

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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

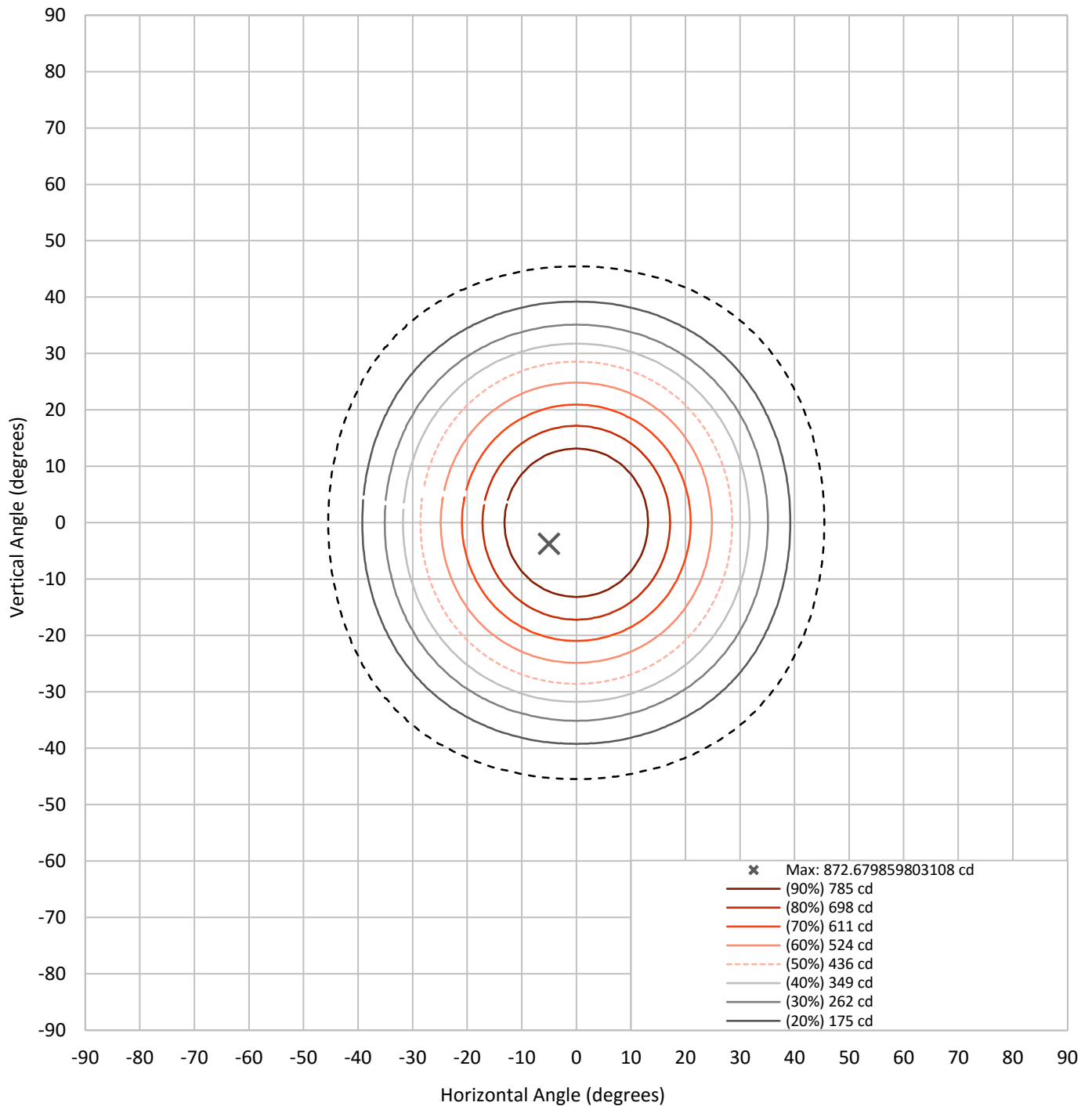
Test Method: LM-79-08
Report Number: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29420)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	803.8 lumens	Max Intensity:	872.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	80.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.7°H x 56.4°V	Field Angle (10%):	90.5°H x 90.3°V
Beam Lumens:	494.1 lumens	Field Lumens:	741.2 lumens
Beam Efficiency:	61.5%	Field Efficiency:	92.2%
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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-WT-L1-UNV

Iso-Candela Plot





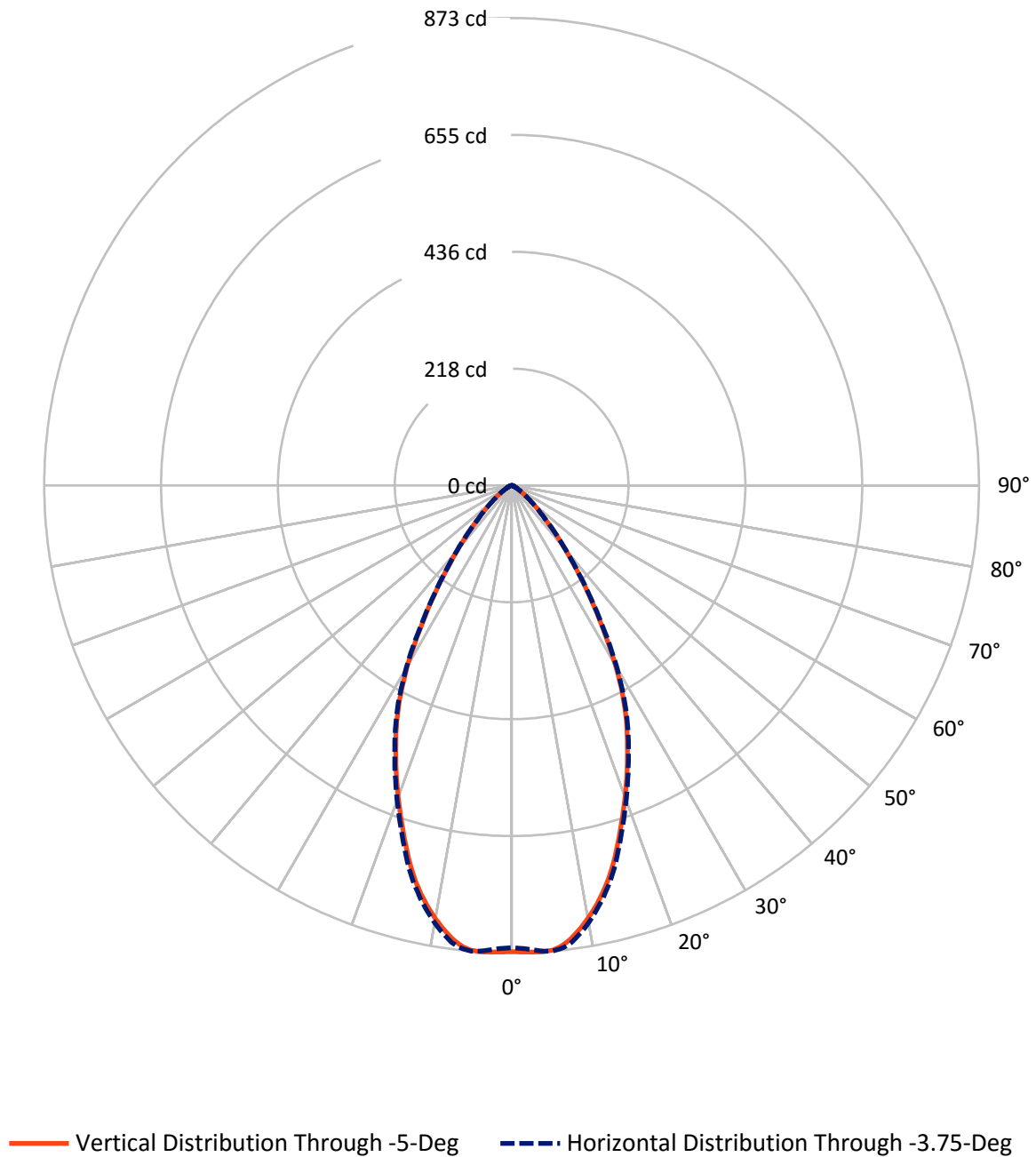
REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-WT-L1-UNV

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	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0			
50		0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.2	0.1	0.0				
40	0.0	0.0	0.1	0.3	0.7	1.4	2.2	2.8	2.8	2.2	1.4	0.7	0.3	0.1	0.0	0.0			
30		0.1	0.2	0.6	1.7	3.6	6.1	7.9	7.9	6.1	3.6	1.7	0.6	0.2	0.1				
20	0.0	0.1	0.3	1.1	3.3	7.5	12.4	15.3	15.3	12.4	7.5	3.3	1.1	0.3	0.1	0.0			
10		0.1	0.4	1.7	5.2	11.6	17.8	21.9	21.9	17.8	11.6	5.2	1.7	0.4	0.1				
0	0.1	0.1	0.5	2.0	6.5	14.0	21.2	25.8	25.8	21.2	14.0	6.5	2.0	0.5	0.1	0.1			
-10		0.1	0.5	2.0	6.5	14.0	21.2	25.8	25.8	21.2	14.0	6.5	2.0	0.5	0.1				
-20	0.0	0.1	0.4	1.7	5.2	11.6	17.8	21.9	21.9	17.8	11.6	5.2	1.7	0.4	0.1	0.0			
-30		0.1	0.3	1.1	3.3	7.5	12.4	15.3	15.3	12.4	7.5	3.3	1.1	0.3	0.1				
-40	0.0	0.1	0.2	0.6	1.7	3.6	6.1	7.9	7.9	6.1	3.6	1.7	0.6	0.2	0.1	0.0			
-50		0.0	0.1	0.3	0.7	1.4	2.2	2.8	2.8	2.2	1.4	0.7	0.3	0.1	0.0				
-60	0.0	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.2	0.1	0.0	0.0			
-70		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	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

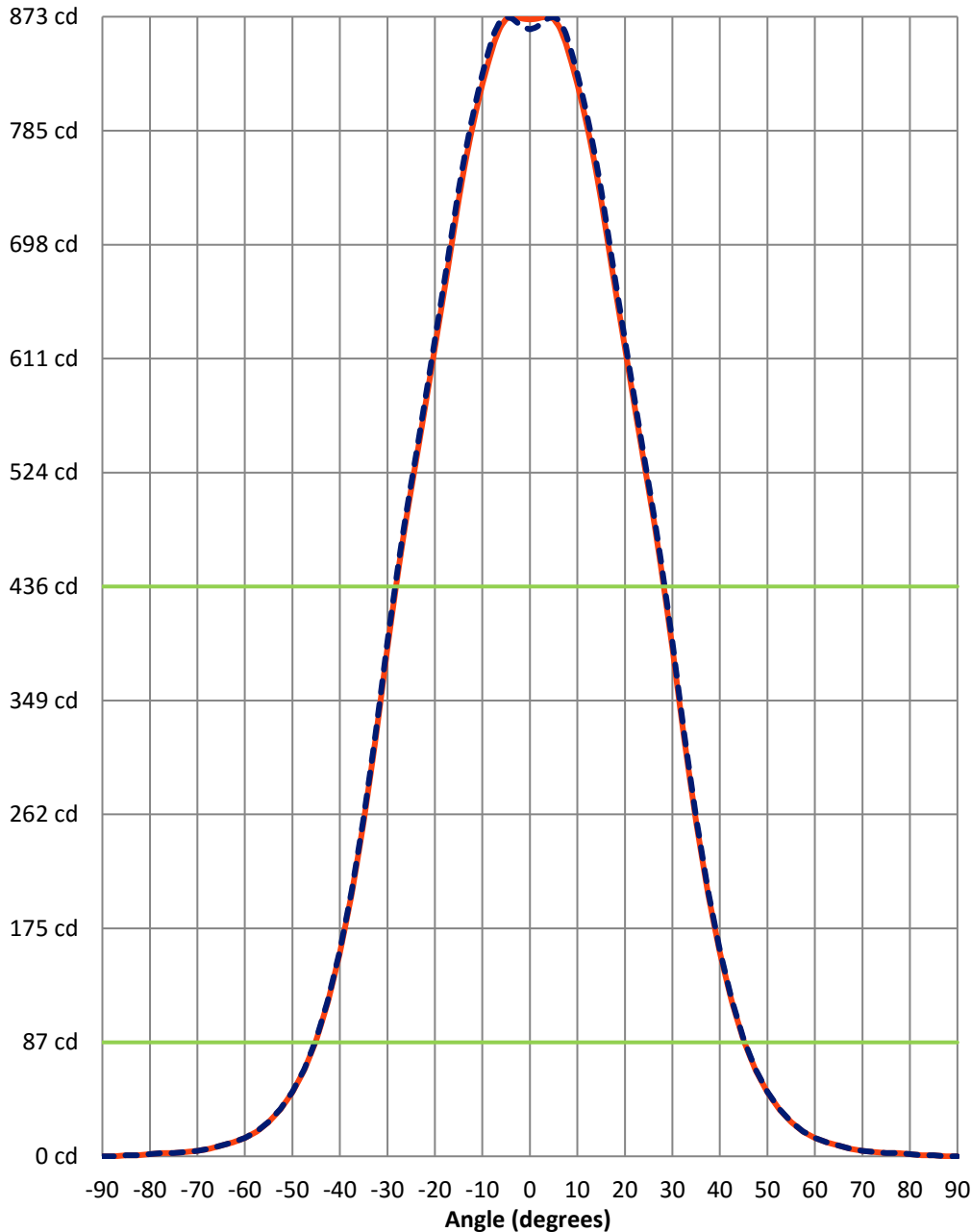
REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 56.7°
 V Angle: 56.4°
 Lumens: 494.1
 Efficiency: 61.5%

Field:
 H Angle: 90.5°
 V Angle: 90.3°
 Lumens: 741.2
 Efficiency: 92.2%

Spill:
 Lumens: 62.7
 Efficiency: 7.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3
-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3
58.75°	1	1	1	1	2	2	2	2	2	3	3
57.5°	1	1	1	1	2	2	2	2	2	3	3
56.25°	1	1	1	2	2	2	2	2	3	3	3
55°	1	1	1	2	2	2	2	3	3	3	3
53.75°	1	1	2	2	2	2	2	3	3	3	3
52.5°	1	1	2	2	2	2	3	3	3	3	3
51.25°	1	1	2	2	2	2	3	3	3	3	3
50°	1	2	2	2	2	3	3	3	3	3	3
48.75°	1	2	2	2	2	3	3	3	3	3	3
47.5°	1	2	2	2	3	3	3	3	3	3	3
46.25°	2	2	2	2	3	3	3	3	3	3	3
45°	2	2	2	2	3	3	3	3	3	3	4
43.75°	2	2	2	3	3	3	3	3	3	3	4
42.5°	2	2	2	3	3	3	3	3	3	4	4
41.25°	2	2	2	3	3	3	3	3	3	4	4
40°	2	2	2	3	3	3	3	3	3	4	4
38.75°	2	2	3	3	3	3	3	3	4	4	4
37.5°	2	2	3	3	3	3	3	3	4	4	5
36.25°	2	2	3	3	3	3	3	3	4	4	5
35°	2	2	3	3	3	3	3	4	4	4	5



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3	3	3	3	3	4	4	5	5
32.5°	2	3	3	3	3	3	3	4	4	5	5
31.25°	2	3	3	3	3	3	3	4	4	5	6
30°	2	3	3	3	3	3	4	4	4	5	6
28.75°	2	3	3	3	3	3	4	4	5	5	6
27.5°	2	3	3	3	3	3	4	4	5	5	6
26.25°	2	3	3	3	3	3	4	4	5	6	7
25°	2	3	3	3	3	4	4	4	5	6	7
23.75°	3	3	3	3	3	4	4	5	5	6	7
22.5°	3	3	3	3	3	4	4	5	5	6	7
21.25°	3	3	3	3	3	4	4	5	6	6	8
20°	3	3	3	3	3	4	4	5	6	7	8
18.75°	3	3	3	3	3	4	4	5	6	7	8
17.5°	3	3	3	3	3	4	4	5	6	7	8
16.25°	3	3	3	3	3	4	4	5	6	7	8
15°	3	3	3	3	4	4	5	5	6	7	9
13.75°	3	3	3	3	4	4	5	5	6	8	9
12.5°	3	3	3	3	4	4	5	5	6	8	9
11.25°	3	3	3	3	4	4	5	6	7	8	9
10°	3	3	3	3	4	4	5	6	7	8	9
8.75°	3	3	3	3	4	4	5	6	7	8	9
7.5°	3	3	3	3	4	4	5	6	7	8	9
6.25°	3	3	3	3	4	4	5	6	7	8	9
5°	3	3	3	3	4	4	5	6	7	8	9
3.75°	3	3	3	3	4	4	5	6	7	8	9
2.5°	3	3	3	3	4	4	5	6	7	8	10
1.25°	3	3	3	3	4	4	5	6	7	8	10
0°	3	3	3	3	4	4	5	6	7	8	10
-1.25°	3	3	3	3	4	4	5	6	7	8	10
-2.5°	3	3	3	3	4	4	5	6	7	8	10
-3.75°	3	3	3	3	4	4	5	6	7	8	10
-5°	3	3	3	3	4	4	5	6	7	8	9
-6.25°	3	3	3	3	4	4	5	6	7	8	9
-7.5°	3	3	3	3	4	4	5	6	7	8	9
-8.75°	3	3	3	3	4	4	5	6	7	8	9
-10°	3	3	3	3	4	4	5	6	7	8	9
-11.25°	3	3	3	3	4	4	5	6	7	8	9
-12.5°	3	3	3	3	4	4	5	5	6	8	9
-13.75°	3	3	3	3	4	4	5	5	6	8	9
-15°	3	3	3	3	4	4	5	5	6	7	9
-16.25°	3	3	3	3	3	4	4	5	6	7	8
-17.5°	3	3	3	3	3	4	4	5	6	7	8
-18.75°	3	3	3	3	3	4	4	5	6	7	8
-20°	3	3	3	3	3	4	4	5	6	7	8
-21.25°	3	3	3	3	3	4	4	5	6	6	8



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	3	3	3	4	4	5	5	6	7
-23.75°	3	3	3	3	3	4	4	5	5	6	7
-25°	2	3	3	3	3	4	4	4	5	6	7
-26.25°	2	3	3	3	3	3	4	4	5	6	7
-27.5°	2	3	3	3	3	3	4	4	5	5	6
-28.75°	2	3	3	3	3	3	4	4	5	5	6
-30°	2	3	3	3	3	3	4	4	4	5	6
-31.25°	2	3	3	3	3	3	3	4	4	5	6
-32.5°	2	3	3	3	3	3	3	4	4	5	5
-33.75°	2	2	3	3	3	3	3	4	4	5	5
-35°	2	2	3	3	3	3	3	4	4	4	5
-36.25°	2	2	3	3	3	3	3	3	4	4	5
-37.5°	2	2	3	3	3	3	3	3	4	4	5
-38.75°	2	2	3	3	3	3	3	3	4	4	4
-40°	2	2	2	3	3	3	3	3	3	4	4
-41.25°	2	2	2	3	3	3	3	3	3	4	4
-42.5°	2	2	2	3	3	3	3	3	3	4	4
-43.75°	2	2	2	3	3	3	3	3	3	3	4
-45°	2	2	2	2	3	3	3	3	3	3	4
-46.25°	2	2	2	2	3	3	3	3	3	3	3
-47.5°	1	2	2	2	3	3	3	3	3	3	3
-48.75°	1	2	2	2	2	3	3	3	3	3	3
-50°	1	2	2	2	2	3	3	3	3	3	3
-51.25°	1	1	2	2	2	2	3	3	3	3	3
-52.5°	1	1	2	2	2	2	3	3	3	3	3
-53.75°	1	1	2	2	2	2	2	3	3	3	3
-55°	1	1	1	2	2	2	2	3	3	3	3
-56.25°	1	1	1	2	2	2	2	2	3	3	3
-57.5°	1	1	1	1	2	2	2	2	2	3	3
-58.75°	1	1	1	1	2	2	2	2	2	3	3
-60°	1	1	1	1	1	2	2	2	2	2	3
-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3
68.75°	2	2	2	2	2	2	2	2	3	3	3
67.5°	2	2	2	2	2	2	3	3	3	3	3
66.25°	2	2	2	2	2	3	3	3	3	3	3
65°	2	2	2	3	3	3	3	3	3	3	3
63.75°	2	2	3	3	3	3	3	3	3	3	3
62.5°	2	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	4	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	3	4	4	4	4
56.25°	3	3	3	3	3	3	4	4	4	4	5
55°	3	3	3	3	3	4	4	4	4	5	5
53.75°	3	3	3	3	4	4	4	4	5	5	6
52.5°	3	3	3	4	4	4	4	5	5	6	6
51.25°	3	3	4	4	4	4	5	5	6	6	7
50°	3	3	4	4	4	5	5	6	6	7	8
48.75°	3	4	4	4	5	5	6	6	7	8	8
47.5°	4	4	4	5	5	6	6	7	8	8	9
46.25°	4	4	4	5	5	6	7	7	8	9	10
45°	4	4	5	5	6	6	7	8	9	10	10
43.75°	4	4	5	5	6	7	8	9	9	10	11
42.5°	4	5	5	6	7	7	8	9	10	11	12
41.25°	4	5	6	6	7	8	9	10	11	12	13
40°	5	5	6	7	8	8	9	10	11	12	14
38.75°	5	6	6	7	8	9	10	11	12	13	14
37.5°	5	6	7	8	9	9	10	11	13	14	16
36.25°	5	6	7	8	9	10	11	12	13	15	17
35°	6	7	7	8	9	10	12	13	14	16	18



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	6	7	8	9	10	11	12	13	15	17	19
32.5°	6	7	8	9	10	11	13	14	16	18	20
31.25°	7	8	9	10	11	12	13	15	17	19	22
30°	7	8	9	10	11	13	14	16	18	20	23
28.75°	7	8	9	10	12	13	15	17	19	22	25
27.5°	7	9	10	11	12	14	15	17	20	23	26
26.25°	8	9	10	11	13	14	16	18	21	24	28
25°	8	9	10	12	13	15	17	19	22	25	29
23.75°	8	9	11	12	13	15	18	20	23	27	31
22.5°	9	10	11	12	14	16	18	21	24	28	32
21.25°	9	10	11	13	14	17	19	22	25	29	34
20°	9	10	12	13	15	17	20	23	26	31	35
18.75°	9	10	12	13	15	18	20	24	28	32	37
17.5°	9	11	12	14	16	18	21	25	29	33	38
16.25°	10	11	12	14	16	19	22	25	30	34	40
15°	10	11	13	14	17	19	23	26	31	35	41
13.75°	10	11	13	15	17	20	23	27	32	36	43
12.5°	10	11	13	15	17	20	24	28	33	38	44
11.25°	10	12	13	15	18	21	24	28	33	39	45
10°	10	12	14	16	18	21	25	29	34	40	46
8.75°	10	12	14	16	18	22	25	30	35	41	47
7.5°	11	12	14	16	19	22	26	30	35	41	48
6.25°	11	12	14	16	19	22	26	31	36	42	48
5°	11	12	14	16	19	23	26	31	36	42	49
3.75°	11	12	14	17	19	23	26	31	36	43	49
2.5°	11	12	14	17	19	23	27	32	37	43	50
1.25°	11	12	14	17	19	23	27	32	37	43	50
0°	11	13	14	17	19	23	27	32	37	43	50
-1.25°	11	12	14	17	19	23	27	32	37	43	50
-2.5°	11	12	14	17	19	23	27	32	37	43	50
-3.75°	11	12	14	17	19	23	27	32	37	43	50
-5°	11	12	14	16	19	23	26	31	36	42	49
-6.25°	11	12	14	16	19	22	26	31	36	42	48
-7.5°	11	12	14	16	19	22	26	30	35	41	48
-8.75°	10	12	14	16	18	22	25	30	35	41	47
-10°	10	12	14	16	18	21	25	29	34	40	46
-11.25°	10	12	13	15	18	21	24	28	33	39	45
-12.5°	10	11	13	15	17	20	24	28	33	38	44
-13.75°	10	11	13	15	17	20	23	27	32	36	43
-15°	10	11	13	14	17	19	23	26	31	35	41
-16.25°	10	11	12	14	16	19	22	25	30	34	40
-17.5°	9	11	12	14	16	18	21	25	29	33	38
-18.75°	9	10	12	13	15	18	20	24	28	32	37
-20°	9	10	12	13	15	17	20	23	26	31	35
-21.25°	9	10	11	13	14	17	19	22	25	29	34



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	9	10	11	12	14	16	18	21	24	28	32
-23.75°	8	9	11	12	13	15	18	20	23	27	31
-25°	8	9	10	12	13	15	17	19	22	25	29
-26.25°	8	9	10	11	13	14	16	18	21	24	28
-27.5°	7	9	10	11	12	14	15	17	20	23	26
-28.75°	7	8	9	10	12	13	15	17	19	22	25
-30°	7	8	9	10	11	13	14	16	18	20	23
-31.25°	7	8	9	10	11	12	13	15	17	19	22
-32.5°	6	7	8	9	10	11	13	14	16	18	20
-33.75°	6	7	8	9	10	11	12	13	15	17	19
-35°	6	7	7	8	9	10	12	13	14	16	18
-36.25°	5	6	7	8	9	10	11	12	13	15	17
-37.5°	5	6	7	8	9	9	10	11	13	14	16
-38.75°	5	6	6	7	8	9	10	11	12	13	14
-40°	5	5	6	7	8	8	9	10	11	12	14
-41.25°	4	5	6	6	7	8	9	10	11	12	13
-42.5°	4	5	5	6	7	7	8	9	10	11	12
-43.75°	4	4	5	5	6	7	8	9	9	10	11
-45°	4	4	5	5	6	6	7	8	9	10	10
-46.25°	4	4	4	5	5	6	7	7	8	9	10
-47.5°	4	4	4	5	5	6	6	7	8	8	9
-48.75°	3	4	4	4	5	5	6	6	7	8	8
-50°	3	3	4	4	4	5	5	6	6	7	8
-51.25°	3	3	4	4	4	4	5	5	6	6	7
-52.5°	3	3	3	4	4	4	4	5	5	6	6
-53.75°	3	3	3	3	4	4	4	4	5	5	6
-55°	3	3	3	3	3	4	4	4	4	5	5
-56.25°	3	3	3	3	3	3	4	4	4	4	5
-57.5°	3	3	3	3	3	3	3	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	3	3	3	3	3	3	3	3	3
-65°	2	2	2	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	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	2	3	3	3
-70°	1	2	2	2	2	2	2	2	2	2	3
-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3	3	3
72.5°	2	2	2	2	3	3	3	3	3	3	3
71.25°	2	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	4	4	4
65°	3	3	3	3	3	4	4	4	4	4	4
63.75°	3	3	3	4	4	4	4	4	4	5	5
62.5°	3	4	4	4	4	4	4	5	5	5	5
61.25°	4	4	4	4	4	5	5	5	6	6	6
60°	4	4	4	5	5	5	6	6	6	7	7
58.75°	4	5	5	5	5	6	6	7	7	8	8
57.5°	5	5	5	6	6	7	7	8	8	9	9
56.25°	5	6	6	6	7	7	8	8	9	9	10
55°	6	6	7	7	8	8	9	9	10	10	11
53.75°	6	7	7	8	9	9	10	10	11	11	12
52.5°	7	8	8	9	9	10	11	11	12	13	13
51.25°	8	8	9	10	10	11	12	12	13	14	15
50°	8	9	10	10	11	12	13	14	14	16	17
48.75°	9	10	10	11	12	13	14	15	16	17	18
47.5°	10	10	11	12	13	14	15	17	18	19	21
46.25°	10	11	12	13	14	16	17	18	20	22	23
45°	11	12	13	14	16	17	18	20	22	24	26
43.75°	12	13	14	16	17	19	20	22	25	27	29
42.5°	13	14	16	17	19	20	23	25	27	30	33
41.25°	14	15	17	18	20	23	25	27	30	33	36
40°	15	17	18	20	22	25	27	30	33	36	40
38.75°	16	18	20	22	25	27	30	33	37	41	45
37.5°	17	19	22	24	27	30	33	36	41	45	49
36.25°	18	21	23	26	29	33	36	40	45	49	54
35°	20	23	25	28	32	35	39	44	48	54	59



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	21	24	27	31	34	38	43	48	53	59	65
32.5°	23	26	29	33	37	42	47	52	58	64	71
31.25°	25	28	32	35	40	45	50	56	63	69	78
30°	26	30	34	38	43	48	54	61	67	76	84
28.75°	28	32	36	41	46	52	59	65	73	82	91
27.5°	30	34	38	44	49	56	63	70	79	88	99
26.25°	32	36	41	47	53	60	67	76	85	95	107
25°	33	38	44	49	56	63	72	81	91	103	115
23.75°	35	40	46	52	60	67	77	86	98	110	123
22.5°	37	43	48	56	63	72	81	91	104	117	132
21.25°	39	45	51	59	66	76	86	98	111	124	140
20°	41	47	54	61	70	80	90	104	117	132	149
18.75°	43	49	56	64	74	84	96	109	123	140	157
17.5°	44	51	59	67	77	88	101	115	130	147	165
16.25°	46	53	61	70	81	92	106	120	137	154	174
15°	48	55	63	73	84	96	110	125	143	160	182
13.75°	49	57	65	76	87	100	114	131	148	168	189
12.5°	50	59	67	78	89	104	118	136	154	174	196
11.25°	52	60	69	81	92	107	122	140	158	180	202
10°	53	62	71	83	95	110	126	144	163	186	208
8.75°	55	63	73	85	98	113	129	148	168	191	215
7.5°	56	64	75	86	100	115	132	151	172	195	220
6.25°	57	65	76	88	102	117	135	154	175	198	224
5°	57	66	77	89	103	119	137	156	178	201	228
3.75°	58	67	78	90	105	120	139	158	180	204	231
2.5°	58	67	79	90	105	121	140	159	182	205	233
1.25°	59	67	79	91	106	121	141	160	183	206	234
0°	59	68	79	91	106	122	141	160	183	207	235
-1.25°	59	67	79	91	106	121	141	160	183	206	234
-2.5°	58	67	79	90	105	121	140	159	182	205	233
-3.75°	58	67	78	90	105	120	139	158	180	204	231
-5°	57	66	77	89	103	119	137	156	178	201	228
-6.25°	57	65	76	88	102	117	135	154	175	198	224
-7.5°	56	64	75	86	100	115	132	151	172	195	220
-8.75°	55	63	73	85	98	113	129	148	168	191	215
-10°	53	62	71	83	95	110	126	144	163	186	208
-11.25°	52	60	69	81	92	107	122	140	158	180	202
-12.5°	50	59	67	78	89	104	118	136	154	174	196
-13.75°	49	57	65	76	87	100	114	131	148	168	189
-15°	48	55	63	73	84	96	110	125	143	160	182
-16.25°	46	53	61	70	81	92	106	120	137	154	174
-17.5°	44	51	59	67	77	88	101	115	130	147	165
-18.75°	43	49	56	64	74	84	96	109	123	140	157
-20°	41	47	54	61	70	80	90	104	117	132	149
-21.25°	39	45	51	59	66	76	86	98	111	124	140



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	37	43	48	56	63	72	81	91	104	117	132
-23.75°	35	40	46	52	60	67	77	86	98	110	123
-25°	33	38	44	49	56	63	72	81	91	103	115
-26.25°	32	36	41	47	53	60	67	76	85	95	107
-27.5°	30	34	38	44	49	56	63	70	79	88	99
-28.75°	28	32	36	41	46	52	59	65	73	82	91
-30°	26	30	34	38	43	48	54	61	67	76	84
-31.25°	25	28	32	35	40	45	50	56	63	69	78
-32.5°	23	26	29	33	37	42	47	52	58	64	71
-33.75°	21	24	27	31	34	38	43	48	53	59	65
-35°	20	23	25	28	32	35	39	44	48	54	59
-36.25°	18	21	23	26	29	33	36	40	45	49	54
-37.5°	17	19	22	24	27	30	33	36	41	45	49
-38.75°	16	18	20	22	25	27	30	33	37	41	45
-40°	15	17	18	20	22	25	27	30	33	36	40
-41.25°	14	15	17	18	20	23	25	27	30	33	36
-42.5°	13	14	16	17	19	20	23	25	27	30	33
-43.75°	12	13	14	16	17	19	20	22	25	27	29
-45°	11	12	13	14	16	17	18	20	22	24	26
-46.25°	10	11	12	13	14	16	17	18	20	22	23
-47.5°	10	10	11	12	13	14	15	17	18	19	21
-48.75°	9	10	10	11	12	13	14	15	16	17	18
-50°	8	9	10	10	11	12	13	14	14	16	17
-51.25°	8	8	9	10	10	11	12	12	13	14	15
-52.5°	7	8	8	9	9	10	11	11	12	13	13
-53.75°	6	7	7	8	9	9	10	10	11	11	12
-55°	6	6	7	7	8	8	9	9	10	10	11
-56.25°	5	6	6	6	7	7	8	8	9	9	10
-57.5°	5	5	5	6	6	7	7	8	8	9	9
-58.75°	4	5	5	5	5	6	6	7	7	8	8
-60°	4	4	4	5	5	5	6	6	6	7	7
-61.25°	4	4	4	4	4	5	5	5	6	6	6
-62.5°	3	4	4	4	4	4	4	5	5	5	5
-63.75°	3	3	3	4	4	4	4	4	4	5	5
-65°	3	3	3	3	3	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	3	3	3
-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3	3
75°	2	2	3	3	3	3	3	3	3	3	3
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	4	4	4
68.75°	3	3	3	3	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	5	5
66.25°	4	4	4	4	4	5	5	5	5	5	5
65°	4	5	5	5	5	5	5	6	6	6	6
63.75°	5	5	5	6	6	6	6	7	7	7	7
62.5°	6	6	6	7	7	7	7	8	8	8	9
61.25°	7	7	7	8	8	8	9	9	9	9	10
60°	7	8	8	9	9	9	10	10	10	11	11
58.75°	8	9	9	10	10	10	11	11	12	12	12
57.5°	9	10	10	11	11	12	12	13	13	13	14
56.25°	10	11	11	12	13	13	14	14	15	15	16
55°	12	12	13	13	14	15	15	16	17	18	18
53.75°	13	13	14	15	16	17	17	18	19	20	21
52.5°	14	15	16	17	18	19	20	21	22	23	24
51.25°	16	17	18	19	20	22	23	24	25	27	28
50°	18	19	20	22	23	25	26	28	29	31	32
48.75°	20	21	23	25	26	28	30	32	33	35	37
47.5°	23	24	26	28	30	32	34	36	38	40	43
46.25°	25	27	29	32	34	36	38	41	44	46	48
45°	28	31	33	35	38	41	44	47	49	52	56
43.75°	32	34	37	40	43	46	49	53	56	60	63
42.5°	35	38	42	45	48	52	56	60	63	67	72
41.25°	39	43	47	50	54	59	63	67	72	77	81
40°	44	48	52	56	61	65	70	76	81	86	91
38.75°	48	53	58	63	67	73	79	85	91	98	104
37.5°	54	59	64	69	76	82	88	95	103	110	117
36.25°	59	65	71	78	84	91	99	107	115	123	132
35°	65	72	79	86	93	102	111	119	128	138	147



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	72	79	86	95	104	113	122	133	143	153	163
32.5°	79	86	95	105	114	124	136	147	158	170	182
31.25°	86	95	105	115	126	138	149	161	175	188	200
30°	93	104	114	126	138	151	163	178	192	205	221
28.75°	102	113	124	138	151	164	179	194	209	226	243
27.5°	111	122	136	149	163	179	195	211	229	247	264
26.25°	119	133	147	161	178	194	211	230	249	268	288
25°	128	143	158	175	192	209	229	249	269	291	312
23.75°	138	153	170	188	205	226	247	268	291	313	335
22.5°	147	163	182	200	221	243	264	288	312	335	360
21.25°	156	175	194	214	236	259	283	308	332	358	384
20°	166	186	205	228	251	275	301	327	354	381	406
18.75°	176	196	218	242	266	292	319	346	375	402	426
17.5°	186	206	230	255	281	308	336	365	394	421	446
16.25°	195	217	242	267	296	324	354	384	412	438	464
15°	203	228	253	281	309	339	370	401	428	455	480
13.75°	212	238	263	293	322	354	385	415	443	470	495
12.5°	220	247	274	304	335	367	400	429	457	484	508
11.25°	228	255	284	315	347	380	412	441	470	496	520
10°	235	262	293	324	358	391	422	452	481	506	531
8.75°	242	270	301	333	367	401	432	462	490	516	541
7.5°	247	277	308	341	376	409	440	471	498	524	550
6.25°	252	283	314	348	383	416	448	478	505	531	558
5°	256	287	319	354	389	422	454	484	511	537	564
3.75°	259	291	323	358	394	426	458	488	515	542	569
2.5°	261	294	326	361	397	430	461	491	518	545	573
1.25°	263	295	328	363	399	432	463	493	520	547	575
0°	263	296	328	364	400	432	464	493	521	548	576
-1.25°	263	295	328	363	399	432	463	493	520	547	575
-2.5°	261	294	326	361	397	430	461	491	518	545	573
-3.75°	259	291	323	358	394	426	458	488	515	542	569
-5°	256	287	319	354	389	422	454	484	511	537	564
-6.25°	252	283	314	348	383	416	448	478	505	531	558
-7.5°	247	277	308	341	376	409	440	471	498	524	550
-8.75°	242	270	301	333	367	401	432	462	490	516	541
-10°	235	262	293	324	358	391	422	452	481	506	531
-11.25°	228	255	284	315	347	380	412	441	470	496	520
-12.5°	220	247	274	304	335	367	400	429	457	484	508
-13.75°	212	238	263	293	322	354	385	415	443	470	495
-15°	203	228	253	281	309	339	370	401	428	455	480
-16.25°	195	217	242	267	296	324	354	384	412	438	464
-17.5°	186	206	230	255	281	308	336	365	394	421	446
-18.75°	176	196	218	242	266	292	319	346	375	402	426
-20°	166	186	205	228	251	275	301	327	354	381	406
-21.25°	156	175	194	214	236	259	283	308	332	358	384



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	147	163	182	200	221	243	264	288	312	335	360
-23.75°	138	153	170	188	205	226	247	268	291	313	335
-25°	128	143	158	175	192	209	229	249	269	291	312
-26.25°	119	133	147	161	178	194	211	230	249	268	288
-27.5°	111	122	136	149	163	179	195	211	229	247	264
-28.75°	102	113	124	138	151	164	179	194	209	226	243
-30°	93	104	114	126	138	151	163	178	192	205	221
-31.25°	86	95	105	115	126	138	149	161	175	188	200
-32.5°	79	86	95	105	114	124	136	147	158	170	182
-33.75°	72	79	86	95	104	113	122	133	143	153	163
-35°	65	72	79	86	93	102	111	119	128	138	147
-36.25°	59	65	71	78	84	91	99	107	115	123	132
-37.5°	54	59	64	69	76	82	88	95	103	110	117
-38.75°	48	53	58	63	67	73	79	85	91	98	104
-40°	44	48	52	56	61	65	70	76	81	86	91
-41.25°	39	43	47	50	54	59	63	67	72	77	81
-42.5°	35	38	42	45	48	52	56	60	63	67	72
-43.75°	32	34	37	40	43	46	49	53	56	60	63
-45°	28	31	33	35	38	41	44	47	49	52	56
-46.25°	25	27	29	32	34	36	38	41	44	46	48
-47.5°	23	24	26	28	30	32	34	36	38	40	43
-48.75°	20	21	23	25	26	28	30	32	33	35	37
-50°	18	19	20	22	23	25	26	28	29	31	32
-51.25°	16	17	18	19	20	22	23	24	25	27	28
-52.5°	14	15	16	17	18	19	20	21	22	23	24
-53.75°	13	13	14	15	16	17	17	18	19	20	21
-55°	12	12	13	13	14	15	15	16	17	18	18
-56.25°	10	11	11	12	13	13	14	14	15	15	16
-57.5°	9	10	10	11	11	12	12	13	13	13	14
-58.75°	8	9	9	10	10	10	11	11	12	12	12
-60°	7	8	8	9	9	9	10	10	10	11	11
-61.25°	7	7	7	8	8	8	9	9	9	9	10
-62.5°	6	6	6	7	7	7	7	8	8	8	9
-63.75°	5	5	5	6	6	6	6	7	7	7	7
-65°	4	5	5	5	5	5	5	6	6	6	6
-66.25°	4	4	4	4	4	5	5	5	5	5	5
-67.5°	4	4	4	4	4	4	4	4	4	5	5
-68.75°	3	3	3	3	4	4	4	4	4	4	4
-70°	3	3	3	3	3	3	3	3	4	4	4
-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	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	2	2	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	3	3	3	3	3	3	3	3	3
75°	3	3	3	3	3	3	3	3	3	3	3
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	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	5	5	5	5	5	5
67.5°	5	5	5	5	5	5	5	5	6	6	6
66.25°	6	6	6	6	6	6	6	6	7	7	7
65°	6	7	7	7	7	7	8	8	8	8	8
63.75°	8	8	8	8	8	9	9	9	9	9	9
62.5°	9	9	9	9	10	10	10	10	10	10	10
61.25°	10	10	10	11	11	11	11	11	12	12	12
60°	11	12	12	12	12	13	13	13	13	14	14
58.75°	13	13	13	14	14	14	15	15	15	16	16
57.5°	14	15	15	16	16	17	17	17	18	18	18
56.25°	17	17	18	18	19	19	20	20	21	21	22
55°	19	20	20	21	22	23	23	24	24	25	25
53.75°	22	23	24	25	25	26	27	28	28	29	30
52.5°	25	26	28	29	30	31	32	33	33	34	35
51.25°	29	31	32	33	34	35	36	38	39	40	41
50°	34	35	37	38	40	41	43	44	45	46	47
48.75°	39	41	43	44	46	48	49	50	52	53	55
47.5°	45	47	49	51	53	55	57	59	60	62	63
46.25°	51	54	56	59	61	63	65	67	69	71	73
45°	59	61	64	67	70	73	76	78	81	83	85
43.75°	66	70	74	77	81	84	87	89	92	95	98
42.5°	76	80	84	88	92	96	100	104	107	110	113
41.25°	86	90	96	101	106	110	114	118	122	126	129
40°	98	104	109	115	120	125	131	136	140	144	148
38.75°	111	117	123	130	137	143	148	154	158	163	168
37.5°	124	132	140	147	154	160	168	174	180	186	191
36.25°	140	149	157	165	174	182	189	196	202	208	215
35°	156	166	176	186	195	203	212	220	228	235	242



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	175	186	196	206	217	228	238	247	255	262	270
32.5°	194	205	218	230	242	253	263	274	284	293	301
31.25°	214	228	242	255	267	281	293	304	315	324	333
30°	236	251	266	281	296	309	322	335	347	358	367
28.75°	259	275	292	308	324	339	354	367	380	391	401
27.5°	283	301	319	336	354	370	385	400	412	422	432
26.25°	308	327	346	365	384	401	415	429	441	452	462
25°	332	354	375	394	412	428	443	457	470	481	490
23.75°	358	381	402	421	438	455	470	484	496	506	516
22.5°	384	406	426	446	464	480	495	508	520	531	541
21.25°	408	429	450	470	487	503	518	531	544	556	567
20°	429	452	473	491	509	525	540	555	569	581	593
18.75°	450	473	493	511	529	546	562	578	593	606	619
17.5°	470	491	511	530	549	567	585	601	617	631	644
16.25°	487	509	529	549	569	588	606	624	640	655	670
15°	503	525	546	567	588	608	627	646	663	680	695
13.75°	518	540	562	585	606	627	648	667	686	704	721
12.5°	531	555	578	601	624	646	667	688	709	728	746
11.25°	544	569	593	617	640	663	686	709	731	750	766
10°	556	581	606	631	655	680	704	728	750	768	785
8.75°	567	593	619	644	670	695	721	746	766	785	801
7.5°	577	603	630	656	682	710	736	760	780	799	815
6.25°	585	612	639	666	694	722	749	771	792	811	828
5°	592	619	647	675	704	732	758	781	802	821	838
3.75°	597	625	653	682	711	740	766	789	810	829	846
2.5°	601	630	658	687	717	746	771	794	815	834	852
1.25°	603	632	660	690	720	749	774	797	819	838	855
0°	604	633	661	691	721	751	775	798	820	839	856
-1.25°	603	632	660	690	720	749	774	797	819	838	855
-2.5°	601	630	658	687	717	746	771	794	815	834	852
-3.75°	597	625	653	682	711	740	766	789	810	829	846
-5°	592	619	647	675	704	732	758	781	802	821	838
-6.25°	585	612	639	666	694	722	749	771	792	811	828
-7.5°	577	603	630	656	682	710	736	760	780	799	815
-8.75°	567	593	619	644	670	695	721	746	766	785	801
-10°	556	581	606	631	655	680	704	728	750	768	785
-11.25°	544	569	593	617	640	663	686	709	731	750	766
-12.5°	531	555	578	601	624	646	667	688	709	728	746
-13.75°	518	540	562	585	606	627	648	667	686	704	721
-15°	503	525	546	567	588	608	627	646	663	680	695
-16.25°	487	509	529	549	569	588	606	624	640	655	670
-17.5°	470	491	511	530	549	567	585	601	617	631	644
-18.75°	450	473	493	511	529	546	562	578	593	606	619
-20°	429	452	473	491	509	525	540	555	569	581	593
-21.25°	408	429	450	470	487	503	518	531	544	556	567



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	384	406	426	446	464	480	495	508	520	531	541
-23.75°	358	381	402	421	438	455	470	484	496	506	516
-25°	332	354	375	394	412	428	443	457	470	481	490
-26.25°	308	327	346	365	384	401	415	429	441	452	462
-27.5°	283	301	319	336	354	370	385	400	412	422	432
-28.75°	259	275	292	308	324	339	354	367	380	391	401
-30°	236	251	266	281	296	309	322	335	347	358	367
-31.25°	214	228	242	255	267	281	293	304	315	324	333
-32.5°	194	205	218	230	242	253	263	274	284	293	301
-33.75°	175	186	196	206	217	228	238	247	255	262	270
-35°	156	166	176	186	195	203	212	220	228	235	242
-36.25°	140	149	157	165	174	182	189	196	202	208	215
-37.5°	124	132	140	147	154	160	168	174	180	186	191
-38.75°	111	117	123	130	137	143	148	154	158	163	168
-40°	98	104	109	115	120	125	131	136	140	144	148
-41.25°	86	90	96	101	106	110	114	118	122	126	129
-42.5°	76	80	84	88	92	96	100	104	107	110	113
-43.75°	66	70	74	77	81	84	87	89	92	95	98
-45°	59	61	64	67	70	73	76	78	81	83	85
-46.25°	51	54	56	59	61	63	65	67	69	71	73
-47.5°	45	47	49	51	53	55	57	59	60	62	63
-48.75°	39	41	43	44	46	48	49	50	52	53	55
-50°	34	35	37	38	40	41	43	44	45	46	47
-51.25°	29	31	32	33	34	35	36	38	39	40	41
-52.5°	25	26	28	29	30	31	32	33	33	34	35
-53.75°	22	23	24	25	25	26	27	28	28	29	30
-55°	19	20	20	21	22	23	23	24	24	25	25
-56.25°	17	17	18	18	19	19	20	20	21	21	22
-57.5°	14	15	15	16	16	17	17	17	18	18	18
-58.75°	13	13	13	14	14	14	15	15	15	16	16
-60°	11	12	12	12	12	13	13	13	13	14	14
-61.25°	10	10	10	11	11	11	11	11	12	12	12
-62.5°	9	9	9	9	10	10	10	10	10	10	10
-63.75°	8	8	8	8	8	9	9	9	9	9	9
-65°	6	7	7	7	7	7	8	8	8	8	8
-66.25°	6	6	6	6	6	6	6	6	7	7	7
-67.5°	5	5	5	5	5	5	5	5	6	6	6
-68.75°	4	4	4	4	4	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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	3	2	2	2	2
76.25°	3	3	3	3	3	3	3	3	3	3	3
75°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	5	5	5
67.5°	6	6	6	6	6	6	6	6	6	6	6
66.25°	7	7	7	7	7	7	7	7	7	7	7
65°	8	8	8	8	8	8	8	8	8	8	8
63.75°	9	9	9	9	10	10	10	10	10	9	9
62.5°	11	11	11	11	11	11	11	11	11	11	11
61.25°	12	12	12	12	12	12	13	12	12	12	12
60°	14	14	14	14	14	14	14	14	14	14	14
58.75°	16	16	16	17	17	17	17	17	17	17	16
57.5°	19	19	19	19	19	19	19	19	19	19	19
56.25°	22	22	23	23	23	23	23	23	23	23	23
55°	26	26	26	26	27	27	27	27	27	26	26
53.75°	30	31	31	31	32	32	32	32	32	31	31
52.5°	35	36	36	36	37	37	37	37	37	36	36
51.25°	41	42	42	43	43	43	43	43	43	43	42
50°	48	48	49	49	50	50	50	50	50	49	49
48.75°	56	57	57	58	58	59	59	59	58	58	57
47.5°	64	65	66	67	67	67	68	67	67	67	66
46.25°	75	76	77	78	79	79	79	79	79	78	77
45°	86	88	89	90	90	91	91	91	90	90	89
43.75°	100	102	103	105	105	106	106	106	105	105	103
42.5°	115	117	119	120	121	121	122	121	121	120	119
41.25°	132	135	137	139	140	141	141	141	140	139	137
40°	151	154	156	158	159	160	160	160	159	158	156
38.75°	172	175	178	180	182	183	183	183	182	180	178
37.5°	195	198	201	204	205	206	207	206	205	204	201
36.25°	220	224	228	231	233	234	235	234	233	231	228
35°	247	252	256	259	261	263	263	263	261	259	256



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	277	283	287	291	294	295	296	295	294	291	287
32.5°	308	314	319	323	326	328	328	328	326	323	319
31.25°	341	348	354	358	361	363	364	363	361	358	354
30°	376	383	389	394	397	399	400	399	397	394	389
28.75°	409	416	422	426	430	432	432	432	430	426	422
27.5°	440	448	454	458	461	463	464	463	461	458	454
26.25°	471	478	484	488	491	493	493	493	491	488	484
25°	498	505	511	515	518	520	521	520	518	515	511
23.75°	524	531	537	542	545	547	548	547	545	542	537
22.5°	550	558	564	569	573	575	576	575	573	569	564
21.25°	577	585	592	597	601	603	604	603	601	597	592
20°	603	612	619	625	630	632	633	632	630	625	619
18.75°	630	639	647	653	658	660	661	660	658	653	647
17.5°	656	666	675	682	687	690	691	690	687	682	675
16.25°	682	694	704	711	717	720	721	720	717	711	704
15°	710	722	732	740	746	749	751	749	746	740	732
13.75°	736	749	758	766	771	774	775	774	771	766	758
12.5°	760	771	781	789	794	797	798	797	794	789	781
11.25°	780	792	802	810	815	819	820	819	815	810	802
10°	799	811	821	829	834	838	839	838	834	829	821
8.75°	815	828	838	846	852	855	856	855	852	846	838
7.5°	830	842	853	860	865	867	868	867	865	860	853
6.25°	842	855	865	869	872	872	873	872	872	869	865
5°	853	865	871	873	872	871	871	871	872	873	871
3.75°	860	869	873	871	868	864	863	864	868	871	873
2.5°	865	872	872	868	862	857	855	857	862	868	872
1.25°	867	872	871	864	857	852	852	852	857	864	871
0°	868	873	871	863	855	852	855	852	855	863	871
-1.25°	867	872	871	864	857	852	852	852	857	864	871
-2.5°	865	872	872	868	862	857	855	857	862	868	872
-3.75°	860	869	873	871	868	864	863	864	868	871	873
-5°	853	865	871	873	872	871	871	871	872	873	871
-6.25°	842	855	865	869	872	872	873	872	872	869	865
-7.5°	830	842	853	860	865	867	868	867	865	860	853
-8.75°	815	828	838	846	852	855	856	855	852	846	838
-10°	799	811	821	829	834	838	839	838	834	829	821
-11.25°	780	792	802	810	815	819	820	819	815	810	802
-12.5°	760	771	781	789	794	797	798	797	794	789	781
-13.75°	736	749	758	766	771	774	775	774	771	766	758
-15°	710	722	732	740	746	749	751	749	746	740	732
-16.25°	682	694	704	711	717	720	721	720	717	711	704
-17.5°	656	666	675	682	687	690	691	690	687	682	675
-18.75°	630	639	647	653	658	660	661	660	658	653	647
-20°	603	612	619	625	630	632	633	632	630	625	619
-21.25°	577	585	592	597	601	603	604	603	601	597	592



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	550	558	564	569	573	575	576	575	573	569	564
-23.75°	524	531	537	542	545	547	548	547	545	542	537
-25°	498	505	511	515	518	520	521	520	518	515	511
-26.25°	471	478	484	488	491	493	493	493	491	488	484
-27.5°	440	448	454	458	461	463	464	463	461	458	454
-28.75°	409	416	422	426	430	432	432	432	430	426	422
-30°	376	383	389	394	397	399	400	399	397	394	389
-31.25°	341	348	354	358	361	363	364	363	361	358	354
-32.5°	308	314	319	323	326	328	328	328	326	323	319
-33.75°	277	283	287	291	294	295	296	295	294	291	287
-35°	247	252	256	259	261	263	263	263	261	259	256
-36.25°	220	224	228	231	233	234	235	234	233	231	228
-37.5°	195	198	201	204	205	206	207	206	205	204	201
-38.75°	172	175	178	180	182	183	183	183	182	180	178
-40°	151	154	156	158	159	160	160	160	159	158	156
-41.25°	132	135	137	139	140	141	141	141	140	139	137
-42.5°	115	117	119	120	121	121	122	121	121	120	119
-43.75°	100	102	103	105	105	106	106	106	105	105	103
-45°	86	88	89	90	90	91	91	91	90	90	89
-46.25°	75	76	77	78	79	79	79	79	79	78	77
-47.5°	64	65	66	67	67	67	68	67	67	67	66
-48.75°	56	57	57	58	58	59	59	59	58	58	57
-50°	48	48	49	49	50	50	50	50	50	49	49
-51.25°	41	42	42	43	43	43	43	43	43	43	42
-52.5°	35	36	36	36	37	37	37	37	37	36	36
-53.75°	30	31	31	31	32	32	32	32	32	31	31
-55°	26	26	26	26	27	27	27	27	27	26	26
-56.25°	22	22	23	23	23	23	23	23	23	23	23
-57.5°	19	19	19	19	19	19	19	19	19	19	19
-58.75°	16	16	16	17	17	17	17	17	17	17	16
-60°	14	14	14	14	14	14	14	14	14	14	14
-61.25°	12	12	12	12	12	12	13	12	12	12	12
-62.5°	11	11	11	11	11	11	11	11	11	11	11
-63.75°	9	9	9	9	10	10	10	10	10	9	9
-65°	8	8	8	8	8	8	8	8	8	8	8
-66.25°	7	7	7	7	7	7	7	7	7	7	7
-67.5°	6	6	6	6	6	6	6	6	6	6	6
-68.75°	5	5	5	5	5	5	5	5	5	5	5
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	3	2	2	2	2



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	3	3	3	3	3	3	3	3	3
75°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	5	5	5	5	5	5	5	5	4	4	4
67.5°	6	6	6	6	6	5	5	5	5	5	5
66.25°	7	7	7	7	7	6	6	6	6	6	6
65°	8	8	8	8	8	8	8	7	7	7	7
63.75°	9	9	9	9	9	9	9	9	8	8	8
62.5°	11	11	10	10	10	10	10	10	10	9	9
61.25°	12	12	12	12	12	11	11	11	11	11	10
60°	14	14	14	14	13	13	13	13	12	12	12
58.75°	16	16	16	16	15	15	15	14	14	14	13
57.5°	19	19	18	18	18	17	17	17	16	16	15
56.25°	22	22	22	21	21	20	20	19	19	18	18
55°	26	26	25	25	24	24	23	23	22	21	20
53.75°	31	30	30	29	28	28	27	26	25	25	24
52.5°	36	35	35	34	33	33	32	31	30	29	28
51.25°	42	41	41	40	39	38	36	35	34	33	32
50°	48	48	47	46	45	44	43	41	40	38	37
48.75°	57	56	55	53	52	50	49	48	46	44	43
47.5°	65	64	63	62	60	59	57	55	53	51	49
46.25°	76	75	73	71	69	67	65	63	61	59	56
45°	88	86	85	83	81	78	76	73	70	67	64
43.75°	102	100	98	95	92	89	87	84	81	77	74
42.5°	117	115	113	110	107	104	100	96	92	88	84
41.25°	135	132	129	126	122	118	114	110	106	101	96
40°	154	151	148	144	140	136	131	125	120	115	109
38.75°	175	172	168	163	158	154	148	143	137	130	123
37.5°	198	195	191	186	180	174	168	160	154	147	140
36.25°	224	220	215	208	202	196	189	182	174	165	157
35°	252	247	242	235	228	220	212	203	195	186	176



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	283	277	270	262	255	247	238	228	217	206	196
32.5°	314	308	301	293	284	274	263	253	242	230	218
31.25°	348	341	333	324	315	304	293	281	267	255	242
30°	383	376	367	358	347	335	322	309	296	281	266
28.75°	416	409	401	391	380	367	354	339	324	308	292
27.5°	448	440	432	422	412	400	385	370	354	336	319
26.25°	478	471	462	452	441	429	415	401	384	365	346
25°	505	498	490	481	470	457	443	428	412	394	375
23.75°	531	524	516	506	496	484	470	455	438	421	402
22.5°	558	550	541	531	520	508	495	480	464	446	426
21.25°	585	577	567	556	544	531	518	503	487	470	450
20°	612	603	593	581	569	555	540	525	509	491	473
18.75°	639	630	619	606	593	578	562	546	529	511	493
17.5°	666	656	644	631	617	601	585	567	549	530	511
16.25°	694	682	670	655	640	624	606	588	569	549	529
15°	722	710	695	680	663	646	627	608	588	567	546
13.75°	749	736	721	704	686	667	648	627	606	585	562
12.5°	771	760	746	728	709	688	667	646	624	601	578
11.25°	792	780	766	750	731	709	686	663	640	617	593
10°	811	799	785	768	750	728	704	680	655	631	606
8.75°	828	815	801	785	766	746	721	695	670	644	619
7.5°	842	830	815	799	780	760	736	710	682	656	630
6.25°	855	842	828	811	792	771	749	722	694	666	639
5°	865	853	838	821	802	781	758	732	704	675	647
3.75°	869	860	846	829	810	789	766	740	711	682	653
2.5°	872	865	852	834	815	794	771	746	717	687	658
1.25°	872	867	855	838	819	797	774	749	720	690	660
0°	873	868	856	839	820	798	775	751	721	691	661
-1.25°	872	867	855	838	819	797	774	749	720	690	660
-2.5°	872	865	852	834	815	794	771	746	717	687	658
-3.75°	869	860	846	829	810	789	766	740	711	682	653
-5°	865	853	838	821	802	781	758	732	704	675	647
-6.25°	855	842	828	811	792	771	749	722	694	666	639
-7.5°	842	830	815	799	780	760	736	710	682	656	630
-8.75°	828	815	801	785	766	746	721	695	670	644	619
-10°	811	799	785	768	750	728	704	680	655	631	606
-11.25°	792	780	766	750	731	709	686	663	640	617	593
-12.5°	771	760	746	728	709	688	667	646	624	601	578
-13.75°	749	736	721	704	686	667	648	627	606	585	562
-15°	722	710	695	680	663	646	627	608	588	567	546
-16.25°	694	682	670	655	640	624	606	588	569	549	529
-17.5°	666	656	644	631	617	601	585	567	549	530	511
-18.75°	639	630	619	606	593	578	562	546	529	511	493
-20°	612	603	593	581	569	555	540	525	509	491	473
-21.25°	585	577	567	556	544	531	518	503	487	470	450



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	558	550	541	531	520	508	495	480	464	446	426
-23.75°	531	524	516	506	496	484	470	455	438	421	402
-25°	505	498	490	481	470	457	443	428	412	394	375
-26.25°	478	471	462	452	441	429	415	401	384	365	346
-27.5°	448	440	432	422	412	400	385	370	354	336	319
-28.75°	416	409	401	391	380	367	354	339	324	308	292
-30°	383	376	367	358	347	335	322	309	296	281	266
-31.25°	348	341	333	324	315	304	293	281	267	255	242
-32.5°	314	308	301	293	284	274	263	253	242	230	218
-33.75°	283	277	270	262	255	247	238	228	217	206	196
-35°	252	247	242	235	228	220	212	203	195	186	176
-36.25°	224	220	215	208	202	196	189	182	174	165	157
-37.5°	198	195	191	186	180	174	168	160	154	147	140
-38.75°	175	172	168	163	158	154	148	143	137	130	123
-40°	154	151	148	144	140	136	131	125	120	115	109
-41.25°	135	132	129	126	122	118	114	110	106	101	96
-42.5°	117	115	113	110	107	104	100	96	92	88	84
-43.75°	102	100	98	95	92	89	87	84	81	77	74
-45°	88	86	85	83	81	78	76	73	70	67	64
-46.25°	76	75	73	71	69	67	65	63	61	59	56
-47.5°	65	64	63	62	60	59	57	55	53	51	49
-48.75°	57	56	55	53	52	50	49	48	46	44	43
-50°	48	48	47	46	45	44	43	41	40	38	37
-51.25°	42	41	41	40	39	38	36	35	34	33	32
-52.5°	36	35	35	34	33	33	32	31	30	29	28
-53.75°	31	30	30	29	28	28	27	26	25	25	24
-55°	26	26	25	25	24	24	23	23	22	21	20
-56.25°	22	22	22	21	21	20	20	19	19	18	18
-57.5°	19	19	18	18	18	17	17	17	16	16	15
-58.75°	16	16	16	16	15	15	15	14	14	14	13
-60°	14	14	14	14	13	13	13	13	12	12	12
-61.25°	12	12	12	12	12	11	11	11	11	11	10
-62.5°	11	11	10	10	10	10	10	10	10	9	9
-63.75°	9	9	9	9	9	9	9	9	8	8	8
-65°	8	8	8	8	8	8	8	7	7	7	7
-66.25°	7	7	7	7	7	6	6	6	6	6	6
-67.5°	6	6	6	6	6	5	5	5	5	5	5
-68.75°	5	5	5	5	5	5	5	5	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	3	3	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	4	3	3
67.5°	5	5	5	5	4	4	4	4	4	4	4
66.25°	6	6	5	5	5	5	5	5	4	4	4
65°	7	6	6	6	6	6	5	5	5	5	5
63.75°	8	8	7	7	7	7	6	6	6	6	5
62.5°	9	9	9	8	8	8	7	7	7	7	6
61.25°	10	10	10	9	9	9	9	8	8	8	7
60°	12	11	11	11	10	10	10	9	9	9	8
58.75°	13	13	12	12	12	11	11	10	10	10	9
57.5°	15	14	14	13	13	13	12	12	11	11	10
56.25°	17	17	16	15	15	14	14	13	13	12	11
55°	20	19	18	18	17	16	15	15	14	13	13
53.75°	23	22	21	20	19	18	17	17	16	15	14
52.5°	26	25	24	23	22	21	20	19	18	17	16
51.25°	31	29	28	27	25	24	23	22	20	19	18
50°	35	34	32	31	29	28	26	25	23	22	20
48.75°	41	39	37	35	33	32	30	28	26	25	23
47.5°	47	45	43	40	38	36	34	32	30	28	26
46.25°	54	51	48	46	44	41	38	36	34	32	29
45°	61	59	56	52	49	47	44	41	38	35	33
43.75°	70	66	63	60	56	53	49	46	43	40	37
42.5°	80	76	72	67	63	60	56	52	48	45	42
41.25°	90	86	81	77	72	67	63	59	54	50	47
40°	104	98	91	86	81	76	70	65	61	56	52
38.75°	117	111	104	98	91	85	79	73	67	63	58
37.5°	132	124	117	110	103	95	88	82	76	69	64
36.25°	149	140	132	123	115	107	99	91	84	78	71
35°	166	156	147	138	128	119	111	102	93	86	79



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	186	175	163	153	143	133	122	113	104	95	86
32.5°	205	194	182	170	158	147	136	124	114	105	95
31.25°	228	214	200	188	175	161	149	138	126	115	105
30°	251	236	221	205	192	178	163	151	138	126	114
28.75°	275	259	243	226	209	194	179	164	151	138	124
27.5°	301	283	264	247	229	211	195	179	163	149	136
26.25°	327	308	288	268	249	230	211	194	178	161	147
25°	354	332	312	291	269	249	229	209	192	175	158
23.75°	381	358	335	313	291	268	247	226	205	188	170
22.5°	406	384	360	335	312	288	264	243	221	200	182
21.25°	429	408	384	358	332	308	283	259	236	214	194
20°	452	429	406	381	354	327	301	275	251	228	205
18.75°	473	450	426	402	375	346	319	292	266	242	218
17.5°	491	470	446	421	394	365	336	308	281	255	230
16.25°	509	487	464	438	412	384	354	324	296	267	242
15°	525	503	480	455	428	401	370	339	309	281	253
13.75°	540	518	495	470	443	415	385	354	322	293	263
12.5°	555	531	508	484	457	429	400	367	335	304	274
11.25°	569	544	520	496	470	441	412	380	347	315	284
10°	581	556	531	506	481	452	422	391	358	324	293
8.75°	593	567	541	516	490	462	432	401	367	333	301
7.5°	603	577	550	524	498	471	440	409	376	341	308
6.25°	612	585	558	531	505	478	448	416	383	348	314
5°	619	592	564	537	511	484	454	422	389	354	319
3.75°	625	597	569	542	515	488	458	426	394	358	323
2.5°	630	601	573	545	518	491	461	430	397	361	326
1.25°	632	603	575	547	520	493	463	432	399	363	328
0°	633	604	576	548	521	493	464	432	400	364	328
-1.25°	632	603	575	547	520	493	463	432	399	363	328
-2.5°	630	601	573	545	518	491	461	430	397	361	326
-3.75°	625	597	569	542	515	488	458	426	394	358	323
-5°	619	592	564	537	511	484	454	422	389	354	319
-6.25°	612	585	558	531	505	478	448	416	383	348	314
-7.5°	603	577	550	524	498	471	440	409	376	341	308
-8.75°	593	567	541	516	490	462	432	401	367	333	301
-10°	581	556	531	506	481	452	422	391	358	324	293
-11.25°	569	544	520	496	470	441	412	380	347	315	284
-12.5°	555	531	508	484	457	429	400	367	335	304	274
-13.75°	540	518	495	470	443	415	385	354	322	293	263
-15°	525	503	480	455	428	401	370	339	309	281	253
-16.25°	509	487	464	438	412	384	354	324	296	267	242
-17.5°	491	470	446	421	394	365	336	308	281	255	230
-18.75°	473	450	426	402	375	346	319	292	266	242	218
-20°	452	429	406	381	354	327	301	275	251	228	205
-21.25°	429	408	384	358	332	308	283	259	236	214	194



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	406	384	360	335	312	288	264	243	221	200	182
-23.75°	381	358	335	313	291	268	247	226	205	188	170
-25°	354	332	312	291	269	249	229	209	192	175	158
-26.25°	327	308	288	268	249	230	211	194	178	161	147
-27.5°	301	283	264	247	229	211	195	179	163	149	136
-28.75°	275	259	243	226	209	194	179	164	151	138	124
-30°	251	236	221	205	192	178	163	151	138	126	114
-31.25°	228	214	200	188	175	161	149	138	126	115	105
-32.5°	205	194	182	170	158	147	136	124	114	105	95
-33.75°	186	175	163	153	143	133	122	113	104	95	86
-35°	166	156	147	138	128	119	111	102	93	86	79
-36.25°	149	140	132	123	115	107	99	91	84	78	71
-37.5°	132	124	117	110	103	95	88	82	76	69	64
-38.75°	117	111	104	98	91	85	79	73	67	63	58
-40°	104	98	91	86	81	76	70	65	61	56	52
-41.25°	90	86	81	77	72	67	63	59	54	50	47
-42.5°	80	76	72	67	63	60	56	52	48	45	42
-43.75°	70	66	63	60	56	53	49	46	43	40	37
-45°	61	59	56	52	49	47	44	41	38	35	33
-46.25°	54	51	48	46	44	41	38	36	34	32	29
-47.5°	47	45	43	40	38	36	34	32	30	28	26
-48.75°	41	39	37	35	33	32	30	28	26	25	23
-50°	35	34	32	31	29	28	26	25	23	22	20
-51.25°	31	29	28	27	25	24	23	22	20	19	18
-52.5°	26	25	24	23	22	21	20	19	18	17	16
-53.75°	23	22	21	20	19	18	17	17	16	15	14
-55°	20	19	18	18	17	16	15	15	14	13	13
-56.25°	17	17	16	15	15	14	14	13	13	12	11
-57.5°	15	14	14	13	13	13	12	12	11	11	10
-58.75°	13	13	12	12	12	11	11	10	10	10	9
-60°	12	11	11	11	10	10	10	9	9	9	8
-61.25°	10	10	10	9	9	9	9	8	8	8	7
-62.5°	9	9	9	8	8	8	7	7	7	7	6
-63.75°	8	8	7	7	7	7	6	6	6	6	5
-65°	7	6	6	6	6	6	5	5	5	5	5
-66.25°	6	6	5	5	5	5	5	5	4	4	4
-67.5°	5	5	5	5	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	3	3
-70°	4	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	3	3	3	3	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	3	3	3	3	3	3
65°	5	4	4	4	4	4	4	4	3	3	3
63.75°	5	5	5	5	4	4	4	4	4	4	3
62.5°	6	6	5	5	5	5	4	4	4	4	4
61.25°	7	7	6	6	6	5	5	5	4	4	4
60°	8	7	7	7	6	6	6	5	5	5	4
58.75°	9	8	8	8	7	7	6	6	5	5	5
57.5°	10	9	9	9	8	8	7	7	6	6	5
56.25°	11	10	10	9	9	8	8	7	7	6	6
55°	12	12	11	10	10	9	9	8	8	7	7
53.75°	13	13	12	11	11	10	10	9	9	8	7
52.5°	15	14	13	13	12	11	11	10	9	9	8
51.25°	17	16	15	14	13	12	12	11	10	10	9
50°	19	18	17	16	14	14	13	12	11	10	10
48.75°	21	20	18	17	16	15	14	13	12	11	10
47.5°	24	23	21	19	18	17	15	14	13	12	11
46.25°	27	25	23	22	20	18	17	16	14	13	12
45°	31	28	26	24	22	20	18	17	16	14	13
43.75°	34	32	29	27	25	22	20	19	17	16	14
42.5°	38	35	33	30	27	25	23	20	19	17	16
41.25°	43	39	36	33	30	27	25	23	20	18	17
40°	48	44	40	36	33	30	27	25	22	20	18
38.75°	53	48	45	41	37	33	30	27	25	22	20
37.5°	59	54	49	45	41	36	33	30	27	24	22
36.25°	65	59	54	49	45	40	36	33	29	26	23
35°	72	65	59	54	48	44	39	35	32	28	25



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	79	72	65	59	53	48	43	38	34	31	27
32.5°	86	79	71	64	58	52	47	42	37	33	29
31.25°	95	86	78	69	63	56	50	45	40	35	32
30°	104	93	84	76	67	61	54	48	43	38	34
28.75°	113	102	91	82	73	65	59	52	46	41	36
27.5°	122	111	99	88	79	70	63	56	49	44	38
26.25°	133	119	107	95	85	76	67	60	53	47	41
25°	143	128	115	103	91	81	72	63	56	49	44
23.75°	153	138	123	110	98	86	77	67	60	52	46
22.5°	163	147	132	117	104	91	81	72	63	56	48
21.25°	175	156	140	124	111	98	86	76	66	59	51
20°	186	166	149	132	117	104	90	80	70	61	54
18.75°	196	176	157	140	123	109	96	84	74	64	56
17.5°	206	186	165	147	130	115	101	88	77	67	59
16.25°	217	195	174	154	137	120	106	92	81	70	61
15°	228	203	182	160	143	125	110	96	84	73	63
13.75°	238	212	189	168	148	131	114	100	87	76	65
12.5°	247	220	196	174	154	136	118	104	89	78	67
11.25°	255	228	202	180	158	140	122	107	92	81	69
10°	262	235	208	186	163	144	126	110	95	83	71
8.75°	270	242	215	191	168	148	129	113	98	85	73
7.5°	277	247	220	195	172	151	132	115	100	86	75
6.25°	283	252	224	198	175	154	135	117	102	88	76
5°	287	256	228	201	178	156	137	119	103	89	77
3.75°	291	259	231	204	180	158	139	120	105	90	78
2.5°	294	261	233	205	182	159	140	121	105	90	79
1.25°	295	263	234	206	183	160	141	121	106	91	79
0°	296	263	235	207	183	160	141	122	106	91	79
-1.25°	295	263	234	206	183	160	141	121	106	91	79
-2.5°	294	261	233	205	182	159	140	121	105	90	79
-3.75°	291	259	231	204	180	158	139	120	105	90	78
-5°	287	256	228	201	178	156	137	119	103	89	77
-6.25°	283	252	224	198	175	154	135	117	102	88	76
-7.5°	277	247	220	195	172	151	132	115	100	86	75
-8.75°	270	242	215	191	168	148	129	113	98	85	73
-10°	262	235	208	186	163	144	126	110	95	83	71
-11.25°	255	228	202	180	158	140	122	107	92	81	69
-12.5°	247	220	196	174	154	136	118	104	89	78	67
-13.75°	238	212	189	168	148	131	114	100	87	76	65
-15°	228	203	182	160	143	125	110	96	84	73	63
-16.25°	217	195	174	154	137	120	106	92	81	70	61
-17.5°	206	186	165	147	130	115	101	88	77	67	59
-18.75°	196	176	157	140	123	109	96	84	74	64	56
-20°	186	166	149	132	117	104	90	80	70	61	54
-21.25°	175	156	140	124	111	98	86	76	66	59	51



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	163	147	132	117	104	91	81	72	63	56	48
-23.75°	153	138	123	110	98	86	77	67	60	52	46
-25°	143	128	115	103	91	81	72	63	56	49	44
-26.25°	133	119	107	95	85	76	67	60	53	47	41
-27.5°	122	111	99	88	79	70	63	56	49	44	38
-28.75°	113	102	91	82	73	65	59	52	46	41	36
-30°	104	93	84	76	67	61	54	48	43	38	34
-31.25°	95	86	78	69	63	56	50	45	40	35	32
-32.5°	86	79	71	64	58	52	47	42	37	33	29
-33.75°	79	72	65	59	53	48	43	38	34	31	27
-35°	72	65	59	54	48	44	39	35	32	28	25
-36.25°	65	59	54	49	45	40	36	33	29	26	23
-37.5°	59	54	49	45	41	36	33	30	27	24	22
-38.75°	53	48	45	41	37	33	30	27	25	22	20
-40°	48	44	40	36	33	30	27	25	22	20	18
-41.25°	43	39	36	33	30	27	25	23	20	18	17
-42.5°	38	35	33	30	27	25	23	20	19	17	16
-43.75°	34	32	29	27	25	22	20	19	17	16	14
-45°	31	28	26	24	22	20	18	17	16	14	13
-46.25°	27	25	23	22	20	18	17	16	14	13	12
-47.5°	24	23	21	19	18	17	15	14	13	12	11
-48.75°	21	20	18	17	16	15	14	13	12	11	10
-50°	19	18	17	16	14	14	13	12	11	10	10
-51.25°	17	16	15	14	13	12	12	11	10	10	9
-52.5°	15	14	13	13	12	11	11	10	9	9	8
-53.75°	13	13	12	11	11	10	10	9	9	8	7
-55°	12	12	11	10	10	9	9	8	8	7	7
-56.25°	11	10	10	9	9	8	8	7	7	6	6
-57.5°	10	9	9	9	8	8	7	7	6	6	5
-58.75°	9	8	8	8	7	7	6	6	5	5	5
-60°	8	7	7	7	6	6	6	5	5	5	4
-61.25°	7	7	6	6	6	5	5	5	4	4	4
-62.5°	6	6	5	5	5	5	4	4	4	4	4
-63.75°	5	5	5	5	4	4	4	4	4	4	3
-65°	5	4	4	4	4	4	4	4	3	3	3
-66.25°	4	4	4	4	4	3	3	3	3	3	3
-67.5°	4	4	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	2	2
-73.75°	3	3	3	3	3	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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	2	2	2	2	2	2	2	2	2	1
70°	3	3	3	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	2	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	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	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	3	3	3	3	3	3	3
58.75°	5	4	4	4	4	3	3	3	3	3	3
57.5°	5	5	4	4	4	4	3	3	3	3	3
56.25°	6	5	5	4	4	4	4	3	3	3	3
55°	6	6	5	5	4	4	4	4	3	3	3
53.75°	7	6	6	5	5	4	4	4	4	3	3
52.5°	8	7	6	6	5	5	4	4	4	4	3
51.25°	8	8	7	6	6	5	5	4	4	4	4
50°	9	8	8	7	6	6	5	5	4	4	4
48.75°	10	9	8	8	7	6	6	5	5	4	4
47.5°	10	10	9	8	8	7	6	6	5	5	4
46.25°	11	10	10	9	8	7	7	6	5	5	4
45°	12	11	10	10	9	8	7	6	6	5	5
43.75°	13	12	11	10	9	9	8	7	6	5	5
42.5°	14	13	12	11	10	9	8	7	7	6	5
41.25°	15	14	13	12	11	10	9	8	7	6	6
40°	17	15	14	12	11	10	9	8	8	7	6
38.75°	18	16	14	13	12	11	10	9	8	7	6
37.5°	19	17	16	14	13	11	10	9	9	8	7
36.25°	21	18	17	15	13	12	11	10	9	8	7
35°	23	20	18	16	14	13	12	10	9	8	7



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	24	21	19	17	15	13	12	11	10	9	8
32.5°	26	23	20	18	16	14	13	11	10	9	8
31.25°	28	25	22	19	17	15	13	12	11	10	9
30°	30	26	23	20	18	16	14	13	11	10	9
28.75°	32	28	25	22	19	17	15	13	12	10	9
27.5°	34	30	26	23	20	17	15	14	12	11	10
26.25°	36	32	28	24	21	18	16	14	13	11	10
25°	38	33	29	25	22	19	17	15	13	12	10
23.75°	40	35	31	27	23	20	18	15	13	12	11
22.5°	43	37	32	28	24	21	18	16	14	12	11
21.25°	45	39	34	29	25	22	19	17	14	13	11
20°	47	41	35	31	26	23	20	17	15	13	12
18.75°	49	43	37	32	28	24	20	18	15	13	12
17.5°	51	44	38	33	29	25	21	18	16	14	12
16.25°	53	46	40	34	30	25	22	19	16	14	12
15°	55	48	41	35	31	26	23	19	17	14	13
13.75°	57	49	43	36	32	27	23	20	17	15	13
12.5°	59	50	44	38	33	28	24	20	17	15	13
11.25°	60	52	45	39	33	28	24	21	18	15	13
10°	62	53	46	40	34	29	25	21	18	16	14
8.75°	63	55	47	41	35	30	25	22	18	16	14
7.5°	64	56	48	41	35	30	26	22	19	16	14
6.25°	65	57	48	42	36	31	26	22	19	16	14
5°	66	57	49	42	36	31	26	23	19	16	14
3.75°	67	58	49	43	36	31	26	23	19	17	14
2.5°	67	58	50	43	37	32	27	23	19	17	14
1.25°	67	59	50	43	37	32	27	23	19	17	14
0°	68	59	50	43	37	32	27	23	19	17	14
-1.25°	67	59	50	43	37	32	27	23	19	17	14
-2.5°	67	58	50	43	37	32	27	23	19	17	14
-3.75°	67	58	49	43	36	31	26	23	19	17	14
-5°	66	57	49	42	36	31	26	23	19	16	14
-6.25°	65	57	48	42	36	31	26	22	19	16	14
-7.5°	64	56	48	41	35	30	26	22	19	16	14
-8.75°	63	55	47	41	35	30	25	22	18	16	14
-10°	62	53	46	40	34	29	25	21	18	16	14
-11.25°	60	52	45	39	33	28	24	21	18	15	13
-12.5°	59	50	44	38	33	28	24	20	17	15	13
-13.75°	57	49	43	36	32	27	23	20	17	15	13
-15°	55	48	41	35	31	26	23	19	17	14	13
-16.25°	53	46	40	34	30	25	22	19	16	14	12
-17.5°	51	44	38	33	29	25	21	18	16	14	12
-18.75°	49	43	37	32	28	24	20	18	15	13	12
-20°	47	41	35	31	26	23	20	17	15	13	12
-21.25°	45	39	34	29	25	22	19	17	14	13	11



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	43	37	32	28	24	21	18	16	14	12	11
-23.75°	40	35	31	27	23	20	18	15	13	12	11
-25°	38	33	29	25	22	19	17	15	13	12	10
-26.25°	36	32	28	24	21	18	16	14	13	11	10
-27.5°	34	30	26	23	20	17	15	14	12	11	10
-28.75°	32	28	25	22	19	17	15	13	12	10	9
-30°	30	26	23	20	18	16	14	13	11	10	9
-31.25°	28	25	22	19	17	15	13	12	11	10	9
-32.5°	26	23	20	18	16	14	13	11	10	9	8
-33.75°	24	21	19	17	15	13	12	11	10	9	8
-35°	23	20	18	16	14	13	12	10	9	8	7
-36.25°	21	18	17	15	13	12	11	10	9	8	7
-37.5°	19	17	16	14	13	11	10	9	9	8	7
-38.75°	18	16	14	13	12	11	10	9	8	7	6
-40°	17	15	14	12	11	10	9	8	8	7	6
-41.25°	15	14	13	12	11	10	9	8	7	6	6
-42.5°	14	13	12	11	10	9	8	7	7	6	5
-43.75°	13	12	11	10	9	9	8	7	6	5	5
-45°	12	11	10	10	9	8	7	6	6	5	5
-46.25°	11	10	10	9	8	7	7	6	5	5	4
-47.5°	10	10	9	8	8	7	6	6	5	5	4
-48.75°	10	9	8	8	7	6	6	5	5	4	4
-50°	9	8	8	7	6	6	5	5	4	4	4
-51.25°	8	8	7	6	6	5	5	4	4	4	4
-52.5°	8	7	6	6	5	5	4	4	4	4	3
-53.75°	7	6	6	5	5	4	4	4	4	3	3
-55°	6	6	5	5	4	4	4	4	3	3	3
-56.25°	6	5	5	4	4	4	4	3	3	3	3
-57.5°	5	5	4	4	4	4	3	3	3	3	3
-58.75°	5	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	4	3	3	3	3	3	3	3
-61.25°	4	4	3	3	3	3	3	3	3	3	3
-62.5°	4	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	2
-66.25°	3	3	3	3	3	3	3	3	2	2	2
-67.5°	3	3	3	3	3	3	3	2	2	2	2
-68.75°	3	3	3	3	3	2	2	2	2	2	2
-70°	3	3	3	2	2	2	2	2	2	2	2
-71.25°	3	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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	2	2	2	2	2	2	1	1	1	1
61.25°	3	3	2	2	2	2	2	2	1	1	1
60°	3	3	3	2	2	2	2	2	1	1	1
58.75°	3	3	3	3	2	2	2	2	2	1	1
57.5°	3	3	3	3	2	2	2	2	2	1	1
56.25°	3	3	3	3	3	2	2	2	2	2	1
55°	3	3	3	3	3	3	2	2	2	2	1
53.75°	3	3	3	3	3	3	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	2	2	2	2
51.25°	3	3	3	3	3	3	3	2	2	2	2
50°	3	3	3	3	3	3	3	3	2	2	2
48.75°	4	3	3	3	3	3	3	3	2	2	2
47.5°	4	4	3	3	3	3	3	3	3	2	2
46.25°	4	4	3	3	3	3	3	3	3	2	2
45°	4	4	4	3	3	3	3	3	3	2	2
43.75°	4	4	4	3	3	3	3	3	3	3	2
42.5°	5	4	4	4	3	3	3	3	3	3	2
41.25°	5	4	4	4	3	3	3	3	3	3	2
40°	5	5	4	4	3	3	3	3	3	3	2
38.75°	6	5	4	4	4	3	3	3	3	3	3
37.5°	6	5	5	4	4	3	3	3	3	3	3
36.25°	6	5	5	4	4	3	3	3	3	3	3
35°	7	6	5	4	4	4	3	3	3	3	3



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	7	6	5	5	4	4	3	3	3	3	3
32.5°	7	6	5	5	4	4	3	3	3	3	3
31.25°	8	7	6	5	4	4	3	3	3	3	3
30°	8	7	6	5	4	4	4	3	3	3	3
28.75°	8	7	6	5	5	4	4	3	3	3	3
27.5°	9	7	6	5	5	4	4	3	3	3	3
26.25°	9	8	7	6	5	4	4	3	3	3	3
25°	9	8	7	6	5	4	4	4	3	3	3
23.75°	9	8	7	6	5	5	4	4	3	3	3
22.5°	10	9	7	6	5	5	4	4	3	3	3
21.25°	10	9	8	6	6	5	4	4	3	3	3
20°	10	9	8	7	6	5	4	4	3	3	3
18.75°	10	9	8	7	6	5	4	4	3	3	3
17.5°	11	9	8	7	6	5	4	4	3	3	3
16.25°	11	10	8	7	6	5	4	4	3	3	3
15°	11	10	9	7	6	5	5	4	4	3	3
13.75°	11	10	9	8	6	5	5	4	4	3	3
12.5°	11	10	9	8	6	5	5	4	4	3	3
11.25°	12	10	9	8	7	6	5	4	4	3	3
10°	12	10	9	8	7	6	5	4	4	3	3
8.75°	12	10	9	8	7	6	5	4	4	3	3
7.5°	12	11	9	8	7	6	5	4	4	3	3
6.25°	12	11	9	8	7	6	5	4	4	3	3
5°	12	11	9	8	7	6	5	4	4	3	3
3.75°	12	11	9	8	7	6	5	4	4	3	3
2.5°	12	11	10	8	7	6	5	4	4	3	3
1.25°	12	11	10	8	7	6	5	4	4	3	3
0°	13	11	10	8	7	6	5	4	4	3	3
-1.25°	12	11	10	8	7	6	5	4	4	3	3
-2.5°	12	11	10	8	7	6	5	4	4	3	3
-3.75°	12	11	9	8	7	6	5	4	4	3	3
-5°	12	11	9	8	7	6	5	4	4	3	3
-6.25°	12	11	9	8	7	6	5	4	4	3	3
-7.5°	12	11	9	8	7	6	5	4	4	3	3
-8.75°	12	10	9	8	7	6	5	4	4	3	3
-10°	12	10	9	8	7	6	5	4	4	3	3
-11.25°	12	10	9	8	7	6	5	4	4	3	3
-12.5°	11	10	9	8	6	5	5	4	4	3	3
-13.75°	11	10	9	8	6	5	5	4	4	3	3
-15°	11	10	9	7	6	5	5	4	4	3	3
-16.25°	11	10	8	7	6	5	4	4	3	3	3
-17.5°	11	9	8	7	6	5	4	4	3	3	3
-18.75°	10	9	8	7	6	5	4	4	3	3	3
-20°	10	9	8	7	6	5	4	4	3	3	3
-21.25°	10	9	8	6	6	5	4	4	3	3	3



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	10	9	7	6	5	5	4	4	3	3	3
-23.75°	9	8	7	6	5	5	4	4	3	3	3
-25°	9	8	7	6	5	4	4	4	3	3	3
-26.25°	9	8	7	6	5	4	4	3	3	3	3
-27.5°	9	7	6	5	5	4	4	3	3	3	3
-28.75°	8	7	6	5	5	4	4	3	3	3	3
-30°	8	7	6	5	4	4	4	3	3	3	3
-31.25°	8	7	6	5	4	4	3	3	3	3	3
-32.5°	7	6	5	5	4	4	3	3	3	3	3
-33.75°	7	6	5	5	4	4	3	3	3	3	3
-35°	7	6	5	4	4	4	3	3	3	3	3
-36.25°	6	5	5	4	4	3	3	3	3	3	3
-37.5°	6	5	5	4	4	3	3	3	3	3	3
-38.75°	6	5	4	4	4	3	3	3	3	3	3
-40°	5	5	4	4	3	3	3	3	3	3	2
-41.25°	5	4	4	4	3	3	3	3	3	3	2
-42.5°	5	4	4	4	3	3	3	3	3	3	2
-43.75°	4	4	4	3	3	3	3	3	3	3	2
-45°	4	4	4	3	3	3	3	3	3	2	2
-46.25°	4	4	3	3	3	3	3	3	3	2	2
-47.5°	4	4	3	3	3	3	3	3	3	2	2
-48.75°	4	3	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	3	3	2	2	2
-51.25°	3	3	3	3	3	3	3	2	2	2	2
-52.5°	3	3	3	3	3	3	3	2	2	2	2
-53.75°	3	3	3	3	3	3	2	2	2	2	2
-55°	3	3	3	3	3	3	2	2	2	2	1
-56.25°	3	3	3	3	3	2	2	2	2	2	1
-57.5°	3	3	3	3	2	2	2	2	2	1	1
-58.75°	3	3	3	3	2	2	2	2	2	1	1
-60°	3	3	3	2	2	2	2	2	1	1	1
-61.25°	3	3	2	2	2	2	2	2	1	1	1
-62.5°	3	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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	2	2	2	1	1	1	1	1	0	0
31.25°	3	2	2	2	1	1	1	1	1	0	0
30°	3	2	2	2	1	1	1	1	1	0	0
28.75°	3	2	2	2	1	1	1	1	1	0	0
27.5°	3	2	2	2	1	1	1	1	1	0	0
26.25°	3	2	2	2	1	1	1	1	1	0	0
25°	3	2	2	2	1	1	1	1	1	0	0
23.75°	3	3	2	2	1	1	1	1	1	0	0
22.5°	3	3	2	2	1	1	1	1	1	0	0
21.25°	3	3	2	2	1	1	1	1	1	0	0
20°	3	3	2	2	1	1	1	1	1	0	0
18.75°	3	3	2	2	2	1	1	1	1	0	0
17.5°	3	3	2	2	2	1	1	1	1	0	0
16.25°	3	3	2	2	2	1	1	1	1	0	0
15°	3	3	2	2	2	1	1	1	1	0	0
13.75°	3	3	2	2	2	1	1	1	1	0	0
12.5°	3	3	2	2	2	1	1	1	1	0	0
11.25°	3	3	2	2	2	1	1	1	1	0	0
10°	3	3	2	2	2	1	1	1	1	0	0
8.75°	3	3	2	2	2	1	1	1	1	0	0
7.5°	3	3	2	2	2	1	1	1	1	0	0
6.25°	3	3	2	2	2	1	1	1	1	0	0
5°	3	3	2	2	2	1	1	1	1	0	0
3.75°	3	3	2	2	2	1	1	1	1	0	0
2.5°	3	3	2	2	2	1	1	1	1	0	0
1.25°	3	3	2	2	2	1	1	1	1	0	0
0°	3	3	3	2	2	1	1	1	1	0	0
-1.25°	3	3	2	2	2	1	1	1	1	0	0
-2.5°	3	3	2	2	2	1	1	1	1	0	0
-3.75°	3	3	2	2	2	1	1	1	1	0	0
-5°	3	3	2	2	2	1	1	1	1	0	0
-6.25°	3	3	2	2	2	1	1	1	1	0	0
-7.5°	3	3	2	2	2	1	1	1	1	0	0
-8.75°	3	3	2	2	2	1	1	1	1	0	0
-10°	3	3	2	2	2	1	1	1	1	0	0
-11.25°	3	3	2	2	2	1	1	1	1	0	0
-12.5°	3	3	2	2	2	1	1	1	1	0	0
-13.75°	3	3	2	2	2	1	1	1	1	0	0
-15°	3	3	2	2	2	1	1	1	1	0	0
-16.25°	3	3	2	2	2	1	1	1	1	0	0
-17.5°	3	3	2	2	2	1	1	1	1	0	0
-18.75°	3	3	2	2	2	1	1	1	1	0	0
-20°	3	3	2	2	1	1	1	1	1	0	0
-21.25°	3	3	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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°	3	3	2	2	1	1	1	1	1	0	0
-23.75°	3	3	2	2	1	1	1	1	1	0	0
-25°	3	2	2	2	1	1	1	1	1	0	0
-26.25°	3	2	2	2	1	1	1	1	1	0	0
-27.5°	3	2	2	2	1	1	1	1	1	0	0
-28.75°	3	2	2	2	1	1	1	1	1	0	0
-30°	3	2	2	2	1	1	1	1	1	0	0
-31.25°	3	2	2	2	1	1	1	1	1	0	0
-32.5°	3	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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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: P220400 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-W-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)