

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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3097-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

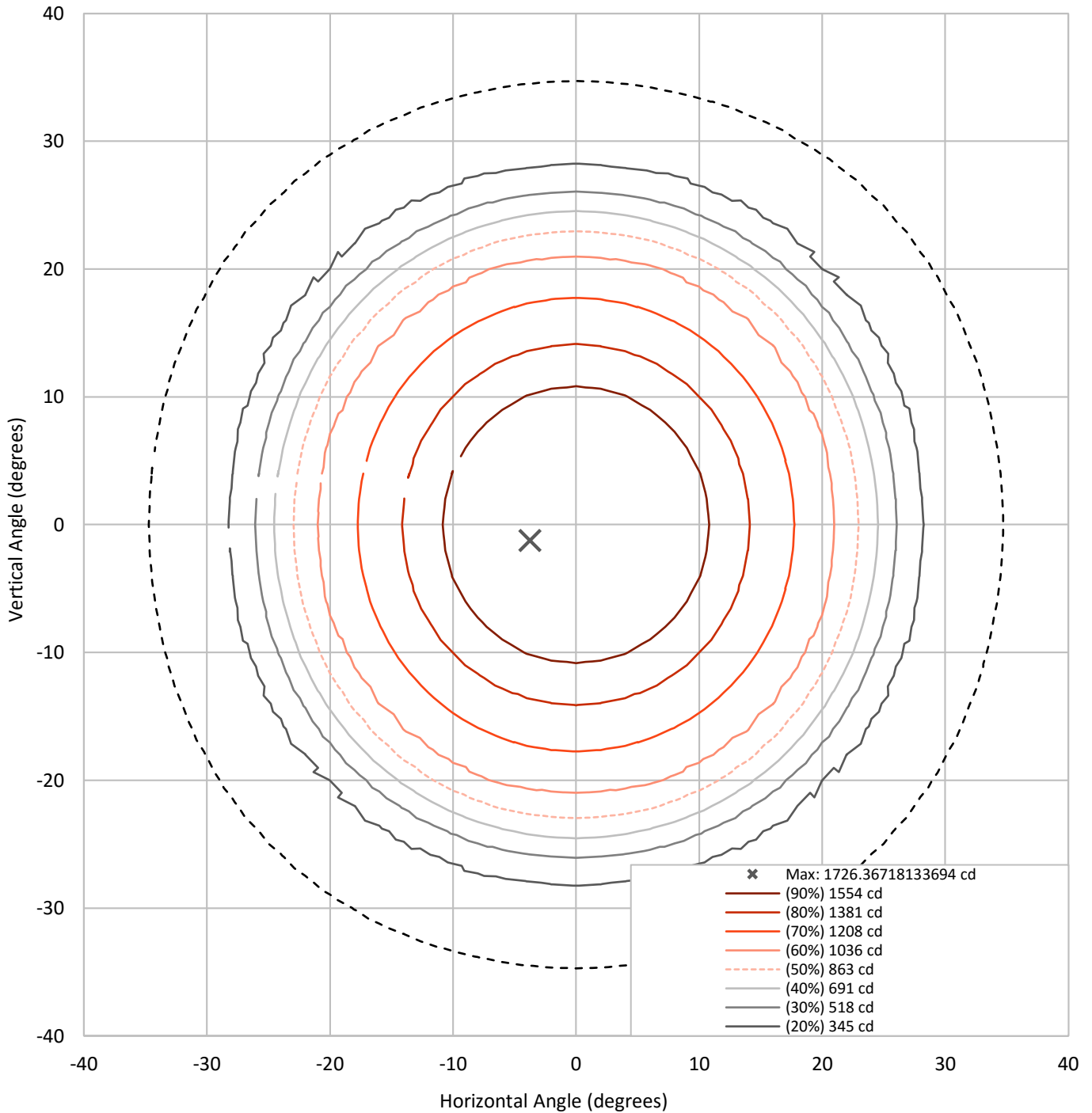
Test Method: LM-79-08
Report Number: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	965.2 lumens	Max Intensity:	1726.4 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	48.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46°H x 45.5°V	Field Angle (10%):	69.2°H x 69°V
Beam Lumens:	652.6 lumens	Field Lumens:	884.5 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
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]-[RW, RI]-LED3097-W-BK-L2-UNV

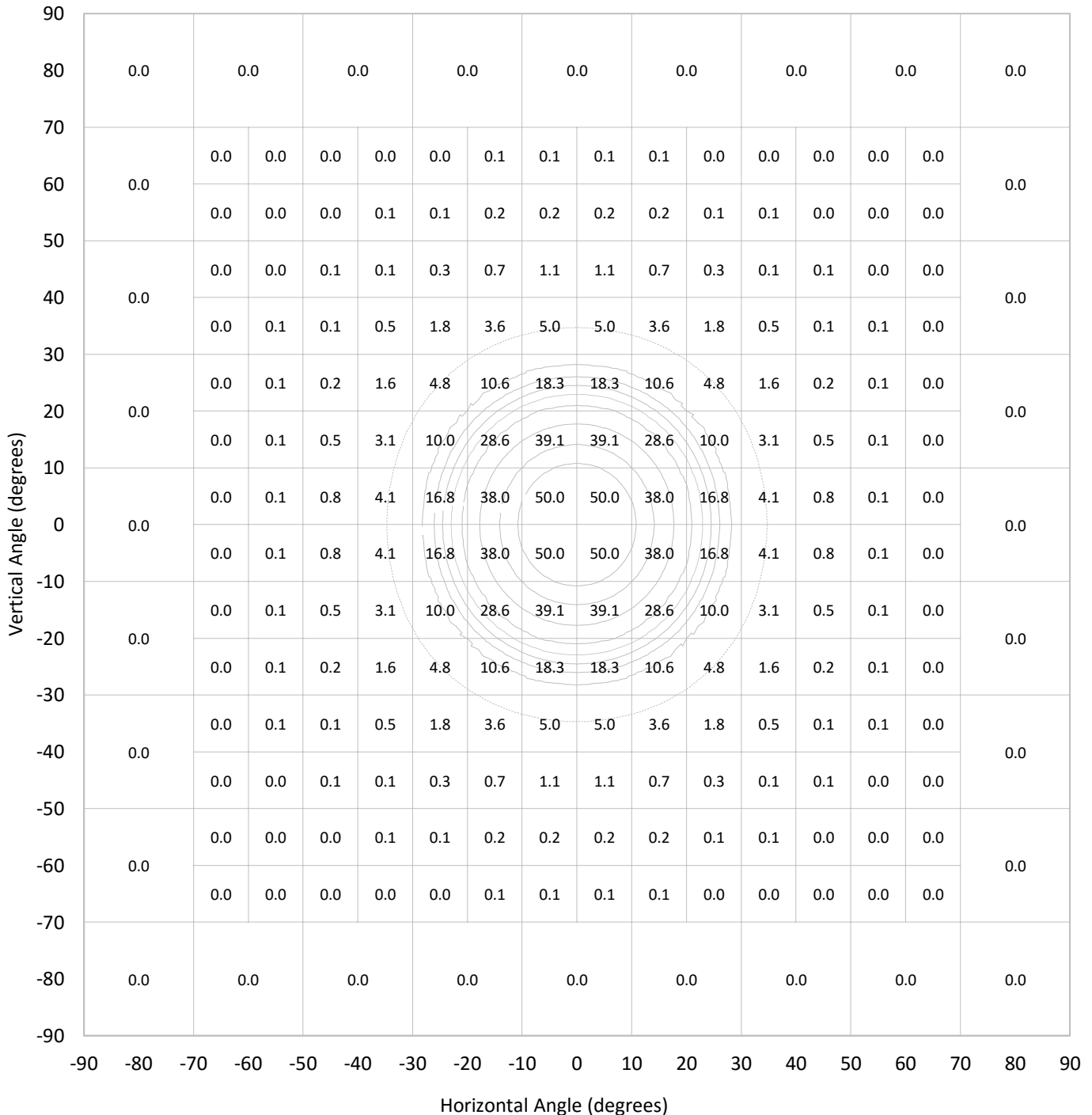
Iso-Candela Plot





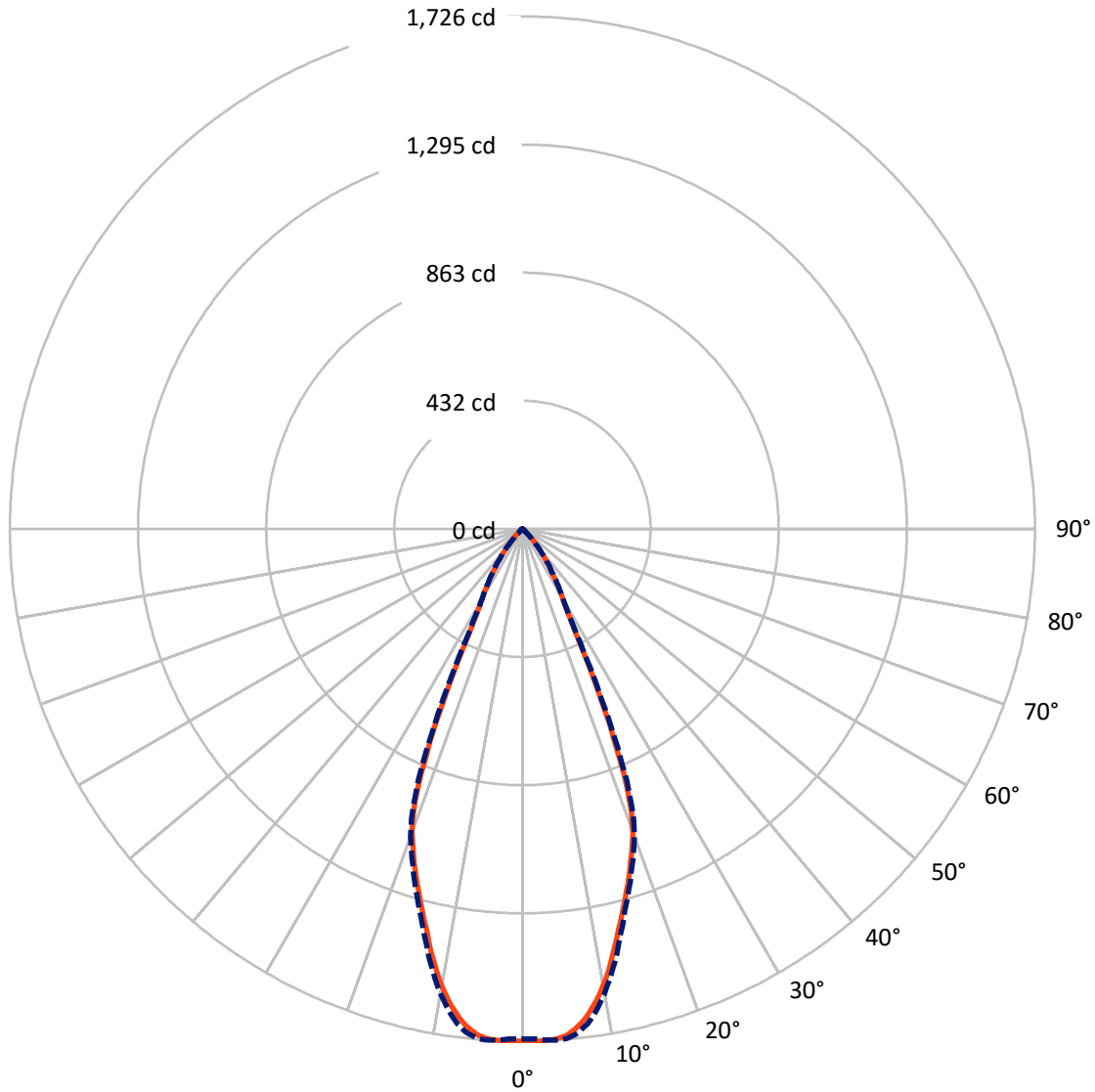
REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-W-BK-L2-UNV

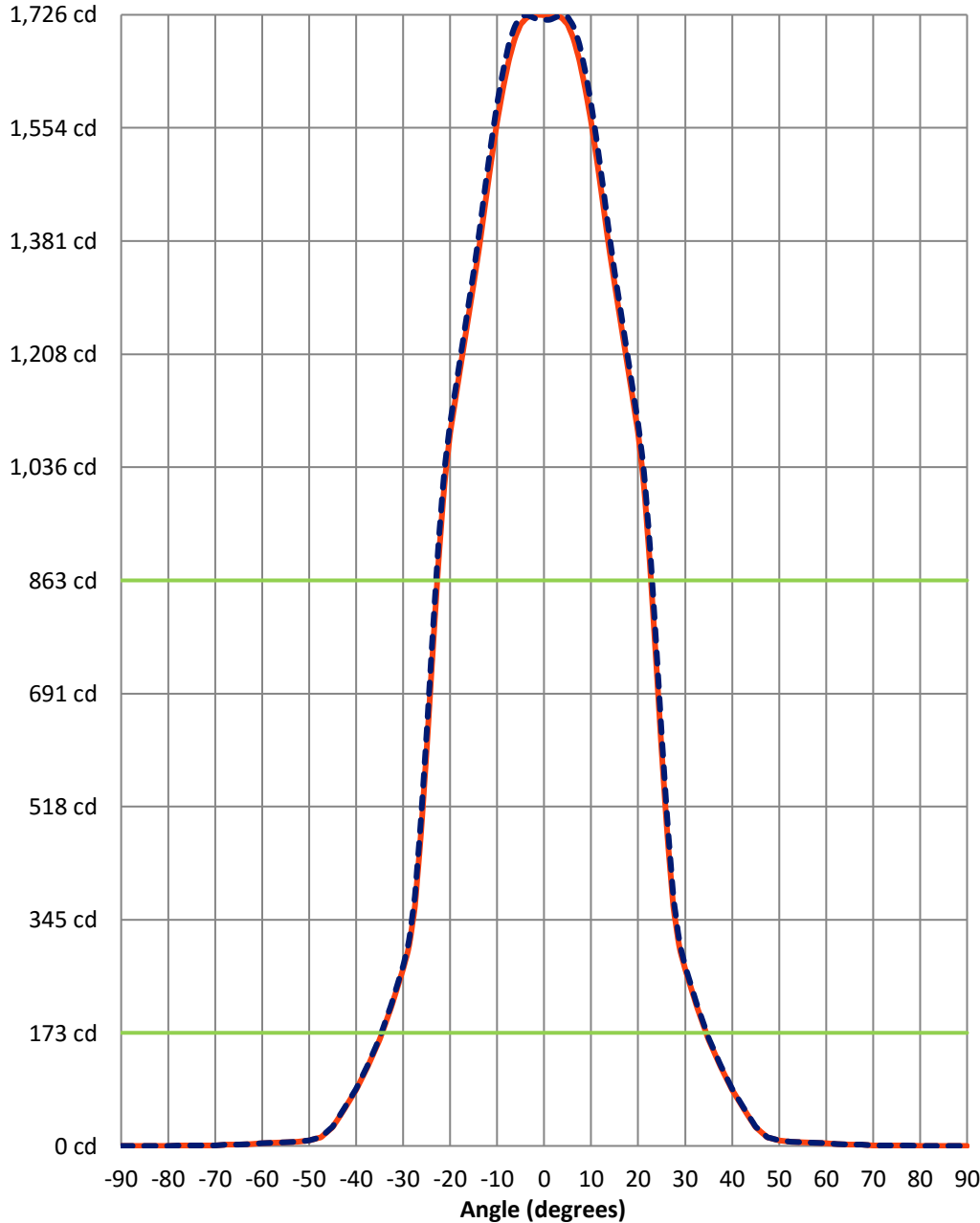
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 652.6
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 884.5
 Efficiency: 91.6%

Spill:
 Lumens: 80.7
 Efficiency: 8.4%

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



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	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	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	1
17.5°	0	0	0	0	0	0	0	0	0	0	1
16.25°	0	0	0	0	0	0	0	0	0	0	1
15°	0	0	0	0	0	0	0	0	0	0	1
13.75°	0	0	0	0	0	0	0	0	0	0	1
12.5°	0	0	0	0	0	0	0	0	0	0	1
11.25°	0	0	0	0	0	0	0	0	0	0	1
10°	0	0	0	0	0	0	0	0	0	0	1
8.75°	0	0	0	0	0	0	0	0	0	0	1
7.5°	0	0	0	0	0	0	0	0	0	0	1
6.25°	0	0	0	0	0	0	0	0	0	0	1
5°	0	0	0	0	0	0	0	0	0	0	1
3.75°	0	0	0	0	0	0	0	0	0	0	1
2.5°	0	0	0	0	0	0	0	0	0	0	1
1.25°	0	0	0	0	0	0	0	0	0	0	1
0°	0	0	0	0	0	0	0	0	0	0	1
-1.25°	0	0	0	0	0	0	0	0	0	0	1
-2.5°	0	0	0	0	0	0	0	0	0	0	1
-3.75°	0	0	0	0	0	0	0	0	0	0	1
-5°	0	0	0	0	0	0	0	0	0	0	1
-6.25°	0	0	0	0	0	0	0	0	0	0	1
-7.5°	0	0	0	0	0	0	0	0	0	0	1
-8.75°	0	0	0	0	0	0	0	0	0	0	1
-10°	0	0	0	0	0	0	0	0	0	0	1
-11.25°	0	0	0	0	0	0	0	0	0	0	1
-12.5°	0	0	0	0	0	0	0	0	0	0	1
-13.75°	0	0	0	0	0	0	0	0	0	0	1
-15°	0	0	0	0	0	0	0	0	0	0	1
-16.25°	0	0	0	0	0	0	0	0	0	0	1
-17.5°	0	0	0	0	0	0	0	0	0	0	1
-18.75°	0	0	0	0	0	0	0	0	0	0	1
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	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	1
60°	0	0	0	0	0	0	0	0	0	1	1
58.75°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	0	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	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	1	1	1	1	1	1	1
48.75°	0	0	0	0	1	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
46.25°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	1
43.75°	0	0	0	1	1	1	1	1	1	1	1
42.5°	0	0	1	1	1	1	1	1	1	1	1
41.25°	0	0	1	1	1	1	1	1	1	1	1
40°	0	0	1	1	1	1	1	1	1	1	1
38.75°	0	0	1	1	1	1	1	1	1	1	1
37.5°	0	1	1	1	1	1	1	1	1	1	1
36.25°	0	1	1	1	1	1	1	1	1	1	1
35°	0	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	0	1	1	1	1	1	1	1	1	1	2
32.5°	0	1	1	1	1	1	1	1	1	1	2
31.25°	0	1	1	1	1	1	1	1	1	1	2
30°	1	1	1	1	1	1	1	1	1	2	2
28.75°	1	1	1	1	1	1	1	1	1	2	2
27.5°	1	1	1	1	1	1	1	1	1	2	2
26.25°	1	1	1	1	1	1	1	1	1	2	2
25°	1	1	1	1	1	1	1	1	1	2	2
23.75°	1	1	1	1	1	1	1	1	2	2	2
22.5°	1	1	1	1	1	1	1	1	2	2	2
21.25°	1	1	1	1	1	1	1	1	2	2	2
20°	1	1	1	1	1	1	1	1	2	2	2
18.75°	1	1	1	1	1	1	1	1	2	2	2
17.5°	1	1	1	1	1	1	1	1	2	2	2
16.25°	1	1	1	1	1	1	1	2	2	2	2
15°	1	1	1	1	1	1	1	2	2	2	2
13.75°	1	1	1	1	1	1	1	2	2	2	2
12.5°	1	1	1	1	1	1	1	2	2	2	2
11.25°	1	1	1	1	1	1	1	2	2	2	2
10°	1	1	1	1	1	1	1	2	2	2	2
8.75°	1	1	1	1	1	1	1	2	2	2	2
7.5°	1	1	1	1	1	1	1	2	2	2	2
6.25°	1	1	1	1	1	1	1	2	2	2	2
5°	1	1	1	1	1	1	1	2	2	2	2
3.75°	1	1	1	1	1	1	1	2	2	2	2
2.5°	1	1	1	1	1	1	1	2	2	2	2
1.25°	1	1	1	1	1	1	1	2	2	2	2
0°	1	1	1	1	1	1	1	2	2	2	2
-1.25°	1	1	1	1	1	1	1	2	2	2	2
-2.5°	1	1	1	1	1	1	1	2	2	2	2
-3.75°	1	1	1	1	1	1	1	2	2	2	2
-5°	1	1	1	1	1	1	1	2	2	2	2
-6.25°	1	1	1	1	1	1	1	2	2	2	2
-7.5°	1	1	1	1	1	1	1	2	2	2	2
-8.75°	1	1	1	1	1	1	1	2	2	2	2
-10°	1	1	1	1	1	1	1	2	2	2	2
-11.25°	1	1	1	1	1	1	1	2	2	2	2
-12.5°	1	1	1	1	1	1	1	2	2	2	2
-13.75°	1	1	1	1	1	1	1	2	2	2	2
-15°	1	1	1	1	1	1	1	2	2	2	2
-16.25°	1	1	1	1	1	1	1	2	2	2	2
-17.5°	1	1	1	1	1	1	1	1	2	2	2
-18.75°	1	1	1	1	1	1	1	1	2	2	2
-20°	1	1	1	1	1	1	1	1	2	2	2
-21.25°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	1	1	1	1	1	1	2	2	2
-23.75°	1	1	1	1	1	1	1	1	2	2	2
-25°	1	1	1	1	1	1	1	1	1	2	2
-26.25°	1	1	1	1	1	1	1	1	1	2	2
-27.5°	1	1	1	1	1	1	1	1	1	2	2
-28.75°	1	1	1	1	1	1	1	1	1	2	2
-30°	1	1	1	1	1	1	1	1	1	2	2
-31.25°	0	1	1	1	1	1	1	1	1	1	2
-32.5°	0	1	1	1	1	1	1	1	1	1	2
-33.75°	0	1	1	1	1	1	1	1	1	1	2
-35°	0	1	1	1	1	1	1	1	1	1	1
-36.25°	0	1	1	1	1	1	1	1	1	1	1
-37.5°	0	1	1	1	1	1	1	1	1	1	1
-38.75°	0	0	1	1	1	1	1	1	1	1	1
-40°	0	0	1	1	1	1	1	1	1	1	1
-41.25°	0	0	1	1	1	1	1	1	1	1	1
-42.5°	0	0	1	1	1	1	1	1	1	1	1
-43.75°	0	0	0	1	1	1	1	1	1	1	1
-45°	0	0	0	1	1	1	1	1	1	1	1
-46.25°	0	0	0	1	1	1	1	1	1	1	1
-47.5°	0	0	0	0	1	1	1	1	1	1	1
-48.75°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	1	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	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	0	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	0	1	1	1
-60°	0	0	0	0	0	0	0	0	0	1	1
-61.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	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	1
70°	0	0	0	0	0	0	0	0	1	1	1
68.75°	0	0	0	0	0	0	1	1	1	1	1
67.5°	0	0	0	0	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°	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	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	2	2	2	2	2
48.75°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	1	2	2	2	2	2	2
46.25°	1	1	1	1	2	2	2	2	2	2	2
45°	1	1	1	2	2	2	2	2	2	2	3
43.75°	1	1	1	2	2	2	2	2	2	3	3
42.5°	1	1	2	2	2	2	2	2	3	3	3
41.25°	1	1	2	2	2	2	2	2	3	3	4
40°	1	2	2	2	2	2	2	3	3	3	4
38.75°	1	2	2	2	2	2	3	3	3	4	4
37.5°	2	2	2	2	2	2	3	3	4	4	4
36.25°	2	2	2	2	2	3	3	3	4	4	5
35°	2	2	2	2	2	3	3	4	4	4	5



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	2	2	2	2	3	3	3	4	4	5	5
32.5°	2	2	2	2	3	3	4	4	4	5	5
31.25°	2	2	2	2	3	3	4	4	5	5	5
30°	2	2	2	3	3	4	4	4	5	5	5
28.75°	2	2	2	3	3	4	4	5	5	5	5
27.5°	2	2	2	3	3	4	4	5	5	5	6
26.25°	2	2	3	3	4	4	4	5	5	5	6
25°	2	2	3	3	4	4	5	5	5	5	6
23.75°	2	2	3	3	4	4	5	5	5	6	6
22.5°	2	2	3	3	4	4	5	5	5	6	6
21.25°	2	3	3	4	4	5	5	5	5	6	6
20°	2	3	3	4	4	5	5	5	6	6	6
18.75°	2	3	3	4	4	5	5	5	6	6	6
17.5°	2	3	3	4	4	5	5	5	6	6	7
16.25°	2	3	3	4	4	5	5	5	6	6	7
15°	3	3	4	4	5	5	5	6	6	6	7
13.75°	3	3	4	4	5	5	5	6	6	6	7
12.5°	3	3	4	4	5	5	5	6	6	7	8
11.25°	3	3	4	4	5	5	5	6	6	7	8
10°	3	3	4	4	5	5	5	6	6	7	8
8.75°	3	3	4	4	5	5	5	6	6	7	8
7.5°	3	3	4	4	5	5	5	6	6	7	8
6.25°	3	3	4	4	5	5	5	6	6	7	8
5°	3	3	4	5	5	5	5	6	6	7	8
3.75°	3	3	4	5	5	5	5	6	6	7	8
2.5°	3	3	4	5	5	5	5	6	6	7	8
1.25°	3	3	4	5	5	5	5	6	6	7	8
0°	3	4	4	5	5	5	5	6	6	7	8
-1.25°	3	3	4	5	5	5	5	6	6	7	8
-2.5°	3	3	4	5	5	5	5	6	6	7	8
-3.75°	3	3	4	5	5	5	5	6	6	7	8
-5°	3	3	4	5	5	5	5	6	6	7	8
-6.25°	3	3	4	4	5	5	5	6	6	7	8
-7.5°	3	3	4	4	5	5	5	6	6	7	8
-8.75°	3	3	4	4	5	5	5	6	6	7	8
-10°	3	3	4	4	5	5	5	6	6	7	8
-11.25°	3	3	4	4	5	5	5	6	6	7	8
-12.5°	3	3	4	4	5	5	5	6	6	7	8
-13.75°	3	3	4	4	5	5	5	6	6	6	7
-15°	3	3	4	4	5	5	5	6	6	6	7
-16.25°	2	3	3	4	4	5	5	5	6	6	7
-17.5°	2	3	3	4	4	5	5	5	6	6	7
-18.75°	2	3	3	4	4	5	5	5	6	6	6
-20°	2	3	3	4	4	5	5	5	6	6	6
-21.25°	2	3	3	4	4	5	5	5	5	6	6



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	2	2	3	3	4	4	5	5	5	6	6
-23.75°	2	2	3	3	4	4	5	5	5	6	6
-25°	2	2	3	3	4	4	5	5	5	5	6
-26.25°	2	2	3	3	4	4	4	5	5	5	6
-27.5°	2	2	2	3	3	4	4	5	5	5	6
-28.75°	2	2	2	3	3	4	4	5	5	5	5
-30°	2	2	2	3	3	4	4	4	5	5	5
-31.25°	2	2	2	2	3	3	4	4	5	5	5
-32.5°	2	2	2	2	3	3	4	4	4	5	5
-33.75°	2	2	2	2	3	3	3	4	4	5	5
-35°	2	2	2	2	2	3	3	4	4	4	5
-36.25°	2	2	2	2	2	3	3	3	4	4	5
-37.5°	2	2	2	2	2	2	3	3	4	4	4
-38.75°	1	2	2	2	2	2	3	3	3	4	4
-40°	1	2	2	2	2	2	2	3	3	3	4
-41.25°	1	1	2	2	2	2	2	2	3	3	4
-42.5°	1	1	2	2	2	2	2	2	3	3	3
-43.75°	1	1	1	2	2	2	2	2	2	3	3
-45°	1	1	1	2	2	2	2	2	2	2	3
-46.25°	1	1	1	1	2	2	2	2	2	2	2
-47.5°	1	1	1	1	1	2	2	2	2	2	2
-48.75°	1	1	1	1	1	2	2	2	2	2	2
-50°	1	1	1	1	1	1	2	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	1	2	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°	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	0	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	1	1	1	1	1
-70°	0	0	0	0	0	0	0	0	1	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	1	1
73.75°	0	0	0	0	0	1	1	1	1	1	1
72.5°	0	0	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	2	2
61.25°	1	1	1	1	1	1	1	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	1	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	2	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	4	4
51.25°	2	2	2	2	3	3	3	3	4	4	4
50°	2	2	2	3	3	3	4	4	4	4	5
48.75°	2	3	3	3	3	4	4	4	4	5	5
47.5°	3	3	3	3	4	4	4	5	5	5	5
46.25°	3	3	3	4	4	4	5	5	5	5	5
45°	3	3	4	4	4	5	5	5	5	5	6
43.75°	3	4	4	4	5	5	5	5	5	6	6
42.5°	4	4	4	5	5	5	5	5	6	6	6
41.25°	4	4	5	5	5	5	5	6	6	6	6
40°	4	5	5	5	5	5	6	6	6	6	7
38.75°	4	5	5	5	5	6	6	6	6	7	8
37.5°	5	5	5	5	6	6	6	6	7	8	8
36.25°	5	5	5	6	6	6	6	7	8	8	10
35°	5	5	5	6	6	6	7	8	8	10	11



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	5	5	6	6	6	7	7	8	9	11	13
32.5°	5	6	6	6	6	7	8	9	11	12	16
31.25°	5	6	6	6	7	8	8	10	12	15	20
30°	6	6	6	7	7	8	10	12	13	19	25
28.75°	6	6	6	7	8	9	11	13	18	24	30
27.5°	6	6	7	8	8	10	12	15	22	28	37
26.25°	6	6	7	8	9	11	13	19	26	34	45
25°	6	7	7	8	10	12	16	23	29	41	52
23.75°	6	7	8	9	11	13	20	26	36	47	59
22.5°	6	7	8	10	12	16	23	30	42	54	66
21.25°	7	8	9	11	13	19	26	36	48	60	72
20°	7	8	10	12	15	22	29	41	54	66	79
18.75°	7	8	10	12	18	25	34	47	59	72	85
17.5°	8	9	11	13	20	28	39	52	64	78	92
16.25°	8	9	12	15	23	30	43	56	70	83	98
15°	8	10	12	17	25	34	47	61	74	88	105
13.75°	8	10	13	19	27	38	51	65	79	94	111
12.5°	9	11	13	21	29	41	55	69	83	99	116
11.25°	9	11	15	23	31	44	58	72	86	103	121
10°	9	12	16	24	34	47	61	75	90	108	125
8.75°	10	12	17	25	36	50	64	78	94	112	130
7.5°	10	13	18	26	38	52	66	81	97	115	134
6.25°	10	13	19	27	40	54	68	83	100	118	137
5°	11	13	20	28	41	55	70	84	102	120	140
3.75°	11	13	21	29	42	56	71	86	104	122	142
2.5°	11	13	21	29	43	57	72	87	105	123	143
1.25°	11	13	21	30	44	58	73	87	106	124	144
0°	11	13	22	30	44	58	73	88	106	124	145
-1.25°	11	13	21	30	44	58	73	87	106	124	144
-2.5°	11	13	21	29	43	57	72	87	105	123	143
-3.75°	11	13	21	29	42	56	71	86	104	122	142
-5°	11	13	20	28	41	55	70	84	102	120	140
-6.25°	10	13	19	27	40	54	68	83	100	118	137
-7.5°	10	13	18	26	38	52	66	81	97	115	134
-8.75°	10	12	17	25	36	50	64	78	94	112	130
-10°	9	12	16	24	34	47	61	75	90	108	125
-11.25°	9	11	15	23	31	44	58	72	86	103	121
-12.5°	9	11	13	21	29	41	55	69	83	99	116
-13.75°	8	10	13	19	27	38	51	65	79	94	111
-15°	8	10	12	17	25	34	47	61	74	88	105
-16.25°	8	9	12	15	23	30	43	56	70	83	98
-17.5°	8	9	11	13	20	28	39	52	64	78	92
-18.75°	7	8	10	12	18	25	34	47	59	72	85
-20°	7	8	10	12	15	22	29	41	54	66	79
-21.25°	7	8	9	11	13	19	26	36	48	60	72



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	6	7	8	10	12	16	23	30	42	54	66
-23.75°	6	7	8	9	11	13	20	26	36	47	59
-25°	6	7	7	8	10	12	16	23	29	41	52
-26.25°	6	6	7	8	9	11	13	19	26	34	45
-27.5°	6	6	7	8	8	10	12	15	22	28	37
-28.75°	6	6	6	7	8	9	11	13	18	24	30
-30°	6	6	6	7	7	8	10	12	13	19	25
-31.25°	5	6	6	6	7	8	8	10	12	15	20
-32.5°	5	6	6	6	6	7	8	9	11	12	16
-33.75°	5	5	6	6	6	7	7	8	9	11	13
-35°	5	5	5	6	6	6	7	8	8	10	11
-36.25°	5	5	5	6	6	6	6	7	8	8	10
-37.5°	5	5	5	5	6	6	6	6	7	8	8
-38.75°	4	5	5	5	5	6	6	6	6	7	8
-40°	4	5	5	5	5	5	6	6	6	6	7
-41.25°	4	4	5	5	5	5	5	6	6	6	6
-42.5°	4	4	4	5	5	5	5	5	6	6	6
-43.75°	3	4	4	4	5	5	5	5	5	6	6
-45°	3	3	4	4	4	5	5	5	5	5	6
-46.25°	3	3	3	4	4	4	5	5	5	5	5
-47.5°	3	3	3	3	4	4	4	5	5	5	5
-48.75°	2	3	3	3	3	4	4	4	4	5	5
-50°	2	2	2	3	3	3	4	4	4	4	5
-51.25°	2	2	2	2	3	3	3	3	4	4	4
-52.5°	2	2	2	2	2	3	3	3	3	4	4
-53.75°	2	2	2	2	2	2	2	3	3	3	3
-55°	2	2	2	2	2	2	2	2	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	3
-57.5°	1	1	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	1	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-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°	0	0	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	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	2	2
65°	1	1	1	1	2	2	2	2	2	2	2
63.75°	1	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	3	3	3	3
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	2	3	3	3	3	3	3	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	4	4	4	4	4	4	5	5	5
53.75°	4	4	4	4	4	5	5	5	5	5	5
52.5°	4	4	4	5	5	5	5	5	5	5	5
51.25°	4	5	5	5	5	5	5	5	5	6	6
50°	5	5	5	5	5	5	6	6	6	6	6
48.75°	5	5	5	5	6	6	6	6	6	6	6
47.5°	5	5	6	6	6	6	6	6	7	7	7
46.25°	5	6	6	6	6	6	7	7	7	8	8
45°	6	6	6	6	7	7	8	8	8	9	10
43.75°	6	6	6	7	7	8	8	9	10	11	12
42.5°	6	7	7	8	8	9	10	11	12	13	16
41.25°	7	7	8	8	10	11	12	13	16	20	23
40°	8	8	9	10	12	13	15	19	23	26	30
38.75°	8	9	11	12	13	18	22	26	29	36	42
37.5°	10	11	12	15	19	24	28	34	41	47	54
36.25°	11	13	16	20	25	30	37	45	52	59	66
35°	13	16	21	26	32	40	48	55	63	71	78



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	16	21	27	33	42	50	58	66	74	82	90
32.5°	21	27	33	42	51	60	69	77	86	95	105
31.25°	26	33	42	52	61	70	79	88	99	109	119
30°	32	42	51	61	71	80	90	102	113	123	135
28.75°	40	50	60	70	80	91	103	115	126	138	150
27.5°	48	58	69	79	90	103	115	128	141	153	166
26.25°	55	66	77	88	102	115	128	141	155	169	185
25°	63	74	86	99	113	126	141	155	170	187	203
23.75°	71	82	95	109	123	138	153	169	187	205	222
22.5°	78	90	105	119	135	150	166	185	203	222	242
21.25°	85	99	114	130	146	162	181	200	220	241	262
20°	92	108	123	140	156	175	195	215	238	260	282
18.75°	100	116	132	150	167	188	209	232	255	277	303
17.5°	108	124	141	159	179	201	223	247	271	297	336
16.25°	115	132	150	169	191	213	237	262	288	323	383
15°	121	139	158	179	202	225	251	276	306	356	438
13.75°	128	147	165	189	212	237	263	291	332	402	503
12.5°	134	153	174	198	222	249	275	307	363	454	568
11.25°	140	159	182	206	232	259	287	328	401	507	630
10°	145	165	189	213	241	268	299	348	440	559	691
8.75°	150	171	195	221	249	277	313	378	481	608	745
7.5°	154	176	201	227	256	285	327	404	518	652	792
6.25°	157	181	206	233	262	292	339	427	552	691	832
5°	160	184	210	238	266	298	352	452	581	724	865
3.75°	162	187	213	241	270	303	365	471	604	749	889
2.5°	164	189	215	244	273	309	375	485	620	767	907
1.25°	165	191	216	245	275	312	381	493	630	778	917
0°	165	191	217	246	275	313	383	496	633	781	920
-1.25°	165	191	217	246	275	313	383	496	633	781	920
-2.5°	164	189	215	244	273	309	375	485	620	767	907
-3.75°	162	187	213	241	270	303	365	471	604	749	889
-5°	160	184	210	238	266	298	352	452	581	724	865
-6.25°	157	181	206	233	262	292	339	427	552	691	832
-7.5°	154	176	201	227	256	285	327	404	518	652	792
-8.75°	150	171	195	221	249	277	313	378	481	608	745
-10°	145	165	189	213	241	268	299	348	440	559	691
-11.25°	140	159	182	206	232	259	287	328	401	507	630
-12.5°	134	153	174	198	222	249	275	307	363	454	568
-13.75°	128	147	165	189	212	237	263	291	332	402	503
-15°	121	139	158	179	202	225	251	276	306	356	438
-16.25°	115	132	150	169	191	213	237	262	288	323	383
-17.5°	108	124	141	159	179	201	223	247	271	297	336
-18.75°	100	116	132	150	167	188	209	232	255	277	303
-20°	92	108	123	140	156	175	195	215	238	260	282
-21.25°	85	99	114	130	146	162	181	200	220	241	262



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	78	90	105	119	135	150	166	185	203	222	242
-23.75°	71	82	95	109	123	138	153	169	187	205	222
-25°	63	74	86	99	113	126	141	155	170	187	203
-26.25°	55	66	77	88	102	115	128	141	155	169	185
-27.5°	48	58	69	79	90	103	115	128	141	153	166
-28.75°	40	50	60	70	80	91	103	115	126	138	150
-30°	32	42	51	61	71	80	90	102	113	123	135
-31.25°	26	33	42	52	61	70	79	88	99	109	119
-32.5°	21	27	33	42	51	60	69	77	86	95	105
-33.75°	16	21	27	33	42	50	58	66	74	82	90
-35°	13	16	21	26	32	40	48	55	63	71	78
-36.25°	11	13	16	20	25	30	37	45	52	59	66
-37.5°	10	11	12	15	19	24	28	34	41	47	54
-38.75°	8	9	11	12	13	18	22	26	29	36	42
-40°	8	8	9	10	12	13	15	19	23	26	30
-41.25°	7	7	8	8	10	11	12	13	16	20	23
-42.5°	6	7	7	8	8	9	10	11	12	13	16
-43.75°	6	6	6	7	7	8	8	9	10	11	12
-45°	6	6	6	6	7	7	8	8	8	9	10
-46.25°	5	6	6	6	6	6	7	7	7	8	8
-47.5°	5	5	6	6	6	6	6	6	7	7	7
-48.75°	5	5	5	5	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	6	6	6	6	6
-51.25°	4	5	5	5	5	5	5	5	5	6	6
-52.5°	4	4	4	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	5	5	5	5	5	5
-55°	3	3	4	4	4	4	4	4	5	5	5
-56.25°	3	3	3	3	4	4	4	4	4	4	4
-57.5°	2	3	3	3	3	3	3	4	4	4	4
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	1	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	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	0	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	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	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	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	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	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	6	6	6	6	6	6
52.5°	5	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	7	7	7	7
50°	6	6	6	7	7	7	7	8	8	8	8
48.75°	7	7	7	8	8	8	8	9	9	9	10
47.5°	8	8	8	9	9	10	10	11	11	12	12
46.25°	9	10	10	11	12	12	13	13	15	16	17
45°	11	12	12	13	15	17	19	21	23	24	25
43.75°	13	15	18	20	23	25	27	29	31	34	36
42.5°	19	22	25	28	30	34	38	41	44	47	50
41.25°	26	29	34	39	43	47	51	55	58	61	64
40°	36	41	47	52	56	61	65	69	72	75	78
38.75°	48	54	59	64	70	74	79	83	86	90	94
37.5°	60	66	72	78	83	88	94	99	103	108	112
36.25°	72	79	85	92	98	105	111	116	121	125	130
35°	85	92	100	108	115	121	128	134	140	145	150



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	99	108	116	124	132	139	147	153	159	165	171
32.5°	114	123	132	141	150	158	165	174	182	189	195
31.25°	130	140	150	159	169	179	189	198	206	213	221
30°	146	156	167	179	191	202	212	222	232	241	249
28.75°	162	175	188	201	213	225	237	249	259	268	277
27.5°	181	195	209	223	237	251	263	275	287	299	313
26.25°	200	215	232	247	262	276	291	307	328	348	378
25°	220	238	255	271	288	306	332	363	401	440	481
23.75°	241	260	277	297	323	356	402	454	507	559	608
22.5°	262	282	303	336	383	438	503	568	630	691	745
21.25°	283	308	343	400	469	542	618	692	761	823	878
20°	308	346	409	487	571	655	739	816	885	945	993
18.75°	343	409	493	585	679	771	856	930	993	1041	1073
17.5°	400	487	585	686	786	879	961	1022	1069	1101	1127
16.25°	469	571	679	786	886	975	1040	1084	1119	1150	1178
15°	542	655	771	879	975	1047	1092	1131	1166	1199	1229
13.75°	618	739	856	961	1040	1092	1134	1174	1211	1246	1279
12.5°	692	816	930	1022	1084	1131	1174	1215	1255	1293	1326
11.25°	761	885	993	1069	1119	1166	1211	1255	1297	1336	1375
10°	823	945	1041	1101	1150	1199	1246	1293	1336	1381	1428
8.75°	878	993	1073	1127	1178	1229	1279	1326	1375	1428	1477
7.5°	923	1029	1097	1151	1204	1256	1308	1359	1414	1470	1522
6.25°	962	1058	1117	1171	1226	1280	1333	1389	1450	1508	1560
5°	989	1075	1133	1189	1244	1300	1356	1417	1480	1539	1591
3.75°	1009	1088	1146	1202	1259	1316	1374	1440	1504	1563	1614
2.5°	1022	1097	1155	1212	1270	1327	1388	1456	1521	1580	1631
1.25°	1031	1103	1160	1218	1277	1334	1397	1466	1532	1591	1641
0°	1034	1105	1162	1220	1279	1336	1400	1469	1535	1595	1644
-1.25°	1031	1103	1160	1218	1277	1334	1397	1466	1532	1591	1641
-2.5°	1022	1097	1155	1212	1270	1327	1388	1456	1521	1580	1631
-3.75°	1009	1088	1146	1202	1259	1316	1374	1440	1504	1563	1614
-5°	989	1075	1133	1189	1244	1300	1356	1417	1480	1539	1591
-6.25°	962	1058	1117	1171	1226	1280	1333	1389	1450	1508	1560
-7.5°	923	1029	1097	1151	1204	1256	1308	1359	1414	1470	1522
-8.75°	878	993	1073	1127	1178	1229	1279	1326	1375	1428	1477
-10°	823	945	1041	1101	1150	1199	1246	1293	1336	1381	1428
-11.25°	761	885	993	1069	1119	1166	1211	1255	1297	1336	1375
-12.5°	692	816	930	1022	1084	1131	1174	1215	1255	1293	1326
-13.75°	618	739	856	961	1040	1092	1134	1174	1211	1246	1279
-15°	542	655	771	879	975	1047	1092	1131	1166	1199	1229
-16.25°	469	571	679	786	886	975	1040	1084	1119	1150	1178
-17.5°	400	487	585	686	786	879	961	1022	1069	1101	1127
-18.75°	343	409	493	585	679	771	856	930	993	1041	1073
-20°	308	346	409	487	571	655	739	816	885	945	993
-21.25°	283	308	343	400	469	542	618	692	761	823	878



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	262	282	303	336	383	438	503	568	630	691	745
-23.75°	241	260	277	297	323	356	402	454	507	559	608
-25°	220	238	255	271	288	306	332	363	401	440	481
-26.25°	200	215	232	247	262	276	291	307	328	348	378
-27.5°	181	195	209	223	237	251	263	275	287	299	313
-28.75°	162	175	188	201	213	225	237	249	259	268	277
-30°	146	156	167	179	191	202	212	222	232	241	249
-31.25°	130	140	150	159	169	179	189	198	206	213	221
-32.5°	114	123	132	141	150	158	165	174	182	189	195
-33.75°	99	108	116	124	132	139	147	153	159	165	171
-35°	85	92	100	108	115	121	128	134	140	145	150
-36.25°	72	79	85	92	98	105	111	116	121	125	130
-37.5°	60	66	72	78	83	88	94	99	103	108	112
-38.75°	48	54	59	64	70	74	79	83	86	90	94
-40°	36	41	47	52	56	61	65	69	72	75	78
-41.25°	26	29	34	39	43	47	51	55	58	61	64
-42.5°	19	22	25	28	30	34	38	41	44	47	50
-43.75°	13	15	18	20	23	25	27	29	31	34	36
-45°	11	12	12	13	15	17	19	21	23	24	25
-46.25°	9	10	10	11	12	12	13	13	15	16	17
-47.5°	8	8	8	9	9	10	10	11	11	12	12
-48.75°	7	7	7	8	8	8	8	9	9	9	10
-50°	6	6	6	7	7	7	7	8	8	8	8
-51.25°	6	6	6	6	6	6	6	7	7	7	7
-52.5°	5	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	3	3	3	3	3	3
-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°	1	1	1	1	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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°	0	0	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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°	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	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°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	4	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	7	7	7
50°	8	8	8	8	8	8	8	8	8	8	8
48.75°	10	10	11	11	11	11	11	11	11	11	11
47.5°	13	13	13	13	13	13	13	13	13	13	13
46.25°	18	19	20	21	21	21	22	21	21	21	20
45°	26	27	28	29	29	30	30	30	29	29	28
43.75°	38	40	41	42	43	44	44	44	43	42	41
42.5°	52	54	55	56	57	58	58	58	57	56	55
41.25°	66	68	70	71	72	73	73	73	72	71	70
40°	81	83	84	86	87	87	88	87	87	86	84
38.75°	97	100	102	104	105	106	106	106	105	104	102
37.5°	115	118	120	122	123	124	124	124	123	122	120
36.25°	134	137	140	142	143	144	145	144	143	142	140
35°	154	157	160	162	164	165	165	165	164	162	160



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	176	181	184	187	189	191	191	191	189	187	184
32.5°	201	206	210	213	215	216	217	216	215	213	210
31.25°	227	233	238	241	244	245	246	245	244	241	238
30°	256	262	266	270	273	275	275	275	273	270	266
28.75°	285	292	298	303	309	312	313	312	309	303	298
27.5°	327	339	352	365	375	381	383	381	375	365	352
26.25°	404	427	452	471	485	493	496	493	485	471	452
25°	518	552	581	604	620	630	633	630	620	604	581
23.75°	652	691	724	749	767	778	781	778	767	749	724
22.5°	792	832	865	889	907	917	920	917	907	889	865
21.25°	923	962	989	1009	1022	1031	1034	1031	1022	1009	989
20°	1029	1058	1075	1088	1097	1103	1105	1103	1097	1088	1075
18.75°	1097	1117	1133	1146	1155	1160	1162	1160	1155	1146	1133
17.5°	1151	1171	1189	1202	1212	1218	1220	1218	1212	1202	1189
16.25°	1204	1226	1244	1259	1270	1277	1279	1277	1270	1259	1244
15°	1256	1280	1300	1316	1327	1334	1336	1334	1327	1316	1300
13.75°	1308	1333	1356	1374	1388	1397	1400	1397	1388	1374	1356
12.5°	1359	1389	1417	1440	1456	1466	1469	1466	1456	1440	1417
11.25°	1414	1450	1480	1504	1521	1532	1535	1532	1521	1504	1480
10°	1470	1508	1539	1563	1580	1591	1595	1591	1580	1563	1539
8.75°	1522	1560	1591	1614	1631	1641	1644	1641	1631	1614	1591
7.5°	1567	1604	1634	1657	1673	1682	1684	1682	1673	1657	1634
6.25°	1604	1641	1671	1690	1703	1709	1711	1709	1703	1690	1671
5°	1634	1671	1696	1712	1719	1723	1724	1723	1719	1712	1696
3.75°	1657	1690	1712	1722	1725	1726	1726	1726	1725	1722	1712
2.5°	1673	1703	1719	1725	1725	1723	1721	1723	1725	1725	1719
1.25°	1682	1709	1723	1726	1723	1719	1719	1719	1723	1726	1723
0°	1684	1711	1724	1726	1721	1719	1724	1719	1721	1726	1724
-1.25°	1682	1709	1723	1726	1723	1719	1719	1719	1723	1726	1723
-2.5°	1673	1703	1719	1725	1725	1723	1721	1723	1725	1725	1719
-3.75°	1657	1690	1712	1722	1725	1726	1726	1726	1725	1722	1712
-5°	1634	1671	1696	1712	1719	1723	1724	1723	1719	1712	1696
-6.25°	1604	1641	1671	1690	1703	1709	1711	1709	1703	1690	1671
-7.5°	1567	1604	1634	1657	1673	1682	1684	1682	1673	1657	1634
-8.75°	1522	1560	1591	1614	1631	1641	1644	1641	1631	1614	1591
-10°	1470	1508	1539	1563	1580	1591	1595	1591	1580	1563	1539
-11.25°	1414	1450	1480	1504	1521	1532	1535	1532	1521	1504	1480
-12.5°	1359	1389	1417	1440	1456	1466	1469	1466	1456	1440	1417
-13.75°	1308	1333	1356	1374	1388	1397	1400	1397	1388	1374	1356
-15°	1256	1280	1300	1316	1327	1334	1336	1334	1327	1316	1300
-16.25°	1204	1226	1244	1259	1270	1277	1279	1277	1270	1259	1244
-17.5°	1151	1171	1189	1202	1212	1218	1220	1218	1212	1202	1189
-18.75°	1097	1117	1133	1146	1155	1160	1162	1160	1155	1146	1133
-20°	1029	1058	1075	1088	1097	1103	1105	1103	1097	1088	1075
-21.25°	923	962	989	1009	1022	1031	1034	1031	1022	1009	989



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	792	832	865	889	907	917	920	917	907	889	865
-23.75°	652	691	724	749	767	778	781	778	767	749	724
-25°	518	552	581	604	620	630	633	630	620	604	581
-26.25°	404	427	452	471	485	493	496	493	485	471	452
-27.5°	327	339	352	365	375	381	383	381	375	365	352
-28.75°	285	292	298	303	309	312	313	312	309	303	298
-30°	256	262	266	270	273	275	275	275	273	270	266
-31.25°	227	233	238	241	244	245	246	245	244	241	238
-32.5°	201	206	210	213	215	216	217	216	215	213	210
-33.75°	176	181	184	187	189	191	191	191	189	187	184
-35°	154	157	160	162	164	165	165	165	164	162	160
-36.25°	134	137	140	142	143	144	145	144	143	142	140
-37.5°	115	118	120	122	123	124	124	124	123	122	120
-38.75°	97	100	102	104	105	106	106	106	105	104	102
-40°	81	83	84	86	87	87	88	87	87	86	84
-41.25°	66	68	70	71	72	73	73	73	72	71	70
-42.5°	52	54	55	56	57	58	58	58	57	56	55
-43.75°	38	40	41	42	43	44	44	44	43	42	41
-45°	26	27	28	29	29	30	30	30	29	29	28
-46.25°	18	19	20	21	21	21	22	21	21	21	20
-47.5°	13	13	13	13	13	13	13	13	13	13	13
-48.75°	10	10	11	11	11	11	11	11	11	11	11
-50°	8	8	8	8	8	8	8	8	8	8	8
-51.25°	7	7	7	7	7	7	7	7	7	7	7
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	4	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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°	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	2	2	2	2	2	2	2	2	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°	3	3	3	3	3	3	3	3	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	6	6	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	6	6	6	6	6
50°	8	8	8	8	8	8	7	7	7	7	6
48.75°	10	10	10	9	9	9	8	8	8	8	7
47.5°	13	13	12	12	11	11	10	10	9	9	8
46.25°	19	18	17	16	15	13	13	12	12	11	10
45°	27	26	25	24	23	21	19	17	15	13	12
43.75°	40	38	36	34	31	29	27	25	23	20	18
42.5°	54	52	50	47	44	41	38	34	30	28	25
41.25°	68	66	64	61	58	55	51	47	43	39	34
40°	83	81	78	75	72	69	65	61	56	52	47
38.75°	100	97	94	90	86	83	79	74	70	64	59
37.5°	118	115	112	108	103	99	94	88	83	78	72
36.25°	137	134	130	125	121	116	111	105	98	92	85
35°	157	154	150	145	140	134	128	121	115	108	100



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°
33.75°	181	176	171	165	159	153	147	139	132	124	116
32.5°	206	201	195	189	182	174	165	158	150	141	132
31.25°	233	227	221	213	206	198	189	179	169	159	150
30°	262	256	249	241	232	222	212	202	191	179	167
28.75°	292	285	277	268	259	249	237	225	213	201	188
27.5°	339	327	313	299	287	275	263	251	237	223	209
26.25°	427	404	378	348	328	307	291	276	262	247	232
25°	552	518	481	440	401	363	332	306	288	271	255
23.75°	691	652	608	559	507	454	402	356	323	297	277
22.5°	832	792	745	691	630	568	503	438	383	336	303
21.25°	962	923	878	823	761	692	618	542	469	400	343
20°	1058	1029	993	945	885	816	739	655	571	487	409
18.75°	1117	1097	1073	1041	993	930	856	771	679	585	493
17.5°	1171	1151	1127	1101	1069	1022	961	879	786	686	585
16.25°	1226	1204	1178	1150	1119	1084	1040	975	886	786	679
15°	1280	1256	1229	1199	1166	1131	1092	1047	975	879	771
13.75°	1333	1308	1279	1246	1211	1174	1134	1092	1040	961	856
12.5°	1389	1359	1326	1293	1255	1215	1174	1131	1084	1022	930
11.25°	1450	1414	1375	1336	1297	1255	1211	1166	1119	1069	993
10°	1508	1470	1428	1381	1336	1293	1246	1199	1150	1101	1041
8.75°	1560	1522	1477	1428	1375	1326	1279	1229	1178	1127	1073
7.5°	1604	1567	1522	1470	1414	1359	1308	1256	1204	1151	1097
6.25°	1641	1604	1560	1508	1450	1389	1333	1280	1226	1171	1117
5°	1671	1634	1591	1539	1480	1417	1356	1300	1244	1189	1133
3.75°	1690	1657	1614	1563	1504	1440	1374	1316	1259	1202	1146
2.5°	1703	1673	1631	1580	1521	1456	1388	1327	1270	1212	1155
1.25°	1709	1682	1641	1591	1532	1466	1397	1334	1277	1218	1160
0°	1711	1684	1644	1595	1535	1469	1400	1336	1279	1220	1162
-1.25°	1709	1682	1641	1591	1532	1466	1397	1334	1277	1218	1160
-2.5°	1703	1673	1631	1580	1521	1456	1388	1327	1270	1212	1155
-3.75°	1690	1657	1614	1563	1504	1440	1374	1316	1259	1202	1146
-5°	1671	1634	1591	1539	1480	1417	1356	1300	1244	1189	1133
-6.25°	1641	1604	1560	1508	1450	1389	1333	1280	1226	1171	1117
-7.5°	1604	1567	1522	1470	1414	1359	1308	1256	1204	1151	1097
-8.75°	1560	1522	1477	1428	1375	1326	1279	1229	1178	1127	1073
-10°	1508	1470	1428	1381	1336	1293	1246	1199	1150	1101	1041
-11.25°	1450	1414	1375	1336	1297	1255	1211	1166	1119	1069	993
-12.5°	1389	1359	1326	1293	1255	1215	1174	1131	1084	1022	930
-13.75°	1333	1308	1279	1246	1211	1174	1134	1092	1040	961	856
-15°	1280	1256	1229	1199	1166	1131	1092	1047	975	879	771
-16.25°	1226	1204	1178	1150	1119	1084	1040	975	886	786	679
-17.5°	1171	1151	1127	1101	1069	1022	961	879	786	686	585
-18.75°	1117	1097	1073	1041	993	930	856	771	679	585	493
-20°	1058	1029	993	945	885	816	739	655	571	487	409
-21.25°	962	923	878	823	761	692	618	542	469	400	343



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	832	792	745	691	630	568	503	438	383	336	303
-23.75°	691	652	608	559	507	454	402	356	323	297	277
-25°	552	518	481	440	401	363	332	306	288	271	255
-26.25°	427	404	378	348	328	307	291	276	262	247	232
-27.5°	339	327	313	299	287	275	263	251	237	223	209
-28.75°	292	285	277	268	259	249	237	225	213	201	188
-30°	262	256	249	241	232	222	212	202	191	179	167
-31.25°	233	227	221	213	206	198	189	179	169	159	150
-32.5°	206	201	195	189	182	174	165	158	150	141	132
-33.75°	181	176	171	165	159	153	147	139	132	124	116
-35°	157	154	150	145	140	134	128	121	115	108	100
-36.25°	137	134	130	125	121	116	111	105	98	92	85
-37.5°	118	115	112	108	103	99	94	88	83	78	72
-38.75°	100	97	94	90	86	83	79	74	70	64	59
-40°	83	81	78	75	72	69	65	61	56	52	47
-41.25°	68	66	64	61	58	55	51	47	43	39	34
-42.5°	54	52	50	47	44	41	38	34	30	28	25
-43.75°	40	38	36	34	31	29	27	25	23	20	18
-45°	27	26	25	24	23	21	19	17	15	13	12
-46.25°	19	18	17	16	15	13	13	12	12	11	10
-47.5°	13	13	12	12	11	11	10	10	9	9	8
-48.75°	10	10	10	9	9	9	8	8	8	8	7
-50°	8	8	8	8	8	8	7	7	7	7	6
-51.25°	7	7	7	7	7	7	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	5	5	5
-55°	6	6	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	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	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	1	1	1	1	1	1	1	1	0	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°	2	2	2	2	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	1	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	2	2	2	2	2
58.75°	4	4	3	3	3	3	3	3	3	2	2
57.5°	4	4	4	4	4	4	3	3	3	3	3
56.25°	5	5	4	4	4	4	4	4	4	3	3
55°	5	5	5	5	5	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	4	4	4
52.5°	6	5	5	5	5	5	5	5	5	5	4
51.25°	6	6	6	6	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	5	5	5	5
48.75°	7	7	6	6	6	6	6	6	6	5	5
47.5°	8	8	7	7	7	6	6	6	6	6	6
46.25°	10	9	8	8	7	7	7	6	6	6	6
45°	12	11	10	9	8	8	8	7	7	6	6
43.75°	15	13	12	11	10	9	8	8	7	7	6
42.5°	22	19	16	13	12	11	10	9	8	8	7
41.25°	29	26	23	20	16	13	12	11	10	8	8
40°	41	36	30	26	23	19	15	13	12	10	9
38.75°	54	48	42	36	29	26	22	18	13	12	11
37.5°	66	60	54	47	41	34	28	24	19	15	12
36.25°	79	72	66	59	52	45	37	30	25	20	16
35°	92	85	78	71	63	55	48	40	32	26	21



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°
33.75°	108	99	90	82	74	66	58	50	42	33	27
32.5°	123	114	105	95	86	77	69	60	51	42	33
31.25°	140	130	119	109	99	88	79	70	61	52	42
30°	156	146	135	123	113	102	90	80	71	61	51
28.75°	175	162	150	138	126	115	103	91	80	70	60
27.5°	195	181	166	153	141	128	115	103	90	79	69
26.25°	215	200	185	169	155	141	128	115	102	88	77
25°	238	220	203	187	170	155	141	126	113	99	86
23.75°	260	241	222	205	187	169	153	138	123	109	95
22.5°	282	262	242	222	203	185	166	150	135	119	105
21.25°	308	283	262	241	220	200	181	162	146	130	114
20°	346	308	282	260	238	215	195	175	156	140	123
18.75°	409	343	303	277	255	232	209	188	167	150	132
17.5°	487	400	336	297	271	247	223	201	179	159	141
16.25°	571	469	383	323	288	262	237	213	191	169	150
15°	655	542	438	356	306	276	251	225	202	179	158
13.75°	739	618	503	402	332	291	263	237	212	189	165
12.5°	816	692	568	454	363	307	275	249	222	198	174
11.25°	885	761	630	507	401	328	287	259	232	206	182
10°	945	823	691	559	440	348	299	268	241	213	189
8.75°	993	878	745	608	481	378	313	277	249	221	195
7.5°	1029	923	792	652	518	404	327	285	256	227	201
6.25°	1058	962	832	691	552	427	339	292	262	233	206
5°	1075	989	865	724	581	452	352	298	266	238	210
3.75°	1088	1009	889	749	604	471	365	303	270	241	213
2.5°	1097	1022	907	767	620	485	375	309	273	244	215
1.25°	1103	1031	917	778	630	493	381	312	275	245	216
0°	1105	1034	920	781	633	496	383	313	275	246	217
-1.25°	1103	1031	917	778	630	493	381	312	275	245	216
-2.5°	1097	1022	907	767	620	485	375	309	273	244	215
-3.75°	1088	1009	889	749	604	471	365	303	270	241	213
-5°	1075	989	865	724	581	452	352	298	266	238	210
-6.25°	1058	962	832	691	552	427	339	292	262	233	206
-7.5°	1029	923	792	652	518	404	327	285	256	227	201
-8.75°	993	878	745	608	481	378	313	277	249	221	195
-10°	945	823	691	559	440	348	299	268	241	213	189
-11.25°	885	761	630	507	401	328	287	259	232	206	182
-12.5°	816	692	568	454	363	307	275	249	222	198	174
-13.75°	739	618	503	402	332	291	263	237	212	189	165
-15°	655	542	438	356	306	276	251	225	202	179	158
-16.25°	571	469	383	323	288	262	237	213	191	169	150
-17.5°	487	400	336	297	271	247	223	201	179	159	141
-18.75°	409	343	303	277	255	232	209	188	167	150	132
-20°	346	308	282	260	238	215	195	175	156	140	123
-21.25°	308	283	262	241	220	200	181	162	146	130	114



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°
-22.5°	282	262	242	222	203	185	166	150	135	119	105
-23.75°	260	241	222	205	187	169	153	138	123	109	95
-25°	238	220	203	187	170	155	141	126	113	99	86
-26.25°	215	200	185	169	155	141	128	115	102	88	77
-27.5°	195	181	166	153	141	128	115	103	90	79	69
-28.75°	175	162	150	138	126	115	103	91	80	70	60
-30°	156	146	135	123	113	102	90	80	71	61	51
-31.25°	140	130	119	109	99	88	79	70	61	52	42
-32.5°	123	114	105	95	86	77	69	60	51	42	33
-33.75°	108	99	90	82	74	66	58	50	42	33	27
-35°	92	85	78	71	63	55	48	40	32	26	21
-36.25°	79	72	66	59	52	45	37	30	25	20	16
-37.5°	66	60	54	47	41	34	28	24	19	15	12
-38.75°	54	48	42	36	29	26	22	18	13	12	11
-40°	41	36	30	26	23	19	15	13	12	10	9
-41.25°	29	26	23	20	16	13	12	11	10	8	8
-42.5°	22	19	16	13	12	11	10	9	8	8	7
-43.75°	15	13	12	11	10	9	8	8	7	7	6
-45°	12	11	10	9	8	8	8	7	7	6	6
-46.25°	10	9	8	8	7	7	7	6	6	6	6
-47.5°	8	8	7	7	7	6	6	6	6	6	6
-48.75°	7	7	6	6	6	6	6	6	6	5	5
-50°	6	6	6	6	6	6	6	5	5	5	5
-51.25°	6	6	6	6	5	5	5	5	5	5	5
-52.5°	6	5	5	5	5	5	5	5	5	5	4
-53.75°	5	5	5	5	5	5	5	5	4	4	4
-55°	5	5	5	5	5	4	4	4	4	4	4
-56.25°	5	5	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	3	3	3	3	3
-58.75°	4	4	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	2	2	2	2	2
-61.25°	3	3	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	1	1
-66.25°	2	2	2	2	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	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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°	1	1	1	1	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	4	4	3	3	3	3	2	2	2	2	2
52.5°	4	4	4	4	3	3	3	3	2	2	2
51.25°	5	4	4	4	4	3	3	3	3	2	2
50°	5	5	5	4	4	4	4	3	3	3	2
48.75°	5	5	5	5	4	4	4	4	3	3	3
47.5°	5	5	5	5	5	5	4	4	4	3	3
46.25°	6	5	5	5	5	5	5	4	4	4	3
45°	6	6	6	5	5	5	5	5	4	4	4
43.75°	6	6	6	6	5	5	5	5	5	4	4
42.5°	7	6	6	6	6	5	5	5	5	5	4
41.25°	7	7	6	6	6	6	5	5	5	5	5
40°	8	8	7	6	6	6	6	5	5	5	5
38.75°	9	8	8	7	6	6	6	6	5	5	5
37.5°	11	10	8	8	7	6	6	6	6	5	5
36.25°	13	11	10	8	8	7	6	6	6	6	5
35°	16	13	11	10	8	8	7	6	6	6	5



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°
33.75°	21	16	13	11	9	8	7	7	6	6	6
32.5°	27	21	16	12	11	9	8	7	6	6	6
31.25°	33	26	20	15	12	10	8	8	7	6	6
30°	42	32	25	19	13	12	10	8	7	7	6
28.75°	50	40	30	24	18	13	11	9	8	7	6
27.5°	58	48	37	28	22	15	12	10	8	8	7
26.25°	66	55	45	34	26	19	13	11	9	8	7
25°	74	63	52	41	29	23	16	12	10	8	7
23.75°	82	71	59	47	36	26	20	13	11	9	8
22.5°	90	78	66	54	42	30	23	16	12	10	8
21.25°	99	85	72	60	48	36	26	19	13	11	9
20°	108	92	79	66	54	41	29	22	15	12	10
18.75°	116	100	85	72	59	47	34	25	18	12	10
17.5°	124	108	92	78	64	52	39	28	20	13	11
16.25°	132	115	98	83	70	56	43	30	23	15	12
15°	139	121	105	88	74	61	47	34	25	17	12
13.75°	147	128	111	94	79	65	51	38	27	19	13
12.5°	153	134	116	99	83	69	55	41	29	21	13
11.25°	159	140	121	103	86	72	58	44	31	23	15
10°	165	145	125	108	90	75	61	47	34	24	16
8.75°	171	150	130	112	94	78	64	50	36	25	17
7.5°	176	154	134	115	97	81	66	52	38	26	18
6.25°	181	157	137	118	100	83	68	54	40	27	19
5°	184	160	140	120	102	84	70	55	41	28	20
3.75°	187	162	142	122	104	86	71	56	42	29	21
2.5°	189	164	143	123	105	87	72	57	43	29	21
1.25°	191	165	144	124	106	87	73	58	44	30	21
0°	191	165	145	124	106	88	73	58	44	30	22
-1.25°	191	165	144	124	106	87	73	58	44	30	21
-2.5°	189	164	143	123	105	87	72	57	43	29	21
-3.75°	187	162	142	122	104	86	71	56	42	29	21
-5°	184	160	140	120	102	84	70	55	41	28	20
-6.25°	181	157	137	118	100	83	68	54	40	27	19
-7.5°	176	154	134	115	97	81	66	52	38	26	18
-8.75°	171	150	130	112	94	78	64	50	36	25	17
-10°	165	145	125	108	90	75	61	47	34	24	16
-11.25°	159	140	121	103	86	72	58	44	31	23	15
-12.5°	153	134	116	99	83	69	55	41	29	21	13
-13.75°	147	128	111	94	79	65	51	38	27	19	13
-15°	139	121	105	88	74	61	47	34	25	17	12
-16.25°	132	115	98	83	70	56	43	30	23	15	12
-17.5°	124	108	92	78	64	52	39	28	20	13	11
-18.75°	116	100	85	72	59	47	34	25	18	12	10
-20°	108	92	79	66	54	41	29	22	15	12	10
-21.25°	99	85	72	60	48	36	26	19	13	11	9



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	90	78	66	54	42	30	23	16	12	10	8
-23.75°	82	71	59	47	36	26	20	13	11	9	8
-25°	74	63	52	41	29	23	16	12	10	8	7
-26.25°	66	55	45	34	26	19	13	11	9	8	7
-27.5°	58	48	37	28	22	15	12	10	8	8	7
-28.75°	50	40	30	24	18	13	11	9	8	7	6
-30°	42	32	25	19	13	12	10	8	7	7	6
-31.25°	33	26	20	15	12	10	8	8	7	6	6
-32.5°	27	21	16	12	11	9	8	7	6	6	6
-33.75°	21	16	13	11	9	8	7	7	6	6	6
-35°	16	13	11	10	8	8	7	6	6	6	5
-36.25°	13	11	10	8	8	7	6	6	6	6	5
-37.5°	11	10	8	8	7	6	6	6	6	5	5
-38.75°	9	8	8	7	6	6	6	6	5	5	5
-40°	8	8	7	6	6	6	6	5	5	5	5
-41.25°	7	7	6	6	6	6	5	5	5	5	5
-42.5°	7	6	6	6	6	5	5	5	5	5	4
-43.75°	6	6	6	6	5	5	5	5	5	4	4
-45°	6	6	6	5	5	5	5	5	4	4	4
-46.25°	6	5	5	5	5	5	5	4	4	4	3
-47.5°	5	5	5	5	5	5	4	4	4	3	3
-48.75°	5	5	5	5	4	4	4	4	3	3	3
-50°	5	5	5	4	4	4	4	3	3	3	2
-51.25°	5	4	4	4	4	3	3	3	3	2	2
-52.5°	4	4	4	4	3	3	3	3	2	2	2
-53.75°	4	4	3	3	3	3	2	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	3	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	1
-60°	2	2	2	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	0	0	0
-75°	1	1	1	1	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	1	0	0	0	0	0	0
68.75°	1	1	1	1	1	1	1	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	0	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°	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	2	1	1	1	1	1	1	1
52.5°	2	2	2	2	2	1	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	2	2	2	2	2	2	2	1	1	1	1
48.75°	3	2	2	2	2	2	2	2	1	1	1
47.5°	3	3	2	2	2	2	2	2	1	1	1
46.25°	3	3	2	2	2	2	2	2	2	1	1
45°	3	3	3	2	2	2	2	2	2	2	1
43.75°	4	3	3	3	2	2	2	2	2	2	1
42.5°	4	4	3	3	3	2	2	2	2	2	2
41.25°	4	4	4	3	3	2	2	2	2	2	2
40°	5	4	4	3	3	3	2	2	2	2	2
38.75°	5	4	4	4	3	3	3	2	2	2	2
37.5°	5	5	4	4	4	3	3	2	2	2	2
36.25°	5	5	5	4	4	3	3	3	2	2	2
35°	5	5	5	4	4	4	3	3	2	2	2



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	5	5	5	5	4	4	3	3	3	2	2
32.5°	6	5	5	5	4	4	4	3	3	2	2
31.25°	6	5	5	5	5	4	4	3	3	2	2
30°	6	6	5	5	5	4	4	4	3	3	2
28.75°	6	6	5	5	5	5	4	4	3	3	2
27.5°	6	6	6	5	5	5	4	4	3	3	2
26.25°	6	6	6	5	5	5	4	4	4	3	3
25°	7	6	6	5	5	5	5	4	4	3	3
23.75°	7	6	6	6	5	5	5	4	4	3	3
22.5°	7	6	6	6	5	5	5	4	4	3	3
21.25°	8	7	6	6	5	5	5	5	4	4	3
20°	8	7	6	6	6	5	5	5	4	4	3
18.75°	8	7	6	6	6	5	5	5	4	4	3
17.5°	9	8	7	6	6	5	5	5	4	4	3
16.25°	9	8	7	6	6	5	5	5	4	4	3
15°	10	8	7	6	6	6	5	5	5	4	4
13.75°	10	8	7	6	6	6	5	5	5	4	4
12.5°	11	9	8	7	6	6	5	5	5	4	4
11.25°	11	9	8	7	6	6	5	5	5	4	4
10°	12	9	8	7	6	6	5	5	5	4	4
8.75°	12	10	8	7	6	6	5	5	5	4	4
7.5°	13	10	8	7	6	6	6	5	5	4	4
6.25°	13	10	8	7	6	6	6	5	5	4	4
5°	13	11	8	7	6	6	6	5	5	5	4
3.75°	13	11	8	7	6	6	6	5	5	5	4
2.5°	13	11	8	7	6	6	6	5	5	5	4
1.25°	13	11	8	7	6	6	6	5	5	5	4
0°	13	11	8	7	6	6	6	5	5	5	4
-1.25°	13	11	8	7	6	6	6	5	5	5	4
-2.5°	13	11	8	7	6	6	6	5	5	5	4
-3.75°	13	11	8	7	6	6	6	5	5	5	4
-5°	13	11	8	7	6	6	6	5	5	5	4
-6.25°	13	10	8	7	6	6	6	5	5	4	4
-7.5°	13	10	8	7	6	6	6	5	5	4	4
-8.75°	12	10	8	7	6	6	5	5	5	4	4
-10°	12	9	8	7	6	6	5	5	5	4	4
-11.25°	11	9	8	7	6	6	5	5	5	4	4
-12.5°	11	9	8	7	6	6	5	5	5	4	4
-13.75°	10	8	7	6	6	6	5	5	5	4	4
-15°	10	8	7	6	6	6	5	5	5	4	4
-16.25°	9	8	7	6	6	5	5	5	4	4	3
-17.5°	9	8	7	6	6	5	5	5	4	4	3
-18.75°	8	7	6	6	6	5	5	5	4	4	3
-20°	8	7	6	6	6	5	5	5	4	4	3
-21.25°	8	7	6	6	5	5	5	5	4	4	3



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	7	6	6	6	5	5	5	4	4	3	3
-23.75°	7	6	6	6	5	5	5	4	4	3	3
-25°	7	6	6	5	5	5	5	4	4	3	3
-26.25°	6	6	6	5	5	5	4	4	4	3	3
-27.5°	6	6	6	5	5	5	4	4	3	3	2
-28.75°	6	6	5	5	5	5	4	4	3	3	2
-30°	6	6	5	5	5	4	4	4	3	3	2
-31.25°	6	5	5	5	5	4	4	3	3	2	2
-32.5°	6	5	5	5	4	4	4	3	3	2	2
-33.75°	5	5	5	5	4	4	3	3	3	2	2
-35°	5	5	5	4	4	4	3	3	2	2	2
-36.25°	5	5	5	4	4	3	3	3	2	2	2
-37.5°	5	5	4	4	4	3	3	2	2	2	2
-38.75°	5	4	4	4	3	3	3	2	2	2	2
-40°	5	4	4	3	3	3	2	2	2	2	2
-41.25°	4	4	4	3	3	2	2	2	2	2	2
-42.5°	4	4	3	3	3	2	2	2	2	2	2
-43.75°	4	3	3	3	2	2	2	2	2	2	1
-45°	3	3	3	2	2	2	2	2	2	2	1
-46.25°	3	3	2	2	2	2	2	2	2	1	1
-47.5°	3	3	2	2	2	2	2	2	1	1	1
-48.75°	3	2	2	2	2	2	2	2	1	1	1
-50°	2	2	2	2	2	2	2	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	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°	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	0	0
-68.75°	1	1	1	1	1	1	1	0	0	0	0
-70°	1	1	1	1	1	0	0	0	0	0	0
-71.25°	1	1	1	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	1	0	0	0	0	0	0	0	0	0
61.25°	1	1	1	0	0	0	0	0	0	0	0
60°	1	1	1	1	0	0	0	0	0	0	0
58.75°	1	1	1	1	1	0	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	0	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	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	1	0	0
48.75°	1	1	1	1	1	1	1	1	1	0	0
47.5°	1	1	1	1	1	1	1	1	1	0	0
46.25°	1	1	1	1	1	1	1	1	1	1	0
45°	1	1	1	1	1	1	1	1	1	1	0
43.75°	1	1	1	1	1	1	1	1	1	1	0
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°	2	1	1	1	1	1	1	1	1	1	1
38.75°	2	1	1	1	1	1	1	1	1	1	1
37.5°	2	2	1	1	1	1	1	1	1	1	1
36.25°	2	2	1	1	1	1	1	1	1	1	1
35°	2	2	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	2	2	2	1	1	1	1	1	1	1	1
32.5°	2	2	2	1	1	1	1	1	1	1	1
31.25°	2	2	2	1	1	1	1	1	1	1	1
30°	2	2	2	2	1	1	1	1	1	1	1
28.75°	2	2	2	2	1	1	1	1	1	1	1
27.5°	2	2	2	2	1	1	1	1	1	1	1
26.25°	2	2	2	2	1	1	1	1	1	1	1
25°	2	2	2	2	1	1	1	1	1	1	1
23.75°	2	2	2	2	2	1	1	1	1	1	1
22.5°	2	2	2	2	2	1	1	1	1	1	1
21.25°	3	2	2	2	2	1	1	1	1	1	1
20°	3	2	2	2	2	1	1	1	1	1	1
18.75°	3	2	2	2	2	1	1	1	1	1	1
17.5°	3	2	2	2	2	1	1	1	1	1	1
16.25°	3	2	2	2	2	2	1	1	1	1	1
15°	3	3	2	2	2	2	1	1	1	1	1
13.75°	3	3	2	2	2	2	1	1	1	1	1
12.5°	3	3	2	2	2	2	1	1	1	1	1
11.25°	3	3	2	2	2	2	1	1	1	1	1
10°	3	3	2	2	2	2	1	1	1	1	1
8.75°	3	3	2	2	2	2	1	1	1	1	1
7.5°	3	3	2	2	2	2	1	1	1	1	1
6.25°	3	3	2	2	2	2	1	1	1	1	1
5°	3	3	2	2	2	2	1	1	1	1	1
3.75°	3	3	2	2	2	2	1	1	1	1	1
2.5°	3	3	2	2	2	2	1	1	1	1	1
1.25°	3	3	2	2	2	2	1	1	1	1	1
0°	4	3	2	2	2	2	1	1	1	1	1
-1.25°	3	3	2	2	2	2	1	1	1	1	1
-2.5°	3	3	2	2	2	2	1	1	1	1	1
-3.75°	3	3	2	2	2	2	1	1	1	1	1
-5°	3	3	2	2	2	2	1	1	1	1	1
-6.25°	3	3	2	2	2	2	1	1	1	1	1
-7.5°	3	3	2	2	2	2	1	1	1	1	1
-8.75°	3	3	2	2	2	2	1	1	1	1	1
-10°	3	3	2	2	2	2	1	1	1	1	1
-11.25°	3	3	2	2	2	2	1	1	1	1	1
-12.5°	3	3	2	2	2	2	1	1	1	1	1
-13.75°	3	3	2	2	2	2	1	1	1	1	1
-15°	3	3	2	2	2	2	1	1	1	1	1
-16.25°	3	2	2	2	2	2	1	1	1	1	1
-17.5°	3	2	2	2	2	1	1	1	1	1	1
-18.75°	3	2	2	2	2	1	1	1	1	1	1
-20°	3	2	2	2	2	1	1	1	1	1	1
-21.25°	3	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	2	2	2	2	2	1	1	1	1	1	1
-23.75°	2	2	2	2	2	1	1	1	1	1	1
-25°	2	2	2	2	1	1	1	1	1	1	1
-26.25°	2	2	2	2	1	1	1	1	1	1	1
-27.5°	2	2	2	2	1	1	1	1	1	1	1
-28.75°	2	2	2	2	1	1	1	1	1	1	1
-30°	2	2	2	2	1	1	1	1	1	1	1
-31.25°	2	2	2	1	1	1	1	1	1	1	1
-32.5°	2	2	2	1	1	1	1	1	1	1	1
-33.75°	2	2	2	1	1	1	1	1	1	1	1
-35°	2	2	1	1	1	1	1	1	1	1	1
-36.25°	2	2	1	1	1	1	1	1	1	1	1
-37.5°	2	2	1	1	1	1	1	1	1	1	1
-38.75°	2	1	1	1	1	1	1	1	1	1	1
-40°	2	1	1	1	1	1	1	1	1	1	1
-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	0
-45°	1	1	1	1	1	1	1	1	1	1	0
-46.25°	1	1	1	1	1	1	1	1	1	1	0
-47.5°	1	1	1	1	1	1	1	1	1	0	0
-48.75°	1	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	1	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	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	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-61.25°	1	1	1	0	0	0	0	0	0	0	0
-62.5°	1	1	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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°	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	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	1	0	0	0	0	0	0	0	0	0	0
36.25°	1	0	0	0	0	0	0	0	0	0	0
35°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	0	0	0	0	0	0	0	0	0	0
32.5°	1	0	0	0	0	0	0	0	0	0	0
31.25°	1	0	0	0	0	0	0	0	0	0	0
30°	1	1	0	0	0	0	0	0	0	0	0
28.75°	1	1	0	0	0	0	0	0	0	0	0
27.5°	1	1	0	0	0	0	0	0	0	0	0
26.25°	1	1	0	0	0	0	0	0	0	0	0
25°	1	1	0	0	0	0	0	0	0	0	0
23.75°	1	1	0	0	0	0	0	0	0	0	0
22.5°	1	1	0	0	0	0	0	0	0	0	0
21.25°	1	1	0	0	0	0	0	0	0	0	0
20°	1	1	0	0	0	0	0	0	0	0	0
18.75°	1	1	1	0	0	0	0	0	0	0	0
17.5°	1	1	1	0	0	0	0	0	0	0	0
16.25°	1	1	1	0	0	0	0	0	0	0	0
15°	1	1	1	0	0	0	0	0	0	0	0
13.75°	1	1	1	0	0	0	0	0	0	0	0
12.5°	1	1	1	0	0	0	0	0	0	0	0
11.25°	1	1	1	0	0	0	0	0	0	0	0
10°	1	1	1	0	0	0	0	0	0	0	0
8.75°	1	1	1	0	0	0	0	0	0	0	0
7.5°	1	1	1	0	0	0	0	0	0	0	0
6.25°	1	1	1	0	0	0	0	0	0	0	0
5°	1	1	1	0	0	0	0	0	0	0	0
3.75°	1	1	1	0	0	0	0	0	0	0	0
2.5°	1	1	1	0	0	0	0	0	0	0	0
1.25°	1	1	1	0	0	0	0	0	0	0	0
0°	1	1	1	0	0	0	0	0	0	0	0
-1.25°	1	1	1	0	0	0	0	0	0	0	0
-2.5°	1	1	1	0	0	0	0	0	0	0	0
-3.75°	1	1	1	0	0	0	0	0	0	0	0
-5°	1	1	1	0	0	0	0	0	0	0	0
-6.25°	1	1	1	0	0	0	0	0	0	0	0
-7.5°	1	1	1	0	0	0	0	0	0	0	0
-8.75°	1	1	1	0	0	0	0	0	0	0	0
-10°	1	1	1	0	0	0	0	0	0	0	0
-11.25°	1	1	1	0	0	0	0	0	0	0	0
-12.5°	1	1	1	0	0	0	0	0	0	0	0
-13.75°	1	1	1	0	0	0	0	0	0	0	0
-15°	1	1	1	0	0	0	0	0	0	0	0
-16.25°	1	1	1	0	0	0	0	0	0	0	0
-17.5°	1	1	1	0	0	0	0	0	0	0	0
-18.75°	1	1	1	0	0	0	0	0	0	0	0
-20°	1	1	0	0	0	0	0	0	0	0	0
-21.25°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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	0	0	0	0	0	0	0	0	0
-23.75°	1	1	0	0	0	0	0	0	0	0	0
-25°	1	1	0	0	0	0	0	0	0	0	0
-26.25°	1	1	0	0	0	0	0	0	0	0	0
-27.5°	1	1	0	0	0	0	0	0	0	0	0
-28.75°	1	1	0	0	0	0	0	0	0	0	0
-30°	1	1	0	0	0	0	0	0	0	0	0
-31.25°	1	0	0	0	0	0	0	0	0	0	0
-32.5°	1	0	0	0	0	0	0	0	0	0	0
-33.75°	1	0	0	0	0	0	0	0	0	0	0
-35°	1	0	0	0	0	0	0	0	0	0	0
-36.25°	1	0	0	0	0	0	0	0	0	0	0
-37.5°	1	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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: P220566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-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)