

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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

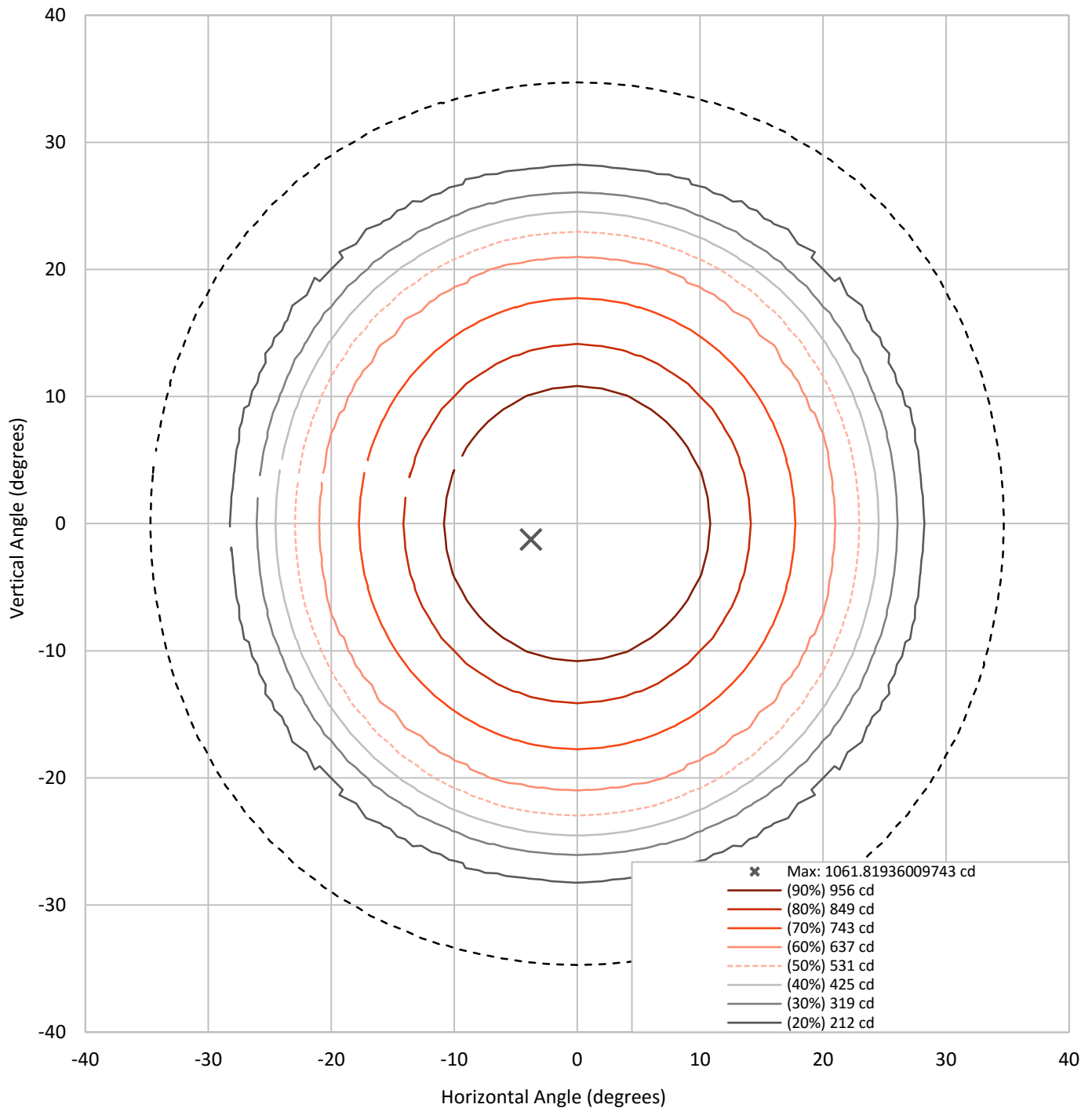
Test Method: LM-79-08
Report Number: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-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:	593.6 lumens	Max Intensity:	1061.8 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	60.6 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:	401.4 lumens	Field Lumens:	544 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

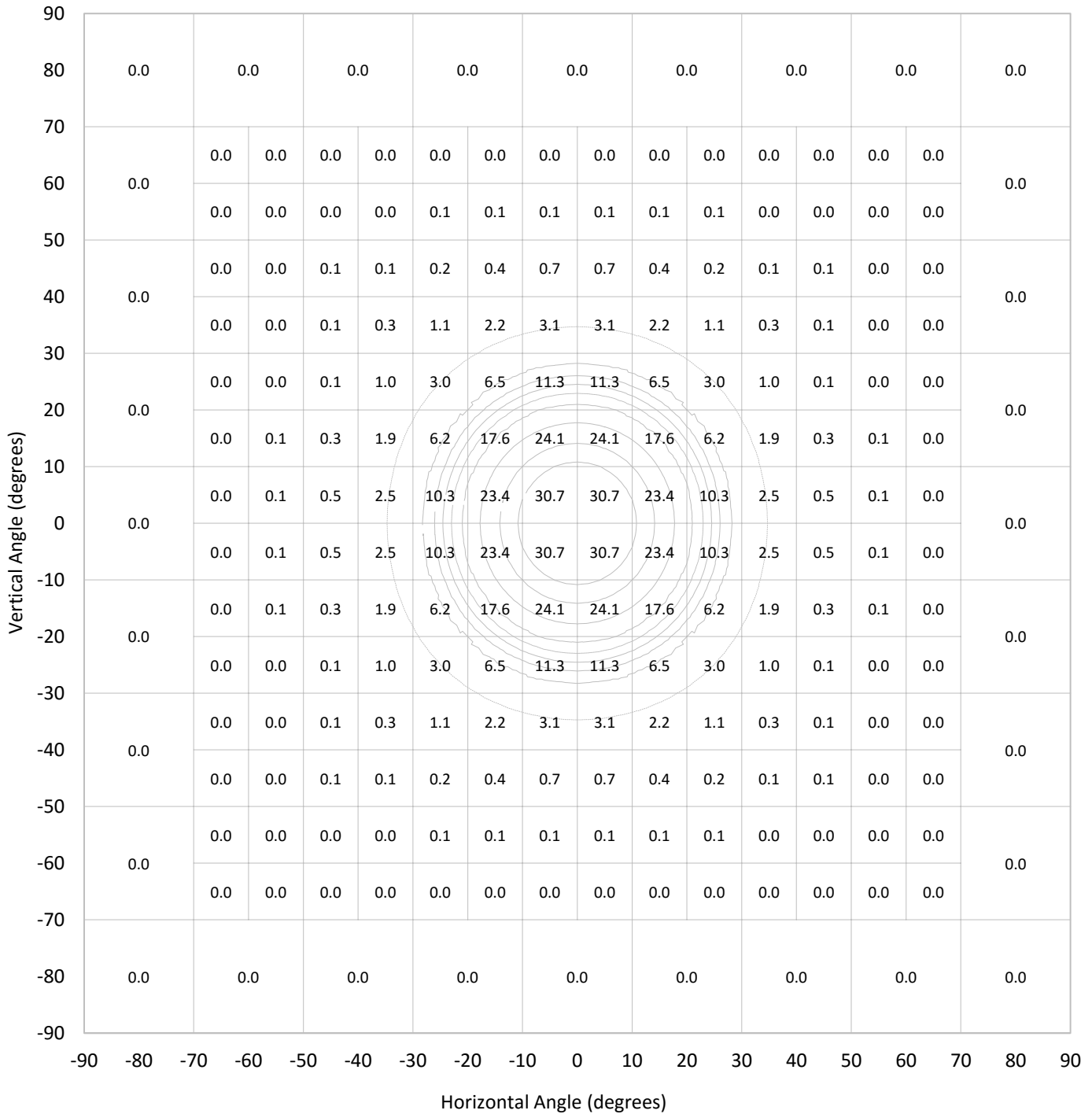
Iso-Candela Plot





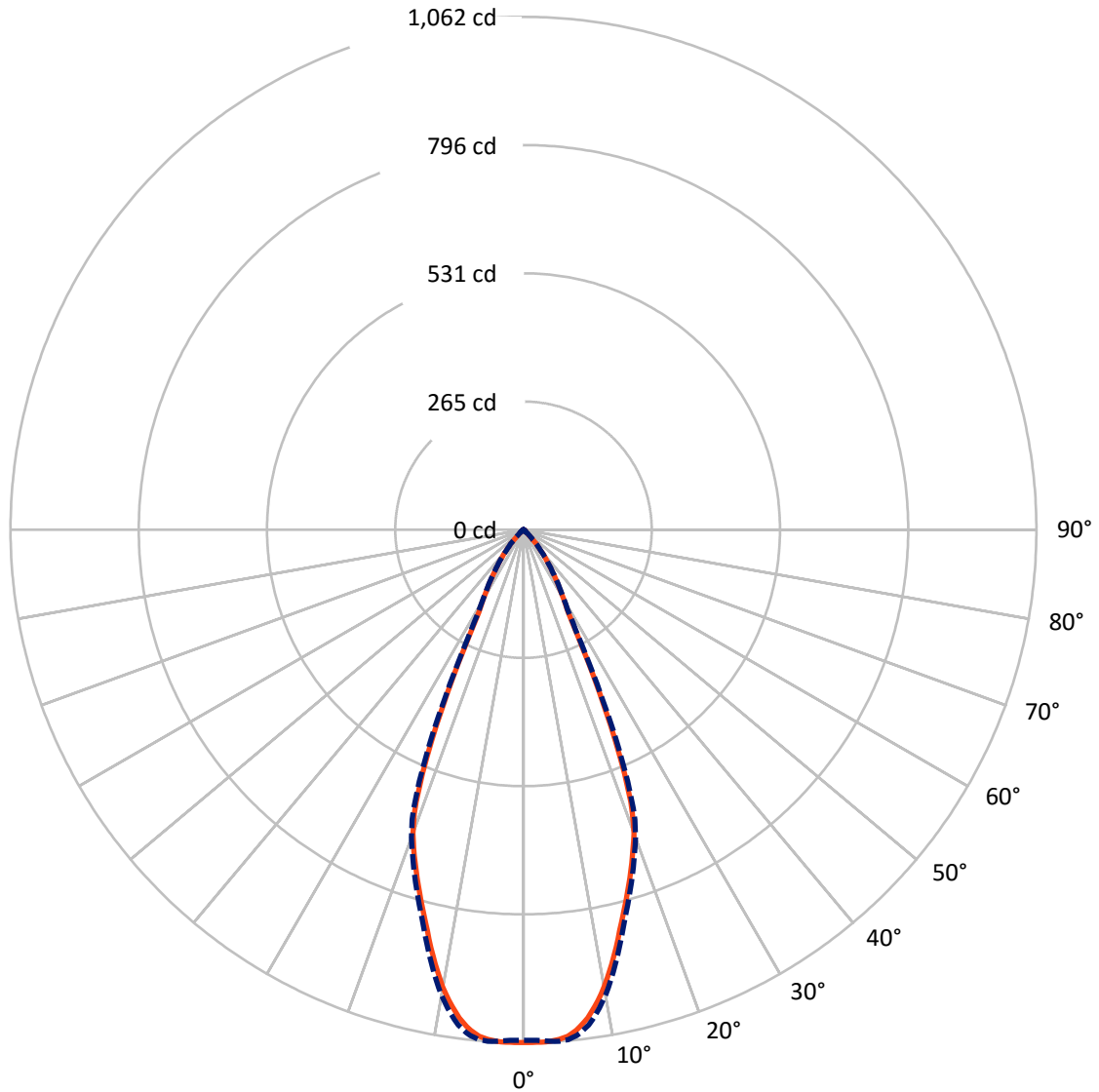
REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

Lumen Table



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

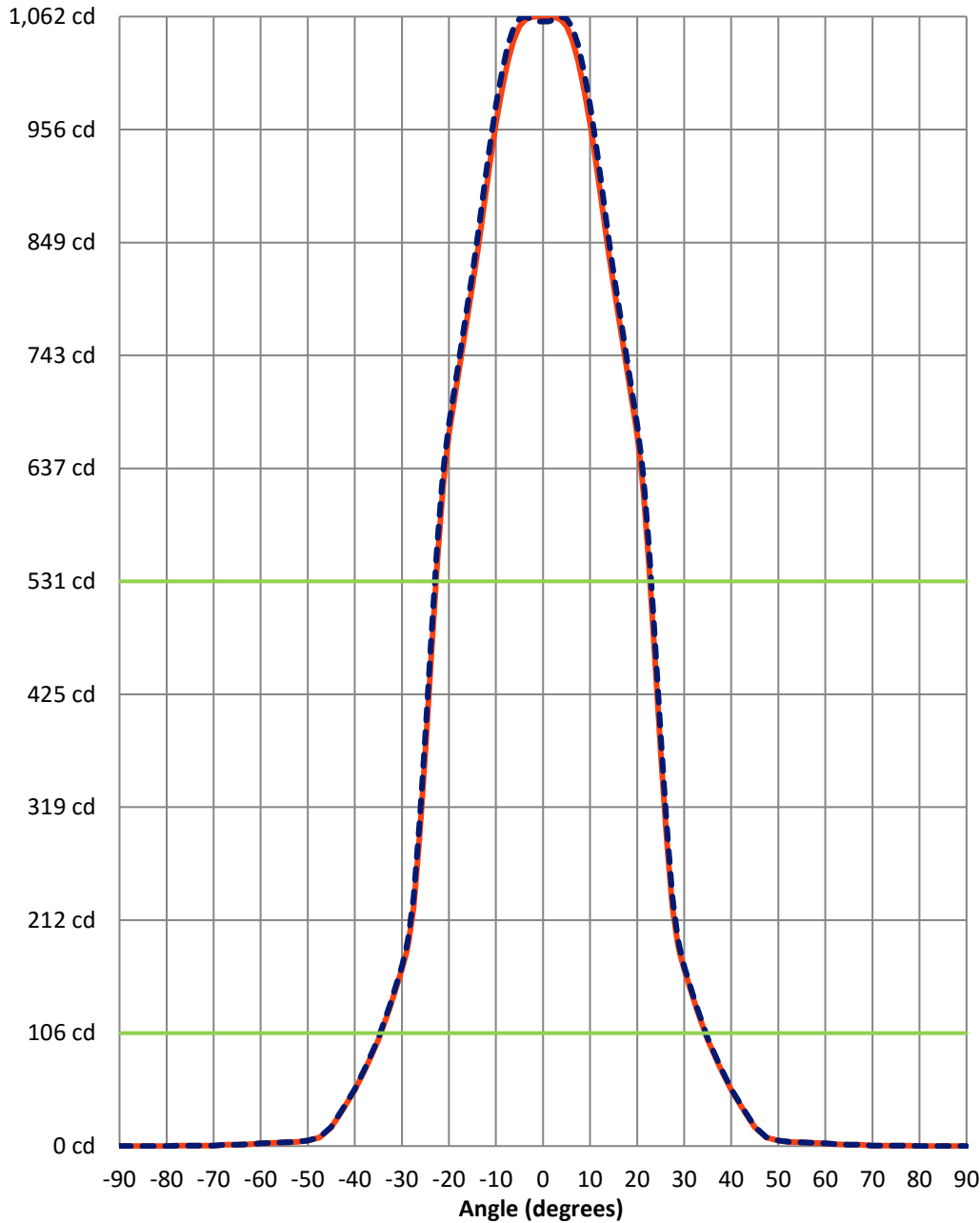
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 401.4
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 544
 Efficiency: 91.6%

Spill:
 Lumens: 49.6
 Efficiency: 8.4%

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	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	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	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	1
36.25°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	0	0	0	1	1	1	1
-23.75°	0	0	0	0	0	0	0	1	1	1	1
-25°	0	0	0	0	0	0	0	1	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	1	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	1	1	1	1	2	2	2	2	3	3	3
32.5°	1	1	1	1	2	2	2	3	3	3	3
31.25°	1	1	1	2	2	2	2	3	3	3	3
30°	1	1	1	2	2	2	3	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	2	2	2	2	3	3	3	3	3
26.25°	1	1	2	2	2	3	3	3	3	3	4
25°	1	1	2	2	2	3	3	3	3	3	4
23.75°	1	1	2	2	2	3	3	3	3	3	4
22.5°	1	2	2	2	3	3	3	3	3	4	4
21.25°	1	2	2	2	3	3	3	3	3	4	4
20°	1	2	2	2	3	3	3	3	3	4	4
18.75°	1	2	2	2	3	3	3	3	4	4	4
17.5°	1	2	2	2	3	3	3	3	4	4	4
16.25°	2	2	2	3	3	3	3	3	4	4	4
15°	2	2	2	3	3	3	3	3	4	4	4
13.75°	2	2	2	3	3	3	3	4	4	4	4
12.5°	2	2	2	3	3	3	3	4	4	4	5
11.25°	2	2	2	3	3	3	3	4	4	4	5
10°	2	2	2	3	3	3	3	4	4	4	5
8.75°	2	2	2	3	3	3	3	4	4	4	5
7.5°	2	2	2	3	3	3	3	4	4	4	5
6.25°	2	2	3	3	3	3	3	4	4	4	5
5°	2	2	3	3	3	3	3	4	4	4	5
3.75°	2	2	3	3	3	3	3	4	4	4	5
2.5°	2	2	3	3	3	3	3	4	4	5	5
1.25°	2	2	3	3	3	3	3	4	4	5	5
0°	2	2	3	3	3	3	4	4	4	5	5
-1.25°	2	2	3	3	3	3	3	4	4	5	5
-2.5°	2	2	3	3	3	3	3	4	4	5	5
-3.75°	2	2	3	3	3	3	3	4	4	4	5
-5°	2	2	3	3	3	3	3	4	4	4	5
-6.25°	2	2	3	3	3	3	3	4	4	4	5
-7.5°	2	2	2	3	3	3	3	4	4	4	5
-8.75°	2	2	2	3	3	3	3	4	4	4	5
-10°	2	2	2	3	3	3	3	4	4	4	5
-11.25°	2	2	2	3	3	3	3	4	4	4	5
-12.5°	2	2	2	3	3	3	3	4	4	4	5
-13.75°	2	2	2	3	3	3	3	4	4	4	4
-15°	2	2	2	3	3	3	3	3	4	4	4
-16.25°	2	2	2	3	3	3	3	3	4	4	4
-17.5°	1	2	2	2	3	3	3	3	4	4	4
-18.75°	1	2	2	2	3	3	3	3	4	4	4
-20°	1	2	2	2	3	3	3	3	3	4	4
-21.25°	1	2	2	2	3	3	3	3	3	4	4



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	1	2	2	2	3	3	3	3	3	4	4
-23.75°	1	1	2	2	2	3	3	3	3	3	4
-25°	1	1	2	2	2	3	3	3	3	3	4
-26.25°	1	1	2	2	2	3	3	3	3	3	4
-27.5°	1	1	2	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	2	2	2	2	3	3	3	3
-32.5°	1	1	1	1	2	2	2	3	3	3	3
-33.75°	1	1	1	1	2	2	2	2	3	3	3
-35°	1	1	1	1	1	2	2	2	3	3	3
-36.25°	1	1	1	1	1	2	2	2	2	3	3
-37.5°	1	1	1	1	1	1	2	2	2	3	3
-38.75°	1	1	1	1	1	1	2	2	2	2	3
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	1	1	1	1	1	1	1	2	2	2	2
-42.5°	0	1	1	1	1	1	1	1	2	2	2
-43.75°	0	1	1	1	1	1	1	1	1	2	2
-45°	0	0	1	1	1	1	1	1	1	2	2
-46.25°	0	0	0	1	1	1	1	1	1	1	2
-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	0	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	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	1
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	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	1	1
62.5°	0	0	0	0	0	0	1	1	1	1	1
61.25°	0	0	0	0	1	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
58.75°	0	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	2
55°	1	1	1	1	1	1	1	1	2	2	2
53.75°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	2	2	2	2	2	2	3	3
50°	1	1	2	2	2	2	2	2	3	3	3
48.75°	1	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	3	3	3	3	3	3
46.25°	2	2	2	2	3	3	3	3	3	3	3
45°	2	2	2	3	3	3	3	3	3	3	3
43.75°	2	2	3	3	3	3	3	3	3	3	4
42.5°	2	3	3	3	3	3	3	3	4	4	4
41.25°	2	3	3	3	3	3	3	4	4	4	4
40°	3	3	3	3	3	3	4	4	4	4	4
38.75°	3	3	3	3	3	4	4	4	4	4	5
37.5°	3	3	3	3	3	4	4	4	4	5	5
36.25°	3	3	3	3	4	4	4	4	5	5	6
35°	3	3	3	4	4	4	4	5	5	6	7



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	3	3	4	4	4	4	5	5	6	7	8
32.5°	3	3	4	4	4	4	5	5	7	8	10
31.25°	3	4	4	4	4	5	5	6	7	9	13
30°	3	4	4	4	5	5	6	7	8	12	15
28.75°	4	4	4	4	5	6	7	8	11	14	18
27.5°	4	4	4	5	5	6	7	9	13	17	23
26.25°	4	4	4	5	6	7	8	12	16	21	27
25°	4	4	5	5	6	8	10	14	18	25	32
23.75°	4	4	5	6	7	8	12	16	22	29	36
22.5°	4	4	5	6	7	10	14	19	26	33	40
21.25°	4	5	5	7	8	12	16	22	30	37	45
20°	4	5	6	7	9	14	18	25	33	41	48
18.75°	4	5	6	8	11	15	21	29	36	44	52
17.5°	5	5	7	8	12	17	24	32	40	48	56
16.25°	5	6	7	9	14	19	27	35	43	51	60
15°	5	6	7	11	15	21	29	37	46	54	64
13.75°	5	6	8	12	16	23	32	40	48	58	68
12.5°	5	7	8	13	18	25	34	42	51	61	71
11.25°	6	7	9	14	19	27	36	44	53	64	74
10°	6	7	10	15	21	29	38	46	55	66	77
8.75°	6	7	11	16	22	31	39	48	58	69	80
7.5°	6	8	11	16	23	32	41	50	60	71	82
6.25°	6	8	12	17	24	33	42	51	61	72	84
5°	6	8	12	17	25	34	43	52	63	74	86
3.75°	7	8	13	18	26	35	44	53	64	75	87
2.5°	7	8	13	18	27	35	44	53	64	76	88
1.25°	7	8	13	18	27	35	45	54	65	76	89
0°	7	8	13	18	27	36	45	54	65	76	89
-1.25°	7	8	13	18	27	35	45	54	65	76	89
-2.5°	7	8	13	18	27	35	44	53	64	76	88
-3.75°	7	8	13	18	26	35	44	53	64	75	87
-5°	6	8	12	17	25	34	43	52	63	74	86
-6.25°	6	8	12	17	24	33	42	51	61	72	84
-7.5°	6	8	11	16	23	32	41	50	60	71	82
-8.75°	6	7	11	16	22	31	39	48	58	69	80
-10°	6	7	10	15	21	29	38	46	55	66	77
-11.25°	6	7	9	14	19	27	36	44	53	64	74
-12.5°	5	7	8	13	18	25	34	42	51	61	71
-13.75°	5	6	8	12	16	23	32	40	48	58	68
-15°	5	6	7	11	15	21	29	37	46	54	64
-16.25°	5	6	7	9	14	19	27	35	43	51	60
-17.5°	5	5	7	8	12	17	24	32	40	48	56
-18.75°	4	5	6	8	11	15	21	29	36	44	52
-20°	4	5	6	7	9	14	18	25	33	41	48
-21.25°	4	5	5	7	8	12	16	22	30	37	45



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	5	6	7	10	14	19	26	33	40
-23.75°	4	4	5	6	7	8	12	16	22	29	36
-25°	4	4	5	5	6	8	10	14	18	25	32
-26.25°	4	4	4	5	6	7	8	12	16	21	27
-27.5°	4	4	4	5	5	6	7	9	13	17	23
-28.75°	4	4	4	4	5	6	7	8	11	14	18
-30°	3	4	4	4	5	5	6	7	8	12	15
-31.25°	3	4	4	4	4	5	5	6	7	9	13
-32.5°	3	3	4	4	4	4	5	5	7	8	10
-33.75°	3	3	4	4	4	4	5	5	6	7	8
-35°	3	3	3	4	4	4	4	5	5	6	7
-36.25°	3	3	3	3	4	4	4	4	5	5	6
-37.5°	3	3	3	3	3	4	4	4	4	5	5
-38.75°	3	3	3	3	3	4	4	4	4	4	5
-40°	3	3	3	3	3	3	4	4	4	4	4
-41.25°	2	3	3	3	3	3	3	4	4	4	4
-42.5°	2	3	3	3	3	3	3	3	4	4	4
-43.75°	2	2	3	3	3	3	3	3	3	3	4
-45°	2	2	2	3	3	3	3	3	3	3	3
-46.25°	2	2	2	2	3	3	3	3	3	3	3
-47.5°	2	2	2	2	2	3	3	3	3	3	3
-48.75°	1	2	2	2	2	2	2	3	3	3	3
-50°	1	1	2	2	2	2	2	2	3	3	3
-51.25°	1	1	1	2	2	2	2	2	2	3	3
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	2	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	1	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-61.25°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	0	1	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	1
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	1	1	1
66.25°	0	0	0	0	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	2
60°	1	1	1	1	1	1	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	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	4
50°	3	3	3	3	3	3	3	4	4	4	4
48.75°	3	3	3	3	3	4	4	4	4	4	4
47.5°	3	3	3	4	4	4	4	4	4	4	4
46.25°	3	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	4	4	5	5	5	6	6
43.75°	4	4	4	4	5	5	5	6	6	7	7
42.5°	4	4	4	5	5	6	6	7	8	8	10
41.25°	4	5	5	5	6	7	7	8	10	12	14
40°	5	5	5	6	7	8	9	12	14	16	19
38.75°	5	6	7	7	8	11	13	16	18	22	26
37.5°	6	7	8	9	12	14	17	21	25	29	33
36.25°	7	8	10	13	15	18	23	27	32	36	40
35°	8	10	13	16	19	24	29	34	39	43	48



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	10	13	16	20	26	31	36	41	46	51	56
32.5°	13	16	21	26	32	37	42	48	53	59	65
31.25°	16	20	26	32	38	43	49	54	61	67	73
30°	19	26	32	38	44	49	56	62	69	76	83
28.75°	24	31	37	43	49	56	63	70	78	85	92
27.5°	29	36	42	49	56	63	71	78	87	94	102
26.25°	34	41	48	54	62	70	78	87	95	104	114
25°	39	46	53	61	69	78	87	95	104	115	125
23.75°	43	51	59	67	76	85	94	104	115	126	137
22.5°	48	56	65	73	83	92	102	114	125	137	149
21.25°	52	61	70	80	90	100	111	123	135	148	161
20°	57	66	76	86	96	108	120	132	146	160	173
18.75°	62	71	81	92	103	116	129	142	157	171	187
17.5°	66	76	87	98	110	124	137	152	167	183	206
16.25°	71	81	92	104	117	131	146	161	177	199	235
15°	75	86	97	110	124	139	154	170	188	219	270
13.75°	79	90	102	116	130	146	162	179	204	248	309
12.5°	82	94	107	122	137	153	169	189	223	279	349
11.25°	86	98	112	127	143	159	177	202	246	312	388
10°	89	101	116	131	148	165	184	214	271	344	425
8.75°	92	105	120	136	153	170	192	232	296	374	458
7.5°	95	108	124	140	157	175	201	248	318	401	487
6.25°	97	111	127	143	161	180	208	263	340	425	512
5°	98	113	129	146	164	183	216	278	357	445	532
3.75°	100	115	131	148	166	187	225	290	371	461	547
2.5°	101	116	132	150	168	190	231	298	381	472	558
1.25°	101	117	133	151	169	192	234	303	387	478	564
0°	102	117	133	151	169	192	236	305	389	481	566
-1.25°	101	117	133	151	169	192	234	303	387	478	564
-2.5°	101	116	132	150	168	190	231	298	381	472	558
-3.75°	100	115	131	148	166	187	225	290	371	461	547
-5°	98	113	129	146	164	183	216	278	357	445	532
-6.25°	97	111	127	143	161	180	208	263	340	425	512
-7.5°	95	108	124	140	157	175	201	248	318	401	487
-8.75°	92	105	120	136	153	170	192	232	296	374	458
-10°	89	101	116	131	148	165	184	214	271	344	425
-11.25°	86	98	112	127	143	159	177	202	246	312	388
-12.5°	82	94	107	122	137	153	169	189	223	279	349
-13.75°	79	90	102	116	130	146	162	179	204	248	309
-15°	75	86	97	110	124	139	154	170	188	219	270
-16.25°	71	81	92	104	117	131	146	161	177	199	235
-17.5°	66	76	87	98	110	124	137	152	167	183	206
-18.75°	62	71	81	92	103	116	129	142	157	171	187
-20°	57	66	76	86	96	108	120	132	146	160	173
-21.25°	52	61	70	80	90	100	111	123	135	148	161



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	48	56	65	73	83	92	102	114	125	137	149
-23.75°	43	51	59	67	76	85	94	104	115	126	137
-25°	39	46	53	61	69	78	87	95	104	115	125
-26.25°	34	41	48	54	62	70	78	87	95	104	114
-27.5°	29	36	42	49	56	63	71	78	87	94	102
-28.75°	24	31	37	43	49	56	63	70	78	85	92
-30°	19	26	32	38	44	49	56	62	69	76	83
-31.25°	16	20	26	32	38	43	49	54	61	67	73
-32.5°	13	16	21	26	32	37	42	48	53	59	65
-33.75°	10	13	16	20	26	31	36	41	46	51	56
-35°	8	10	13	16	19	24	29	34	39	43	48
-36.25°	7	8	10	13	15	18	23	27	32	36	40
-37.5°	6	7	8	9	12	14	17	21	25	29	33
-38.75°	5	6	7	7	8	11	13	16	18	22	26
-40°	5	5	5	6	7	8	9	12	14	16	19
-41.25°	4	5	5	5	6	7	7	8	10	12	14
-42.5°	4	4	4	5	5	6	6	7	8	8	10
-43.75°	4	4	4	4	5	5	5	6	6	7	7
-45°	4	4	4	4	4	4	5	5	5	6	6
-46.25°	3	4	4	4	4	4	4	4	5	5	5
-47.5°	3	3	3	4	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	4	4	4	4	4	4
-50°	3	3	3	3	3	3	3	4	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	3	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	1	1	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	2
-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	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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	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	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	4	4	4	4	4
52.5°	3	3	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	5	5	5	5
48.75°	4	4	4	5	5	5	5	5	6	6	6
47.5°	5	5	5	5	6	6	6	7	7	7	7
46.25°	5	6	6	7	7	7	8	8	9	10	11
45°	7	7	8	8	9	11	12	13	14	15	16
43.75°	8	9	11	12	14	15	16	18	19	21	22
42.5°	12	14	15	17	19	21	23	25	27	29	31
41.25°	16	18	21	24	27	29	32	34	36	38	39
40°	22	25	29	32	35	37	40	42	44	46	48
38.75°	30	33	36	40	43	46	48	51	53	55	58
37.5°	37	41	44	48	51	54	58	61	64	66	69
36.25°	45	48	52	56	60	64	68	71	74	77	80
35°	52	57	62	66	71	75	79	82	86	89	92



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	61	66	71	76	81	86	90	94	98	101	105
32.5°	70	76	81	87	92	97	102	107	112	116	120
31.25°	80	86	92	98	104	110	116	122	127	131	136
30°	90	96	103	110	117	124	130	137	143	148	153
28.75°	100	108	116	124	131	139	146	153	159	165	170
27.5°	111	120	129	137	146	154	162	169	177	184	192
26.25°	123	132	142	152	161	170	179	189	202	214	232
25°	135	146	157	167	177	188	204	223	246	271	296
23.75°	148	160	171	183	199	219	248	279	312	344	374
22.5°	161	173	187	206	235	270	309	349	388	425	458
21.25°	174	190	211	246	288	334	380	426	468	506	540
20°	190	213	252	300	351	403	455	502	544	581	611
18.75°	211	252	303	360	417	474	526	572	611	640	660
17.5°	246	300	360	422	484	540	591	629	657	677	693
16.25°	288	351	417	484	545	600	640	667	689	707	725
15°	334	403	474	540	600	644	672	695	717	737	756
13.75°	380	455	526	591	640	672	698	722	745	766	787
12.5°	426	502	572	629	667	695	722	747	772	795	816
11.25°	468	544	611	657	689	717	745	772	798	822	846
10°	506	581	640	677	707	737	766	795	822	849	878
8.75°	540	611	660	693	725	756	787	816	846	878	909
7.5°	568	633	675	708	740	772	804	836	870	904	936
6.25°	592	651	687	721	754	788	820	854	892	928	960
5°	608	661	697	731	765	800	834	872	910	947	979
3.75°	620	669	705	740	774	809	845	886	925	961	993
2.5°	629	675	710	746	781	816	854	896	936	972	1003
1.25°	634	678	714	749	785	820	859	902	942	979	1009
0°	636	680	715	750	787	822	861	904	944	981	1011
-1.25°	634	678	714	749	785	820	859	902	942	979	1009
-2.5°	629	675	710	746	781	816	854	896	936	972	1003
-3.75°	620	669	705	740	774	809	845	886	925	961	993
-5°	608	661	697	731	765	800	834	872	910	947	979
-6.25°	592	651	687	721	754	788	820	854	892	928	960
-7.5°	568	633	675	708	740	772	804	836	870	904	936
-8.75°	540	611	660	693	725	756	787	816	846	878	909
-10°	506	581	640	677	707	737	766	795	822	849	878
-11.25°	468	544	611	657	689	717	745	772	798	822	846
-12.5°	426	502	572	629	667	695	722	747	772	795	816
-13.75°	380	455	526	591	640	672	698	722	745	766	787
-15°	334	403	474	540	600	644	672	695	717	737	756
-16.25°	288	351	417	484	545	600	640	667	689	707	725
-17.5°	246	300	360	422	484	540	591	629	657	677	693
-18.75°	211	252	303	360	417	474	526	572	611	640	660
-20°	190	213	252	300	351	403	455	502	544	581	611
-21.25°	174	190	211	246	288	334	380	426	468	506	540



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	161	173	187	206	235	270	309	349	388	425	458
-23.75°	148	160	171	183	199	219	248	279	312	344	374
-25°	135	146	157	167	177	188	204	223	246	271	296
-26.25°	123	132	142	152	161	170	179	189	202	214	232
-27.5°	111	120	129	137	146	154	162	169	177	184	192
-28.75°	100	108	116	124	131	139	146	153	159	165	170
-30°	90	96	103	110	117	124	130	137	143	148	153
-31.25°	80	86	92	98	104	110	116	122	127	131	136
-32.5°	70	76	81	87	92	97	102	107	112	116	120
-33.75°	61	66	71	76	81	86	90	94	98	101	105
-35°	52	57	62	66	71	75	79	82	86	89	92
-36.25°	45	48	52	56	60	64	68	71	74	77	80
-37.5°	37	41	44	48	51	54	58	61	64	66	69
-38.75°	30	33	36	40	43	46	48	51	53	55	58
-40°	22	25	29	32	35	37	40	42	44	46	48
-41.25°	16	18	21	24	27	29	32	34	36	38	39
-42.5°	12	14	15	17	19	21	23	25	27	29	31
-43.75°	8	9	11	12	14	15	16	18	19	21	22
-45°	7	7	8	8	9	11	12	13	14	15	16
-46.25°	5	6	6	7	7	7	8	8	9	10	11
-47.5°	5	5	5	5	6	6	6	7	7	7	7
-48.75°	4	4	4	5	5	5	5	5	6	6	6
-50°	4	4	4	4	4	4	4	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	4	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	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°	0	0	0	0	1	1	1	1	1	1	1
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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°	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	2	1	1	1	1
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	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	4	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	5	5	5	5	5	4	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	7	7	7	7	7	7	7	6
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	11	12	12	13	13	13	13	13	13	13	12
45°	16	17	17	18	18	18	18	18	18	18	17
43.75°	23	24	25	26	27	27	27	27	27	26	25
42.5°	32	33	34	35	35	35	36	35	35	35	34
41.25°	41	42	43	44	44	45	45	45	44	44	43
40°	50	51	52	53	53	54	54	54	53	53	52
38.75°	60	61	63	64	64	65	65	65	64	64	63
37.5°	71	72	74	75	76	76	76	76	76	75	74
36.25°	82	84	86	87	88	89	89	89	88	87	86
35°	95	97	98	100	101	101	102	101	101	100	98



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	108	111	113	115	116	117	117	117	116	115	113
32.5°	124	127	129	131	132	133	133	133	132	131	129
31.25°	140	143	146	148	150	151	151	151	150	148	146
30°	157	161	164	166	168	169	169	169	168	166	164
28.75°	175	180	183	187	190	192	192	192	190	187	183
27.5°	201	208	216	225	231	234	236	234	231	225	216
26.25°	248	263	278	290	298	303	305	303	298	290	278
25°	318	340	357	371	381	387	389	387	381	371	357
23.75°	401	425	445	461	472	478	481	478	472	461	445
22.5°	487	512	532	547	558	564	566	564	558	547	532
21.25°	568	592	608	620	629	634	636	634	629	620	608
20°	633	651	661	669	675	678	680	678	675	669	661
18.75°	675	687	697	705	710	714	715	714	710	705	697
17.5°	708	721	731	740	746	749	750	749	746	740	731
16.25°	740	754	765	774	781	785	787	785	781	774	765
15°	772	788	800	809	816	820	822	820	816	809	800
13.75°	804	820	834	845	854	859	861	859	854	845	834
12.5°	836	854	872	886	896	902	904	902	896	886	872
11.25°	870	892	910	925	936	942	944	942	936	925	910
10°	904	928	947	961	972	979	981	979	972	961	947
8.75°	936	960	979	993	1003	1009	1011	1009	1003	993	979
7.5°	964	987	1005	1019	1029	1034	1036	1034	1029	1019	1005
6.25°	987	1009	1028	1040	1048	1051	1053	1051	1048	1040	1028
5°	1005	1028	1043	1053	1058	1060	1061	1060	1058	1053	1043
3.75°	1019	1040	1053	1059	1061	1062	1061	1062	1061	1059	1053
2.5°	1029	1048	1058	1061	1061	1060	1059	1060	1061	1061	1058
1.25°	1034	1051	1060	1062	1060	1057	1057	1057	1060	1062	1060
0°	1036	1053	1061	1061	1059	1057	1060	1057	1059	1061	1061
-1.25°	1034	1051	1060	1062	1060	1057	1057	1057	1060	1062	1060
-2.5°	1029	1048	1058	1061	1061	1060	1059	1060	1061	1061	1058
-3.75°	1019	1040	1053	1059	1061	1062	1061	1062	1061	1059	1053
-5°	1005	1028	1043	1053	1058	1060	1061	1060	1058	1053	1043
-6.25°	987	1009	1028	1040	1048	1051	1053	1051	1048	1040	1028
-7.5°	964	987	1005	1019	1029	1034	1036	1034	1029	1019	1005
-8.75°	936	960	979	993	1003	1009	1011	1009	1003	993	979
-10°	904	928	947	961	972	979	981	979	972	961	947
-11.25°	870	892	910	925	936	942	944	942	936	925	910
-12.5°	836	854	872	886	896	902	904	902	896	886	872
-13.75°	804	820	834	845	854	859	861	859	854	845	834
-15°	772	788	800	809	816	820	822	820	816	809	800
-16.25°	740	754	765	774	781	785	787	785	781	774	765
-17.5°	708	721	731	740	746	749	750	749	746	740	731
-18.75°	675	687	697	705	710	714	715	714	710	705	697
-20°	633	651	661	669	675	678	680	678	675	669	661
-21.25°	568	592	608	620	629	634	636	634	629	620	608



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	487	512	532	547	558	564	566	564	558	547	532
-23.75°	401	425	445	461	472	478	481	478	472	461	445
-25°	318	340	357	371	381	387	389	387	381	371	357
-26.25°	248	263	278	290	298	303	305	303	298	290	278
-27.5°	201	208	216	225	231	234	236	234	231	225	216
-28.75°	175	180	183	187	190	192	192	192	190	187	183
-30°	157	161	164	166	168	169	169	169	168	166	164
-31.25°	140	143	146	148	150	151	151	151	150	148	146
-32.5°	124	127	129	131	132	133	133	133	132	131	129
-33.75°	108	111	113	115	116	117	117	117	116	115	113
-35°	95	97	98	100	101	101	102	101	101	100	98
-36.25°	82	84	86	87	88	89	89	89	88	87	86
-37.5°	71	72	74	75	76	76	76	76	76	75	74
-38.75°	60	61	63	64	64	65	65	65	64	64	63
-40°	50	51	52	53	53	54	54	54	53	53	52
-41.25°	41	42	43	44	44	45	45	45	44	44	43
-42.5°	32	33	34	35	35	35	36	35	35	35	34
-43.75°	23	24	25	26	27	27	27	27	27	26	25
-45°	16	17	17	18	18	18	18	18	18	18	17
-46.25°	11	12	12	13	13	13	13	13	13	13	12
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	6	6	6	7	7	7	7	7	7	7	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	5	5	5	5	5	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	4	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	3	3	3	3	3	3	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	1	1	1	1	1	2	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°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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°	1	1	1	1	1	1	1	1	1	0	0
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°	2	2	2	2	2	2	2	2	2	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	4	4	4	4	4
48.75°	6	6	6	6	6	5	5	5	5	5	4
47.5°	8	8	7	7	7	7	6	6	6	5	5
46.25°	12	11	11	10	9	8	8	7	7	7	6
45°	17	16	16	15	14	13	12	11	9	8	8
43.75°	24	23	22	21	19	18	16	15	14	12	11
42.5°	33	32	31	29	27	25	23	21	19	17	15
41.25°	42	41	39	38	36	34	32	29	27	24	21
40°	51	50	48	46	44	42	40	37	35	32	29
38.75°	61	60	58	55	53	51	48	46	43	40	36
37.5°	72	71	69	66	64	61	58	54	51	48	44
36.25°	84	82	80	77	74	71	68	64	60	56	52
35°	97	95	92	89	86	82	79	75	71	66	62



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	111	108	105	101	98	94	90	86	81	76	71
32.5°	127	124	120	116	112	107	102	97	92	87	81
31.25°	143	140	136	131	127	122	116	110	104	98	92
30°	161	157	153	148	143	137	130	124	117	110	103
28.75°	180	175	170	165	159	153	146	139	131	124	116
27.5°	208	201	192	184	177	169	162	154	146	137	129
26.25°	263	248	232	214	202	189	179	170	161	152	142
25°	340	318	296	271	246	223	204	188	177	167	157
23.75°	425	401	374	344	312	279	248	219	199	183	171
22.5°	512	487	458	425	388	349	309	270	235	206	187
21.25°	592	568	540	506	468	426	380	334	288	246	211
20°	651	633	611	581	544	502	455	403	351	300	252
18.75°	687	675	660	640	611	572	526	474	417	360	303
17.5°	721	708	693	677	657	629	591	540	484	422	360
16.25°	754	740	725	707	689	667	640	600	545	484	417
15°	788	772	756	737	717	695	672	644	600	540	474
13.75°	820	804	787	766	745	722	698	672	640	591	526
12.5°	854	836	816	795	772	747	722	695	667	629	572
11.25°	892	870	846	822	798	772	745	717	689	657	611
10°	928	904	878	849	822	795	766	737	707	677	640
8.75°	960	936	909	878	846	816	787	756	725	693	660
7.5°	987	964	936	904	870	836	804	772	740	708	675
6.25°	1009	987	960	928	892	854	820	788	754	721	687
5°	1028	1005	979	947	910	872	834	800	765	731	697
3.75°	1040	1019	993	961	925	886	845	809	774	740	705
2.5°	1048	1029	1003	972	936	896	854	816	781	746	710
1.25°	1051	1034	1009	979	942	902	859	820	785	749	714
0°	1053	1036	1011	981	944	904	861	822	787	750	715
-1.25°	1051	1034	1009	979	942	902	859	820	785	749	714
-2.5°	1048	1029	1003	972	936	896	854	816	781	746	710
-3.75°	1040	1019	993	961	925	886	845	809	774	740	705
-5°	1028	1005	979	947	910	872	834	800	765	731	697
-6.25°	1009	987	960	928	892	854	820	788	754	721	687
-7.5°	987	964	936	904	870	836	804	772	740	708	675
-8.75°	960	936	909	878	846	816	787	756	725	693	660
-10°	928	904	878	849	822	795	766	737	707	677	640
-11.25°	892	870	846	822	798	772	745	717	689	657	611
-12.5°	854	836	816	795	772	747	722	695	667	629	572
-13.75°	820	804	787	766	745	722	698	672	640	591	526
-15°	788	772	756	737	717	695	672	644	600	540	474
-16.25°	754	740	725	707	689	667	640	600	545	484	417
-17.5°	721	708	693	677	657	629	591	540	484	422	360
-18.75°	687	675	660	640	611	572	526	474	417	360	303
-20°	651	633	611	581	544	502	455	403	351	300	252
-21.25°	592	568	540	506	468	426	380	334	288	246	211



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	512	487	458	425	388	349	309	270	235	206	187
-23.75°	425	401	374	344	312	279	248	219	199	183	171
-25°	340	318	296	271	246	223	204	188	177	167	157
-26.25°	263	248	232	214	202	189	179	170	161	152	142
-27.5°	208	201	192	184	177	169	162	154	146	137	129
-28.75°	180	175	170	165	159	153	146	139	131	124	116
-30°	161	157	153	148	143	137	130	124	117	110	103
-31.25°	143	140	136	131	127	122	116	110	104	98	92
-32.5°	127	124	120	116	112	107	102	97	92	87	81
-33.75°	111	108	105	101	98	94	90	86	81	76	71
-35°	97	95	92	89	86	82	79	75	71	66	62
-36.25°	84	82	80	77	74	71	68	64	60	56	52
-37.5°	72	71	69	66	64	61	58	54	51	48	44
-38.75°	61	60	58	55	53	51	48	46	43	40	36
-40°	51	50	48	46	44	42	40	37	35	32	29
-41.25°	42	41	39	38	36	34	32	29	27	24	21
-42.5°	33	32	31	29	27	25	23	21	19	17	15
-43.75°	24	23	22	21	19	18	16	15	14	12	11
-45°	17	16	16	15	14	13	12	11	9	8	8
-46.25°	12	11	11	10	9	8	8	7	7	7	6
-47.5°	8	8	7	7	7	7	6	6	6	5	5
-48.75°	6	6	6	6	6	5	5	5	5	5	4
-50°	5	5	5	5	5	5	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	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°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	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°	2	2	2	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	1	1	1	1
58.75°	2	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	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	4	3	3	3
47.5°	5	5	4	4	4	4	4	4	4	4	3
46.25°	6	5	5	5	5	4	4	4	4	4	4
45°	7	7	6	6	5	5	5	4	4	4	4
43.75°	9	8	7	7	6	6	5	5	5	4	4
42.5°	14	12	10	8	8	7	6	6	5	5	4
41.25°	18	16	14	12	10	8	7	7	6	5	5
40°	25	22	19	16	14	12	9	8	7	6	5
38.75°	33	30	26	22	18	16	13	11	8	7	7
37.5°	41	37	33	29	25	21	17	14	12	9	8
36.25°	48	45	40	36	32	27	23	18	15	13	10
35°	57	52	48	43	39	34	29	24	19	16	13



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	66	61	56	51	46	41	36	31	26	20	16
32.5°	76	70	65	59	53	48	42	37	32	26	21
31.25°	86	80	73	67	61	54	49	43	38	32	26
30°	96	90	83	76	69	62	56	49	44	38	32
28.75°	108	100	92	85	78	70	63	56	49	43	37
27.5°	120	111	102	94	87	78	71	63	56	49	42
26.25°	132	123	114	104	95	87	78	70	62	54	48
25°	146	135	125	115	104	95	87	78	69	61	53
23.75°	160	148	137	126	115	104	94	85	76	67	59
22.5°	173	161	149	137	125	114	102	92	83	73	65
21.25°	190	174	161	148	135	123	111	100	90	80	70
20°	213	190	173	160	146	132	120	108	96	86	76
18.75°	252	211	187	171	157	142	129	116	103	92	81
17.5°	300	246	206	183	167	152	137	124	110	98	87
16.25°	351	288	235	199	177	161	146	131	117	104	92
15°	403	334	270	219	188	170	154	139	124	110	97
13.75°	455	380	309	248	204	179	162	146	130	116	102
12.5°	502	426	349	279	223	189	169	153	137	122	107
11.25°	544	468	388	312	246	202	177	159	143	127	112
10°	581	506	425	344	271	214	184	165	148	131	116
8.75°	611	540	458	374	296	232	192	170	153	136	120
7.5°	633	568	487	401	318	248	201	175	157	140	124
6.25°	651	592	512	425	340	263	208	180	161	143	127
5°	661	608	532	445	357	278	216	183	164	146	129
3.75°	669	620	547	461	371	290	225	187	166	148	131
2.5°	675	629	558	472	381	298	231	190	168	150	132
1.25°	678	634	564	478	387	303	234	192	169	151	133
0°	680	636	566	481	389	305	236	192	169	151	133
-1.25°	678	634	564	478	387	303	234	192	169	151	133
-2.5°	675	629	558	472	381	298	231	190	168	150	132
-3.75°	669	620	547	461	371	290	225	187	166	148	131
-5°	661	608	532	445	357	278	216	183	164	146	129
-6.25°	651	592	512	425	340	263	208	180	161	143	127
-7.5°	633	568	487	401	318	248	201	175	157	140	124
-8.75°	611	540	458	374	296	232	192	170	153	136	120
-10°	581	506	425	344	271	214	184	165	148	131	116
-11.25°	544	468	388	312	246	202	177	159	143	127	112
-12.5°	502	426	349	279	223	189	169	153	137	122	107
-13.75°	455	380	309	248	204	179	162	146	130	116	102
-15°	403	334	270	219	188	170	154	139	124	110	97
-16.25°	351	288	235	199	177	161	146	131	117	104	92
-17.5°	300	246	206	183	167	152	137	124	110	98	87
-18.75°	252	211	187	171	157	142	129	116	103	92	81
-20°	213	190	173	160	146	132	120	108	96	86	76
-21.25°	190	174	161	148	135	123	111	100	90	80	70



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	173	161	149	137	125	114	102	92	83	73	65
-23.75°	160	148	137	126	115	104	94	85	76	67	59
-25°	146	135	125	115	104	95	87	78	69	61	53
-26.25°	132	123	114	104	95	87	78	70	62	54	48
-27.5°	120	111	102	94	87	78	71	63	56	49	42
-28.75°	108	100	92	85	78	70	63	56	49	43	37
-30°	96	90	83	76	69	62	56	49	44	38	32
-31.25°	86	80	73	67	61	54	49	43	38	32	26
-32.5°	76	70	65	59	53	48	42	37	32	26	21
-33.75°	66	61	56	51	46	41	36	31	26	20	16
-35°	57	52	48	43	39	34	29	24	19	16	13
-36.25°	48	45	40	36	32	27	23	18	15	13	10
-37.5°	41	37	33	29	25	21	17	14	12	9	8
-38.75°	33	30	26	22	18	16	13	11	8	7	7
-40°	25	22	19	16	14	12	9	8	7	6	5
-41.25°	18	16	14	12	10	8	7	7	6	5	5
-42.5°	14	12	10	8	8	7	6	6	5	5	4
-43.75°	9	8	7	7	6	6	5	5	5	4	4
-45°	7	7	6	6	5	5	5	4	4	4	4
-46.25°	6	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	4	4	4	4	4	4	4	4	3
-48.75°	4	4	4	4	4	4	4	4	3	3	3
-50°	4	4	4	4	4	4	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	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	1	1	1	1
-61.25°	2	2	2	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	0	0
-67.5°	1	1	1	1	1	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	0	0	0	0
61.25°	1	1	1	1	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
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	2	1	1	1	1	1	1	1	1
55°	2	2	2	2	2	1	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	3	3	2	2	2	2	2	2	1	1	1
51.25°	3	3	3	3	2	2	2	2	2	2	1
50°	3	3	3	3	3	2	2	2	2	2	2
48.75°	3	3	3	3	3	3	2	2	2	2	2
47.5°	3	3	3	3	3	3	3	3	2	2	2
46.25°	4	3	3	3	3	3	3	3	3	2	2
45°	4	4	3	3	3	3	3	3	3	3	2
43.75°	4	4	4	3	3	3	3	3	3	3	3
42.5°	4	4	4	4	4	3	3	3	3	3	3
41.25°	5	4	4	4	4	4	3	3	3	3	3
40°	5	5	4	4	4	4	4	3	3	3	3
38.75°	6	5	5	4	4	4	4	4	3	3	3
37.5°	7	6	5	5	4	4	4	4	3	3	3
36.25°	8	7	6	5	5	4	4	4	4	3	3
35°	10	8	7	6	5	5	4	4	4	4	3



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	13	10	8	7	6	5	5	4	4	4	4
32.5°	16	13	10	8	7	5	5	4	4	4	4
31.25°	20	16	13	9	7	6	5	5	4	4	4
30°	26	19	15	12	8	7	6	5	5	4	4
28.75°	31	24	18	14	11	8	7	6	5	4	4
27.5°	36	29	23	17	13	9	7	6	5	5	4
26.25°	41	34	27	21	16	12	8	7	6	5	4
25°	46	39	32	25	18	14	10	8	6	5	5
23.75°	51	43	36	29	22	16	12	8	7	6	5
22.5°	56	48	40	33	26	19	14	10	7	6	5
21.25°	61	52	45	37	30	22	16	12	8	7	5
20°	66	57	48	41	33	25	18	14	9	7	6
18.75°	71	62	52	44	36	29	21	15	11	8	6
17.5°	76	66	56	48	40	32	24	17	12	8	7
16.25°	81	71	60	51	43	35	27	19	14	9	7
15°	86	75	64	54	46	37	29	21	15	11	7
13.75°	90	79	68	58	48	40	32	23	16	12	8
12.5°	94	82	71	61	51	42	34	25	18	13	8
11.25°	98	86	74	64	53	44	36	27	19	14	9
10°	101	89	77	66	55	46	38	29	21	15	10
8.75°	105	92	80	69	58	48	39	31	22	16	11
7.5°	108	95	82	71	60	50	41	32	23	16	11
6.25°	111	97	84	72	61	51	42	33	24	17	12
5°	113	98	86	74	63	52	43	34	25	17	12
3.75°	115	100	87	75	64	53	44	35	26	18	13
2.5°	116	101	88	76	64	53	44	35	27	18	13
1.25°	117	101	89	76	65	54	45	35	27	18	13
0°	117	102	89	76	65	54	45	36	27	18	13
-1.25°	117	101	89	76	65	54	45	35	27	18	13
-2.5°	116	101	88	76	64	53	44	35	27	18	13
-3.75°	115	100	87	75	64	53	44	35	26	18	13
-5°	113	98	86	74	63	52	43	34	25	17	12
-6.25°	111	97	84	72	61	51	42	33	24	17	12
-7.5°	108	95	82	71	60	50	41	32	23	16	11
-8.75°	105	92	80	69	58	48	39	31	22	16	11
-10°	101	89	77	66	55	46	38	29	21	15	10
-11.25°	98	86	74	64	53	44	36	27	19	14	9
-12.5°	94	82	71	61	51	42	34	25	18	13	8
-13.75°	90	79	68	58	48	40	32	23	16	12	8
-15°	86	75	64	54	46	37	29	21	15	11	7
-16.25°	81	71	60	51	43	35	27	19	14	9	7
-17.5°	76	66	56	48	40	32	24	17	12	8	7
-18.75°	71	62	52	44	36	29	21	15	11	8	6
-20°	66	57	48	41	33	25	18	14	9	7	6
-21.25°	61	52	45	37	30	22	16	12	8	7	5



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	56	48	40	33	26	19	14	10	7	6	5
-23.75°	51	43	36	29	22	16	12	8	7	6	5
-25°	46	39	32	25	18	14	10	8	6	5	5
-26.25°	41	34	27	21	16	12	8	7	6	5	4
-27.5°	36	29	23	17	13	9	7	6	5	5	4
-28.75°	31	24	18	14	11	8	7	6	5	4	4
-30°	26	19	15	12	8	7	6	5	5	4	4
-31.25°	20	16	13	9	7	6	5	5	4	4	4
-32.5°	16	13	10	8	7	5	5	4	4	4	4
-33.75°	13	10	8	7	6	5	5	4	4	4	4
-35°	10	8	7	6	5	5	4	4	4	4	3
-36.25°	8	7	6	5	5	4	4	4	4	3	3
-37.5°	7	6	5	5	4	4	4	4	3	3	3
-38.75°	6	5	5	4	4	4	4	4	3	3	3
-40°	5	5	4	4	4	4	4	3	3	3	3
-41.25°	5	4	4	4	4	4	3	3	3	3	3
-42.5°	4	4	4	4	4	3	3	3	3	3	3
-43.75°	4	4	4	3	3	3	3	3	3	3	3
-45°	4	4	3	3	3	3	3	3	3	3	2
-46.25°	4	3	3	3	3	3	3	3	3	2	2
-47.5°	3	3	3	3	3	3	3	3	2	2	2
-48.75°	3	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	3	2	2	2	2	2	2	1
-52.5°	3	3	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-56.25°	2	2	2	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	0
-61.25°	1	1	1	1	1	1	1	1	1	0	0
-62.5°	1	1	1	1	1	1	1	0	0	0	0
-63.75°	1	1	1	1	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	3	3	3	3	3	2	2	2	2	1	1
32.5°	3	3	3	3	3	3	2	2	2	1	1
31.25°	4	3	3	3	3	3	2	2	2	2	1
30°	4	3	3	3	3	3	3	2	2	2	1
28.75°	4	4	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	4	3	3	3	3	3	2	2	2
25°	4	4	4	3	3	3	3	3	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	4	3	3	3	3	3	2	2
21.25°	5	4	4	4	3	3	3	3	3	2	2
20°	5	4	4	4	3	3	3	3	3	2	2
18.75°	5	4	4	4	4	3	3	3	3	2	2
17.5°	5	5	4	4	4	3	3	3	3	2	2
16.25°	6	5	4	4	4	3	3	3	3	3	2
15°	6	5	4	4	4	3	3	3	3	3	2
13.75°	6	5	4	4	4	4	3	3	3	3	2
12.5°	7	5	5	4	4	4	3	3	3	3	2
11.25°	7	6	5	4	4	4	3	3	3	3	2
10°	7	6	5	4	4	4	3	3	3	3	2
8.75°	7	6	5	4	4	4	3	3	3	3	2
7.5°	8	6	5	4	4	4	3	3	3	3	2
6.25°	8	6	5	4	4	4	3	3	3	3	3
5°	8	6	5	4	4	4	3	3	3	3	3
3.75°	8	7	5	4	4	4	3	3	3	3	3
2.5°	8	7	5	5	4	4	3	3	3	3	3
1.25°	8	7	5	5	4	4	3	3	3	3	3
0°	8	7	5	5	4	4	4	3	3	3	3
-1.25°	8	7	5	5	4	4	4	3	3	3	3
-2.5°	8	7	5	5	4	4	3	3	3	3	3
-3.75°	8	7	5	4	4	4	3	3	3	3	3
-5°	8	6	5	4	4	4	3	3	3	3	3
-6.25°	8	6	5	4	4	4	3	3	3	3	3
-7.5°	8	6	5	4	4	4	3	3	3	3	2
-8.75°	7	6	5	4	4	4	3	3	3	3	2
-10°	7	6	5	4	4	4	3	3	3	3	2
-11.25°	7	6	5	4	4	4	3	3	3	3	2
-12.5°	7	5	5	4	4	4	3	3	3	3	2
-13.75°	6	5	4	4	4	4	3	3	3	3	2
-15°	6	5	4	4	4	3	3	3	3	3	2
-16.25°	6	5	4	4	4	3	3	3	3	3	2
-17.5°	5	5	4	4	4	3	3	3	3	2	2
-18.75°	5	4	4	4	4	3	3	3	3	2	2
-20°	5	4	4	4	3	3	3	3	3	2	2
-21.25°	5	4	4	4	3	3	3	3	3	2	2



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	4	3	3	3	3	3	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	4	3	3	3	3	3	2	2	2
-26.25°	4	4	4	3	3	3	3	3	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	4	3	3	3	3	3	2	2	2	1
-30°	4	3	3	3	3	3	3	2	2	2	1
-31.25°	4	3	3	3	3	3	2	2	2	2	1
-32.5°	3	3	3	3	3	3	2	2	2	1	1
-33.75°	3	3	3	3	3	2	2	2	2	1	1
-35°	3	3	3	3	3	2	2	2	1	1	1
-36.25°	3	3	3	3	2	2	2	2	1	1	1
-37.5°	3	3	3	3	2	2	2	1	1	1	1
-38.75°	3	3	3	2	2	2	2	1	1	1	1
-40°	3	3	2	2	2	2	1	1	1	1	1
-41.25°	3	2	2	2	2	2	1	1	1	1	1
-42.5°	3	2	2	2	2	1	1	1	1	1	1
-43.75°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	2	1	1	1	1	1	1	1
-46.25°	2	2	2	1	1	1	1	1	1	1	0
-47.5°	2	2	1	1	1	1	1	1	1	1	0
-48.75°	2	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0	0	0	0	0
-58.75°	1	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	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°	1	0	0	0	0	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0	0	0	0	0
41.25°	1	1	0	0	0	0	0	0	0	0	0
40°	1	1	0	0	0	0	0	0	0	0	0
38.75°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	1	0	0	0	0	0	0	0	0
36.25°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	2	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	1	0	0	0	0	0
-25°	1	1	1	1	1	1	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	1	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	1	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-41.25°	1	1	0	0	0	0	0	0	0	0	0
-42.5°	1	0	0	0	0	0	0	0	0	0	0
-43.75°	1	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220559 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)