			
-20		0.0	0.1	0.1	0.2	0.3	0.9	1.7	1.7	0.9	0.3	0.2	0.1	0.1				
-30	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0			
-40		0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
-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			
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									

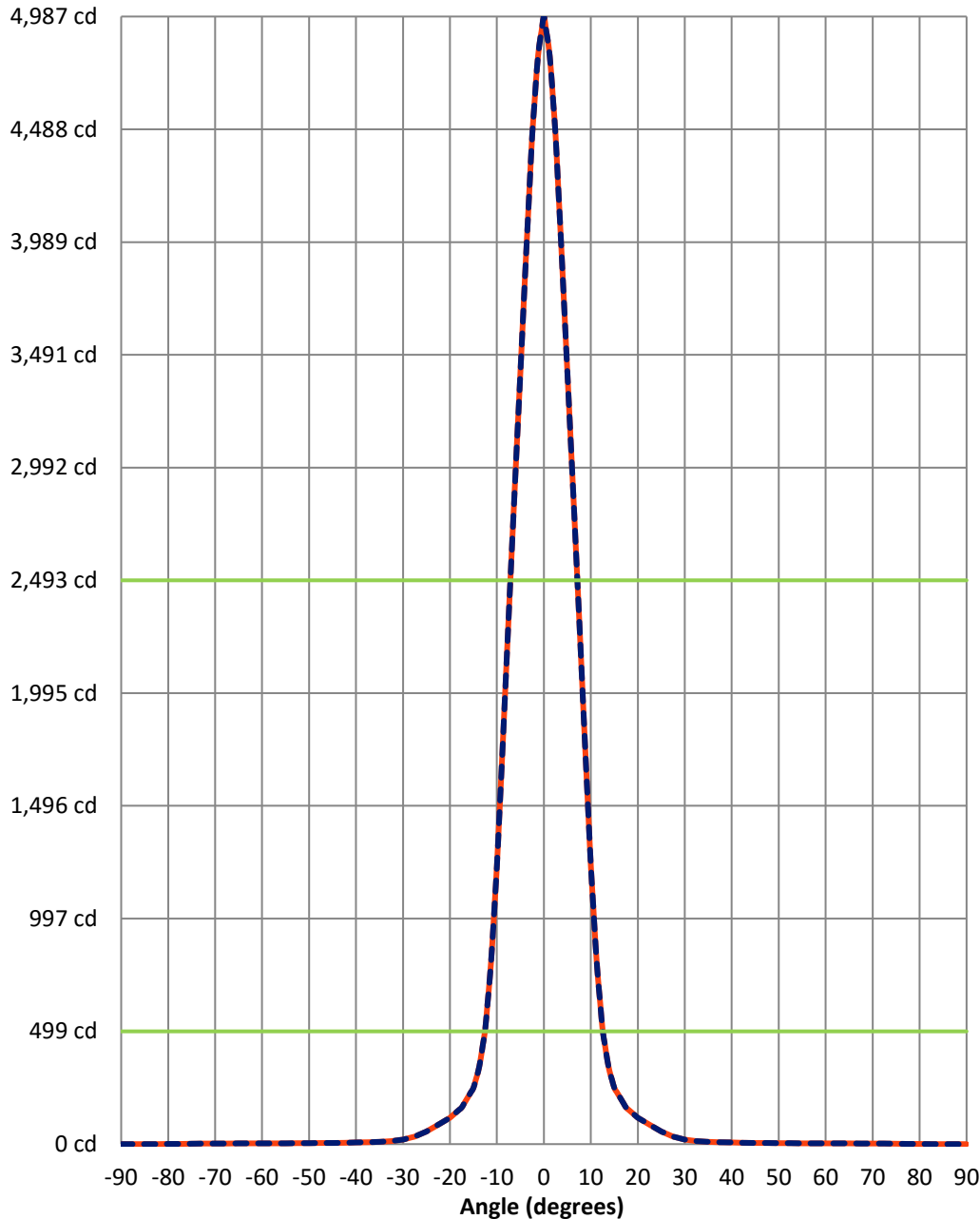
REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.3°  
 V Angle: 14.3°  
 Lumens: 161.4  
 Efficiency: 40.8%

**Field:**  
 H Angle: 25.1°  
 V Angle: 25.1°  
 Lumens: 298.3  
 Efficiency: 75.5%

**Spill:**  
 Lumens: 96.8  
 Efficiency: 24.5%

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	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	1
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
38.75°	0	0	0	0	0	0	0	0	0	0	1
37.5°	0	0	0	0	0	0	0	0	0	0	1
36.25°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	1	1



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	1	1	1
-23.75°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	0	1	1
-26.25°	0	0	0	0	0	0	0	0	0	1	1
-27.5°	0	0	0	0	0	0	0	0	0	1	1
-28.75°	0	0	0	0	0	0	0	0	0	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	1	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-38.75°	0	0	0	0	0	0	0	0	0	0	1
-40°	0	0	0	0	0	0	0	0	0	0	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-42.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	2	2	2	3	3	3	3	3	3
-23.75°	1	1	2	2	2	3	3	3	3	3	3
-25°	1	1	2	2	2	3	3	3	3	3	3
-26.25°	1	1	2	2	2	3	3	3	3	3	3
-27.5°	1	1	1	2	2	3	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	2	2	2	3	3	3	3	3
-32.5°	1	1	1	2	2	2	3	3	3	3	3
-33.75°	1	1	1	2	2	2	3	3	3	3	3
-35°	1	1	1	1	2	2	2	3	3	3	3
-36.25°	1	1	1	1	2	2	2	3	3	3	3
-37.5°	1	1	1	1	2	2	2	3	3	3	3
-38.75°	1	1	1	1	2	2	2	2	3	3	3
-40°	1	1	1	1	1	2	2	2	3	3	3
-41.25°	1	1	1	1	1	2	2	2	3	3	3
-42.5°	1	1	1	1	1	2	2	2	2	3	3
-43.75°	1	1	1	1	1	1	2	2	2	3	3
-45°	1	1	1	1	1	1	2	2	2	2	3
-46.25°	1	1	1	1	1	1	2	2	2	2	3
-47.5°	1	1	1	1	1	1	1	2	2	2	2
-48.75°	0	1	1	1	1	1	1	2	2	2	2
-50°	0	1	1	1	1	1	1	1	2	2	2
-51.25°	0	1	1	1	1	1	1	1	2	2	2
-52.5°	0	1	1	1	1	1	1	1	1	2	2
-53.75°	0	0	1	1	1	1	1	1	1	2	2
-55°	0	0	1	1	1	1	1	1	1	1	2
-56.25°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	1	1	1	1	1	1	1	1
-58.75°	0	0	0	0	1	1	1	1	1	1	1
-60°	0	0	0	0	1	1	1	1	1	1	1
-61.25°	0	0	0	0	0	1	1	1	1	1	1
-62.5°	0	0	0	0	0	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	3	3	3	3	3	3	3	3	3
32.5°	3	3	3	3	3	3	3	3	3	3	3
31.25°	3	3	3	3	3	3	3	3	3	3	3
30°	3	3	3	3	3	3	3	3	3	3	3
28.75°	3	3	3	3	3	3	3	3	3	3	3
27.5°	3	3	3	3	3	3	3	3	3	3	3
26.25°	3	3	3	3	3	3	3	3	3	3	3
25°	3	3	3	3	3	3	3	3	3	3	4
23.75°	3	3	3	3	3	3	3	3	3	3	4
22.5°	3	3	3	3	3	3	3	3	3	3	4
21.25°	3	3	3	3	3	3	3	3	3	4	4
20°	3	3	3	3	3	3	3	3	3	4	4
18.75°	3	3	3	3	3	3	3	3	3	4	4
17.5°	3	3	3	3	3	3	3	3	3	4	4
16.25°	3	3	3	3	3	3	3	3	4	4	4
15°	3	3	3	3	3	3	3	3	4	4	4
13.75°	3	3	3	3	3	3	3	3	4	4	4
12.5°	3	3	3	3	3	3	3	3	4	4	4
11.25°	3	3	3	3	3	3	3	3	4	4	4
10°	3	3	3	3	3	3	3	4	4	4	4
8.75°	3	3	3	3	3	3	3	4	4	4	4
7.5°	3	3	3	3	3	3	3	4	4	4	4
6.25°	3	3	3	3	3	3	3	4	4	4	4
5°	3	3	3	3	3	3	3	4	4	4	4
3.75°	3	3	3	3	3	3	3	4	4	4	4
2.5°	3	3	3	3	3	3	3	4	4	4	4
1.25°	3	3	3	3	3	3	3	4	4	4	4
0°	3	3	3	3	3	3	3	4	4	4	4
-1.25°	3	3	3	3	3	3	3	4	4	4	4
-2.5°	3	3	3	3	3	3	3	4	4	4	4
-3.75°	3	3	3	3	3	3	3	4	4	4	4
-5°	3	3	3	3	3	3	3	4	4	4	4
-6.25°	3	3	3	3	3	3	3	4	4	4	4
-7.5°	3	3	3	3	3	3	3	4	4	4	4
-8.75°	3	3	3	3	3	3	3	4	4	4	4
-10°	3	3	3	3	3	3	3	4	4	4	4
-11.25°	3	3	3	3	3	3	3	3	4	4	4
-12.5°	3	3	3	3	3	3	3	3	4	4	4
-13.75°	3	3	3	3	3	3	3	3	4	4	4
-15°	3	3	3	3	3	3	3	3	4	4	4
-16.25°	3	3	3	3	3	3	3	3	4	4	4
-17.5°	3	3	3	3	3	3	3	3	3	4	4
-18.75°	3	3	3	3	3	3	3	3	3	4	4
-20°	3	3	3	3	3	3	3	3	3	4	4
-21.25°	3	3	3	3	3	3	3	3	3	4	4





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	3	3	3	3	3	3	3	3	3	4
-23.75°	3	3	3	3	3	3	3	3	3	3	4
-25°	3	3	3	3	3	3	3	3	3	3	4
-26.25°	3	3	3	3	3	3	3	3	3	3	3
-27.5°	3	3	3	3	3	3	3	3	3	3	3
-28.75°	3	3	3	3	3	3	3	3	3	3	3
-30°	3	3	3	3	3	3	3	3	3	3	3
-31.25°	3	3	3	3	3	3	3	3	3	3	3
-32.5°	3	3	3	3	3	3	3	3	3	3	3
-33.75°	3	3	3	3	3	3	3	3	3	3	3
-35°	3	3	3	3	3	3	3	3	3	3	3
-36.25°	3	3	3	3	3	3	3	3	3	3	3
-37.5°	3	3	3	3	3	3	3	3	3	3	3
-38.75°	3	3	3	3	3	3	3	3	3	3	3
-40°	3	3	3	3	3	3	3	3	3	3	3
-41.25°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	2	3	3	3	3	3	3	3	3	3	3
-51.25°	2	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	2	2	2	2	2	2	3	3	3	3
-60°	1	1	2	2	2	2	2	2	3	3	3
-61.25°	1	1	1	2	2	2	2	2	2	3	3
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	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	2	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	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	1	1	1	1	1	1
76.25°	0	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	2	2	2
70°	1	1	1	1	1	2	2	2	2	2	2
68.75°	1	1	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	3	3
66.25°	2	2	2	2	2	2	3	3	3	3	3
65°	2	2	2	2	3	3	3	3	3	3	3
63.75°	2	2	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	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	4
42.5°	3	3	3	3	3	3	3	3	3	4	4
41.25°	3	3	3	3	3	3	3	3	4	4	4
40°	3	3	3	3	3	3	3	4	4	4	4
38.75°	3	3	3	3	3	3	4	4	4	4	4
37.5°	3	3	3	3	3	4	4	4	4	4	4
36.25°	3	3	3	3	4	4	4	4	4	4	4
35°	3	3	3	3	4	4	4	4	4	4	5



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	3	3	3	4	4	4	4	4	4	5	5
32.5°	3	3	4	4	4	4	4	4	5	5	5
31.25°	3	3	4	4	4	4	4	4	5	5	5
30°	3	4	4	4	4	4	4	5	5	5	5
28.75°	3	4	4	4	4	4	5	5	5	5	5
27.5°	4	4	4	4	4	4	5	5	5	5	5
26.25°	4	4	4	4	4	5	5	5	5	5	5
25°	4	4	4	4	4	5	5	5	5	5	6
23.75°	4	4	4	4	5	5	5	5	5	6	6
22.5°	4	4	4	4	5	5	5	5	5	6	6
21.25°	4	4	4	5	5	5	5	5	6	6	7
20°	4	4	4	5	5	5	5	5	6	6	7
18.75°	4	4	4	5	5	5	5	5	6	7	7
17.5°	4	4	5	5	5	5	5	6	6	7	8
16.25°	4	4	5	5	5	5	5	6	6	7	8
15°	4	4	5	5	5	5	6	6	7	8	8
13.75°	4	5	5	5	5	5	6	6	7	8	8
12.5°	4	5	5	5	5	5	6	6	7	8	8
11.25°	4	5	5	5	5	5	6	7	7	8	8
10°	4	5	5	5	5	5	6	7	8	8	8
8.75°	4	5	5	5	5	6	6	7	8	8	9
7.5°	4	5	5	5	5	6	6	7	8	8	9
6.25°	5	5	5	5	5	6	6	7	8	8	9
5°	5	5	5	5	5	6	6	7	8	8	9
3.75°	5	5	5	5	5	6	7	7	8	8	9
2.5°	5	5	5	5	5	6	7	7	8	8	9
1.25°	5	5	5	5	5	6	7	7	8	8	9
0°	5	5	5	5	5	6	7	8	8	8	9
-1.25°	5	5	5	5	5	6	7	7	8	8	9
-2.5°	5	5	5	5	5	6	7	7	8	8	9
-3.75°	5	5	5	5	5	6	7	7	8	8	9
-5°	5	5	5	5	5	6	6	7	8	8	9
-6.25°	5	5	5	5	5	6	6	7	8	8	9
-7.5°	4	5	5	5	5	6	6	7	8	8	9
-8.75°	4	5	5	5	5	6	6	7	8	8	9
-10°	4	5	5	5	5	5	6	7	8	8	8
-11.25°	4	5	5	5	5	5	6	7	7	8	8
-12.5°	4	5	5	5	5	5	6	6	7	8	8
-13.75°	4	5	5	5	5	5	6	6	7	8	8
-15°	4	4	5	5	5	5	6	6	7	8	8
-16.25°	4	4	5	5	5	5	5	6	6	7	8
-17.5°	4	4	5	5	5	5	5	6	6	7	8
-18.75°	4	4	4	5	5	5	5	5	6	7	7
-20°	4	4	4	5	5	5	5	5	6	6	7
-21.25°	4	4	4	5	5	5	5	5	6	6	7



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	4	4	5	5	5	5	5	6	6
-23.75°	4	4	4	4	5	5	5	5	5	6	6
-25°	4	4	4	4	4	5	5	5	5	5	6
-26.25°	4	4	4	4	4	5	5	5	5	5	5
-27.5°	4	4	4	4	4	4	5	5	5	5	5
-28.75°	3	4	4	4	4	4	5	5	5	5	5
-30°	3	4	4	4	4	4	4	5	5	5	5
-31.25°	3	3	4	4	4	4	4	4	5	5	5
-32.5°	3	3	4	4	4	4	4	4	5	5	5
-33.75°	3	3	3	4	4	4	4	4	4	5	5
-35°	3	3	3	3	4	4	4	4	4	4	5
-36.25°	3	3	3	3	4	4	4	4	4	4	4
-37.5°	3	3	3	3	3	4	4	4	4	4	4
-38.75°	3	3	3	3	3	3	4	4	4	4	4
-40°	3	3	3	3	3	3	3	4	4	4	4
-41.25°	3	3	3	3	3	3	3	3	4	4	4
-42.5°	3	3	3	3	3	3	3	3	3	4	4
-43.75°	3	3	3	3	3	3	3	3	3	3	4
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	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	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	3	3
-68.75°	1	1	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	1	1
78.75°	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	2	2	2	2
72.5°	1	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	3	3	3	3	3
68.75°	2	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	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	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	4	4	4
48.75°	3	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	4	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	5	5
42.5°	4	4	4	4	4	4	4	5	5	5	5
41.25°	4	4	4	4	4	5	5	5	5	5	5
40°	4	4	4	4	5	5	5	5	5	5	5
38.75°	4	4	5	5	5	5	5	5	5	5	5
37.5°	4	5	5	5	5	5	5	5	5	6	6
36.25°	5	5	5	5	5	5	5	5	6	6	6
35°	5	5	5	5	5	5	6	6	6	7	7



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	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	7	7	8	8	8	8
30°	5	5	6	6	7	7	8	8	8	8	9
28.75°	5	6	6	7	7	8	8	8	8	9	9
27.5°	6	6	6	7	8	8	8	8	9	10	10
26.25°	6	6	7	8	8	8	8	9	10	10	11
25°	6	7	7	8	8	8	9	10	10	11	12
23.75°	7	7	8	8	8	9	10	10	11	13	14
22.5°	7	8	8	8	9	9	10	11	12	14	16
21.25°	7	8	8	9	9	10	11	12	14	16	18
20°	8	8	8	9	10	11	12	13	16	18	21
18.75°	8	8	9	9	10	11	13	15	18	20	25
17.5°	8	8	9	10	11	12	14	17	19	24	29
16.25°	8	9	9	10	12	13	16	18	23	28	33
15°	8	9	10	11	12	14	17	20	26	31	39
13.75°	8	9	10	12	13	16	19	23	29	36	45
12.5°	9	10	11	12	14	17	20	26	32	41	51
11.25°	9	10	11	13	15	18	22	29	35	46	56
10°	9	10	12	13	16	19	25	31	40	50	62
8.75°	9	10	12	14	17	20	27	33	43	54	67
7.5°	10	11	12	15	18	22	28	36	47	58	72
6.25°	10	11	13	15	18	23	30	38	49	62	76
5°	10	11	13	16	19	25	31	41	52	65	80
3.75°	10	11	13	16	19	25	32	42	53	67	82
2.5°	10	12	13	16	20	26	33	44	55	69	84
1.25°	10	12	13	17	20	27	33	44	56	70	85
0°	10	12	13	17	20	27	33	45	56	71	86
-1.25°	10	12	13	17	20	27	33	44	56	70	85
-2.5°	10	12	13	16	20	26	33	44	55	69	84
-3.75°	10	11	13	16	19	25	32	42	53	67	82
-5°	10	11	13	16	19	25	31	41	52	65	80
-6.25°	10	11	13	15	18	23	30	38	49	62	76
-7.5°	10	11	12	15	18	22	28	36	47	58	72
-8.75°	9	10	12	14	17	20	27	33	43	54	67
-10°	9	10	12	13	16	19	25	31	40	50	62
-11.25°	9	10	11	13	15	18	22	29	35	46	56
-12.5°	9	10	11	12	14	17	20	26	32	41	51
-13.75°	8	9	10	12	13	16	19	23	29	36	45
-15°	8	9	10	11	12	14	17	20	26	31	39
-16.25°	8	9	9	10	12	13	16	18	23	28	33
-17.5°	8	8	9	10	11	12	14	17	19	24	29
-18.75°	8	8	9	9	10	11	13	15	18	20	25
-20°	8	8	8	9	10	11	12	13	16	18	21
-21.25°	7	8	8	9	9	10	11	12	14	16	18





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	7	8	8	8	9	9	10	11	12	14	16
-23.75°	7	7	8	8	8	9	10	10	11	13	14
-25°	6	7	7	8	8	8	9	10	10	11	12
-26.25°	6	6	7	8	8	8	8	9	10	10	11
-27.5°	6	6	6	7	8	8	8	8	9	10	10
-28.75°	5	6	6	7	7	8	8	8	8	9	9
-30°	5	5	6	6	7	7	8	8	8	8	9
-31.25°	5	5	5	6	6	7	7	8	8	8	8
-32.5°	5	5	5	5	6	6	6	7	7	8	8
-33.75°	5	5	5	5	5	6	6	6	7	7	8
-35°	5	5	5	5	5	5	6	6	6	7	7
-36.25°	5	5	5	5	5	5	5	5	6	6	6
-37.5°	4	5	5	5	5	5	5	5	5	6	6
-38.75°	4	4	5	5	5	5	5	5	5	5	5
-40°	4	4	4	4	5	5	5	5	5	5	5
-41.25°	4	4	4	4	4	5	5	5	5	5	5
-42.5°	4	4	4	4	4	4	4	5	5	5	5
-43.75°	4	4	4	4	4	4	4	4	4	5	5
-45°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	4	4	4	4	4
-50°	3	3	3	3	3	3	3	3	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	5	5	5	5	5
46.25°	4	4	4	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	6
41.25°	5	5	5	5	5	6	6	6	6	6	6
40°	5	5	5	6	6	6	6	6	7	7	7
38.75°	6	6	6	6	6	7	7	7	7	8	8
37.5°	6	6	7	7	7	8	8	8	8	8	8
36.25°	7	7	7	8	8	8	8	8	8	8	9
35°	7	8	8	8	8	8	8	9	9	9	9



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	8	8	8	8	9	9	9	10	10	10	10
32.5°	8	8	9	9	9	10	10	11	11	12	12
31.25°	9	9	9	10	10	11	12	12	13	13	14
30°	9	10	10	11	12	12	13	14	15	16	17
28.75°	10	11	11	12	13	14	16	17	18	19	20
27.5°	11	12	13	14	16	17	19	20	22	25	27
26.25°	12	13	15	17	18	20	23	26	29	31	33
25°	14	16	18	19	23	26	29	32	35	40	43
23.75°	16	18	20	24	28	31	36	41	46	50	54
22.5°	18	21	25	29	33	39	45	51	56	62	67
21.25°	22	26	30	35	42	49	55	62	69	75	81
20°	26	31	36	44	51	58	66	74	82	89	95
18.75°	30	36	44	52	60	70	79	87	95	102	109
17.5°	35	44	52	61	71	81	90	99	108	116	126
16.25°	42	51	60	71	82	92	102	112	122	134	145
15°	49	58	70	81	92	103	114	127	141	153	168
13.75°	55	66	79	90	102	114	128	144	158	181	205
12.5°	62	74	87	99	112	127	144	160	187	215	241
11.25°	69	82	95	108	122	141	158	187	219	248	298
10°	75	89	102	116	134	153	181	215	248	306	391
8.75°	81	95	109	126	145	168	205	241	298	391	532
7.5°	86	101	115	135	155	188	227	277	366	510	727
6.25°	91	105	121	143	166	206	246	317	445	654	959
5°	94	109	128	149	180	221	273	371	542	818	1205
3.75°	97	112	133	155	191	233	297	414	634	983	1438
2.5°	99	115	136	159	198	241	315	463	723	1119	1615
1.25°	101	116	138	161	203	247	333	495	777	1202	1730
0°	101	117	139	162	205	248	339	506	796	1231	1770
-1.25°	101	116	138	161	203	247	333	495	777	1202	1730
-2.5°	99	115	136	159	198	241	315	463	723	1119	1615
-3.75°	97	112	133	155	191	233	297	414	634	983	1438
-5°	94	109	128	149	180	221	273	371	542	818	1205
-6.25°	91	105	121	143	166	206	246	317	445	654	959
-7.5°	86	101	115	135	155	188	227	277	366	510	727
-8.75°	81	95	109	126	145	168	205	241	298	391	532
-10°	75	89	102	116	134	153	181	215	248	306	391
-11.25°	69	82	95	108	122	141	158	187	219	248	298
-12.5°	62	74	87	99	112	127	144	160	187	215	241
-13.75°	55	66	79	90	102	114	128	144	158	181	205
-15°	49	58	70	81	92	103	114	127	141	153	168
-16.25°	42	51	60	71	82	92	102	112	122	134	145
-17.5°	35	44	52	61	71	81	90	99	108	116	126
-18.75°	30	36	44	52	60	70	79	87	95	102	109
-20°	26	31	36	44	51	58	66	74	82	89	95
-21.25°	22	26	30	35	42	49	55	62	69	75	81



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	18	21	25	29	33	39	45	51	56	62	67
-23.75°	16	18	20	24	28	31	36	41	46	50	54
-25°	14	16	18	19	23	26	29	32	35	40	43
-26.25°	12	13	15	17	18	20	23	26	29	31	33
-27.5°	11	12	13	14	16	17	19	20	22	25	27
-28.75°	10	11	11	12	13	14	16	17	18	19	20
-30°	9	10	10	11	12	12	13	14	15	16	17
-31.25°	9	9	9	10	10	11	12	12	13	13	14
-32.5°	8	8	9	9	9	10	10	11	11	12	12
-33.75°	8	8	8	8	9	9	9	10	10	10	10
-35°	7	8	8	8	8	8	8	9	9	9	9
-36.25°	7	7	7	8	8	8	8	8	8	8	9
-37.5°	6	6	7	7	7	8	8	8	8	8	8
-38.75°	6	6	6	6	6	7	7	7	7	8	8
-40°	5	5	5	6	6	6	6	6	7	7	7
-41.25°	5	5	5	5	5	6	6	6	6	6	6
-42.5°	5	5	5	5	5	5	5	5	5	5	6
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	2	2	2	2	2	2
-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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	3	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	7	7	7	7	7	7	7	6
40°	7	7	7	7	7	7	8	7	7	7	7
38.75°	8	8	8	8	8	8	8	8	8	8	8
37.5°	8	8	8	8	8	8	8	8	8	8	8
36.25°	9	9	9	9	9	9	9	9	9	9	9
35°	10	10	10	10	10	10	10	10	10	10	10



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	11	11	11	11	12	12	12	12	12	11	11
32.5°	12	13	13	13	13	13	13	13	13	13	13
31.25°	15	15	16	16	16	17	17	17	16	16	16
30°	18	18	19	19	20	20	20	20	20	19	19
28.75°	22	23	25	25	26	27	27	27	26	25	25
27.5°	28	30	31	32	33	33	33	33	33	32	31
26.25°	36	38	41	42	44	44	45	44	44	42	41
25°	47	49	52	53	55	56	56	56	55	53	52
23.75°	58	62	65	67	69	70	71	70	69	67	65
22.5°	72	76	80	82	84	85	86	85	84	82	80
21.25°	86	91	94	97	99	101	101	101	99	97	94
20°	101	105	109	112	115	116	117	116	115	112	109
18.75°	115	121	128	133	136	138	139	138	136	133	128
17.5°	135	143	149	155	159	161	162	161	159	155	149
16.25°	155	166	180	191	198	203	205	203	198	191	180
15°	188	206	221	233	241	247	248	247	241	233	221
13.75°	227	246	273	297	315	333	339	333	315	297	273
12.5°	277	317	371	414	463	495	506	495	463	414	371
11.25°	366	445	542	634	723	777	796	777	723	634	542
10°	510	654	818	983	1119	1202	1231	1202	1119	983	818
8.75°	727	959	1205	1438	1615	1730	1770	1730	1615	1438	1205
7.5°	1013	1337	1654	1936	2151	2286	2333	2286	2151	1936	1654
6.25°	1337	1734	2109	2429	2674	2828	2881	2828	2674	2429	2109
5°	1654	2109	2528	2882	3164	3349	3414	3349	3164	2882	2528
3.75°	1936	2429	2882	3286	3626	3864	3951	3864	3626	3286	2882
2.5°	2151	2674	3164	3626	4043	4349	4458	4349	4043	3626	3164
1.25°	2286	2828	3349	3864	4349	4700	4825	4700	4349	3864	3349
0°	2333	2881	3414	3951	4458	4825	4987	4825	4458	3951	3414
-1.25°	2286	2828	3349	3864	4349	4700	4825	4700	4349	3864	3349
-2.5°	2151	2674	3164	3626	4043	4349	4458	4349	4043	3626	3164
-3.75°	1936	2429	2882	3286	3626	3864	3951	3864	3626	3286	2882
-5°	1654	2109	2528	2882	3164	3349	3414	3349	3164	2882	2528
-6.25°	1337	1734	2109	2429	2674	2828	2881	2828	2674	2429	2109
-7.5°	1013	1337	1654	1936	2151	2286	2333	2286	2151	1936	1654
-8.75°	727	959	1205	1438	1615	1730	1770	1730	1615	1438	1205
-10°	510	654	818	983	1119	1202	1231	1202	1119	983	818
-11.25°	366	445	542	634	723	777	796	777	723	634	542
-12.5°	277	317	371	414	463	495	506	495	463	414	371
-13.75°	227	246	273	297	315	333	339	333	315	297	273
-15°	188	206	221	233	241	247	248	247	241	233	221
-16.25°	155	166	180	191	198	203	205	203	198	191	180
-17.5°	135	143	149	155	159	161	162	161	159	155	149
-18.75°	115	121	128	133	136	138	139	138	136	133	128
-20°	101	105	109	112	115	116	117	116	115	112	109
-21.25°	86	91	94	97	99	101	101	101	99	97	94





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	72	76	80	82	84	85	86	85	84	82	80
-23.75°	58	62	65	67	69	70	71	70	69	67	65
-25°	47	49	52	53	55	56	56	56	55	53	52
-26.25°	36	38	41	42	44	44	45	44	44	42	41
-27.5°	28	30	31	32	33	33	33	33	33	32	31
-28.75°	22	23	25	25	26	27	27	27	26	25	25
-30°	18	18	19	19	20	20	20	20	20	19	19
-31.25°	15	15	16	16	16	17	17	17	16	16	16
-32.5°	12	13	13	13	13	13	13	13	13	13	13
-33.75°	11	11	11	11	12	12	12	12	12	11	11
-35°	10	10	10	10	10	10	10	10	10	10	10
-36.25°	9	9	9	9	9	9	9	9	9	9	9
-37.5°	8	8	8	8	8	8	8	8	8	8	8
-38.75°	8	8	8	8	8	8	8	8	8	8	8
-40°	7	7	7	7	7	7	8	7	7	7	7
-41.25°	6	6	6	7	7	7	7	7	7	7	6
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	5	5	5	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	3	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	5	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	4	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	5	5	5	5	5	5	5	5
41.25°	6	6	6	6	6	6	6	6	5	5	5
40°	7	7	7	7	7	6	6	6	6	6	5
38.75°	8	8	8	8	7	7	7	7	6	6	6
37.5°	8	8	8	8	8	8	8	8	7	7	7
36.25°	9	9	9	8	8	8	8	8	8	8	7
35°	10	10	9	9	9	9	8	8	8	8	8



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	11	11	10	10	10	10	9	9	9	8	8
32.5°	13	12	12	12	11	11	10	10	9	9	9
31.25°	15	15	14	13	13	12	12	11	10	10	9
30°	18	18	17	16	15	14	13	12	12	11	10
28.75°	23	22	20	19	18	17	16	14	13	12	11
27.5°	30	28	27	25	22	20	19	17	16	14	13
26.25°	38	36	33	31	29	26	23	20	18	17	15
25°	49	47	43	40	35	32	29	26	23	19	18
23.75°	62	58	54	50	46	41	36	31	28	24	20
22.5°	76	72	67	62	56	51	45	39	33	29	25
21.25°	91	86	81	75	69	62	55	49	42	35	30
20°	105	101	95	89	82	74	66	58	51	44	36
18.75°	121	115	109	102	95	87	79	70	60	52	44
17.5°	143	135	126	116	108	99	90	81	71	61	52
16.25°	166	155	145	134	122	112	102	92	82	71	60
15°	206	188	168	153	141	127	114	103	92	81	70
13.75°	246	227	205	181	158	144	128	114	102	90	79
12.5°	317	277	241	215	187	160	144	127	112	99	87
11.25°	445	366	298	248	219	187	158	141	122	108	95
10°	654	510	391	306	248	215	181	153	134	116	102
8.75°	959	727	532	391	298	241	205	168	145	126	109
7.5°	1337	1013	727	510	366	277	227	188	155	135	115
6.25°	1734	1337	959	654	445	317	246	206	166	143	121
5°	2109	1654	1205	818	542	371	273	221	180	149	128
3.75°	2429	1936	1438	983	634	414	297	233	191	155	133
2.5°	2674	2151	1615	1119	723	463	315	241	198	159	136
1.25°	2828	2286	1730	1202	777	495	333	247	203	161	138
0°	2881	2333	1770	1231	796	506	339	248	205	162	139
-1.25°	2828	2286	1730	1202	777	495	333	247	203	161	138
-2.5°	2674	2151	1615	1119	723	463	315	241	198	159	136
-3.75°	2429	1936	1438	983	634	414	297	233	191	155	133
-5°	2109	1654	1205	818	542	371	273	221	180	149	128
-6.25°	1734	1337	959	654	445	317	246	206	166	143	121
-7.5°	1337	1013	727	510	366	277	227	188	155	135	115
-8.75°	959	727	532	391	298	241	205	168	145	126	109
-10°	654	510	391	306	248	215	181	153	134	116	102
-11.25°	445	366	298	248	219	187	158	141	122	108	95
-12.5°	317	277	241	215	187	160	144	127	112	99	87
-13.75°	246	227	205	181	158	144	128	114	102	90	79
-15°	206	188	168	153	141	127	114	103	92	81	70
-16.25°	166	155	145	134	122	112	102	92	82	71	60
-17.5°	143	135	126	116	108	99	90	81	71	61	52
-18.75°	121	115	109	102	95	87	79	70	60	52	44
-20°	105	101	95	89	82	74	66	58	51	44	36
-21.25°	91	86	81	75	69	62	55	49	42	35	30



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	76	72	67	62	56	51	45	39	33	29	25
-23.75°	62	58	54	50	46	41	36	31	28	24	20
-25°	49	47	43	40	35	32	29	26	23	19	18
-26.25°	38	36	33	31	29	26	23	20	18	17	15
-27.5°	30	28	27	25	22	20	19	17	16	14	13
-28.75°	23	22	20	19	18	17	16	14	13	12	11
-30°	18	18	17	16	15	14	13	12	12	11	10
-31.25°	15	15	14	13	13	12	12	11	10	10	9
-32.5°	13	12	12	12	11	11	10	10	9	9	9
-33.75°	11	11	10	10	10	10	9	9	9	8	8
-35°	10	10	9	9	9	9	8	8	8	8	8
-36.25°	9	9	9	8	8	8	8	8	8	8	7
-37.5°	8	8	8	8	8	8	8	8	7	7	7
-38.75°	8	8	8	8	7	7	7	7	6	6	6
-40°	7	7	7	7	7	6	6	6	6	6	5
-41.25°	6	6	6	6	6	6	6	6	5	5	5
-42.5°	6	6	6	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	4
-47.5°	5	5	5	5	5	5	5	4	4	4	4
-48.75°	5	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	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	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	4	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	4	4	4	4	4	4	4	4	4
43.75°	5	5	5	5	4	4	4	4	4	4	4
42.5°	5	5	5	5	5	5	4	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	4	4	4
40°	5	5	5	5	5	5	5	5	5	4	4
38.75°	6	6	5	5	5	5	5	5	5	5	5
37.5°	6	6	6	6	5	5	5	5	5	5	5
36.25°	7	7	6	6	6	5	5	5	5	5	5
35°	8	7	7	7	6	6	6	5	5	5	5



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	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	9	8	8	8	8	7	7	6	6	5
30°	10	9	9	8	8	8	8	7	7	6	6
28.75°	11	10	9	9	8	8	8	8	7	7	6
27.5°	12	11	10	10	9	8	8	8	8	7	6
26.25°	13	12	11	10	10	9	8	8	8	8	7
25°	16	14	12	11	10	10	9	8	8	8	7
23.75°	18	16	14	13	11	10	10	9	8	8	8
22.5°	21	18	16	14	12	11	10	9	9	8	8
21.25°	26	22	18	16	14	12	11	10	9	9	8
20°	31	26	21	18	16	13	12	11	10	9	8
18.75°	36	30	25	20	18	15	13	11	10	9	9
17.5°	44	35	29	24	19	17	14	12	11	10	9
16.25°	51	42	33	28	23	18	16	13	12	10	9
15°	58	49	39	31	26	20	17	14	12	11	10
13.75°	66	55	45	36	29	23	19	16	13	12	10
12.5°	74	62	51	41	32	26	20	17	14	12	11
11.25°	82	69	56	46	35	29	22	18	15	13	11
10°	89	75	62	50	40	31	25	19	16	13	12
8.75°	95	81	67	54	43	33	27	20	17	14	12
7.5°	101	86	72	58	47	36	28	22	18	15	12
6.25°	105	91	76	62	49	38	30	23	18	15	13
5°	109	94	80	65	52	41	31	25	19	16	13
3.75°	112	97	82	67	53	42	32	25	19	16	13
2.5°	115	99	84	69	55	44	33	26	20	16	13
1.25°	116	101	85	70	56	44	33	27	20	17	13
0°	117	101	86	71	56	45	33	27	20	17	13
-1.25°	116	101	85	70	56	44	33	27	20	17	13
-2.5°	115	99	84	69	55	44	33	26	20	16	13
-3.75°	112	97	82	67	53	42	32	25	19	16	13
-5°	109	94	80	65	52	41	31	25	19	16	13
-6.25°	105	91	76	62	49	38	30	23	18	15	13
-7.5°	101	86	72	58	47	36	28	22	18	15	12
-8.75°	95	81	67	54	43	33	27	20	17	14	12
-10°	89	75	62	50	40	31	25	19	16	13	12
-11.25°	82	69	56	46	35	29	22	18	15	13	11
-12.5°	74	62	51	41	32	26	20	17	14	12	11
-13.75°	66	55	45	36	29	23	19	16	13	12	10
-15°	58	49	39	31	26	20	17	14	12	11	10
-16.25°	51	42	33	28	23	18	16	13	12	10	9
-17.5°	44	35	29	24	19	17	14	12	11	10	9
-18.75°	36	30	25	20	18	15	13	11	10	9	9
-20°	31	26	21	18	16	13	12	11	10	9	8
-21.25°	26	22	18	16	14	12	11	10	9	9	8





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	21	18	16	14	12	11	10	9	9	8	8
-23.75°	18	16	14	13	11	10	10	9	8	8	8
-25°	16	14	12	11	10	10	9	8	8	8	7
-26.25°	13	12	11	10	10	9	8	8	8	8	7
-27.5°	12	11	10	10	9	8	8	8	8	7	6
-28.75°	11	10	9	9	8	8	8	8	7	7	6
-30°	10	9	9	8	8	8	8	7	7	6	6
-31.25°	9	9	8	8	8	8	7	7	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	7	7	7	6	6	6	5	5	5	5
-36.25°	7	7	6	6	6	5	5	5	5	5	5
-37.5°	6	6	6	6	5	5	5	5	5	5	5
-38.75°	6	6	5	5	5	5	5	5	5	5	5
-40°	5	5	5	5	5	5	5	5	5	4	4
-41.25°	5	5	5	5	5	5	5	5	4	4	4
-42.5°	5	5	5	5	5	5	4	4	4	4	4
-43.75°	5	5	5	5	4	4	4	4	4	4	4
-45°	5	5	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	2	2	2	2
-71.25°	3	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	1	1	1
68.75°	3	2	2	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	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°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	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°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	4	3	3	3	3	3	3	3	3	3	3
43.75°	4	4	4	3	3	3	3	3	3	3	3
42.5°	4	4	4	4	3	3	3	3	3	3	3
41.25°	4	4	4	4	4	3	3	3	3	3	3
40°	4	4	4	4	4	4	3	3	3	3	3
38.75°	4	4	4	4	4	4	4	3	3	3	3
37.5°	5	4	4	4	4	4	4	4	3	3	3
36.25°	5	5	4	4	4	4	4	4	4	3	3
35°	5	5	5	4	4	4	4	4	4	3	3



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	5	5	5	5	4	4	4	4	4	4	3
32.5°	5	5	5	5	5	4	4	4	4	4	4
31.25°	5	5	5	5	5	4	4	4	4	4	4
30°	5	5	5	5	5	5	4	4	4	4	4
28.75°	6	5	5	5	5	5	5	4	4	4	4
27.5°	6	6	5	5	5	5	5	4	4	4	4
26.25°	6	6	5	5	5	5	5	5	4	4	4
25°	7	6	6	5	5	5	5	5	4	4	4
23.75°	7	7	6	6	5	5	5	5	5	4	4
22.5°	8	7	6	6	5	5	5	5	5	4	4
21.25°	8	7	7	6	6	5	5	5	5	5	4
20°	8	8	7	6	6	5	5	5	5	5	4
18.75°	8	8	7	7	6	5	5	5	5	5	4
17.5°	8	8	8	7	6	6	5	5	5	5	5
16.25°	9	8	8	7	6	6	5	5	5	5	5
15°	9	8	8	8	7	6	6	5	5	5	5
13.75°	9	8	8	8	7	6	6	5	5	5	5
12.5°	10	9	8	8	7	6	6	5	5	5	5
11.25°	10	9	8	8	7	7	6	5	5	5	5
10°	10	9	8	8	8	7	6	5	5	5	5
8.75°	10	9	9	8	8	7	6	6	5	5	5
7.5°	11	10	9	8	8	7	6	6	5	5	5
6.25°	11	10	9	8	8	7	6	6	5	5	5
5°	11	10	9	8	8	7	6	6	5	5	5
3.75°	11	10	9	8	8	7	7	6	5	5	5
2.5°	12	10	9	8	8	7	7	6	5	5	5
1.25°	12	10	9	8	8	7	7	6	5	5	5
0°	12	10	9	8	8	8	7	6	5	5	5
-1.25°	12	10	9	8	8	7	7	6	5	5	5
-2.5°	12	10	9	8	8	7	7	6	5	5	5
-3.75°	11	10	9	8	8	7	7	6	5	5	5
-5°	11	10	9	8	8	7	6	6	5	5	5
-6.25°	11	10	9	8	8	7	6	6	5	5	5
-7.5°	11	10	9	8	8	7	6	6	5	5	5
-8.75°	10	9	9	8	8	7	6	6	5	5	5
-10°	10	9	8	8	8	7	6	5	5	5	5
-11.25°	10	9	8	8	7	7	6	5	5	5	5
-12.5°	10	9	8	8	7	6	6	5	5	5	5
-13.75°	9	8	8	8	7	6	6	5	5	5	5
-15°	9	8	8	8	7	6	6	5	5	5	5
-16.25°	9	8	8	7	6	6	5	5	5	5	5
-17.5°	8	8	8	7	6	6	5	5	5	5	5
-18.75°	8	8	7	7	6	5	5	5	5	5	4
-20°	8	8	7	6	6	5	5	5	5	5	4
-21.25°	8	7	7	6	6	5	5	5	5	5	4



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	8	7	6	6	5	5	5	5	5	4	4
-23.75°	7	7	6	6	5	5	5	5	5	4	4
-25°	7	6	6	5	5	5	5	5	4	4	4
-26.25°	6	6	5	5	5	5	5	5	4	4	4
-27.5°	6	6	5	5	5	5	5	4	4	4	4
-28.75°	6	5	5	5	5	5	5	4	4	4	4
-30°	5	5	5	5	5	5	4	4	4	4	4
-31.25°	5	5	5	5	5	4	4	4	4	4	4
-32.5°	5	5	5	5	5	4	4	4	4	4	4
-33.75°	5	5	5	5	4	4	4	4	4	4	3
-35°	5	5	5	4	4	4	4	4	4	3	3
-36.25°	5	5	4	4	4	4	4	4	4	3	3
-37.5°	5	4	4	4	4	4	4	4	3	3	3
-38.75°	4	4	4	4	4	4	4	3	3	3	3
-40°	4	4	4	4	4	4	3	3	3	3	3
-41.25°	4	4	4	4	4	3	3	3	3	3	3
-42.5°	4	4	4	4	3	3	3	3	3	3	3
-43.75°	4	4	4	3	3	3	3	3	3	3	3
-45°	4	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	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	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	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°	3	3	3	3	3	3	3	2	2	2	2
-67.5°	3	3	3	3	2	2	2	2	2	2	2
-68.75°	3	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	1	1	1
-71.25°	2	2	2	2	2	1	1	1	1	1	1
-72.5°	2	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	0	0	0



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	0	0
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	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	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	1	1	1	1
62.5°	3	3	2	2	2	2	2	2	1	1	1
61.25°	3	3	3	3	2	2	2	2	2	2	1
60°	3	3	3	3	3	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	3
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	3	3	3
41.25°	3	3	3	3	3	3	3	3	3	3	3
40°	3	3	3	3	3	3	3	3	3	3	3
38.75°	3	3	3	3	3	3	3	3	3	3	3
37.5°	3	3	3	3	3	3	3	3	3	3	3
36.25°	3	3	3	3	3	3	3	3	3	3	3
35°	3	3	3	3	3	3	3	3	3	3	3



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	3	3	3	3	3	3	3	3	3	3	3
32.5°	3	3	3	3	3	3	3	3	3	3	3
31.25°	3	3	3	3	3	3	3	3	3	3	3
30°	4	3	3	3	3	3	3	3	3	3	3
28.75°	4	3	3	3	3	3	3	3	3	3	3
27.5°	4	4	3	3	3	3	3	3	3	3	3
26.25°	4	4	3	3	3	3	3	3	3	3	3
25°	4	4	4	3	3	3	3	3	3	3	3
23.75°	4	4	4	3	3	3	3	3	3	3	3
22.5°	4	4	4	3	3	3	3	3	3	3	3
21.25°	4	4	4	4	3	3	3	3	3	3	3
20°	4	4	4	4	3	3	3	3	3	3	3
18.75°	4	4	4	4	3	3	3	3	3	3	3
17.5°	4	4	4	4	3	3	3	3	3	3	3
16.25°	4	4	4	4	4	3	3	3	3	3	3
15°	4	4	4	4	4	3	3	3	3	3	3
13.75°	5	4	4	4	4	3	3	3	3	3	3
12.5°	5	4	4	4	4	3	3	3	3	3	3
11.25°	5	4	4	4	4	3	3	3	3	3	3
10°	5	4	4	4	4	4	3	3	3	3	3
8.75°	5	4	4	4	4	4	3	3	3	3	3
7.5°	5	4	4	4	4	4	3	3	3	3	3
6.25°	5	5	4	4	4	4	3	3	3	3	3
5°	5	5	4	4	4	4	3	3	3	3	3
3.75°	5	5	4	4	4	4	3	3	3	3	3
2.5°	5	5	4	4	4	4	3	3	3	3	3
1.25°	5	5	4	4	4	4	3	3	3	3	3
0°	5	5	4	4	4	4	3	3	3	3	3
-1.25°	5	5	4	4	4	4	3	3	3	3	3
-2.5°	5	5	4	4	4	4	3	3	3	3	3
-3.75°	5	5	4	4	4	4	3	3	3	3	3
-5°	5	5	4	4	4	4	3	3	3	3	3
-6.25°	5	5	4	4	4	4	3	3	3	3	3
-7.5°	5	4	4	4	4	4	3	3	3	3	3
-8.75°	5	4	4	4	4	4	3	3	3	3	3
-10°	5	4	4	4	4	4	3	3	3	3	3
-11.25°	5	4	4	4	4	3	3	3	3	3	3
-12.5°	5	4	4	4	4	3	3	3	3	3	3
-13.75°	5	4	4	4	4	3	3	3	3	3	3
-15°	4	4	4	4	4	3	3	3	3	3	3
-16.25°	4	4	4	4	4	3	3	3	3	3	3
-17.5°	4	4	4	4	3	3	3	3	3	3	3
-18.75°	4	4	4	4	3	3	3	3	3	3	3
-20°	4	4	4	4	3	3	3	3	3	3	3
-21.25°	4	4	4	4	3	3	3	3	3	3	3





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	3	3	3	3	3	3	3	3
-23.75°	4	4	4	3	3	3	3	3	3	3	3
-25°	4	4	4	3	3	3	3	3	3	3	3
-26.25°	4	4	3	3	3	3	3	3	3	3	3
-27.5°	4	4	3	3	3	3	3	3	3	3	3
-28.75°	4	3	3	3	3	3	3	3	3	3	3
-30°	4	3	3	3	3	3	3	3	3	3	3
-31.25°	3	3	3	3	3	3	3	3	3	3	3
-32.5°	3	3	3	3	3	3	3	3	3	3	3
-33.75°	3	3	3	3	3	3	3	3	3	3	3
-35°	3	3	3	3	3	3	3	3	3	3	3
-36.25°	3	3	3	3	3	3	3	3	3	3	3
-37.5°	3	3	3	3	3	3	3	3	3	3	3
-38.75°	3	3	3	3	3	3	3	3	3	3	3
-40°	3	3	3	3	3	3	3	3	3	3	3
-41.25°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	3	3	3
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	3	2	2	2	2	2	2
-61.25°	3	3	3	3	2	2	2	2	2	2	1
-62.5°	3	3	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	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	0	0
-73.75°	1	1	1	1	1	1	1	0	0	0	0
-75°	1	1	1	1	1	0	0	0	0	0	0
-76.25°	1	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	3	3	3	3	3	3	3	3	2	2	2
-23.75°	3	3	3	3	3	3	3	3	2	2	2
-25°	3	3	3	3	3	3	3	3	2	2	2
-26.25°	3	3	3	3	3	3	3	3	2	2	2
-27.5°	3	3	3	3	3	3	3	3	2	2	1
-28.75°	3	3	3	3	3	3	3	2	2	2	1
-30°	3	3	3	3	3	3	3	2	2	2	1
-31.25°	3	3	3	3	3	3	3	2	2	2	1
-32.5°	3	3	3	3	3	3	3	2	2	2	1
-33.75°	3	3	3	3	3	3	3	2	2	2	1
-35°	3	3	3	3	3	3	2	2	2	1	1
-36.25°	3	3	3	3	3	3	2	2	2	1	1
-37.5°	3	3	3	3	3	3	2	2	2	1	1
-38.75°	3	3	3	3	3	2	2	2	2	1	1
-40°	3	3	3	3	3	2	2	2	1	1	1
-41.25°	3	3	3	3	3	2	2	2	1	1	1
-42.5°	3	3	3	3	2	2	2	2	1	1	1
-43.75°	3	3	3	3	2	2	2	1	1	1	1
-45°	3	3	3	2	2	2	2	1	1	1	1
-46.25°	3	3	3	2	2	2	2	1	1	1	1
-47.5°	3	3	2	2	2	2	1	1	1	1	1
-48.75°	3	3	2	2	2	2	1	1	1	1	1
-50°	3	2	2	2	2	1	1	1	1	1	1
-51.25°	3	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	0
-57.5°	2	1	1	1	1	1	1	1	1	1	0
-58.75°	2	1	1	1	1	1	1	1	1	0	0
-60°	1	1	1	1	1	1	1	1	1	0	0
-61.25°	1	1	1	1	1	1	1	1	0	0	0
-62.5°	1	1	1	1	1	1	1	1	0	0	0
-63.75°	1	1	1	1	1	1	1	0	0	0	0
-65°	1	1	1	1	1	1	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	1	0	0	0	0	0	0	0	0	0	0
51.25°	1	0	0	0	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0	0	0	0	0
48.75°	1	0	0	0	0	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0	0	0	0	0
46.25°	1	1	0	0	0	0	0	0	0	0	0
45°	1	1	0	0	0	0	0	0	0	0	0
43.75°	1	1	0	0	0	0	0	0	0	0	0
42.5°	1	1	1	0	0	0	0	0	0	0	0
41.25°	1	1	1	0	0	0	0	0	0	0	0
40°	1	1	1	0	0	0	0	0	0	0	0
38.75°	1	1	1	0	0	0	0	0	0	0	0
37.5°	1	1	1	0	0	0	0	0	0	0	0
36.25°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	1	0	0	0	0	0	0	0



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	1	1	1	1	0	0	0	0	0	0	0
32.5°	1	1	1	1	0	0	0	0	0	0	0
31.25°	1	1	1	1	0	0	0	0	0	0	0
30°	1	1	1	1	0	0	0	0	0	0	0
28.75°	1	1	1	1	0	0	0	0	0	0	0
27.5°	1	1	1	1	0	0	0	0	0	0	0
26.25°	1	1	1	1	0	0	0	0	0	0	0
25°	1	1	1	1	0	0	0	0	0	0	0
23.75°	1	1	1	1	1	0	0	0	0	0	0
22.5°	1	1	1	1	1	0	0	0	0	0	0
21.25°	1	1	1	1	1	0	0	0	0	0	0
20°	1	1	1	1	1	0	0	0	0	0	0
18.75°	1	1	1	1	1	0	0	0	0	0	0
17.5°	1	1	1	1	1	0	0	0	0	0	0
16.25°	1	1	1	1	1	0	0	0	0	0	0
15°	2	1	1	1	1	0	0	0	0	0	0
13.75°	2	1	1	1	1	0	0	0	0	0	0
12.5°	2	1	1	1	1	0	0	0	0	0	0
11.25°	2	1	1	1	1	0	0	0	0	0	0
10°	2	1	1	1	1	0	0	0	0	0	0
8.75°	2	1	1	1	1	0	0	0	0	0	0
7.5°	2	1	1	1	1	0	0	0	0	0	0
6.25°	2	1	1	1	1	0	0	0	0	0	0
5°	2	1	1	1	1	0	0	0	0	0	0
3.75°	2	1	1	1	1	0	0	0	0	0	0
2.5°	2	1	1	1	1	0	0	0	0	0	0
1.25°	2	1	1	1	1	0	0	0	0	0	0
0°	2	1	1	1	1	0	0	0	0	0	0
-1.25°	2	1	1	1	1	0	0	0	0	0	0
-2.5°	2	1	1	1	1	0	0	0	0	0	0
-3.75°	2	1	1	1	1	0	0	0	0	0	0
-5°	2	1	1	1	1	0	0	0	0	0	0
-6.25°	2	1	1	1	1	0	0	0	0	0	0
-7.5°	2	1	1	1	1	0	0	0	0	0	0
-8.75°	2	1	1	1	1	0	0	0	0	0	0
-10°	2	1	1	1	1	0	0	0	0	0	0
-11.25°	2	1	1	1	1	0	0	0	0	0	0
-12.5°	2	1	1	1	1	0	0	0	0	0	0
-13.75°	2	1	1	1	1	0	0	0	0	0	0
-15°	2	1	1	1	1	0	0	0	0	0	0
-16.25°	1	1	1	1	1	0	0	0	0	0	0
-17.5°	1	1	1	1	1	0	0	0	0	0	0
-18.75°	1	1	1	1	1	0	0	0	0	0	0
-20°	1	1	1	1	1	0	0	0	0	0	0
-21.25°	1	1	1	1	1	0	0	0	0	0	0





REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	0	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	0	0	0	0	0	0	0
-26.25°	1	1	1	1	0	0	0	0	0	0	0
-27.5°	1	1	1	1	0	0	0	0	0	0	0
-28.75°	1	1	1	1	0	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	1	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	1	0	0	0	0	0	0	0	0
-38.75°	1	1	1	0	0	0	0	0	0	0	0
-40°	1	1	1	0	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-43.75°	1	1	0	0	0	0	0	0	0	0	0
-45°	1	1	0	0	0	0	0	0	0	0	0
-46.25°	1	1	0	0	0	0	0	0	0	0	0
-47.5°	1	1	0	0	0	0	0	0	0	0	0
-48.75°	1	0	0	0	0	0	0	0	0	0	0
-50°	1	0	0	0	0	0	0	0	0	0	0
-51.25°	1	0	0	0	0	0	0	0	0	0	0
-52.5°	1	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: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220376 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)