

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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

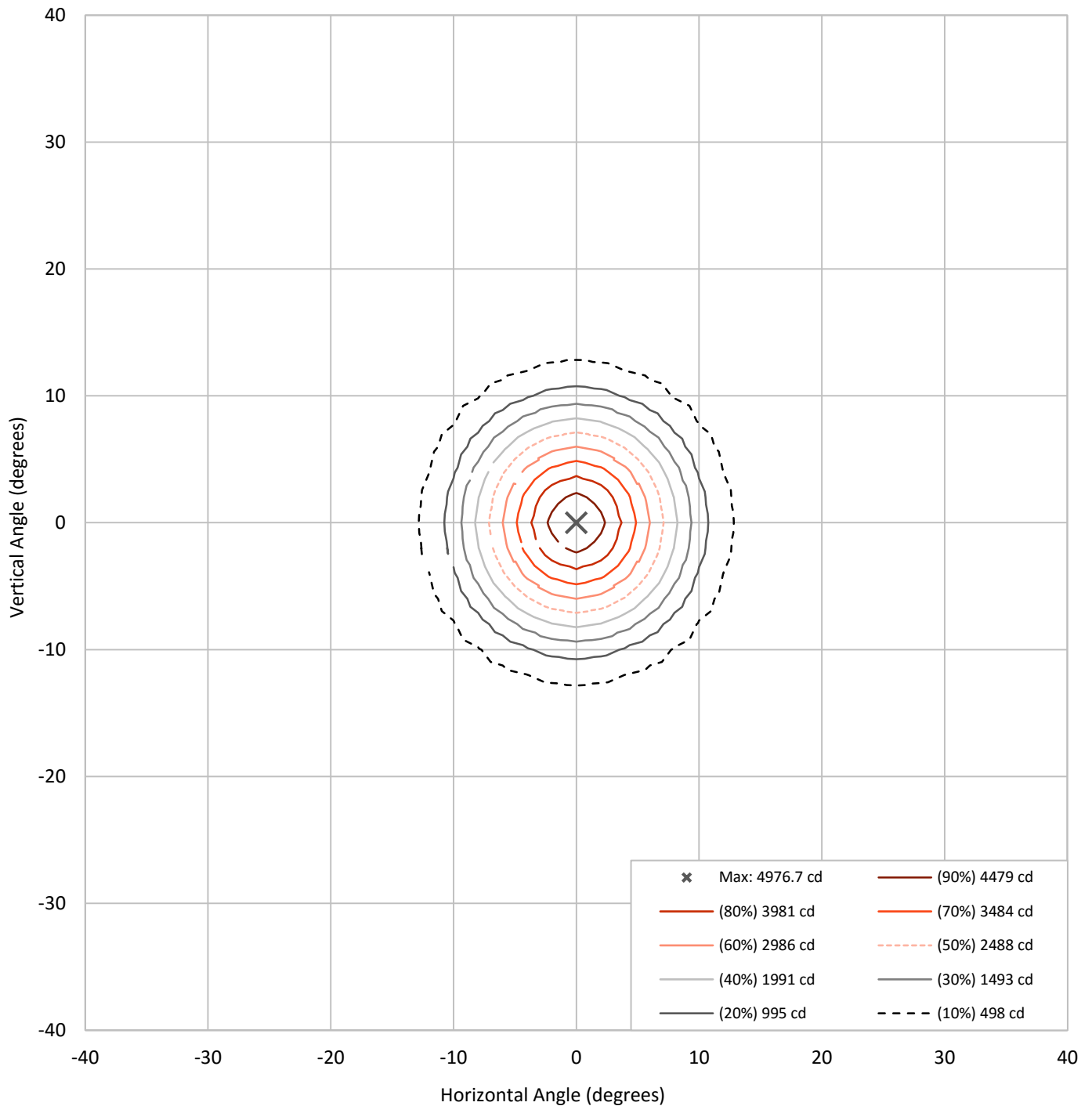
Test Method: LM-79-08
Report Number: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29409)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	389.2 lumens	Max Intensity:	4976.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	38.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.2°H x 14.2°V	Field Angle (10%):	25.2°H x 25.2°V
Beam Lumens:	161.5 lumens	Field Lumens:	297.7 lumens
Beam Efficiency:	41.5%	Field Efficiency:	76.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (A _{in}):	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

Iso-Candela Plot



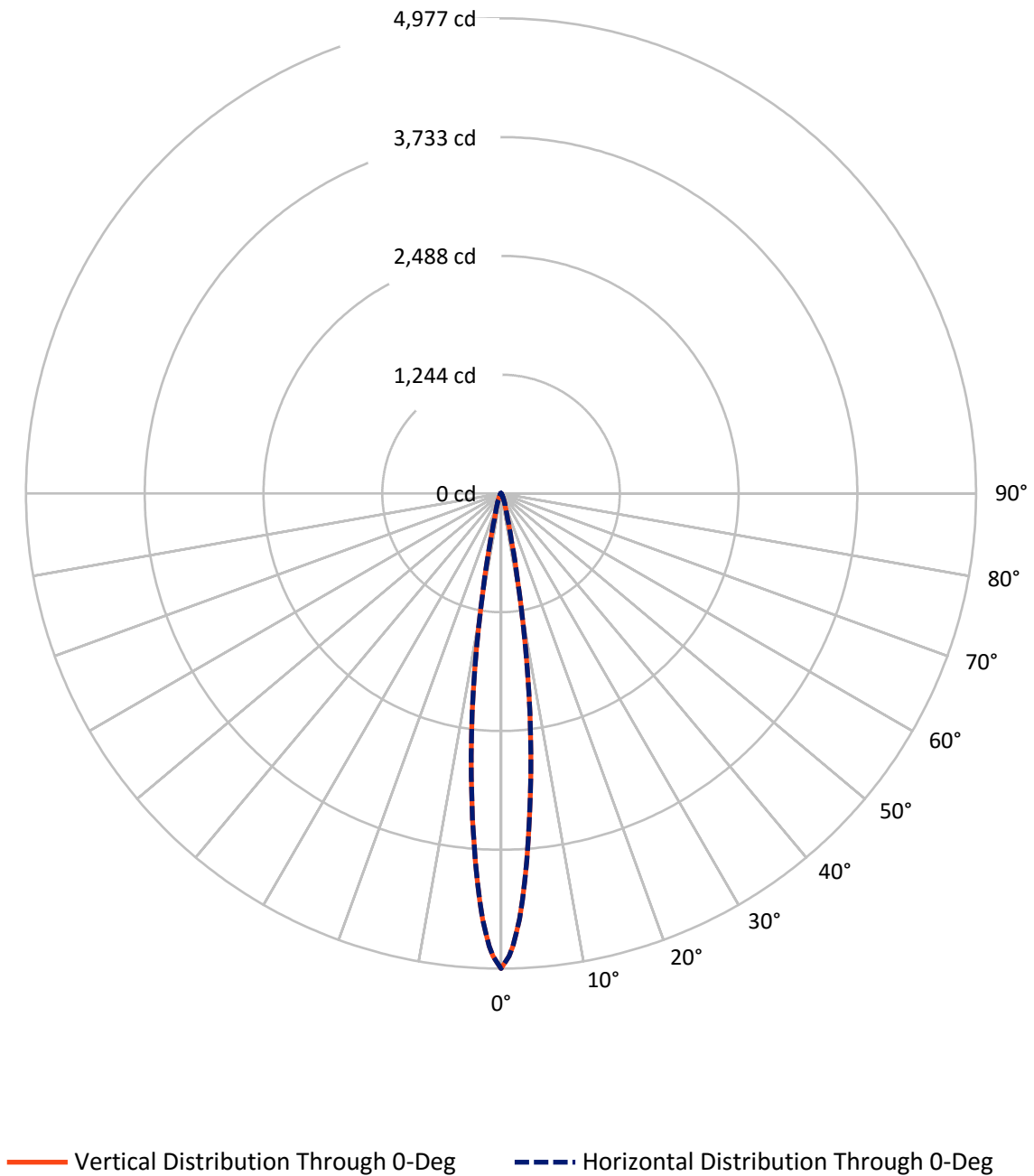
REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0			
60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
50	0.0	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			
40		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
30	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.6	1.6	0.8	0.3	0.1	0.1	0.0	0.0	0.0		
20		0.0	0.1	0.1	0.2	0.8	3.1	8.6	8.6	3.1	0.8	0.2	0.1	0.1	0.0			
10	0.0	0.0	0.1	0.1	0.2	1.5	8.4	69.0	69.0	8.4	1.5	0.2	0.1	0.1	0.0	0.0		
0		0.0	0.1	0.1	0.2	1.5	8.4	69.0	69.0	8.4	1.5	0.2	0.1	0.1	0.0			
-10	0.0	0.0	0.1	0.1	0.2	0.8	3.1	8.6	8.6	3.1	0.8	0.2	0.1	0.1	0.0	0.0		
-20		0.0	0.0	0.1	0.1	0.3	0.8	1.6	1.6	0.8	0.3	0.1	0.1	0.0	0.0			
-30	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		
-40		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			
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
-60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
-80		0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									

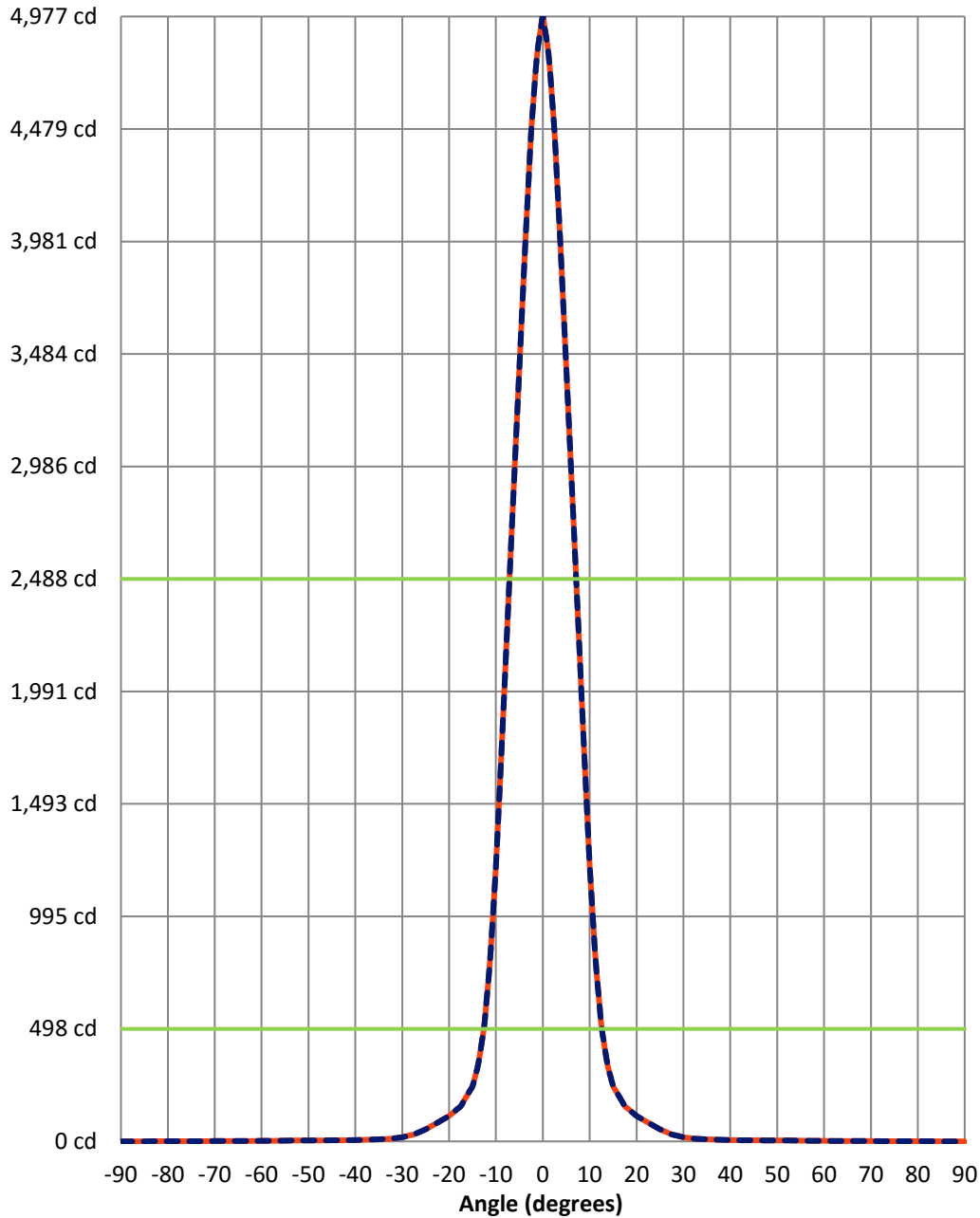
REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 14.2°
 V Angle: 14.2°
 Lumens: 161.5
 Efficiency: 41.5%

Field:
 H Angle: 25.2°
 V Angle: 25.2°
 Lumens: 297.7
 Efficiency: 76.5%

Spill:
 Lumens: 91.6
 Efficiency: 23.5%

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



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

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	0	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	1
73.75°	0	0	0	0	0	0	0	0	0	1	1
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	0	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	0	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	1	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	1	2	2



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	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	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	1	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	2	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	3
37.5°	2	2	2	2	2	2	2	2	2	2	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	2	3	3



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	1	1	1	1
-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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	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	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	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	2
60°	1	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	2
51.25°	2	2	2	2	2	2	2	2	2	2	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	3	3	3	3	3
46.25°	2	2	2	2	2	3	3	3	3	3	3
45°	2	2	2	3	3	3	3	3	3	3	3
43.75°	2	2	2	3	3	3	3	3	3	3	4
42.5°	2	2	3	3	3	3	3	3	3	4	4
41.25°	2	3	3	3	3	3	3	3	4	4	4
40°	3	3	3	3	3	3	3	4	4	4	4
38.75°	3	3	3	3	3	3	4	4	4	4	4
37.5°	3	3	3	3	3	4	4	4	4	4	4
36.25°	3	3	3	3	4	4	4	4	4	4	4
35°	3	3	3	3	4	4	4	4	4	4	4



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	4	4	4	4	5	5	5	5	5
-23.75°	4	4	4	4	4	4	5	5	5	5	5
-25°	4	4	4	4	4	4	4	5	5	5	5
-26.25°	4	4	4	4	4	4	4	4	5	5	5
-27.5°	4	4	4	4	4	4	4	4	5	5	5
-28.75°	3	4	4	4	4	4	4	4	4	5	5
-30°	3	4	4	4	4	4	4	4	4	4	5
-31.25°	3	3	4	4	4	4	4	4	4	4	5
-32.5°	3	3	4	4	4	4	4	4	4	4	4
-33.75°	3	3	3	4	4	4	4	4	4	4	4
-35°	3	3	3	3	4	4	4	4	4	4	4
-36.25°	3	3	3	3	4	4	4	4	4	4	4
-37.5°	3	3	3	3	3	4	4	4	4	4	4
-38.75°	3	3	3	3	3	3	4	4	4	4	4
-40°	3	3	3	3	3	3	3	4	4	4	4
-41.25°	2	3	3	3	3	3	3	3	4	4	4
-42.5°	2	2	3	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	3
-46.25°	2	2	2	2	2	3	3	3	3	3	3
-47.5°	2	2	2	2	2	2	3	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	2	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	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°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	0	0	1	1	1	1	1
-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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	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	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	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	3	3	3
55°	2	2	2	2	2	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	4	4	4
48.75°	3	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	4	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	5	5
40°	4	4	4	4	4	4	4	4	5	5	5
38.75°	4	4	4	4	4	4	5	5	5	5	5
37.5°	4	4	4	4	4	5	5	5	5	5	5
36.25°	4	4	4	5	5	5	5	5	5	5	5
35°	4	4	5	5	5	5	5	5	5	5	6



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	4	5	5	5	5	5	5	5	5	6	6
32.5°	5	5	5	5	5	5	5	6	6	6	7
31.25°	5	5	5	5	5	5	6	6	6	7	7
30°	5	5	5	5	5	6	6	6	7	7	8
28.75°	5	5	5	5	6	6	7	7	8	8	9
27.5°	5	5	5	6	6	7	7	8	8	9	9
26.25°	5	5	6	6	6	7	8	8	9	9	10
25°	5	5	6	6	7	8	8	9	9	10	11
23.75°	5	6	6	7	7	8	9	9	10	11	12
22.5°	6	6	7	7	8	9	9	10	11	12	15
21.25°	6	6	7	8	8	9	10	11	12	14	17
20°	6	7	7	8	9	10	11	12	14	17	20
18.75°	6	7	8	9	9	10	11	13	16	19	23
17.5°	7	7	8	9	10	11	12	15	18	22	27
16.25°	7	8	9	9	10	12	14	17	21	26	31
15°	7	8	9	10	11	13	16	18	24	29	37
13.75°	8	8	9	10	11	14	17	21	27	33	43
12.5°	8	9	10	11	12	15	18	24	29	38	48
11.25°	8	9	10	11	13	16	21	26	33	43	53
10°	8	9	10	12	14	18	23	28	37	47	59
8.75°	9	9	11	12	15	19	25	30	41	51	64
7.5°	9	10	11	13	16	20	26	33	44	55	69
6.25°	9	10	11	14	17	21	28	36	47	59	73
5°	9	10	11	14	17	23	29	38	49	62	76
3.75°	9	10	12	14	18	23	30	40	51	65	79
2.5°	9	10	12	15	18	24	30	41	52	66	81
1.25°	9	10	12	15	18	24	31	42	53	68	82
0°	9	10	12	15	18	25	31	42	53	68	83
-1.25°	9	10	12	15	18	24	31	42	53	68	82
-2.5°	9	10	12	15	18	24	30	41	52	66	81
-3.75°	9	10	12	14	18	23	30	40	51	65	79
-5°	9	10	11	14	17	23	29	38	49	62	76
-6.25°	9	10	11	14	17	21	28	36	47	59	73
-7.5°	9	10	11	13	16	20	26	33	44	55	69
-8.75°	9	9	11	12	15	19	25	30	41	51	64
-10°	8	9	10	12	14	18	23	28	37	47	59
-11.25°	8	9	10	11	13	16	21	26	33	43	53
-12.5°	8	9	10	11	12	15	18	24	29	38	48
-13.75°	8	8	9	10	11	14	17	21	27	33	43
-15°	7	8	9	10	11	13	16	18	24	29	37
-16.25°	7	8	9	9	10	12	14	17	21	26	31
-17.5°	7	7	8	9	10	11	12	15	18	22	27
-18.75°	6	7	8	9	9	10	11	13	16	19	23
-20°	6	7	7	8	9	10	11	12	14	17	20
-21.25°	6	6	7	8	8	9	10	11	12	14	17



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	6	6	7	7	8	9	9	10	11	12	15
-23.75°	5	6	6	7	7	8	9	9	10	11	12
-25°	5	5	6	6	7	8	8	9	9	10	11
-26.25°	5	5	6	6	6	7	8	8	9	9	10
-27.5°	5	5	5	6	6	7	7	8	8	9	9
-28.75°	5	5	5	5	6	6	7	7	8	8	9
-30°	5	5	5	5	5	6	6	6	7	7	8
-31.25°	5	5	5	5	5	5	6	6	6	7	7
-32.5°	5	5	5	5	5	5	5	6	6	6	7
-33.75°	4	5	5	5	5	5	5	5	5	6	6
-35°	4	4	5	5	5	5	5	5	5	5	6
-36.25°	4	4	4	5	5	5	5	5	5	5	5
-37.5°	4	4	4	4	4	5	5	5	5	5	5
-38.75°	4	4	4	4	4	4	5	5	5	5	5
-40°	4	4	4	4	4	4	4	4	5	5	5
-41.25°	4	4	4	4	4	4	4	4	4	5	5
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	4	4	4	4	4
-50°	3	3	3	3	3	3	3	3	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	2	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	3	3	3
-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°	1	2	2	2	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	1	1	1	2
-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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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	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	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	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	5	5	5	5
43.75°	4	4	4	5	5	5	5	5	5	5	5
42.5°	4	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	5	5	5	5	5	5	5	5	5	5	6
38.75°	5	5	5	5	5	5	6	6	6	6	6
37.5°	5	5	5	6	6	6	6	6	7	7	7
36.25°	5	6	6	6	6	7	7	7	7	8	8
35°	6	6	6	7	7	7	8	8	8	8	9



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	6	7	7	7	8	8	8	9	9	9	9
32.5°	7	7	8	8	9	9	9	10	10	10	11
31.25°	8	8	9	9	9	10	10	11	11	12	12
30°	8	9	9	10	10	11	11	12	13	14	15
28.75°	9	10	10	11	12	13	14	15	16	18	19
27.5°	10	11	11	12	14	16	17	18	21	23	25
26.25°	11	12	13	15	17	18	21	24	26	28	30
25°	12	14	16	18	21	24	27	29	33	37	41
23.75°	14	17	19	22	26	29	33	38	43	47	51
22.5°	17	20	23	27	31	37	43	48	53	59	64
21.25°	20	24	28	33	40	46	52	59	66	72	78
20°	24	28	34	41	48	55	64	71	79	85	91
18.75°	28	34	42	49	58	67	75	84	91	99	105
17.5°	33	41	49	59	68	78	87	96	104	112	121
16.25°	40	48	58	68	79	89	99	108	118	130	140
15°	46	55	67	78	89	99	110	122	135	148	162
13.75°	52	64	75	87	99	110	124	138	152	175	200
12.5°	59	71	84	96	108	122	138	154	182	210	236
11.25°	66	79	91	104	118	135	152	182	214	244	298
10°	72	85	99	112	130	148	175	210	244	306	394
8.75°	78	91	105	121	140	162	200	236	298	394	537
7.5°	83	97	111	130	150	183	222	275	368	515	729
6.25°	87	102	117	138	160	201	241	318	449	658	956
5°	91	105	123	144	174	216	271	373	546	818	1195
3.75°	94	108	128	149	185	228	296	418	638	979	1424
2.5°	96	111	131	153	193	237	316	468	725	1111	1599
1.25°	97	112	133	155	198	242	334	500	778	1192	1713
0°	98	113	134	156	200	244	341	511	796	1220	1753
-1.25°	97	112	133	155	198	242	334	500	778	1192	1713
-2.5°	96	111	131	153	193	237	316	468	725	1111	1599
-3.75°	94	108	128	149	185	228	296	418	638	979	1424
-5°	91	105	123	144	174	216	271	373	546	818	1195
-6.25°	87	102	117	138	160	201	241	318	449	658	956
-7.5°	83	97	111	130	150	183	222	275	368	515	729
-8.75°	78	91	105	121	140	162	200	236	298	394	537
-10°	72	85	99	112	130	148	175	210	244	306	394
-11.25°	66	79	91	104	118	135	152	182	214	244	298
-12.5°	59	71	84	96	108	122	138	154	182	210	236
-13.75°	52	64	75	87	99	110	124	138	152	175	200
-15°	46	55	67	78	89	99	110	122	135	148	162
-16.25°	40	48	58	68	79	89	99	108	118	130	140
-17.5°	33	41	49	59	68	78	87	96	104	112	121
-18.75°	28	34	42	49	58	67	75	84	91	99	105
-20°	24	28	34	41	48	55	64	71	79	85	91
-21.25°	20	24	28	33	40	46	52	59	66	72	78



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	17	20	23	27	31	37	43	48	53	59	64
-23.75°	14	17	19	22	26	29	33	38	43	47	51
-25°	12	14	16	18	21	24	27	29	33	37	41
-26.25°	11	12	13	15	17	18	21	24	26	28	30
-27.5°	10	11	11	12	14	16	17	18	21	23	25
-28.75°	9	10	10	11	12	13	14	15	16	18	19
-30°	8	9	9	10	10	11	11	12	13	14	15
-31.25°	8	8	9	9	9	10	10	11	11	12	12
-32.5°	7	7	8	8	9	9	9	10	10	10	11
-33.75°	6	7	7	7	8	8	8	9	9	9	9
-35°	6	6	6	7	7	7	8	8	8	8	9
-36.25°	5	6	6	6	6	7	7	7	7	8	8
-37.5°	5	5	5	6	6	6	6	6	7	7	7
-38.75°	5	5	5	5	5	5	6	6	6	6	6
-40°	5	5	5	5	5	5	5	5	5	5	6
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	4	5	5	5	5	5	5	5	5	5	5
-43.75°	4	4	4	5	5	5	5	5	5	5	5
-45°	4	4	4	4	4	4	4	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	2	3	3	3	3	3	3
-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	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°	1	1	1	1	1	1	1	2	2	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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	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	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	2
60°	2	2	2	2	2	2	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	6	6	6	6	6	6	6	6	6	6	6
38.75°	6	6	6	7	7	7	7	7	7	7	6
37.5°	7	7	7	7	7	7	8	7	7	7	7
36.25°	8	8	8	8	8	8	8	8	8	8	8
35°	9	9	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	10	10	10	10	10	10	10	10	10	10	10
32.5°	11	11	11	12	12	12	12	12	12	12	11
31.25°	13	14	14	14	15	15	15	15	15	14	14
30°	16	17	17	18	18	18	18	18	18	18	17
28.75°	20	21	23	23	24	24	25	24	24	23	23
27.5°	26	28	29	30	30	31	31	31	30	30	29
26.25°	33	36	38	40	41	42	42	42	41	40	38
25°	44	47	49	51	52	53	53	53	52	51	49
23.75°	55	59	62	65	66	68	68	68	66	65	62
22.5°	69	73	76	79	81	82	83	82	81	79	76
21.25°	83	87	91	94	96	97	98	97	96	94	91
20°	97	102	105	108	111	112	113	112	111	108	105
18.75°	111	117	123	128	131	133	134	133	131	128	123
17.5°	130	138	144	149	153	155	156	155	153	149	144
16.25°	150	160	174	185	193	198	200	198	193	185	174
15°	183	201	216	228	237	242	244	242	237	228	216
13.75°	222	241	271	296	316	334	341	334	316	296	271
12.5°	275	318	373	418	468	500	511	500	468	418	373
11.25°	368	449	546	638	725	778	796	778	725	638	546
10°	515	658	818	979	1111	1192	1220	1192	1111	979	818
8.75°	729	956	1195	1424	1599	1713	1753	1713	1599	1424	1195
7.5°	1008	1324	1638	1919	2134	2270	2317	2270	2134	1919	1638
6.25°	1324	1717	2091	2414	2663	2820	2875	2820	2663	2414	2091
5°	1638	2091	2513	2876	3165	3356	3423	3356	3165	2876	2513
3.75°	1919	2414	2876	3291	3641	3884	3970	3884	3641	3291	2876
2.5°	2134	2663	3165	3641	4061	4361	4464	4361	4061	3641	3165
1.25°	2270	2820	3356	3884	4361	4694	4816	4694	4361	3884	3356
0°	2317	2875	3423	3970	4464	4816	4977	4816	4464	3970	3423
-1.25°	2270	2820	3356	3884	4361	4694	4816	4694	4361	3884	3356
-2.5°	2134	2663	3165	3641	4061	4361	4464	4361	4061	3641	3165
-3.75°	1919	2414	2876	3291	3641	3884	3970	3884	3641	3291	2876
-5°	1638	2091	2513	2876	3165	3356	3423	3356	3165	2876	2513
-6.25°	1324	1717	2091	2414	2663	2820	2875	2820	2663	2414	2091
-7.5°	1008	1324	1638	1919	2134	2270	2317	2270	2134	1919	1638
-8.75°	729	956	1195	1424	1599	1713	1753	1713	1599	1424	1195
-10°	515	658	818	979	1111	1192	1220	1192	1111	979	818
-11.25°	368	449	546	638	725	778	796	778	725	638	546
-12.5°	275	318	373	418	468	500	511	500	468	418	373
-13.75°	222	241	271	296	316	334	341	334	316	296	271
-15°	183	201	216	228	237	242	244	242	237	228	216
-16.25°	150	160	174	185	193	198	200	198	193	185	174
-17.5°	130	138	144	149	153	155	156	155	153	149	144
-18.75°	111	117	123	128	131	133	134	133	131	128	123
-20°	97	102	105	108	111	112	113	112	111	108	105
-21.25°	83	87	91	94	96	97	98	97	96	94	91



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	69	73	76	79	81	82	83	82	81	79	76
-23.75°	55	59	62	65	66	68	68	68	66	65	62
-25°	44	47	49	51	52	53	53	53	52	51	49
-26.25°	33	36	38	40	41	42	42	42	41	40	38
-27.5°	26	28	29	30	30	31	31	31	30	30	29
-28.75°	20	21	23	23	24	24	25	24	24	23	23
-30°	16	17	17	18	18	18	18	18	18	18	17
-31.25°	13	14	14	14	15	15	15	15	15	14	14
-32.5°	11	11	11	12	12	12	12	12	12	12	11
-33.75°	10	10	10	10	10	10	10	10	10	10	10
-35°	9	9	9	9	9	9	9	9	9	9	9
-36.25°	8	8	8	8	8	8	8	8	8	8	8
-37.5°	7	7	7	7	7	7	8	7	7	7	7
-38.75°	6	6	6	7	7	7	7	7	7	7	6
-40°	6	6	6	6	6	6	6	6	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	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	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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	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	2	2	2	2	2	1	1	1	1	1
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	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	5	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	5	5	4
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	6	6	6	5	5	5	5	5	5	5	5
38.75°	6	6	6	6	6	6	6	5	5	5	5
37.5°	7	7	7	7	7	6	6	6	6	6	5
36.25°	8	8	8	8	7	7	7	7	6	6	6
35°	9	9	9	8	8	8	8	7	7	7	6



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	10	10	9	9	9	9	8	8	8	7	7
32.5°	11	11	11	10	10	10	9	9	9	8	8
31.25°	14	13	12	12	11	11	10	10	9	9	9
30°	17	16	15	14	13	12	11	11	10	10	9
28.75°	21	20	19	18	16	15	14	13	12	11	10
27.5°	28	26	25	23	21	18	17	16	14	12	11
26.25°	36	33	30	28	26	24	21	18	17	15	13
25°	47	44	41	37	33	29	27	24	21	18	16
23.75°	59	55	51	47	43	38	33	29	26	22	19
22.5°	73	69	64	59	53	48	43	37	31	27	23
21.25°	87	83	78	72	66	59	52	46	40	33	28
20°	102	97	91	85	79	71	64	55	48	41	34
18.75°	117	111	105	99	91	84	75	67	58	49	42
17.5°	138	130	121	112	104	96	87	78	68	59	49
16.25°	160	150	140	130	118	108	99	89	79	68	58
15°	201	183	162	148	135	122	110	99	89	78	67
13.75°	241	222	200	175	152	138	124	110	99	87	75
12.5°	318	275	236	210	182	154	138	122	108	96	84
11.25°	449	368	298	244	214	182	152	135	118	104	91
10°	658	515	394	306	244	210	175	148	130	112	99
8.75°	956	729	537	394	298	236	200	162	140	121	105
7.5°	1324	1008	729	515	368	275	222	183	150	130	111
6.25°	1717	1324	956	658	449	318	241	201	160	138	117
5°	2091	1638	1195	818	546	373	271	216	174	144	123
3.75°	2414	1919	1424	979	638	418	296	228	185	149	128
2.5°	2663	2134	1599	1111	725	468	316	237	193	153	131
1.25°	2820	2270	1713	1192	778	500	334	242	198	155	133
0°	2875	2317	1753	1220	796	511	341	244	200	156	134
-1.25°	2820	2270	1713	1192	778	500	334	242	198	155	133
-2.5°	2663	2134	1599	1111	725	468	316	237	193	153	131
-3.75°	2414	1919	1424	979	638	418	296	228	185	149	128
-5°	2091	1638	1195	818	546	373	271	216	174	144	123
-6.25°	1717	1324	956	658	449	318	241	201	160	138	117
-7.5°	1324	1008	729	515	368	275	222	183	150	130	111
-8.75°	956	729	537	394	298	236	200	162	140	121	105
-10°	658	515	394	306	244	210	175	148	130	112	99
-11.25°	449	368	298	244	214	182	152	135	118	104	91
-12.5°	318	275	236	210	182	154	138	122	108	96	84
-13.75°	241	222	200	175	152	138	124	110	99	87	75
-15°	201	183	162	148	135	122	110	99	89	78	67
-16.25°	160	150	140	130	118	108	99	89	79	68	58
-17.5°	138	130	121	112	104	96	87	78	68	59	49
-18.75°	117	111	105	99	91	84	75	67	58	49	42
-20°	102	97	91	85	79	71	64	55	48	41	34
-21.25°	87	83	78	72	66	59	52	46	40	33	28



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	73	69	64	59	53	48	43	37	31	27	23
-23.75°	59	55	51	47	43	38	33	29	26	22	19
-25°	47	44	41	37	33	29	27	24	21	18	16
-26.25°	36	33	30	28	26	24	21	18	17	15	13
-27.5°	28	26	25	23	21	18	17	16	14	12	11
-28.75°	21	20	19	18	16	15	14	13	12	11	10
-30°	17	16	15	14	13	12	11	11	10	10	9
-31.25°	14	13	12	12	11	11	10	10	9	9	9
-32.5°	11	11	11	10	10	10	9	9	9	8	8
-33.75°	10	10	9	9	9	9	8	8	8	7	7
-35°	9	9	9	8	8	8	8	7	7	7	6
-36.25°	8	8	8	8	7	7	7	7	6	6	6
-37.5°	7	7	7	7	7	6	6	6	6	6	5
-38.75°	6	6	6	6	6	6	6	5	5	5	5
-40°	6	6	6	5	5	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	4
-45°	5	5	5	5	5	5	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	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	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	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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°	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°	2	2	2	1	1	1	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	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	2	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	4	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	5	4	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	4	4	4	4	4	4	4
40°	5	5	5	5	5	4	4	4	4	4	4
38.75°	5	5	5	5	5	5	5	4	4	4	4
37.5°	5	5	5	5	5	5	5	5	4	4	4
36.25°	6	5	5	5	5	5	5	5	5	5	4
35°	6	6	6	5	5	5	5	5	5	5	5



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	7	6	6	6	5	5	5	5	5	5	5
32.5°	7	7	7	6	6	6	5	5	5	5	5
31.25°	8	8	7	7	6	6	6	5	5	5	5
30°	9	8	8	7	7	6	6	6	5	5	5
28.75°	10	9	9	8	8	7	7	6	6	5	5
27.5°	11	10	9	9	8	8	7	7	6	6	5
26.25°	12	11	10	9	9	8	8	7	6	6	6
25°	14	12	11	10	9	9	8	8	7	6	6
23.75°	17	14	12	11	10	9	9	8	7	7	6
22.5°	20	17	15	12	11	10	9	9	8	7	7
21.25°	24	20	17	14	12	11	10	9	8	8	7
20°	28	24	20	17	14	12	11	10	9	8	7
18.75°	34	28	23	19	16	13	11	10	9	9	8
17.5°	41	33	27	22	18	15	12	11	10	9	8
16.25°	48	40	31	26	21	17	14	12	10	9	9
15°	55	46	37	29	24	18	16	13	11	10	9
13.75°	64	52	43	33	27	21	17	14	11	10	9
12.5°	71	59	48	38	29	24	18	15	12	11	10
11.25°	79	66	53	43	33	26	21	16	13	11	10
10°	85	72	59	47	37	28	23	18	14	12	10
8.75°	91	78	64	51	41	30	25	19	15	12	11
7.5°	97	83	69	55	44	33	26	20	16	13	11
6.25°	102	87	73	59	47	36	28	21	17	14	11
5°	105	91	76	62	49	38	29	23	17	14	11
3.75°	108	94	79	65	51	40	30	23	18	14	12
2.5°	111	96	81	66	52	41	30	24	18	15	12
1.25°	112	97	82	68	53	42	31	24	18	15	12
0°	113	98	83	68	53	42	31	25	18	15	12
-1.25°	112	97	82	68	53	42	31	24	18	15	12
-2.5°	111	96	81	66	52	41	30	24	18	15	12
-3.75°	108	94	79	65	51	40	30	23	18	14	12
-5°	105	91	76	62	49	38	29	23	17	14	11
-6.25°	102	87	73	59	47	36	28	21	17	14	11
-7.5°	97	83	69	55	44	33	26	20	16	13	11
-8.75°	91	78	64	51	41	30	25	19	15	12	11
-10°	85	72	59	47	37	28	23	18	14	12	10
-11.25°	79	66	53	43	33	26	21	16	13	11	10
-12.5°	71	59	48	38	29	24	18	15	12	11	10
-13.75°	64	52	43	33	27	21	17	14	11	10	9
-15°	55	46	37	29	24	18	16	13	11	10	9
-16.25°	48	40	31	26	21	17	14	12	10	9	9
-17.5°	41	33	27	22	18	15	12	11	10	9	8
-18.75°	34	28	23	19	16	13	11	10	9	9	8
-20°	28	24	20	17	14	12	11	10	9	8	7
-21.25°	24	20	17	14	12	11	10	9	8	8	7



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	20	17	15	12	11	10	9	9	8	7	7
-23.75°	17	14	12	11	10	9	9	8	7	7	6
-25°	14	12	11	10	9	9	8	8	7	6	6
-26.25°	12	11	10	9	9	8	8	7	6	6	6
-27.5°	11	10	9	9	8	8	7	7	6	6	5
-28.75°	10	9	9	8	8	7	7	6	6	5	5
-30°	9	8	8	7	7	6	6	6	5	5	5
-31.25°	8	8	7	7	6	6	6	5	5	5	5
-32.5°	7	7	7	6	6	6	5	5	5	5	5
-33.75°	7	6	6	6	5	5	5	5	5	5	5
-35°	6	6	6	5	5	5	5	5	5	5	5
-36.25°	6	5	5	5	5	5	5	5	5	5	4
-37.5°	5	5	5	5	5	5	5	5	4	4	4
-38.75°	5	5	5	5	5	5	5	4	4	4	4
-40°	5	5	5	5	5	4	4	4	4	4	4
-41.25°	5	5	5	5	4	4	4	4	4	4	4
-42.5°	5	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	2	2	2
-56.25°	3	3	3	3	3	2	2	2	2	2	2
-57.5°	3	3	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	2	2
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	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°	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	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°	2	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	1
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°	3	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	3	3	3	3	3	3	2	2	2	2	2
47.5°	3	3	3	3	3	3	3	2	2	2	2
46.25°	3	3	3	3	3	3	3	3	2	2	2
45°	4	3	3	3	3	3	3	3	3	3	2
43.75°	4	4	4	3	3	3	3	3	3	3	2
42.5°	4	4	4	4	3	3	3	3	3	3	3
41.25°	4	4	4	4	4	3	3	3	3	3	3
40°	4	4	4	4	4	4	3	3	3	3	3
38.75°	4	4	4	4	4	4	4	3	3	3	3
37.5°	4	4	4	4	4	4	4	4	3	3	3
36.25°	4	4	4	4	4	4	4	4	4	3	3
35°	4	4	4	4	4	4	4	4	4	3	3



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	6	6	5	5	5	5	5	4	4	4	4
-23.75°	6	5	5	5	5	5	5	4	4	4	4
-25°	5	5	5	5	5	5	4	4	4	4	4
-26.25°	5	5	5	5	5	4	4	4	4	4	4
-27.5°	5	5	5	5	5	4	4	4	4	4	4
-28.75°	5	5	5	5	4	4	4	4	4	4	4
-30°	5	5	5	4	4	4	4	4	4	4	4
-31.25°	5	5	5	4	4	4	4	4	4	4	4
-32.5°	5	5	4	4	4	4	4	4	4	4	4
-33.75°	5	4	4	4	4	4	4	4	4	4	3
-35°	4	4	4	4	4	4	4	4	4	3	3
-36.25°	4	4	4	4	4	4	4	4	4	3	3
-37.5°	4	4	4	4	4	4	4	4	3	3	3
-38.75°	4	4	4	4	4	4	4	3	3	3	3
-40°	4	4	4	4	4	4	3	3	3	3	3
-41.25°	4	4	4	4	4	3	3	3	3	3	3
-42.5°	4	4	4	4	3	3	3	3	3	3	3
-43.75°	4	4	4	3	3	3	3	3	3	3	2
-45°	4	3	3	3	3	3	3	3	3	3	2
-46.25°	3	3	3	3	3	3	3	3	2	2	2
-47.5°	3	3	3	3	3	3	3	2	2	2	2
-48.75°	3	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	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	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	1
-62.5°	2	2	2	2	2	2	2	2	2	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	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	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	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	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	3	3	3	3	3	2	2	2	2	2	2
32.5°	3	3	3	3	3	2	2	2	2	2	2
31.25°	3	3	3	3	3	3	2	2	2	2	2
30°	4	3	3	3	3	3	2	2	2	2	2
28.75°	4	3	3	3	3	3	3	2	2	2	2
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	2	2	2	2
25°	4	4	4	3	3	3	3	3	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	2	2	2
21.25°	4	4	4	4	3	3	3	3	3	2	2
20°	4	4	4	4	3	3	3	3	3	2	2
18.75°	4	4	4	4	3	3	3	3	3	2	2
17.5°	4	4	4	4	3	3	3	3	3	2	2
16.25°	4	4	4	4	4	3	3	3	3	2	2
15°	4	4	4	4	4	3	3	3	3	3	2
13.75°	4	4	4	4	4	3	3	3	3	3	2
12.5°	4	4	4	4	4	3	3	3	3	3	2
11.25°	4	4	4	4	4	3	3	3	3	3	2
10°	4	4	4	4	4	4	3	3	3	3	2
8.75°	4	4	4	4	4	4	3	3	3	3	2
7.5°	4	4	4	4	4	4	3	3	3	3	2
6.25°	4	4	4	4	4	4	3	3	3	3	2
5°	4	4	4	4	4	4	3	3	3	3	2
3.75°	4	4	4	4	4	4	3	3	3	3	2
2.5°	4	4	4	4	4	4	3	3	3	3	2
1.25°	4	4	4	4	4	4	3	3	3	3	2
0°	4	4	4	4	4	4	3	3	3	3	3
-1.25°	4	4	4	4	4	4	3	3	3	3	2
-2.5°	4	4	4	4	4	4	3	3	3	3	2
-3.75°	4	4	4	4	4	4	3	3	3	3	2
-5°	4	4	4	4	4	4	3	3	3	3	2
-6.25°	4	4	4	4	4	4	3	3	3	3	2
-7.5°	4	4	4	4	4	4	3	3	3	3	2
-8.75°	4	4	4	4	4	4	3	3	3	3	2
-10°	4	4	4	4	4	4	3	3	3	3	2
-11.25°	4	4	4	4	4	3	3	3	3	3	2
-12.5°	4	4	4	4	4	3	3	3	3	3	2
-13.75°	4	4	4	4	4	3	3	3	3	3	2
-15°	4	4	4	4	4	3	3	3	3	3	2
-16.25°	4	4	4	4	4	3	3	3	3	2	2
-17.5°	4	4	4	4	3	3	3	3	3	2	2
-18.75°	4	4	4	4	3	3	3	3	3	2	2
-20°	4	4	4	4	3	3	3	3	3	2	2
-21.25°	4	4	4	4	3	3	3	3	3	2	2



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	3	3	3	3	3	2	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	4	3	3	3	3	3	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	3	3	3	3	3	3	2	2	2	2
-30°	4	3	3	3	3	3	2	2	2	2	2
-31.25°	3	3	3	3	3	3	2	2	2	2	2
-32.5°	3	3	3	3	3	2	2	2	2	2	2
-33.75°	3	3	3	3	3	2	2	2	2	2	2
-35°	3	3	3	3	2	2	2	2	2	2	2
-36.25°	3	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	2	2	2	2	2	2	2	2
-38.75°	3	3	3	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	2	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	1	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	2	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	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	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	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: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	0	0	0
68.75°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	0
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	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	1	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	0	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	0	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	0	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	0	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	0	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	0	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4097-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)