

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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 4000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

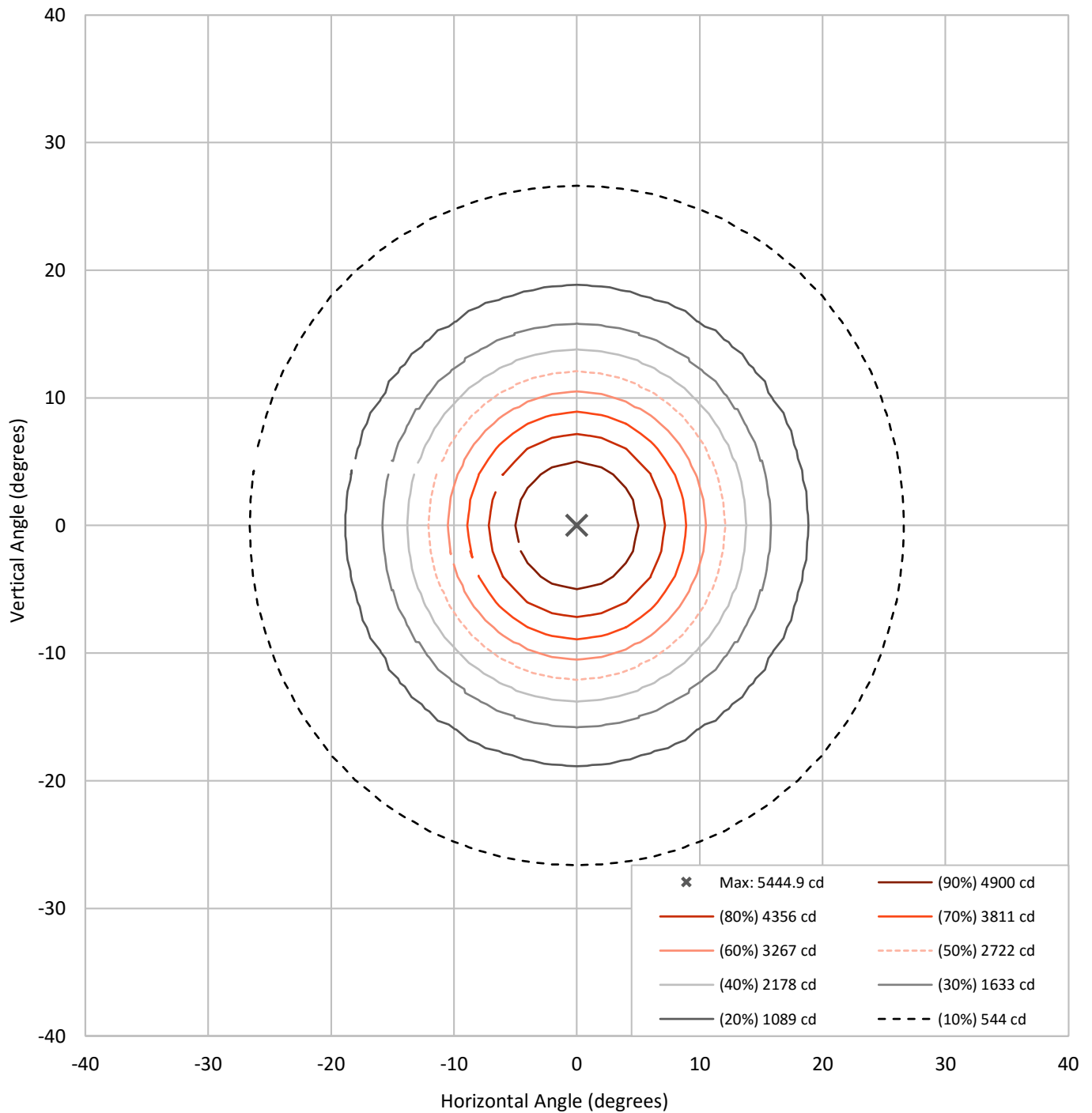
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1285.9 lumens	Max Intensity:	5444.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	562.1 lumens	Field Lumens:	1148.6 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

### Iso-Candela Plot





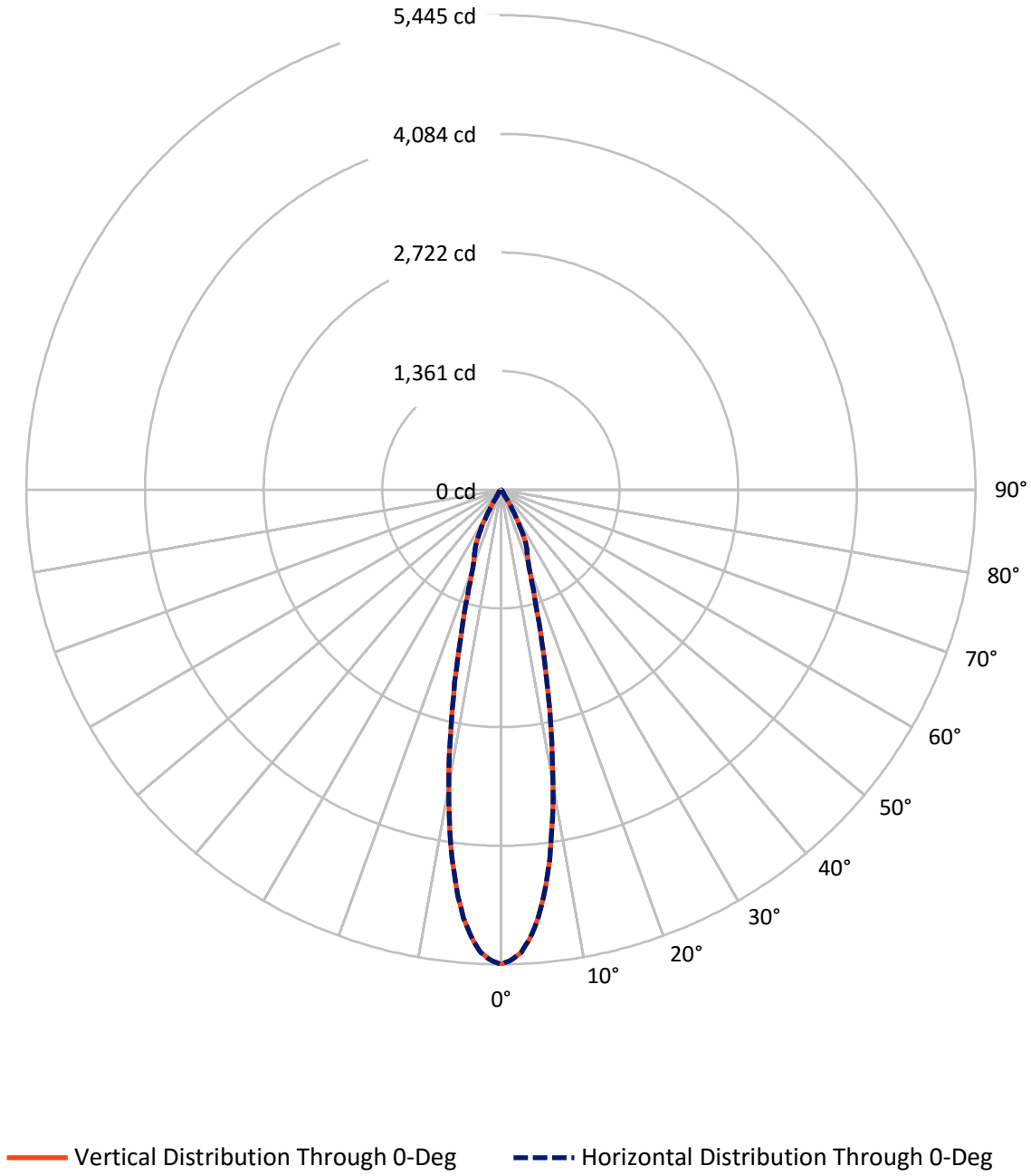
REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

### Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
70	0.0	0.0	0.0	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	0.2	0.2	0.2	0.2	0.1	0.1	0.1		0.0	
50	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0	
40		0.0	0.1	0.1	0.2	0.5	1.1	2.1	2.1	1.1	0.5	0.2	0.1	0.1		0.0
30	0.0	0.0	0.1	0.2	0.4	2.2	10.5	17.9	17.9	10.5	2.2	0.4	0.2	0.1	0.0	0.0
20		0.0	0.1	0.2	0.9	9.9	27.1	51.7	51.7	27.1	9.9	0.9	0.2	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.8	16.4	50.3	124.7	124.7	50.3	16.4	1.8	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.8	16.4	50.3	124.7	124.7	50.3	16.4	1.8	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.2	0.9	9.9	27.1	51.7	51.7	27.1	9.9	0.9	0.2	0.1	0.0	0.0
-20		0.0	0.1	0.2	0.4	2.2	10.5	17.9	17.9	10.5	2.2	0.4	0.2	0.1	0.0	
-30	0.0	0.0	0.1	0.1	0.2	0.5	1.1	2.1	2.1	1.1	0.5	0.2	0.1	0.1	0.0	0.0
-40		0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		0.0
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0		

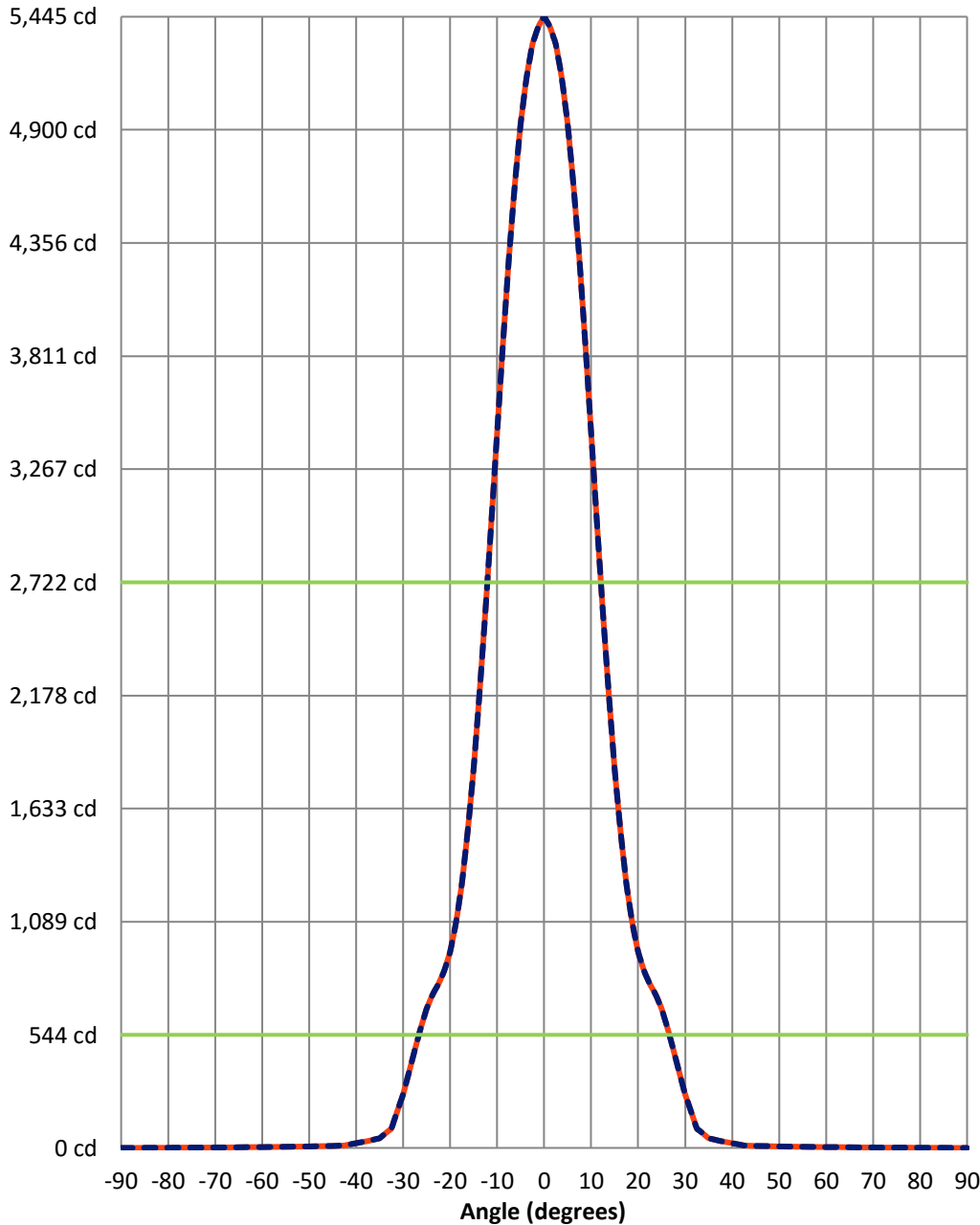
REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.2°  
 V Angle: 24.2°  
 Lumens: 562.1  
 Efficiency: 43.7%

**Field:**  
 H Angle: 53.3°  
 V Angle: 53.3°  
 Lumens: 1148.6  
 Efficiency: 89.3%

**Spill:**  
 Lumens: 137.3  
 Efficiency: 10.7%

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	2
11.25°	0	0	0	0	1	1	1	1	1	1	2
10°	0	0	0	0	1	1	1	1	1	1	2
8.75°	0	0	0	0	1	1	1	1	1	1	2
7.5°	0	0	0	0	1	1	1	1	1	1	2
6.25°	0	0	0	0	1	1	1	1	1	1	2
5°	0	0	0	0	1	1	1	1	1	1	2
3.75°	0	0	0	0	1	1	1	1	1	1	2
2.5°	0	0	0	0	1	1	1	1	1	1	2
1.25°	0	0	0	0	1	1	1	1	1	1	2
0°	0	0	0	0	1	1	1	1	1	1	2
-1.25°	0	0	0	0	1	1	1	1	1	1	2
-2.5°	0	0	0	0	1	1	1	1	1	1	2
-3.75°	0	0	0	0	1	1	1	1	1	1	2
-5°	0	0	0	0	1	1	1	1	1	1	2
-6.25°	0	0	0	0	1	1	1	1	1	1	2
-7.5°	0	0	0	0	1	1	1	1	1	1	2
-8.75°	0	0	0	0	1	1	1	1	1	1	2
-10°	0	0	0	0	1	1	1	1	1	1	2
-11.25°	0	0	0	0	1	1	1	1	1	1	2
-12.5°	0	0	0	0	1	1	1	1	1	1	2
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	1	2	2	2	2	2	2	2	2	2	2
32.5°	1	2	2	2	2	2	2	2	2	2	2
31.25°	1	2	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	1	2	2	2	2	2	2	2	2	2	3
27.5°	1	2	2	2	2	2	2	2	2	2	3
26.25°	2	2	2	2	2	2	2	2	2	2	3
25°	2	2	2	2	2	2	2	2	2	2	3
23.75°	2	2	2	2	2	2	2	2	2	2	3
22.5°	2	2	2	2	2	2	2	2	2	3	3
21.25°	2	2	2	2	2	2	2	2	2	3	3
20°	2	2	2	2	2	2	2	2	2	3	3
18.75°	2	2	2	2	2	2	2	2	2	3	3
17.5°	2	2	2	2	2	2	2	2	2	3	3
16.25°	2	2	2	2	2	2	2	2	2	3	3
15°	2	2	2	2	2	2	2	2	3	3	3
13.75°	2	2	2	2	2	2	2	2	3	3	3
12.5°	2	2	2	2	2	2	2	2	3	3	3
11.25°	2	2	2	2	2	2	2	2	3	3	3
10°	2	2	2	2	2	2	2	2	3	3	3
8.75°	2	2	2	2	2	2	2	2	3	3	3
7.5°	2	2	2	2	2	2	2	2	3	3	4
6.25°	2	2	2	2	2	2	2	2	3	3	4
5°	2	2	2	2	2	2	2	2	3	3	4
3.75°	2	2	2	2	2	2	2	2	3	3	4
2.5°	2	2	2	2	2	2	2	2	3	3	4
1.25°	2	2	2	2	2	2	2	2	3	3	4
0°	2	2	2	2	2	2	2	2	3	3	4
-1.25°	2	2	2	2	2	2	2	2	3	3	4
-2.5°	2	2	2	2	2	2	2	2	3	3	4
-3.75°	2	2	2	2	2	2	2	2	3	3	4
-5°	2	2	2	2	2	2	2	2	3	3	4
-6.25°	2	2	2	2	2	2	2	2	3	3	4
-7.5°	2	2	2	2	2	2	2	2	3	3	4
-8.75°	2	2	2	2	2	2	2	2	3	3	3
-10°	2	2	2	2	2	2	2	2	3	3	3
-11.25°	2	2	2	2	2	2	2	2	3	3	3
-12.5°	2	2	2	2	2	2	2	2	3	3	3
-13.75°	2	2	2	2	2	2	2	2	3	3	3
-15°	2	2	2	2	2	2	2	2	3	3	3
-16.25°	2	2	2	2	2	2	2	2	2	3	3
-17.5°	2	2	2	2	2	2	2	2	2	3	3
-18.75°	2	2	2	2	2	2	2	2	2	3	3
-20°	2	2	2	2	2	2	2	2	2	3	3
-21.25°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	2	2	2	2	2	2	2	2	2	3	3
-23.75°	2	2	2	2	2	2	2	2	2	2	3
-25°	2	2	2	2	2	2	2	2	2	2	3
-26.25°	2	2	2	2	2	2	2	2	2	2	3
-27.5°	1	2	2	2	2	2	2	2	2	2	3
-28.75°	1	2	2	2	2	2	2	2	2	2	3
-30°	1	2	2	2	2	2	2	2	2	2	2
-31.25°	1	2	2	2	2	2	2	2	2	2	2
-32.5°	1	2	2	2	2	2	2	2	2	2	2
-33.75°	1	2	2	2	2	2	2	2	2	2	2
-35°	1	2	2	2	2	2	2	2	2	2	2
-36.25°	1	1	2	2	2	2	2	2	2	2	2
-37.5°	1	1	2	2	2	2	2	2	2	2	2
-38.75°	1	1	2	2	2	2	2	2	2	2	2
-40°	1	1	2	2	2	2	2	2	2	2	2
-41.25°	1	1	1	2	2	2	2	2	2	2	2
-42.5°	1	1	1	2	2	2	2	2	2	2	2
-43.75°	1	1	1	2	2	2	2	2	2	2	2
-45°	1	1	1	2	2	2	2	2	2	2	2
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	2	2	2	2	2	2	2
-50°	1	1	1	1	1	2	2	2	2	2	2
-51.25°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	2
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	2	2
68.75°	1	1	1	1	1	1	1	2	2	2	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	1	1	1	2	2	2	2	2	2	2
65°	1	1	2	2	2	2	2	2	2	2	2
63.75°	1	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	3
51.25°	2	2	2	2	2	2	2	2	2	3	3
50°	2	2	2	2	2	2	2	2	3	3	3
48.75°	2	2	2	2	2	2	2	3	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	4
45°	2	2	2	2	2	3	3	3	3	4	4
43.75°	2	2	2	2	3	3	3	3	4	4	4
42.5°	2	2	2	2	3	3	3	3	4	4	4
41.25°	2	2	2	3	3	3	3	4	4	4	4
40°	2	2	2	3	3	3	4	4	4	4	4
38.75°	2	2	3	3	3	3	4	4	4	4	4
37.5°	2	2	3	3	3	4	4	4	4	4	4
36.25°	2	3	3	3	3	4	4	4	4	4	4
35°	2	3	3	3	4	4	4	4	4	4	5



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	3	3	3	4	4	4	4	4	4	5
32.5°	3	3	3	4	4	4	4	4	4	5	5
31.25°	3	3	3	4	4	4	4	4	4	5	5
30°	3	3	3	4	4	4	4	4	5	5	5
28.75°	3	3	4	4	4	4	4	4	5	5	5
27.5°	3	3	4	4	4	4	4	5	5	5	6
26.25°	3	3	4	4	4	4	4	5	5	5	6
25°	3	3	4	4	4	4	4	5	5	5	6
23.75°	3	4	4	4	4	4	5	5	5	6	6
22.5°	3	4	4	4	4	4	5	5	5	6	6
21.25°	3	4	4	4	4	4	5	5	5	6	6
20°	3	4	4	4	4	4	5	5	6	6	6
18.75°	3	4	4	4	4	5	5	5	6	6	6
17.5°	4	4	4	4	4	5	5	5	6	6	6
16.25°	4	4	4	4	4	5	5	5	6	6	6
15°	4	4	4	4	4	5	5	6	6	6	7
13.75°	4	4	4	4	4	5	5	6	6	6	7
12.5°	4	4	4	4	5	5	5	6	6	6	7
11.25°	4	4	4	4	5	5	5	6	6	6	7
10°	4	4	4	4	5	5	5	6	6	6	7
8.75°	4	4	4	4	5	5	5	6	6	7	7
7.5°	4	4	4	4	5	5	5	6	6	7	7
6.25°	4	4	4	4	5	5	6	6	6	7	7
5°	4	4	4	4	5	5	6	6	6	7	7
3.75°	4	4	4	4	5	5	6	6	6	7	7
2.5°	4	4	4	4	5	5	6	6	6	7	7
1.25°	4	4	4	4	5	5	6	6	6	7	7
0°	4	4	4	4	5	5	6	6	6	7	7
-1.25°	4	4	4	4	5	5	6	6	6	7	7
-2.5°	4	4	4	4	5	5	6	6	6	7	7
-3.75°	4	4	4	4	5	5	6	6	6	7	7
-5°	4	4	4	4	5	5	6	6	6	7	7
-6.25°	4	4	4	4	5	5	6	6	6	7	7
-7.5°	4	4	4	4	5	5	5	6	6	7	7
-8.75°	4	4	4	4	5	5	5	6	6	7	7
-10°	4	4	4	4	5	5	5	6	6	6	7
-11.25°	4	4	4	4	5	5	5	6	6	6	7
-12.5°	4	4	4	4	5	5	5	6	6	6	7
-13.75°	4	4	4	4	4	5	5	6	6	6	7
-15°	4	4	4	4	4	5	5	6	6	6	7
-16.25°	4	4	4	4	4	5	5	5	6	6	6
-17.5°	4	4	4	4	4	5	5	5	6	6	6
-18.75°	3	4	4	4	4	5	5	5	6	6	6
-20°	3	4	4	4	4	4	5	5	6	6	6
-21.25°	3	4	4	4	4	4	5	5	5	6	6





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	4	4	4	4	4	5	5	5	6	6
-23.75°	3	4	4	4	4	4	5	5	5	6	6
-25°	3	3	4	4	4	4	4	5	5	5	6
-26.25°	3	3	4	4	4	4	4	5	5	5	6
-27.5°	3	3	4	4	4	4	4	5	5	5	6
-28.75°	3	3	4	4	4	4	4	4	5	5	5
-30°	3	3	3	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	5	5
-33.75°	2	3	3	3	4	4	4	4	4	4	5
-35°	2	3	3	3	4	4	4	4	4	4	5
-36.25°	2	3	3	3	3	4	4	4	4	4	4
-37.5°	2	2	3	3	3	4	4	4	4	4	4
-38.75°	2	2	3	3	3	3	4	4	4	4	4
-40°	2	2	2	3	3	3	4	4	4	4	4
-41.25°	2	2	2	3	3	3	3	4	4	4	4
-42.5°	2	2	2	2	3	3	3	3	4	4	4
-43.75°	2	2	2	2	3	3	3	3	4	4	4
-45°	2	2	2	2	2	3	3	3	3	4	4
-46.25°	2	2	2	2	2	2	3	3	3	3	4
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	3	3
-52.5°	2	2	2	2	2	2	2	2	2	2	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	2	2	2	2
72.5°	1	1	1	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	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	3
60°	2	2	2	2	2	2	2	2	3	3	3
58.75°	2	2	2	2	2	2	3	3	3	3	3
57.5°	2	2	2	2	3	3	3	3	3	3	3
56.25°	2	2	2	3	3	3	3	3	3	4	4
55°	2	2	3	3	3	3	3	4	4	4	4
53.75°	3	3	3	3	3	3	4	4	4	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	3	3	3	4	4	4	4	4	4	4	4
50°	3	3	4	4	4	4	4	4	4	4	4
48.75°	3	4	4	4	4	4	4	4	4	4	5
47.5°	4	4	4	4	4	4	4	4	5	5	5
46.25°	4	4	4	4	4	4	4	5	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	6
43.75°	4	4	4	4	4	5	5	5	5	6	6
42.5°	4	4	4	4	5	5	5	5	6	6	6
41.25°	4	4	4	5	5	5	5	6	6	6	6
40°	4	4	5	5	5	5	6	6	6	6	7
38.75°	4	5	5	5	5	6	6	6	6	7	7
37.5°	4	5	5	5	6	6	6	6	7	7	7
36.25°	5	5	5	6	6	6	6	7	7	7	7
35°	5	5	5	6	6	6	6	7	7	7	8



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	5	5	6	6	6	6	7	7	7	8	8
32.5°	5	6	6	6	6	7	7	7	8	8	9
31.25°	5	6	6	6	7	7	7	8	8	9	9
30°	6	6	6	6	7	7	8	8	9	9	9
28.75°	6	6	6	7	7	7	8	9	9	9	9
27.5°	6	6	6	7	7	8	8	9	9	9	10
26.25°	6	6	7	7	7	8	9	9	9	10	11
25°	6	6	7	7	8	8	9	9	9	10	11
23.75°	6	7	7	7	8	9	9	9	10	11	12
22.5°	6	7	7	8	8	9	9	10	11	12	15
21.25°	6	7	7	8	9	9	9	10	11	13	17
20°	7	7	7	8	9	9	9	11	12	15	20
18.75°	7	7	8	8	9	9	10	11	12	17	22
17.5°	7	7	8	9	9	9	10	11	14	19	24
16.25°	7	7	8	9	9	10	11	12	16	21	26
15°	7	8	8	9	9	10	11	13	18	23	28
13.75°	7	8	9	9	9	10	11	14	20	25	29
12.5°	7	8	9	9	9	10	12	16	21	26	31
11.25°	7	8	9	9	10	11	12	17	23	27	32
10°	7	8	9	9	10	11	13	18	24	29	34
8.75°	8	8	9	9	10	11	14	20	25	30	35
7.5°	8	8	9	9	10	11	15	20	26	31	36
6.25°	8	9	9	9	10	12	16	21	26	31	38
5°	8	9	9	9	10	12	16	22	27	32	38
3.75°	8	9	9	9	11	12	17	22	28	33	39
2.5°	8	9	9	9	11	12	17	23	28	33	40
1.25°	8	9	9	9	11	12	17	23	28	33	40
0°	8	9	9	10	11	12	17	23	28	33	40
-1.25°	8	9	9	9	11	12	17	23	28	33	40
-2.5°	8	9	9	9	11	12	17	23	28	33	40
-3.75°	8	9	9	9	11	12	17	22	28	33	39
-5°	8	9	9	9	10	12	16	22	27	32	38
-6.25°	8	9	9	9	10	12	16	21	26	31	38
-7.5°	8	8	9	9	10	11	15	20	26	31	36
-8.75°	8	8	9	9	10	11	14	20	25	30	35
-10°	7	8	9	9	10	11	13	18	24	29	34
-11.25°	7	8	9	9	10	11	12	17	23	27	32
-12.5°	7	8	9	9	9	10	12	16	21	26	31
-13.75°	7	8	9	9	9	10	11	14	20	25	29
-15°	7	8	8	9	9	10	11	13	18	23	28
-16.25°	7	7	8	9	9	10	11	12	16	21	26
-17.5°	7	7	8	9	9	9	10	11	14	19	24
-18.75°	7	7	8	8	9	9	10	11	12	17	22
-20°	7	7	7	8	9	9	9	11	12	15	20
-21.25°	6	7	7	8	9	9	9	10	11	13	17



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	6	7	7	8	8	9	9	10	11	12	15
-23.75°	6	7	7	7	8	9	9	9	10	11	12
-25°	6	6	7	7	8	8	9	9	9	10	11
-26.25°	6	6	7	7	7	8	9	9	9	10	11
-27.5°	6	6	6	7	7	8	8	9	9	9	10
-28.75°	6	6	6	7	7	7	8	9	9	9	9
-30°	6	6	6	6	7	7	8	8	9	9	9
-31.25°	5	6	6	6	7	7	7	8	8	9	9
-32.5°	5	6	6	6	6	7	7	7	8	8	9
-33.75°	5	5	6	6	6	6	7	7	7	8	8
-35°	5	5	5	6	6	6	6	7	7	7	8
-36.25°	5	5	5	6	6	6	6	7	7	7	7
-37.5°	4	5	5	5	6	6	6	6	7	7	7
-38.75°	4	5	5	5	5	6	6	6	6	7	7
-40°	4	4	5	5	5	5	6	6	6	6	7
-41.25°	4	4	4	5	5	5	5	6	6	6	6
-42.5°	4	4	4	4	5	5	5	5	6	6	6
-43.75°	4	4	4	4	4	5	5	5	5	6	6
-45°	4	4	4	4	4	4	5	5	5	5	6
-46.25°	4	4	4	4	4	4	4	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	5	5	5
-48.75°	3	4	4	4	4	4	4	4	4	4	5
-50°	3	3	4	4	4	4	4	4	4	4	4
-51.25°	3	3	3	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	4	4	4	4
-55°	2	2	3	3	3	3	3	4	4	4	4
-56.25°	2	2	2	3	3	3	3	3	3	4	4
-57.5°	2	2	2	2	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	2	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	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	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	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	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	4	4
55°	4	4	4	4	4	4	4	4	4	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	5	5	5	5	5	5	5	6	6
50°	5	5	5	5	5	5	6	6	6	6	6
48.75°	5	5	5	5	6	6	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	6	7	7
46.25°	5	6	6	6	6	6	6	7	7	7	7
45°	6	6	6	6	6	7	7	7	7	7	8
43.75°	6	6	6	7	7	7	7	7	8	8	8
42.5°	6	6	7	7	7	7	8	8	8	9	9
41.25°	6	7	7	7	8	8	8	9	9	9	9
40°	7	7	7	8	8	9	9	9	9	9	10
38.75°	7	7	8	8	9	9	9	9	9	10	11
37.5°	7	8	8	9	9	9	9	10	10	11	12
36.25°	8	8	9	9	9	9	10	11	11	12	15
35°	8	9	9	9	10	10	11	12	14	17	19



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	9	9	9	10	11	11	12	15	18	21	24
32.5°	9	9	10	11	11	13	16	19	22	25	28
31.25°	9	10	11	11	13	17	20	23	26	29	32
30°	10	11	11	13	17	20	24	27	30	33	37
28.75°	10	11	13	17	20	24	27	31	34	38	42
27.5°	11	12	16	20	24	27	31	34	39	43	47
26.25°	12	15	19	23	27	31	34	39	43	50	65
25°	14	18	22	26	30	34	39	43	51	67	82
23.75°	17	21	25	29	33	38	43	50	67	83	109
22.5°	19	24	28	32	37	42	47	65	82	109	166
21.25°	22	26	30	35	40	46	61	79	103	163	221
20°	24	29	33	38	44	56	74	92	152	214	279
18.75°	27	31	36	42	49	68	87	135	200	265	345
17.5°	29	33	39	45	60	79	112	179	246	326	410
16.25°	31	36	42	50	70	90	152	221	298	385	473
15°	32	38	44	59	80	118	190	261	351	442	531
13.75°	34	41	47	68	89	152	225	308	402	496	583
12.5°	37	43	55	76	108	184	258	353	449	544	628
11.25°	38	45	62	84	136	213	297	394	494	587	668
10°	40	47	68	91	161	239	332	432	533	623	698
8.75°	42	52	74	105	184	263	364	467	566	654	724
7.5°	43	57	79	123	203	289	392	497	595	679	742
6.25°	44	61	84	139	220	312	416	522	618	698	756
5°	45	64	87	152	234	330	436	542	637	714	767
3.75°	46	67	90	163	245	345	452	558	651	726	777
2.5°	46	69	92	170	252	356	464	569	662	733	783
1.25°	47	70	93	175	257	362	471	575	668	737	787
0°	47	70	94	176	259	364	473	578	670	738	789
-1.25°	47	70	93	175	257	362	471	575	668	737	787
-2.5°	46	69	92	170	252	356	464	569	662	733	783
-3.75°	46	67	90	163	245	345	452	558	651	726	777
-5°	45	64	87	152	234	330	436	542	637	714	767
-6.25°	44	61	84	139	220	312	416	522	618	698	756
-7.5°	43	57	79	123	203	289	392	497	595	679	742
-8.75°	42	52	74	105	184	263	364	467	566	654	724
-10°	40	47	68	91	161	239	332	432	533	623	698
-11.25°	38	45	62	84	136	213	297	394	494	587	668
-12.5°	37	43	55	76	108	184	258	353	449	544	628
-13.75°	34	41	47	68	89	152	225	308	402	496	583
-15°	32	38	44	59	80	118	190	261	351	442	531
-16.25°	31	36	42	50	70	90	152	221	298	385	473
-17.5°	29	33	39	45	60	79	112	179	246	326	410
-18.75°	27	31	36	42	49	68	87	135	200	265	345
-20°	24	29	33	38	44	56	74	92	152	214	279
-21.25°	22	26	30	35	40	46	61	79	103	163	221





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	19	24	28	32	37	42	47	65	82	109	166
-23.75°	17	21	25	29	33	38	43	50	67	83	109
-25°	14	18	22	26	30	34	39	43	51	67	82
-26.25°	12	15	19	23	27	31	34	39	43	50	65
-27.5°	11	12	16	20	24	27	31	34	39	43	47
-28.75°	10	11	13	17	20	24	27	31	34	38	42
-30°	10	11	11	13	17	20	24	27	30	33	37
-31.25°	9	10	11	11	13	17	20	23	26	29	32
-32.5°	9	9	10	11	11	13	16	19	22	25	28
-33.75°	9	9	9	10	11	11	12	15	18	21	24
-35°	8	9	9	9	10	10	11	12	14	17	19
-36.25°	8	8	9	9	9	9	10	11	11	12	15
-37.5°	7	8	8	9	9	9	9	10	10	11	12
-38.75°	7	7	8	8	9	9	9	9	9	10	11
-40°	7	7	7	8	8	9	9	9	9	9	10
-41.25°	6	7	7	7	8	8	8	9	9	9	9
-42.5°	6	6	7	7	7	7	8	8	8	9	9
-43.75°	6	6	6	7	7	7	7	7	8	8	8
-45°	6	6	6	6	6	7	7	7	7	7	8
-46.25°	5	6	6	6	6	6	6	7	7	7	7
-47.5°	5	5	6	6	6	6	6	6	6	7	7
-48.75°	5	5	5	5	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	6	6	6	6	6
-51.25°	4	4	5	5	5	5	5	5	5	6	6
-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	4	4	5	5
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	4	4
-62.5°	2	2	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	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	1	1	1	1	1	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	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	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	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	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	5	5	5	5
56.25°	4	4	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	6	6	6	6	6	6
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	7
50°	6	6	6	6	6	7	7	7	7	7	7
48.75°	6	7	7	7	7	7	7	7	7	7	8
47.5°	7	7	7	7	7	8	8	8	8	8	8
46.25°	7	7	8	8	8	8	9	9	9	9	9
45°	8	8	8	9	9	9	9	9	9	9	9
43.75°	9	9	9	9	9	9	9	9	10	10	10
42.5°	9	9	9	9	10	10	10	10	11	11	11
41.25°	9	9	10	10	11	11	11	12	12	13	14
40°	10	11	11	11	12	13	14	16	17	18	20
38.75°	11	12	12	14	16	18	20	21	23	24	25
37.5°	13	15	17	19	21	23	25	26	27	29	30
36.25°	17	20	22	24	26	28	29	31	32	34	35
35°	22	24	27	29	31	32	34	37	38	40	42



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	26	29	31	33	36	38	41	43	45	47	52
32.5°	30	33	36	39	42	44	47	55	62	68	74
31.25°	35	38	42	45	50	59	68	76	84	91	105
30°	40	44	49	60	70	80	89	108	136	161	184
28.75°	46	56	68	79	90	118	152	184	213	239	263
27.5°	61	74	87	112	152	190	225	258	297	332	364
26.25°	79	92	135	179	221	261	308	353	394	432	467
25°	103	152	200	246	298	351	402	449	494	533	566
23.75°	163	214	265	326	385	442	496	544	587	623	654
22.5°	221	279	345	410	473	531	583	628	668	698	724
21.25°	284	355	425	493	556	612	660	699	731	753	772
20°	355	430	504	571	630	681	722	750	775	798	823
18.75°	425	504	576	639	692	734	764	792	822	856	895
17.5°	493	571	639	696	740	773	804	843	889	938	995
16.25°	556	630	692	740	775	810	856	913	978	1046	1130
15°	612	681	734	773	810	861	925	1003	1093	1192	1304
13.75°	660	722	764	804	856	925	1011	1116	1238	1370	1524
12.5°	699	750	792	843	913	1003	1116	1253	1412	1590	1772
11.25°	731	775	822	889	978	1093	1238	1412	1614	1823	2048
10°	753	798	856	938	1046	1192	1370	1590	1823	2080	2336
8.75°	772	823	895	995	1130	1304	1524	1772	2048	2336	2630
7.5°	789	848	933	1048	1210	1418	1671	1954	2264	2588	2917
6.25°	804	872	972	1110	1293	1530	1806	2124	2465	2823	3183
5°	820	898	1008	1161	1362	1630	1935	2278	2647	3033	3420
3.75°	834	918	1036	1205	1432	1714	2041	2402	2797	3207	3613
2.5°	844	933	1060	1242	1483	1776	2119	2500	2911	3336	3758
1.25°	850	941	1076	1264	1514	1813	2169	2560	2981	3416	3847
0°	852	944	1082	1272	1524	1825	2186	2581	3005	3444	3876
-1.25°	850	941	1076	1264	1514	1813	2169	2560	2981	3416	3847
-2.5°	844	933	1060	1242	1483	1776	2119	2500	2911	3336	3758
-3.75°	834	918	1036	1205	1432	1714	2041	2402	2797	3207	3613
-5°	820	898	1008	1161	1362	1630	1935	2278	2647	3033	3420
-6.25°	804	872	972	1110	1293	1530	1806	2124	2465	2823	3183
-7.5°	789	848	933	1048	1210	1418	1671	1954	2264	2588	2917
-8.75°	772	823	895	995	1130	1304	1524	1772	2048	2336	2630
-10°	753	798	856	938	1046	1192	1370	1590	1823	2080	2336
-11.25°	731	775	822	889	978	1093	1238	1412	1614	1823	2048
-12.5°	699	750	792	843	913	1003	1116	1253	1412	1590	1772
-13.75°	660	722	764	804	856	925	1011	1116	1238	1370	1524
-15°	612	681	734	773	810	861	925	1003	1093	1192	1304
-16.25°	556	630	692	740	775	810	856	913	978	1046	1130
-17.5°	493	571	639	696	740	773	804	843	889	938	995
-18.75°	425	504	576	639	692	734	764	792	822	856	895
-20°	355	430	504	571	630	681	722	750	775	798	823
-21.25°	284	355	425	493	556	612	660	699	731	753	772



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	221	279	345	410	473	531	583	628	668	698	724
-23.75°	163	214	265	326	385	442	496	544	587	623	654
-25°	103	152	200	246	298	351	402	449	494	533	566
-26.25°	79	92	135	179	221	261	308	353	394	432	467
-27.5°	61	74	87	112	152	190	225	258	297	332	364
-28.75°	46	56	68	79	90	118	152	184	213	239	263
-30°	40	44	49	60	70	80	89	108	136	161	184
-31.25°	35	38	42	45	50	59	68	76	84	91	105
-32.5°	30	33	36	39	42	44	47	55	62	68	74
-33.75°	26	29	31	33	36	38	41	43	45	47	52
-35°	22	24	27	29	31	32	34	37	38	40	42
-36.25°	17	20	22	24	26	28	29	31	32	34	35
-37.5°	13	15	17	19	21	23	25	26	27	29	30
-38.75°	11	12	12	14	16	18	20	21	23	24	25
-40°	10	11	11	11	12	13	14	16	17	18	20
-41.25°	9	9	10	10	11	11	11	12	12	13	14
-42.5°	9	9	9	9	10	10	10	10	11	11	11
-43.75°	9	9	9	9	9	9	9	9	10	10	10
-45°	8	8	8	9	9	9	9	9	9	9	9
-46.25°	7	7	8	8	8	8	9	9	9	9	9
-47.5°	7	7	7	7	7	8	8	8	8	8	8
-48.75°	6	7	7	7	7	7	7	7	7	7	8
-50°	6	6	6	6	6	7	7	7	7	7	7
-51.25°	6	6	6	6	6	6	6	6	6	6	7
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	4	4	4	4	4	4	4	4
-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	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°	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°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	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	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°	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	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	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	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	7	7	7	7	7	7	7	7	7	7	7
48.75°	8	8	8	8	8	8	8	8	8	8	8
47.5°	8	9	9	9	9	9	9	9	9	9	9
46.25°	9	9	9	9	9	9	9	9	9	9	9
45°	9	9	9	9	9	9	10	9	9	9	9
43.75°	10	10	10	11	11	11	11	11	11	11	10
42.5°	11	12	12	12	12	12	12	12	12	12	12
41.25°	15	16	16	17	17	17	17	17	17	17	16
40°	20	21	22	22	23	23	23	23	23	22	22
38.75°	26	26	27	28	28	28	28	28	28	28	27
37.5°	31	31	32	33	33	33	33	33	33	33	32
36.25°	36	38	38	39	40	40	40	40	40	39	38
35°	43	44	45	46	46	47	47	47	46	46	45



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	57	61	64	67	69	70	70	70	69	67	64
32.5°	79	84	87	90	92	93	94	93	92	90	87
31.25°	123	139	152	163	170	175	176	175	170	163	152
30°	203	220	234	245	252	257	259	257	252	245	234
28.75°	289	312	330	345	356	362	364	362	356	345	330
27.5°	392	416	436	452	464	471	473	471	464	452	436
26.25°	497	522	542	558	569	575	578	575	569	558	542
25°	595	618	637	651	662	668	670	668	662	651	637
23.75°	679	698	714	726	733	737	738	737	733	726	714
22.5°	742	756	767	777	783	787	789	787	783	777	767
21.25°	789	804	820	834	844	850	852	850	844	834	820
20°	848	872	898	918	933	941	944	941	933	918	898
18.75°	933	972	1008	1036	1060	1076	1082	1076	1060	1036	1008
17.5°	1048	1110	1161	1205	1242	1264	1272	1264	1242	1205	1161
16.25°	1210	1293	1362	1432	1483	1514	1524	1514	1483	1432	1362
15°	1418	1530	1630	1714	1776	1813	1825	1813	1776	1714	1630
13.75°	1671	1806	1935	2041	2119	2169	2186	2169	2119	2041	1935
12.5°	1954	2124	2278	2402	2500	2560	2581	2560	2500	2402	2278
11.25°	2264	2465	2647	2797	2911	2981	3005	2981	2911	2797	2647
10°	2588	2823	3033	3207	3336	3416	3444	3416	3336	3207	3033
8.75°	2917	3183	3420	3613	3758	3847	3876	3847	3758	3613	3420
7.5°	3235	3530	3790	4000	4157	4249	4281	4249	4157	4000	3790
6.25°	3530	3849	4129	4347	4507	4602	4636	4602	4507	4347	4129
5°	3790	4129	4414	4636	4796	4894	4929	4894	4796	4636	4414
3.75°	4000	4347	4636	4861	5021	5123	5153	5123	5021	4861	4636
2.5°	4157	4507	4796	5021	5186	5285	5311	5285	5186	5021	4796
1.25°	4249	4602	4894	5123	5285	5368	5398	5368	5285	5123	4894
0°	4281	4636	4929	5153	5311	5398	5445	5398	5311	5153	4929
-1.25°	4249	4602	4894	5123	5285	5368	5398	5368	5285	5123	4894
-2.5°	4157	4507	4796	5021	5186	5285	5311	5285	5186	5021	4796
-3.75°	4000	4347	4636	4861	5021	5123	5153	5123	5021	4861	4636
-5°	3790	4129	4414	4636	4796	4894	4929	4894	4796	4636	4414
-6.25°	3530	3849	4129	4347	4507	4602	4636	4602	4507	4347	4129
-7.5°	3235	3530	3790	4000	4157	4249	4281	4249	4157	4000	3790
-8.75°	2917	3183	3420	3613	3758	3847	3876	3847	3758	3613	3420
-10°	2588	2823	3033	3207	3336	3416	3444	3416	3336	3207	3033
-11.25°	2264	2465	2647	2797	2911	2981	3005	2981	2911	2797	2647
-12.5°	1954	2124	2278	2402	2500	2560	2581	2560	2500	2402	2278
-13.75°	1671	1806	1935	2041	2119	2169	2186	2169	2119	2041	1935
-15°	1418	1530	1630	1714	1776	1813	1825	1813	1776	1714	1630
-16.25°	1210	1293	1362	1432	1483	1514	1524	1514	1483	1432	1362
-17.5°	1048	1110	1161	1205	1242	1264	1272	1264	1242	1205	1161
-18.75°	933	972	1008	1036	1060	1076	1082	1076	1060	1036	1008
-20°	848	872	898	918	933	941	944	941	933	918	898
-21.25°	789	804	820	834	844	850	852	850	844	834	820





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	742	756	767	777	783	787	789	787	783	777	767
-23.75°	679	698	714	726	733	737	738	737	733	726	714
-25°	595	618	637	651	662	668	670	668	662	651	637
-26.25°	497	522	542	558	569	575	578	575	569	558	542
-27.5°	392	416	436	452	464	471	473	471	464	452	436
-28.75°	289	312	330	345	356	362	364	362	356	345	330
-30°	203	220	234	245	252	257	259	257	252	245	234
-31.25°	123	139	152	163	170	175	176	175	170	163	152
-32.5°	79	84	87	90	92	93	94	93	92	90	87
-33.75°	57	61	64	67	69	70	70	70	69	67	64
-35°	43	44	45	46	46	47	47	47	46	46	45
-36.25°	36	38	38	39	40	40	40	40	40	39	38
-37.5°	31	31	32	33	33	33	33	33	33	33	32
-38.75°	26	26	27	28	28	28	28	28	28	28	27
-40°	20	21	22	22	23	23	23	23	23	22	22
-41.25°	15	16	16	17	17	17	17	17	17	17	16
-42.5°	11	12	12	12	12	12	12	12	12	12	12
-43.75°	10	10	10	11	11	11	11	11	11	11	10
-45°	9	9	9	9	9	9	10	9	9	9	9
-46.25°	9	9	9	9	9	9	9	9	9	9	9
-47.5°	8	9	9	9	9	9	9	9	9	9	9
-48.75°	8	8	8	8	8	8	8	8	8	8	8
-50°	7	7	7	7	7	7	7	7	7	7	7
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	6	6	6	6	6	6	6	6	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	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	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	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°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	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°	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	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	6	6	6	6	6	6	6	6
50°	7	7	7	7	7	7	7	7	6	6	6
48.75°	8	8	8	7	7	7	7	7	7	7	7
47.5°	9	8	8	8	8	8	8	8	7	7	7
46.25°	9	9	9	9	9	9	9	8	8	8	8
45°	9	9	9	9	9	9	9	9	9	9	8
43.75°	10	10	10	10	10	9	9	9	9	9	9
42.5°	12	11	11	11	11	10	10	10	10	9	9
41.25°	16	15	14	13	12	12	11	11	11	10	10
40°	21	20	20	18	17	16	14	13	12	11	11
38.75°	26	26	25	24	23	21	20	18	16	14	12
37.5°	31	31	30	29	27	26	25	23	21	19	17
36.25°	38	36	35	34	32	31	29	28	26	24	22
35°	44	43	42	40	38	37	34	32	31	29	27

REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	61	57	52	47	45	43	41	38	36	33	31
32.5°	84	79	74	68	62	55	47	44	42	39	36
31.25°	139	123	105	91	84	76	68	59	50	45	42
30°	220	203	184	161	136	108	89	80	70	60	49
28.75°	312	289	263	239	213	184	152	118	90	79	68
27.5°	416	392	364	332	297	258	225	190	152	112	87
26.25°	522	497	467	432	394	353	308	261	221	179	135
25°	618	595	566	533	494	449	402	351	298	246	200
23.75°	698	679	654	623	587	544	496	442	385	326	265
22.5°	756	742	724	698	668	628	583	531	473	410	345
21.25°	804	789	772	753	731	699	660	612	556	493	425
20°	872	848	823	798	775	750	722	681	630	571	504
18.75°	972	933	895	856	822	792	764	734	692	639	576
17.5°	1110	1048	995	938	889	843	804	773	740	696	639
16.25°	1293	1210	1130	1046	978	913	856	810	775	740	692
15°	1530	1418	1304	1192	1093	1003	925	861	810	773	734
13.75°	1806	1671	1524	1370	1238	1116	1011	925	856	804	764
12.5°	2124	1954	1772	1590	1412	1253	1116	1003	913	843	792
11.25°	2465	2264	2048	1823	1614	1412	1238	1093	978	889	822
10°	2823	2588	2336	2080	1823	1590	1370	1192	1046	938	856
8.75°	3183	2917	2630	2336	2048	1772	1524	1304	1130	995	895
7.5°	3530	3235	2917	2588	2264	1954	1671	1418	1210	1048	933
6.25°	3849	3530	3183	2823	2465	2124	1806	1530	1293	1110	972
5°	4129	3790	3420	3033	2647	2278	1935	1630	1362	1161	1008
3.75°	4347	4000	3613	3207	2797	2402	2041	1714	1432	1205	1036
2.5°	4507	4157	3758	3336	2911	2500	2119	1776	1483	1242	1060
1.25°	4602	4249	3847	3416	2981	2560	2169	1813	1514	1264	1076
0°	4636	4281	3876	3444	3005	2581	2186	1825	1524	1272	1082
-1.25°	4602	4249	3847	3416	2981	2560	2169	1813	1514	1264	1076
-2.5°	4507	4157	3758	3336	2911	2500	2119	1776	1483	1242	1060
-3.75°	4347	4000	3613	3207	2797	2402	2041	1714	1432	1205	1036
-5°	4129	3790	3420	3033	2647	2278	1935	1630	1362	1161	1008
-6.25°	3849	3530	3183	2823	2465	2124	1806	1530	1293	1110	972
-7.5°	3530	3235	2917	2588	2264	1954	1671	1418	1210	1048	933
-8.75°	3183	2917	2630	2336	2048	1772	1524	1304	1130	995	895
-10°	2823	2588	2336	2080	1823	1590	1370	1192	1046	938	856
-11.25°	2465	2264	2048	1823	1614	1412	1238	1093	978	889	822
-12.5°	2124	1954	1772	1590	1412	1253	1116	1003	913	843	792
-13.75°	1806	1671	1524	1370	1238	1116	1011	925	856	804	764
-15°	1530	1418	1304	1192	1093	1003	925	861	810	773	734
-16.25°	1293	1210	1130	1046	978	913	856	810	775	740	692
-17.5°	1110	1048	995	938	889	843	804	773	740	696	639
-18.75°	972	933	895	856	822	792	764	734	692	639	576
-20°	872	848	823	798	775	750	722	681	630	571	504
-21.25°	804	789	772	753	731	699	660	612	556	493	425



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	756	742	724	698	668	628	583	531	473	410	345
-23.75°	698	679	654	623	587	544	496	442	385	326	265
-25°	618	595	566	533	494	449	402	351	298	246	200
-26.25°	522	497	467	432	394	353	308	261	221	179	135
-27.5°	416	392	364	332	297	258	225	190	152	112	87
-28.75°	312	289	263	239	213	184	152	118	90	79	68
-30°	220	203	184	161	136	108	89	80	70	60	49
-31.25°	139	123	105	91	84	76	68	59	50	45	42
-32.5°	84	79	74	68	62	55	47	44	42	39	36
-33.75°	61	57	52	47	45	43	41	38	36	33	31
-35°	44	43	42	40	38	37	34	32	31	29	27
-36.25°	38	36	35	34	32	31	29	28	26	24	22
-37.5°	31	31	30	29	27	26	25	23	21	19	17
-38.75°	26	26	25	24	23	21	20	18	16	14	12
-40°	21	20	20	18	17	16	14	13	12	11	11
-41.25°	16	15	14	13	12	12	11	11	11	10	10
-42.5°	12	11	11	11	11	10	10	10	10	9	9
-43.75°	10	10	10	10	10	9	9	9	9	9	9
-45°	9	9	9	9	9	9	9	9	9	9	8
-46.25°	9	9	9	9	9	9	9	8	8	8	8
-47.5°	9	8	8	8	8	8	8	8	7	7	7
-48.75°	8	8	8	7	7	7	7	7	7	7	7
-50°	7	7	7	7	7	7	7	7	6	6	6
-51.25°	7	7	7	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	5	5	5
-55°	6	5	5	5	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	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	3
-63.75°	4	4	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	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°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	2	2	2	2	2	2	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	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°	3	3	3	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	5	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	4	4	4	4
52.5°	6	5	5	5	5	5	5	5	5	4	4
51.25°	6	6	6	6	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	5	5	5	5
48.75°	7	6	6	6	6	6	6	6	6	5	5
47.5°	7	7	7	7	6	6	6	6	6	6	6
46.25°	7	7	7	7	7	7	6	6	6	6	6
45°	8	8	8	7	7	7	7	7	6	6	6
43.75°	9	9	8	8	8	7	7	7	7	7	6
42.5°	9	9	9	9	8	8	8	7	7	7	7
41.25°	9	9	9	9	9	9	8	8	8	7	7
40°	11	10	10	9	9	9	9	9	8	8	7
38.75°	12	11	11	10	9	9	9	9	9	8	8
37.5°	15	13	12	11	10	10	9	9	9	9	8
36.25°	20	17	15	12	11	11	10	9	9	9	9
35°	24	22	19	17	14	12	11	10	10	9	9

REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	29	26	24	21	18	15	12	11	11	10	9
32.5°	33	30	28	25	22	19	16	13	11	11	10
31.25°	38	35	32	29	26	23	20	17	13	11	11
30°	44	40	37	33	30	27	24	20	17	13	11
28.75°	56	46	42	38	34	31	27	24	20	17	13
27.5°	74	61	47	43	39	34	31	27	24	20	16
26.25°	92	79	65	50	43	39	34	31	27	23	19
25°	152	103	82	67	51	43	39	34	30	26	22
23.75°	214	163	109	83	67	50	43	38	33	29	25
22.5°	279	221	166	109	82	65	47	42	37	32	28
21.25°	355	284	221	163	103	79	61	46	40	35	30
20°	430	355	279	214	152	92	74	56	44	38	33
18.75°	504	425	345	265	200	135	87	68	49	42	36
17.5°	571	493	410	326	246	179	112	79	60	45	39
16.25°	630	556	473	385	298	221	152	90	70	50	42
15°	681	612	531	442	351	261	190	118	80	59	44
13.75°	722	660	583	496	402	308	225	152	89	68	47
12.5°	750	699	628	544	449	353	258	184	108	76	55
11.25°	775	731	668	587	494	394	297	213	136	84	62
10°	798	753	698	623	533	432	332	239	161	91	68
8.75°	823	772	724	654	566	467	364	263	184	105	74
7.5°	848	789	742	679	595	497	392	289	203	123	79
6.25°	872	804	756	698	618	522	416	312	220	139	84
5°	898	820	767	714	637	542	436	330	234	152	87
3.75°	918	834	777	726	651	558	452	345	245	163	90
2.5°	933	844	783	733	662	569	464	356	252	170	92
1.25°	941	850	787	737	668	575	471	362	257	175	93
0°	944	852	789	738	670	578	473	364	259	176	94
-1.25°	941	850	787	737	668	575	471	362	257	175	93
-2.5°	933	844	783	733	662	569	464	356	252	170	92
-3.75°	918	834	777	726	651	558	452	345	245	163	90
-5°	898	820	767	714	637	542	436	330	234	152	87
-6.25°	872	804	756	698	618	522	416	312	220	139	84
-7.5°	848	789	742	679	595	497	392	289	203	123	79
-8.75°	823	772	724	654	566	467	364	263	184	105	74
-10°	798	753	698	623	533	432	332	239	161	91	68
-11.25°	775	731	668	587	494	394	297	213	136	84	62
-12.5°	750	699	628	544	449	353	258	184	108	76	55
-13.75°	722	660	583	496	402	308	225	152	89	68	47
-15°	681	612	531	442	351	261	190	118	80	59	44
-16.25°	630	556	473	385	298	221	152	90	70	50	42
-17.5°	571	493	410	326	246	179	112	79	60	45	39
-18.75°	504	425	345	265	200	135	87	68	49	42	36
-20°	430	355	279	214	152	92	74	56	44	38	33
-21.25°	355	284	221	163	103	79	61	46	40	35	30





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	279	221	166	109	82	65	47	42	37	32	28
-23.75°	214	163	109	83	67	50	43	38	33	29	25
-25°	152	103	82	67	51	43	39	34	30	26	22
-26.25°	92	79	65	50	43	39	34	31	27	23	19
-27.5°	74	61	47	43	39	34	31	27	24	20	16
-28.75°	56	46	42	38	34	31	27	24	20	17	13
-30°	44	40	37	33	30	27	24	20	17	13	11
-31.25°	38	35	32	29	26	23	20	17	13	11	11
-32.5°	33	30	28	25	22	19	16	13	11	11	10
-33.75°	29	26	24	21	18	15	12	11	11	10	9
-35°	24	22	19	17	14	12	11	10	10	9	9
-36.25°	20	17	15	12	11	11	10	9	9	9	9
-37.5°	15	13	12	11	10	10	9	9	9	9	8
-38.75°	12	11	11	10	9	9	9	9	9	8	8
-40°	11	10	10	9	9	9	9	9	8	8	7
-41.25°	9	9	9	9	9	9	8	8	8	7	7
-42.5°	9	9	9	9	8	8	8	7	7	7	7
-43.75°	9	9	8	8	8	7	7	7	7	7	6
-45°	8	8	8	7	7	7	7	7	6	6	6
-46.25°	7	7	7	7	7	7	6	6	6	6	6
-47.5°	7	7	7	7	6	6	6	6	6	6	6
-48.75°	7	6	6	6	6	6	6	6	6	5	5
-50°	6	6	6	6	6	6	6	5	5	5	5
-51.25°	6	6	6	6	5	5	5	5	5	5	5
-52.5°	6	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	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	4	4	4	4	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	2	2	2
-65°	3	3	3	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	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	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	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°	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	3	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	2	2	2	2
57.5°	4	4	3	3	3	3	3	3	3	2	2
56.25°	4	4	4	4	3	3	3	3	3	3	2
55°	4	4	4	4	4	4	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	3
50°	5	5	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	4	4	4	4	4	4
46.25°	6	5	5	5	5	5	4	4	4	4	4
45°	6	6	6	5	5	5	5	4	4	4	4
43.75°	6	6	6	6	5	5	5	5	4	4	4
42.5°	6	6	6	6	6	5	5	5	5	4	4
41.25°	7	6	6	6	6	6	5	5	5	5	4
40°	7	7	7	6	6	6	6	5	5	5	5
38.75°	7	7	7	7	6	6	6	6	5	5	5
37.5°	8	7	7	7	7	6	6	6	6	5	5
36.25°	8	8	7	7	7	7	6	6	6	6	5
35°	9	8	8	7	7	7	6	6	6	6	5



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	9	9	8	8	7	7	7	6	6	6	6
32.5°	9	9	9	8	8	7	7	7	6	6	6
31.25°	10	9	9	9	8	8	7	7	7	6	6
30°	11	10	9	9	9	8	8	7	7	6	6
28.75°	11	10	9	9	9	9	8	7	7	7	6
27.5°	12	11	10	9	9	9	8	8	7	7	6
26.25°	15	12	11	10	9	9	9	8	7	7	7
25°	18	14	11	10	9	9	9	8	8	7	7
23.75°	21	17	12	11	10	9	9	9	8	7	7
22.5°	24	19	15	12	11	10	9	9	8	8	7
21.25°	26	22	17	13	11	10	9	9	9	8	7
20°	29	24	20	15	12	11	9	9	9	8	7
18.75°	31	27	22	17	12	11	10	9	9	8	8
17.5°	33	29	24	19	14	11	10	9	9	9	8
16.25°	36	31	26	21	16	12	11	10	9	9	8
15°	38	32	28	23	18	13	11	10	9	9	8
13.75°	41	34	29	25	20	14	11	10	9	9	9
12.5°	43	37	31	26	21	16	12	10	9	9	9
11.25°	45	38	32	27	23	17	12	11	10	9	9
10°	47	40	34	29	24	18	13	11	10	9	9
8.75°	52	42	35	30	25	20	14	11	10	9	9
7.5°	57	43	36	31	26	20	15	11	10	9	9
6.25°	61	44	38	31	26	21	16	12	10	9	9
5°	64	45	38	32	27	22	16	12	10	9	9
3.75°	67	46	39	33	28	22	17	12	11	9	9
2.5°	69	46	40	33	28	23	17	12	11	9	9
1.25°	70	47	40	33	28	23	17	12	11	9	9
0°	70	47	40	33	28	23	17	12	11	10	9
-1.25°	70	47	40	33	28	23	17	12	11	9	9
-2.5°	69	46	40	33	28	23	17	12	11	9	9
-3.75°	67	46	39	33	28	22	17	12	11	9	9
-5°	64	45	38	32	27	22	16	12	10	9	9
-6.25°	61	44	38	31	26	21	16	12	10	9	9
-7.5°	57	43	36	31	26	20	15	11	10	9	9
-8.75°	52	42	35	30	25	20	14	11	10	9	9
-10°	47	40	34	29	24	18	13	11	10	9	9
-11.25°	45	38	32	27	23	17	12	11	10	9	9
-12.5°	43	37	31	26	21	16	12	10	9	9	9
-13.75°	41	34	29	25	20	14	11	10	9	9	9
-15°	38	32	28	23	18	13	11	10	9	9	8
-16.25°	36	31	26	21	16	12	11	10	9	9	8
-17.5°	33	29	24	19	14	11	10	9	9	9	8
-18.75°	31	27	22	17	12	11	10	9	9	8	8
-20°	29	24	20	15	12	11	9	9	9	8	7
-21.25°	26	22	17	13	11	10	9	9	9	8	7



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	24	19	15	12	11	10	9	9	8	8	7
-23.75°	21	17	12	11	10	9	9	9	8	7	7
-25°	18	14	11	10	9	9	9	8	8	7	7
-26.25°	15	12	11	10	9	9	9	8	7	7	7
-27.5°	12	11	10	9	9	9	8	8	7	7	6
-28.75°	11	10	9	9	9	9	8	7	7	7	6
-30°	11	10	9	9	9	8	8	7	7	6	6
-31.25°	10	9	9	9	8	8	7	7	7	6	6
-32.5°	9	9	9	8	8	7	7	7	6	6	6
-33.75°	9	9	8	8	7	7	7	6	6	6	6
-35°	9	8	8	7	7	7	6	6	6	6	5
-36.25°	8	8	7	7	7	7	6	6	6	6	5
-37.5°	8	7	7	7	7	6	6	6	6	5	5
-38.75°	7	7	7	7	6	6	6	6	5	5	5
-40°	7	7	7	6	6	6	6	5	5	5	5
-41.25°	7	6	6	6	6	6	5	5	5	5	4
-42.5°	6	6	6	6	6	5	5	5	5	4	4
-43.75°	6	6	6	6	5	5	5	5	4	4	4
-45°	6	6	6	5	5	5	5	4	4	4	4
-46.25°	6	5	5	5	5	5	4	4	4	4	4
-47.5°	5	5	5	5	5	4	4	4	4	4	4
-48.75°	5	5	5	4	4	4	4	4	4	4	4
-50°	5	5	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	3
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	4	4	4	3	3	3	3
-55°	4	4	4	4	4	4	3	3	3	3	3
-56.25°	4	4	4	4	3	3	3	3	3	3	2
-57.5°	4	4	3	3	3	3	3	3	3	2	2
-58.75°	3	3	3	3	3	3	3	2	2	2	2
-60°	3	3	3	3	3	2	2	2	2	2	2
-61.25°	3	3	3	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	1
-73.75°	2	2	2	2	2	2	1	1	1	1	1
-75°	2	2	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	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	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	1	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	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	3	2	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°	4	3	3	3	3	3	2	2	2	2	2
47.5°	4	4	3	3	3	3	2	2	2	2	2
46.25°	4	4	4	3	3	3	3	2	2	2	2
45°	4	4	4	4	3	3	3	3	2	2	2
43.75°	4	4	4	4	4	3	3	3	3	2	2
42.5°	4	4	4	4	4	3	3	3	3	2	2
41.25°	4	4	4	4	4	4	3	3	3	3	2
40°	4	4	4	4	4	4	4	3	3	3	2
38.75°	5	4	4	4	4	4	4	3	3	3	3
37.5°	5	4	4	4	4	4	4	4	3	3	3
36.25°	5	5	4	4	4	4	4	4	3	3	3
35°	5	5	5	4	4	4	4	4	4	3	3



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	5	5	5	4	4	4	4	4	4	3	3
32.5°	6	5	5	5	4	4	4	4	4	4	3
31.25°	6	5	5	5	4	4	4	4	4	4	3
30°	6	6	5	5	5	4	4	4	4	4	3
28.75°	6	6	5	5	5	4	4	4	4	4	4
27.5°	6	6	6	5	5	5	4	4	4	4	4
26.25°	6	6	6	5	5	5	4	4	4	4	4
25°	6	6	6	5	5	5	4	4	4	4	4
23.75°	7	6	6	6	5	5	5	4	4	4	4
22.5°	7	6	6	6	5	5	5	4	4	4	4
21.25°	7	6	6	6	5	5	5	4	4	4	4
20°	7	7	6	6	6	5	5	4	4	4	4
18.75°	7	7	6	6	6	5	5	5	4	4	4
17.5°	7	7	6	6	6	5	5	5	4	4	4
16.25°	7	7	6	6	6	5	5	5	4	4	4
15°	8	7	7	6	6	6	5	5	4	4	4
13.75°	8	7	7	6	6	6	5	5	4	4	4
12.5°	8	7	7	6	6	6	5	5	5	4	4
11.25°	8	7	7	6	6	6	5	5	5	4	4
10°	8	7	7	6	6	6	5	5	5	4	4
8.75°	8	8	7	7	6	6	5	5	5	4	4
7.5°	8	8	7	7	6	6	5	5	5	4	4
6.25°	9	8	7	7	6	6	6	5	5	4	4
5°	9	8	7	7	6	6	6	5	5	4	4
3.75°	9	8	7	7	6	6	6	5	5	4	4
2.5°	9	8	7	7	6	6	6	5	5	4	4
1.25°	9	8	7	7	6	6	6	5	5	4	4
0°	9	8	7	7	6	6	6	5	5	4	4
-1.25°	9	8	7	7	6	6	6	5	5	4	4
-2.5°	9	8	7	7	6	6	6	5	5	4	4
-3.75°	9	8	7	7	6	6	6	5	5	4	4
-5°	9	8	7	7	6	6	6	5	5	4	4
-6.25°	9	8	7	7	6	6	6	5	5	4	4
-7.5°	8	8	7	7	6	6	5	5	5	4	4
-8.75°	8	8	7	7	6	6	5	5	5	4	4
-10°	8	7	7	6	6	6	5	5	5	4	4
-11.25°	8	7	7	6	6	6	5	5	5	4	4
-12.5°	8	7	7	6	6	6	5	5	5	4	4
-13.75°	8	7	7	6	6	6	5	5	4	4	4
-15°	8	7	7	6	6	6	5	5	4	4	4
-16.25°	7	7	6	6	6	5	5	5	4	4	4
-17.5°	7	7	6	6	6	5	5	5	4	4	4
-18.75°	7	7	6	6	6	5	5	5	4	4	4
-20°	7	7	6	6	6	5	5	4	4	4	4
-21.25°	7	6	6	6	5	5	5	4	4	4	4





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	7	6	6	6	5	5	5	4	4	4	4
-23.75°	7	6	6	6	5	5	5	4	4	4	4
-25°	6	6	6	5	5	5	4	4	4	4	4
-26.25°	6	6	6	5	5	5	4	4	4	4	4
-27.5°	6	6	6	5	5	5	4	4	4	4	4
-28.75°	6	6	5	5	5	4	4	4	4	4	4
-30°	6	6	5	5	5	4	4	4	4	4	3
-31.25°	6	5	5	5	4	4	4	4	4	4	3
-32.5°	6	5	5	5	4	4	4	4	4	4	3
-33.75°	5	5	5	4	4	4	4	4	4	3	3
-35°	5	5	5	4	4	4	4	4	4	3	3
-36.25°	5	5	4	4	4	4	4	4	3	3	3
-37.5°	5	4	4	4	4	4	4	4	3	3	3
-38.75°	5	4	4	4	4	4	4	3	3	3	3
-40°	4	4	4	4	4	4	4	3	3	3	2
-41.25°	4	4	4	4	4	4	3	3	3	3	2
-42.5°	4	4	4	4	4	3	3	3	3	2	2
-43.75°	4	4	4	4	4	3	3	3	3	2	2
-45°	4	4	4	4	3	3	3	3	2	2	2
-46.25°	4	4	4	3	3	3	3	2	2	2	2
-47.5°	4	4	3	3	3	3	2	2	2	2	2
-48.75°	4	3	3	3	3	3	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	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	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	1	1
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	2	2	2	1	1	1	1	1
-70°	2	2	2	2	1	1	1	1	1	1	1
-71.25°	2	2	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	2	2	2	2	2	2	2	2	2	2
32.5°	3	3	2	2	2	2	2	2	2	2	2
31.25°	3	3	2	2	2	2	2	2	2	2	2
30°	3	3	2	2	2	2	2	2	2	2	2
28.75°	3	3	3	2	2	2	2	2	2	2	2
27.5°	3	3	3	2	2	2	2	2	2	2	2
26.25°	3	3	3	2	2	2	2	2	2	2	2
25°	3	3	3	2	2	2	2	2	2	2	2
23.75°	4	3	3	2	2	2	2	2	2	2	2
22.5°	4	3	3	3	2	2	2	2	2	2	2
21.25°	4	3	3	3	2	2	2	2	2	2	2
20°	4	3	3	3	2	2	2	2	2	2	2
18.75°	4	3	3	3	2	2	2	2	2	2	2
17.5°	4	4	3	3	2	2	2	2	2	2	2
16.25°	4	4	3	3	2	2	2	2	2	2	2
15°	4	4	3	3	3	2	2	2	2	2	2
13.75°	4	4	3	3	3	2	2	2	2	2	2
12.5°	4	4	3	3	3	2	2	2	2	2	2
11.25°	4	4	3	3	3	2	2	2	2	2	2
10°	4	4	3	3	3	2	2	2	2	2	2
8.75°	4	4	3	3	3	2	2	2	2	2	2
7.5°	4	4	4	3	3	2	2	2	2	2	2
6.25°	4	4	4	3	3	2	2	2	2	2	2
5°	4	4	4	3	3	2	2	2	2	2	2
3.75°	4	4	4	3	3	2	2	2	2	2	2
2.5°	4	4	4	3	3	2	2	2	2	2	2
1.25°	4	4	4	3	3	2	2	2	2	2	2
0°	4	4	4	3	3	2	2	2	2	2	2
-1.25°	4	4	4	3	3	2	2	2	2	2	2
-2.5°	4	4	4	3	3	2	2	2	2	2	2
-3.75°	4	4	4	3	3	2	2	2	2	2	2
-5°	4	4	4	3	3	2	2	2	2	2	2
-6.25°	4	4	4	3	3	2	2	2	2	2	2
-7.5°	4	4	4	3	3	2	2	2	2	2	2
-8.75°	4	4	3	3	3	2	2	2	2	2	2
-10°	4	4	3	3	3	2	2	2	2	2	2
-11.25°	4	4	3	3	3	2	2	2	2	2	2
-12.5°	4	4	3	3	3	2	2	2	2	2	2
-13.75°	4	4	3	3	3	2	2	2	2	2	2
-15°	4	4	3	3	3	2	2	2	2	2	2
-16.25°	4	4	3	3	2	2	2	2	2	2	2
-17.5°	4	4	3	3	2	2	2	2	2	2	2
-18.75°	4	3	3	3	2	2	2	2	2	2	2
-20°	4	3	3	3	2	2	2	2	2	2	2
-21.25°	4	3	3	3	2	2	2	2	2	2	2



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	3	3	3	2	2	2	2	2	2	2
-23.75°	4	3	3	2	2	2	2	2	2	2	2
-25°	3	3	3	2	2	2	2	2	2	2	2
-26.25°	3	3	3	2	2	2	2	2	2	2	2
-27.5°	3	3	3	2	2	2	2	2	2	2	2
-28.75°	3	3	3	2	2	2	2	2	2	2	2
-30°	3	3	2	2	2	2	2	2	2	2	2
-31.25°	3	3	2	2	2	2	2	2	2	2	2
-32.5°	3	3	2	2	2	2	2	2	2	2	2
-33.75°	3	2	2	2	2	2	2	2	2	2	2
-35°	3	2	2	2	2	2	2	2	2	2	2
-36.25°	3	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	1
-42.5°	2	2	2	2	2	2	2	2	2	2	1
-43.75°	2	2	2	2	2	2	2	2	2	2	1
-45°	2	2	2	2	2	2	2	2	2	2	1
-46.25°	2	2	2	2	2	2	2	2	2	1	1
-47.5°	2	2	2	2	2	2	2	2	2	1	1
-48.75°	2	2	2	2	2	2	2	2	2	1	1
-50°	2	2	2	2	2	2	2	2	1	1	1
-51.25°	2	2	2	2	2	2	2	2	1	1	1
-52.5°	2	2	2	2	2	2	2	1	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	2	1	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	2	2	1	1	1	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	2	2	1	1	1	1	1	1	1	1	1
-63.75°	2	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	0
-77.5°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	2	2	1	1	1	1	1	1	1	0	0
-23.75°	2	2	1	1	1	1	1	1	1	0	0
-25°	2	2	1	1	1	1	1	1	1	0	0
-26.25°	2	2	1	1	1	1	1	1	1	0	0
-27.5°	2	1	1	1	1	1	1	1	1	0	0
-28.75°	2	1	1	1	1	1	1	1	1	0	0
-30°	2	1	1	1	1	1	1	1	1	0	0
-31.25°	2	1	1	1	1	1	1	1	1	0	0
-32.5°	2	1	1	1	1	1	1	1	1	0	0
-33.75°	2	1	1	1	1	1	1	1	1	0	0
-35°	2	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	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: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-M-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)