

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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220374 (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-LED3097-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
SPOT OPTIC, WHITE HOUSING.  
Light Source: (1) 3000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

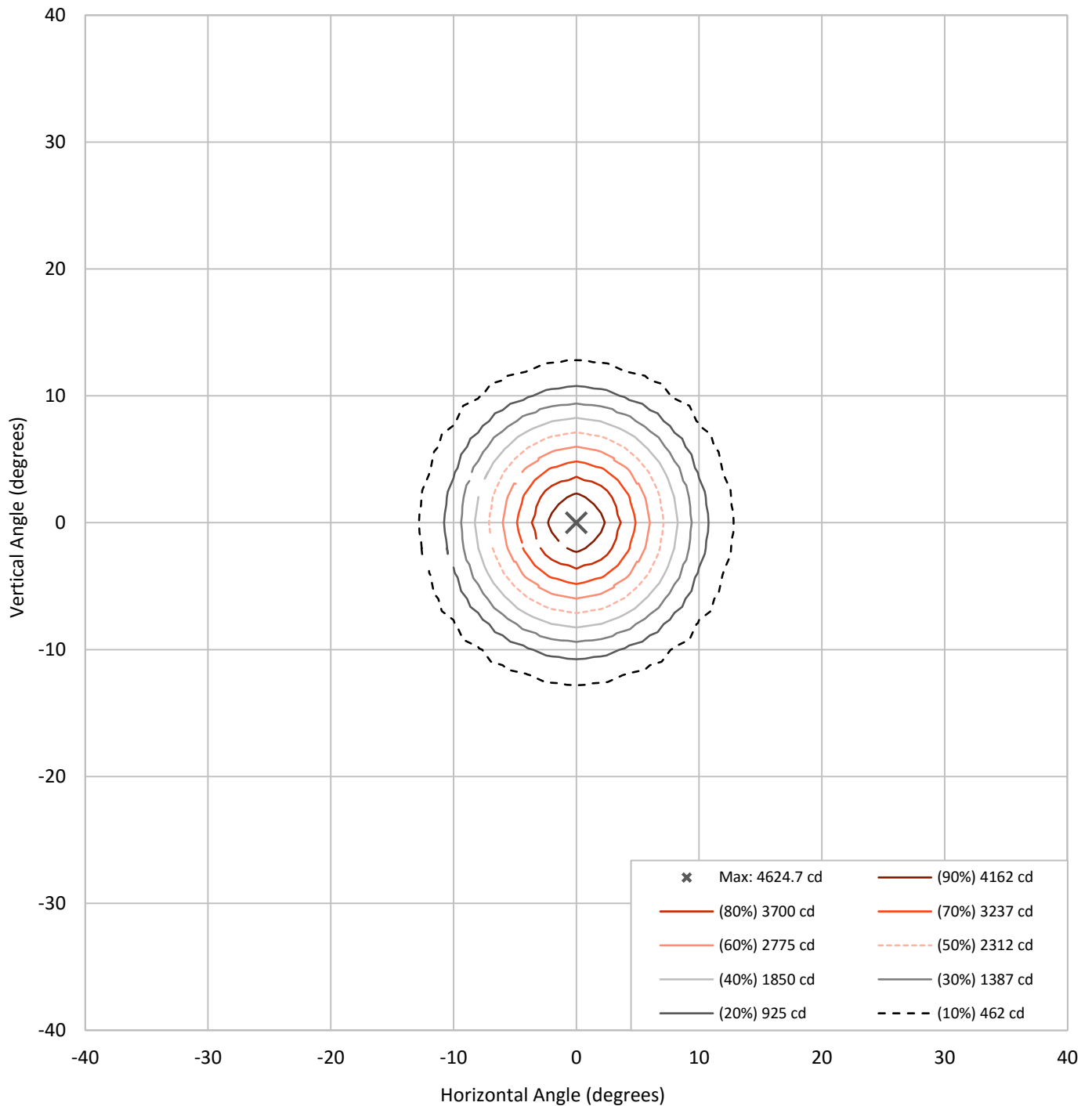
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	366.5 lumens	Max Intensity:	4624.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	36.6 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:	149.7 lumens	Field Lumens:	276.6 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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

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

### Iso-Candela Plot





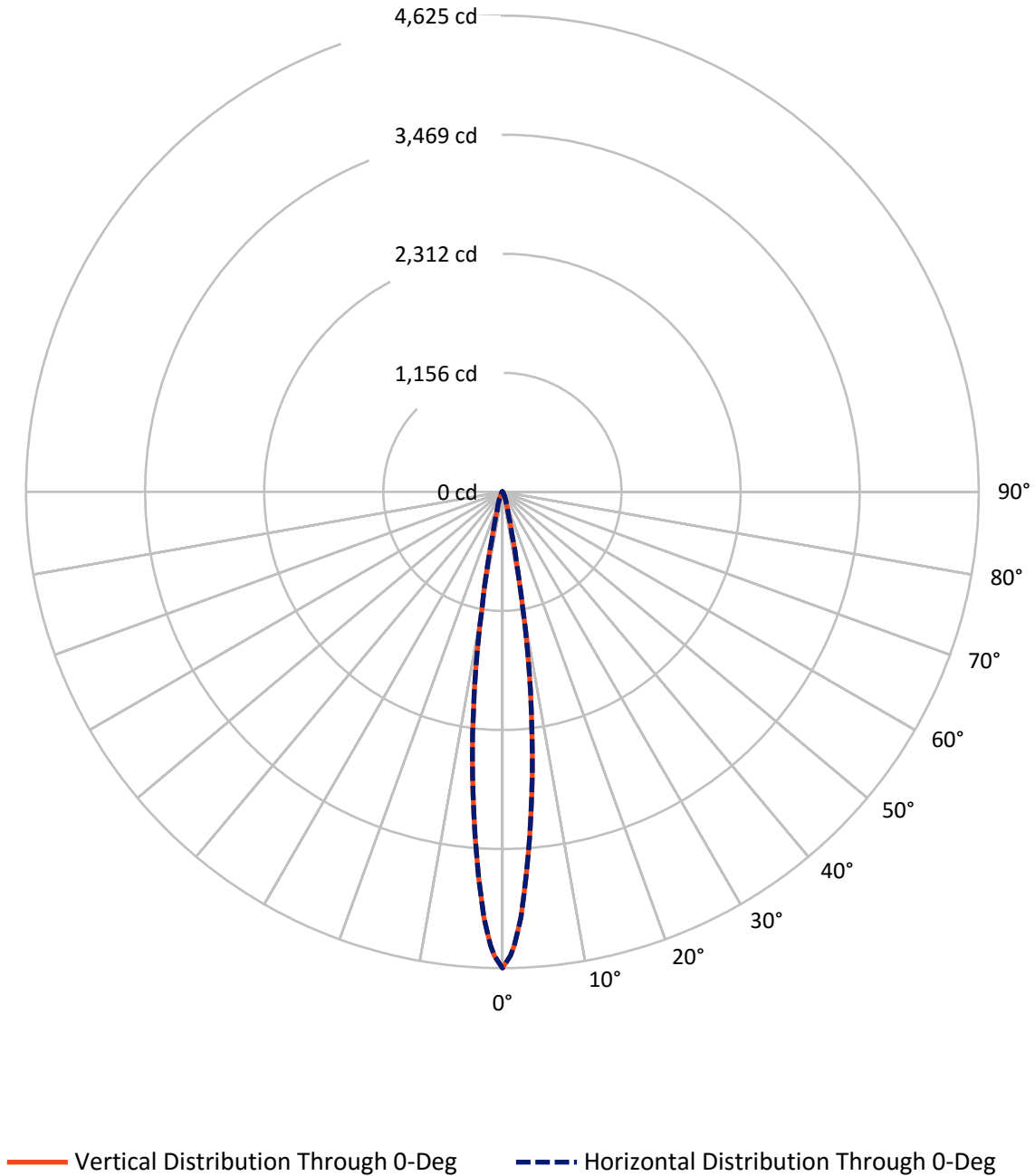
REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-S-WT-L1-UNV

### 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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			
40		0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1				
30	0.0	0.0	0.1	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.1	0.0	0.0		
20		0.0	0.1	0.1	0.2	0.8	2.9	8.1	8.1	2.9	0.8	0.2	0.1	0.1				
10	0.0	0.0	0.1	0.1	0.3	1.4	7.9	64.1	64.1	7.9	1.4	0.3	0.1	0.1	0.0	0.0		
0		0.0	0.1	0.1	0.3	1.4	7.9	64.1	64.1	7.9	1.4	0.3	0.1	0.1				
-10	0.0	0.0	0.1	0.1	0.2	0.8	2.9	8.1	8.1	2.9	0.8	0.2	0.1	0.1	0.0	0.0		
-20		0.0	0.1	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.1				
-30	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0		
-40		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				
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0		
-60		0.0	0.0	0.0	0.1	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	0.0	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	0.0	0.0					
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									

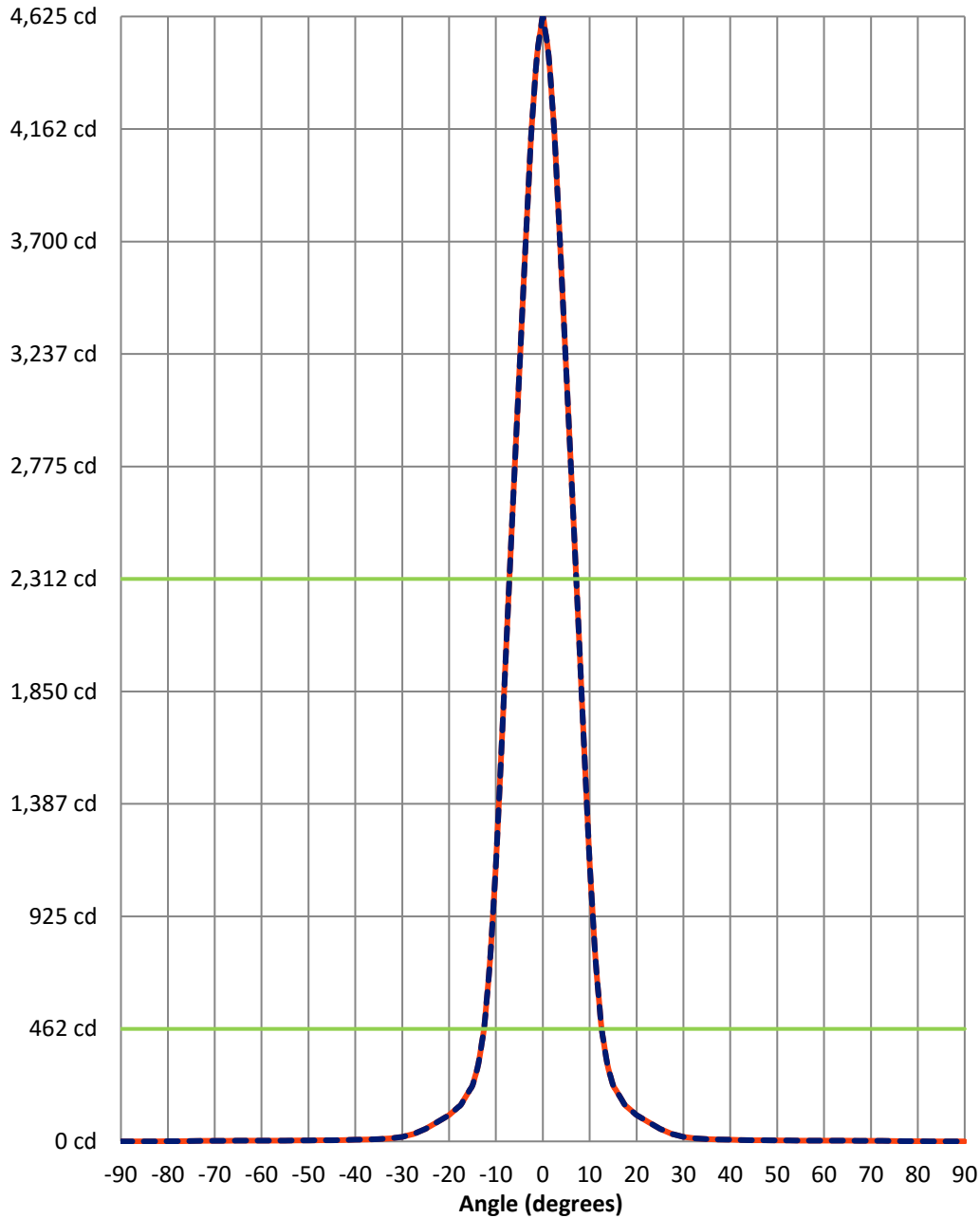
REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-S-WT-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-S-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.3°  
 V Angle: 14.3°  
 Lumens: 149.7  
 Efficiency: 40.8%

**Field:**  
 H Angle: 25.1°  
 V Angle: 25.1°  
 Lumens: 276.6  
 Efficiency: 75.5%

**Spill:**  
 Lumens: 89.9  
 Efficiency: 24.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1
53.75°	0	0	1	1	1	1	1	1	1	1	2
52.5°	0	1	1	1	1	1	1	1	1	1	2
51.25°	0	1	1	1	1	1	1	1	1	2	2
50°	0	1	1	1	1	1	1	1	2	2	2
48.75°	0	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	1	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	1	2	2	2	2
43.75°	1	1	1	1	1	1	2	2	2	2	2
42.5°	1	1	1	1	1	1	2	2	2	2	2
41.25°	1	1	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	1	2	2	2	2	2	2
38.75°	1	1	1	1	1	2	2	2	2	2	2
37.5°	1	1	1	1	1	2	2	2	2	2	2
36.25°	1	1	1	1	2	2	2	2	2	2	2
35°	1	1	1	1	2	2	2	2	2	2	2



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	2	2	2	2	2	2	2
32.5°	1	1	1	1	2	2	2	2	2	2	2
31.25°	1	1	1	1	2	2	2	2	2	2	2
30°	1	1	1	2	2	2	2	2	2	2	2
28.75°	1	1	1	2	2	2	2	2	2	2	2
27.5°	1	1	1	2	2	2	2	2	2	2	2
26.25°	1	1	1	2	2	2	2	2	2	2	3
25°	1	1	1	2	2	2	2	2	2	2	3
23.75°	1	1	1	2	2	2	2	2	2	2	3
22.5°	1	1	1	2	2	2	2	2	2	2	3
21.25°	1	1	2	2	2	2	2	2	2	3	3
20°	1	1	2	2	2	2	2	2	2	3	3
18.75°	1	1	2	2	2	2	2	2	2	3	3
17.5°	1	1	2	2	2	2	2	2	2	3	3
16.25°	1	1	2	2	2	2	2	2	2	3	3
15°	1	1	2	2	2	2	2	2	2	3	3
13.75°	1	1	2	2	2	2	2	2	2	3	3
12.5°	1	1	2	2	2	2	2	2	3	3	3
11.25°	1	1	2	2	2	2	2	2	3	3	3
10°	1	1	2	2	2	2	2	2	3	3	3
8.75°	1	1	2	2	2	2	2	2	3	3	3
7.5°	1	1	2	2	2	2	2	2	3	3	3
6.25°	1	1	2	2	2	2	2	2	3	3	3
5°	1	1	2	2	2	2	2	2	3	3	3
3.75°	1	1	2	2	2	2	2	2	3	3	3
2.5°	1	1	2	2	2	2	2	2	3	3	3
1.25°	1	1	2	2	2	2	2	2	3	3	3
0°	1	2	2	2	2	2	2	2	3	3	3
-1.25°	1	1	2	2	2	2	2	2	3	3	3
-2.5°	1	1	2	2	2	2	2	2	3	3	3
-3.75°	1	1	2	2	2	2	2	2	3	3	3
-5°	1	1	2	2	2	2	2	2	3	3	3
-6.25°	1	1	2	2	2	2	2	2	3	3	3
-7.5°	1	1	2	2	2	2	2	2	3	3	3
-8.75°	1	1	2	2	2	2	2	2	3	3	3
-10°	1	1	2	2	2	2	2	2	3	3	3
-11.25°	1	1	2	2	2	2	2	2	3	3	3
-12.5°	1	1	2	2	2	2	2	2	3	3	3
-13.75°	1	1	2	2	2	2	2	2	2	3	3
-15°	1	1	2	2	2	2	2	2	2	3	3
-16.25°	1	1	2	2	2	2	2	2	2	3	3
-17.5°	1	1	2	2	2	2	2	2	2	3	3
-18.75°	1	1	2	2	2	2	2	2	2	3	3
-20°	1	1	2	2	2	2	2	2	2	3	3
-21.25°	1	1	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	2	2	2	2	2	2	2	3
-23.75°	1	1	1	2	2	2	2	2	2	2	3
-25°	1	1	1	2	2	2	2	2	2	2	3
-26.25°	1	1	1	2	2	2	2	2	2	2	3
-27.5°	1	1	1	2	2	2	2	2	2	2	2
-28.75°	1	1	1	2	2	2	2	2	2	2	2
-30°	1	1	1	2	2	2	2	2	2	2	2
-31.25°	1	1	1	1	2	2	2	2	2	2	2
-32.5°	1	1	1	1	2	2	2	2	2	2	2
-33.75°	1	1	1	1	2	2	2	2	2	2	2
-35°	1	1	1	1	2	2	2	2	2	2	2
-36.25°	1	1	1	1	2	2	2	2	2	2	2
-37.5°	1	1	1	1	1	2	2	2	2	2	2
-38.75°	1	1	1	1	1	2	2	2	2	2	2
-40°	1	1	1	1	1	2	2	2	2	2	2
-41.25°	1	1	1	1	1	1	2	2	2	2	2
-42.5°	1	1	1	1	1	1	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	2	2	2	2
-45°	1	1	1	1	1	1	1	2	2	2	2
-46.25°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	0	1	1	1	1	1	1	1	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	1	2	2
-52.5°	0	1	1	1	1	1	1	1	1	1	2
-53.75°	0	0	1	1	1	1	1	1	1	1	2
-55°	0	0	1	1	1	1	1	1	1	1	1
-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	2
65°	1	1	1	1	1	1	1	1	1	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	1	2	2	2	2	2	2
60°	1	1	1	2	2	2	2	2	2	2	2
58.75°	1	1	2	2	2	2	2	2	2	2	2
57.5°	1	1	2	2	2	2	2	2	2	2	2
56.25°	1	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	2	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	2	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	3	3	3	3	3
45°	2	2	2	2	2	3	3	3	3	3	3
43.75°	2	2	2	2	2	3	3	3	3	3	3
42.5°	2	2	2	2	3	3	3	3	3	3	3
41.25°	2	2	2	2	3	3	3	3	3	3	3
40°	2	2	2	3	3	3	3	3	3	3	3
38.75°	2	2	2	3	3	3	3	3	3	3	3
37.5°	2	2	3	3	3	3	3	3	3	3	3
36.25°	2	2	3	3	3	3	3	3	3	3	3
35°	2	3	3	3	3	3	3	3	3	3	3



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	2	3	3	3	3	3	3	3	3	3	3
32.5°	2	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	3
23.75°	3	3	3	3	3	3	3	3	3	3	3
22.5°	3	3	3	3	3	3	3	3	3	3	4
21.25°	3	3	3	3	3	3	3	3	3	3	4
20°	3	3	3	3	3	3	3	3	3	3	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	3	4	4
15°	3	3	3	3	3	3	3	3	3	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	3	4	4	4
8.75°	3	3	3	3	3	3	3	3	4	4	4
7.5°	3	3	3	3	3	3	3	3	4	4	4
6.25°	3	3	3	3	3	3	3	3	4	4	4
5°	3	3	3	3	3	3	3	3	4	4	4
3.75°	3	3	3	3	3	3	3	3	4	4	4
2.5°	3	3	3	3	3	3	3	3	4	4	4
1.25°	3	3	3	3	3	3	3	3	4	4	4
0°	3	3	3	3	3	3	3	4	4	4	4
-1.25°	3	3	3	3	3	3	3	3	4	4	4
-2.5°	3	3	3	3	3	3	3	3	4	4	4
-3.75°	3	3	3	3	3	3	3	3	4	4	4
-5°	3	3	3	3	3	3	3	3	4	4	4
-6.25°	3	3	3	3	3	3	3	3	4	4	4
-7.5°	3	3	3	3	3	3	3	3	4	4	4
-8.75°	3	3	3	3	3	3	3	3	4	4	4
-10°	3	3	3	3	3	3	3	3	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	3	4	4
-16.25°	3	3	3	3	3	3	3	3	3	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	3	4
-21.25°	3	3	3	3	3	3	3	3	3	3	4





REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	3
-25°	3	3	3	3	3	3	3	3	3	3	3
-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°	2	3	3	3	3	3	3	3	3	3	3
-33.75°	2	3	3	3	3	3	3	3	3	3	3
-35°	2	3	3	3	3	3	3	3	3	3	3
-36.25°	2	2	3	3	3	3	3	3	3	3	3
-37.5°	2	2	3	3	3	3	3	3	3	3	3
-38.75°	2	2	2	3	3	3	3	3	3	3	3
-40°	2	2	2	3	3	3	3	3	3	3	3
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	3	3	3	3	3	3	3
-43.75°	2	2	2	2	2	3	3	3	3	3	3
-45°	2	2	2	2	2	3	3	3	3	3	3
-46.25°	2	2	2	2	2	2	3	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	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°	1	2	2	2	2	2	2	2	2	2	2
-57.5°	1	1	2	2	2	2	2	2	2	2	2
-58.75°	1	1	2	2	2	2	2	2	2	2	2
-60°	1	1	1	2	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	1	2
70°	1	1	1	1	1	1	1	2	2	2	2
68.75°	1	1	1	1	2	2	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	3	3
58.75°	2	2	2	2	2	2	2	3	3	3	3
57.5°	2	2	2	2	2	3	3	3	3	3	3
56.25°	2	2	2	3	3	3	3	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	2	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	3
42.5°	3	3	3	3	3	3	3	3	3	3	4
41.25°	3	3	3	3	3	3	3	3	3	4	4
40°	3	3	3	3	3	3	3	3	4	4	4
38.75°	3	3	3	3	3	3	3	4	4	4	4
37.5°	3	3	3	3	3	3	4	4	4	4	4
36.25°	3	3	3	3	3	4	4	4	4	4	4
35°	3	3	3	3	4	4	4	4	4	4	4



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	3	4	4	4	4	4	4	4
32.5°	3	3	3	4	4	4	4	4	4	4	5
31.25°	3	3	3	4	4	4	4	4	4	5	5
30°	3	3	4	4	4	4	4	4	5	5	5
28.75°	3	4	4	4	4	4	4	5	5	5	5
27.5°	3	4	4	4	4	4	4	5	5	5	5
26.25°	4	4	4	4	4	4	5	5	5	5	5
25°	4	4	4	4	4	4	5	5	5	5	5
23.75°	4	4	4	4	4	5	5	5	5	5	5
22.5°	4	4	4	4	4	5	5	5	5	5	6
21.25°	4	4	4	4	5	5	5	5	5	6	6
20°	4	4	4	4	5	5	5	5	5	6	7
18.75°	4	4	4	4	5	5	5	5	5	6	7
17.5°	4	4	4	5	5	5	5	5	6	6	7
16.25°	4	4	4	5	5	5	5	5	6	7	7
15°	4	4	4	5	5	5	5	6	6	7	7
13.75°	4	4	5	5	5	5	5	6	7	7	7
12.5°	4	4	5	5	5	5	5	6	7	7	8
11.25°	4	4	5	5	5	5	5	6	7	7	8
10°	4	4	5	5	5	5	6	6	7	7	8
8.75°	4	4	5	5	5	5	6	6	7	7	8
7.5°	4	4	5	5	5	5	6	7	7	8	8
6.25°	4	5	5	5	5	5	6	7	7	8	8
5°	4	5	5	5	5	5	6	7	7	8	8
3.75°	4	5	5	5	5	5	6	7	7	8	8
2.5°	4	5	5	5	5	5	6	7	7	8	8
1.25°	4	5	5	5	5	5	6	7	7	8	8
0°	4	5	5	5	5	5	6	7	7	8	9
-1.25°	4	5	5	5	5	5	6	7	7	8	8
-2.5°	4	5	5	5	5	5	6	7	7	8	8
-3.75°	4	5	5	5	5	5	6	7	7	8	8
-5°	4	5	5	5	5	5	6	7	7	8	8
-6.25°	4	5	5	5	5	5	6	7	7	8	8
-7.5°	4	4	5	5	5	5	6	7	7	8	8
-8.75°	4	4	5	5	5	5	6	6	7	7	8
-10°	4	4	5	5	5	5	6	6	7	7	8
-11.25°	4	4	5	5	5	5	5	6	7	7	8
-12.5°	4	4	5	5	5	5	5	6	7	7	8
-13.75°	4	4	5	5	5	5	5	6	7	7	7
-15°	4	4	4	5	5	5	5	6	6	7	7
-16.25°	4	4	4	5	5	5	5	5	6	7	7
-17.5°	4	4	4	5	5	5	5	5	6	6	7
-18.75°	4	4	4	4	5	5	5	5	5	6	7
-20°	4	4	4	4	5	5	5	5	5	6	7
-21.25°	4	4	4	4	5	5	5	5	5	6	6



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	4	5	5	5	5	5	6
-23.75°	4	4	4	4	4	5	5	5	5	5	5
-25°	4	4	4	4	4	4	5	5	5	5	5
-26.25°	4	4	4	4	4	4	5	5	5	5	5
-27.5°	3	4	4	4	4	4	4	5	5	5	5
-28.75°	3	4	4	4	4	4	4	5	5	5	5
-30°	3	3	4	4	4	4	4	4	5	5	5
-31.25°	3	3	3	4	4	4	4	4	4	5	5
-32.5°	3	3	3	4	4	4	4	4	4	4	5
-33.75°	3	3	3	3	4	4	4	4	4	4	4
-35°	3	3	3	3	4	4	4	4	4	4	4
-36.25°	3	3	3	3	3	4	4	4	4	4	4
-37.5°	3	3	3	3	3	3	4	4	4	4	4
-38.75°	3	3	3	3	3	3	3	4	4	4	4
-40°	3	3	3	3	3	3	3	3	4	4	4
-41.25°	3	3	3	3	3	3	3	3	3	4	4
-42.5°	3	3	3	3	3	3	3	3	3	3	4
-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°	2	3	3	3	3	3	3	3	3	3	3
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	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°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	1	1	1
72.5°	1	1	1	1	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	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	3	3	3	3
62.5°	2	2	2	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	4
48.75°	3	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	4	4	4	4	4	4
46.25°	3	3	3	3	4	4	4	4	4	4	4
45°	3	3	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	5	5
41.25°	4	4	4	4	4	4	4	5	5	5	5
40°	4	4	4	4	4	5	5	5	5	5	5
38.75°	4	4	4	4	5	5	5	5	5	5	5
37.5°	4	4	4	5	5	5	5	5	5	5	5
36.25°	4	4	5	5	5	5	5	5	5	5	6
35°	5	5	5	5	5	5	5	5	6	6	6



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	5	5	6	6	7	7
32.5°	5	5	5	5	5	6	6	6	7	7	7
31.25°	5	5	5	5	6	6	7	7	7	7	8
30°	5	5	5	6	6	7	7	7	7	8	8
28.75°	5	5	6	6	7	7	7	8	8	8	9
27.5°	5	5	6	7	7	7	8	8	8	9	9
26.25°	5	6	6	7	7	8	8	8	9	10	10
25°	6	6	7	7	7	8	8	9	10	11	12
23.75°	6	7	7	7	8	8	9	10	11	12	13
22.5°	6	7	7	8	8	9	9	10	12	13	15
21.25°	7	7	8	8	9	9	10	11	13	15	17
20°	7	7	8	8	9	10	11	12	15	17	20
18.75°	7	8	8	9	9	11	12	14	16	19	24
17.5°	7	8	8	9	10	11	13	16	18	22	27
16.25°	8	8	9	9	11	12	15	17	21	26	31
15°	8	8	9	10	11	13	16	19	24	29	37
13.75°	8	9	9	11	12	15	17	21	27	33	42
12.5°	8	9	10	11	13	16	18	24	30	38	47
11.25°	8	9	10	12	14	17	21	26	33	42	52
10°	9	9	11	12	15	18	23	29	37	46	57
8.75°	9	10	11	13	16	19	25	31	40	50	62
7.5°	9	10	11	14	16	20	26	33	43	54	67
6.25°	9	10	12	14	17	22	28	36	46	57	71
5°	9	10	12	15	18	23	29	38	48	60	74
3.75°	9	11	12	15	18	24	30	39	50	63	76
2.5°	9	11	12	15	18	24	30	40	51	64	78
1.25°	9	11	12	15	18	25	31	41	52	65	79
0°	9	11	12	15	19	25	31	41	52	66	80
-1.25°	9	11	12	15	18	25	31	41	52	65	79
-2.5°	9	11	12	15	18	24	30	40	51	64	78
-3.75°	9	11	12	15	18	24	30	39	50	63	76
-5°	9	10	12	15	18	23	29	38	48	60	74
-6.25°	9	10	12	14	17	22	28	36	46	57	71
-7.5°	9	10	11	14	16	20	26	33	43	54	67
-8.75°	9	10	11	13	16	19	25	31	40	50	62
-10°	9	9	11	12	15	18	23	29	37	46	57
-11.25°	8	9	10	12	14	17	21	26	33	42	52
-12.5°	8	9	10	11	13	16	18	24	30	38	47
-13.75°	8	9	9	11	12	15	17	21	27	33	42
-15°	8	8	9	10	11	13	16	19	24	29	37
-16.25°	8	8	9	9	11	12	15	17	21	26	31
-17.5°	7	8	8	9	10	11	13	16	18	22	27
-18.75°	7	8	8	9	9	11	12	14	16	19	24
-20°	7	7	8	8	9	10	11	12	15	17	20
-21.25°	7	7	8	8	9	9	10	11	13	15	17





REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	6	7	7	8	8	9	9	10	12	13	15
-23.75°	6	7	7	7	8	8	9	10	11	12	13
-25°	6	6	7	7	7	8	8	9	10	11	12
-26.25°	5	6	6	7	7	8	8	8	9	10	10
-27.5°	5	5	6	7	7	7	8	8	8	9	9
-28.75°	5	5	6	6	7	7	7	8	8	8	9
-30°	5	5	5	6	6	7	7	7	7	8	8
-31.25°	5	5	5	5	6	6	7	7	7	7	8
-32.5°	5	5	5	5	5	6	6	6	7	7	7
-33.75°	5	5	5	5	5	5	5	6	6	7	7
-35°	5	5	5	5	5	5	5	5	6	6	6
-36.25°	4	4	5	5	5	5	5	5	5	5	6
-37.5°	4	4	4	5	5	5	5	5	5	5	5
-38.75°	4	4	4	4	5	5	5	5	5	5	5
-40°	4	4	4	4	4	5	5	5	5	5	5
-41.25°	4	4	4	4	4	4	4	5	5	5	5
-42.5°	4	4	4	4	4	4	4	4	4	5	5
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	3	4	4	4	4	4	4	4	4	4
-46.25°	3	3	3	3	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	3	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	3	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°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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	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	4	4	4	4	4
51.25°	3	3	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	4	4	4	4	4
46.25°	4	4	4	4	4	4	5	5	5	5	5
45°	4	4	4	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	5
41.25°	5	5	5	5	5	5	5	5	5	6	6
40°	5	5	5	5	5	6	6	6	6	6	6
38.75°	5	5	5	6	6	6	7	7	7	7	7
37.5°	6	6	6	6	7	7	7	7	7	7	7
36.25°	6	7	7	7	7	7	7	8	8	8	8
35°	7	7	7	7	8	8	8	8	8	9	9



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	7	7	8	8	8	8	9	9	9	9	10
32.5°	8	8	8	8	9	9	9	10	10	11	11
31.25°	8	8	9	9	9	10	11	11	12	12	13
30°	9	9	9	10	11	11	12	13	14	15	16
28.75°	9	10	11	11	12	13	15	16	17	18	19
27.5°	10	11	12	13	15	16	17	18	21	23	25
26.25°	11	12	14	16	17	19	21	24	26	29	31
25°	13	15	16	18	21	24	27	30	33	37	40
23.75°	15	17	19	22	26	29	33	38	42	46	50
22.5°	17	20	24	27	31	37	42	47	52	57	62
21.25°	20	24	28	33	39	45	51	57	64	70	75
20°	24	28	34	41	47	54	62	69	76	82	88
18.75°	28	34	41	48	56	65	73	81	88	95	101
17.5°	33	41	48	57	66	75	84	92	100	107	116
16.25°	39	47	56	66	76	86	95	104	114	125	135
15°	45	54	65	75	86	96	105	118	130	142	156
13.75°	51	62	73	84	95	105	119	133	147	168	190
12.5°	57	69	81	92	104	118	133	148	174	199	223
11.25°	64	76	88	100	114	130	147	174	203	230	277
10°	70	82	95	107	125	142	168	199	230	283	362
8.75°	75	88	101	116	135	156	190	223	277	362	494
7.5°	80	93	107	125	144	175	210	257	339	473	674
6.25°	84	98	113	132	154	191	228	294	412	607	889
5°	88	101	119	139	167	205	253	344	502	758	1118
3.75°	90	104	123	143	177	216	275	384	588	912	1333
2.5°	92	106	126	147	184	224	293	430	670	1037	1498
1.25°	93	108	128	149	189	229	309	459	721	1115	1604
0°	94	108	129	150	190	230	314	469	738	1141	1641
-1.25°	93	108	128	149	189	229	309	459	721	1115	1604
-2.5°	92	106	126	147	184	224	293	430	670	1037	1498
-3.75°	90	104	123	143	177	216	275	384	588	912	1333
-5°	88	101	119	139	167	205	253	344	502	758	1118
-6.25°	84	98	113	132	154	191	228	294	412	607	889
-7.5°	80	93	107	125	144	175	210	257	339	473	674
-8.75°	75	88	101	116	135	156	190	223	277	362	494
-10°	70	82	95	107	125	142	168	199	230	283	362
-11.25°	64	76	88	100	114	130	147	174	203	230	277
-12.5°	57	69	81	92	104	118	133	148	174	199	223
-13.75°	51	62	73	84	95	105	119	133	147	168	190
-15°	45	54	65	75	86	96	105	118	130	142	156
-16.25°	39	47	56	66	76	86	95	104	114	125	135
-17.5°	33	41	48	57	66	75	84	92	100	107	116
-18.75°	28	34	41	48	56	65	73	81	88	95	101
-20°	24	28	34	41	47	54	62	69	76	82	88
-21.25°	20	24	28	33	39	45	51	57	64	70	75



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	17	20	24	27	31	37	42	47	52	57	62
-23.75°	15	17	19	22	26	29	33	38	42	46	50
-25°	13	15	16	18	21	24	27	30	33	37	40
-26.25°	11	12	14	16	17	19	21	24	26	29	31
-27.5°	10	11	12	13	15	16	17	18	21	23	25
-28.75°	9	10	11	11	12	13	15	16	17	18	19
-30°	9	9	9	10	11	11	12	13	14	15	16
-31.25°	8	8	9	9	9	10	11	11	12	12	13
-32.5°	8	8	8	8	9	9	9	10	10	11	11
-33.75°	7	7	8	8	8	8	9	9	9	9	10
-35°	7	7	7	7	8	8	8	8	8	9	9
-36.25°	6	7	7	7	7	7	7	8	8	8	8
-37.5°	6	6	6	6	7	7	7	7	7	7	7
-38.75°	5	5	5	6	6	6	7	7	7	7	7
-40°	5	5	5	5	5	6	6	6	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	6	6
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	4	4	4	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	4	4	4	4	4
-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°	2	2	2	2	2	2	2	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	1	1	1	1	1	1	2	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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°	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	4	3	3	3	3
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	4	4	4	4	4	4	4	4	4	4
47.5°	4	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°	5	5	5	5	5	5	5	5	5	5	5
41.25°	6	6	6	6	6	6	6	6	6	6	6
40°	7	7	7	7	7	7	7	7	7	7	7
38.75°	7	7	7	7	7	7	7	7	7	7	7
37.5°	8	8	8	8	8	8	8	8	8	8	8
36.25°	8	8	8	8	8	8	9	8	8	8	8
35°	9	9	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	10	10	10	11	11	11	11	11	11	11	10
32.5°	11	12	12	12	12	12	12	12	12	12	12
31.25°	14	14	15	15	15	15	15	15	15	15	15
30°	16	17	18	18	18	18	19	18	18	18	18
28.75°	20	22	23	24	24	25	25	25	24	24	23
27.5°	26	28	29	30	30	31	31	31	30	30	29
26.25°	33	36	38	39	40	41	41	41	40	39	38
25°	43	46	48	50	51	52	52	52	51	50	48
23.75°	54	57	60	63	64	65	66	65	64	63	60
22.5°	67	71	74	76	78	79	80	79	78	76	74
21.25°	80	84	88	90	92	93	94	93	92	90	88
20°	93	98	101	104	106	108	108	108	106	104	101
18.75°	107	113	119	123	126	128	129	128	126	123	119
17.5°	125	132	139	143	147	149	150	149	147	143	139
16.25°	144	154	167	177	184	189	190	189	184	177	167
15°	175	191	205	216	224	229	230	229	224	216	205
13.75°	210	228	253	275	293	309	314	309	293	275	253
12.5°	257	294	344	384	430	459	469	459	430	384	344
11.25°	339	412	502	588	670	721	738	721	670	588	502
10°	473	607	758	912	1037	1115	1141	1115	1037	912	758
8.75°	674	889	1118	1333	1498	1604	1641	1604	1498	1333	1118
7.5°	940	1239	1534	1796	1995	2120	2163	2120	1995	1796	1534
6.25°	1239	1608	1956	2253	2480	2623	2672	2623	2480	2253	1956
5°	1534	1956	2344	2673	2934	3106	3166	3106	2934	2673	2344
3.75°	1796	2253	2673	3047	3363	3584	3664	3584	3363	3047	2673
2.5°	1995	2480	2934	3363	3750	4033	4135	4033	3750	3363	2934
1.25°	2120	2623	3106	3584	4033	4358	4474	4358	4033	3584	3106
0°	2163	2672	3166	3664	4135	4474	4625	4474	4135	3664	3166
-1.25°	2120	2623	3106	3584	4033	4358	4474	4358	4033	3584	3106
-2.5°	1995	2480	2934	3363	3750	4033	4135	4033	3750	3363	2934
-3.75°	1796	2253	2673	3047	3363	3584	3664	3584	3363	3047	2673
-5°	1534	1956	2344	2673	2934	3106	3166	3106	2934	2673	2344
-6.25°	1239	1608	1956	2253	2480	2623	2672	2623	2480	2253	1956
-7.5°	940	1239	1534	1796	1995	2120	2163	2120	1995	1796	1534
-8.75°	674	889	1118	1333	1498	1604	1641	1604	1498	1333	1118
-10°	473	607	758	912	1037	1115	1141	1115	1037	912	758
-11.25°	339	412	502	588	670	721	738	721	670	588	502
-12.5°	257	294	344	384	430	459	469	459	430	384	344
-13.75°	210	228	253	275	293	309	314	309	293	275	253
-15°	175	191	205	216	224	229	230	229	224	216	205
-16.25°	144	154	167	177	184	189	190	189	184	177	167
-17.5°	125	132	139	143	147	149	150	149	147	143	139
-18.75°	107	113	119	123	126	128	129	128	126	123	119
-20°	93	98	101	104	106	108	108	108	106	104	101
-21.25°	80	84	88	90	92	93	94	93	92	90	88





REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	67	71	74	76	78	79	80	79	78	76	74
-23.75°	54	57	60	63	64	65	66	65	64	63	60
-25°	43	46	48	50	51	52	52	52	51	50	48
-26.25°	33	36	38	39	40	41	41	41	40	39	38
-27.5°	26	28	29	30	30	31	31	31	30	30	29
-28.75°	20	22	23	24	24	25	25	25	24	24	23
-30°	16	17	18	18	18	18	19	18	18	18	18
-31.25°	14	14	15	15	15	15	15	15	15	15	15
-32.5°	11	12	12	12	12	12	12	12	12	12	12
-33.75°	10	10	10	11	11	11	11	11	11	11	10
-35°	9	9	9	9	9	9	9	9	9	9	9
-36.25°	8	8	8	8	8	8	9	8	8	8	8
-37.5°	8	8	8	8	8	8	8	8	8	8	8
-38.75°	7	7	7	7	7	7	7	7	7	7	7
-40°	7	7	7	7	7	7	7	7	7	7	7
-41.25°	6	6	6	6	6	6	6	6	6	6	6
-42.5°	5	5	5	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	5
-47.5°	4	5	5	5	5	5	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°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	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°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	2	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	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°	3	3	3	3	3	3	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	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°	4	4	4	4	4	4	4	3	3	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°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	4	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	5	4
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	5
41.25°	6	6	6	6	5	5	5	5	5	5	5
40°	7	7	6	6	6	6	6	6	5	5	5
38.75°	7	7	7	7	7	7	7	6	6	6	5
37.5°	8	8	7	7	7	7	7	7	7	6	6
36.25°	8	8	8	8	8	8	7	7	7	7	7
35°	9	9	9	9	8	8	8	8	8	7	7



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	10	10	10	9	9	9	9	8	8	8	8
32.5°	12	11	11	11	10	10	9	9	9	8	8
31.25°	14	14	13	12	12	11	11	10	9	9	9
30°	17	16	16	15	14	13	12	11	11	10	9
28.75°	22	20	19	18	17	16	15	13	12	11	11
27.5°	28	26	25	23	21	18	17	16	15	13	12
26.25°	36	33	31	29	26	24	21	19	17	16	14
25°	46	43	40	37	33	30	27	24	21	18	16
23.75°	57	54	50	46	42	38	33	29	26	22	19
22.5°	71	67	62	57	52	47	42	37	31	27	24
21.25°	84	80	75	70	64	57	51	45	39	33	28
20°	98	93	88	82	76	69	62	54	47	41	34
18.75°	113	107	101	95	88	81	73	65	56	48	41
17.5°	132	125	116	107	100	92	84	75	66	57	48
16.25°	154	144	135	125	114	104	95	86	76	66	56
15°	191	175	156	142	130	118	105	96	86	75	65
13.75°	228	210	190	168	147	133	119	105	95	84	73
12.5°	294	257	223	199	174	148	133	118	104	92	81
11.25°	412	339	277	230	203	174	147	130	114	100	88
10°	607	473	362	283	230	199	168	142	125	107	95
8.75°	889	674	494	362	277	223	190	156	135	116	101
7.5°	1239	940	674	473	339	257	210	175	144	125	107
6.25°	1608	1239	889	607	412	294	228	191	154	132	113
5°	1956	1534	1118	758	502	344	253	205	167	139	119
3.75°	2253	1796	1333	912	588	384	275	216	177	143	123
2.5°	2480	1995	1498	1037	670	430	293	224	184	147	126
1.25°	2623	2120	1604	1115	721	459	309	229	189	149	128
0°	2672	2163	1641	1141	738	469	314	230	190	150	129
-1.25°	2623	2120	1604	1115	721	459	309	229	189	149	128
-2.5°	2480	1995	1498	1037	670	430	293	224	184	147	126
-3.75°	2253	1796	1333	912	588	384	275	216	177	143	123
-5°	1956	1534	1118	758	502	344	253	205	167	139	119
-6.25°	1608	1239	889	607	412	294	228	191	154	132	113
-7.5°	1239	940	674	473	339	257	210	175	144	125	107
-8.75°	889	674	494	362	277	223	190	156	135	116	101
-10°	607	473	362	283	230	199	168	142	125	107	95
-11.25°	412	339	277	230	203	174	147	130	114	100	88
-12.5°	294	257	223	199	174	148	133	118	104	92	81
-13.75°	228	210	190	168	147	133	119	105	95	84	73
-15°	191	175	156	142	130	118	105	96	86	75	65
-16.25°	154	144	135	125	114	104	95	86	76	66	56
-17.5°	132	125	116	107	100	92	84	75	66	57	48
-18.75°	113	107	101	95	88	81	73	65	56	48	41
-20°	98	93	88	82	76	69	62	54	47	41	34
-21.25°	84	80	75	70	64	57	51	45	39	33	28



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	71	67	62	57	52	47	42	37	31	27	24
-23.75°	57	54	50	46	42	38	33	29	26	22	19
-25°	46	43	40	37	33	30	27	24	21	18	16
-26.25°	36	33	31	29	26	24	21	19	17	16	14
-27.5°	28	26	25	23	21	18	17	16	15	13	12
-28.75°	22	20	19	18	17	16	15	13	12	11	11
-30°	17	16	16	15	14	13	12	11	11	10	9
-31.25°	14	14	13	12	12	11	11	10	9	9	9
-32.5°	12	11	11	11	10	10	9	9	9	8	8
-33.75°	10	10	10	9	9	9	9	8	8	8	8
-35°	9	9	9	9	8	8	8	8	8	7	7
-36.25°	8	8	8	8	8	8	7	7	7	7	7
-37.5°	8	8	7	7	7	7	7	7	7	6	6
-38.75°	7	7	7	7	7	7	7	6	6	6	5
-40°	7	7	6	6	6	6	6	6	5	5	5
-41.25°	6	6	6	6	5	5	5	5	5	5	5
-42.5°	5	5	5	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	4
-46.25°	5	5	5	5	5	5	5	4	4	4	4
-47.5°	5	4	4	4	4	4	4	4	4	4	4
-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°	4	4	4	4	4	4	4	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	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	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°	4	4	4	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	3	3
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	5	5	4	4	4	4	4	4	4	4	4
42.5°	5	5	5	5	4	4	4	4	4	4	4
41.25°	5	5	5	5	5	5	4	4	4	4	4
40°	5	5	5	5	5	5	5	5	4	4	4
38.75°	5	5	5	5	5	5	5	5	5	4	4
37.5°	6	6	5	5	5	5	5	5	5	5	4
36.25°	7	6	6	5	5	5	5	5	5	5	5
35°	7	7	6	6	6	5	5	5	5	5	5



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	7	7	7	7	6	6	5	5	5	5	5
32.5°	8	8	7	7	7	6	6	6	5	5	5
31.25°	8	8	8	7	7	7	7	6	6	5	5
30°	9	9	8	8	7	7	7	7	6	6	5
28.75°	10	9	9	8	8	8	7	7	7	6	6
27.5°	11	10	9	9	8	8	8	7	7	7	6
26.25°	12	11	10	10	9	8	8	8	7	7	6
25°	15	13	12	11	10	9	8	8	7	7	7
23.75°	17	15	13	12	11	10	9	8	8	7	7
22.5°	20	17	15	13	12	10	9	9	8	8	7
21.25°	24	20	17	15	13	11	10	9	9	8	8
20°	28	24	20	17	15	12	11	10	9	8	8
18.75°	34	28	24	19	16	14	12	11	9	9	8
17.5°	41	33	27	22	18	16	13	11	10	9	8
16.25°	47	39	31	26	21	17	15	12	11	9	9
15°	54	45	37	29	24	19	16	13	11	10	9
13.75°	62	51	42	33	27	21	17	15	12	11	9
12.5°	69	57	47	38	30	24	18	16	13	11	10
11.25°	76	64	52	42	33	26	21	17	14	12	10
10°	82	70	57	46	37	29	23	18	15	12	11
8.75°	88	75	62	50	40	31	25	19	16	13	11
7.5°	93	80	67	54	43	33	26	20	16	14	11
6.25°	98	84	71	57	46	36	28	22	17	14	12
5°	101	88	74	60	48	38	29	23	18	15	12
3.75°	104	90	76	63	50	39	30	24	18	15	12
2.5°	106	92	78	64	51	40	30	24	18	15	12
1.25°	108	93	79	65	52	41	31	25	18	15	12
0°	108	94	80	66	52	41	31	25	19	15	12
-1.25°	108	93	79	65	52	41	31	25	18	15	12
-2.5°	106	92	78	64	51	40	30	24	18	15	12
-3.75°	104	90	76	63	50	39	30	24	18	15	12
-5°	101	88	74	60	48	38	29	23	18	15	12
-6.25°	98	84	71	57	46	36	28	22	17	14	12
-7.5°	93	80	67	54	43	33	26	20	16	14	11
-8.75°	88	75	62	50	40	31	25	19	16	13	11
-10°	82	70	57	46	37	29	23	18	15	12	11
-11.25°	76	64	52	42	33	26	21	17	14	12	10
-12.5°	69	57	47	38	30	24	18	16	13	11	10
-13.75°	62	51	42	33	27	21	17	15	12	11	9
-15°	54	45	37	29	24	19	16	13	11	10	9
-16.25°	47	39	31	26	21	17	15	12	11	9	9
-17.5°	41	33	27	22	18	16	13	11	10	9	8
-18.75°	34	28	24	19	16	14	12	11	9	9	8
-20°	28	24	20	17	15	12	11	10	9	8	8
-21.25°	24	20	17	15	13	11	10	9	9	8	8





REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	20	17	15	13	12	10	9	9	8	8	7
-23.75°	17	15	13	12	11	10	9	8	8	7	7
-25°	15	13	12	11	10	9	8	8	7	7	7
-26.25°	12	11	10	10	9	8	8	8	7	7	6
-27.5°	11	10	9	9	8	8	8	7	7	7	6
-28.75°	10	9	9	8	8	8	7	7	7	6	6
-30°	9	9	8	8	7	7	7	7	6	6	5
-31.25°	8	8	8	7	7	7	7	6	6	5	5
-32.5°	8	8	7	7	7	6	6	6	5	5	5
-33.75°	7	7	7	7	6	6	5	5	5	5	5
-35°	7	7	6	6	6	5	5	5	5	5	5
-36.25°	7	6	6	5	5	5	5	5	5	5	5
-37.5°	6	6	5	5	5	5	5	5	5	5	4
-38.75°	5	5	5	5	5	5	5	5	5	4	4
-40°	5	5	5	5	5	5	5	5	4	4	4
-41.25°	5	5	5	5	5	5	4	4	4	4	4
-42.5°	5	5	5	5	4	4	4	4	4	4	4
-43.75°	5	5	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	3	3
-47.5°	4	4	4	4	4	4	4	4	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	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	2
-63.75°	3	3	3	3	3	3	2	2	2	2	2
-65°	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	1	1
-73.75°	2	2	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	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°	3	3	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	2	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	3	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	3	2
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°	4	4	3	3	3	3	3	3	3	3	3
42.5°	4	4	4	3	3	3	3	3	3	3	3
41.25°	4	4	4	4	3	3	3	3	3	3	3
40°	4	4	4	4	4	3	3	3	3	3	3
38.75°	4	4	4	4	4	4	3	3	3	3	3
37.5°	4	4	4	4	4	4	4	3	3	3	3
36.25°	4	4	4	4	4	4	4	4	3	3	3
35°	5	5	4	4	4	4	4	4	4	3	3



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	4	4	4	4	4	4	4	3	3
32.5°	5	5	5	4	4	4	4	4	4	4	3
31.25°	5	5	5	5	4	4	4	4	4	4	3
30°	5	5	5	5	5	4	4	4	4	4	4
28.75°	5	5	5	5	5	5	4	4	4	4	4
27.5°	5	5	5	5	5	5	4	4	4	4	4
26.25°	6	5	5	5	5	5	5	4	4	4	4
25°	6	6	5	5	5	5	5	4	4	4	4
23.75°	7	6	5	5	5	5	5	5	4	4	4
22.5°	7	6	6	5	5	5	5	5	4	4	4
21.25°	7	7	6	6	5	5	5	5	5	4	4
20°	7	7	7	6	5	5	5	5	5	4	4
18.75°	8	7	7	6	5	5	5	5	5	4	4
17.5°	8	7	7	6	6	5	5	5	5	5	4
16.25°	8	8	7	7	6	5	5	5	5	5	4
15°	8	8	7	7	6	6	5	5	5	5	4
13.75°	9	8	7	7	7	6	5	5	5	5	5
12.5°	9	8	8	7	7	6	5	5	5	5	5
11.25°	9	8	8	7	7	6	5	5	5	5	5
10°	9	9	8	7	7	6	6	5	5	5	5
8.75°	10	9	8	7	7	6	6	5	5	5	5
7.5°	10	9	8	8	7	7	6	5	5	5	5
6.25°	10	9	8	8	7	7	6	5	5	5	5
5°	10	9	8	8	7	7	6	5	5	5	5
3.75°	11	9	8	8	7	7	6	5	5	5	5
2.5°	11	9	8	8	7	7	6	5	5	5	5
1.25°	11	9	8	8	7	7	6	5	5	5	5
0°	11	9	9	8	7	7	6	5	5	5	5
-1.25°	11	9	8	8	7	7	6	5	5	5	5
-2.5°	11	9	8	8	7	7	6	5	5	5	5
-3.75°	11	9	8	8	7	7	6	5	5	5	5
-5°	10	9	8	8	7	7	6	5	5	5	5
-6.25°	10	9	8	8	7	7	6	5	5	5	5
-7.5°	10	9	8	8	7	7	6	5	5	5	5
-8.75°	10	9	8	7	7	6	6	5	5	5	5
-10°	9	9	8	7	7	6	6	5	5	5	5
-11.25°	9	8	8	7	7	6	5	5	5	5	5
-12.5°	9	8	8	7	7	6	5	5	5	5	5
-13.75°	9	8	7	7	7	6	5	5	5	5	5
-15°	8	8	7	7	6	6	5	5	5	5	4
-16.25°	8	8	7	7	6	5	5	5	5	5	4
-17.5°	8	7	7	6	6	5	5	5	5	5	4
-18.75°	8	7	7	6	5	5	5	5	5	4	4
-20°	7	7	7	6	5	5	5	5	5	4	4
-21.25°	7	7	6	6	5	5	5	5	5	4	4



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	7	6	6	5	5	5	5	5	4	4	4
-23.75°	7	6	5	5	5	5	5	5	4	4	4
-25°	6	6	5	5	5	5	5	4	4	4	4
-26.25°	6	5	5	5	5	5	5	4	4	4	4
-27.5°	5	5	5	5	5	5	4	4	4	4	4
-28.75°	5	5	5	5	5	5	4	4	4	4	4
-30°	5	5	5	5	5	4	4	4	4	4	4
-31.25°	5	5	5	5	4	4	4	4	4	4	3
-32.5°	5	5	5	4	4	4	4	4	4	4	3
-33.75°	5	5	4	4	4	4	4	4	4	3	3
-35°	5	5	4	4	4	4	4	4	4	3	3
-36.25°	4	4	4	4	4	4	4	4	3	3	3
-37.5°	4	4	4	4	4	4	4	3	3	3	3
-38.75°	4	4	4	4	4	4	3	3	3	3	3
-40°	4	4	4	4	4	3	3	3	3	3	3
-41.25°	4	4	4	4	3	3	3	3	3	3	3
-42.5°	4	4	4	3	3	3	3	3	3	3	3
-43.75°	4	4	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	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	2
-57.5°	3	3	3	3	3	3	3	3	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	2
-61.25°	3	3	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	1	1
-70°	2	2	2	2	2	2	1	1	1	1	1
-71.25°	2	2	2	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	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	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
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°	3	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	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	3	2	2	2	2
45°	3	3	3	3	3	3	3	3	2	2	2
43.75°	3	3	3	3	3	3	3	3	2	2	2
42.5°	3	3	3	3	3	3	3	3	3	2	2
41.25°	3	3	3	3	3	3	3	3	3	2	2
40°	3	3	3	3	3	3	3	3	3	3	2
38.75°	3	3	3	3	3	3	3	3	3	3	2
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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	3	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	3	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	3	3	3	3	3	3	3	3	3
23.75°	4	4	3	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	3	3	3	3	3	3	3	3
20°	4	4	4	3	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	3	3	3	3	3	3	3
15°	4	4	4	4	3	3	3	3	3	3	3
13.75°	4	4	4	4	4	3	3	3	3	3	3
12.5°	4	4	4	4	4	3	3	3	3	3	3
11.25°	4	4	4	4	4	3	3	3	3	3	3
10°	4	4	4	4	4	3	3	3	3	3	3
8.75°	4	4	4	4	4	3	3	3	3	3	3
7.5°	4	4	4	4	4	3	3	3	3	3	3
6.25°	5	4	4	4	4	3	3	3	3	3	3
5°	5	4	4	4	4	3	3	3	3	3	3
3.75°	5	4	4	4	4	3	3	3	3	3	3
2.5°	5	4	4	4	4	3	3	3	3	3	3
1.25°	5	4	4	4	4	3	3	3	3	3	3
0°	5	4	4	4	4	4	3	3	3	3	3
-1.25°	5	4	4	4	4	3	3	3	3	3	3
-2.5°	5	4	4	4	4	3	3	3	3	3	3
-3.75°	5	4	4	4	4	3	3	3	3	3	3
-5°	5	4	4	4	4	3	3	3	3	3	3
-6.25°	5	4	4	4	4	3	3	3	3	3	3
-7.5°	4	4	4	4	4	3	3	3	3	3	3
-8.75°	4	4	4	4	4	3	3	3	3	3	3
-10°	4	4	4	4	4	3	3	3	3	3	3
-11.25°	4	4	4	4	4	3	3	3	3	3	3
-12.5°	4	4	4	4	4	3	3	3	3	3	3
-13.75°	4	4	4	4	4	3	3	3	3	3	3
-15°	4	4	4	4	3	3	3	3	3	3	3
-16.25°	4	4	4	4	3	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	3	3	3	3	3	3	3	3
-21.25°	4	4	4	3	3	3	3	3	3	3	3





REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	3	3	3	3	3	3	3	3	3
-25°	4	4	3	3	3	3	3	3	3	3	3
-26.25°	4	4	3	3	3	3	3	3	3	3	3
-27.5°	4	3	3	3	3	3	3	3	3	3	3
-28.75°	4	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	2
-40°	3	3	3	3	3	3	3	3	3	3	2
-41.25°	3	3	3	3	3	3	3	3	3	2	2
-42.5°	3	3	3	3	3	3	3	3	3	2	2
-43.75°	3	3	3	3	3	3	3	3	2	2	2
-45°	3	3	3	3	3	3	3	3	2	2	2
-46.25°	3	3	3	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	3	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	1
-61.25°	2	2	2	2	2	2	2	2	1	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	1	1	1	1	1	1	1	1	1	0	0
57.5°	1	1	1	1	1	1	1	1	1	1	0
56.25°	2	1	1	1	1	1	1	1	1	1	0
55°	2	2	1	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
48.75°	2	2	2	2	2	1	1	1	1	1	1
47.5°	2	2	2	2	2	1	1	1	1	1	1
46.25°	2	2	2	2	2	2	1	1	1	1	1
45°	2	2	2	2	2	2	1	1	1	1	1
43.75°	2	2	2	2	2	2	2	1	1	1	1
42.5°	2	2	2	2	2	2	2	1	1	1	1
41.25°	2	2	2	2	2	2	2	1	1	1	1
40°	2	2	2	2	2	2	2	2	1	1	1
38.75°	2	2	2	2	2	2	2	2	1	1	1
37.5°	2	2	2	2	2	2	2	2	1	1	1
36.25°	2	2	2	2	2	2	2	2	2	1	1
35°	3	2	2	2	2	2	2	2	2	1	1



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	2	2	2	2	2	2	2	2	1	1
32.5°	3	2	2	2	2	2	2	2	2	1	1
31.25°	3	3	2	2	2	2	2	2	2	1	1
30°	3	3	2	2	2	2	2	2	2	2	1
28.75°	3	3	2	2	2	2	2	2	2	2	1
27.5°	3	3	2	2	2	2	2	2	2	2	1
26.25°	3	3	3	2	2	2	2	2	2	2	1
25°	3	3	3	2	2	2	2	2	2	2	1
23.75°	3	3	3	2	2	2	2	2	2	2	1
22.5°	3	3	3	2	2	2	2	2	2	2	1
21.25°	3	3	3	3	2	2	2	2	2	2	2
20°	3	3	3	3	2	2	2	2	2	2	2
18.75°	3	3	3	3	2	2	2	2	2	2	2
17.5°	3	3	3	3	2	2	2	2	2	2	2
16.25°	3	3	3	3	2	2	2	2	2	2	2
15°	3	3	3	3	2	2	2	2	2	2	2
13.75°	3	3	3	3	2	2	2	2	2	2	2
12.5°	3	3	3	3	3	2	2	2	2	2	2
11.25°	3	3	3	3	3	2	2	2	2	2	2
10°	3	3	3	3	3	2	2	2	2	2	2
8.75°	3	3	3	3	3	2	2	2	2	2	2
7.5°	3	3	3	3	3	2	2	2	2	2	2
6.25°	3	3	3	3	3	2	2	2	2	2	2
5°	3	3	3	3	3	2	2	2	2	2	2
3.75°	3	3	3	3	3	2	2	2	2	2	2
2.5°	3	3	3	3	3	2	2	2	2	2	2
1.25°	3	3	3	3	3	2	2	2	2	2	2
0°	3	3	3	3	3	2	2	2	2	2	2
-1.25°	3	3	3	3	3	2	2	2	2	2	2
-2.5°	3	3	3	3	3	2	2	2	2	2	2
-3.75°	3	3	3	3	3	2	2	2	2	2	2
-5°	3	3	3	3	3	2	2	2	2	2	2
-6.25°	3	3	3	3	3	2	2	2	2	2	2
-7.5°	3	3	3	3	3	2	2	2	2	2	2
-8.75°	3	3	3	3	3	2	2	2	2	2	2
-10°	3	3	3	3	3	2	2	2	2	2	2
-11.25°	3	3	3	3	3	2	2	2	2	2	2
-12.5°	3	3	3	3	3	2	2	2	2	2	2
-13.75°	3	3	3	3	2	2	2	2	2	2	2
-15°	3	3	3	3	2	2	2	2	2	2	2
-16.25°	3	3	3	3	2	2	2	2	2	2	2
-17.5°	3	3	3	3	2	2	2	2	2	2	2
-18.75°	3	3	3	3	2	2	2	2	2	2	2
-20°	3	3	3	3	2	2	2	2	2	2	2
-21.25°	3	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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	2	2	2	2	2	2	2	1
-23.75°	3	3	3	2	2	2	2	2	2	2	1
-25°	3	3	3	2	2	2	2	2	2	2	1
-26.25°	3	3	3	2	2	2	2	2	2	2	1
-27.5°	3	3	2	2	2	2	2	2	2	2	1
-28.75°	3	3	2	2	2	2	2	2	2	2	1
-30°	3	3	2	2	2	2	2	2	2	2	1
-31.25°	3	3	2	2	2	2	2	2	2	1	1
-32.5°	3	2	2	2	2	2	2	2	2	1	1
-33.75°	3	2	2	2	2	2	2	2	2	1	1
-35°	3	2	2	2	2	2	2	2	2	1	1
-36.25°	2	2	2	2	2	2	2	2	2	1	1
-37.5°	2	2	2	2	2	2	2	2	1	1	1
-38.75°	2	2	2	2	2	2	2	2	1	1	1
-40°	2	2	2	2	2	2	2	2	1	1	1
-41.25°	2	2	2	2	2	2	2	1	1	1	1
-42.5°	2	2	2	2	2	2	2	1	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	1	1	1	1	1
-46.25°	2	2	2	2	2	2	1	1	1	1	1
-47.5°	2	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-51.25°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-56.25°	2	1	1	1	1	1	1	1	1	1	0
-57.5°	1	1	1	1	1	1	1	1	1	1	0
-58.75°	1	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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°	1	1	1	1	1	0	0	0	0	0	0
13.75°	1	1	1	1	1	0	0	0	0	0	0
12.5°	1	1	1	1	1	0	0	0	0	0	0
11.25°	1	1	1	1	1	0	0	0	0	0	0
10°	1	1	1	1	1	0	0	0	0	0	0
8.75°	1	1	1	1	1	0	0	0	0	0	0
7.5°	1	1	1	1	1	0	0	0	0	0	0
6.25°	1	1	1	1	1	0	0	0	0	0	0
5°	1	1	1	1	1	0	0	0	0	0	0
3.75°	1	1	1	1	1	0	0	0	0	0	0
2.5°	1	1	1	1	1	0	0	0	0	0	0
1.25°	1	1	1	1	1	0	0	0	0	0	0
0°	2	1	1	1	1	0	0	0	0	0	0
-1.25°	1	1	1	1	1	0	0	0	0	0	0
-2.5°	1	1	1	1	1	0	0	0	0	0	0
-3.75°	1	1	1	1	1	0	0	0	0	0	0
-5°	1	1	1	1	1	0	0	0	0	0	0
-6.25°	1	1	1	1	1	0	0	0	0	0	0
-7.5°	1	1	1	1	1	0	0	0	0	0	0
-8.75°	1	1	1	1	1	0	0	0	0	0	0
-10°	1	1	1	1	1	0	0	0	0	0	0
-11.25°	1	1	1	1	1	0	0	0	0	0	0
-12.5°	1	1	1	1	1	0	0	0	0	0	0
-13.75°	1	1	1	1	1	0	0	0	0	0	0
-15°	1	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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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: P220374 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3097-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)