

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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29419)  
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-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

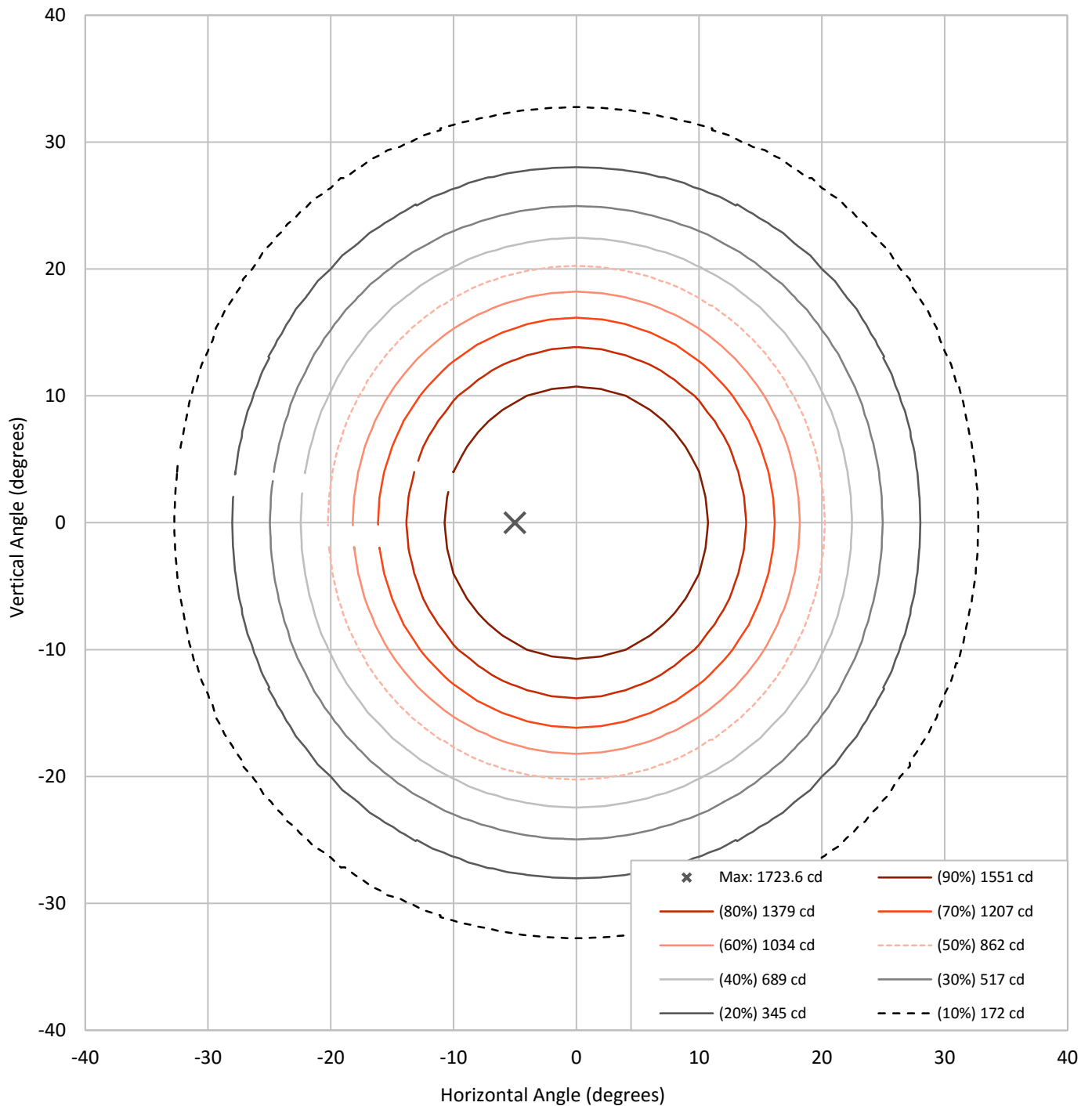
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	861.4 lumens	Max Intensity:	1723.6 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	86.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.6°V
Beam Lumens:	516.4 lumens	Field Lumens:	780 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

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

### Iso-Candela Plot





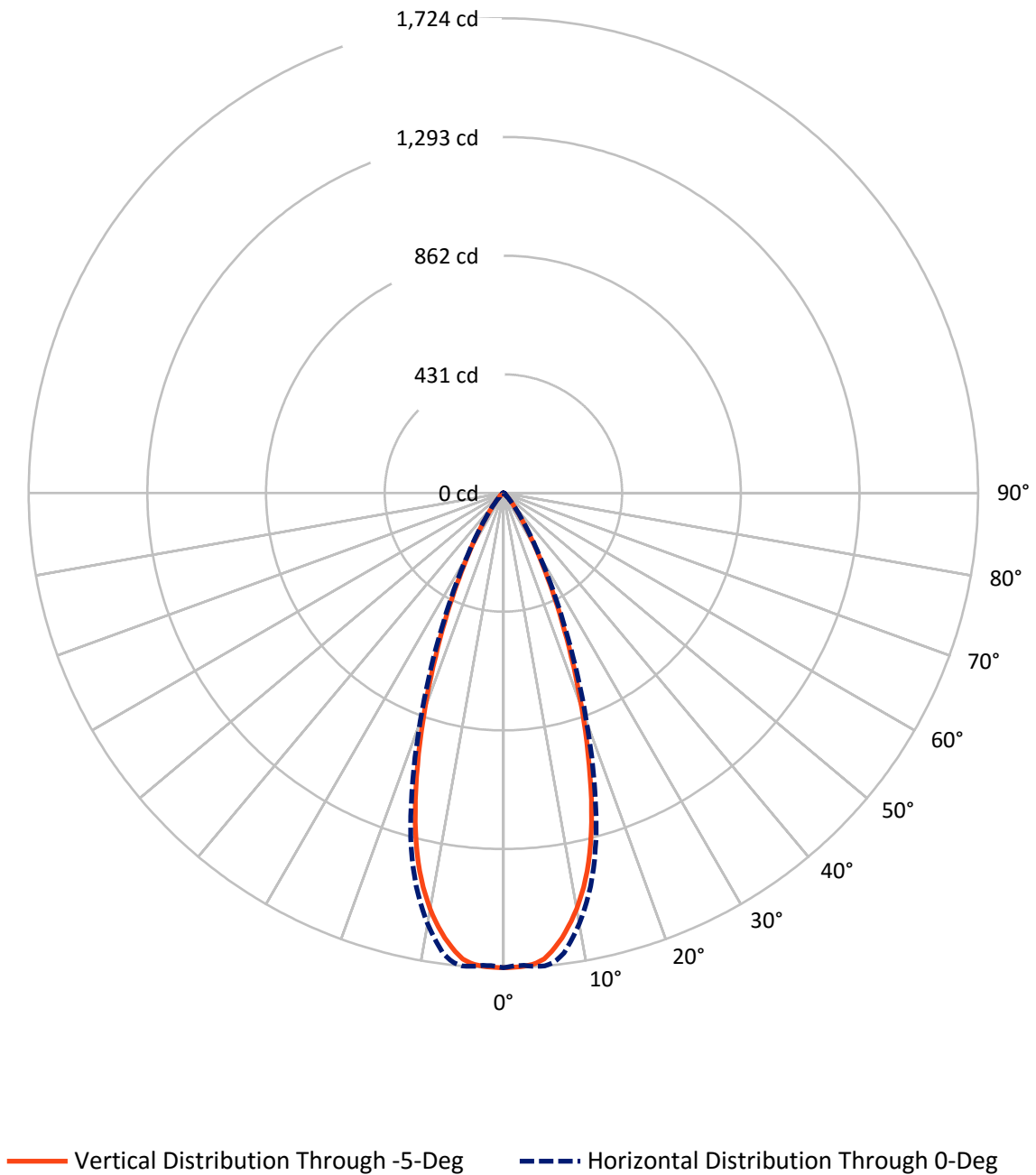
REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-WT-L1-UNV

### Lumen Table

90																			
80	0.0	0.0		0.1	0.2		0.2		0.2		0.1	0.0		0.0					
70																			
60	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			
50		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
40	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.8	0.8	0.6	0.3	0.2	0.1	0.1	0.0	0.0			
30		0.0	0.1	0.2	0.4	1.1	2.5	3.7	3.7	2.5	1.1	0.4	0.2	0.1	0.0				
20	0.0	0.1	0.1	0.3	1.0	3.7	9.3	15.0	15.0	9.3	3.7	1.0	0.3	0.1	0.1	0.0			
10		0.1	0.1	0.4	2.1	8.8	23.3	36.3	36.3	23.3	8.8	2.1	0.4	0.1	0.1				
0	0.0	0.1	0.1	0.5	3.1	13.7	35.3	49.9	49.9	35.3	13.7	3.1	0.5	0.1	0.1	0.0			
-10		0.1	0.1	0.5	3.1	13.7	35.3	49.9	49.9	35.3	13.7	3.1	0.5	0.1	0.1				
-20	0.0	0.1	0.1	0.4	2.1	8.8	23.3	36.3	36.3	23.3	8.8	2.1	0.4	0.1	0.1	0.0			
-30		0.1	0.1	0.3	1.0	3.7	9.3	15.0	15.0	9.3	3.7	1.0	0.3	0.1	0.1				
-40	0.0	0.0	0.1	0.2	0.4	1.1	2.5	3.7	3.7	2.5	1.1	0.4	0.2	0.1	0.0	0.0			
-50		0.0	0.1	0.1	0.2	0.3	0.6	0.8	0.8	0.6	0.3	0.2	0.1	0.1	0.0				
-60	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
-70		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-80																			
-90	0.0	0.0		0.1	0.2		0.2		0.2		0.1	0.0		0.0					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

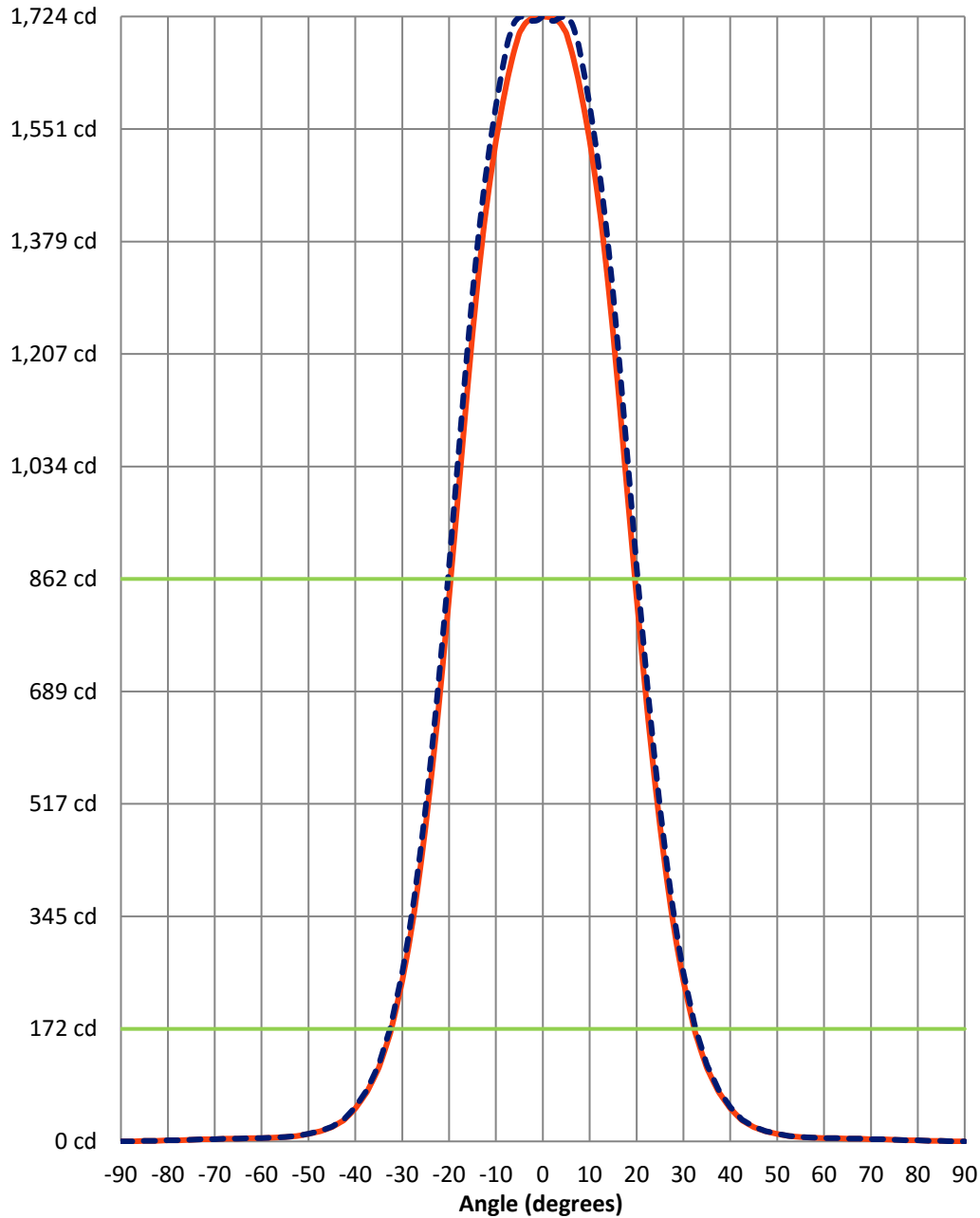
REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-WT-L1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.5°  
 V Angle: 39.3°  
 Lumens: 516.4  
 Efficiency: 59.9%

**Field:**  
 H Angle: 65.2°  
 V Angle: 64.6°  
 Lumens: 780  
 Efficiency: 90.5%

**Spill:**  
 Lumens: 81.4  
 Efficiency: 9.5%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1
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	0	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	0	1	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	0	1	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	2
38.75°	0	0	0	0	0	1	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	2
36.25°	0	0	0	0	0	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	2	2
31.25°	0	0	0	0	1	1	1	1	1	2	2
30°	0	0	0	0	1	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	1	2	2
23.75°	0	0	0	0	1	1	1	1	1	2	2
22.5°	0	0	0	0	1	1	1	1	1	2	2
21.25°	0	0	0	0	1	1	1	1	1	2	2
20°	0	0	0	0	1	1	1	1	1	2	2
18.75°	0	0	0	0	1	1	1	1	2	2	2
17.5°	0	0	0	0	1	1	1	1	2	2	2
16.25°	0	0	0	0	1	1	1	1	2	2	2
15°	0	0	0	0	1	1	1	1	2	2	2
13.75°	0	0	0	0	1	1	1	1	2	2	2
12.5°	0	0	0	0	1	1	1	1	2	2	2
11.25°	0	0	0	0	1	1	1	1	2	2	2
10°	0	0	0	0	1	1	1	1	2	2	2
8.75°	0	0	0	0	1	1	1	1	2	2	2
7.5°	0	0	0	0	1	1	1	1	2	2	2
6.25°	0	0	0	0	1	1	1	1	2	2	2
5°	0	0	0	0	1	1	1	1	2	2	2
3.75°	0	0	0	0	1	1	1	1	2	2	2
2.5°	0	0	0	0	1	1	1	1	2	2	2
1.25°	0	0	0	0	1	1	1	1	2	2	2
0°	0	0	0	0	1	1	1	1	2	2	2
-1.25°	0	0	0	0	1	1	1	1	2	2	2
-2.5°	0	0	0	0	1	1	1	1	2	2	2
-3.75°	0	0	0	0	1	1	1	1	2	2	2
-5°	0	0	0	0	1	1	1	1	2	2	2
-6.25°	0	0	0	0	1	1	1	1	2	2	2
-7.5°	0	0	0	0	1	1	1	1	2	2	2
-8.75°	0	0	0	0	1	1	1	1	2	2	2
-10°	0	0	0	0	1	1	1	1	2	2	2
-11.25°	0	0	0	0	1	1	1	1	2	2	2
-12.5°	0	0	0	0	1	1	1	1	2	2	2
-13.75°	0	0	0	0	1	1	1	1	2	2	2
-15°	0	0	0	0	1	1	1	1	2	2	2
-16.25°	0	0	0	0	1	1	1	1	2	2	2
-17.5°	0	0	0	0	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	2	2	2
-20°	0	0	0	0	1	1	1	1	1	2	2
-21.25°	0	0	0	0	1	1	1	1	1	2	2





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1	1	1	1	1	2	2
-23.75°	0	0	0	0	1	1	1	1	1	2	2
-25°	0	0	0	0	1	1	1	1	1	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	1	1	1	1	1	2	2
-31.25°	0	0	0	0	1	1	1	1	1	2	2
-32.5°	0	0	0	0	1	1	1	1	1	2	2
-33.75°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-36.25°	0	0	0	0	0	1	1	1	1	1	2
-37.5°	0	0	0	0	0	1	1	1	1	1	2
-38.75°	0	0	0	0	0	1	1	1	1	1	2
-40°	0	0	0	0	0	1	1	1	1	1	2
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	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	1
-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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	2
66.25°	1	1	1	1	1	1	1	1	1	2	2
65°	1	1	1	1	1	1	1	1	2	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	1	1	2	2	2	2	2	2
58.75°	1	1	1	1	2	2	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	1	2	2	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	2	2	2	2	2	2	2	2	3
52.5°	1	1	2	2	2	2	2	2	2	2	3
51.25°	1	1	2	2	2	2	2	2	2	3	3
50°	1	2	2	2	2	2	2	2	3	3	3
48.75°	1	2	2	2	2	2	2	2	3	3	3
47.5°	1	2	2	2	2	2	2	2	3	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	2	2	3	3	3	3	3
41.25°	2	2	2	2	2	2	3	3	3	3	3
40°	2	2	2	2	2	3	3	3	3	3	3
38.75°	2	2	2	2	2	3	3	3	3	3	3
37.5°	2	2	2	2	2	3	3	3	3	3	3
36.25°	2	2	2	2	3	3	3	3	3	3	4
35°	2	2	2	2	3	3	3	3	3	3	4



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	3	3	3	3	3	4	4
32.5°	2	2	2	2	3	3	3	3	3	4	4
31.25°	2	2	2	2	3	3	3	3	3	4	4
30°	2	2	2	3	3	3	3	3	3	4	4
28.75°	2	2	2	3	3	3	3	3	4	4	4
27.5°	2	2	2	3	3	3	3	3	4	4	4
26.25°	2	2	2	3	3	3	3	3	4	4	4
25°	2	2	2	3	3	3	3	3	4	4	4
23.75°	2	2	2	3	3	3	3	3	4	4	4
22.5°	2	2	2	3	3	3	3	4	4	4	4
21.25°	2	2	3	3	3	3	3	4	4	4	4
20°	2	2	3	3	3	3	3	4	4	4	4
18.75°	2	2	3	3	3	3	3	4	4	4	4
17.5°	2	2	3	3	3	3	3	4	4	4	4
16.25°	2	2	3	3	3	3	3	4	4	4	4
15°	2	2	3	3	3	3	3	4	4	4	4
13.75°	2	2	3	3	3	3	4	4	4	4	4
12.5°	2	2	3	3	3	3	4	4	4	4	4
11.25°	2	2	3	3	3	3	4	4	4	4	4
10°	2	2	3	3	3	3	4	4	4	4	4
8.75°	2	2	3	3	3	3	4	4	4	4	4
7.5°	2	2	3	3	3	3	4	4	4	4	5
6.25°	2	2	3	3	3	3	4	4	4	4	5
5°	2	2	3	3	3	3	4	4	4	4	5
3.75°	2	2	3	3	3	3	4	4	4	4	5
2.5°	2	2	3	3	3	3	4	4	4	4	5
1.25°	2	2	3	3	3	3	4	4	4	4	5
0°	2	3	3	3	3	3	4	4	4	4	5
-1.25°	2	2	3	3	3	3	4	4	4	4	5
-2.5°	2	2	3	3	3	3	4	4	4	4	5
-3.75°	2	2	3	3	3	3	4	4	4	4	5
-5°	2	2	3	3	3	3	4	4	4	4	5
-6.25°	2	2	3	3	3	3	4	4	4	4	5
-7.5°	2	2	3	3	3	3	4	4	4	4	5
-8.75°	2	2	3	3	3	3	4	4	4	4	4
-10°	2	2	3	3	3	3	4	4	4	4	4
-11.25°	2	2	3	3	3	3	4	4	4	4	4
-12.5°	2	2	3	3	3	3	4	4	4	4	4
-13.75°	2	2	3	3	3	3	4	4	4	4	4
-15°	2	2	3	3	3	3	3	4	4	4	4
-16.25°	2	2	3	3	3	3	3	4	4	4	4
-17.5°	2	2	3	3	3	3	3	4	4	4	4
-18.75°	2	2	3	3	3	3	3	4	4	4	4
-20°	2	2	3	3	3	3	3	4	4	4	4
-21.25°	2	2	3	3	3	3	3	4	4	4	4



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	3	3	3	3	4	4	4	4
-23.75°	2	2	2	3	3	3	3	3	4	4	4
-25°	2	2	2	3	3	3	3	3	4	4	4
-26.25°	2	2	2	3	3	3	3	3	4	4	4
-27.5°	2	2	2	3	3	3	3	3	4	4	4
-28.75°	2	2	2	3	3	3	3	3	4	4	4
-30°	2	2	2	3	3	3	3	3	3	4	4
-31.25°	2	2	2	2	3	3	3	3	3	4	4
-32.5°	2	2	2	2	3	3	3	3	3	4	4
-33.75°	2	2	2	2	3	3	3	3	3	4	4
-35°	2	2	2	2	3	3	3	3	3	3	4
-36.25°	2	2	2	2	3	3	3	3	3	3	4
-37.5°	2	2	2	2	2	3	3	3	3	3	3
-38.75°	2	2	2	2	2	3	3	3	3	3	3
-40°	2	2	2	2	2	3	3	3	3	3	3
-41.25°	2	2	2	2	2	2	3	3	3	3	3
-42.5°	2	2	2	2	2	2	3	3	3	3	3
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	1	2	2	2	2	2	2	2	3	3	3
-48.75°	1	2	2	2	2	2	2	2	3	3	3
-50°	1	2	2	2	2	2	2	2	3	3	3
-51.25°	1	1	2	2	2	2	2	2	2	3	3
-52.5°	1	1	2	2	2	2	2	2	2	2	3
-53.75°	1	1	2	2	2	2	2	2	2	2	3
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	2	2	2	2	2	2	2
-60°	1	1	1	1	1	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	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	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	2
73.75°	1	1	1	1	1	1	1	2	2	2	2
72.5°	1	1	1	1	1	2	2	2	2	2	2
71.25°	1	1	1	2	2	2	2	2	2	2	2
70°	1	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	3
65°	2	2	2	2	2	2	2	2	2	3	3
63.75°	2	2	2	2	2	2	2	3	3	3	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	2	2	2	3	3	3	3	3	3
60°	2	2	2	3	3	3	3	3	3	3	3
58.75°	2	2	3	3	3	3	3	3	3	3	3
57.5°	2	2	3	3	3	3	3	3	3	3	3
56.25°	2	3	3	3	3	3	3	3	3	3	4
55°	3	3	3	3	3	3	3	3	3	4	4
53.75°	3	3	3	3	3	3	3	3	4	4	4
52.5°	3	3	3	3	3	3	3	4	4	4	4
51.25°	3	3	3	3	3	3	4	4	4	4	4
50°	3	3	3	3	3	4	4	4	4	4	4
48.75°	3	3	3	3	4	4	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	4	5
45°	3	3	4	4	4	4	4	4	4	5	5
43.75°	3	3	4	4	4	4	4	4	5	5	5
42.5°	3	4	4	4	4	4	4	4	5	5	5
41.25°	3	4	4	4	4	4	4	5	5	5	5
40°	4	4	4	4	4	4	5	5	5	5	5
38.75°	4	4	4	4	4	4	5	5	5	5	5
37.5°	4	4	4	4	4	5	5	5	5	5	5
36.25°	4	4	4	4	4	5	5	5	5	5	5
35°	4	4	4	4	5	5	5	5	5	5	6



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	4	4	4	4	5	5	5	5	5	5	6
32.5°	4	4	4	5	5	5	5	5	5	6	6
31.25°	4	4	4	5	5	5	5	5	5	6	6
30°	4	4	4	5	5	5	5	5	6	6	6
28.75°	4	4	5	5	5	5	5	5	6	6	6
27.5°	4	4	5	5	5	5	5	6	6	6	7
26.25°	4	4	5	5	5	5	5	6	6	6	7
25°	4	4	5	5	5	5	5	6	6	7	7
23.75°	4	5	5	5	5	5	6	6	6	7	7
22.5°	4	5	5	5	5	5	6	6	6	7	8
21.25°	4	5	5	5	5	5	6	6	7	7	8
20°	4	5	5	5	5	5	6	6	7	7	8
18.75°	4	5	5	5	5	6	6	6	7	8	8
17.5°	5	5	5	5	5	6	6	6	7	8	9
16.25°	5	5	5	5	5	6	6	7	7	8	9
15°	5	5	5	5	5	6	6	7	7	8	9
13.75°	5	5	5	5	5	6	6	7	8	8	10
12.5°	5	5	5	5	6	6	6	7	8	9	10
11.25°	5	5	5	5	6	6	6	7	8	9	10
10°	5	5	5	5	6	6	6	7	8	9	11
8.75°	5	5	5	5	6	6	7	7	8	9	11
7.5°	5	5	5	5	6	6	7	7	8	9	11
6.25°	5	5	5	5	6	6	7	7	8	10	11
5°	5	5	5	5	6	6	7	7	8	10	11
3.75°	5	5	5	5	6	6	7	7	8	10	12
2.5°	5	5	5	5	6	6	7	7	8	10	12
1.25°	5	5	5	5	6	6	7	7	8	10	12
0°	5	5	5	5	6	6	7	8	8	10	12
-1.25°	5	5	5	5	6	6	7	7	8	10	12
-2.5°	5	5	5	5	6	6	7	7	8	10	12
-3.75°	5	5	5	5	6	6	7	7	8	10	12
-5°	5	5	5	5	6	6	7	7	8	10	11
-6.25°	5	5	5	5	6	6	7	7	8	10	11
-7.5°	5	5	5	5	6	6	7	7	8	9	11
-8.75°	5	5	5	5	6	6	7	7	8	9	11
-10°	5	5	5	5	6	6	6	7	8	9	11
-11.25°	5	5	5	5	6	6	6	7	8	9	10
-12.5°	5	5	5	5	6	6	6	7	8	9	10
-13.75°	5	5	5	5	5	6	6	7	8	8	10
-15°	5	5	5	5	5	6	6	7	7	8	9
-16.25°	5	5	5	5	5	6	6	7	7	8	9
-17.5°	5	5	5	5	5	6	6	6	7	8	9
-18.75°	4	5	5	5	5	6	6	6	7	8	8
-20°	4	5	5	5	5	5	6	6	7	7	8
-21.25°	4	5	5	5	5	5	6	6	7	7	8





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	4	5	5	5	5	5	6	6	6	7	8
-23.75°	4	5	5	5	5	5	6	6	6	7	7
-25°	4	4	5	5	5	5	5	6	6	7	7
-26.25°	4	4	5	5	5	5	5	6	6	6	7
-27.5°	4	4	5	5	5	5	5	6	6	6	7
-28.75°	4	4	5	5	5	5	5	5	6	6	6
-30°	4	4	4	5	5	5	5	5	6	6	6
-31.25°	4	4	4	5	5	5	5	5	5	6	6
-32.5°	4	4	4	5	5	5	5	5	5	6	6
-33.75°	4	4	4	4	5	5	5	5	5	5	6
-35°	4	4	4	4	5	5	5	5	5	5	6
-36.25°	4	4	4	4	4	5	5	5	5	5	5
-37.5°	4	4	4	4	4	5	5	5	5	5	5
-38.75°	4	4	4	4	4	4	5	5	5	5	5
-40°	4	4	4	4	4	4	5	5	5	5	5
-41.25°	3	4	4	4	4	4	4	5	5	5	5
-42.5°	3	4	4	4	4	4	4	4	5	5	5
-43.75°	3	3	4	4	4	4	4	4	5	5	5
-45°	3	3	4	4	4	4	4	4	4	5	5
-46.25°	3	3	3	4	4	4	4	4	4	4	5
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	4	4	4	4	4	4	4
-50°	3	3	3	3	3	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	4	4	4
-55°	3	3	3	3	3	3	3	3	3	4	4
-56.25°	2	3	3	3	3	3	3	3	3	3	4
-57.5°	2	2	3	3	3	3	3	3	3	3	3
-58.75°	2	2	3	3	3	3	3	3	3	3	3
-60°	2	2	2	3	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	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°	1	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	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	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	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	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	2	2	2	2
76.25°	1	1	2	2	2	2	2	2	2	2	2
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	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	3
70°	2	2	2	2	2	2	2	3	3	3	3
68.75°	2	2	2	2	3	3	3	3	3	3	3
67.5°	2	2	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	4
62.5°	3	3	3	3	3	3	3	4	4	4	4
61.25°	3	3	3	3	3	4	4	4	4	4	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	5	5
55°	4	4	4	4	4	4	4	5	5	5	5
53.75°	4	4	4	4	4	4	5	5	5	5	5
52.5°	4	4	4	4	5	5	5	5	5	5	5
51.25°	4	4	4	5	5	5	5	5	5	5	5
50°	4	4	5	5	5	5	5	5	5	5	5
48.75°	4	5	5	5	5	5	5	5	5	5	6
47.5°	5	5	5	5	5	5	5	5	6	6	6
46.25°	5	5	5	5	5	5	5	6	6	6	6
45°	5	5	5	5	5	5	6	6	6	6	7
43.75°	5	5	5	5	5	6	6	6	6	7	7
42.5°	5	5	5	5	6	6	6	6	7	7	8
41.25°	5	5	5	6	6	6	6	7	7	8	8
40°	5	5	6	6	6	6	7	7	8	8	9
38.75°	5	6	6	6	6	7	7	8	8	9	10
37.5°	5	6	6	6	7	7	8	8	9	10	11
36.25°	6	6	6	7	7	8	8	9	10	11	13
35°	6	6	7	7	8	8	9	10	11	13	14



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	6	6	7	7	8	9	10	11	12	14	15
32.5°	6	7	7	8	8	10	11	12	14	15	17
31.25°	6	7	7	8	9	10	12	13	15	16	19
30°	7	7	8	9	10	11	13	14	16	18	21
28.75°	7	8	8	9	11	12	14	15	18	20	22
27.5°	7	8	9	10	11	13	15	17	19	22	25
26.25°	8	8	9	11	12	14	16	18	21	24	28
25°	8	9	10	12	13	15	17	20	22	27	31
23.75°	8	9	11	12	14	16	18	21	25	29	34
22.5°	8	10	11	13	15	17	20	23	27	32	38
21.25°	9	10	12	14	16	18	21	25	30	35	43
20°	9	11	13	14	16	19	22	27	32	39	47
18.75°	10	11	13	15	18	21	24	29	34	43	51
17.5°	10	12	14	16	19	22	26	31	38	46	55
16.25°	11	12	14	16	20	23	28	33	41	50	60
15°	11	13	15	17	20	24	29	35	44	53	65
13.75°	11	13	15	18	21	26	31	38	47	57	69
12.5°	12	14	16	19	22	27	32	40	49	61	73
11.25°	12	14	16	20	23	28	33	43	52	64	77
10°	13	15	17	20	24	29	35	45	54	67	80
8.75°	13	15	17	21	25	30	37	46	57	70	84
7.5°	13	15	18	21	26	31	39	48	59	72	88
6.25°	13	15	18	22	26	32	40	49	61	74	91
5°	13	15	19	22	27	32	41	51	63	76	94
3.75°	14	16	19	22	27	33	42	51	64	77	96
2.5°	14	16	19	22	28	33	42	52	65	78	97
1.25°	14	16	19	22	28	33	43	52	66	79	98
0°	14	16	19	23	28	33	43	53	66	79	98
-1.25°	14	16	19	22	28	33	43	52	66	79	98
-2.5°	14	16	19	22	28	33	42	52	65	78	97
-3.75°	14	16	19	22	27	33	42	51	64	77	96
-5°	13	15	19	22	27	32	41	51	63	76	94
-6.25°	13	15	18	22	26	32	40	49	61	74	91
-7.5°	13	15	18	21	26	31	39	48	59	72	88
-8.75°	13	15	17	21	25	30	37	46	57	70	84
-10°	13	15	17	20	24	29	35	45	54	67	80
-11.25°	12	14	16	20	23	28	33	43	52	64	77
-12.5°	12	14	16	19	22	27	32	40	49	61	73
-13.75°	11	13	15	18	21	26	31	38	47	57	69
-15°	11	13	15	17	20	24	29	35	44	53	65
-16.25°	11	12	14	16	20	23	28	33	41	50	60
-17.5°	10	12	14	16	19	22	26	31	38	46	55
-18.75°	10	11	13	15	18	21	24	29	34	43	51
-20°	9	11	13	14	16	19	22	27	32	39	47
-21.25°	9	10	12	14	16	18	21	25	30	35	43



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	8	10	11	13	15	17	20	23	27	32	38
-23.75°	8	9	11	12	14	16	18	21	25	29	34
-25°	8	9	10	12	13	15	17	20	22	27	31
-26.25°	8	8	9	11	12	14	16	18	21	24	28
-27.5°	7	8	9	10	11	13	15	17	19	22	25
-28.75°	7	8	8	9	11	12	14	15	18	20	22
-30°	7	7	8	9	10	11	13	14	16	18	21
-31.25°	6	7	7	8	9	10	12	13	15	16	19
-32.5°	6	7	7	8	8	10	11	12	14	15	17
-33.75°	6	6	7	7	8	9	10	11	12	14	15
-35°	6	6	7	7	8	8	9	10	11	13	14
-36.25°	6	6	6	7	7	8	8	9	10	11	13
-37.5°	5	6	6	6	7	7	8	8	9	10	11
-38.75°	5	6	6	6	6	7	7	8	8	9	10
-40°	5	5	6	6	6	6	7	7	8	8	9
-41.25°	5	5	5	6	6	6	6	7	7	8	8
-42.5°	5	5	5	5	6	6	6	6	7	7	8
-43.75°	5	5	5	5	5	6	6	6	6	7	7
-45°	5	5	5	5	5	5	6	6	6	6	7
-46.25°	5	5	5	5	5	5	5	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	6	6	6
-48.75°	4	5	5	5	5	5	5	5	5	5	6
-50°	4	4	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	5	5	5	5
-55°	4	4	4	4	4	4	4	5	5	5	5
-56.25°	4	4	4	4	4	4	4	4	4	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	4	4	4	4	4	4	4	4	4
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	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	2	2	2
-76.25°	1	1	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
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	3	3	3	3	3	3	3
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	4
66.25°	3	3	3	3	3	4	4	4	4	4	4
65°	3	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	5	5
60°	4	4	4	4	4	5	5	5	5	5	5
58.75°	4	4	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	6	6
53.75°	5	5	5	5	5	5	6	6	6	6	6
52.5°	5	5	5	5	6	6	6	6	6	6	6
51.25°	5	5	6	6	6	6	6	6	7	7	7
50°	6	6	6	6	6	6	7	7	7	7	8
48.75°	6	6	6	6	7	7	7	8	8	8	8
47.5°	6	6	7	7	7	8	8	8	9	9	10
46.25°	7	7	7	7	8	8	9	9	10	11	11
45°	7	7	8	8	9	9	10	11	12	12	13
43.75°	8	8	8	9	10	11	11	12	13	14	15
42.5°	8	9	10	10	11	12	13	14	15	16	17
41.25°	9	10	11	12	13	14	15	16	17	18	20
40°	10	11	12	13	14	15	17	18	20	21	23
38.75°	11	12	14	15	16	18	19	21	22	25	27
37.5°	13	14	15	16	18	20	22	24	27	29	32
36.25°	14	15	17	19	21	22	25	28	31	34	38
35°	15	17	19	21	23	26	29	32	37	42	46



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	17	19	21	24	27	30	33	39	44	49	55
32.5°	19	21	24	27	31	35	40	46	51	58	65
31.25°	21	24	27	31	35	41	47	53	61	68	76
30°	23	27	31	35	42	48	55	63	71	78	89
28.75°	26	30	35	41	48	55	64	72	81	92	104
27.5°	29	33	40	47	55	64	73	82	95	106	118
26.25°	32	39	46	53	63	72	82	95	108	122	139
25°	37	44	51	61	71	81	95	108	123	142	160
23.75°	42	49	58	68	78	92	106	122	142	161	183
22.5°	46	55	65	76	89	104	118	139	160	183	212
21.25°	51	61	72	84	99	114	135	157	180	210	239
20°	56	67	78	94	109	128	151	173	205	236	268
18.75°	62	73	87	103	120	143	166	196	229	262	300
17.5°	67	79	95	112	133	157	184	218	252	291	334
16.25°	72	86	103	121	146	171	204	239	277	321	369
15°	77	93	111	133	158	187	224	260	303	351	405
13.75°	82	100	118	144	170	204	241	283	330	383	441
12.5°	88	106	127	154	182	220	258	304	356	413	476
11.25°	94	112	136	163	196	235	277	326	381	443	510
10°	99	117	144	171	209	248	294	346	406	472	543
8.75°	103	124	151	180	220	261	310	366	429	498	573
7.5°	107	130	157	190	230	273	325	383	449	522	601
6.25°	110	135	163	198	239	284	337	399	468	543	625
5°	113	139	167	205	246	293	348	412	483	561	645
3.75°	115	142	170	210	251	300	358	423	496	575	662
2.5°	116	144	173	214	255	306	364	431	504	585	674
1.25°	117	146	174	216	258	309	368	435	510	592	681
0°	118	146	175	217	258	310	370	437	512	594	684
-1.25°	117	146	174	216	258	309	368	435	510	592	681
-2.5°	116	144	173	214	255	306	364	431	504	585	674
-3.75°	115	142	170	210	251	300	358	423	496	575	662
-5°	113	139	167	205	246	293	348	412	483	561	645
-6.25°	110	135	163	198	239	284	337	399	468	543	625
-7.5°	107	130	157	190	230	273	325	383	449	522	601
-8.75°	103	124	151	180	220	261	310	366	429	498	573
-10°	99	117	144	171	209	248	294	346	406	472	543
-11.25°	94	112	136	163	196	235	277	326	381	443	510
-12.5°	88	106	127	154	182	220	258	304	356	413	476
-13.75°	82	100	118	144	170	204	241	283	330	383	441
-15°	77	93	111	133	158	187	224	260	303	351	405
-16.25°	72	86	103	121	146	171	204	239	277	321	369
-17.5°	67	79	95	112	133	157	184	218	252	291	334
-18.75°	62	73	87	103	120	143	166	196	229	262	300
-20°	56	67	78	94	109	128	151	173	205	236	268
-21.25°	51	61	72	84	99	114	135	157	180	210	239





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	46	55	65	76	89	104	118	139	160	183	212
-23.75°	42	49	58	68	78	92	106	122	142	161	183
-25°	37	44	51	61	71	81	95	108	123	142	160
-26.25°	32	39	46	53	63	72	82	95	108	122	139
-27.5°	29	33	40	47	55	64	73	82	95	106	118
-28.75°	26	30	35	41	48	55	64	72	81	92	104
-30°	23	27	31	35	42	48	55	63	71	78	89
-31.25°	21	24	27	31	35	41	47	53	61	68	76
-32.5°	19	21	24	27	31	35	40	46	51	58	65
-33.75°	17	19	21	24	27	30	33	39	44	49	55
-35°	15	17	19	21	23	26	29	32	37	42	46
-36.25°	14	15	17	19	21	22	25	28	31	34	38
-37.5°	13	14	15	16	18	20	22	24	27	29	32
-38.75°	11	12	14	15	16	18	19	21	22	25	27
-40°	10	11	12	13	14	15	17	18	20	21	23
-41.25°	9	10	11	12	13	14	15	16	17	18	20
-42.5°	8	9	10	10	11	12	13	14	15	16	17
-43.75°	8	8	8	9	10	11	11	12	13	14	15
-45°	7	7	8	8	9	9	10	11	12	12	13
-46.25°	7	7	7	7	8	8	9	9	10	11	11
-47.5°	6	6	7	7	7	8	8	8	9	9	10
-48.75°	6	6	6	6	7	7	7	8	8	8	8
-50°	6	6	6	6	6	6	7	7	7	7	8
-51.25°	5	5	6	6	6	6	6	6	7	7	7
-52.5°	5	5	5	5	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	4	4	4	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	4
-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	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
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	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	6	6	6	6
56.25°	5	5	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	7
53.75°	6	6	6	6	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	8	8	8	8	8
51.25°	7	7	8	8	8	8	8	9	9	9	9
50°	8	8	8	9	9	9	10	10	10	11	11
48.75°	9	9	10	10	11	11	11	12	12	13	13
47.5°	10	11	11	12	12	13	13	14	14	15	15
46.25°	12	13	13	14	14	15	15	16	16	17	17
45°	14	14	15	16	16	17	18	19	20	20	21
43.75°	16	16	18	19	20	20	21	22	23	24	25
42.5°	18	19	21	22	23	24	26	27	28	29	30
41.25°	21	22	24	26	28	29	31	32	33	35	37
40°	25	27	29	31	33	35	38	40	43	45	46
38.75°	30	32	34	38	41	44	47	49	52	54	57
37.5°	35	39	43	46	50	53	57	61	64	67	70
36.25°	43	47	51	55	60	65	69	73	77	80	84
35°	51	56	62	67	72	77	82	88	94	99	103



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	61	67	73	79	86	93	100	106	112	117	124
32.5°	72	78	87	95	103	111	118	127	136	144	151
31.25°	84	94	103	112	121	133	144	154	163	171	180
30°	99	109	120	133	146	158	170	182	196	209	220
28.75°	114	128	143	157	171	187	204	220	235	248	261
27.5°	135	151	166	184	204	224	241	258	277	294	310
26.25°	157	173	196	218	239	260	283	304	326	346	366
25°	180	205	229	252	277	303	330	356	381	406	429
23.75°	210	236	262	291	321	351	383	413	443	472	498
22.5°	239	268	300	334	369	405	441	476	510	543	573
21.25°	271	305	342	381	422	462	503	544	582	619	654
20°	305	345	387	432	478	524	569	615	659	701	741
18.75°	342	387	435	485	536	588	639	691	740	788	831
17.5°	381	432	485	541	597	654	712	770	824	875	924
16.25°	422	478	536	597	660	723	787	849	909	967	1018
15°	462	524	588	654	723	793	862	930	995	1054	1111
13.75°	503	569	639	712	787	862	938	1010	1078	1143	1200
12.5°	544	615	691	770	849	930	1010	1085	1158	1225	1282
11.25°	582	659	740	824	909	995	1078	1158	1232	1298	1355
10°	619	701	788	875	967	1054	1143	1225	1298	1364	1418
8.75°	654	741	831	924	1018	1111	1200	1282	1355	1418	1471
7.5°	686	776	870	969	1064	1160	1250	1332	1403	1464	1516
6.25°	713	807	905	1006	1105	1203	1293	1374	1443	1502	1554
5°	737	834	935	1036	1139	1237	1327	1406	1474	1533	1584
3.75°	756	854	959	1061	1166	1264	1354	1432	1498	1557	1608
2.5°	770	869	975	1080	1185	1283	1373	1449	1515	1573	1625
1.25°	778	878	985	1091	1197	1295	1384	1459	1526	1584	1636
0°	781	881	989	1095	1200	1299	1387	1462	1529	1587	1639
-1.25°	778	878	985	1091	1197	1295	1384	1459	1526	1584	1636
-2.5°	770	869	975	1080	1185	1283	1373	1449	1515	1573	1625
-3.75°	756	854	959	1061	1166	1264	1354	1432	1498	1557	1608
-5°	737	834	935	1036	1139	1237	1327	1406	1474	1533	1584
-6.25°	713	807	905	1006	1105	1203	1293	1374	1443	1502	1554
-7.5°	686	776	870	969	1064	1160	1250	1332	1403	1464	1516
-8.75°	654	741	831	924	1018	1111	1200	1282	1355	1418	1471
-10°	619	701	788	875	967	1054	1143	1225	1298	1364	1418
-11.25°	582	659	740	824	909	995	1078	1158	1232	1298	1355
-12.5°	544	615	691	770	849	930	1010	1085	1158	1225	1282
-13.75°	503	569	639	712	787	862	938	1010	1078	1143	1200
-15°	462	524	588	654	723	793	862	930	995	1054	1111
-16.25°	422	478	536	597	660	723	787	849	909	967	1018
-17.5°	381	432	485	541	597	654	712	770	824	875	924
-18.75°	342	387	435	485	536	588	639	691	740	788	831
-20°	305	345	387	432	478	524	569	615	659	701	741
-21.25°	271	305	342	381	422	462	503	544	582	619	654



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	239	268	300	334	369	405	441	476	510	543	573
-23.75°	210	236	262	291	321	351	383	413	443	472	498
-25°	180	205	229	252	277	303	330	356	381	406	429
-26.25°	157	173	196	218	239	260	283	304	326	346	366
-27.5°	135	151	166	184	204	224	241	258	277	294	310
-28.75°	114	128	143	157	171	187	204	220	235	248	261
-30°	99	109	120	133	146	158	170	182	196	209	220
-31.25°	84	94	103	112	121	133	144	154	163	171	180
-32.5°	72	78	87	95	103	111	118	127	136	144	151
-33.75°	61	67	73	79	86	93	100	106	112	117	124
-35°	51	56	62	67	72	77	82	88	94	99	103
-36.25°	43	47	51	55	60	65	69	73	77	80	84
-37.5°	35	39	43	46	50	53	57	61	64	67	70
-38.75°	30	32	34	38	41	44	47	49	52	54	57
-40°	25	27	29	31	33	35	38	40	43	45	46
-41.25°	21	22	24	26	28	29	31	32	33	35	37
-42.5°	18	19	21	22	23	24	26	27	28	29	30
-43.75°	16	16	18	19	20	20	21	22	23	24	25
-45°	14	14	15	16	16	17	18	19	20	20	21
-46.25°	12	13	13	14	14	15	15	16	16	17	17
-47.5°	10	11	11	12	12	13	13	14	14	15	15
-48.75°	9	9	10	10	11	11	11	12	12	13	13
-50°	8	8	8	9	9	9	10	10	10	11	11
-51.25°	7	7	8	8	8	8	8	9	9	9	9
-52.5°	7	7	7	7	7	7	8	8	8	8	8
-53.75°	6	6	6	6	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	6	6	6	6	7
-56.25°	5	5	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	5	5	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	3	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	8	7	7	7	7
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	9	10	10	10	10	10	10	10	10	10	10
50°	11	11	11	12	12	12	12	12	12	12	11
48.75°	13	13	13	14	14	14	14	14	14	14	13
47.5°	15	15	15	16	16	16	16	16	16	16	15
46.25°	18	18	19	19	19	19	19	19	19	19	19
45°	21	22	22	22	22	22	23	22	22	22	22
43.75°	26	26	27	27	28	28	28	28	28	27	27
42.5°	31	32	32	33	33	33	33	33	33	33	32
41.25°	39	40	41	42	42	43	43	43	42	42	41
40°	48	49	51	51	52	52	53	52	52	51	51
38.75°	59	61	63	64	65	66	66	66	65	64	63
37.5°	72	74	76	77	78	79	79	79	78	77	76
36.25°	88	91	94	96	97	98	98	98	97	96	94
35°	107	110	113	115	116	117	118	117	116	115	113



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	130	135	139	142	144	146	146	146	144	142	139
32.5°	157	163	167	170	173	174	175	174	173	170	167
31.25°	190	198	205	210	214	216	217	216	214	210	205
30°	230	239	246	251	255	258	258	258	255	251	246
28.75°	273	284	293	300	306	309	310	309	306	300	293
27.5°	325	337	348	358	364	368	370	368	364	358	348
26.25°	383	399	412	423	431	435	437	435	431	423	412
25°	449	468	483	496	504	510	512	510	504	496	483
23.75°	522	543	561	575	585	592	594	592	585	575	561
22.5°	601	625	645	662	674	681	684	681	674	662	645
21.25°	686	713	737	756	770	778	781	778	770	756	737
20°	776	807	834	854	869	878	881	878	869	854	834
18.75°	870	905	935	959	975	985	989	985	975	959	935
17.5°	969	1006	1036	1061	1080	1091	1095	1091	1080	1061	1036
16.25°	1064	1105	1139	1166	1185	1197	1200	1197	1185	1166	1139
15°	1160	1203	1237	1264	1283	1295	1299	1295	1283	1264	1237
13.75°	1250	1293	1327	1354	1373	1384	1387	1384	1373	1354	1327
12.5°	1332	1374	1406	1432	1449	1459	1462	1459	1449	1432	1406
11.25°	1403	1443	1474	1498	1515	1526	1529	1526	1515	1498	1474
10°	1464	1502	1533	1557	1573	1584	1587	1584	1573	1557	1533
8.75°	1516	1554	1584	1608	1625	1636	1639	1636	1625	1608	1584
7.5°	1560	1598	1629	1653	1671	1681	1684	1681	1671	1653	1629
6.25°	1598	1636	1668	1691	1705	1711	1713	1711	1705	1691	1668
5°	1629	1668	1698	1713	1720	1723	1724	1723	1720	1713	1698
3.75°	1653	1691	1713	1722	1724	1723	1722	1723	1724	1722	1713
2.5°	1671	1705	1720	1724	1721	1718	1717	1718	1721	1724	1720
1.25°	1681	1711	1723	1723	1718	1716	1717	1716	1718	1723	1723
0°	1684	1713	1724	1722	1717	1717	1724	1717	1717	1722	1724
-1.25°	1681	1711	1723	1723	1718	1716	1717	1716	1718	1723	1723
-2.5°	1671	1705	1720	1724	1721	1718	1717	1718	1721	1724	1720
-3.75°	1653	1691	1713	1722	1724	1723	1722	1723	1724	1722	1713
-5°	1629	1668	1698	1713	1720	1723	1724	1723	1720	1713	1698
-6.25°	1598	1636	1668	1691	1705	1711	1713	1711	1705	1691	1668
-7.5°	1560	1598	1629	1653	1671	1681	1684	1681	1671	1653	1629
-8.75°	1516	1554	1584	1608	1625	1636	1639	1636	1625	1608	1584
-10°	1464	1502	1533	1557	1573	1584	1587	1584	1573	1557	1533
-11.25°	1403	1443	1474	1498	1515	1526	1529	1526	1515	1498	1474
-12.5°	1332	1374	1406	1432	1449	1459	1462	1459	1449	1432	1406
-13.75°	1250	1293	1327	1354	1373	1384	1387	1384	1373	1354	1327
-15°	1160	1203	1237	1264	1283	1295	1299	1295	1283	1264	1237
-16.25°	1064	1105	1139	1166	1185	1197	1200	1197	1185	1166	1139
-17.5°	969	1006	1036	1061	1080	1091	1095	1091	1080	1061	1036
-18.75°	870	905	935	959	975	985	989	985	975	959	935
-20°	776	807	834	854	869	878	881	878	869	854	834
-21.25°	686	713	737	756	770	778	781	778	770	756	737





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	601	625	645	662	674	681	684	681	674	662	645
-23.75°	522	543	561	575	585	592	594	592	585	575	561
-25°	449	468	483	496	504	510	512	510	504	496	483
-26.25°	383	399	412	423	431	435	437	435	431	423	412
-27.5°	325	337	348	358	364	368	370	368	364	358	348
-28.75°	273	284	293	300	306	309	310	309	306	300	293
-30°	230	239	246	251	255	258	258	258	255	251	246
-31.25°	190	198	205	210	214	216	217	216	214	210	205
-32.5°	157	163	167	170	173	174	175	174	173	170	167
-33.75°	130	135	139	142	144	146	146	146	144	142	139
-35°	107	110	113	115	116	117	118	117	116	115	113
-36.25°	88	91	94	96	97	98	98	98	97	96	94
-37.5°	72	74	76	77	78	79	79	79	78	77	76
-38.75°	59	61	63	64	65	66	66	66	65	64	63
-40°	48	49	51	51	52	52	53	52	52	51	51
-41.25°	39	40	41	42	42	43	43	43	42	42	41
-42.5°	31	32	32	33	33	33	33	33	33	33	32
-43.75°	26	26	27	27	28	28	28	28	28	27	27
-45°	21	22	22	22	22	22	23	22	22	22	22
-46.25°	18	18	19	19	19	19	19	19	19	19	19
-47.5°	15	15	15	16	16	16	16	16	16	16	15
-48.75°	13	13	13	14	14	14	14	14	14	14	13
-50°	11	11	11	12	12	12	12	12	12	12	11
-51.25°	9	10	10	10	10	10	10	10	10	10	10
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	8	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	3	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	5	5	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	6	6
52.5°	8	8	8	8	8	8	8	7	7	7	7
51.25°	10	9	9	9	9	9	8	8	8	8	8
50°	11	11	11	11	10	10	10	9	9	9	8
48.75°	13	13	13	13	12	12	11	11	11	10	10
47.5°	15	15	15	15	14	14	13	13	12	12	11
46.25°	18	18	17	17	16	16	15	15	14	14	13
45°	22	21	21	20	20	19	18	17	16	16	15
43.75°	26	26	25	24	23	22	21	20	20	19	18
42.5°	32	31	30	29	28	27	26	24	23	22	21
41.25°	40	39	37	35	33	32	31	29	28	26	24
40°	49	48	46	45	43	40	38	35	33	31	29
38.75°	61	59	57	54	52	49	47	44	41	38	34
37.5°	74	72	70	67	64	61	57	53	50	46	43
36.25°	91	88	84	80	77	73	69	65	60	55	51
35°	110	107	103	99	94	88	82	77	72	67	62



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	135	130	124	117	112	106	100	93	86	79	73
32.5°	163	157	151	144	136	127	118	111	103	95	87
31.25°	198	190	180	171	163	154	144	133	121	112	103
30°	239	230	220	209	196	182	170	158	146	133	120
28.75°	284	273	261	248	235	220	204	187	171	157	143
27.5°	337	325	310	294	277	258	241	224	204	184	166
26.25°	399	383	366	346	326	304	283	260	239	218	196
25°	468	449	429	406	381	356	330	303	277	252	229
23.75°	543	522	498	472	443	413	383	351	321	291	262
22.5°	625	601	573	543	510	476	441	405	369	334	300
21.25°	713	686	654	619	582	544	503	462	422	381	342
20°	807	776	741	701	659	615	569	524	478	432	387
18.75°	905	870	831	788	740	691	639	588	536	485	435
17.5°	1006	969	924	875	824	770	712	654	597	541	485
16.25°	1105	1064	1018	967	909	849	787	723	660	597	536
15°	1203	1160	1111	1054	995	930	862	793	723	654	588
13.75°	1293	1250	1200	1143	1078	1010	938	862	787	712	639
12.5°	1374	1332	1282	1225	1158	1085	1010	930	849	770	691
11.25°	1443	1403	1355	1298	1232	1158	1078	995	909	824	740
10°	1502	1464	1418	1364	1298	1225	1143	1054	967	875	788
8.75°	1554	1516	1471	1418	1355	1282	1200	1111	1018	924	831
7.5°	1598	1560	1516	1464	1403	1332	1250	1160	1064	969	870
6.25°	1636	1598	1554	1502	1443	1374	1293	1203	1105	1006	905
5°	1668	1629	1584	1533	1474	1406	1327	1237	1139	1036	935
3.75°	1691	1653	1608	1557	1498	1432	1354	1264	1166	1061	959
2.5°	1705	1671	1625	1573	1515	1449	1373	1283	1185	1080	975
1.25°	1711	1681	1636	1584	1526	1459	1384	1295	1197	1091	985
0°	1713	1684	1639	1587	1529	1462	1387	1299	1200	1095	989
-1.25°	1711	1681	1636	1584	1526	1459	1384	1295	1197	1091	985
-2.5°	1705	1671	1625	1573	1515	1449	1373	1283	1185	1080	975
-3.75°	1691	1653	1608	1557	1498	1432	1354	1264	1166	1061	959
-5°	1668	1629	1584	1533	1474	1406	1327	1237	1139	1036	935
-6.25°	1636	1598	1554	1502	1443	1374	1293	1203	1105	1006	905
-7.5°	1598	1560	1516	1464	1403	1332	1250	1160	1064	969	870
-8.75°	1554	1516	1471	1418	1355	1282	1200	1111	1018	924	831
-10°	1502	1464	1418	1364	1298	1225	1143	1054	967	875	788
-11.25°	1443	1403	1355	1298	1232	1158	1078	995	909	824	740
-12.5°	1374	1332	1282	1225	1158	1085	1010	930	849	770	691
-13.75°	1293	1250	1200	1143	1078	1010	938	862	787	712	639
-15°	1203	1160	1111	1054	995	930	862	793	723	654	588
-16.25°	1105	1064	1018	967	909	849	787	723	660	597	536
-17.5°	1006	969	924	875	824	770	712	654	597	541	485
-18.75°	905	870	831	788	740	691	639	588	536	485	435
-20°	807	776	741	701	659	615	569	524	478	432	387
-21.25°	713	686	654	619	582	544	503	462	422	381	342



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	625	601	573	543	510	476	441	405	369	334	300
-23.75°	543	522	498	472	443	413	383	351	321	291	262
-25°	468	449	429	406	381	356	330	303	277	252	229
-26.25°	399	383	366	346	326	304	283	260	239	218	196
-27.5°	337	325	310	294	277	258	241	224	204	184	166
-28.75°	284	273	261	248	235	220	204	187	171	157	143
-30°	239	230	220	209	196	182	170	158	146	133	120
-31.25°	198	190	180	171	163	154	144	133	121	112	103
-32.5°	163	157	151	144	136	127	118	111	103	95	87
-33.75°	135	130	124	117	112	106	100	93	86	79	73
-35°	110	107	103	99	94	88	82	77	72	67	62
-36.25°	91	88	84	80	77	73	69	65	60	55	51
-37.5°	74	72	70	67	64	61	57	53	50	46	43
-38.75°	61	59	57	54	52	49	47	44	41	38	34
-40°	49	48	46	45	43	40	38	35	33	31	29
-41.25°	40	39	37	35	33	32	31	29	28	26	24
-42.5°	32	31	30	29	28	27	26	24	23	22	21
-43.75°	26	26	25	24	23	22	21	20	20	19	18
-45°	22	21	21	20	20	19	18	17	16	16	15
-46.25°	18	18	17	17	16	16	15	15	14	14	13
-47.5°	15	15	15	15	14	14	13	13	12	12	11
-48.75°	13	13	13	13	12	12	11	11	11	10	10
-50°	11	11	11	11	10	10	10	9	9	9	8
-51.25°	10	9	9	9	9	9	8	8	8	8	8
-52.5°	8	8	8	8	8	8	8	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	6	6
-55°	7	7	7	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	4
-63.75°	5	5	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	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°	4	4	4	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	4	4	4	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	6	6	6	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	5	5	5	5
52.5°	7	7	6	6	6	6	6	6	6	5	5
51.25°	7	7	7	7	7	6	6	6	6	6	6
50°	8	8	8	7	7	7	7	6	6	6	6
48.75°	9	9	8	8	8	8	7	7	7	6	6
47.5°	11	10	10	9	9	8	8	8	7	7	7
46.25°	13	12	11	11	10	9	9	8	8	7	7
45°	14	14	13	12	12	11	10	9	9	8	8
43.75°	16	16	15	14	13	12	11	11	10	9	8
42.5°	19	18	17	16	15	14	13	12	11	10	10
41.25°	22	21	20	18	17	16	15	14	13	12	11
40°	27	25	23	21	20	18	17	15	14	13	12
38.75°	32	30	27	25	22	21	19	18	16	15	14
37.5°	39	35	32	29	27	24	22	20	18	16	15
36.25°	47	43	38	34	31	28	25	22	21	19	17
35°	56	51	46	42	37	32	29	26	23	21	19



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	67	61	55	49	44	39	33	30	27	24	21
32.5°	78	72	65	58	51	46	40	35	31	27	24
31.25°	94	84	76	68	61	53	47	41	35	31	27
30°	109	99	89	78	71	63	55	48	42	35	31
28.75°	128	114	104	92	81	72	64	55	48	41	35
27.5°	151	135	118	106	95	82	73	64	55	47	40
26.25°	173	157	139	122	108	95	82	72	63	53	46
25°	205	180	160	142	123	108	95	81	71	61	51
23.75°	236	210	183	161	142	122	106	92	78	68	58
22.5°	268	239	212	183	160	139	118	104	89	76	65
21.25°	305	271	239	210	180	157	135	114	99	84	72
20°	345	305	268	236	205	173	151	128	109	94	78
18.75°	387	342	300	262	229	196	166	143	120	103	87
17.5°	432	381	334	291	252	218	184	157	133	112	95
16.25°	478	422	369	321	277	239	204	171	146	121	103
15°	524	462	405	351	303	260	224	187	158	133	111
13.75°	569	503	441	383	330	283	241	204	170	144	118
12.5°	615	544	476	413	356	304	258	220	182	154	127
11.25°	659	582	510	443	381	326	277	235	196	163	136
10°	701	619	543	472	406	346	294	248	209	171	144
8.75°	741	654	573	498	429	366	310	261	220	180	151
7.5°	776	686	601	522	449	383	325	273	230	190	157
6.25°	807	713	625	543	468	399	337	284	239	198	163
5°	834	737	645	561	483	412	348	293	246	205	167
3.75°	854	756	662	575	496	423	358	300	251	210	170
2.5°	869	770	674	585	504	431	364	306	255	214	173
1.25°	878	778	681	592	510	435	368	309	258	216	174
0°	881	781	684	594	512	437	370	310	258	217	175
-1.25°	878	778	681	592	510	435	368	309	258	216	174
-2.5°	869	770	674	585	504	431	364	306	255	214	173
-3.75°	854	756	662	575	496	423	358	300	251	210	170
-5°	834	737	645	561	483	412	348	293	246	205	167
-6.25°	807	713	625	543	468	399	337	284	239	198	163
-7.5°	776	686	601	522	449	383	325	273	230	190	157
-8.75°	741	654	573	498	429	366	310	261	220	180	151
-10°	701	619	543	472	406	346	294	248	209	171	144
-11.25°	659	582	510	443	381	326	277	235	196	163	136
-12.5°	615	544	476	413	356	304	258	220	182	154	127
-13.75°	569	503	441	383	330	283	241	204	170	144	118
-15°	524	462	405	351	303	260	224	187	158	133	111
-16.25°	478	422	369	321	277	239	204	171	146	121	103
-17.5°	432	381	334	291	252	218	184	157	133	112	95
-18.75°	387	342	300	262	229	196	166	143	120	103	87
-20°	345	305	268	236	205	173	151	128	109	94	78
-21.25°	305	271	239	210	180	157	135	114	99	84	72





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	268	239	212	183	160	139	118	104	89	76	65
-23.75°	236	210	183	161	142	122	106	92	78	68	58
-25°	205	180	160	142	123	108	95	81	71	61	51
-26.25°	173	157	139	122	108	95	82	72	63	53	46
-27.5°	151	135	118	106	95	82	73	64	55	47	40
-28.75°	128	114	104	92	81	72	64	55	48	41	35
-30°	109	99	89	78	71	63	55	48	42	35	31
-31.25°	94	84	76	68	61	53	47	41	35	31	27
-32.5°	78	72	65	58	51	46	40	35	31	27	24
-33.75°	67	61	55	49	44	39	33	30	27	24	21
-35°	56	51	46	42	37	32	29	26	23	21	19
-36.25°	47	43	38	34	31	28	25	22	21	19	17
-37.5°	39	35	32	29	27	24	22	20	18	16	15
-38.75°	32	30	27	25	22	21	19	18	16	15	14
-40°	27	25	23	21	20	18	17	15	14	13	12
-41.25°	22	21	20	18	17	16	15	14	13	12	11
-42.5°	19	18	17	16	15	14	13	12	11	10	10
-43.75°	16	16	15	14	13	12	11	11	10	9	8
-45°	14	14	13	12	12	11	10	9	9	8	8
-46.25°	13	12	11	11	10	9	9	8	8	7	7
-47.5°	11	10	10	9	9	8	8	8	7	7	7
-48.75°	9	9	8	8	8	8	7	7	7	6	6
-50°	8	8	8	7	7	7	7	6	6	6	6
-51.25°	7	7	7	7	7	6	6	6	6	6	6
-52.5°	7	7	6	6	6	6	6	6	6	5	5
-53.75°	6	6	6	6	6	6	6	5	5	5	5
-55°	6	6	6	6	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	4	4	4
-61.25°	5	5	5	5	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	3	3	3
-67.5°	4	4	4	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°	3	3	3	3	3	3	3	3	3	2	2
-73.75°	3	3	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	2	2	2	2	2	2	1	1	1	1	1
76.25°	2	2	2	2	2	2	2	2	2	2	2
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	2	2	2	2	2
71.25°	3	3	3	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	2	2
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°	4	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	4	4	4	4	4	4	4	4	4
56.25°	5	5	5	5	4	4	4	4	4	4	4
55°	5	5	5	5	5	5	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	4
50°	6	6	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	5	5	5	5	5	5
46.25°	7	7	6	6	6	6	5	5	5	5	5
45°	7	7	7	6	6	6	6	5	5	5	5
43.75°	8	8	7	7	6	6	6	6	5	5	5
42.5°	9	8	8	7	7	6	6	6	6	5	5
41.25°	10	9	8	8	7	7	6	6	6	6	5
40°	11	10	9	8	8	7	7	6	6	6	6
38.75°	12	11	10	9	8	8	7	7	6	6	6
37.5°	14	13	11	10	9	8	8	7	7	6	6
36.25°	15	14	13	11	10	9	8	8	7	7	6
35°	17	15	14	13	11	10	9	8	8	7	7



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	19	17	15	14	12	11	10	9	8	7	7
32.5°	21	19	17	15	14	12	11	10	8	8	7
31.25°	24	21	19	16	15	13	12	10	9	8	7
30°	27	23	21	18	16	14	13	11	10	9	8
28.75°	30	26	22	20	18	15	14	12	11	9	8
27.5°	33	29	25	22	19	17	15	13	11	10	9
26.25°	39	32	28	24	21	18	16	14	12	11	9
25°	44	37	31	27	22	20	17	15	13	12	10
23.75°	49	42	34	29	25	21	18	16	14	12	11
22.5°	55	46	38	32	27	23	20	17	15	13	11
21.25°	61	51	43	35	30	25	21	18	16	14	12
20°	67	56	47	39	32	27	22	19	16	14	13
18.75°	73	62	51	43	34	29	24	21	18	15	13
17.5°	79	67	55	46	38	31	26	22	19	16	14
16.25°	86	72	60	50	41	33	28	23	20	16	14
15°	93	77	65	53	44	35	29	24	20	17	15
13.75°	100	82	69	57	47	38	31	26	21	18	15
12.5°	106	88	73	61	49	40	32	27	22	19	16
11.25°	112	94	77	64	52	43	33	28	23	20	16
10°	117	99	80	67	54	45	35	29	24	20	17
8.75°	124	103	84	70	57	46	37	30	25	21	17
7.5°	130	107	88	72	59	48	39	31	26	21	18
6.25°	135	110	91	74	61	49	40	32	26	22	18
5°	139	113	94	76	63	51	41	32	27	22	19
3.75°	142	115	96	77	64	51	42	33	27	22	19
2.5°	144	116	97	78	65	52	42	33	28	22	19
1.25°	146	117	98	79	66	52	43	33	28	22	19
0°	146	118	98	79	66	53	43	33	28	23	19
-1.25°	146	117	98	79	66	52	43	33	28	22	19
-2.5°	144	116	97	78	65	52	42	33	28	22	19
-3.75°	142	115	96	77	64	51	42	33	27	22	19
-5°	139	113	94	76	63	51	41	32	27	22	19
-6.25°	135	110	91	74	61	49	40	32	26	22	18
-7.5°	130	107	88	72	59	48	39	31	26	21	18
-8.75°	124	103	84	70	57	46	37	30	25	21	17
-10°	117	99	80	67	54	45	35	29	24	20	17
-11.25°	112	94	77	64	52	43	33	28	23	20	16
-12.5°	106	88	73	61	49	40	32	27	22	19	16
-13.75°	100	82	69	57	47	38	31	26	21	18	15
-15°	93	77	65	53	44	35	29	24	20	17	15
-16.25°	86	72	60	50	41	33	28	23	20	16	14
-17.5°	79	67	55	46	38	31	26	22	19	16	14
-18.75°	73	62	51	43	34	29	24	21	18	15	13
-20°	67	56	47	39	32	27	22	19	16	14	13
-21.25°	61	51	43	35	30	25	21	18	16	14	12



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	55	46	38	32	27	23	20	17	15	13	11
-23.75°	49	42	34	29	25	21	18	16	14	12	11
-25°	44	37	31	27	22	20	17	15	13	12	10
-26.25°	39	32	28	24	21	18	16	14	12	11	9
-27.5°	33	29	25	22	19	17	15	13	11	10	9
-28.75°	30	26	22	20	18	15	14	12	11	9	8
-30°	27	23	21	18	16	14	13	11	10	9	8
-31.25°	24	21	19	16	15	13	12	10	9	8	7
-32.5°	21	19	17	15	14	12	11	10	8	8	7
-33.75°	19	17	15	14	12	11	10	9	8	7	7
-35°	17	15	14	13	11	10	9	8	8	7	7
-36.25°	15	14	13	11	10	9	8	8	7	7	6
-37.5°	14	13	11	10	9	8	8	7	7	6	6
-38.75°	12	11	10	9	8	8	7	7	6	6	6
-40°	11	10	9	8	8	7	7	6	6	6	6
-41.25°	10	9	8	8	7	7	6	6	6	6	5
-42.5°	9	8	8	7	7	6	6	6	6	5	5
-43.75°	8	8	7	7	6	6	6	6	5	5	5
-45°	7	7	7	6	6	6	6	5	5	5	5
-46.25°	7	7	6	6	6	6	5	5	5	5	5
-47.5°	6	6	6	6	6	5	5	5	5	5	5
-48.75°	6	6	6	5	5	5	5	5	5	5	5
-50°	6	6	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	4
-52.5°	5	5	5	5	5	5	5	5	5	4	4
-53.75°	5	5	5	5	5	5	5	4	4	4	4
-55°	5	5	5	5	5	5	4	4	4	4	4
-56.25°	5	5	5	5	4	4	4	4	4	4	4
-57.5°	5	5	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	4	4	4	4	4	4	3	3	3
-62.5°	4	4	4	4	4	4	3	3	3	3	3
-63.75°	4	4	4	3	3	3	3	3	3	3	3
-65°	4	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	2	2
-70°	3	3	3	3	3	3	2	2	2	2	2
-71.25°	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	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	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	2	2	2	2	2	2	2	2
65°	3	3	3	3	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	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	2	2	2
60°	3	3	3	3	3	3	3	3	3	3	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	3	3	3	3	3	3	3	3
55°	4	4	4	4	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	3	3	3	3
50°	4	4	4	4	4	4	4	4	3	3	3
48.75°	5	4	4	4	4	4	4	4	4	3	3
47.5°	5	5	4	4	4	4	4	4	4	3	3
46.25°	5	5	5	4	4	4	4	4	4	4	3
45°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	4	4	4	4	4	4
42.5°	5	5	5	5	5	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	4	4	4	4
38.75°	6	5	5	5	5	5	5	4	4	4	4
37.5°	6	5	5	5	5	5	5	5	4	4	4
36.25°	6	6	5	5	5	5	5	5	4	4	4
35°	6	6	6	5	5	5	5	5	5	4	4



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	6	6	6	5	5	5	5	5	5	4	4
32.5°	7	6	6	6	5	5	5	5	5	5	4
31.25°	7	6	6	6	5	5	5	5	5	5	4
30°	7	7	6	6	6	5	5	5	5	5	4
28.75°	8	7	6	6	6	5	5	5	5	5	5
27.5°	8	7	7	6	6	6	5	5	5	5	5
26.25°	8	8	7	6	6	6	5	5	5	5	5
25°	9	8	7	7	6	6	5	5	5	5	5
23.75°	9	8	7	7	6	6	6	5	5	5	5
22.5°	10	8	8	7	6	6	6	5	5	5	5
21.25°	10	9	8	7	7	6	6	5	5	5	5
20°	11	9	8	7	7	6	6	5	5	5	5
18.75°	11	10	8	8	7	6	6	6	5	5	5
17.5°	12	10	9	8	7	6	6	6	5	5	5
16.25°	12	11	9	8	7	7	6	6	5	5	5
15°	13	11	9	8	7	7	6	6	5	5	5
13.75°	13	11	10	8	8	7	6	6	5	5	5
12.5°	14	12	10	9	8	7	6	6	6	5	5
11.25°	14	12	10	9	8	7	6	6	6	5	5
10°	15	13	11	9	8	7	6	6	6	5	5
8.75°	15	13	11	9	8	7	7	6	6	5	5
7.5°	15	13	11	9	8	7	7	6	6	5	5
6.25°	15	13	11	10	8	7	7	6	6	5	5
5°	15	13	11	10	8	7	7	6	6	5	5
3.75°	16	14	12	10	8	7	7	6	6	5	5
2.5°	16	14	12	10	8	7	7	6	6	5	5
1.25°	16	14	12	10	8	7	7	6	6	5	5
0°	16	14	12	10	8	8	7	6	6	5	5
-1.25°	16	14	12	10	8	7	7	6	6	5	5
-2.5°	16	14	12	10	8	7	7	6	6	5	5
-3.75°	16	14	12	10	8	7	7	6	6	5	5
-5°	15	13	11	10	8	7	7	6	6	5	5
-6.25°	15	13	11	10	8	7	7	6	6	5	5
-7.5°	15	13	11	9	8	7	7	6	6	5	5
-8.75°	15	13	11	9	8	7	7	6	6	5	5
-10°	15	13	11	9	8	7	6	6	6	5	5
-11.25°	14	12	10	9	8	7	6	6	6	5	5
-12.5°	14	12	10	9	8	7	6	6	6	5	5
-13.75°	13	11	10	8	8	7	6	6	5	5	5
-15°	13	11	9	8	7	7	6	6	5	5	5
-16.25°	12	11	9	8	7	7	6	6	5	5	5
-17.5°	12	10	9	8	7	6	6	6	5	5	5
-18.75°	11	10	8	8	7	6	6	6	5	5	5
-20°	11	9	8	7	7	6	6	5	5	5	5
-21.25°	10	9	8	7	7	6	6	5	5	5	5





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	10	8	8	7	6	6	6	5	5	5	5
-23.75°	9	8	7	7	6	6	6	5	5	5	5
-25°	9	8	7	7	6	6	5	5	5	5	5
-26.25°	8	8	7	6	6	6	5	5	5	5	5
-27.5°	8	7	7	6	6	6	5	5	5	5	5
-28.75°	8	7	6	6	6	5	5	5	5	5	5
-30°	7	7	6	6	6	5	5	5	5	5	4
-31.25°	7	6	6	6	5	5	5	5	5	5	4
-32.5°	7	6	6	6	5	5	5	5	5	5	4
-33.75°	6	6	6	5	5	5	5	5	5	4	4
-35°	6	6	6	5	5	5	5	5	5	4	4
-36.25°	6	6	5	5	5	5	5	5	4	4	4
-37.5°	6	5	5	5	5	5	5	5	4	4	4
-38.75°	6	5	5	5	5	5	5	4	4	4	4
-40°	5	5	5	5	5	5	5	4	4	4	4
-41.25°	5	5	5	5	5	5	4	4	4	4	4
-42.5°	5	5	5	5	5	4	4	4	4	4	4
-43.75°	5	5	5	5	5	4	4	4	4	4	4
-45°	5	5	5	5	4	4	4	4	4	4	4
-46.25°	5	5	5	4	4	4	4	4	4	4	3
-47.5°	5	5	4	4	4	4	4	4	4	3	3
-48.75°	5	4	4	4	4	4	4	4	4	3	3
-50°	4	4	4	4	4	4	4	4	3	3	3
-51.25°	4	4	4	4	4	4	4	3	3	3	3
-52.5°	4	4	4	4	4	4	3	3	3	3	3
-53.75°	4	4	4	4	4	3	3	3	3	3	3
-55°	4	4	4	4	3	3	3	3	3	3	3
-56.25°	4	4	4	3	3	3	3	3	3	3	3
-57.5°	4	4	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	2
-61.25°	3	3	3	3	3	3	3	3	2	2	2
-62.5°	3	3	3	3	3	3	3	2	2	2	2
-63.75°	3	3	3	3	3	3	2	2	2	2	2
-65°	3	3	3	3	2	2	2	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	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	1
-72.5°	2	2	2	2	2	2	2	2	1	1	1
-73.75°	2	2	2	2	2	2	1	1	1	1	1
-75°	2	2	2	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	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	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	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	1	1	1	1	1	1	1
65°	2	2	2	2	2	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	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	3	2	2	2	2	2	2	2	2	2	1
55°	3	3	2	2	2	2	2	2	2	2	1
53.75°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	2	2	2	2	2	2	2	2
51.25°	3	3	3	3	2	2	2	2	2	2	2
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	2	2	2	2	2
46.25°	3	3	3	3	3	3	2	2	2	2	2
45°	3	3	3	3	3	3	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	2	2	2	2
42.5°	4	3	3	3	3	3	3	2	2	2	2
41.25°	4	3	3	3	3	3	3	2	2	2	2
40°	4	4	3	3	3	3	3	3	2	2	2
38.75°	4	4	3	3	3	3	3	3	2	2	2
37.5°	4	4	3	3	3	3	3	3	2	2	2
36.25°	4	4	4	3	3	3	3	3	3	2	2
35°	4	4	4	3	3	3	3	3	3	2	2



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	4	4	4	4	3	3	3	3	3	2	2
32.5°	4	4	4	4	3	3	3	3	3	2	2
31.25°	4	4	4	4	3	3	3	3	3	2	2
30°	4	4	4	4	3	3	3	3	3	3	2
28.75°	4	4	4	4	4	3	3	3	3	3	2
27.5°	4	4	4	4	4	3	3	3	3	3	2
26.25°	4	4	4	4	4	3	3	3	3	3	2
25°	4	4	4	4	4	3	3	3	3	3	2
23.75°	5	4	4	4	4	3	3	3	3	3	2
22.5°	5	4	4	4	4	4	3	3	3	3	2
21.25°	5	4	4	4	4	4	3	3	3	3	3
20°	5	4	4	4	4	4	3	3	3	3	3
18.75°	5	4	4	4	4	4	3	3	3	3	3
17.5°	5	5	4	4	4	4	3	3	3	3	3
16.25°	5	5	4	4	4	4	3	3	3	3	3
15°	5	5	4	4	4	4	3	3	3	3	3
13.75°	5	5	4	4	4	4	4	3	3	3	3
12.5°	5	5	4	4	4	4	4	3	3	3	3
11.25°	5	5	4	4	4	4	4	3	3	3	3
10°	5	5	4	4	4	4	4	3	3	3	3
8.75°	5	5	4	4	4	4	4	3	3	3	3
7.5°	5	5	5	4	4	4	4	3	3	3	3
6.25°	5	5	5	4	4	4	4	3	3	3	3
5°	5	5	5	4	4	4	4	3	3	3	3
3.75°	5	5	5	4	4	4	4	3	3	3	3
2.5°	5	5	5	4	4	4	4	3	3	3	3
1.25°	5	5	5	4	4	4	4	3	3	3	3
0°	5	5	5	4	4	4	4	3	3	3	3
-1.25°	5	5	5	4	4	4	4	3	3	3	3
-2.5°	5	5	5	4	4	4	4	3	3	3	3
-3.75°	5	5	5	4	4	4	4	3	3	3	3
-5°	5	5	5	4	4	4	4	3	3	3	3
-6.25°	5	5	5	4	4	4	4	3	3	3	3
-7.5°	5	5	5	4	4	4	4	3	3	3	3
-8.75°	5	5	4	4	4	4	4	3	3	3	3
-10°	5	5	4	4	4	4	4	3	3	3	3
-11.25°	5	5	4	4	4	4	4	3	3	3	3
-12.5°	5	5	4	4	4	4	4	3	3	3	3
-13.75°	5	5	4	4	4	4	4	3	3	3	3
-15°	5	5	4	4	4	4	3	3	3	3	3
-16.25°	5	5	4	4	4	4	3	3	3	3	3
-17.5°	5	5	4	4	4	4	3	3	3	3	3
-18.75°	5	4	4	4	4	4	3	3	3	3	3
-20°	5	4	4	4	4	4	3	3	3	3	3
-21.25°	5	4	4	4	4	4	3	3	3	3	3



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	5	4	4	4	4	4	3	3	3	3	2
-23.75°	5	4	4	4	4	3	3	3	3	3	2
-25°	4	4	4	4	4	3	3	3	3	3	2
-26.25°	4	4	4	4	4	3	3	3	3	3	2
-27.5°	4	4	4	4	4	3	3	3	3	3	2
-28.75°	4	4	4	4	4	3	3	3	3	3	2
-30°	4	4	4	4	3	3	3	3	3	3	2
-31.25°	4	4	4	4	3	3	3	3	3	2	2
-32.5°	4	4	4	4	3	3	3	3	3	2	2
-33.75°	4	4	4	4	3	3	3	3	3	2	2
-35°	4	4	4	3	3	3	3	3	3	2	2
-36.25°	4	4	4	3	3	3	3	3	3	2	2
-37.5°	4	4	3	3	3	3	3	3	2	2	2
-38.75°	4	4	3	3	3	3	3	3	2	2	2
-40°	4	4	3	3	3	3	3	3	2	2	2
-41.25°	4	3	3	3	3	3	3	2	2	2	2
-42.5°	4	3	3	3	3	3	3	2	2	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	3	2	2	2	2	2	2	2
-52.5°	3	3	3	2	2	2	2	2	2	2	2
-53.75°	3	3	3	2	2	2	2	2	2	2	2
-55°	3	3	2	2	2	2	2	2	2	2	1
-56.25°	3	2	2	2	2	2	2	2	2	2	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	2	2	1	1
-60°	2	2	2	2	2	2	2	2	1	1	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	2	1	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	2	1	1	1	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	2	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	0	0	0	0	0	0	0	0	0
70°	1	1	1	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	0	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	2	1	1	1	1	1	1	0	0	0	0
48.75°	2	1	1	1	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
46.25°	2	2	1	1	1	1	1	1	0	0	0
45°	2	2	1	1	1	1	1	1	0	0	0
43.75°	2	2	1	1	1	1	1	1	0	0	0
42.5°	2	2	1	1	1	1	1	1	0	0	0
41.25°	2	2	1	1	1	1	1	1	0	0	0
40°	2	2	2	1	1	1	1	1	0	0	0
38.75°	2	2	2	1	1	1	1	1	0	0	0
37.5°	2	2	2	1	1	1	1	1	0	0	0
36.25°	2	2	2	1	1	1	1	1	0	0	0
35°	2	2	2	1	1	1	1	1	1	0	0



REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	1	1	1	1	1	1	0	0
32.5°	2	2	2	2	1	1	1	1	1	0	0
31.25°	2	2	2	2	1	1	1	1	1	0	0
30°	2	2	2	2	1	1	1	1	1	0	0
28.75°	2	2	2	2	1	1	1	1	1	0	0
27.5°	2	2	2	2	1	1	1	1	1	0	0
26.25°	2	2	2	2	1	1	1	1	1	0	0
25°	2	2	2	2	1	1	1	1	1	0	0
23.75°	2	2	2	2	1	1	1	1	1	0	0
22.5°	2	2	2	2	1	1	1	1	1	0	0
21.25°	2	2	2	2	1	1	1	1	1	0	0
20°	2	2	2	2	1	1	1	1	1	0	0
18.75°	2	2	2	2	2	1	1	1	1	0	0
17.5°	2	2	2	2	2	1	1	1	1	0	0
16.25°	2	2	2	2	2	1	1	1	1	0	0
15°	2	2	2	2	2	1	1	1	1	0	0
13.75°	2	2	2	2	2	1	1	1	1	0	0
12.5°	2	2	2	2	2	1	1	1	1	0	0
11.25°	2	2	2	2	2	1	1	1	1	0	0
10°	2	2	2	2	2	1	1	1	1	0	0
8.75°	2	2	2	2	2	1	1	1	1	0	0
7.5°	2	2	2	2	2	1	1	1	1	0	0
6.25°	2	2	2	2	2	1	1	1	1	0	0
5°	2	2	2	2	2	1	1	1	1	0	0
3.75°	2	2	2	2	2	1	1	1	1	0	0
2.5°	2	2	2	2	2	1	1	1	1	0	0
1.25°	2	2	2	2	2	1	1	1	1	0	0
0°	3	2	2	2	2	1	1	1	1	0	0
-1.25°	2	2	2	2	2	1	1	1	1	0	0
-2.5°	2	2	2	2	2	1	1	1	1	0	0
-3.75°	2	2	2	2	2	1	1	1	1	0	0
-5°	2	2	2	2	2	1	1	1	1	0	0
-6.25°	2	2	2	2	2	1	1	1	1	0	0
-7.5°	2	2	2	2	2	1	1	1	1	0	0
-8.75°	2	2	2	2	2	1	1	1	1	0	0
-10°	2	2	2	2	2	1	1	1	1	0	0
-11.25°	2	2	2	2	2	1	1	1	1	0	0
-12.5°	2	2	2	2	2	1	1	1	1	0	0
-13.75°	2	2	2	2	2	1	1	1	1	0	0
-15°	2	2	2	2	2	1	1	1	1	0	0
-16.25°	2	2	2	2	2	1	1	1	1	0	0
-17.5°	2	2	2	2	2	1	1	1	1	0	0
-18.75°	2	2	2	2	2	1	1	1	1	0	0
-20°	2	2	2	2	1	1	1	1	1	0	0
-21.25°	2	2	2	2	1	1	1	1	1	0	0





REPORT NUMBER: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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°	2	2	2	2	1	1	1	1	1	0	0
-23.75°	2	2	2	2	1	1	1	1	1	0	0
-25°	2	2	2	2	1	1	1	1	1	0	0
-26.25°	2	2	2	2	1	1	1	1	1	0	0
-27.5°	2	2	2	2	1	1	1	1	1	0	0
-28.75°	2	2	2	2	1	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	1	0	0
-31.25°	2	2	2	2	1	1	1	1	1	0	0
-32.5°	2	2	2	2	1	1	1	1	1	0	0
-33.75°	2	2	2	1	1	1	1	1	1	0	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-36.25°	2	2	2	1	1	1	1	1	0	0	0
-37.5°	2	2	2	1	1	1	1	1	0	0	0
-38.75°	2	2	2	1	1	1	1	1	0	0	0
-40°	2	2	2	1	1	1	1	1	0	0	0
-41.25°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	2	1	1	1	1	1	1	0	0	0
-43.75°	2	2	1	1	1	1	1	1	0	0	0
-45°	2	2	1	1	1	1	1	1	0	0	0
-46.25°	2	2	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-48.75°	2	1	1	1	1	1	1	1	0	0	0
-50°	2	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	0	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	1	0	0	0	0	0	0	0	0
-71.25°	1	1	0	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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: P220392 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-F-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)