

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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

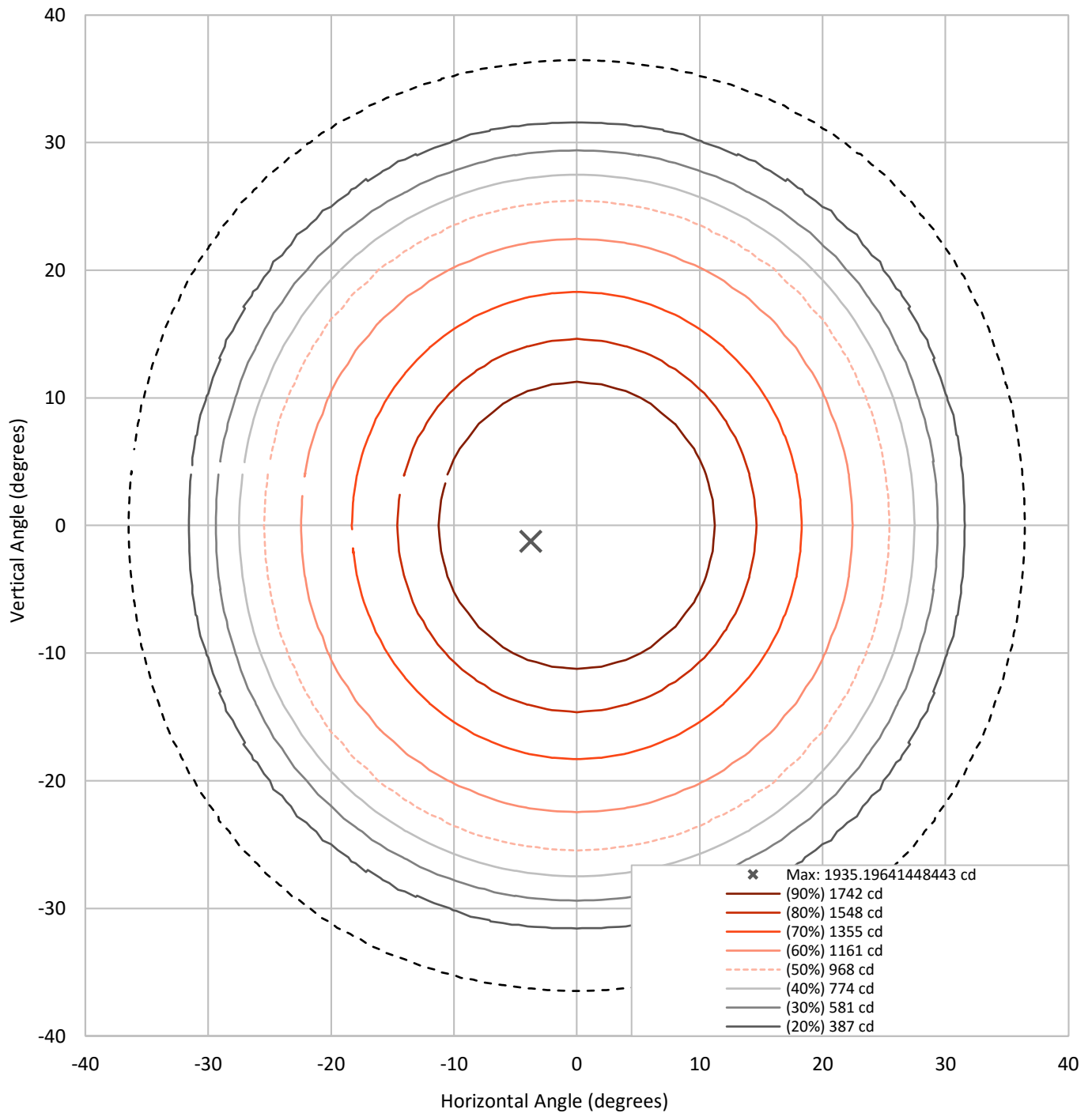
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1291.4 lumens	Max Intensity:	1935.2 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	64.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.9°H x 72.6°V
Beam Lumens:	869.8 lumens	Field Lumens:	1160.1 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

Iso-Candela Plot





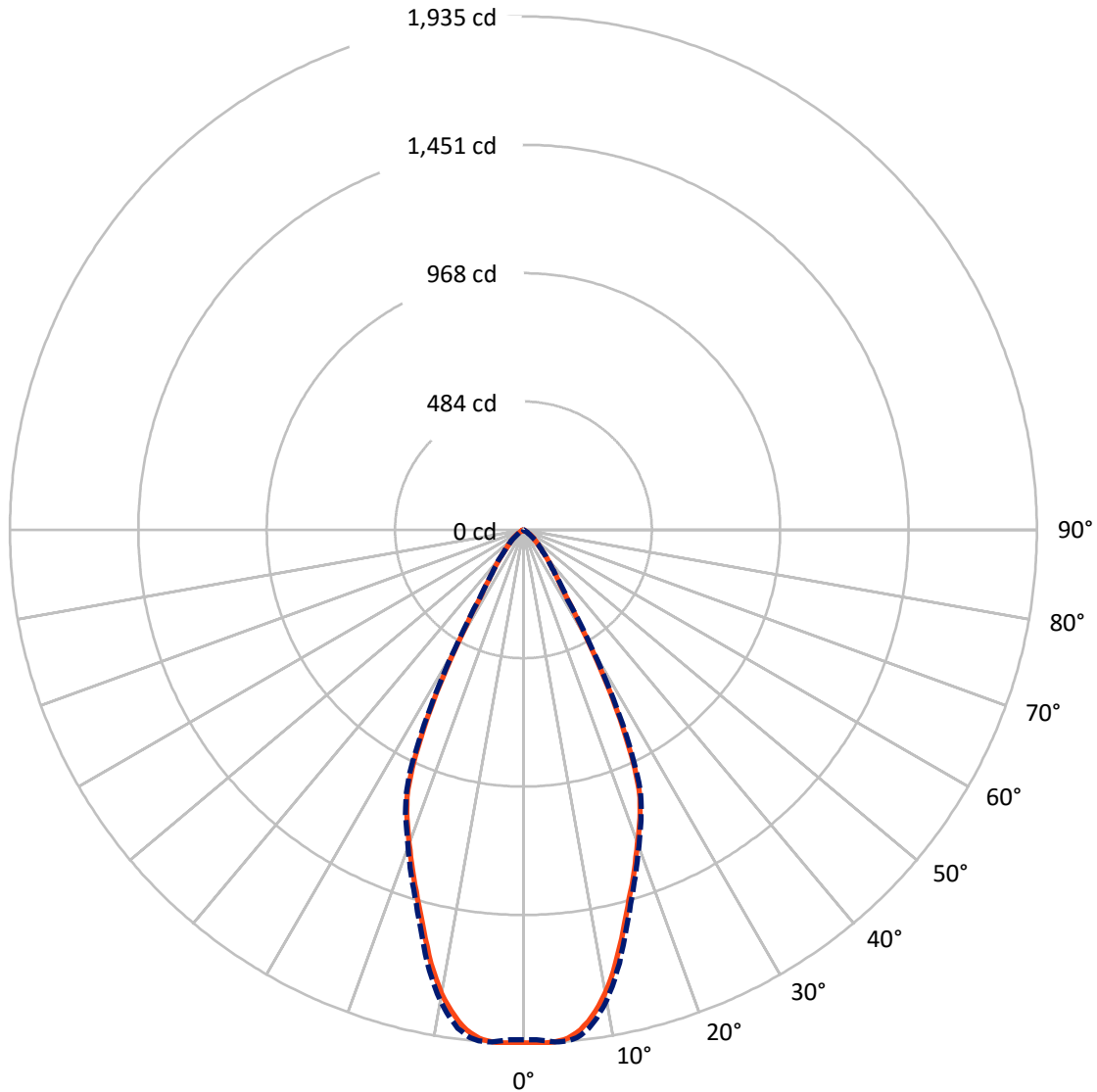
REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

Lumen Table

90																			
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0						
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
60		0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	0.1	0.1	0.0					0.0
50	0.0	0.0	0.1	0.1	0.6	1.4	2.1	2.5	2.5	2.1	1.4	0.6	0.1	0.1	0.0	0.0			
40		0.0	0.1	0.6	1.6	3.1	5.2	7.4	7.4	5.2	3.1	1.6	0.6	0.1	0.0				
30	0.0	0.0	0.2	1.1	2.8	7.2	18.6	27.8	27.8	18.6	7.2	2.8	1.1	0.2	0.0	0.0			
20		0.0	0.3	1.5	4.5	17.5	35.5	44.7	44.7	35.5	17.5	4.5	1.5	0.3	0.0				
10	0.0	0.0	0.4	1.8	6.1	25.4	43.4	56.4	56.4	43.4	25.4	6.1	1.8	0.4	0.0	0.0			
0		0.0	0.4	1.8	6.1	25.4	43.4	56.4	56.4	43.4	25.4	6.1	1.8	0.4	0.0				
-10	0.0	0.0	0.3	1.5	4.5	17.5	35.5	44.7	44.7	35.5	17.5	4.5	1.5	0.3	0.0	0.0			
-20		0.0	0.2	1.1	2.8	7.2	18.6	27.8	27.8	18.6	7.2	2.8	1.1	0.2	0.0				
-30	0.0	0.0	0.1	0.6	1.6	3.1	5.2	7.4	7.4	5.2	3.1	1.6	0.6	0.1	0.0	0.0			
-40		0.0	0.1	0.1	0.6	1.4	2.1	2.5	2.5	2.1	1.4	0.6	0.1	0.1	0.0				
-50	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	0.7	0.5	0.3	0.1	0.1	0.0	0.0	0.0			
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			
-80		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-90																			

REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
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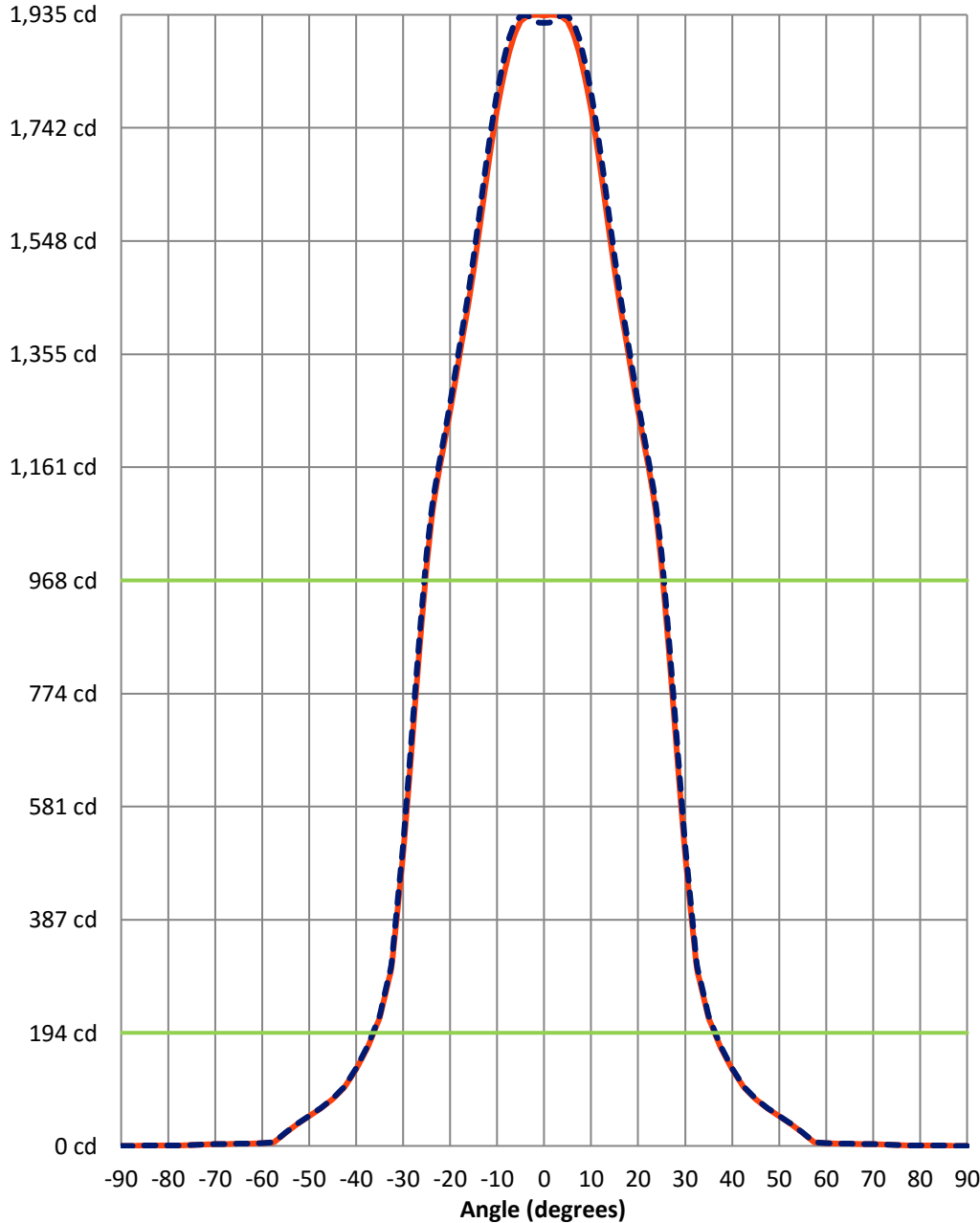
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 869.8
 Efficiency: 67.4%

Field:
 H Angle: 72.9°
 V Angle: 72.6°
 Lumens: 1160.1
 Efficiency: 89.8%

Spill:
 Lumens: 131.3
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-Deg



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	1	1
78.75°	0	0	0	0	0	0	0	1	1	1	1
77.5°	0	0	0	0	0	1	1	1	1	1	1
76.25°	0	0	0	1	1	1	1	1	1	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	0	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	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	2
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	1	2	2
50°	1	1	1	1	1	1	1	1	2	2	2
48.75°	1	1	1	1	1	1	1	1	2	2	2
47.5°	1	1	1	1	1	1	1	2	2	2	2
46.25°	1	1	1	1	1	1	1	2	2	2	2
45°	1	1	1	1	1	1	2	2	2	2	3
43.75°	1	1	1	1	1	1	2	2	2	2	3
42.5°	1	1	1	1	1	1	2	2	2	3	3
41.25°	1	1	1	1	1	2	2	2	2	3	3
40°	1	1	1	1	1	2	2	2	3	3	3
38.75°	1	1	1	1	1	2	2	2	3	3	3
37.5°	1	1	1	1	2	2	2	2	3	3	3
36.25°	1	1	1	1	2	2	2	3	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	3



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	1	1	1	1	1	1
81.25°	0	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	1	1	1	1	1	1	1	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	3
60°	1	1	1	2	2	2	2	2	2	3	3
58.75°	1	1	2	2	2	2	2	3	3	3	3
57.5°	1	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	2	3	3	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
51.25°	2	2	3	3	3	3	3	3	3	3	4
50°	2	3	3	3	3	3	3	3	3	4	4
48.75°	2	3	3	3	3	3	3	3	4	4	4
47.5°	3	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	5
38.75°	3	3	3	4	4	4	4	4	4	5	5
37.5°	3	3	3	4	4	4	4	4	4	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	6
35°	3	3	4	4	4	4	4	4	5	5	6



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	4	4	4	4	4	4	5	5	6	6
32.5°	3	4	4	4	4	4	4	5	5	6	8
31.25°	3	4	4	4	4	4	5	5	6	6	12
30°	4	4	4	4	4	4	5	5	6	8	15
28.75°	4	4	4	4	4	5	5	6	6	12	18
27.5°	4	4	4	4	4	5	5	6	8	14	21
26.25°	4	4	4	4	4	5	5	6	10	17	24
25°	4	4	4	4	5	5	6	6	13	20	27
23.75°	4	4	4	4	5	5	6	8	15	23	29
22.5°	4	4	4	4	5	5	6	10	18	25	32
21.25°	4	4	4	4	5	6	6	13	20	27	34
20°	4	4	4	5	5	6	7	15	22	29	36
18.75°	4	4	4	5	5	6	9	17	24	31	38
17.5°	4	4	4	5	5	6	11	19	26	33	40
16.25°	4	4	4	5	5	6	12	20	28	35	41
15°	4	4	4	5	6	6	14	22	29	36	43
13.75°	4	4	4	5	6	7	15	23	31	38	44
12.5°	4	4	5	5	6	9	17	25	32	39	45
11.25°	4	4	5	5	6	10	18	26	33	40	47
10°	4	4	5	5	6	11	19	27	34	41	48
8.75°	4	4	5	5	6	12	20	28	35	42	49
7.5°	4	4	5	5	6	12	21	28	36	43	49
6.25°	4	4	5	5	6	13	21	29	37	43	50
5°	4	4	5	5	6	14	22	30	37	44	51
3.75°	4	4	5	6	6	14	22	30	38	44	51
2.5°	4	4	5	6	6	14	23	30	38	45	51
1.25°	4	4	5	6	6	15	23	30	38	45	51
0°	4	4	5	6	6	15	23	31	38	45	52
-1.25°	4	4	5	6	6	15	23	30	38	45	51
-2.5°	4	4	5	6	6	14	23	30	38	45	51
-3.75°	4	4	5	6	6	14	22	30	38	44	51
-5°	4	4	5	5	6	14	22	30	37	44	51
-6.25°	4	4	5	5	6	13	21	29	37	43	50
-7.5°	4	4	5	5	6	12	21	28	36	43	49
-8.75°	4	4	5	5	6	12	20	28	35	42	49
-10°	4	4	5	5	6	11	19	27	34	41	48
-11.25°	4	4	5	5	6	10	18	26	33	40	47
-12.5°	4	4	5	5	6	9	17	25	32	39	45
-13.75°	4	4	4	5	6	7	15	23	31	38	44
-15°	4	4	4	5	6	6	14	22	29	36	43
-16.25°	4	4	4	5	5	6	12	20	28	35	41
-17.5°	4	4	4	5	5	6	11	19	26	33	40
-18.75°	4	4	4	5	5	6	9	17	24	31	38
-20°	4	4	4	5	5	6	7	15	22	29	36
-21.25°	4	4	4	4	5	6	6	13	20	27	34



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	5	5	6	10	18	25	32
-23.75°	4	4	4	4	5	5	6	8	15	23	29
-25°	4	4	4	4	5	5	6	6	13	20	27
-26.25°	4	4	4	4	4	5	5	6	10	17	24
-27.5°	4	4	4	4	4	5	5	6	8	14	21
-28.75°	4	4	4	4	4	5	5	6	6	12	18
-30°	4	4	4	4	4	4	5	5	6	8	15
-31.25°	3	4	4	4	4	4	5	5	6	6	12
-32.5°	3	4	4	4	4	4	4	5	5	6	8
-33.75°	3	4	4	4	4	4	4	5	5	6	6
-35°	3	3	4	4	4	4	4	4	5	5	6
-36.25°	3	3	4	4	4	4	4	4	5	5	6
-37.5°	3	3	3	4	4	4	4	4	4	5	5
-38.75°	3	3	3	4	4	4	4	4	4	5	5
-40°	3	3	3	3	4	4	4	4	4	4	5
-41.25°	3	3	3	3	4	4	4	4	4	4	4
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-48.75°	2	3	3	3	3	3	3	3	4	4	4
-50°	2	3	3	3	3	3	3	3	3	4	4
-51.25°	2	2	3	3	3	3	3	3	3	3	4
-52.5°	2	2	2	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	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	2	2	2	2	2	3	3	3	3
-60°	1	1	1	2	2	2	2	2	2	3	3
-61.25°	1	1	1	1	2	2	2	2	2	2	3
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	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	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	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	2	2
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	1	1	1	2	2	2	2	2	2	2	2
67.5°	1	2	2	2	2	2	2	2	2	2	3
66.25°	2	2	2	2	2	2	2	3	3	3	3
65°	2	2	2	2	2	3	3	3	3	3	3
63.75°	2	2	2	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	3	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	5
51.25°	4	4	4	4	4	4	4	4	5	5	5
50°	4	4	4	4	4	4	4	5	5	5	6
48.75°	4	4	4	4	4	5	5	5	5	6	6
47.5°	4	4	4	4	5	5	5	6	6	6	10
46.25°	4	4	4	5	5	5	6	6	7	11	16
45°	4	4	5	5	5	6	6	8	13	17	21
43.75°	4	5	5	5	6	6	9	14	18	23	27
42.5°	5	5	5	6	6	9	14	19	24	28	32
41.25°	5	5	6	6	9	14	19	24	28	33	37
40°	5	6	6	8	14	19	24	29	33	38	42
38.75°	5	6	7	13	18	24	28	33	38	42	46
37.5°	6	6	11	17	23	28	33	38	42	46	50
36.25°	6	10	16	21	27	32	37	42	46	50	55
35°	8	14	20	25	31	36	41	45	50	54	59



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	11	17	24	29	35	40	44	49	54	58	63
32.5°	15	21	27	33	38	43	48	53	58	62	67
31.25°	18	25	30	36	42	47	51	56	61	66	72
30°	22	28	34	40	45	50	55	60	65	71	76
28.75°	25	31	37	42	48	53	58	63	69	75	81
27.5°	28	34	40	45	51	56	61	67	73	79	86
26.25°	31	37	43	48	54	59	64	71	77	84	92
25°	33	39	45	51	56	62	68	74	81	89	97
23.75°	36	42	48	53	59	65	71	78	85	94	102
22.5°	38	44	50	56	62	68	75	81	90	98	110
21.25°	40	46	52	58	64	71	78	85	94	104	117
20°	42	48	54	60	67	74	81	89	98	110	124
18.75°	44	50	56	62	69	76	84	93	103	117	130
17.5°	46	52	58	64	72	79	88	97	109	123	137
16.25°	48	54	60	67	74	81	91	100	114	128	145
15°	49	55	62	69	76	84	94	104	119	134	151
13.75°	51	57	63	71	78	87	97	109	124	140	158
12.5°	52	58	65	72	80	89	99	113	128	145	163
11.25°	53	60	66	74	82	92	102	117	132	150	169
10°	54	61	68	75	84	94	105	120	136	155	174
8.75°	55	62	69	77	85	96	108	123	140	159	179
7.5°	56	63	70	78	87	97	110	126	143	162	184
6.25°	57	63	71	79	88	98	112	128	146	165	188
5°	57	64	72	80	89	100	114	130	148	168	191
3.75°	58	64	72	80	90	100	116	131	150	170	194
2.5°	58	65	73	81	91	101	117	132	152	171	196
1.25°	58	65	73	81	91	101	117	133	152	172	197
0°	58	65	73	81	91	102	117	133	153	172	197
-1.25°	58	65	73	81	91	101	117	133	152	172	197
-2.5°	58	65	73	81	91	101	117	132	152	171	196
-3.75°	58	64	72	80	90	100	116	131	150	170	194
-5°	57	64	72	80	89	100	114	130	148	168	191
-6.25°	57	63	71	79	88	98	112	128	146	165	188
-7.5°	56	63	70	78	87	97	110	126	143	162	184
-8.75°	55	62	69	77	85	96	108	123	140	159	179
-10°	54	61	68	75	84	94	105	120	136	155	174
-11.25°	53	60	66	74	82	92	102	117	132	150	169
-12.5°	52	58	65	72	80	89	99	113	128	145	163
-13.75°	51	57	63	71	78	87	97	109	124	140	158
-15°	49	55	62	69	76	84	94	104	119	134	151
-16.25°	48	54	60	67	74	81	91	100	114	128	145
-17.5°	46	52	58	64	72	79	88	97	109	123	137
-18.75°	44	50	56	62	69	76	84	93	103	117	130
-20°	42	48	54	60	67	74	81	89	98	110	124
-21.25°	40	46	52	58	64	71	78	85	94	104	117



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	38	44	50	56	62	68	75	81	90	98	110
-23.75°	36	42	48	53	59	65	71	78	85	94	102
-25°	33	39	45	51	56	62	68	74	81	89	97
-26.25°	31	37	43	48	54	59	64	71	77	84	92
-27.5°	28	34	40	45	51	56	61	67	73	79	86
-28.75°	25	31	37	42	48	53	58	63	69	75	81
-30°	22	28	34	40	45	50	55	60	65	71	76
-31.25°	18	25	30	36	42	47	51	56	61	66	72
-32.5°	15	21	27	33	38	43	48	53	58	62	67
-33.75°	11	17	24	29	35	40	44	49	54	58	63
-35°	8	14	20	25	31	36	41	45	50	54	59
-36.25°	6	10	16	21	27	32	37	42	46	50	55
-37.5°	6	6	11	17	23	28	33	38	42	46	50
-38.75°	5	6	7	13	18	24	28	33	38	42	46
-40°	5	6	6	8	14	19	24	29	33	38	42
-41.25°	5	5	6	6	9	14	19	24	28	33	37
-42.5°	5	5	5	6	6	9	14	19	24	28	32
-43.75°	4	5	5	5	6	6	9	14	18	23	27
-45°	4	4	5	5	5	6	6	8	13	17	21
-46.25°	4	4	4	5	5	5	6	6	7	11	16
-47.5°	4	4	4	4	5	5	5	6	6	6	10
-48.75°	4	4	4	4	4	5	5	5	5	6	6
-50°	4	4	4	4	4	4	4	5	5	5	6
-51.25°	4	4	4	4	4	4	4	4	5	5	5
-52.5°	4	4	4	4	4	4	4	4	4	4	5
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	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	3	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	2	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	3	3	3	3
-67.5°	1	2	2	2	2	2	2	2	2	2	3
-68.75°	1	1	1	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	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	2	2	2
72.5°	1	1	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	3	3	3	3
68.75°	2	2	2	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	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	4	4	4
62.5°	3	3	3	3	4	4	4	4	4	4	4
61.25°	3	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	5	5	5
56.25°	4	4	4	4	4	5	5	5	5	5	5
55°	4	4	4	5	5	5	5	5	6	6	6
53.75°	4	5	5	5	5	6	6	6	6	8	10
52.5°	5	5	5	6	6	6	8	10	13	15	18
51.25°	5	6	6	6	8	12	14	17	20	23	25
50°	6	6	8	12	15	18	21	24	27	29	32
48.75°	8	11	15	18	22	25	28	31	33	36	38
47.5°	14	17	21	25	28	31	34	37	39	42	44
46.25°	20	24	27	30	34	37	40	43	45	48	50
45°	25	29	33	36	40	42	45	48	51	53	56
43.75°	31	35	38	42	45	48	51	54	56	59	62
42.5°	36	40	43	47	50	53	56	59	62	65	68
41.25°	41	44	48	51	55	58	61	64	68	71	75
40°	45	49	53	56	60	63	67	71	74	78	81
38.75°	50	54	58	61	65	69	73	77	81	85	90
37.5°	54	58	62	66	71	75	79	84	89	94	98
36.25°	59	63	67	72	76	81	86	92	97	102	110
35°	63	68	73	77	82	88	94	100	107	115	123



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	68	73	78	83	90	96	102	111	119	128	136
32.5°	73	78	84	90	97	104	113	122	131	141	152
31.25°	77	83	90	97	105	115	125	134	145	156	167
30°	82	90	97	105	115	126	136	148	160	171	185
28.75°	88	96	104	115	126	137	149	162	174	190	204
27.5°	94	102	113	125	136	149	163	176	192	208	224
26.25°	100	111	122	134	148	162	176	193	210	229	256
25°	107	119	131	145	160	174	192	210	231	260	288
23.75°	115	128	141	156	171	190	208	229	260	290	331
22.5°	123	136	152	167	185	204	224	256	288	331	402
21.25°	130	146	161	179	199	219	250	283	322	398	471
20°	138	155	171	191	212	239	274	309	385	462	543
18.75°	147	163	182	204	226	262	298	363	445	526	621
17.5°	155	172	193	215	247	284	334	418	502	599	700
16.25°	162	182	204	228	267	304	384	471	565	670	775
15°	169	191	214	246	285	342	431	521	628	738	844
13.75°	177	200	223	263	303	384	476	578	690	802	907
12.5°	184	208	238	278	329	424	517	631	747	860	963
11.25°	192	215	251	293	364	460	564	681	799	912	1013
10°	198	222	264	305	396	493	606	727	846	956	1051
8.75°	204	232	274	325	424	524	644	768	887	996	1085
7.5°	209	241	284	348	448	555	678	803	922	1027	1107
6.25°	213	249	292	368	469	582	708	834	951	1052	1125
5°	217	255	299	385	487	604	732	858	974	1072	1139
3.75°	219	260	304	398	500	621	751	876	992	1087	1149
2.5°	221	264	308	407	510	634	764	890	1005	1096	1156
1.25°	222	266	310	412	516	642	772	898	1013	1101	1160
0°	223	267	311	414	518	645	775	901	1016	1102	1162
-1.25°	222	266	310	412	516	642	772	898	1013	1101	1160
-2.5°	221	264	308	407	510	634	764	890	1005	1096	1156
-3.75°	219	260	304	398	500	621	751	876	992	1087	1149
-5°	217	255	299	385	487	604	732	858	974	1072	1139
-6.25°	213	249	292	368	469	582	708	834	951	1052	1125
-7.5°	209	241	284	348	448	555	678	803	922	1027	1107
-8.75°	204	232	274	325	424	524	644	768	887	996	1085
-10°	198	222	264	305	396	493	606	727	846	956	1051
-11.25°	192	215	251	293	364	460	564	681	799	912	1013
-12.5°	184	208	238	278	329	424	517	631	747	860	963
-13.75°	177	200	223	263	303	384	476	578	690	802	907
-15°	169	191	214	246	285	342	431	521	628	738	844
-16.25°	162	182	204	228	267	304	384	471	565	670	775
-17.5°	155	172	193	215	247	284	334	418	502	599	700
-18.75°	147	163	182	204	226	262	298	363	445	526	621
-20°	138	155	171	191	212	239	274	309	385	462	543
-21.25°	130	146	161	179	199	219	250	283	322	398	471



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	123	136	152	167	185	204	224	256	288	331	402
-23.75°	115	128	141	156	171	190	208	229	260	290	331
-25°	107	119	131	145	160	174	192	210	231	260	288
-26.25°	100	111	122	134	148	162	176	193	210	229	256
-27.5°	94	102	113	125	136	149	163	176	192	208	224
-28.75°	88	96	104	115	126	137	149	162	174	190	204
-30°	82	90	97	105	115	126	136	148	160	171	185
-31.25°	77	83	90	97	105	115	125	134	145	156	167
-32.5°	73	78	84	90	97	104	113	122	131	141	152
-33.75°	68	73	78	83	90	96	102	111	119	128	136
-35°	63	68	73	77	82	88	94	100	107	115	123
-36.25°	59	63	67	72	76	81	86	92	97	102	110
-37.5°	54	58	62	66	71	75	79	84	89	94	98
-38.75°	50	54	58	61	65	69	73	77	81	85	90
-40°	45	49	53	56	60	63	67	71	74	78	81
-41.25°	41	44	48	51	55	58	61	64	68	71	75
-42.5°	36	40	43	47	50	53	56	59	62	65	68
-43.75°	31	35	38	42	45	48	51	54	56	59	62
-45°	25	29	33	36	40	42	45	48	51	53	56
-46.25°	20	24	27	30	34	37	40	43	45	48	50
-47.5°	14	17	21	25	28	31	34	37	39	42	44
-48.75°	8	11	15	18	22	25	28	31	33	36	38
-50°	6	6	8	12	15	18	21	24	27	29	32
-51.25°	5	6	6	6	8	12	14	17	20	23	25
-52.5°	5	5	5	6	6	6	8	10	13	15	18
-53.75°	4	5	5	5	5	6	6	6	6	8	10
-55°	4	4	4	5	5	5	5	5	6	6	6
-56.25°	4	4	4	4	4	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	4	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	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	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	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	3	3	4
65°	3	3	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	5	5	5	5
58.75°	4	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	7	9	10	11	12
55°	6	7	9	11	12	14	15	17	18	19	20
53.75°	13	15	17	19	20	22	23	25	26	27	28
52.5°	20	22	24	26	28	29	31	32	33	34	35
51.25°	27	29	31	33	35	36	38	39	40	41	42
50°	34	36	38	40	41	43	44	45	47	48	49
48.75°	40	42	44	46	48	49	51	52	53	54	55
47.5°	46	48	50	52	54	55	57	58	60	61	62
46.25°	52	54	56	58	60	62	63	65	66	68	69
45°	58	60	62	64	67	69	71	72	74	75	77
43.75°	64	67	69	72	74	76	78	80	82	84	85
42.5°	71	74	76	79	81	84	87	89	92	94	96
41.25°	78	81	84	88	91	94	97	99	102	105	108
40°	85	89	93	97	100	104	109	113	117	120	123
38.75°	94	98	103	109	114	119	124	128	132	136	140
37.5°	104	110	117	123	128	134	140	145	150	155	159
36.25°	117	124	130	137	145	151	158	163	169	174	179
35°	130	138	147	155	162	169	177	184	192	198	204



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	146	155	163	172	182	191	200	208	215	222	232
32.5°	161	171	182	193	204	214	223	238	251	264	274
31.25°	179	191	204	215	228	246	263	278	293	305	325
30°	199	212	226	247	267	285	303	329	364	396	424
28.75°	219	239	262	284	304	342	384	424	460	493	524
27.5°	250	274	298	334	384	431	476	517	564	606	644
26.25°	283	309	363	418	471	521	578	631	681	727	768
25°	322	385	445	502	565	628	690	747	799	846	887
23.75°	398	462	526	599	670	738	802	860	912	956	996
22.5°	471	543	621	700	775	844	907	963	1013	1051	1085
21.25°	548	633	718	799	874	943	1003	1052	1093	1121	1144
20°	633	724	812	892	965	1029	1081	1117	1147	1171	1194
18.75°	718	812	898	977	1044	1097	1135	1165	1194	1220	1244
17.5°	799	892	977	1049	1104	1145	1178	1210	1241	1269	1296
16.25°	874	965	1044	1104	1148	1184	1220	1255	1288	1320	1351
15°	943	1029	1097	1145	1184	1223	1262	1300	1337	1373	1402
13.75°	1003	1081	1135	1178	1220	1262	1303	1345	1385	1420	1454
12.5°	1052	1117	1165	1210	1255	1300	1345	1389	1429	1469	1512
11.25°	1093	1147	1194	1241	1288	1337	1385	1429	1475	1523	1570
10°	1121	1171	1220	1269	1320	1373	1420	1469	1523	1577	1629
8.75°	1144	1194	1244	1296	1351	1402	1454	1512	1570	1629	1684
7.5°	1163	1214	1266	1321	1378	1430	1488	1551	1615	1676	1731
6.25°	1178	1231	1286	1343	1399	1456	1519	1586	1654	1717	1771
5°	1192	1246	1302	1362	1418	1479	1547	1618	1687	1749	1803
3.75°	1202	1257	1315	1376	1434	1498	1569	1643	1713	1774	1826
2.5°	1210	1266	1325	1386	1445	1512	1585	1661	1730	1791	1843
1.25°	1215	1271	1331	1392	1452	1521	1595	1671	1741	1802	1853
0°	1216	1273	1333	1394	1454	1524	1599	1675	1745	1806	1856
-1.25°	1215	1271	1331	1392	1452	1521	1595	1671	1741	1802	1853
-2.5°	1210	1266	1325	1386	1445	1512	1585	1661	1730	1791	1843
-3.75°	1202	1257	1315	1376	1434	1498	1569	1643	1713	1774	1826
-5°	1192	1246	1302	1362	1418	1479	1547	1618	1687	1749	1803
-6.25°	1178	1231	1286	1343	1399	1456	1519	1586	1654	1717	1771
-7.5°	1163	1214	1266	1321	1378	1430	1488	1551	1615	1676	1731
-8.75°	1144	1194	1244	1296	1351	1402	1454	1512	1570	1629	1684
-10°	1121	1171	1220	1269	1320	1373	1420	1469	1523	1577	1629
-11.25°	1093	1147	1194	1241	1288	1337	1385	1429	1475	1523	1570
-12.5°	1052	1117	1165	1210	1255	1300	1345	1389	1429	1469	1512
-13.75°	1003	1081	1135	1178	1220	1262	1303	1345	1385	1420	1454
-15°	943	1029	1097	1145	1184	1223	1262	1300	1337	1373	1402
-16.25°	874	965	1044	1104	1148	1184	1220	1255	1288	1320	1351
-17.5°	799	892	977	1049	1104	1145	1178	1210	1241	1269	1296
-18.75°	718	812	898	977	1044	1097	1135	1165	1194	1220	1244
-20°	633	724	812	892	965	1029	1081	1117	1147	1171	1194
-21.25°	548	633	718	799	874	943	1003	1052	1093	1121	1144



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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	471	543	621	700	775	844	907	963	1013	1051	1085
-23.75°	398	462	526	599	670	738	802	860	912	956	996
-25°	322	385	445	502	565	628	690	747	799	846	887
-26.25°	283	309	363	418	471	521	578	631	681	727	768
-27.5°	250	274	298	334	384	431	476	517	564	606	644
-28.75°	219	239	262	284	304	342	384	424	460	493	524
-30°	199	212	226	247	267	285	303	329	364	396	424
-31.25°	179	191	204	215	228	246	263	278	293	305	325
-32.5°	161	171	182	193	204	214	223	238	251	264	274
-33.75°	146	155	163	172	182	191	200	208	215	222	232
-35°	130	138	147	155	162	169	177	184	192	198	204
-36.25°	117	124	130	137	145	151	158	163	169	174	179
-37.5°	104	110	117	123	128	134	140	145	150	155	159
-38.75°	94	98	103	109	114	119	124	128	132	136	140
-40°	85	89	93	97	100	104	109	113	117	120	123
-41.25°	78	81	84	88	91	94	97	99	102	105	108
-42.5°	71	74	76	79	81	84	87	89	92	94	96
-43.75°	64	67	69	72	74	76	78	80	82	84	85
-45°	58	60	62	64	67	69	71	72	74	75	77
-46.25°	52	54	56	58	60	62	63	65	66	68	69
-47.5°	46	48	50	52	54	55	57	58	60	61	62
-48.75°	40	42	44	46	48	49	51	52	53	54	55
-50°	34	36	38	40	41	43	44	45	47	48	49
-51.25°	27	29	31	33	35	36	38	39	40	41	42
-52.5°	20	22	24	26	28	29	31	32	33	34	35
-53.75°	13	15	17	19	20	22	23	25	26	27	28
-55°	6	7	9	11	12	14	15	17	18	19	20
-56.25°	6	6	6	6	6	6	7	9	10	11	12
-57.5°	5	5	5	5	5	6	6	6	6	6	6
-58.75°	4	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	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	2	2	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	2	2	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	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	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	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°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	6	6	6	6	6	6	6	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	12	13	14	14	14	15	15	15	14	14	14
55°	21	21	22	22	23	23	23	23	23	22	22
53.75°	28	29	30	30	30	30	31	30	30	30	30
52.5°	36	37	37	38	38	38	38	38	38	38	37
51.25°	43	43	44	44	45	45	45	45	45	44	44
50°	49	50	51	51	51	51	52	51	51	51	51
48.75°	56	57	57	58	58	58	58	58	58	58	57
47.5°	63	63	64	64	65	65	65	65	65	64	64
46.25°	70	71	72	72	73	73	73	73	73	72	72
45°	78	79	80	80	81	81	81	81	81	80	80
43.75°	87	88	89	90	91	91	91	91	91	90	89
42.5°	97	98	100	100	101	101	102	101	101	100	100
41.25°	110	112	114	116	117	117	117	117	117	116	114
40°	126	128	130	131	132	133	133	133	132	131	130
38.75°	143	146	148	150	152	152	153	152	152	150	148
37.5°	162	165	168	170	171	172	172	172	171	170	168
36.25°	184	188	191	194	196	197	197	197	196	194	191
35°	209	213	217	219	221	222	223	222	221	219	217



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	241	249	255	260	264	266	267	266	264	260	255
32.5°	284	292	299	304	308	310	311	310	308	304	299
31.25°	348	368	385	398	407	412	414	412	407	398	385
30°	448	469	487	500	510	516	518	516	510	500	487
28.75°	555	582	604	621	634	642	645	642	634	621	604
27.5°	678	708	732	751	764	772	775	772	764	751	732
26.25°	803	834	858	876	890	898	901	898	890	876	858
25°	922	951	974	992	1005	1013	1016	1013	1005	992	974
23.75°	1027	1052	1072	1087	1096	1101	1102	1101	1096	1087	1072
22.5°	1107	1125	1139	1149	1156	1160	1162	1160	1156	1149	1139
21.25°	1163	1178	1192	1202	1210	1215	1216	1215	1210	1202	1192
20°	1214	1231	1246	1257	1266	1271	1273	1271	1266	1257	1246
18.75°	1266	1286	1302	1315	1325	1331	1333	1331	1325	1315	1302
17.5°	1321	1343	1362	1376	1386	1392	1394	1392	1386	1376	1362
16.25°	1378	1399	1418	1434	1445	1452	1454	1452	1445	1434	1418
15°	1430	1456	1479	1498	1512	1521	1524	1521	1512	1498	1479
13.75°	1488	1519	1547	1569	1585	1595	1599	1595	1585	1569	1547
12.5°	1551	1586	1618	1643	1661	1671	1675	1671	1661	1643	1618
11.25°	1615	1654	1687	1713	1730	1741	1745	1741	1730	1713	1687
10°	1676	1717	1749	1774	1791	1802	1806	1802	1791	1774	1749
8.75°	1731	1771	1803	1826	1843	1853	1856	1853	1843	1826	1803
7.5°	1778	1816	1846	1869	1886	1894	1897	1894	1886	1869	1846
6.25°	1816	1853	1883	1903	1916	1922	1924	1922	1916	1903	1883
5°	1846	1883	1909	1924	1931	1933	1934	1933	1931	1924	1909
3.75°	1869	1903	1924	1932	1935	1935	1934	1935	1935	1932	1924
2.5°	1886	1916	1931	1935	1933	1928	1926	1928	1933	1935	1931
1.25°	1894	1922	1933	1935	1928	1922	1921	1922	1928	1935	1933
0°	1897	1924	1934	1934	1926	1921	1927	1921	1926	1934	1934
-1.25°	1894	1922	1933	1935	1928	1922	1921	1922	1928	1935	1933
-2.5°	1886	1916	1931	1935	1933	1928	1926	1928	1933	1935	1931
-3.75°	1869	1903	1924	1932	1935	1935	1934	1935	1935	1932	1924
-5°	1846	1883	1909	1924	1931	1933	1934	1933	1931	1924	1909
-6.25°	1816	1853	1883	1903	1916	1922	1924	1922	1916	1903	1883
-7.5°	1778	1816	1846	1869	1886	1894	1897	1894	1886	1869	1846
-8.75°	1731	1771	1803	1826	1843	1853	1856	1853	1843	1826	1803
-10°	1676	1717	1749	1774	1791	1802	1806	1802	1791	1774	1749
-11.25°	1615	1654	1687	1713	1730	1741	1745	1741	1730	1713	1687
-12.5°	1551	1586	1618	1643	1661	1671	1675	1671	1661	1643	1618
-13.75°	1488	1519	1547	1569	1585	1595	1599	1595	1585	1569	1547
-15°	1430	1456	1479	1498	1512	1521	1524	1521	1512	1498	1479
-16.25°	1378	1399	1418	1434	1445	1452	1454	1452	1445	1434	1418
-17.5°	1321	1343	1362	1376	1386	1392	1394	1392	1386	1376	1362
-18.75°	1266	1286	1302	1315	1325	1331	1333	1331	1325	1315	1302
-20°	1214	1231	1246	1257	1266	1271	1273	1271	1266	1257	1246
-21.25°	1163	1178	1192	1202	1210	1215	1216	1215	1210	1202	1192



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1107	1125	1139	1149	1156	1160	1162	1160	1156	1149	1139
-23.75°	1027	1052	1072	1087	1096	1101	1102	1101	1096	1087	1072
-25°	922	951	974	992	1005	1013	1016	1013	1005	992	974
-26.25°	803	834	858	876	890	898	901	898	890	876	858
-27.5°	678	708	732	751	764	772	775	772	764	751	732
-28.75°	555	582	604	621	634	642	645	642	634	621	604
-30°	448	469	487	500	510	516	518	516	510	500	487
-31.25°	348	368	385	398	407	412	414	412	407	398	385
-32.5°	284	292	299	304	308	310	311	310	308	304	299
-33.75°	241	249	255	260	264	266	267	266	264	260	255
-35°	209	213	217	219	221	222	223	222	221	219	217
-36.25°	184	188	191	194	196	197	197	197	196	194	191
-37.5°	162	165	168	170	171	172	172	172	171	170	168
-38.75°	143	146	148	150	152	152	153	152	152	150	148
-40°	126	128	130	131	132	133	133	133	132	131	130
-41.25°	110	112	114	116	117	117	117	117	117	116	114
-42.5°	97	98	100	100	101	101	102	101	101	100	100
-43.75°	87	88	89	90	91	91	91	91	91	90	89
-45°	78	79	80	80	81	81	81	81	81	80	80
-46.25°	70	71	72	72	73	73	73	73	73	72	72
-47.5°	63	63	64	64	65	65	65	65	65	64	64
-48.75°	56	57	57	58	58	58	58	58	58	58	57
-50°	49	50	51	51	51	51	52	51	51	51	51
-51.25°	43	43	44	44	45	45	45	45	45	44	44
-52.5°	36	37	37	38	38	38	38	38	38	38	37
-53.75°	28	29	30	30	30	30	31	30	30	30	30
-55°	21	21	22	22	23	23	23	23	23	22	22
-56.25°	12	13	14	14	14	15	15	15	14	14	14
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	6	6	6	6	6	6	6	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	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°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	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	2	2	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	2
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°	4	4	4	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	5	5	5
56.25°	13	12	12	11	10	9	7	6	6	6	6
55°	21	21	20	19	18	17	15	14	12	11	9
53.75°	29	28	28	27	26	25	23	22	20	19	17
52.5°	37	36	35	34	33	32	31	29	28	26	24
51.25°	43	43	42	41	40	39	38	36	35	33	31
50°	50	49	49	48	47	45	44	43	41	40	38
48.75°	57	56	55	54	53	52	51	49	48	46	44
47.5°	63	63	62	61	60	58	57	55	54	52	50
46.25°	71	70	69	68	66	65	63	62	60	58	56
45°	79	78	77	75	74	72	71	69	67	64	62
43.75°	88	87	85	84	82	80	78	76	74	72	69
42.5°	98	97	96	94	92	89	87	84	81	79	76
41.25°	112	110	108	105	102	99	97	94	91	88	84
40°	128	126	123	120	117	113	109	104	100	97	93
38.75°	146	143	140	136	132	128	124	119	114	109	103
37.5°	165	162	159	155	150	145	140	134	128	123	117
36.25°	188	184	179	174	169	163	158	151	145	137	130
35°	213	209	204	198	192	184	177	169	162	155	147



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	249	241	232	222	215	208	200	191	182	172	163
32.5°	292	284	274	264	251	238	223	214	204	193	182
31.25°	368	348	325	305	293	278	263	246	228	215	204
30°	469	448	424	396	364	329	303	285	267	247	226
28.75°	582	555	524	493	460	424	384	342	304	284	262
27.5°	708	678	644	606	564	517	476	431	384	334	298
26.25°	834	803	768	727	681	631	578	521	471	418	363
25°	951	922	887	846	799	747	690	628	565	502	445
23.75°	1052	1027	996	956	912	860	802	738	670	599	526
22.5°	1125	1107	1085	1051	1013	963	907	844	775	700	621
21.25°	1178	1163	1144	1121	1093	1052	1003	943	874	799	718
20°	1231	1214	1194	1171	1147	1117	1081	1029	965	892	812
18.75°	1286	1266	1244	1220	1194	1165	1135	1097	1044	977	898
17.5°	1343	1321	1296	1269	1241	1210	1178	1145	1104	1049	977
16.25°	1399	1378	1351	1320	1288	1255	1220	1184	1148	1104	1044
15°	1456	1430	1402	1373	1337	1300	1262	1223	1184	1145	1097
13.75°	1519	1488	1454	1420	1385	1345	1303	1262	1220	1178	1135
12.5°	1586	1551	1512	1469	1429	1389	1345	1300	1255	1210	1165
11.25°	1654	1615	1570	1523	1475	1429	1385	1337	1288	1241	1194
10°	1717	1676	1629	1577	1523	1469	1420	1373	1320	1269	1220
8.75°	1771	1731	1684	1629	1570	1512	1454	1402	1351	1296	1244
7.5°	1816	1778	1731	1676	1615	1551	1488	1430	1378	1321	1266
6.25°	1853	1816	1771	1717	1654	1586	1519	1456	1399	1343	1286
5°	1883	1846	1803	1749	1687	1618	1547	1479	1418	1362	1302
3.75°	1903	1869	1826	1774	1713	1643	1569	1498	1434	1376	1315
2.5°	1916	1886	1843	1791	1730	1661	1585	1512	1445	1386	1325
1.25°	1922	1894	1853	1802	1741	1671	1595	1521	1452	1392	1331
0°	1924	1897	1856	1806	1745	1675	1599	1524	1454	1394	1333
-1.25°	1922	1894	1853	1802	1741	1671	1595	1521	1452	1392	1331
-2.5°	1916	1886	1843	1791	1730	1661	1585	1512	1445	1386	1325
-3.75°	1903	1869	1826	1774	1713	1643	1569	1498	1434	1376	1315
-5°	1883	1846	1803	1749	1687	1618	1547	1479	1418	1362	1302
-6.25°	1853	1816	1771	1717	1654	1586	1519	1456	1399	1343	1286
-7.5°	1816	1778	1731	1676	1615	1551	1488	1430	1378	1321	1266
-8.75°	1771	1731	1684	1629	1570	1512	1454	1402	1351	1296	1244
-10°	1717	1676	1629	1577	1523	1469	1420	1373	1320	1269	1220
-11.25°	1654	1615	1570	1523	1475	1429	1385	1337	1288	1241	1194
-12.5°	1586	1551	1512	1469	1429	1389	1345	1300	1255	1210	1165
-13.75°	1519	1488	1454	1420	1385	1345	1303	1262	1220	1178	1135
-15°	1456	1430	1402	1373	1337	1300	1262	1223	1184	1145	1097
-16.25°	1399	1378	1351	1320	1288	1255	1220	1184	1148	1104	1044
-17.5°	1343	1321	1296	1269	1241	1210	1178	1145	1104	1049	977
-18.75°	1286	1266	1244	1220	1194	1165	1135	1097	1044	977	898
-20°	1231	1214	1194	1171	1147	1117	1081	1029	965	892	812
-21.25°	1178	1163	1144	1121	1093	1052	1003	943	874	799	718



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1125	1107	1085	1051	1013	963	907	844	775	700	621
-23.75°	1052	1027	996	956	912	860	802	738	670	599	526
-25°	951	922	887	846	799	747	690	628	565	502	445
-26.25°	834	803	768	727	681	631	578	521	471	418	363
-27.5°	708	678	644	606	564	517	476	431	384	334	298
-28.75°	582	555	524	493	460	424	384	342	304	284	262
-30°	469	448	424	396	364	329	303	285	267	247	226
-31.25°	368	348	325	305	293	278	263	246	228	215	204
-32.5°	292	284	274	264	251	238	223	214	204	193	182
-33.75°	249	241	232	222	215	208	200	191	182	172	163
-35°	213	209	204	198	192	184	177	169	162	155	147
-36.25°	188	184	179	174	169	163	158	151	145	137	130
-37.5°	165	162	159	155	150	145	140	134	128	123	117
-38.75°	146	143	140	136	132	128	124	119	114	109	103
-40°	128	126	123	120	117	113	109	104	100	97	93
-41.25°	112	110	108	105	102	99	97	94	91	88	84
-42.5°	98	97	96	94	92	89	87	84	81	79	76
-43.75°	88	87	85	84	82	80	78	76	74	72	69
-45°	79	78	77	75	74	72	71	69	67	64	62
-46.25°	71	70	69	68	66	65	63	62	60	58	56
-47.5°	63	63	62	61	60	58	57	55	54	52	50
-48.75°	57	56	55	54	53	52	51	49	48	46	44
-50°	50	49	49	48	47	45	44	43	41	40	38
-51.25°	43	43	42	41	40	39	38	36	35	33	31
-52.5°	37	36	35	34	33	32	31	29	28	26	24
-53.75°	29	28	28	27	26	25	23	22	20	19	17
-55°	21	21	20	19	18	17	15	14	12	11	9
-56.25°	13	12	12	11	10	9	7	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	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	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	4	4	4	4	4	4
56.25°	6	6	5	5	5	5	5	5	4	4	4
55°	7	6	6	6	6	5	5	5	5	5	4
53.75°	15	13	10	8	6	6	6	6	5	5	5
52.5°	22	20	18	15	13	10	8	6	6	6	5
51.25°	29	27	25	23	20	17	14	12	8	6	6
50°	36	34	32	29	27	24	21	18	15	12	8
48.75°	42	40	38	36	33	31	28	25	22	18	15
47.5°	48	46	44	42	39	37	34	31	28	25	21
46.25°	54	52	50	48	45	43	40	37	34	30	27
45°	60	58	56	53	51	48	45	42	40	36	33
43.75°	67	64	62	59	56	54	51	48	45	42	38
42.5°	74	71	68	65	62	59	56	53	50	47	43
41.25°	81	78	75	71	68	64	61	58	55	51	48
40°	89	85	81	78	74	71	67	63	60	56	53
38.75°	98	94	90	85	81	77	73	69	65	61	58
37.5°	110	104	98	94	89	84	79	75	71	66	62
36.25°	124	117	110	102	97	92	86	81	76	72	67
35°	138	130	123	115	107	100	94	88	82	77	73



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	155	146	136	128	119	111	102	96	90	83	78
32.5°	171	161	152	141	131	122	113	104	97	90	84
31.25°	191	179	167	156	145	134	125	115	105	97	90
30°	212	199	185	171	160	148	136	126	115	105	97
28.75°	239	219	204	190	174	162	149	137	126	115	104
27.5°	274	250	224	208	192	176	163	149	136	125	113
26.25°	309	283	256	229	210	193	176	162	148	134	122
25°	385	322	288	260	231	210	192	174	160	145	131
23.75°	462	398	331	290	260	229	208	190	171	156	141
22.5°	543	471	402	331	288	256	224	204	185	167	152
21.25°	633	548	471	398	322	283	250	219	199	179	161
20°	724	633	543	462	385	309	274	239	212	191	171
18.75°	812	718	621	526	445	363	298	262	226	204	182
17.5°	892	799	700	599	502	418	334	284	247	215	193
16.25°	965	874	775	670	565	471	384	304	267	228	204
15°	1029	943	844	738	628	521	431	342	285	246	214
13.75°	1081	1003	907	802	690	578	476	384	303	263	223
12.5°	1117	1052	963	860	747	631	517	424	329	278	238
11.25°	1147	1093	1013	912	799	681	564	460	364	293	251
10°	1171	1121	1051	956	846	727	606	493	396	305	264
8.75°	1194	1144	1085	996	887	768	644	524	424	325	274
7.5°	1214	1163	1107	1027	922	803	678	555	448	348	284
6.25°	1231	1178	1125	1052	951	834	708	582	469	368	292
5°	1246	1192	1139	1072	974	858	732	604	487	385	299
3.75°	1257	1202	1149	1087	992	876	751	621	500	398	304
2.5°	1266	1210	1156	1096	1005	890	764	634	510	407	308
1.25°	1271	1215	1160	1101	1013	898	772	642	516	412	310
0°	1273	1216	1162	1102	1016	901	775	645	518	414	311
-1.25°	1271	1215	1160	1101	1013	898	772	642	516	412	310
-2.5°	1266	1210	1156	1096	1005	890	764	634	510	407	308
-3.75°	1257	1202	1149	1087	992	876	751	621	500	398	304
-5°	1246	1192	1139	1072	974	858	732	604	487	385	299
-6.25°	1231	1178	1125	1052	951	834	708	582	469	368	292
-7.5°	1214	1163	1107	1027	922	803	678	555	448	348	284
-8.75°	1194	1144	1085	996	887	768	644	524	424	325	274
-10°	1171	1121	1051	956	846	727	606	493	396	305	264
-11.25°	1147	1093	1013	912	799	681	564	460	364	293	251
-12.5°	1117	1052	963	860	747	631	517	424	329	278	238
-13.75°	1081	1003	907	802	690	578	476	384	303	263	223
-15°	1029	943	844	738	628	521	431	342	285	246	214
-16.25°	965	874	775	670	565	471	384	304	267	228	204
-17.5°	892	799	700	599	502	418	334	284	247	215	193
-18.75°	812	718	621	526	445	363	298	262	226	204	182
-20°	724	633	543	462	385	309	274	239	212	191	171
-21.25°	633	548	471	398	322	283	250	219	199	179	161



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	543	471	402	331	288	256	224	204	185	167	152
-23.75°	462	398	331	290	260	229	208	190	171	156	141
-25°	385	322	288	260	231	210	192	174	160	145	131
-26.25°	309	283	256	229	210	193	176	162	148	134	122
-27.5°	274	250	224	208	192	176	163	149	136	125	113
-28.75°	239	219	204	190	174	162	149	137	126	115	104
-30°	212	199	185	171	160	148	136	126	115	105	97
-31.25°	191	179	167	156	145	134	125	115	105	97	90
-32.5°	171	161	152	141	131	122	113	104	97	90	84
-33.75°	155	146	136	128	119	111	102	96	90	83	78
-35°	138	130	123	115	107	100	94	88	82	77	73
-36.25°	124	117	110	102	97	92	86	81	76	72	67
-37.5°	110	104	98	94	89	84	79	75	71	66	62
-38.75°	98	94	90	85	81	77	73	69	65	61	58
-40°	89	85	81	78	74	71	67	63	60	56	53
-41.25°	81	78	75	71	68	64	61	58	55	51	48
-42.5°	74	71	68	65	62	59	56	53	50	47	43
-43.75°	67	64	62	59	56	54	51	48	45	42	38
-45°	60	58	56	53	51	48	45	42	40	36	33
-46.25°	54	52	50	48	45	43	40	37	34	30	27
-47.5°	48	46	44	42	39	37	34	31	28	25	21
-48.75°	42	40	38	36	33	31	28	25	22	18	15
-50°	36	34	32	29	27	24	21	18	15	12	8
-51.25°	29	27	25	23	20	17	14	12	8	6	6
-52.5°	22	20	18	15	13	10	8	6	6	6	5
-53.75°	15	13	10	8	6	6	6	6	5	5	5
-55°	7	6	6	6	6	5	5	5	5	5	4
-56.25°	6	6	5	5	5	5	5	5	4	4	4
-57.5°	5	5	5	5	5	4	4	4	4	4	4
-58.75°	5	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	3	3
-63.75°	4	4	4	4	4	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	2
-70°	3	3	3	3	3	3	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	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



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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	1
67.5°	3	3	3	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	5	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	4	4	4	4	4	4	4	4
51.25°	6	5	5	5	5	4	4	4	4	4	4
50°	6	6	6	5	5	5	4	4	4	4	4
48.75°	11	8	6	6	5	5	5	5	4	4	4
47.5°	17	14	10	6	6	6	5	5	5	4	4
46.25°	24	20	16	11	7	6	6	5	5	5	4
45°	29	25	21	17	13	8	6	6	5	5	5
43.75°	35	31	27	23	18	14	9	6	6	5	5
42.5°	40	36	32	28	24	19	14	9	6	6	5
41.25°	44	41	37	33	28	24	19	14	9	6	6
40°	49	45	42	38	33	29	24	19	14	8	6
38.75°	54	50	46	42	38	33	28	24	18	13	7
37.5°	58	54	50	46	42	38	33	28	23	17	11
36.25°	63	59	55	50	46	42	37	32	27	21	16
35°	68	63	59	54	50	45	41	36	31	25	20



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	73	68	63	58	54	49	44	40	35	29	24
32.5°	78	73	67	62	58	53	48	43	38	33	27
31.25°	83	77	72	66	61	56	51	47	42	36	30
30°	90	82	76	71	65	60	55	50	45	40	34
28.75°	96	88	81	75	69	63	58	53	48	42	37
27.5°	102	94	86	79	73	67	61	56	51	45	40
26.25°	111	100	92	84	77	71	64	59	54	48	43
25°	119	107	97	89	81	74	68	62	56	51	45
23.75°	128	115	102	94	85	78	71	65	59	53	48
22.5°	136	123	110	98	90	81	75	68	62	56	50
21.25°	146	130	117	104	94	85	78	71	64	58	52
20°	155	138	124	110	98	89	81	74	67	60	54
18.75°	163	147	130	117	103	93	84	76	69	62	56
17.5°	172	155	137	123	109	97	88	79	72	64	58
16.25°	182	162	145	128	114	100	91	81	74	67	60
15°	191	169	151	134	119	104	94	84	76	69	62
13.75°	200	177	158	140	124	109	97	87	78	71	63
12.5°	208	184	163	145	128	113	99	89	80	72	65
11.25°	215	192	169	150	132	117	102	92	82	74	66
10°	222	198	174	155	136	120	105	94	84	75	68
8.75°	232	204	179	159	140	123	108	96	85	77	69
7.5°	241	209	184	162	143	126	110	97	87	78	70
6.25°	249	213	188	165	146	128	112	98	88	79	71
5°	255	217	191	168	148	130	114	100	89	80	72
3.75°	260	219	194	170	150	131	116	100	90	80	72
2.5°	264	221	196	171	152	132	117	101	91	81	73
1.25°	266	222	197	172	152	133	117	101	91	81	73
0°	267	223	197	172	153	133	117	102	91	81	73
-1.25°	266	222	197	172	152	133	117	101	91	81	73
-2.5°	264	221	196	171	152	132	117	101	91	81	73
-3.75°	260	219	194	170	150	131	116	100	90	80	72
-5°	255	217	191	168	148	130	114	100	89	80	72
-6.25°	249	213	188	165	146	128	112	98	88	79	71
-7.5°	241	209	184	162	143	126	110	97	87	78	70
-8.75°	232	204	179	159	140	123	108	96	85	77	69
-10°	222	198	174	155	136	120	105	94	84	75	68
-11.25°	215	192	169	150	132	117	102	92	82	74	66
-12.5°	208	184	163	145	128	113	99	89	80	72	65
-13.75°	200	177	158	140	124	109	97	87	78	71	63
-15°	191	169	151	134	119	104	94	84	76	69	62
-16.25°	182	162	145	128	114	100	91	81	74	67	60
-17.5°	172	155	137	123	109	97	88	79	72	64	58
-18.75°	163	147	130	117	103	93	84	76	69	62	56
-20°	155	138	124	110	98	89	81	74	67	60	54
-21.25°	146	130	117	104	94	85	78	71	64	58	52



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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	136	123	110	98	90	81	75	68	62	56	50
-23.75°	128	115	102	94	85	78	71	65	59	53	48
-25°	119	107	97	89	81	74	68	62	56	51	45
-26.25°	111	100	92	84	77	71	64	59	54	48	43
-27.5°	102	94	86	79	73	67	61	56	51	45	40
-28.75°	96	88	81	75	69	63	58	53	48	42	37
-30°	90	82	76	71	65	60	55	50	45	40	34
-31.25°	83	77	72	66	61	56	51	47	42	36	30
-32.5°	78	73	67	62	58	53	48	43	38	33	27
-33.75°	73	68	63	58	54	49	44	40	35	29	24
-35°	68	63	59	54	50	45	41	36	31	25	20
-36.25°	63	59	55	50	46	42	37	32	27	21	16
-37.5°	58	54	50	46	42	38	33	28	23	17	11
-38.75°	54	50	46	42	38	33	28	24	18	13	7
-40°	49	45	42	38	33	29	24	19	14	8	6
-41.25°	44	41	37	33	28	24	19	14	9	6	6
-42.5°	40	36	32	28	24	19	14	9	6	6	5
-43.75°	35	31	27	23	18	14	9	6	6	5	5
-45°	29	25	21	17	13	8	6	6	5	5	5
-46.25°	24	20	16	11	7	6	6	5	5	5	4
-47.5°	17	14	10	6	6	6	5	5	5	4	4
-48.75°	11	8	6	6	5	5	5	5	4	4	4
-50°	6	6	6	5	5	5	4	4	4	4	4
-51.25°	6	5	5	5	5	4	4	4	4	4	4
-52.5°	5	5	5	4	4	4	4	4	4	4	4
-53.75°	5	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	4	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	2
-65°	3	3	3	3	3	3	3	3	2	2	2
-66.25°	3	3	3	3	3	3	2	2	2	2	2
-67.5°	3	3	3	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	1
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	2	2	2	2	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	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°	2	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	3	2	2	2	2	2	2	2	1	1	1
61.25°	3	3	3	2	2	2	2	2	2	1	1
60°	3	3	3	3	2	2	2	2	2	2	1
58.75°	3	3	3	3	3	3	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	4	3	3	3	3	3	3	3	3	3	2
52.5°	4	4	3	3	3	3	3	3	3	3	2
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	5	4	4	4	4	4	4	4	3	3	3
42.5°	5	5	4	4	4	4	4	4	3	3	3
41.25°	5	5	4	4	4	4	4	4	4	3	3
40°	6	5	5	4	4	4	4	4	4	3	3
38.75°	6	5	5	5	4	4	4	4	4	4	3
37.5°	6	6	5	5	4	4	4	4	4	4	3
36.25°	10	6	6	5	5	4	4	4	4	4	4
35°	14	8	6	5	5	4	4	4	4	4	4



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	17	11	6	6	5	5	4	4	4	4	4
32.5°	21	15	8	6	5	5	4	4	4	4	4
31.25°	25	18	12	6	6	5	5	4	4	4	4
30°	28	22	15	8	6	5	5	4	4	4	4
28.75°	31	25	18	12	6	6	5	5	4	4	4
27.5°	34	28	21	14	8	6	5	5	4	4	4
26.25°	37	31	24	17	10	6	5	5	4	4	4
25°	39	33	27	20	13	6	6	5	5	4	4
23.75°	42	36	29	23	15	8	6	5	5	4	4
22.5°	44	38	32	25	18	10	6	5	5	4	4
21.25°	46	40	34	27	20	13	6	6	5	4	4
20°	48	42	36	29	22	15	7	6	5	5	4
18.75°	50	44	38	31	24	17	9	6	5	5	4
17.5°	52	46	40	33	26	19	11	6	5	5	4
16.25°	54	48	41	35	28	20	12	6	5	5	4
15°	55	49	43	36	29	22	14	6	6	5	4
13.75°	57	51	44	38	31	23	15	7	6	5	4
12.5°	58	52	45	39	32	25	17	9	6	5	5
11.25°	60	53	47	40	33	26	18	10	6	5	5
10°	61	54	48	41	34	27	19	11	6	5	5
8.75°	62	55	49	42	35	28	20	12	6	5	5
7.5°	63	56	49	43	36	28	21	12	6	5	5
6.25°	63	57	50	43	37	29	21	13	6	5	5
5°	64	57	51	44	37	30	22	14	6	5	5
3.75°	64	58	51	44	38	30	22	14	6	6	5
2.5°	65	58	51	45	38	30	23	14	6	6	5
1.25°	65	58	51	45	38	30	23	15	6	6	5
0°	65	58	52	45	38	31	23	15	6	6	5
-1.25°	65	58	51	45	38	30	23	14	6	6	5
-2.5°	65	58	51	45	38	30	23	14	6	6	5
-3.75°	64	58	51	44	38	30	22	14	6	6	5
-5°	64	57	51	44	37	30	22	14	6	5	5
-6.25°	63	57	50	43	37	29	21	13	6	5	5
-7.5°	63	56	49	43	36	28	21	12	6	5	5
-8.75°	62	55	49	42	35	28	20	12	6	5	5
-10°	61	54	48	41	34	27	19	11	6	5	5
-11.25°	60	53	47	40	33	26	18	10	6	5	5
-12.5°	58	52	45	39	32	25	17	9	6	5	5
-13.75°	57	51	44	38	31	23	15	7	6	5	4
-15°	55	49	43	36	29	22	14	6	6	5	4
-16.25°	54	48	41	35	28	20	12	6	5	5	4
-17.5°	52	46	40	33	26	19	11	6	5	5	4
-18.75°	50	44	38	31	24	17	9	6	5	5	4
-20°	48	42	36	29	22	15	7	6	5	5	4
-21.25°	46	40	34	27	20	13	6	6	5	4	4



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	44	38	32	25	18	10	6	5	5	4	4
-23.75°	42	36	29	23	15	8	6	5	5	4	4
-25°	39	33	27	20	13	6	6	5	5	4	4
-26.25°	37	31	24	17	10	6	5	5	4	4	4
-27.5°	34	28	21	14	8	6	5	5	4	4	4
-28.75°	31	25	18	12	6	6	5	5	4	4	4
-30°	28	22	15	8	6	5	5	4	4	4	4
-31.25°	25	18	12	6	6	5	5	4	4	4	4
-32.5°	21	15	8	6	5	5	4	4	4	4	4
-33.75°	17	11	6	6	5	5	4	4	4	4	4
-35°	14	8	6	5	5	4	4	4	4	4	4
-36.25°	10	6	6	5	5	4	4	4	4	4	4
-37.5°	6	6	5	5	4	4	4	4	4	4	3
-38.75°	6	5	5	5	4	4	4	4	4	4	3
-40°	6	5	5	4	4	4	4	4	4	3	3
-41.25°	5	5	4	4	4	4	4	4	4	3	3
-42.5°	5	5	4	4	4	4	4	4	3	3	3
-43.75°	5	4	4	4	4	4	4	4	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	4	3	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	4	4	3	3	3	3	3	3	3	3	2
-53.75°	4	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	1
-61.25°	3	3	3	2	2	2	2	2	2	1	1
-62.5°	3	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	1
-67.5°	2	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: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	0	0	0
-83.75°	1	1	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	1	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	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°	2	1	1	1	1	1	1	1	1	1	1
56.25°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	1	1	1	1	1	1	1
50°	3	2	2	2	2	1	1	1	1	1	1
48.75°	3	2	2	2	2	1	1	1	1	1	1
47.5°	3	3	2	2	2	2	1	1	1	1	1
46.25°	3	3	2	2	2	2	1	1	1	1	1
45°	3	3	3	2	2	2	2	1	1	1	1
43.75°	3	3	3	2	2	2	2	1	1	1	1
42.5°	3	3	3	3	2	2	2	1	1	1	1
41.25°	3	3	3	3	2	2	2	2	1	1	1
40°	3	3	3	3	3	2	2	2	1	1	1
38.75°	3	3	3	3	3	2	2	2	1	1	1
37.5°	3	3	3	3	3	2	2	2	2	1	1
36.25°	3	3	3	3	3	3	2	2	2	1	1
35°	3	3	3	3	3	3	2	2	2	1	1



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	4	3	3	3	3	3	2	2	2	1	1
32.5°	4	3	3	3	3	3	2	2	2	2	1
31.25°	4	3	3	3	3	3	3	2	2	2	1
30°	4	4	3	3	3	3	3	2	2	2	1
28.75°	4	4	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	1
26.25°	4	4	3	3	3	3	3	3	2	2	1
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	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	4	3	3	3	3	2	2	2
17.5°	4	4	4	4	3	3	3	3	3	2	2
16.25°	4	4	4	4	3	3	3	3	3	2	2
15°	4	4	4	4	3	3	3	3	3	2	2
13.75°	4	4	4	4	3	3	3	3	3	2	2
12.5°	4	4	4	4	3	3	3	3	3	2	2
11.25°	4	4	4	4	3	3	3	3	3	2	2
10°	4	4	4	4	3	3	3	3	3	2	2
8.75°	4	4	4	4	4	3	3	3	3	2	2
7.5°	4	4	4	4	4	3	3	3	3	2	2
6.25°	4	4	4	4	4	3	3	3	3	2	2
5°	4	4	4	4	4	3	3	3	3	2	2
3.75°	4	4	4	4	4	3	3	3	3	2	2
2.5°	4	4	4	4	4	3	3	3	3	2	2
1.25°	4	4	4	4	4	3	3	3	3	2	2
0°	4	4	4	4	4	3	3	3	3	2	2
-1.25°	4	4	4	4	4	3	3	3	3	2	2
-2.5°	4	4	4	4	4	3	3	3	3	2	2
-3.75°	4	4	4	4	4	3	3	3	3	2	2
-5°	4	4	4	4	4	3	3	3	3	2	2
-6.25°	4	4	4	4	4	3	3	3	3	2	2
-7.5°	4	4	4	4	4	3	3	3	3	2	2
-8.75°	4	4	4	4	4	3	3	3	3	2	2
-10°	4	4	4	4	3	3	3	3	3	2	2
-11.25°	4	4	4	4	3	3	3	3	3	2	2
-12.5°	4	4	4	4	3	3	3	3	3	2	2
-13.75°	4	4	4	4	3	3	3	3	3	2	2
-15°	4	4	4	4	3	3	3	3	3	2	2
-16.25°	4	4	4	4	3	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	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	1	1	0	0	0	0	0
-80°	1	1	1	1	0	0	0	0	0	0	0
-81.25°	1	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4097-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220708 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)