

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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

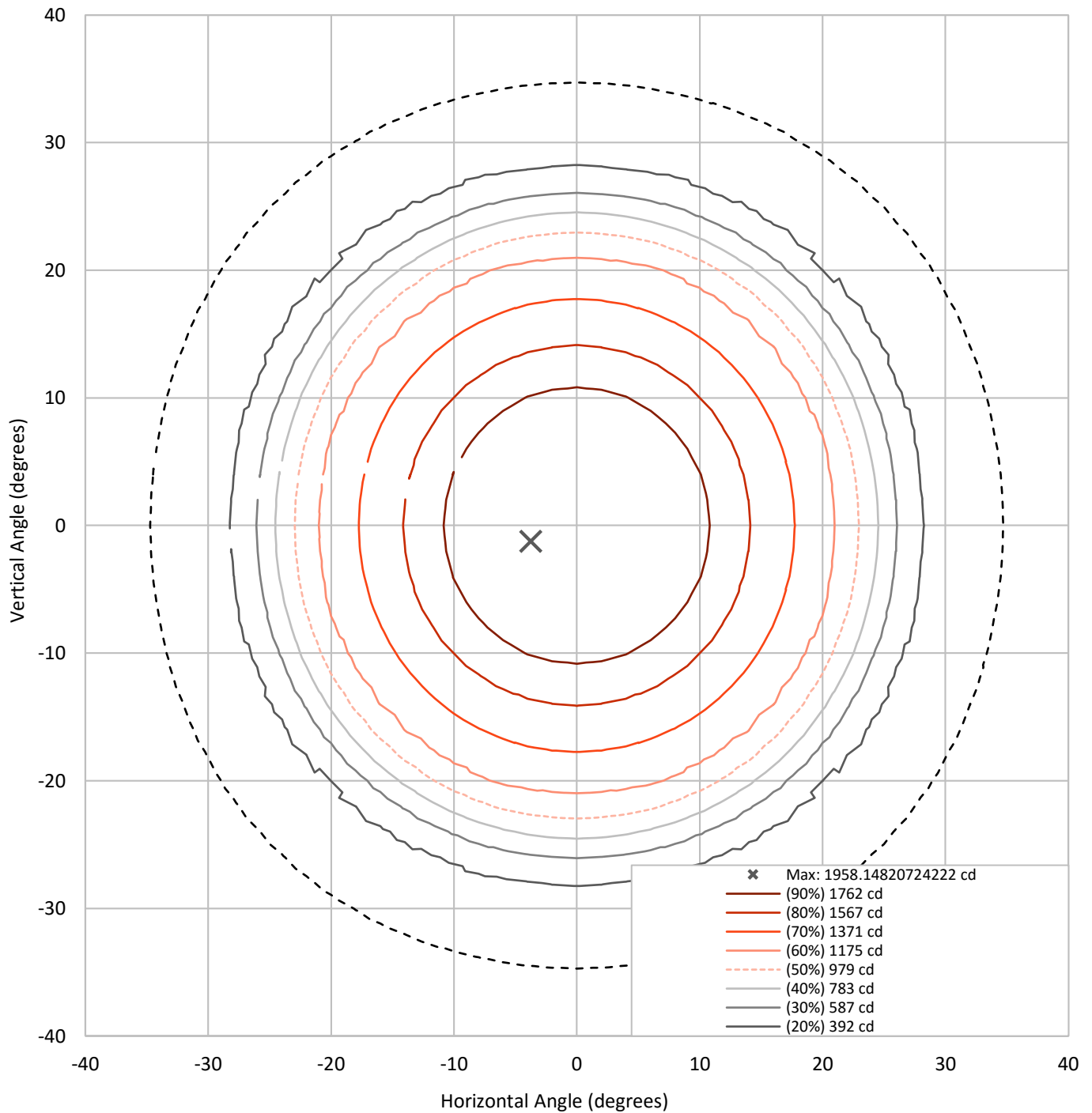
Test Method: LM-79-08
Report Number: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1094.9 lumens	Max Intensity:	1958.1 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	54.5 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:	740.2 lumens	Field Lumens:	1003.2 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]-LED3597-W-BK-L2-UNV

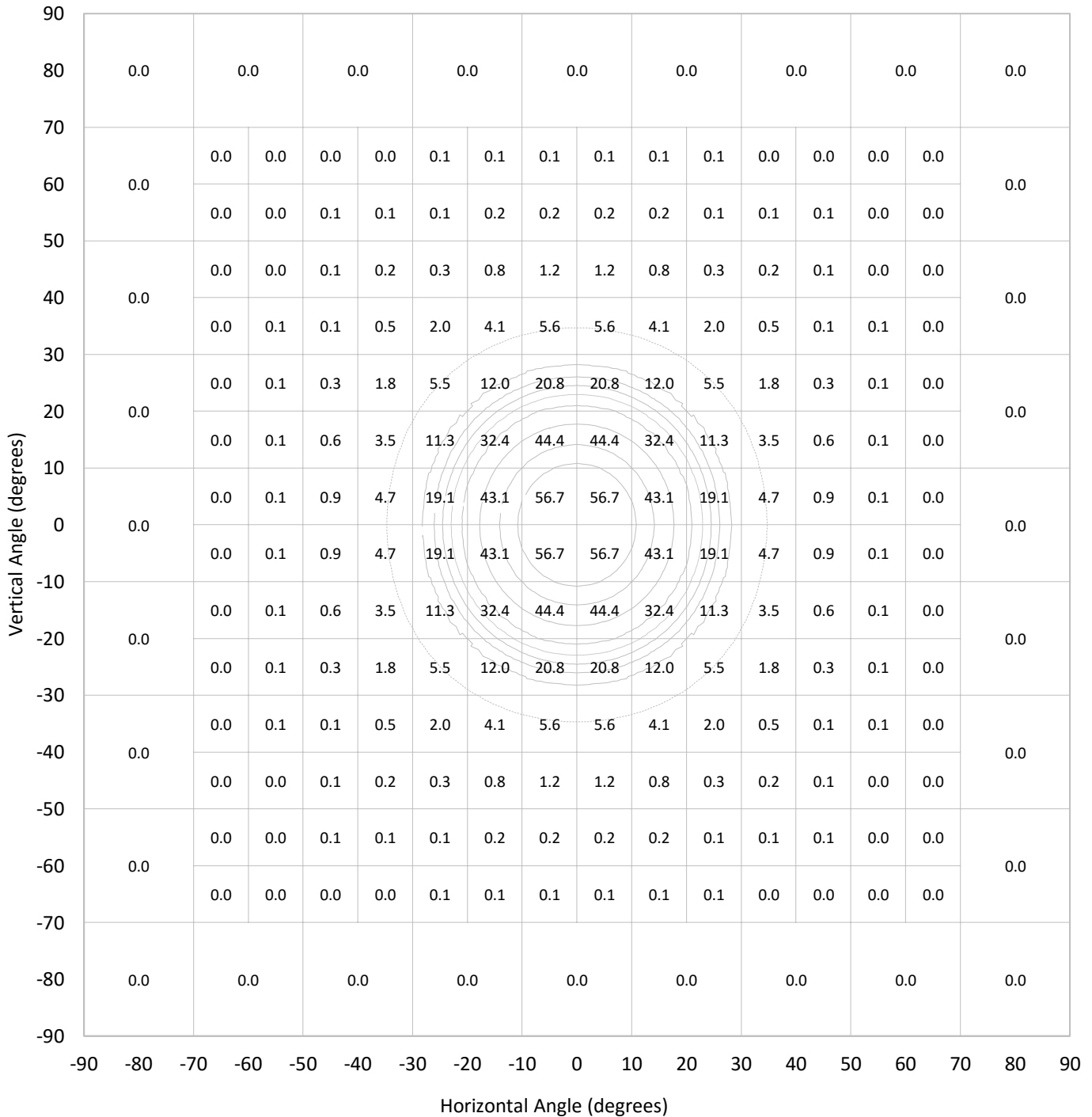
Iso-Candela Plot





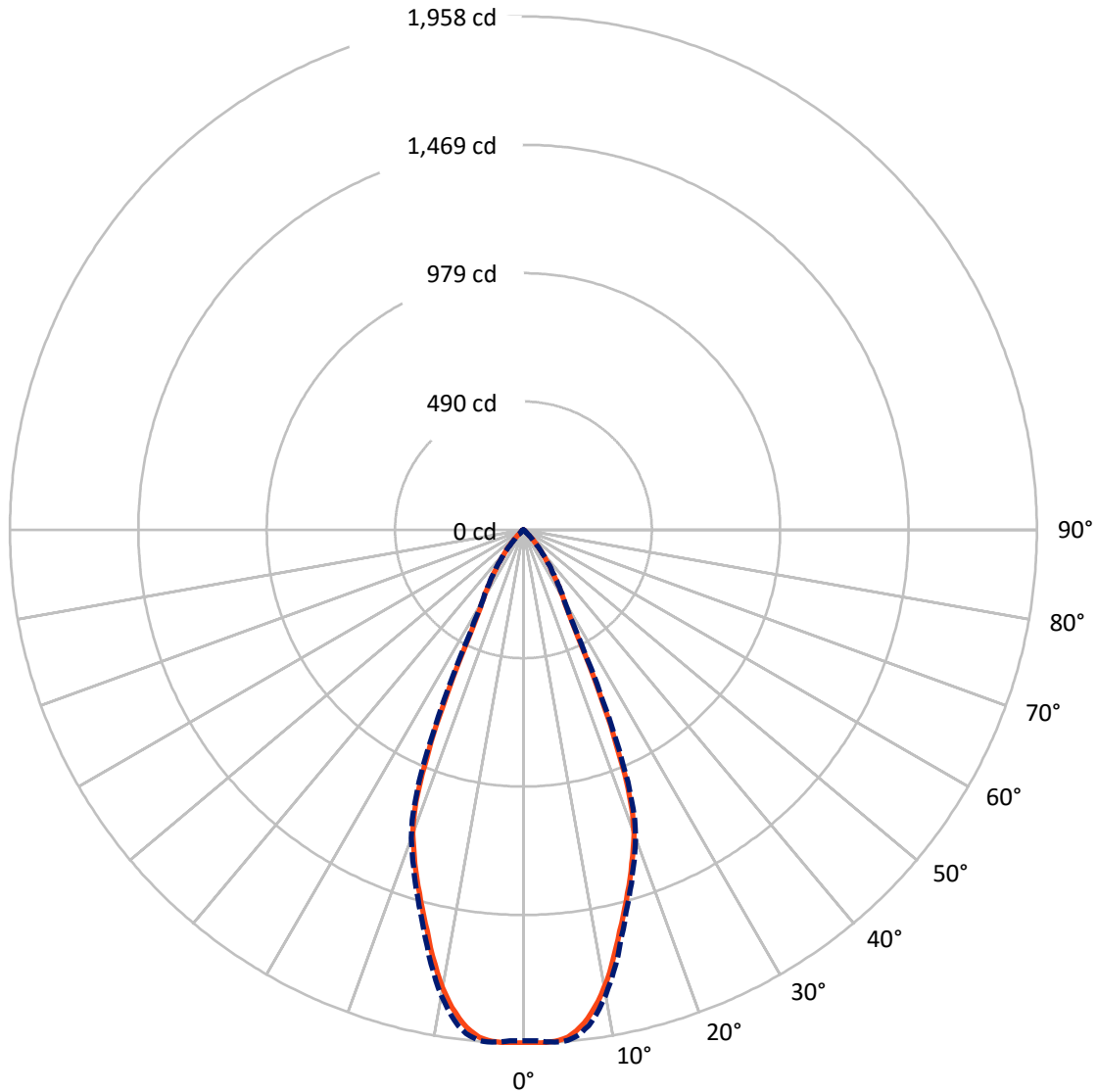
REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L2-UNV

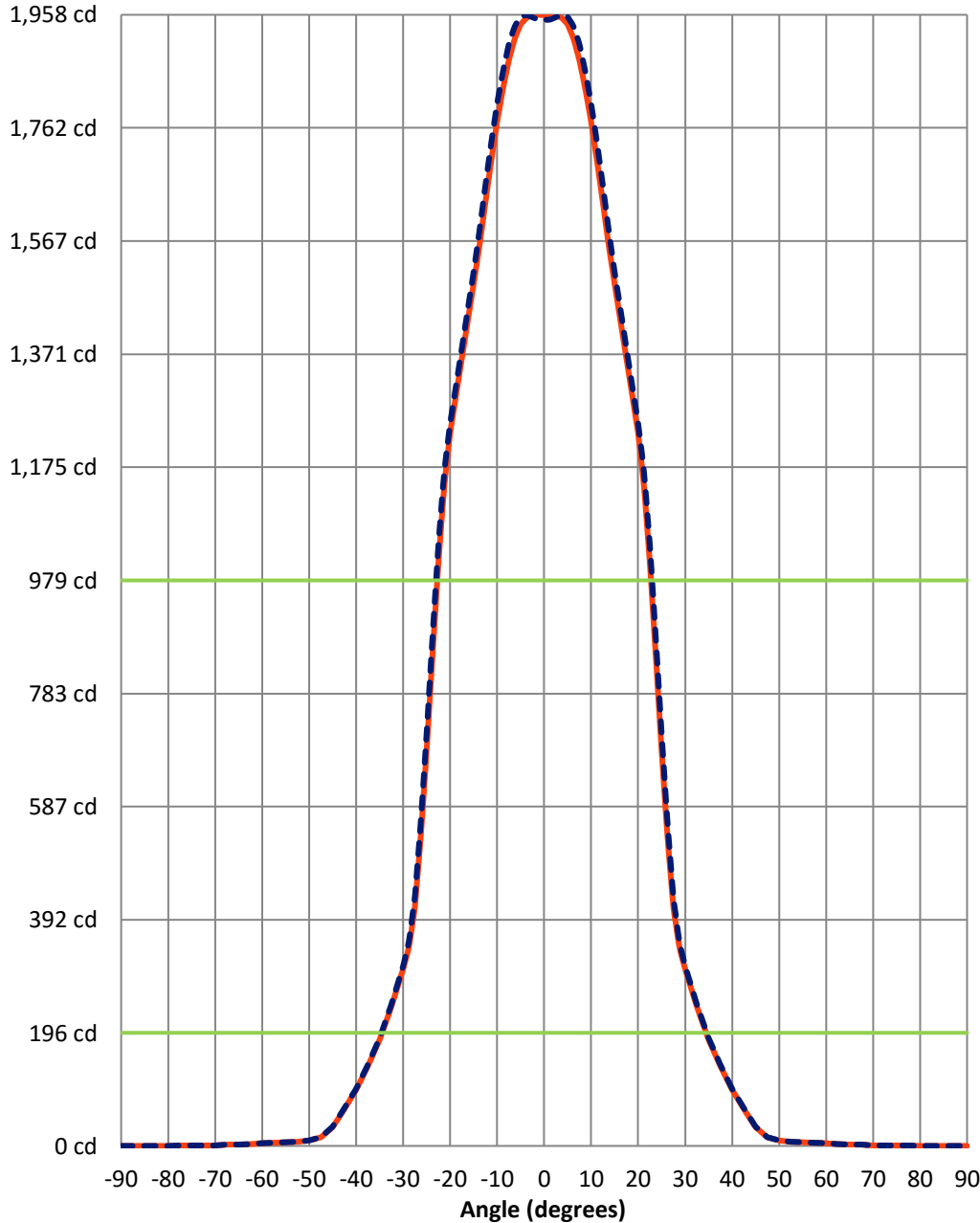
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 740.2
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 1003.2
 Efficiency: 91.6%

Spill:
 Lumens: 91.6
 Efficiency: 8.4%

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



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1
20°	0	0	0	0	0	0	0	0	0	0	1
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	1
-21.25°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1
61.25°	0	0	0	0	0	0	0	0	0	1	1
60°	0	0	0	0	0	0	0	0	1	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	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	1	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	1	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	1	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	1	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	2



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	1	1	1	1	1	1	1	1	1	1	2
31.25°	1	1	1	1	1	1	1	1	1	2	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	2	2	2
25°	1	1	1	1	1	1	1	1	2	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	2	2	2	2
17.5°	1	1	1	1	1	1	1	2	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	3
12.5°	1	1	1	1	1	1	1	2	2	2	3
11.25°	1	1	1	1	1	1	1	2	2	2	3
10°	1	1	1	1	1	1	1	2	2	2	3
8.75°	1	1	1	1	1	1	1	2	2	2	3
7.5°	1	1	1	1	1	1	1	2	2	2	3
6.25°	1	1	1	1	1	1	2	2	2	2	3
5°	1	1	1	1	1	1	2	2	2	2	3
3.75°	1	1	1	1	1	1	2	2	2	2	3
2.5°	1	1	1	1	1	1	2	2	2	2	3
1.25°	1	1	1	1	1	1	2	2	2	2	3
0°	1	1	1	1	1	1	2	2	2	2	3
-1.25°	1	1	1	1	1	1	2	2	2	2	3
-2.5°	1	1	1	1	1	1	2	2	2	2	3
-3.75°	1	1	1	1	1	1	2	2	2	2	3
-5°	1	1	1	1	1	1	2	2	2	2	3
-6.25°	1	1	1	1	1	1	2	2	2	2	3
-7.5°	1	1	1	1	1	1	1	2	2	2	3
-8.75°	1	1	1	1	1	1	1	2	2	2	3
-10°	1	1	1	1	1	1	1	2	2	2	3
-11.25°	1	1	1	1	1	1	1	2	2	2	3
-12.5°	1	1	1	1	1	1	1	2	2	2	3
-13.75°	1	1	1	1	1	1	1	2	2	2	3
-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	2	2	2	2
-18.75°	1	1	1	1	1	1	1	2	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	2	2	2
-26.25°	1	1	1	1	1	1	1	1	2	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°	1	1	1	1	1	1	1	1	1	2	2
-32.5°	1	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	2
-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	1	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	1	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	1	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	1	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	1	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	0	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	0	1	1
-62.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1	1
70°	0	0	0	0	0	0	0	1	1	1	1
68.75°	0	0	0	0	0	1	1	1	1	1	1
67.5°	0	0	0	0	1	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	1	1
65°	0	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	2	2	2
52.5°	1	1	1	1	1	1	1	2	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	2	2	2	2	2	2	3
46.25°	1	1	1	1	2	2	2	2	2	3	3
45°	1	1	1	2	2	2	2	2	3	3	3
43.75°	1	1	2	2	2	2	2	2	3	3	3
42.5°	1	1	2	2	2	2	2	3	3	3	4
41.25°	1	2	2	2	2	2	3	3	3	4	4
40°	1	2	2	2	2	2	3	3	3	4	4
38.75°	2	2	2	2	2	3	3	3	4	4	5
37.5°	2	2	2	2	2	3	3	4	4	5	5
36.25°	2	2	2	2	3	3	3	4	4	5	5
35°	2	2	2	2	3	3	4	4	5	5	5



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	3	3	3	4	4	5	5	6
32.5°	2	2	2	3	3	3	4	5	5	5	6
31.25°	2	2	2	3	3	4	4	5	5	6	6
30°	2	2	3	3	3	4	5	5	5	6	6
28.75°	2	2	3	3	4	4	5	5	6	6	6
27.5°	2	2	3	3	4	4	5	5	6	6	6
26.25°	2	3	3	3	4	5	5	5	6	6	6
25°	2	3	3	4	4	5	5	6	6	6	7
23.75°	2	3	3	4	4	5	5	6	6	6	7
22.5°	2	3	3	4	5	5	5	6	6	7	7
21.25°	3	3	3	4	5	5	6	6	6	7	7
20°	3	3	4	4	5	5	6	6	6	7	7
18.75°	3	3	4	4	5	5	6	6	6	7	7
17.5°	3	3	4	5	5	5	6	6	7	7	7
16.25°	3	3	4	5	5	6	6	6	7	7	8
15°	3	3	4	5	5	6	6	6	7	7	8
13.75°	3	3	4	5	5	6	6	6	7	7	8
12.5°	3	4	4	5	5	6	6	6	7	7	9
11.25°	3	4	4	5	5	6	6	7	7	8	9
10°	3	4	4	5	5	6	6	7	7	8	9
8.75°	3	4	5	5	5	6	6	7	7	8	9
7.5°	3	4	5	5	6	6	6	7	7	8	9
6.25°	3	4	5	5	6	6	6	7	7	8	9
5°	3	4	5	5	6	6	6	7	7	8	9
3.75°	3	4	5	5	6	6	6	7	7	8	10
2.5°	3	4	5	5	6	6	6	7	7	8	10
1.25°	3	4	5	5	6	6	6	7	7	8	10
0°	3	4	5	5	6	6	6	7	7	8	10
-1.25°	3	4	5	5	6	6	6	7	7	8	10
-2.5°	3	4	5	5	6	6	6	7	7	8	10
-3.75°	3	4	5	5	6	6	6	7	7	8	10
-5°	3	4	5	5	6	6	6	7	7	8	9
-6.25°	3	4	5	5	6	6	6	7	7	8	9
-7.5°	3	4	5	5	6	6	6	7	7	8	9
-8.75°	3	4	5	5	5	6	6	7	7	8	9
-10°	3	4	4	5	5	6	6	7	7	8	9
-11.25°	3	4	4	5	5	6	6	7	7	8	9
-12.5°	3	4	4	5	5	6	6	6	7	7	9
-13.75°	3	3	4	5	5	6	6	6	7	7	8
-15°	3	3	4	5	5	6	6	6	7	7	8
-16.25°	3	3	4	5	5	6	6	6	7	7	8
-17.5°	3	3	4	5	5	5	6	6	7	7	7
-18.75°	3	3	4	4	5	5	6	6	6	7	7
-20°	3	3	4	4	5	5	6	6	6	7	7
-21.25°	3	3	3	4	5	5	6	6	6	7	7



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	3	3	4	5	5	5	6	6	7	7
-23.75°	2	3	3	4	4	5	5	6	6	6	7
-25°	2	3	3	4	4	5	5	6	6	6	7
-26.25°	2	3	3	3	4	5	5	5	6	6	6
-27.5°	2	2	3	3	4	4	5	5	6	6	6
-28.75°	2	2	3	3	4	4	5	5	6	6	6
-30°	2	2	3	3	3	4	5	5	5	6	6
-31.25°	2	2	2	3	3	4	4	5	5	6	6
-32.5°	2	2	2	3	3	3	4	5	5	5	6
-33.75°	2	2	2	3	3	3	4	4	5	5	6
-35°	2	2	2	2	3	3	4	4	5	5	5
-36.25°	2	2	2	2	3	3	3	4	4	5	5
-37.5°	2	2	2	2	2	3	3	4	4	5	5
-38.75°	2	2	2	2	2	3	3	3	4	4	5
-40°	1	2	2	2	2	2	3	3	3	4	4
-41.25°	1	2	2	2	2	2	3	3	3	4	4
-42.5°	1	1	2	2	2	2	2	3	3	3	4
-43.75°	1	1	2	2	2	2	2	2	3	3	3
-45°	1	1	1	2	2	2	2	2	3	3	3
-46.25°	1	1	1	1	2	2	2	2	2	3	3
-47.5°	1	1	1	1	2	2	2	2	2	2	3
-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	2	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	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°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	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	1	1	1	1	1	1
-70°	0	0	0	0	0	0	0	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	0	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1	1	1
73.75°	0	0	0	0	1	1	1	1	1	1	1
72.5°	0	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	2	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	2	2	2	2	2	2	2	2	2	3
56.25°	2	2	2	2	2	2	2	2	3	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	4	4
52.5°	2	2	2	3	3	3	3	3	4	4	4
51.25°	2	2	3	3	3	3	4	4	4	5	5
50°	2	3	3	3	3	4	4	4	5	5	5
48.75°	3	3	3	3	4	4	5	5	5	5	5
47.5°	3	3	3	4	4	5	5	5	5	6	6
46.25°	3	3	4	4	5	5	5	5	6	6	6
45°	3	4	4	5	5	5	5	6	6	6	6
43.75°	4	4	5	5	5	5	6	6	6	6	7
42.5°	4	5	5	5	5	6	6	6	6	7	7
41.25°	5	5	5	5	6	6	6	6	7	7	7
40°	5	5	5	6	6	6	6	7	7	7	8
38.75°	5	5	6	6	6	6	7	7	7	8	9
37.5°	5	6	6	6	6	7	7	7	8	9	9
36.25°	5	6	6	6	7	7	7	8	9	9	11
35°	6	6	6	7	7	7	8	9	9	11	13



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	6	6	6	7	7	7	8	9	11	12	14
32.5°	6	6	7	7	7	8	9	10	12	14	18
31.25°	6	6	7	7	8	9	10	12	14	17	23
30°	6	7	7	7	8	9	11	13	15	22	28
28.75°	7	7	7	8	9	10	12	15	20	27	34
27.5°	7	7	8	8	9	11	14	17	25	32	42
26.25°	7	7	8	9	10	13	15	22	29	38	51
25°	7	7	8	9	12	14	19	26	33	46	59
23.75°	7	8	9	10	13	15	22	30	41	54	67
22.5°	7	8	9	11	14	18	26	34	48	61	75
21.25°	8	9	10	12	15	22	30	41	54	68	82
20°	8	9	11	13	17	25	33	47	61	75	90
18.75°	8	9	12	14	20	28	39	53	67	82	96
17.5°	9	10	12	15	23	31	44	58	73	88	104
16.25°	9	11	13	17	26	34	49	64	79	94	112
15°	9	11	14	19	28	39	54	69	84	100	119
13.75°	9	12	15	22	30	43	58	74	89	106	125
12.5°	10	12	15	24	32	47	62	78	94	112	132
11.25°	10	13	17	26	35	50	66	82	98	117	137
10°	11	13	18	27	38	54	69	86	102	122	142
8.75°	11	14	20	29	41	56	72	89	106	127	147
7.5°	11	14	21	30	43	59	75	91	110	130	152
6.25°	12	15	22	31	45	61	77	94	113	134	156
5°	12	15	23	32	47	63	79	96	116	136	159
3.75°	12	15	24	33	48	64	81	97	118	138	161
2.5°	12	15	24	33	49	65	82	98	119	140	163
1.25°	12	15	24	33	49	66	82	99	120	141	164
0°	12	15	24	34	50	66	83	99	120	141	164
-1.25°	12	15	24	33	49	66	82	99	120	141	164
-2.5°	12	15	24	33	49	65	82	98	119	140	163
-3.75°	12	15	24	33	48	64	81	97	118	138	161
-5°	12	15	23	32	47	63	79	96	116	136	159
-6.25°	12	15	22	31	45	61	77	94	113	134	156
-7.5°	11	14	21	30	43	59	75	91	110	130	152
-8.75°	11	14	20	29	41	56	72	89	106	127	147
-10°	11	13	18	27	38	54	69	86	102	122	142
-11.25°	10	13	17	26	35	50	66	82	98	117	137
-12.5°	10	12	15	24	32	47	62	78	94	112	132
-13.75°	9	12	15	22	30	43	58	74	89	106	125
-15°	9	11	14	19	28	39	54	69	84	100	119
-16.25°	9	11	13	17	26	34	49	64	79	94	112
-17.5°	9	10	12	15	23	31	44	58	73	88	104
-18.75°	8	9	12	14	20	28	39	53	67	82	96
-20°	8	9	11	13	17	25	33	47	61	75	90
-21.25°	8	9	10	12	15	22	30	41	54	68	82



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	7	8	9	11	14	18	26	34	48	61	75
-23.75°	7	8	9	10	13	15	22	30	41	54	67
-25°	7	7	8	9	12	14	19	26	33	46	59
-26.25°	7	7	8	9	10	13	15	22	29	38	51
-27.5°	7	7	8	8	9	11	14	17	25	32	42
-28.75°	7	7	7	8	9	10	12	15	20	27	34
-30°	6	7	7	7	8	9	11	13	15	22	28
-31.25°	6	6	7	7	8	9	10	12	14	17	23
-32.5°	6	6	7	7	7	8	9	10	12	14	18
-33.75°	6	6	6	7	7	7	8	9	11	12	14
-35°	6	6	6	7	7	7	8	9	9	11	13
-36.25°	5	6	6	6	7	7	7	8	9	9	11
-37.5°	5	6	6	6	6	7	7	7	8	9	9
-38.75°	5	5	6	6	6	6	7	7	7	8	9
-40°	5	5	5	6	6	6	6	7	7	7	8
-41.25°	5	5	5	5	6	6	6	6	7	7	7
-42.5°	4	5	5	5	5	6	6	6	6	7	7
-43.75°	4	4	5	5	5	5	6	6	6	6	7
-45°	3	4	4	5	5	5	5	6	6	6	6
-46.25°	3	3	4	4	5	5	5	5	6	6	6
-47.5°	3	3	3	4	4	5	5	5	5	6	6
-48.75°	3	3	3	3	4	4	5	5	5	5	5
-50°	2	3	3	3	3	4	4	4	5	5	5
-51.25°	2	2	3	3	3	3	4	4	4	5	5
-52.5°	2	2	2	3	3	3	3	3	4	4	4
-53.75°	2	2	2	2	2	3	3	3	3	4	4
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	3	3	3
-57.5°	1	2	2	2	2	2	2	2	2	2	3
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	2	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	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	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	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	3	3	3	3	3
60°	2	2	2	2	3	3	3	3	3	3	3
58.75°	2	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	4	4	4	4	4	5
56.25°	3	3	3	4	4	4	4	5	5	5	5
55°	4	4	4	4	5	5	5	5	5	5	5
53.75°	4	4	5	5	5	5	5	5	6	6	6
52.5°	5	5	5	5	5	6	6	6	6	6	6
51.25°	5	5	5	6	6	6	6	6	6	6	7
50°	5	6	6	6	6	6	6	6	7	7	7
48.75°	6	6	6	6	6	7	7	7	7	7	7
47.5°	6	6	6	6	7	7	7	7	7	8	8
46.25°	6	6	7	7	7	7	8	8	8	9	9
45°	7	7	7	7	7	8	8	9	9	10	11
43.75°	7	7	7	8	8	9	9	10	12	13	14
42.5°	7	7	8	9	9	10	11	13	14	15	18
41.25°	8	8	9	10	11	12	14	15	19	22	26
40°	9	9	10	12	13	15	17	22	26	30	34
38.75°	9	11	12	14	15	20	25	29	33	41	48
37.5°	11	12	14	17	22	27	32	38	46	54	61
36.25°	13	14	18	23	28	34	42	51	59	67	75
35°	14	18	24	30	36	45	54	63	72	80	88



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	88	102	119	135	153	171	188	210	231	252	275
-23.75°	80	93	108	124	140	157	174	191	212	232	252
-25°	72	85	97	112	128	143	160	176	193	212	231
-26.25°	63	75	88	100	115	130	145	160	176	191	210
-27.5°	54	66	78	90	102	117	131	145	160	174	188
-28.75°	45	57	68	80	91	103	117	130	143	157	171
-30°	36	47	58	69	80	91	102	115	128	140	153
-31.25°	30	37	48	59	69	80	90	100	112	124	135
-32.5°	24	30	38	48	58	68	78	88	97	108	119
-33.75°	18	24	30	37	47	57	66	75	85	93	102
-35°	14	18	24	30	36	45	54	63	72	80	88
-36.25°	13	14	18	23	28	34	42	51	59	67	75
-37.5°	11	12	14	17	22	27	32	38	46	54	61
-38.75°	9	11	12	14	15	20	25	29	33	41	48
-40°	9	9	10	12	13	15	17	22	26	30	34
-41.25°	8	8	9	10	11	12	14	15	19	22	26
-42.5°	7	7	8	9	9	10	11	13	14	15	18
-43.75°	7	7	7	8	8	9	9	10	12	13	14
-45°	7	7	7	7	7	8	8	9	9	10	11
-46.25°	6	6	7	7	7	7	8	8	8	9	9
-47.5°	6	6	6	6	7	7	7	7	7	8	8
-48.75°	6	6	6	6	6	7	7	7	7	7	7
-50°	5	6	6	6	6	6	6	6	7	7	7
-51.25°	5	5	5	6	6	6	6	6	6	6	7
-52.5°	5	5	5	5	5	6	6	6	6	6	6
-53.75°	4	4	5	5	5	5	5	5	6	6	6
-55°	4	4	4	4	5	5	5	5	5	5	5
-56.25°	3	3	3	4	4	4	4	5	5	5	5
-57.5°	3	3	3	3	3	4	4	4	4	4	5
-58.75°	2	3	3	3	3	3	3	3	4	4	4
-60°	2	2	2	2	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	3	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	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	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	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	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	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	4	4	4	4
60°	3	4	4	4	4	4	4	4	4	4	5
58.75°	4	4	4	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	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	7	7	7
52.5°	6	6	6	7	7	7	7	7	7	7	7
51.25°	7	7	7	7	7	7	7	7	8	8	8
50°	7	7	7	7	8	8	8	9	9	9	9
48.75°	8	8	8	9	9	9	9	10	10	11	11
47.5°	9	9	9	10	11	11	12	12	13	13	14
46.25°	10	11	12	12	13	14	15	15	17	18	20
45°	12	13	14	15	17	19	22	24	26	27	29
43.75°	15	17	20	23	26	28	30	32	35	38	41
42.5°	22	25	28	31	34	39	43	47	50	54	56
41.25°	30	33	39	44	49	54	58	62	66	69	72
40°	41	47	53	58	64	69	74	78	82	86	89
38.75°	54	61	67	73	79	84	89	94	98	102	106
37.5°	68	75	82	88	94	100	106	112	117	122	127
36.25°	82	90	96	104	112	119	125	132	137	142	147
35°	96	105	114	122	130	138	145	152	159	165	170



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	113	122	132	140	150	158	166	174	181	187	193
32.5°	130	140	150	160	170	179	187	197	206	214	222
31.25°	147	159	170	180	191	203	214	224	234	242	250
30°	165	177	189	203	216	229	240	252	263	273	282
28.75°	184	198	213	228	242	256	269	282	294	304	314
27.5°	205	222	237	253	269	285	299	312	326	339	355
26.25°	227	244	263	280	297	313	330	348	372	395	428
25°	249	269	289	307	327	347	376	411	454	499	546
23.75°	274	294	315	337	367	404	456	515	575	635	690
22.5°	297	320	344	381	434	497	570	644	715	784	846
21.25°	321	350	389	454	532	615	701	785	864	934	996
20°	350	392	464	553	647	743	839	925	1004	1072	1126
18.75°	389	464	560	663	770	874	970	1055	1126	1180	1217
17.5°	454	553	663	779	892	997	1089	1160	1212	1249	1279
16.25°	532	647	770	892	1005	1106	1180	1230	1270	1305	1337
15°	615	743	874	997	1106	1187	1239	1282	1322	1360	1393
13.75°	701	839	970	1089	1180	1239	1287	1331	1374	1413	1451
12.5°	785	925	1055	1160	1230	1282	1331	1378	1423	1466	1504
11.25°	864	1004	1126	1212	1270	1322	1374	1423	1472	1515	1560
10°	934	1072	1180	1249	1305	1360	1413	1466	1515	1566	1619
8.75°	996	1126	1217	1279	1337	1393	1451	1504	1560	1619	1676
7.5°	1047	1167	1245	1305	1365	1424	1483	1541	1604	1668	1726
6.25°	1091	1200	1267	1329	1390	1452	1512	1575	1645	1710	1770
5°	1122	1219	1285	1348	1411	1475	1538	1607	1679	1746	1805
3.75°	1144	1234	1299	1364	1428	1492	1559	1633	1706	1773	1831
2.5°	1160	1244	1310	1375	1441	1505	1574	1651	1725	1793	1850
1.25°	1169	1251	1316	1382	1448	1513	1585	1663	1737	1805	1861
0°	1173	1253	1318	1384	1451	1516	1588	1667	1741	1809	1864
-1.25°	1169	1251	1316	1382	1448	1513	1585	1663	1737	1805	1861
-2.5°	1160	1244	1310	1375	1441	1505	1574	1651	1725	1793	1850
-3.75°	1144	1234	1299	1364	1428	1492	1559	1633	1706	1773	1831
-5°	1122	1219	1285	1348	1411	1475	1538	1607	1679	1746	1805
-6.25°	1091	1200	1267	1329	1390	1452	1512	1575	1645	1710	1770
-7.5°	1047	1167	1245	1305	1365	1424	1483	1541	1604	1668	1726
-8.75°	996	1126	1217	1279	1337	1393	1451	1504	1560	1619	1676
-10°	934	1072	1180	1249	1305	1360	1413	1466	1515	1566	1619
-11.25°	864	1004	1126	1212	1270	1322	1374	1423	1472	1515	1560
-12.5°	785	925	1055	1160	1230	1282	1331	1378	1423	1466	1504
-13.75°	701	839	970	1089	1180	1239	1287	1331	1374	1413	1451
-15°	615	743	874	997	1106	1187	1239	1282	1322	1360	1393
-16.25°	532	647	770	892	1005	1106	1180	1230	1270	1305	1337
-17.5°	454	553	663	779	892	997	1089	1160	1212	1249	1279
-18.75°	389	464	560	663	770	874	970	1055	1126	1180	1217
-20°	350	392	464	553	647	743	839	925	1004	1072	1126
-21.25°	321	350	389	454	532	615	701	785	864	934	996



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	297	320	344	381	434	497	570	644	715	784	846
-23.75°	274	294	315	337	367	404	456	515	575	635	690
-25°	249	269	289	307	327	347	376	411	454	499	546
-26.25°	227	244	263	280	297	313	330	348	372	395	428
-27.5°	205	222	237	253	269	285	299	312	326	339	355
-28.75°	184	198	213	228	242	256	269	282	294	304	314
-30°	165	177	189	203	216	229	240	252	263	273	282
-31.25°	147	159	170	180	191	203	214	224	234	242	250
-32.5°	130	140	150	160	170	179	187	197	206	214	222
-33.75°	113	122	132	140	150	158	166	174	181	187	193
-35°	96	105	114	122	130	138	145	152	159	165	170
-36.25°	82	90	96	104	112	119	125	132	137	142	147
-37.5°	68	75	82	88	94	100	106	112	117	122	127
-38.75°	54	61	67	73	79	84	89	94	98	102	106
-40°	41	47	53	58	64	69	74	78	82	86	89
-41.25°	30	33	39	44	49	54	58	62	66	69	72
-42.5°	22	25	28	31	34	39	43	47	50	54	56
-43.75°	15	17	20	23	26	28	30	32	35	38	41
-45°	12	13	14	15	17	19	22	24	26	27	29
-46.25°	10	11	12	12	13	14	15	15	17	18	20
-47.5°	9	9	9	10	11	11	12	12	13	13	14
-48.75°	8	8	8	9	9	9	9	10	10	11	11
-50°	7	7	7	7	8	8	8	9	9	9	9
-51.25°	7	7	7	7	7	7	7	7	8	8	8
-52.5°	6	6	6	7	7	7	7	7	7	7	7
-53.75°	6	6	6	6	6	6	6	6	7	7	7
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	5	5	5	5	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	5	5	5	5	5	5	5	5
-60°	3	4	4	4	4	4	4	4	4	4	5
-61.25°	3	3	3	3	3	3	3	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	3	3	3	3	3
-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	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
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	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	7	7	7	7	7
51.25°	8	8	8	8	8	8	8	8	8	8	8
50°	9	9	9	10	10	10	10	10	10	10	9
48.75°	11	12	12	12	12	12	12	12	12	12	12
47.5°	14	15	15	15	15	15	15	15	15	15	15
46.25°	21	22	23	24	24	24	24	24	24	24	23
45°	30	31	32	33	33	33	34	33	33	33	32
43.75°	43	45	47	48	49	49	50	49	49	48	47
42.5°	59	61	63	64	65	66	66	66	65	64	63
41.25°	75	77	79	81	82	82	83	82	82	81	79
40°	91	94	96	97	98	99	99	99	98	97	96
38.75°	110	113	116	118	119	120	120	120	119	118	116
37.5°	130	134	136	138	140	141	141	141	140	138	136
36.25°	152	156	159	161	163	164	164	164	163	161	159
35°	174	178	182	184	186	187	187	187	186	184	182



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	200	205	209	212	215	216	217	216	215	212	209
32.5°	228	233	238	241	244	245	246	245	244	241	238
31.25°	258	264	270	274	277	278	279	278	277	274	270
30°	290	297	302	307	310	312	312	312	310	307	302
28.75°	323	332	338	344	350	354	355	354	350	344	338
27.5°	371	384	399	414	425	432	434	432	425	414	399
26.25°	458	485	513	534	550	559	562	559	550	534	513
25°	587	626	659	685	703	714	718	714	703	685	659
23.75°	740	784	821	850	870	882	886	882	870	850	821
22.5°	898	944	981	1009	1028	1040	1044	1040	1028	1009	981
21.25°	1047	1091	1122	1144	1160	1169	1173	1169	1160	1144	1122
20°	1167	1200	1219	1234	1244	1251	1253	1251	1244	1234	1219
18.75°	1245	1267	1285	1299	1310	1316	1318	1316	1310	1299	1285
17.5°	1305	1329	1348	1364	1375	1382	1384	1382	1375	1364	1348
16.25°	1365	1390	1411	1428	1441	1448	1451	1448	1441	1428	1411
15°	1424	1452	1475	1492	1505	1513	1516	1513	1505	1492	1475
13.75°	1483	1512	1538	1559	1574	1585	1588	1585	1574	1559	1538
12.5°	1541	1575	1607	1633	1651	1663	1667	1663	1651	1633	1607
11.25°	1604	1645	1679	1706	1725	1737	1741	1737	1725	1706	1679
10°	1668	1710	1746	1773	1793	1805	1809	1805	1793	1773	1746
8.75°	1726	1770	1805	1831	1850	1861	1864	1861	1850	1831	1805
7.5°	1777	1820	1854	1880	1898	1907	1911	1907	1898	1880	1854
6.25°	1820	1861	1895	1917	1932	1939	1941	1939	1932	1917	1895
5°	1854	1895	1924	1941	1950	1954	1956	1954	1950	1941	1924
3.75°	1880	1917	1941	1953	1957	1958	1958	1958	1957	1953	1941
2.5°	1898	1932	1950	1957	1957	1954	1952	1954	1957	1957	1950
1.25°	1907	1939	1954	1958	1954	1950	1950	1950	1954	1958	1954
0°	1911	1941	1956	1958	1952	1950	1955	1950	1952	1958	1956
-1.25°	1907	1939	1954	1958	1954	1950	1950	1950	1954	1958	1954
-2.5°	1898	1932	1950	1957	1957	1954	1952	1954	1957	1957	1950
-3.75°	1880	1917	1941	1953	1957	1958	1958	1958	1957	1953	1941
-5°	1854	1895	1924	1941	1950	1954	1956	1954	1950	1941	1924
-6.25°	1820	1861	1895	1917	1932	1939	1941	1939	1932	1917	1895
-7.5°	1777	1820	1854	1880	1898	1907	1911	1907	1898	1880	1854
-8.75°	1726	1770	1805	1831	1850	1861	1864	1861	1850	1831	1805
-10°	1668	1710	1746	1773	1793	1805	1809	1805	1793	1773	1746
-11.25°	1604	1645	1679	1706	1725	1737	1741	1737	1725	1706	1679
-12.5°	1541	1575	1607	1633	1651	1663	1667	1663	1651	1633	1607
-13.75°	1483	1512	1538	1559	1574	1585	1588	1585	1574	1559	1538
-15°	1424	1452	1475	1492	1505	1513	1516	1513	1505	1492	1475
-16.25°	1365	1390	1411	1428	1441	1448	1451	1448	1441	1428	1411
-17.5°	1305	1329	1348	1364	1375	1382	1384	1382	1375	1364	1348
-18.75°	1245	1267	1285	1299	1310	1316	1318	1316	1310	1299	1285
-20°	1167	1200	1219	1234	1244	1251	1253	1251	1244	1234	1219
-21.25°	1047	1091	1122	1144	1160	1169	1173	1169	1160	1144	1122



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	898	944	981	1009	1028	1040	1044	1040	1028	1009	981
-23.75°	740	784	821	850	870	882	886	882	870	850	821
-25°	587	626	659	685	703	714	718	714	703	685	659
-26.25°	458	485	513	534	550	559	562	559	550	534	513
-27.5°	371	384	399	414	425	432	434	432	425	414	399
-28.75°	323	332	338	344	350	354	355	354	350	344	338
-30°	290	297	302	307	310	312	312	312	310	307	302
-31.25°	258	264	270	274	277	278	279	278	277	274	270
-32.5°	228	233	238	241	244	245	246	245	244	241	238
-33.75°	200	205	209	212	215	216	217	216	215	212	209
-35°	174	178	182	184	186	187	187	187	186	184	182
-36.25°	152	156	159	161	163	164	164	164	163	161	159
-37.5°	130	134	136	138	140	141	141	141	140	138	136
-38.75°	110	113	116	118	119	120	120	120	119	118	116
-40°	91	94	96	97	98	99	99	99	98	97	96
-41.25°	75	77	79	81	82	82	83	82	82	81	79
-42.5°	59	61	63	64	65	66	66	66	65	64	63
-43.75°	43	45	47	48	49	49	50	49	49	48	47
-45°	30	31	32	33	33	33	34	33	33	33	32
-46.25°	21	22	23	24	24	24	24	24	24	24	23
-47.5°	14	15	15	15	15	15	15	15	15	15	15
-48.75°	11	12	12	12	12	12	12	12	12	12	12
-50°	9	9	9	10	10	10	10	10	10	10	9
-51.25°	8	8	8	8	8	8	8	8	8	8	8
-52.5°	7	7	7	7	7	7	7	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	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°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-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	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	2	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°	3	3	3	3	3	3	3	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	3	3	3	3	3
60°	5	5	5	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	4
57.5°	6	6	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	5	5
55°	6	6	6	6	6	6	6	6	6	6	6
53.75°	7	7	7	7	7	6	6	6	6	6	6
52.5°	7	7	7	7	7	7	7	7	7	7	6
51.25°	8	8	8	8	8	7	7	7	7	7	7
50°	9	9	9	9	9	9	8	8	8	7	7
48.75°	12	11	11	11	10	10	9	9	9	9	8
47.5°	15	14	14	13	13	12	12	11	11	10	9
46.25°	22	21	20	18	17	15	15	14	13	12	12
45°	31	30	29	27	26	24	22	19	17	15	14
43.75°	45	43	41	38	35	32	30	28	26	23	20
42.5°	61	59	56	54	50	47	43	39	34	31	28
41.25°	77	75	72	69	66	62	58	54	49	44	39
40°	94	91	89	86	82	78	74	69	64	58	53
38.75°	113	110	106	102	98	94	89	84	79	73	67
37.5°	134	130	127	122	117	112	106	100	94	88	82
36.25°	156	152	147	142	137	132	125	119	112	104	96
35°	178	174	170	165	159	152	145	138	130	122	114



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	205	200	193	187	181	174	166	158	150	140	132
32.5°	233	228	222	214	206	197	187	179	170	160	150
31.25°	264	258	250	242	234	224	214	203	191	180	170
30°	297	290	282	273	263	252	240	229	216	203	189
28.75°	332	323	314	304	294	282	269	256	242	228	213
27.5°	384	371	355	339	326	312	299	285	269	253	237
26.25°	485	458	428	395	372	348	330	313	297	280	263
25°	626	587	546	499	454	411	376	347	327	307	289
23.75°	784	740	690	635	575	515	456	404	367	337	315
22.5°	944	898	846	784	715	644	570	497	434	381	344
21.25°	1091	1047	996	934	864	785	701	615	532	454	389
20°	1200	1167	1126	1072	1004	925	839	743	647	553	464
18.75°	1267	1245	1217	1180	1126	1055	970	874	770	663	560
17.5°	1329	1305	1279	1249	1212	1160	1089	997	892	779	663
16.25°	1390	1365	1337	1305	1270	1230	1180	1106	1005	892	770
15°	1452	1424	1393	1360	1322	1282	1239	1187	1106	997	874
13.75°	1512	1483	1451	1413	1374	1331	1287	1239	1180	1089	970
12.5°	1575	1541	1504	1466	1423	1378	1331	1282	1230	1160	1055
11.25°	1645	1604	1560	1515	1472	1423	1374	1322	1270	1212	1126
10°	1710	1668	1619	1566	1515	1466	1413	1360	1305	1249	1180
8.75°	1770	1726	1676	1619	1560	1504	1451	1393	1337	1279	1217
7.5°	1820	1777	1726	1668	1604	1541	1483	1424	1365	1305	1245
6.25°	1861	1820	1770	1710	1645	1575	1512	1452	1390	1329	1267
5°	1895	1854	1805	1746	1679	1607	1538	1475	1411	1348	1285
3.75°	1917	1880	1831	1773	1706	1633	1559	1492	1428	1364	1299
2.5°	1932	1898	1850	1793	1725	1651	1574	1505	1441	1375	1310
1.25°	1939	1907	1861	1805	1737	1663	1585	1513	1448	1382	1316
0°	1941	1911	1864	1809	1741	1667	1588	1516	1451	1384	1318
-1.25°	1939	1907	1861	1805	1737	1663	1585	1513	1448	1382	1316
-2.5°	1932	1898	1850	1793	1725	1651	1574	1505	1441	1375	1310
-3.75°	1917	1880	1831	1773	1706	1633	1559	1492	1428	1364	1299
-5°	1895	1854	1805	1746	1679	1607	1538	1475	1411	1348	1285
-6.25°	1861	1820	1770	1710	1645	1575	1512	1452	1390	1329	1267
-7.5°	1820	1777	1726	1668	1604	1541	1483	1424	1365	1305	1245
-8.75°	1770	1726	1676	1619	1560	1504	1451	1393	1337	1279	1217
-10°	1710	1668	1619	1566	1515	1466	1413	1360	1305	1249	1180
-11.25°	1645	1604	1560	1515	1472	1423	1374	1322	1270	1212	1126
-12.5°	1575	1541	1504	1466	1423	1378	1331	1282	1230	1160	1055
-13.75°	1512	1483	1451	1413	1374	1331	1287	1239	1180	1089	970
-15°	1452	1424	1393	1360	1322	1282	1239	1187	1106	997	874
-16.25°	1390	1365	1337	1305	1270	1230	1180	1106	1005	892	770
-17.5°	1329	1305	1279	1249	1212	1160	1089	997	892	779	663
-18.75°	1267	1245	1217	1180	1126	1055	970	874	770	663	560
-20°	1200	1167	1126	1072	1004	925	839	743	647	553	464
-21.25°	1091	1047	996	934	864	785	701	615	532	454	389



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	944	898	846	784	715	644	570	497	434	381	344
-23.75°	784	740	690	635	575	515	456	404	367	337	315
-25°	626	587	546	499	454	411	376	347	327	307	289
-26.25°	485	458	428	395	372	348	330	313	297	280	263
-27.5°	384	371	355	339	326	312	299	285	269	253	237
-28.75°	332	323	314	304	294	282	269	256	242	228	213
-30°	297	290	282	273	263	252	240	229	216	203	189
-31.25°	264	258	250	242	234	224	214	203	191	180	170
-32.5°	233	228	222	214	206	197	187	179	170	160	150
-33.75°	205	200	193	187	181	174	166	158	150	140	132
-35°	178	174	170	165	159	152	145	138	130	122	114
-36.25°	156	152	147	142	137	132	125	119	112	104	96
-37.5°	134	130	127	122	117	112	106	100	94	88	82
-38.75°	113	110	106	102	98	94	89	84	79	73	67
-40°	94	91	89	86	82	78	74	69	64	58	53
-41.25°	77	75	72	69	66	62	58	54	49	44	39
-42.5°	61	59	56	54	50	47	43	39	34	31	28
-43.75°	45	43	41	38	35	32	30	28	26	23	20
-45°	31	30	29	27	26	24	22	19	17	15	14
-46.25°	22	21	20	18	17	15	15	14	13	12	12
-47.5°	15	14	14	13	13	12	12	11	11	10	9
-48.75°	12	11	11	11	10	10	9	9	9	9	8
-50°	9	9	9	9	9	9	8	8	8	7	7
-51.25°	8	8	8	8	8	7	7	7	7	7	7
-52.5°	7	7	7	7	7	7	7	7	7	7	6
-53.75°	7	7	7	7	7	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	5	5
-57.5°	6	6	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	4
-60°	5	5	5	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	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	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	1	1	0	0	0	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	3	2	2	2	2	2
60°	4	3	3	3	3	3	3	3	3	2	2
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	5	5	5	4	4	4	4	4	3	3	3
56.25°	5	5	5	5	5	5	4	4	4	4	3
55°	6	6	5	5	5	5	5	5	5	4	4
53.75°	6	6	6	6	6	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	5	5	5
51.25°	7	7	7	6	6	6	6	6	6	6	5
50°	7	7	7	7	7	6	6	6	6	6	6
48.75°	8	8	7	7	7	7	7	7	6	6	6
47.5°	9	9	8	8	7	7	7	7	7	6	6
46.25°	11	10	9	9	8	8	8	7	7	7	7
45°	13	12	11	10	9	9	8	8	7	7	7
43.75°	17	15	14	13	12	10	9	9	8	8	7
42.5°	25	22	18	15	14	13	11	10	9	9	8
41.25°	33	30	26	22	19	15	14	12	11	10	9
40°	47	41	34	30	26	22	17	15	13	12	10
38.75°	61	54	48	41	33	29	25	20	15	14	12
37.5°	75	68	61	54	46	38	32	27	22	17	14
36.25°	90	82	75	67	59	51	42	34	28	23	18
35°	105	96	88	80	72	63	54	45	36	30	24



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	122	113	102	93	85	75	66	57	47	37	30
32.5°	140	130	119	108	97	88	78	68	58	48	38
31.25°	159	147	135	124	112	100	90	80	69	59	48
30°	177	165	153	140	128	115	102	91	80	69	58
28.75°	198	184	171	157	143	130	117	103	91	80	68
27.5°	222	205	188	174	160	145	131	117	102	90	78
26.25°	244	227	210	191	176	160	145	130	115	100	88
25°	269	249	231	212	193	176	160	143	128	112	97
23.75°	294	274	252	232	212	191	174	157	140	124	108
22.5°	320	297	275	252	231	210	188	171	153	135	119
21.25°	350	321	297	274	249	227	205	184	165	147	130
20°	392	350	320	294	269	244	222	198	177	159	140
18.75°	464	389	344	315	289	263	237	213	189	170	150
17.5°	553	454	381	337	307	280	253	228	203	180	160
16.25°	647	532	434	367	327	297	269	242	216	191	170
15°	743	615	497	404	347	313	285	256	229	203	179
13.75°	839	701	570	456	376	330	299	269	240	214	187
12.5°	925	785	644	515	411	348	312	282	252	224	197
11.25°	1004	864	715	575	454	372	326	294	263	234	206
10°	1072	934	784	635	499	395	339	304	273	242	214
8.75°	1126	996	846	690	546	428	355	314	282	250	222
7.5°	1167	1047	898	740	587	458	371	323	290	258	228
6.25°	1200	1091	944	784	626	485	384	332	297	264	233
5°	1219	1122	981	821	659	513	399	338	302	270	238
3.75°	1234	1144	1009	850	685	534	414	344	307	274	241
2.5°	1244	1160	1028	870	703	550	425	350	310	277	244
1.25°	1251	1169	1040	882	714	559	432	354	312	278	245
0°	1253	1173	1044	886	718	562	434	355	312	279	246
-1.25°	1251	1169	1040	882	714	559	432	354	312	278	245
-2.5°	1244	1160	1028	870	703	550	425	350	310	277	244
-3.75°	1234	1144	1009	850	685	534	414	344	307	274	241
-5°	1219	1122	981	821	659	513	399	338	302	270	238
-6.25°	1200	1091	944	784	626	485	384	332	297	264	233
-7.5°	1167	1047	898	740	587	458	371	323	290	258	228
-8.75°	1126	996	846	690	546	428	355	314	282	250	222
-10°	1072	934	784	635	499	395	339	304	273	242	214
-11.25°	1004	864	715	575	454	372	326	294	263	234	206
-12.5°	925	785	644	515	411	348	312	282	252	224	197
-13.75°	839	701	570	456	376	330	299	269	240	214	187
-15°	743	615	497	404	347	313	285	256	229	203	179
-16.25°	647	532	434	367	327	297	269	242	216	191	170
-17.5°	553	454	381	337	307	280	253	228	203	180	160
-18.75°	464	389	344	315	289	263	237	213	189	170	150
-20°	392	350	320	294	269	244	222	198	177	159	140
-21.25°	350	321	297	274	249	227	205	184	165	147	130



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	320	297	275	252	231	210	188	171	153	135	119
-23.75°	294	274	252	232	212	191	174	157	140	124	108
-25°	269	249	231	212	193	176	160	143	128	112	97
-26.25°	244	227	210	191	176	160	145	130	115	100	88
-27.5°	222	205	188	174	160	145	131	117	102	90	78
-28.75°	198	184	171	157	143	130	117	103	91	80	68
-30°	177	165	153	140	128	115	102	91	80	69	58
-31.25°	159	147	135	124	112	100	90	80	69	59	48
-32.5°	140	130	119	108	97	88	78	68	58	48	38
-33.75°	122	113	102	93	85	75	66	57	47	37	30
-35°	105	96	88	80	72	63	54	45	36	30	24
-36.25°	90	82	75	67	59	51	42	34	28	23	18
-37.5°	75	68	61	54	46	38	32	27	22	17	14
-38.75°	61	54	48	41	33	29	25	20	15	14	12
-40°	47	41	34	30	26	22	17	15	13	12	10
-41.25°	33	30	26	22	19	15	14	12	11	10	9
-42.5°	25	22	18	15	14	13	11	10	9	9	8
-43.75°	17	15	14	13	12	10	9	9	8	8	7
-45°	13	12	11	10	9	9	8	8	7	7	7
-46.25°	11	10	9	9	8	8	8	7	7	7	7
-47.5°	9	9	8	8	7	7	7	7	7	6	6
-48.75°	8	8	7	7	7	7	7	7	6	6	6
-50°	7	7	7	7	7	6	6	6	6	6	6
-51.25°	7	7	7	6	6	6	6	6	6	6	5
-52.5°	6	6	6	6	6	6	6	6	5	5	5
-53.75°	6	6	6	6	6	5	5	5	5	5	5
-55°	6	6	5	5	5	5	5	5	5	4	4
-56.25°	5	5	5	5	5	5	4	4	4	4	3
-57.5°	5	5	5	4	4	4	4	4	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	3	3	3	3	3	3	3	3	2	2
-61.25°	3	3	3	3	3	3	2	2	2	2	2
-62.5°	3	3	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	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	2	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	1	1
58.75°	3	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	3	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	2	2	2	2	2	2
55°	4	4	3	3	3	3	3	2	2	2	2
53.75°	4	4	4	4	3	3	3	3	2	2	2
52.5°	5	5	4	4	4	3	3	3	3	3	2
51.25°	5	5	5	5	4	4	4	3	3	3	3
50°	6	5	5	5	5	4	4	4	3	3	3
48.75°	6	6	5	5	5	5	5	4	4	3	3
47.5°	6	6	6	6	5	5	5	5	4	4	3
46.25°	6	6	6	6	6	5	5	5	5	4	4
45°	7	7	6	6	6	6	5	5	5	5	4
43.75°	7	7	7	6	6	6	6	5	5	5	5
42.5°	7	7	7	7	6	6	6	6	5	5	5
41.25°	8	8	7	7	7	6	6	6	6	5	5
40°	9	9	8	7	7	7	6	6	6	6	5
38.75°	11	9	9	8	7	7	7	6	6	6	6
37.5°	12	11	9	9	8	7	7	7	6	6	6
36.25°	14	13	11	9	9	8	7	7	7	6	6
35°	18	14	13	11	9	9	8	7	7	7	6



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	24	18	14	12	11	9	8	7	7	7	6
32.5°	30	24	18	14	12	10	9	8	7	7	7
31.25°	37	30	23	17	14	12	10	9	8	7	7
30°	47	36	28	22	15	13	11	9	8	7	7
28.75°	57	45	34	27	20	15	12	10	9	8	7
27.5°	66	54	42	32	25	17	14	11	9	8	8
26.25°	75	63	51	38	29	22	15	13	10	9	8
25°	85	72	59	46	33	26	19	14	12	9	8
23.75°	93	80	67	54	41	30	22	15	13	10	9
22.5°	102	88	75	61	48	34	26	18	14	11	9
21.25°	113	96	82	68	54	41	30	22	15	12	10
20°	122	105	90	75	61	47	33	25	17	13	11
18.75°	132	114	96	82	67	53	39	28	20	14	12
17.5°	140	122	104	88	73	58	44	31	23	15	12
16.25°	150	130	112	94	79	64	49	34	26	17	13
15°	158	138	119	100	84	69	54	39	28	19	14
13.75°	166	145	125	106	89	74	58	43	30	22	15
12.5°	174	152	132	112	94	78	62	47	32	24	15
11.25°	181	159	137	117	98	82	66	50	35	26	17
10°	187	165	142	122	102	86	69	54	38	27	18
8.75°	193	170	147	127	106	89	72	56	41	29	20
7.5°	200	174	152	130	110	91	75	59	43	30	21
6.25°	205	178	156	134	113	94	77	61	45	31	22
5°	209	182	159	136	116	96	79	63	47	32	23
3.75°	212	184	161	138	118	97	81	64	48	33	24
2.5°	215	186	163	140	119	98	82	65	49	33	24
1.25°	216	187	164	141	120	99	82	66	49	33	24
0°	217	187	164	141	120	99	83	66	50	34	24
-1.25°	216	187	164	141	120	99	83	66	50	34	24
-2.5°	215	186	163	140	119	98	82	65	49	33	24
-3.75°	212	184	161	138	118	97	81	64	48	33	24
-5°	209	182	159	136	116	96	79	63	47	32	23
-6.25°	205	178	156	134	113	94	77	61	45	31	22
-7.5°	200	174	152	130	110	91	75	59	43	30	21
-8.75°	193	170	147	127	106	89	72	56	41	29	20
-10°	187	165	142	122	102	86	69	54	38	27	18
-11.25°	181	159	137	117	98	82	66	50	35	26	17
-12.5°	174	152	132	112	94	78	62	47	32	24	15
-13.75°	166	145	125	106	89	74	58	43	30	22	15
-15°	158	138	119	100	84	69	54	39	28	19	14
-16.25°	150	130	112	94	79	64	49	34	26	17	13
-17.5°	140	122	104	88	73	58	44	31	23	15	12
-18.75°	132	114	96	82	67	53	39	28	20	14	12
-20°	122	105	90	75	61	47	33	25	17	13	11
-21.25°	113	96	82	68	54	41	30	22	15	12	10



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	102	88	75	61	48	34	26	18	14	11	9
-23.75°	93	80	67	54	41	30	22	15	13	10	9
-25°	85	72	59	46	33	26	19	14	12	9	8
-26.25°	75	63	51	38	29	22	15	13	10	9	8
-27.5°	66	54	42	32	25	17	14	11	9	8	8
-28.75°	57	45	34	27	20	15	12	10	9	8	7
-30°	47	36	28	22	15	13	11	9	8	7	7
-31.25°	37	30	23	17	14	12	10	9	8	7	7
-32.5°	30	24	18	14	12	10	9	8	7	7	7
-33.75°	24	18	14	12	11	9	8	7	7	7	6
-35°	18	14	13	11	9	9	8	7	7	7	6
-36.25°	14	13	11	9	9	8	7	7	7	6	6
-37.5°	12	11	9	9	8	7	7	7	6	6	6
-38.75°	11	9	9	8	7	7	7	6	6	6	6
-40°	9	9	8	7	7	7	6	6	6	6	5
-41.25°	8	8	7	7	7	6	6	6	6	5	5
-42.5°	7	7	7	7	6	6	6	6	5	5	5
-43.75°	7	7	7	6	6	6	6	5	5	5	5
-45°	7	7	6	6	6	6	5	5	5	5	4
-46.25°	6	6	6	6	6	5	5	5	5	4	4
-47.5°	6	6	6	6	5	5	5	5	4	4	3
-48.75°	6	6	5	5	5	5	5	4	4	3	3
-50°	6	5	5	5	5	4	4	4	3	3	3
-51.25°	5	5	5	5	4	4	4	3	3	3	3
-52.5°	5	5	4	4	4	3	3	3	3	3	2
-53.75°	4	4	4	4	3	3	3	3	2	2	2
-55°	4	4	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	2	2	2	2	2	2
-57.5°	3	3	3	2	2	2	2	2	2	2	2
-58.75°	3	2	2	2	2	2	2	2	2	2	1
-60°	2	2	2	2	2	2	2	2	2	1	1
-61.25°	2	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	2	1	1	1	1	1	1
-63.75°	2	2	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	0	0
-75°	1	1	1	1	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	1	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	0	0	0	0	0	0	0
70°	1	1	1	1	1	1	0	0	0	0	0
68.75°	1	1	1	1	1	1	1	1	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	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	2	2	1	1	1	1	1	1
52.5°	2	2	2	2	2	2	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	3	2	2	2	2	2	2	1	1	1	1
48.75°	3	3	2	2	2	2	2	2	1	1	1
47.5°	3	3	3	2	2	2	2	2	2	1	1
46.25°	3	3	3	3	2	2	2	2	2	1	1
45°	4	3	3	3	3	2	2	2	2	2	1
43.75°	4	4	3	3	3	2	2	2	2	2	2
42.5°	5	4	4	3	3	3	2	2	2	2	2
41.25°	5	5	4	4	3	3	3	2	2	2	2
40°	5	5	4	4	3	3	3	2	2	2	2
38.75°	5	5	5	4	4	3	3	3	2	2	2
37.5°	6	5	5	5	4	4	3	3	2	2	2
36.25°	6	5	5	5	4	4	3	3	3	2	2
35°	6	6	5	5	5	4	4	3	3	2	2



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	6	6	6	5	5	4	4	3	3	3	2
32.5°	6	6	6	5	5	5	4	3	3	3	2
31.25°	6	6	6	6	5	5	4	4	3	3	2
30°	7	6	6	6	5	5	5	4	3	3	3
28.75°	7	7	6	6	6	5	5	4	4	3	3
27.5°	7	7	6	6	6	5	5	4	4	3	3
26.25°	7	7	6	6	6	5	5	5	4	3	3
25°	7	7	7	6	6	6	5	5	4	4	3
23.75°	8	7	7	6	6	6	5	5	4	4	3
22.5°	8	7	7	7	6	6	5	5	5	4	3
21.25°	9	8	7	7	6	6	6	5	5	4	3
20°	9	8	7	7	6	6	6	5	5	4	4
18.75°	9	8	7	7	6	6	6	5	5	4	4
17.5°	10	9	7	7	7	6	6	5	5	5	4
16.25°	11	9	8	7	7	6	6	6	5	5	4
15°	11	9	8	7	7	6	6	6	5	5	4
13.75°	12	9	8	7	7	6	6	6	5	5	4
12.5°	12	10	9	7	7	6	6	6	5	5	4
11.25°	13	10	9	8	7	7	6	6	5	5	4
10°	13	11	9	8	7	7	6	6	5	5	4
8.75°	14	11	9	8	7	7	6	6	5	5	5
7.5°	14	11	9	8	7	7	6	6	6	5	5
6.25°	15	12	9	8	7	7	6	6	6	5	5
5°	15	12	9	8	7	7	6	6	6	5	5
3.75°	15	12	10	8	7	7	6	6	6	5	5
2.5°	15	12	10	8	7	7	6	6	6	5	5
1.25°	15	12	10	8	7	7	6	6	6	5	5
0°	15	12	10	8	7	7	6	6	6	5	5
-1.25°	15	12	10	8	7	7	6	6	6	5	5
-2.5°	15	12	10	8	7	7	6	6	6	5	5
-3.75°	15	12	10	8	7	7	6	6	6	5	5
-5°	15	12	9	8	7	7	6	6	6	5	5
-6.25°	15	12	9	8	7	7	6	6	6	5	5
-7.5°	14	11	9	8	7	7	6	6	6	5	5
-8.75°	14	11	9	8	7	7	6	6	5	5	5
-10°	13	11	9	8	7	7	6	6	5	5	4
-11.25°	13	10	9	8	7	7	6	6	5	5	4
-12.5°	12	10	9	7	7	6	6	6	5	5	4
-13.75°	12	9	8	7	7	6	6	6	5	5	4
-15°	11	9	8	7	7	6	6	6	5	5	4
-16.25°	11	9	8	7	7	6	6	6	5	5	4
-17.5°	10	9	7	7	7	6	6	5	5	5	4
-18.75°	9	8	7	7	6	6	6	5	5	4	4
-20°	9	8	7	7	6	6	6	5	5	4	4
-21.25°	9	8	7	7	6	6	6	5	5	4	3



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	8	7	7	7	6	6	5	5	5	4	3
-23.75°	8	7	7	6	6	6	5	5	4	4	3
-25°	7	7	7	6	6	6	5	5	4	4	3
-26.25°	7	7	6	6	6	5	5	5	4	3	3
-27.5°	7	7	6	6	6	5	5	4	4	3	3
-28.75°	7	7	6	6	6	5	5	4	4	3	3
-30°	7	6	6	6	5	5	5	4	3	3	3
-31.25°	6	6	6	6	5	5	4	4	3	3	2
-32.5°	6	6	6	5	5	5	4	3	3	3	2
-33.75°	6	6	6	5	5	4	4	3	3	3	2
-35°	6	6	5	5	5	4	4	3	3	2	2
-36.25°	6	5	5	5	4	4	3	3	3	2	2
-37.5°	6	5	5	5	4	4	3	3	2	2	2
-38.75°	5	5	5	4	4	3	3	3	2	2	2
-40°	5	5	4	4	3	3	3	2	2	2	2
-41.25°	5	5	4	4	3	3	3	2	2	2	2
-42.5°	5	4	4	3	3	3	2	2	2	2	2
-43.75°	4	4	3	3	3	2	2	2	2	2	2
-45°	4	3	3	3	3	2	2	2	2	2	1
-46.25°	3	3	3	3	2	2	2	2	2	1	1
-47.5°	3	3	3	2	2	2	2	2	2	1	1
-48.75°	3	3	2	2	2	2	2	2	1	1	1
-50°	3	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	2	1	1	1	1	1
-53.75°	2	2	2	2	2	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	0	0
-68.75°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	0	0	0	0	0
-71.25°	1	1	1	1	0	0	0	0	0	0	0
-72.5°	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	0	0	0	0	0	0	0
61.25°	1	1	1	1	0	0	0	0	0	0	0
60°	1	1	1	1	1	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	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	1	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	1	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	1	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	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	2	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	2	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	2	1	1	1	1	1	1	1	1



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	2	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°	3	2	2	2	2	1	1	1	1	1	1
25°	3	2	2	2	2	1	1	1	1	1	1
23.75°	3	2	2	2	2	1	1	1	1	1	1
22.5°	3	2	2	2	2	1	1	1	1	1	1
21.25°	3	3	2	2	2	1	1	1	1	1	1
20°	3	3	2	2	2	1	1	1	1	1	1
18.75°	3	3	2	2	2	2	1	1	1	1	1
17.5°	3	3	2	2	2	2	1	1	1	1	1
16.25°	3	3	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	3	2	2	2	1	1	1	1	1
12.5°	4	3	3	2	2	2	1	1	1	1	1
11.25°	4	3	3	2	2	2	1	1	1	1	1
10°	4	3	3	2	2	2	1	1	1	1	1
8.75°	4	3	3	2	2	2	1	1	1	1	1
7.5°	4	3	3	2	2	2	1	1	1	1	1
6.25°	4	3	3	2	2	2	2	1	1	1	1
5°	4	3	3	2	2	2	2	1	1	1	1
3.75°	4	3	3	2	2	2	2	1	1	1	1
2.5°	4	3	3	2	2	2	2	1	1	1	1
1.25°	4	3	3	2	2	2	2	1	1	1	1
0°	4	3	3	2	2	2	2	1	1	1	1
-1.25°	4	3	3	2	2	2	2	1	1	1	1
-2.5°	4	3	3	2	2	2	2	1	1	1	1
-3.75°	4	3	3	2	2	2	2	1	1	1	1
-5°	4	3	3	2	2	2	2	1	1	1	1
-6.25°	4	3	3	2	2	2	2	1	1	1	1
-7.5°	4	3	3	2	2	2	1	1	1	1	1
-8.75°	4	3	3	2	2	2	1	1	1	1	1
-10°	4	3	3	2	2	2	1	1	1	1	1
-11.25°	4	3	3	2	2	2	1	1	1	1	1
-12.5°	4	3	3	2	2	2	1	1	1	1	1
-13.75°	3	3	3	2	2	2	1	1	1	1	1
-15°	3	3	2	2	2	2	1	1	1	1	1
-16.25°	3	3	2	2	2	2	1	1	1	1	1
-17.5°	3	3	2	2	2	2	1	1	1	1	1
-18.75°	3	3	2	2	2	2	1	1	1	1	1
-20°	3	3	2	2	2	1	1	1	1	1	1
-21.25°	3	3	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	3	2	2	2	2	1	1	1	1	1	1
-23.75°	3	2	2	2	2	1	1	1	1	1	1
-25°	3	2	2	2	2	1	1	1	1	1	1
-26.25°	3	2	2	2	2	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	2	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	2	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	2	1	1	1	1	1	1	1	1	1
-40°	2	1	1	1	1	1	1	1	1	1	1
-41.25°	2	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	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	1	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	1	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	1	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	0	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	1	0	0	0	0	0	0	0	0
-63.75°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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°	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1	0	0	0	0	0	0	0	0	0
31.25°	1	1	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	1	0	0	0	0	0	0	0	0
20°	1	1	1	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	1	0	0	0	0	0	0	0	0
-21.25°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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	1	0	0	0	0	0	0	0	0	0
-32.5°	1	1	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°	1	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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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: P220567 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-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)