

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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29417)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

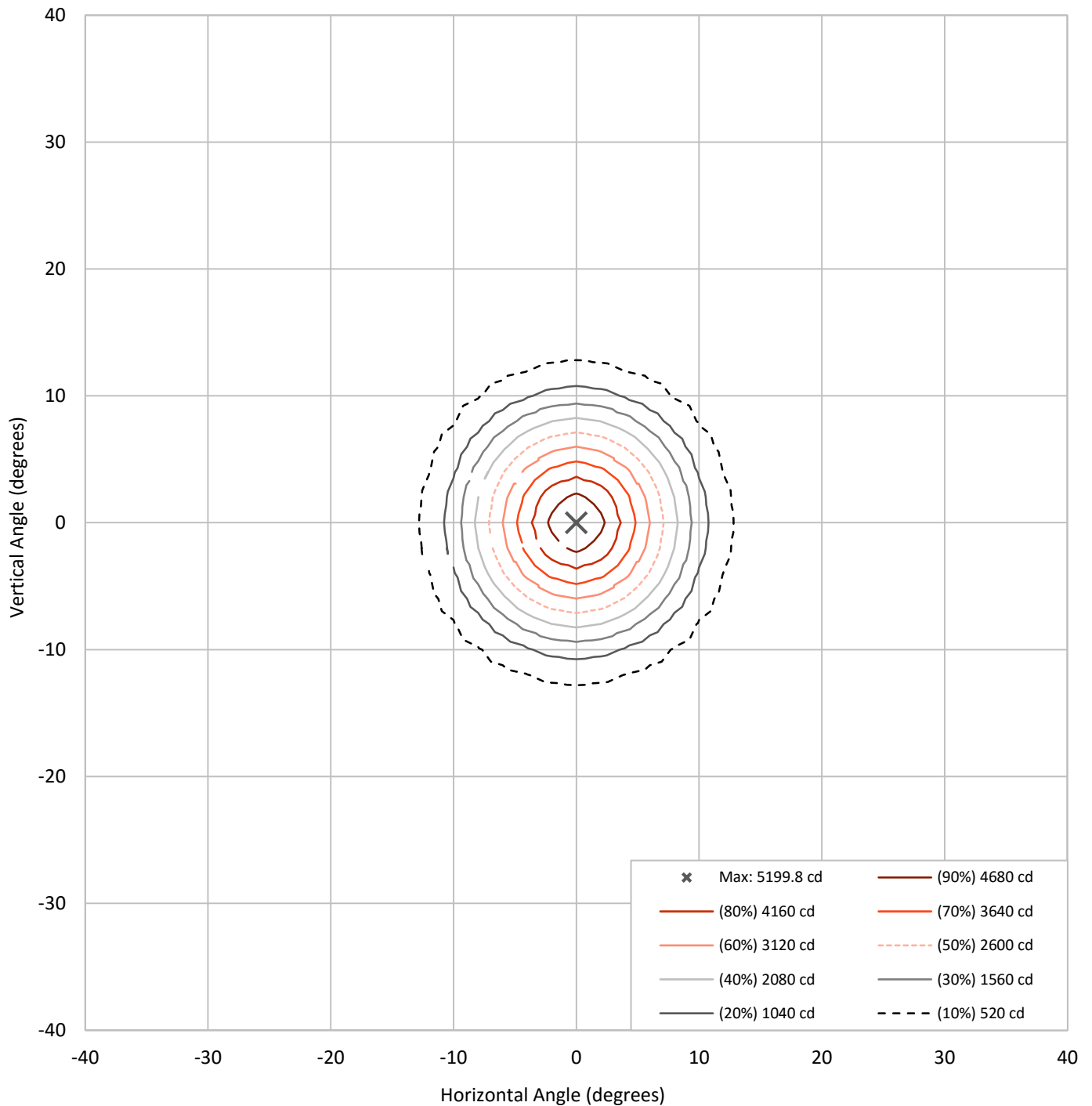
Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	412 lumens	Max Intensity:	5199.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	41.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.3°H x 14.3°V	Field Angle (10%):	25.1°H x 25.1°V
Beam Lumens:	168.3 lumens	Field Lumens:	311 lumens
Beam Efficiency:	40.8%	Field Efficiency:	75.5%
Input Watts (W):	10		
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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

Iso-Candela Plot



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

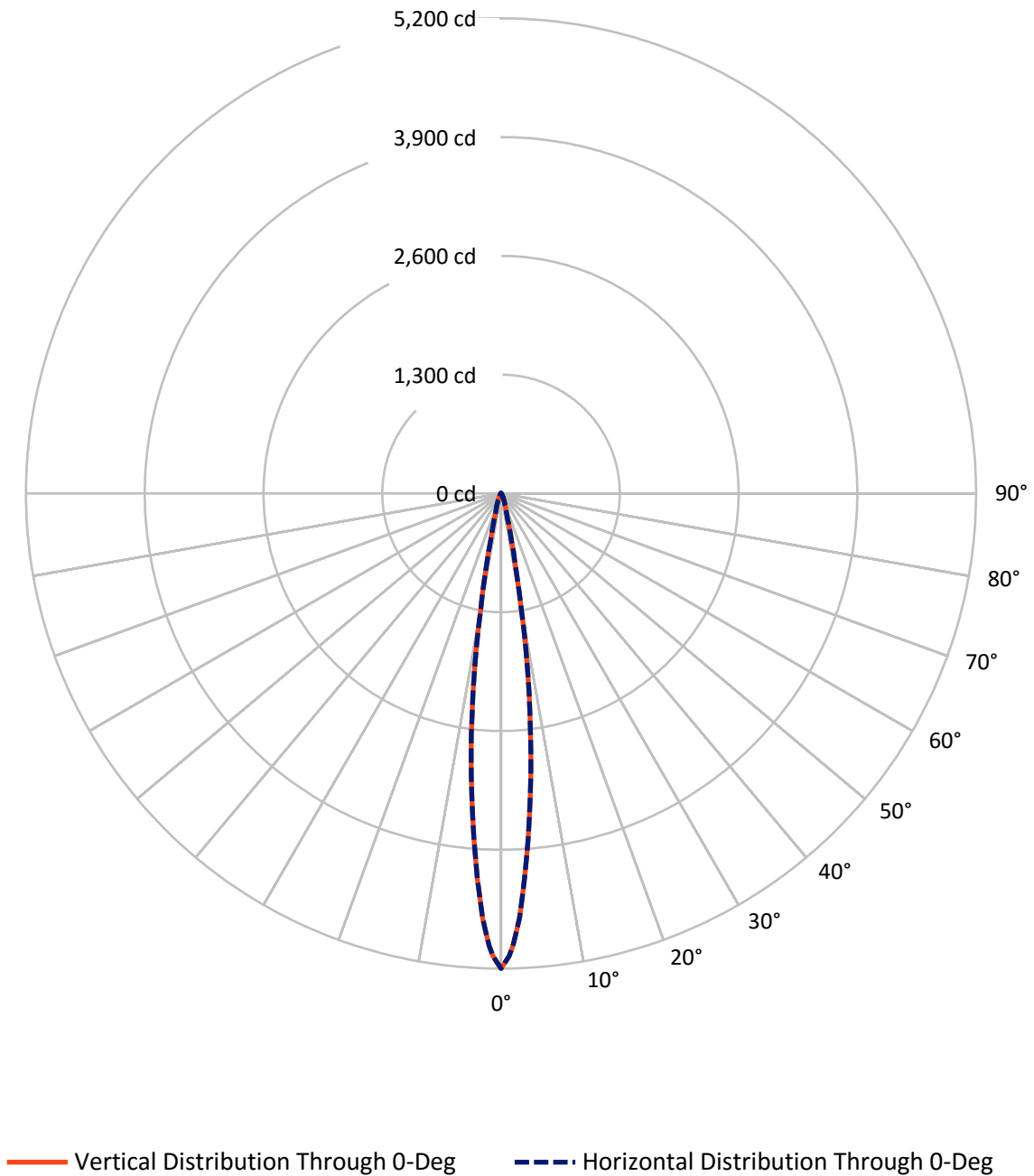
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0			
40		0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1				
30	0.0	0.0	0.1	0.1	0.2	0.3	0.9	1.7	1.7	0.9	0.3	0.2	0.1	0.1	0.0			
20		0.0	0.1	0.1	0.2	0.9	3.3	9.1	9.1	3.3	0.9	0.2	0.1	0.1				
10	0.0	0.0	0.1	0.1	0.3	1.6	8.8	72.1	72.1	8.8	1.6	0.3	0.1	0.1	0.0			
0		0.0	0.1	0.1	0.3	1.6	8.8	72.1	72.1	8.8	1.6	0.3	0.1	0.1				
-10	0.0	0.0	0.1	0.1	0.2	0.9	3.3	9.1	9.1	3.3	0.9	0.2	0.1	0.1	0.0			
-20		0.0	0.1	0.1	0.2	0.3	0.9	1.7	1.7	0.9	0.3	0.2	0.1	0.1				
-30	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.0			
-40		0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
-70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			
-80		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0									

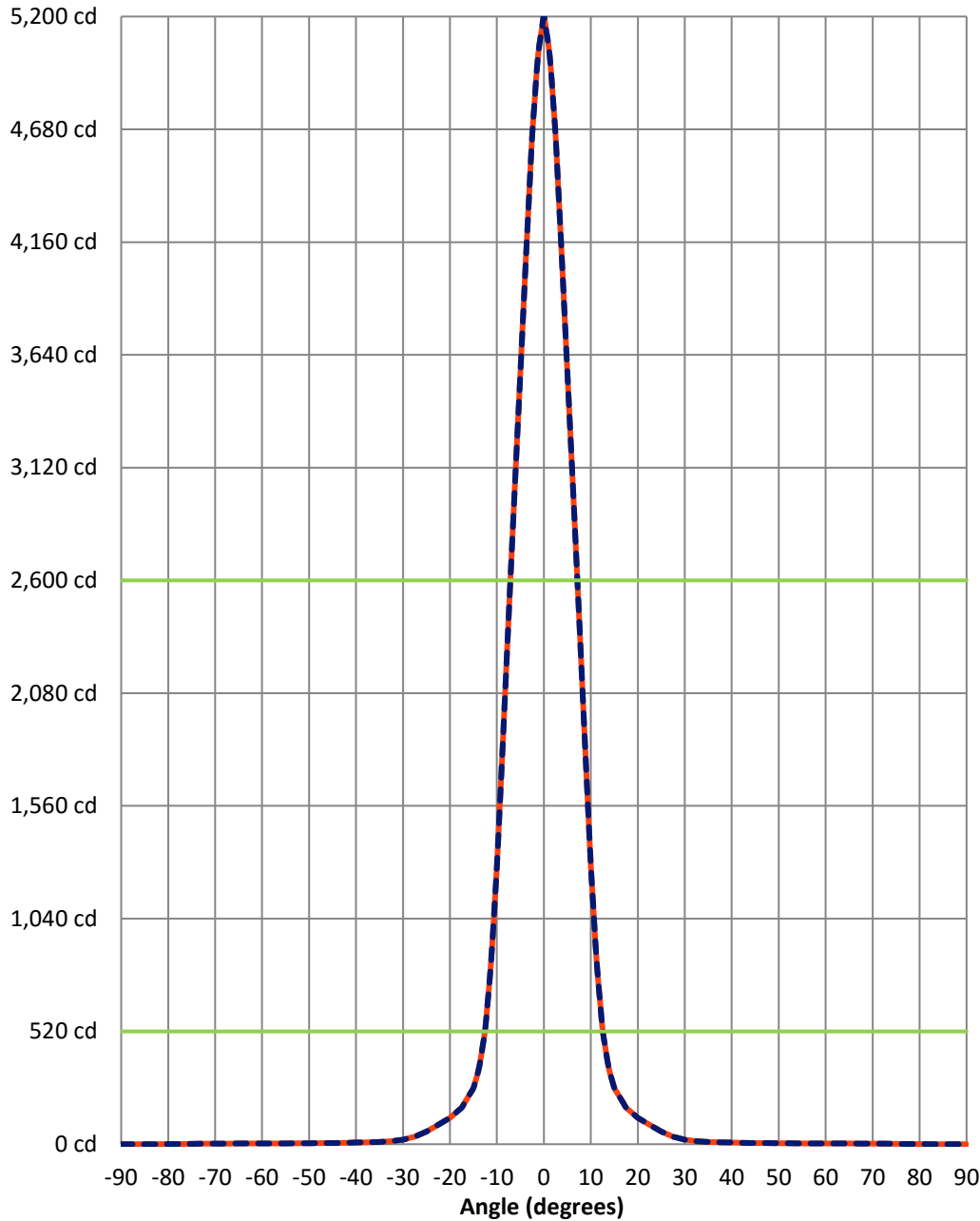
REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 14.3°
 V Angle: 14.3°
 Lumens: 168.3
 Efficiency: 40.8%

Field:
 H Angle: 25.1°
 V Angle: 25.1°
 Lumens: 311
 Efficiency: 75.5%

Spill:
 Lumens: 101
 Efficiency: 24.5%

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	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	1
42.5°	0	0	0	0	0	0	0	0	0	0	1
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
38.75°	0	0	0	0	0	0	0	0	0	0	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	0	1	1
35°	0	0	0	0	0	0	0	0	0	1	1



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	1	1	1
-23.75°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	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	0	1	1
-28.75°	0	0	0	0	0	0	0	0	0	1	1
-30°	0	0	0	0	0	0	0	0	0	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	1	1
-36.25°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-38.75°	0	0	0	0	0	0	0	0	0	0	1
-40°	0	0	0	0	0	0	0	0	0	0	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-42.5°	0	0	0	0	0	0	0	0	0	0	1
-43.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	2	2	3	3	3	3	3	3	3
-23.75°	1	1	2	2	2	3	3	3	3	3	3
-25°	1	1	2	2	2	3	3	3	3	3	3
-26.25°	1	1	2	2	2	3	3	3	3	3	3
-27.5°	1	1	1	2	2	3	3	3	3	3	3
-28.75°	1	1	1	2	2	3	3	3	3	3	3
-30°	1	1	1	2	2	3	3	3	3	3	3
-31.25°	1	1	1	2	2	2	3	3	3	3	3
-32.5°	1	1	1	2	2	2	3	3	3	3	3
-33.75°	1	1	1	2	2	2	3	3	3	3	3
-35°	1	1	1	1	2	2	3	3	3	3	3
-36.25°	1	1	1	1	2	2	2	3	3	3	3
-37.5°	1	1	1	1	2	2	2	3	3	3	3
-38.75°	1	1	1	1	2	2	2	3	3	3	3
-40°	1	1	1	1	1	2	2	2	3	3	3
-41.25°	1	1	1	1	1	2	2	2	3	3	3
-42.5°	1	1	1	1	1	2	2	2	3	3	3
-43.75°	1	1	1	1	1	1	2	2	2	3	3
-45°	1	1	1	1	1	1	2	2	2	3	3
-46.25°	1	1	1	1	1	1	2	2	2	2	3
-47.5°	1	1	1	1	1	1	1	2	2	2	3
-48.75°	1	1	1	1	1	1	1	2	2	2	2
-50°	0	1	1	1	1	1	1	1	2	2	2
-51.25°	0	1	1	1	1	1	1	1	2	2	2
-52.5°	0	1	1	1	1	1	1	1	1	2	2
-53.75°	0	0	1	1	1	1	1	1	1	2	2
-55°	0	0	1	1	1	1	1	1	1	1	2
-56.25°	0	0	1	1	1	1	1	1	1	1	1
-57.5°	0	0	0	1	1	1	1	1	1	1	1
-58.75°	0	0	0	1	1	1	1	1	1	1	1
-60°	0	0	0	0	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	1	1	1	1	1	1
-63.75°	0	0	0	0	0	0	1	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	4	4	4	4	4	4	4
-23.75°	4	4	4	4	4	4	4	4	4	4	4
-25°	3	4	4	4	4	4	4	4	4	4	4
-26.25°	3	4	4	4	4	4	4	4	4	4	4
-27.5°	3	4	4	4	4	4	4	4	4	4	4
-28.75°	3	3	4	4	4	4	4	4	4	4	4
-30°	3	3	4	4	4	4	4	4	4	4	4
-31.25°	3	3	4	4	4	4	4	4	4	4	4
-32.5°	3	3	3	4	4	4	4	4	4	4	4
-33.75°	3	3	3	4	4	4	4	4	4	4	4
-35°	3	3	3	4	4	4	4	4	4	4	4
-36.25°	3	3	3	3	4	4	4	4	4	4	4
-37.5°	3	3	3	3	4	4	4	4	4	4	4
-38.75°	3	3	3	3	3	4	4	4	4	4	4
-40°	3	3	3	3	3	4	4	4	4	4	4
-41.25°	3	3	3	3	3	3	4	4	4	4	4
-42.5°	3	3	3	3	3	3	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	4	4	4	4
-45°	3	3	3	3	3	3	3	3	4	4	4
-46.25°	3	3	3	3	3	3	3	3	3	4	4
-47.5°	3	3	3	3	3	3	3	3	3	4	4
-48.75°	3	3	3	3	3	3	3	3	3	3	4
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	2	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-53.75°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	1	2	2	2	2	3	3	3	3	3	3
-58.75°	1	2	2	2	2	2	3	3	3	3	3
-60°	1	1	2	2	2	2	2	2	3	3	3
-61.25°	1	1	1	2	2	2	2	2	2	3	3
-62.5°	1	1	1	1	1	2	2	2	2	2	3
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	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	1	1
77.5°	0	0	0	0	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	2	2	2
70°	1	1	1	1	1	2	2	2	2	2	2
68.75°	1	1	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	3	3	3
66.25°	2	2	2	2	2	3	3	3	3	3	3
65°	2	2	2	3	3	3	3	3	3	3	3
63.75°	2	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°	3	3	3	3	3	3	3	3	3	3	3
60°	3	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	4	4
56.25°	3	3	3	3	3	3	3	4	4	4	4
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	3	3	3	4	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	4
40°	4	4	4	4	4	4	4	4	4	4	4
38.75°	4	4	4	4	4	4	4	4	4	4	4
37.5°	4	4	4	4	4	4	4	4	4	4	4
36.25°	4	4	4	4	4	4	4	4	4	4	5
35°	4	4	4	4	4	4	4	4	4	4	5



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	4	4	4	4	4	4	4	4	5	5
32.5°	4	4	4	4	4	4	4	4	5	5	5
31.25°	4	4	4	4	4	4	4	5	5	5	5
30°	4	4	4	4	4	4	5	5	5	5	5
28.75°	4	4	4	4	4	4	5	5	5	5	5
27.5°	4	4	4	4	4	5	5	5	5	5	5
26.25°	4	4	4	4	4	5	5	5	5	5	6
25°	4	4	4	4	5	5	5	5	5	6	6
23.75°	4	4	4	4	5	5	5	5	5	6	6
22.5°	4	4	4	5	5	5	5	5	6	6	7
21.25°	4	4	4	5	5	5	5	5	6	6	7
20°	4	4	4	5	5	5	5	6	6	7	7
18.75°	4	4	5	5	5	5	5	6	6	7	8
17.5°	4	4	5	5	5	5	5	6	6	7	8
16.25°	4	4	5	5	5	5	6	6	7	8	8
15°	4	5	5	5	5	5	6	6	7	8	8
13.75°	4	5	5	5	5	5	6	6	7	8	8
12.5°	4	5	5	5	5	6	6	7	8	8	8
11.25°	4	5	5	5	5	6	6	7	8	8	9
10°	4	5	5	5	5	6	6	7	8	8	9
8.75°	5	5	5	5	5	6	6	7	8	8	9
7.5°	5	5	5	5	5	6	7	7	8	8	9
6.25°	5	5	5	5	6	6	7	8	8	9	9
5°	5	5	5	5	6	6	7	8	8	9	9
3.75°	5	5	5	5	6	6	7	8	8	9	9
2.5°	5	5	5	5	6	6	7	8	8	9	9
1.25°	5	5	5	5	6	6	7	8	8	9	10
0°	5	5	5	5	6	6	7	8	8	9	10
-1.25°	5	5	5	5	6	6	7	8	8	9	10
-2.5°	5	5	5	5	6	6	7	8	8	9	9
-3.75°	5	5	5	5	6	6	7	8	8	9	9
-5°	5	5	5	5	6	6	7	8	8	9	9
-6.25°	5	5	5	5	6	6	7	8	8	9	9
-7.5°	5	5	5	5	5	6	7	7	8	8	9
-8.75°	5	5	5	5	5	6	6	7	8	8	9
-10°	4	5	5	5	5	6	6	7	8	8	9
-11.25°	4	5	5	5	5	6	6	7	8	8	9
-12.5°	4	5	5	5	5	6	6	7	8	8	8
-13.75°	4	5	5	5	5	5	6	6	7	8	8
-15°	4	5	5	5	5	5	6	6	7	8	8
-16.25°	4	4	5	5	5	5	6	6	7	8	8
-17.5°	4	4	5	5	5	5	5	6	6	7	8
-18.75°	4	4	5	5	5	5	5	6	6	7	8
-20°	4	4	4	5	5	5	5	6	6	7	7
-21.25°	4	4	4	5	5	5	5	5	6	6	7



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	4	5	5	5	5	5	6	6	7
-23.75°	4	4	4	4	5	5	5	5	5	6	6
-25°	4	4	4	4	5	5	5	5	5	6	6
-26.25°	4	4	4	4	4	5	5	5	5	5	6
-27.5°	4	4	4	4	4	5	5	5	5	5	5
-28.75°	4	4	4	4	4	4	5	5	5	5	5
-30°	4	4	4	4	4	4	5	5	5	5	5
-31.25°	4	4	4	4	4	4	4	5	5	5	5
-32.5°	4	4	4	4	4	4	4	4	5	5	5
-33.75°	4	4	4	4	4	4	4	4	4	5	5
-35°	4	4	4	4	4	4	4	4	4	4	5
-36.25°	4	4	4	4	4	4	4	4	4	4	5
-37.5°	4	4	4	4	4	4	4	4	4	4	4
-38.75°	4	4	4	4	4	4	4	4	4	4	4
-40°	4	4	4	4	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	3	3	3
-68.75°	1	1	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	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	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	2	2	2	2
72.5°	1	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	3
70°	2	2	2	2	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	4	4
61.25°	3	3	3	3	3	3	4	4	4	4	4
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	5
43.75°	4	4	4	4	4	4	4	4	5	5	5
42.5°	4	4	4	4	4	4	5	5	5	5	5
41.25°	4	4	4	4	5	5	5	5	5	5	5
40°	4	4	4	5	5	5	5	5	5	5	5
38.75°	4	4	5	5	5	5	5	5	5	5	6
37.5°	4	5	5	5	5	5	5	5	6	6	6
36.25°	5	5	5	5	5	5	5	6	6	6	7
35°	5	5	5	5	5	6	6	6	6	7	7



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	5	5	5	6	6	6	7	7	7	8
32.5°	5	5	5	6	6	6	7	7	8	8	8
31.25°	5	5	6	6	6	7	7	8	8	8	9
30°	5	6	6	6	7	7	8	8	8	9	9
28.75°	6	6	6	7	7	8	8	8	9	9	10
27.5°	6	6	7	7	8	8	8	9	9	10	10
26.25°	6	7	7	8	8	8	9	9	10	11	12
25°	6	7	8	8	8	9	9	10	11	12	13
23.75°	7	7	8	8	9	9	10	11	12	13	15
22.5°	7	8	8	9	9	10	10	12	13	15	17
21.25°	8	8	8	9	10	10	11	13	14	17	19
20°	8	8	9	9	10	11	12	14	16	19	22
18.75°	8	8	9	10	11	12	13	16	18	21	27
17.5°	8	9	9	10	11	13	15	17	20	25	31
16.25°	8	9	10	11	12	14	16	19	23	29	35
15°	9	9	10	11	13	15	18	21	27	33	41
13.75°	9	10	10	12	14	16	19	24	30	37	47
12.5°	9	10	11	13	15	18	21	27	33	43	53
11.25°	9	10	12	13	16	19	23	30	37	47	58
10°	10	10	12	14	17	20	26	32	41	52	64
8.75°	10	11	12	14	18	21	28	34	45	56	70
7.5°	10	11	13	15	18	23	30	37	49	60	75
6.25°	10	11	13	16	19	24	31	40	51	64	79
5°	10	12	13	16	20	26	32	42	54	68	83
3.75°	10	12	14	17	20	27	33	44	56	70	86
2.5°	10	12	14	17	21	27	34	45	57	72	88
1.25°	10	12	14	17	21	28	35	46	58	73	89
0°	10	12	14	17	21	28	35	46	58	74	90
-1.25°	10	12	14	17	21	28	35	46	58	73	89
-2.5°	10	12	14	17	21	27	34	45	57	72	88
-3.75°	10	12	14	17	20	27	33	44	56	70	86
-5°	10	12	13	16	20	26	32	42	54	68	83
-6.25°	10	11	13	16	19	24	31	40	51	64	79
-7.5°	10	11	13	15	18	23	30	37	49	60	75
-8.75°	10	11	12	14	18	21	28	34	45	56	70
-10°	10	10	12	14	17	20	26	32	41	52	64
-11.25°	9	10	12	13	16	19	23	30	37	47	58
-12.5°	9	10	11	13	15	18	21	27	33	43	53
-13.75°	9	10	10	12	14	16	19	24	30	37	47
-15°	9	9	10	11	13	15	18	21	27	33	41
-16.25°	8	9	10	11	12	14	16	19	23	29	35
-17.5°	8	9	9	10	11	13	15	17	20	25	31
-18.75°	8	8	9	10	11	12	13	16	18	21	27
-20°	8	8	9	9	10	11	12	14	16	19	22
-21.25°	8	8	8	9	10	10	11	13	14	17	19



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	7	8	8	9	9	10	10	12	13	15	17
-23.75°	7	7	8	8	9	9	10	11	12	13	15
-25°	6	7	8	8	8	9	9	10	11	12	13
-26.25°	6	7	7	8	8	8	9	9	10	11	12
-27.5°	6	6	7	7	8	8	8	9	9	10	10
-28.75°	6	6	6	7	7	8	8	8	9	9	10
-30°	5	6	6	6	7	7	8	8	8	9	9
-31.25°	5	5	6	6	6	7	7	8	8	8	9
-32.5°	5	5	5	6	6	6	7	7	8	8	8
-33.75°	5	5	5	5	6	6	6	7	7	7	8
-35°	5	5	5	5	5	6	6	6	6	7	7
-36.25°	5	5	5	5	5	5	5	6	6	6	7
-37.5°	4	5	5	5	5	5	5	5	6	6	6
-38.75°	4	4	5	5	5	5	5	5	5	5	6
-40°	4	4	4	5	5	5	5	5	5	5	5
-41.25°	4	4	4	4	5	5	5	5	5	5	5
-42.5°	4	4	4	4	4	4	5	5	5	5	5
-43.75°	4	4	4	4	4	4	4	4	5	5	5
-45°	4	4	4	4	4	4	4	4	4	4	5
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	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°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	2	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	3
-72.5°	1	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	5
47.5°	4	4	4	4	4	5	5	5	5	5	5
46.25°	4	4	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	6	6	6	6
41.25°	5	5	5	5	6	6	6	6	6	6	6
40°	5	6	6	6	6	6	6	7	7	7	7
38.75°	6	6	6	6	7	7	7	8	8	8	8
37.5°	6	7	7	7	8	8	8	8	8	8	8
36.25°	7	7	8	8	8	8	8	8	9	9	9
35°	8	8	8	8	8	9	9	9	9	10	10



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	8	8	8	9	9	9	10	10	10	10	11
32.5°	8	9	9	9	10	10	10	11	12	12	12
31.25°	9	9	10	10	11	11	12	13	13	14	14
30°	10	10	11	11	12	13	14	15	16	17	18
28.75°	10	11	12	13	14	15	16	18	19	20	21
27.5°	11	12	13	15	16	18	19	21	23	26	28
26.25°	13	14	16	17	19	21	24	27	30	32	34
25°	14	16	18	20	23	27	30	33	37	41	45
23.75°	17	19	21	25	29	33	37	43	47	52	56
22.5°	19	22	27	31	35	41	47	53	58	64	70
21.25°	22	27	32	37	44	51	57	64	72	78	84
20°	27	32	38	46	53	61	69	78	85	92	99
18.75°	32	38	46	54	63	73	82	91	99	107	114
17.5°	37	46	54	64	74	85	94	104	113	121	131
16.25°	44	53	63	74	85	96	107	116	128	140	152
15°	51	61	73	85	96	108	119	132	147	160	175
13.75°	57	69	82	94	107	119	134	150	165	189	214
12.5°	64	78	91	104	116	132	150	166	195	224	251
11.25°	72	85	99	113	128	147	165	195	228	259	311
10°	78	92	107	121	140	160	189	224	259	319	408
8.75°	84	99	114	131	152	175	214	251	311	408	555
7.5°	90	105	120	140	162	196	236	289	382	532	758
6.25°	95	110	127	149	173	215	256	331	464	682	1000
5°	98	114	133	156	187	230	285	387	565	853	1257
3.75°	102	117	138	161	199	243	309	431	661	1025	1499
2.5°	104	120	142	165	207	252	329	483	754	1166	1684
1.25°	105	121	144	168	212	257	347	517	811	1253	1804
0°	106	122	145	169	214	259	353	528	830	1283	1845
-1.25°	105	121	144	168	212	257	347	517	811	1253	1804
-2.5°	104	120	142	165	207	252	329	483	754	1166	1684
-3.75°	102	117	138	161	199	243	309	431	661	1025	1499
-5°	98	114	133	156	187	230	285	387	565	853	1257
-6.25°	95	110	127	149	173	215	256	331	464	682	1000
-7.5°	90	105	120	140	162	196	236	289	382	532	758
-8.75°	84	99	114	131	152	175	214	251	311	408	555
-10°	78	92	107	121	140	160	189	224	259	319	408
-11.25°	72	85	99	113	128	147	165	195	228	259	311
-12.5°	64	78	91	104	116	132	150	166	195	224	251
-13.75°	57	69	82	94	107	119	134	150	165	189	214
-15°	51	61	73	85	96	108	119	132	147	160	175
-16.25°	44	53	63	74	85	96	107	116	128	140	152
-17.5°	37	46	54	64	74	85	94	104	113	121	131
-18.75°	32	38	46	54	63	73	82	91	99	107	114
-20°	27	32	38	46	53	61	69	78	85	92	99
-21.25°	22	27	32	37	44	51	57	64	72	78	84



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	19	22	27	31	35	41	47	53	58	64	70
-23.75°	17	19	21	25	29	33	37	43	47	52	56
-25°	14	16	18	20	23	27	30	33	37	41	45
-26.25°	13	14	16	17	19	21	24	27	30	32	34
-27.5°	11	12	13	15	16	18	19	21	23	26	28
-28.75°	10	11	12	13	14	15	16	18	19	20	21
-30°	10	10	11	11	12	13	14	15	16	17	18
-31.25°	9	9	10	10	11	11	12	13	13	14	14
-32.5°	8	9	9	9	10	10	10	11	12	12	12
-33.75°	8	8	8	9	9	9	10	10	10	10	11
-35°	8	8	8	8	8	9	9	9	9	10	10
-36.25°	7	7	8	8	8	8	8	8	9	9	9
-37.5°	6	7	7	7	8	8	8	8	8	8	8
-38.75°	6	6	6	6	7	7	7	8	8	8	8
-40°	5	6	6	6	6	6	6	7	7	7	7
-41.25°	5	5	5	5	6	6	6	6	6	6	6
-42.5°	5	5	5	5	5	5	5	6	6	6	6
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	4	5	5	5	5	5	5
-48.75°	4	4	4	4	4	4	4	4	4	4	5
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	4	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	6	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	7	7	7	7	7	7	7	7	7	7	7
40°	7	8	8	8	8	8	8	8	8	8	8
38.75°	8	8	8	8	8	8	8	8	8	8	8
37.5°	8	9	9	9	9	9	9	9	9	9	9
36.25°	9	9	9	9	9	10	10	10	9	9	9
35°	10	10	10	10	10	10	10	10	10	10	10



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	11	11	12	12	12	12	12	12	12	12	12
32.5°	13	13	13	14	14	14	14	14	14	14	13
31.25°	15	16	16	17	17	17	17	17	17	17	16
30°	18	19	20	20	21	21	21	21	21	20	20
28.75°	23	24	26	27	27	28	28	28	27	27	26
27.5°	30	31	32	33	34	35	35	35	34	33	32
26.25°	37	40	42	44	45	46	46	46	45	44	42
25°	49	51	54	56	57	58	58	58	57	56	54
23.75°	60	64	68	70	72	73	74	73	72	70	68
22.5°	75	79	83	86	88	89	90	89	88	86	83
21.25°	90	95	98	102	104	105	106	105	104	102	98
20°	105	110	114	117	120	121	122	121	120	117	114
18.75°	120	127	133	138	142	144	145	144	142	138	133
17.5°	140	149	156	161	165	168	169	168	165	161	156
16.25°	162	173	187	199	207	212	214	212	207	199	187
15°	196	215	230	243	252	257	259	257	252	243	230
13.75°	236	256	285	309	329	347	353	347	329	309	285
12.5°	289	331	387	431	483	517	528	517	483	431	387
11.25°	382	464	565	661	754	811	830	811	754	661	565
10°	532	682	853	1025	1166	1253	1283	1253	1166	1025	853
8.75°	758	1000	1257	1499	1684	1804	1845	1804	1684	1499	1257
7.5°	1056	1394	1725	2019	2243	2384	2432	2384	2243	2019	1725
6.25°	1394	1808	2199	2533	2788	2949	3004	2949	2788	2533	2199
5°	1725	2199	2636	3006	3299	3492	3560	3492	3299	3006	2636
3.75°	2019	2533	3006	3426	3781	4029	4120	4029	3781	3426	3006
2.5°	2243	2788	3299	3781	4216	4535	4649	4535	4216	3781	3299
1.25°	2384	2949	3492	4029	4535	4900	5031	4900	4535	4029	3492
0°	2432	3004	3560	4120	4649	5031	5200	5031	4649	4120	3560
-1.25°	2384	2949	3492	4029	4535	4900	5031	4900	4535	4029	3492
-2.5°	2243	2788	3299	3781	4216	4535	4649	4535	4216	3781	3299
-3.75°	2019	2533	3006	3426	3781	4029	4120	4029	3781	3426	3006
-5°	1725	2199	2636	3006	3299	3492	3560	3492	3299	3006	2636
-6.25°	1394	1808	2199	2533	2788	2949	3004	2949	2788	2533	2199
-7.5°	1056	1394	1725	2019	2243	2384	2432	2384	2243	2019	1725
-8.75°	758	1000	1257	1499	1684	1804	1845	1804	1684	1499	1257
-10°	532	682	853	1025	1166	1253	1283	1253	1166	1025	853
-11.25°	382	464	565	661	754	811	830	811	754	661	565
-12.5°	289	331	387	431	483	517	528	517	483	431	387
-13.75°	236	256	285	309	329	347	353	347	329	309	285
-15°	196	215	230	243	252	257	259	257	252	243	230
-16.25°	162	173	187	199	207	212	214	212	207	199	187
-17.5°	140	149	156	161	165	168	169	168	165	161	156
-18.75°	120	127	133	138	142	144	145	144	142	138	133
-20°	105	110	114	117	120	121	122	121	120	117	114
-21.25°	90	95	98	102	104	105	106	105	104	102	98



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	75	79	83	86	88	89	90	89	88	86	83
-23.75°	60	64	68	70	72	73	74	73	72	70	68
-25°	49	51	54	56	57	58	58	58	57	56	54
-26.25°	37	40	42	44	45	46	46	46	45	44	42
-27.5°	30	31	32	33	34	35	35	35	34	33	32
-28.75°	23	24	26	27	27	28	28	28	27	27	26
-30°	18	19	20	20	21	21	21	21	21	20	20
-31.25°	15	16	16	17	17	17	17	17	17	17	16
-32.5°	13	13	13	14	14	14	14	14	14	14	13
-33.75°	11	11	12	12	12	12	12	12	12	12	12
-35°	10	10	10	10	10	10	10	10	10	10	10
-36.25°	9	9	9	9	9	10	10	10	9	9	9
-37.5°	8	9	9	9	9	9	9	9	9	9	9
-38.75°	8	8	8	8	8	8	8	8	8	8	8
-40°	7	8	8	8	8	8	8	8	8	8	8
-41.25°	7	7	7	7	7	7	7	7	7	7	7
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	5	6	6	6	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	4	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	5	5	5	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	5	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	6	6	5	5	5	5	5
41.25°	7	7	6	6	6	6	6	6	6	5	5
40°	8	7	7	7	7	7	6	6	6	6	6
38.75°	8	8	8	8	8	8	7	7	7	6	6
37.5°	9	8	8	8	8	8	8	8	8	7	7
36.25°	9	9	9	9	9	8	8	8	8	8	8
35°	10	10	10	10	9	9	9	9	8	8	8



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	11	11	11	10	10	10	10	9	9	9	8
32.5°	13	13	12	12	12	11	10	10	10	9	9
31.25°	16	15	14	14	13	13	12	11	11	10	10
30°	19	18	18	17	16	15	14	13	12	11	11
28.75°	24	23	21	20	19	18	16	15	14	13	12
27.5°	31	30	28	26	23	21	19	18	16	15	13
26.25°	40	37	34	32	30	27	24	21	19	17	16
25°	51	49	45	41	37	33	30	27	23	20	18
23.75°	64	60	56	52	47	43	37	33	29	25	21
22.5°	79	75	70	64	58	53	47	41	35	31	27
21.25°	95	90	84	78	72	64	57	51	44	37	32
20°	110	105	99	92	85	78	69	61	53	46	38
18.75°	127	120	114	107	99	91	82	73	63	54	46
17.5°	149	140	131	121	113	104	94	85	74	64	54
16.25°	173	162	152	140	128	116	107	96	85	74	63
15°	215	196	175	160	147	132	119	108	96	85	73
13.75°	256	236	214	189	165	150	134	119	107	94	82
12.5°	331	289	251	224	195	166	150	132	116	104	91
11.25°	464	382	311	259	228	195	165	147	128	113	99
10°	682	532	408	319	259	224	189	160	140	121	107
8.75°	1000	758	555	408	311	251	214	175	152	131	114
7.5°	1394	1056	758	532	382	289	236	196	162	140	120
6.25°	1808	1394	1000	682	464	331	256	215	173	149	127
5°	2199	1725	1257	853	565	387	285	230	187	156	133
3.75°	2533	2019	1499	1025	661	431	309	243	199	161	138
2.5°	2788	2243	1684	1166	754	483	329	252	207	165	142
1.25°	2949	2384	1804	1253	811	517	347	257	212	168	144
0°	3004	2432	1845	1283	830	528	353	259	214	169	145
-1.25°	2949	2384	1804	1253	811	517	347	257	212	168	144
-2.5°	2788	2243	1684	1166	754	483	329	252	207	165	142
-3.75°	2533	2019	1499	1025	661	431	309	243	199	161	138
-5°	2199	1725	1257	853	565	387	285	230	187	156	133
-6.25°	1808	1394	1000	682	464	331	256	215	173	149	127
-7.5°	1394	1056	758	532	382	289	236	196	162	140	120
-8.75°	1000	758	555	408	311	251	214	175	152	131	114
-10°	682	532	408	319	259	224	189	160	140	121	107
-11.25°	464	382	311	259	228	195	165	147	128	113	99
-12.5°	331	289	251	224	195	166	150	132	116	104	91
-13.75°	256	236	214	189	165	150	134	119	107	94	82
-15°	215	196	175	160	147	132	119	108	96	85	73
-16.25°	173	162	152	140	128	116	107	96	85	74	63
-17.5°	149	140	131	121	113	104	94	85	74	64	54
-18.75°	127	120	114	107	99	91	82	73	63	54	46
-20°	110	105	99	92	85	78	69	61	53	46	38
-21.25°	95	90	84	78	72	64	57	51	44	37	32



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	79	75	70	64	58	53	47	41	35	31	27
-23.75°	64	60	56	52	47	43	37	33	29	25	21
-25°	51	49	45	41	37	33	30	27	23	20	18
-26.25°	40	37	34	32	30	27	24	21	19	17	16
-27.5°	31	30	28	26	23	21	19	18	16	15	13
-28.75°	24	23	21	20	19	18	16	15	14	13	12
-30°	19	18	18	17	16	15	14	13	12	11	11
-31.25°	16	15	14	14	13	13	12	11	11	10	10
-32.5°	13	13	12	12	12	11	10	10	10	9	9
-33.75°	11	11	11	10	10	10	10	9	9	9	8
-35°	10	10	10	10	9	9	9	9	8	8	8
-36.25°	9	9	9	9	9	8	8	8	8	8	8
-37.5°	9	8	8	8	8	8	8	8	8	7	7
-38.75°	8	8	8	8	8	8	7	7	7	6	6
-40°	8	7	7	7	7	7	6	6	6	6	6
-41.25°	7	7	6	6	6	6	6	6	6	5	5
-42.5°	6	6	6	6	6	6	5	5	5	5	5
-43.75°	6	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	4	4	4
-48.75°	5	5	5	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	4	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	4	4	4	4	4	4
42.5°	5	5	5	5	5	5	5	4	4	4	4
41.25°	5	5	5	5	5	5	5	5	5	4	4
40°	6	5	5	5	5	5	5	5	5	5	4
38.75°	6	6	6	5	5	5	5	5	5	5	5
37.5°	7	6	6	6	6	5	5	5	5	5	5
36.25°	7	7	7	6	6	6	5	5	5	5	5
35°	8	8	7	7	6	6	6	6	5	5	5



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	8	8	8	7	7	7	6	6	6	5	5
32.5°	9	8	8	8	8	7	7	6	6	6	5
31.25°	9	9	9	8	8	8	7	7	6	6	6
30°	10	10	9	9	8	8	8	7	7	6	6
28.75°	11	10	10	9	9	8	8	8	7	7	6
27.5°	12	11	10	10	9	9	8	8	8	7	7
26.25°	14	13	12	11	10	9	9	8	8	8	7
25°	16	14	13	12	11	10	9	9	8	8	8
23.75°	19	17	15	13	12	11	10	9	9	8	8
22.5°	22	19	17	15	13	12	10	10	9	9	8
21.25°	27	22	19	17	14	13	11	10	10	9	8
20°	32	27	22	19	16	14	12	11	10	9	9
18.75°	38	32	27	21	18	16	13	12	11	10	9
17.5°	46	37	31	25	20	17	15	13	11	10	9
16.25°	53	44	35	29	23	19	16	14	12	11	10
15°	61	51	41	33	27	21	18	15	13	11	10
13.75°	69	57	47	37	30	24	19	16	14	12	10
12.5°	78	64	53	43	33	27	21	18	15	13	11
11.25°	85	72	58	47	37	30	23	19	16	13	12
10°	92	78	64	52	41	32	26	20	17	14	12
8.75°	99	84	70	56	45	34	28	21	18	14	12
7.5°	105	90	75	60	49	37	30	23	18	15	13
6.25°	110	95	79	64	51	40	31	24	19	16	13
5°	114	98	83	68	54	42	32	26	20	16	13
3.75°	117	102	86	70	56	44	33	27	20	17	14
2.5°	120	104	88	72	57	45	34	27	21	17	14
1.25°	121	105	89	73	58	46	35	28	21	17	14
0°	122	106	90	74	58	46	35	28	21	17	14
-1.25°	121	105	89	73	58	46	35	28	21	17	14
-2.5°	120	104	88	72	57	45	34	27	21	17	14
-3.75°	117	102	86	70	56	44	33	27	20	17	14
-5°	114	98	83	68	54	42	32	26	20	16	13
-6.25°	110	95	79	64	51	40	31	24	19	16	13
-7.5°	105	90	75	60	49	37	30	23	18	15	13
-8.75°	99	84	70	56	45	34	28	21	18	14	12
-10°	92	78	64	52	41	32	26	20	17	14	12
-11.25°	85	72	58	47	37	30	23	19	16	13	12
-12.5°	78	64	53	43	33	27	21	18	15	13	11
-13.75°	69	57	47	37	30	24	19	16	14	12	10
-15°	61	51	41	33	27	21	18	15	13	11	10
-16.25°	53	44	35	29	23	19	16	14	12	11	10
-17.5°	46	37	31	25	20	17	15	13	11	10	9
-18.75°	38	32	27	21	18	16	13	12	11	10	9
-20°	32	27	22	19	16	14	12	11	10	9	9
-21.25°	27	22	19	17	14	13	11	10	10	9	8



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	22	19	17	15	13	12	10	10	9	9	8
-23.75°	19	17	15	13	12	11	10	9	9	8	8
-25°	16	14	13	12	11	10	9	9	8	8	8
-26.25°	14	13	12	11	10	9	9	8	8	8	7
-27.5°	12	11	10	10	9	9	8	8	8	7	7
-28.75°	11	10	10	9	9	8	8	8	7	7	6
-30°	10	10	9	9	8	8	8	7	7	6	6
-31.25°	9	9	9	8	8	8	7	7	6	6	6
-32.5°	9	8	8	8	8	7	7	6	6	6	5
-33.75°	8	8	8	7	7	7	6	6	6	5	5
-35°	8	8	7	7	6	6	6	6	5	5	5
-36.25°	7	7	7	6	6	6	5	5	5	5	5
-37.5°	7	6	6	6	6	5	5	5	5	5	5
-38.75°	6	6	6	5	5	5	5	5	5	5	5
-40°	6	5	5	5	5	5	5	5	5	5	4
-41.25°	5	5	5	5	5	5	5	5	5	4	4
-42.5°	5	5	5	5	5	5	5	4	4	4	4
-43.75°	5	5	5	5	5	4	4	4	4	4	4
-45°	5	5	5	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	4	4	4	4	4	3	3	3	3
-62.5°	4	4	4	4	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	2	2
-71.25°	3	3	3	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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°	1	1	1	1	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	1	1	1
68.75°	3	3	2	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	3	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	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°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	4
40°	4	4	4	4	4	4	4	4	4	4	4
38.75°	4	4	4	4	4	4	4	4	4	4	4
37.5°	5	4	4	4	4	4	4	4	4	4	4
36.25°	5	5	5	4	4	4	4	4	4	4	4
35°	5	5	5	4	4	4	4	4	4	4	4



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	5	5	5	5	4	4	4	4	4	4	4
32.5°	5	5	5	5	5	4	4	4	4	4	4
31.25°	5	5	5	5	5	5	4	4	4	4	4
30°	6	5	5	5	5	5	5	4	4	4	4
28.75°	6	6	5	5	5	5	5	4	4	4	4
27.5°	6	6	5	5	5	5	5	5	4	4	4
26.25°	7	6	6	5	5	5	5	5	4	4	4
25°	7	6	6	6	5	5	5	5	5	4	4
23.75°	7	7	6	6	5	5	5	5	5	4	4
22.5°	8	7	7	6	6	5	5	5	5	5	4
21.25°	8	8	7	6	6	5	5	5	5	5	4
20°	8	8	7	7	6	6	5	5	5	5	4
18.75°	8	8	8	7	6	6	5	5	5	5	5
17.5°	9	8	8	7	6	6	5	5	5	5	5
16.25°	9	8	8	8	7	6	6	5	5	5	5
15°	9	9	8	8	7	6	6	5	5	5	5
13.75°	10	9	8	8	7	6	6	5	5	5	5
12.5°	10	9	8	8	8	7	6	6	5	5	5
11.25°	10	9	9	8	8	7	6	6	5	5	5
10°	10	10	9	8	8	7	6	6	5	5	5
8.75°	11	10	9	8	8	7	6	6	5	5	5
7.5°	11	10	9	8	8	7	7	6	5	5	5
6.25°	11	10	9	9	8	8	7	6	6	5	5
5°	12	10	9	9	8	8	7	6	6	5	5
3.75°	12	10	9	9	8	8	7	6	6	5	5
2.5°	12	10	9	9	8	8	7	6	6	5	5
1.25°	12	10	10	9	8	8	7	6	6	5	5
0°	12	10	10	9	8	8	7	6	6	5	5
-1.25°	12	10	10	9	8	8	7	6	6	5	5
-2.5°	12	10	9	9	8	8	7	6	6	5	5
-3.75°	12	10	9	9	8	8	7	6	6	5	5
-5°	12	10	9	9	8	8	7	6	6	5	5
-6.25°	11	10	9	9	8	8	7	6	6	5	5
-7.5°	11	10	9	8	8	7	7	6	5	5	5
-8.75°	11	10	9	8	8	7	6	6	5	5	5
-10°	10	10	9	8	8	7	6	6	5	5	5
-11.25°	10	9	9	8	8	7	6	6	5	5	5
-12.5°	10	9	8	8	8	7	6	6	5	5	5
-13.75°	10	9	8	8	7	6	6	5	5	5	5
-15°	9	9	8	8	7	6	6	5	5	5	5
-16.25°	9	8	8	8	7	6	6	5	5	5	5
-17.5°	9	8	8	7	6	6	5	5	5	5	5
-18.75°	8	8	8	7	6	6	5	5	5	5	5
-20°	8	8	7	7	6	6	5	5	5	5	4
-21.25°	8	8	7	6	6	5	5	5	5	5	4



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	8	7	7	6	6	5	5	5	5	5	4
-23.75°	7	7	6	6	5	5	5	5	5	4	4
-25°	7	6	6	6	5	5	5	5	5	4	4
-26.25°	7	6	6	5	5	5	5	5	4	4	4
-27.5°	6	6	5	5	5	5	5	5	4	4	4
-28.75°	6	6	5	5	5	5	5	4	4	4	4
-30°	6	5	5	5	5	5	5	4	4	4	4
-31.25°	5	5	5	5	5	5	4	4	4	4	4
-32.5°	5	5	5	5	5	4	4	4	4	4	4
-33.75°	5	5	5	5	4	4	4	4	4	4	4
-35°	5	5	5	4	4	4	4	4	4	4	4
-36.25°	5	5	5	4	4	4	4	4	4	4	4
-37.5°	5	4	4	4	4	4	4	4	4	4	4
-38.75°	4	4	4	4	4	4	4	4	4	4	4
-40°	4	4	4	4	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	3
-53.75°	4	4	4	4	4	4	4	4	4	3	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	4	3	3	3	3	3
-57.5°	4	4	4	4	3	3	3	3	3	3	3
-58.75°	4	4	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	2
-66.25°	3	3	3	3	3	3	3	3	2	2	2
-67.5°	3	3	3	3	3	2	2	2	2	2	2
-68.75°	3	3	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	1	1	1
-71.25°	2	2	2	2	2	1	1	1	1	1	1
-72.5°	2	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	4	4	4	4	4	4	4	4
-23.75°	4	4	4	4	4	4	4	4	4	4	4
-25°	4	4	4	4	4	4	4	4	4	4	4
-26.25°	4	4	4	4	4	4	4	4	4	4	4
-27.5°	4	4	4	4	4	4	4	4	4	4	4
-28.75°	4	4	4	4	4	4	4	4	4	4	4
-30°	4	4	4	4	4	4	4	4	4	4	4
-31.25°	4	4	4	4	4	4	4	4	4	4	4
-32.5°	4	4	4	4	4	4	4	4	4	4	3
-33.75°	4	4	4	4	4	4	4	4	4	4	3
-35°	4	4	4	4	4	4	4	4	4	4	3
-36.25°	4	4	4	4	4	4	4	4	4	3	3
-37.5°	4	4	4	4	4	4	4	4	4	3	3
-38.75°	4	4	4	4	4	4	4	4	3	3	3
-40°	4	4	4	4	4	4	4	4	3	3	3
-41.25°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	4	3	3	3	3
-43.75°	4	4	4	4	4	4	3	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	3	3
-46.25°	4	4	4	4	3	3	3	3	3	3	3
-47.5°	4	4	4	4	3	3	3	3	3	3	3
-48.75°	4	4	4	3	3	3	3	3	3	3	3
-50°	4	4	3	3	3	3	3	3	3	3	3
-51.25°	4	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	2
-55°	3	3	3	3	3	3	3	3	3	3	2
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	3	3	2	2	2
-58.75°	3	3	3	3	3	3	3	2	2	2	2
-60°	3	3	3	3	3	2	2	2	2	2	2
-61.25°	3	3	3	3	2	2	2	2	2	2	1
-62.5°	3	3	3	2	2	2	2	2	1	1	1
-63.75°	3	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	2	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	0
-73.75°	1	1	1	1	1	1	1	1	0	0	0
-75°	1	1	1	1	1	0	0	0	0	0	0
-76.25°	1	1	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	3	3	2	2	2	1
32.5°	3	3	3	3	3	3	3	2	2	2	1
31.25°	3	3	3	3	3	3	3	2	2	2	1
30°	3	3	3	3	3	3	3	3	2	2	1
28.75°	3	3	3	3	3	3	3	3	2	2	1
27.5°	4	3	3	3	3	3	3	3	2	2	1
26.25°	4	3	3	3	3	3	3	3	2	2	2
25°	4	3	3	3	3	3	3	3	2	2	2
23.75°	4	4	3	3	3	3	3	3	2	2	2
22.5°	4	4	3	3	3	3	3	3	3	2	2
21.25°	4	4	3	3	3	3	3	3	3	2	2
20°	4	4	3	3	3	3	3	3	3	2	2
18.75°	4	4	3	3	3	3	3	3	3	2	2
17.5°	4	4	3	3	3	3	3	3	3	2	2
16.25°	4	4	4	3	3	3	3	3	3	2	2
15°	4	4	4	3	3	3	3	3	3	2	2
13.75°	4	4	4	3	3	3	3	3	3	2	2
12.5°	4	4	4	3	3	3	3	3	3	2	2
11.25°	4	4	4	3	3	3	3	3	3	2	2
10°	4	4	4	3	3	3	3	3	3	3	2
8.75°	4	4	4	3	3	3	3	3	3	3	2
7.5°	4	4	4	3	3	3	3	3	3	3	2
6.25°	4	4	4	3	3	3	3	3	3	3	2
5°	4	4	4	3	3	3	3	3	3	3	2
3.75°	4	4	4	3	3	3	3	3	3	3	2
2.5°	4	4	4	3	3	3	3	3	3	3	2
1.25°	4	4	4	3	3	3	3	3	3	3	2
0°	4	4	4	4	3	3	3	3	3	3	2
-1.25°	4	4	4	3	3	3	3	3	3	3	2
-2.5°	4	4	4	3	3	3	3	3	3	3	2
-3.75°	4	4	4	3	3	3	3	3	3	3	2
-5°	4	4	4	3	3	3	3	3	3	3	2
-6.25°	4	4	4	3	3	3	3	3	3	3	2
-7.5°	4	4	4	3	3	3	3	3	3	3	2
-8.75°	4	4	4	3	3	3	3	3	3	3	2
-10°	4	4	4	3	3	3	3	3	3	3	2
-11.25°	4	4	4	3	3	3	3	3	3	2	2
-12.5°	4	4	4	3	3	3	3	3	3	2	2
-13.75°	4	4	4	3	3	3	3	3	3	2	2
-15°	4	4	4	3	3	3	3	3	3	2	2
-16.25°	4	4	4	3	3	3	3	3	3	2	2
-17.5°	4	4	3	3	3	3	3	3	3	2	2
-18.75°	4	4	3	3	3	3	3	3	3	2	2
-20°	4	4	3	3	3	3	3	3	3	2	2
-21.25°	4	4	3	3	3	3	3	3	3	2	2



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	4	3	3	3	3	3	3	3	2	2
-23.75°	4	4	3	3	3	3	3	3	2	2	2
-25°	4	3	3	3	3	3	3	3	2	2	2
-26.25°	4	3	3	3	3	3	3	3	2	2	2
-27.5°	4	3	3	3	3	3	3	3	2	2	1
-28.75°	3	3	3	3	3	3	3	3	2	2	1
-30°	3	3	3	3	3	3	3	3	2	2	1
-31.25°	3	3	3	3	3	3	3	2	2	2	1
-32.5°	3	3	3	3	3	3	3	2	2	2	1
-33.75°	3	3	3	3	3	3	3	2	2	2	1
-35°	3	3	3	3	3	3	3	2	2	1	1
-36.25°	3	3	3	3	3	3	2	2	2	1	1
-37.5°	3	3	3	3	3	3	2	2	2	1	1
-38.75°	3	3	3	3	3	3	2	2	2	1	1
-40°	3	3	3	3	3	2	2	2	1	1	1
-41.25°	3	3	3	3	3	2	2	2	1	1	1
-42.5°	3	3	3	3	3	2	2	2	1	1	1
-43.75°	3	3	3	3	2	2	2	1	1	1	1
-45°	3	3	3	3	2	2	2	1	1	1	1
-46.25°	3	3	3	2	2	2	2	1	1	1	1
-47.5°	3	3	3	2	2	2	1	1	1	1	1
-48.75°	3	3	2	2	2	2	1	1	1	1	1
-50°	3	3	2	2	2	1	1	1	1	1	1
-51.25°	3	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	0
-58.75°	2	1	1	1	1	1	1	1	1	1	0
-60°	1	1	1	1	1	1	1	1	1	0	0
-61.25°	1	1	1	1	1	1	1	1	1	0	0
-62.5°	1	1	1	1	1	1	1	1	0	0	0
-63.75°	1	1	1	1	1	1	1	0	0	0	0
-65°	1	1	1	1	1	1	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	1	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	0	0	0	0	0	0
-23.75°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	0	0	0	0	0	0	0
-28.75°	1	1	1	1	0	0	0	0	0	0	0
-30°	1	1	1	1	0	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	1	0	0	0	0	0	0	0
-36.25°	1	1	1	1	0	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	0	0	0	0	0	0	0	0
-40°	1	1	1	0	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-43.75°	1	1	1	0	0	0	0	0	0	0	0
-45°	1	1	0	0	0	0	0	0	0	0	0
-46.25°	1	1	0	0	0	0	0	0	0	0	0
-47.5°	1	1	0	0	0	0	0	0	0	0	0
-48.75°	1	1	0	0	0	0	0	0	0	0	0
-50°	1	0	0	0	0	0	0	0	0	0	0
-51.25°	1	0	0	0	0	0	0	0	0	0	0
-52.5°	1	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: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)