

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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

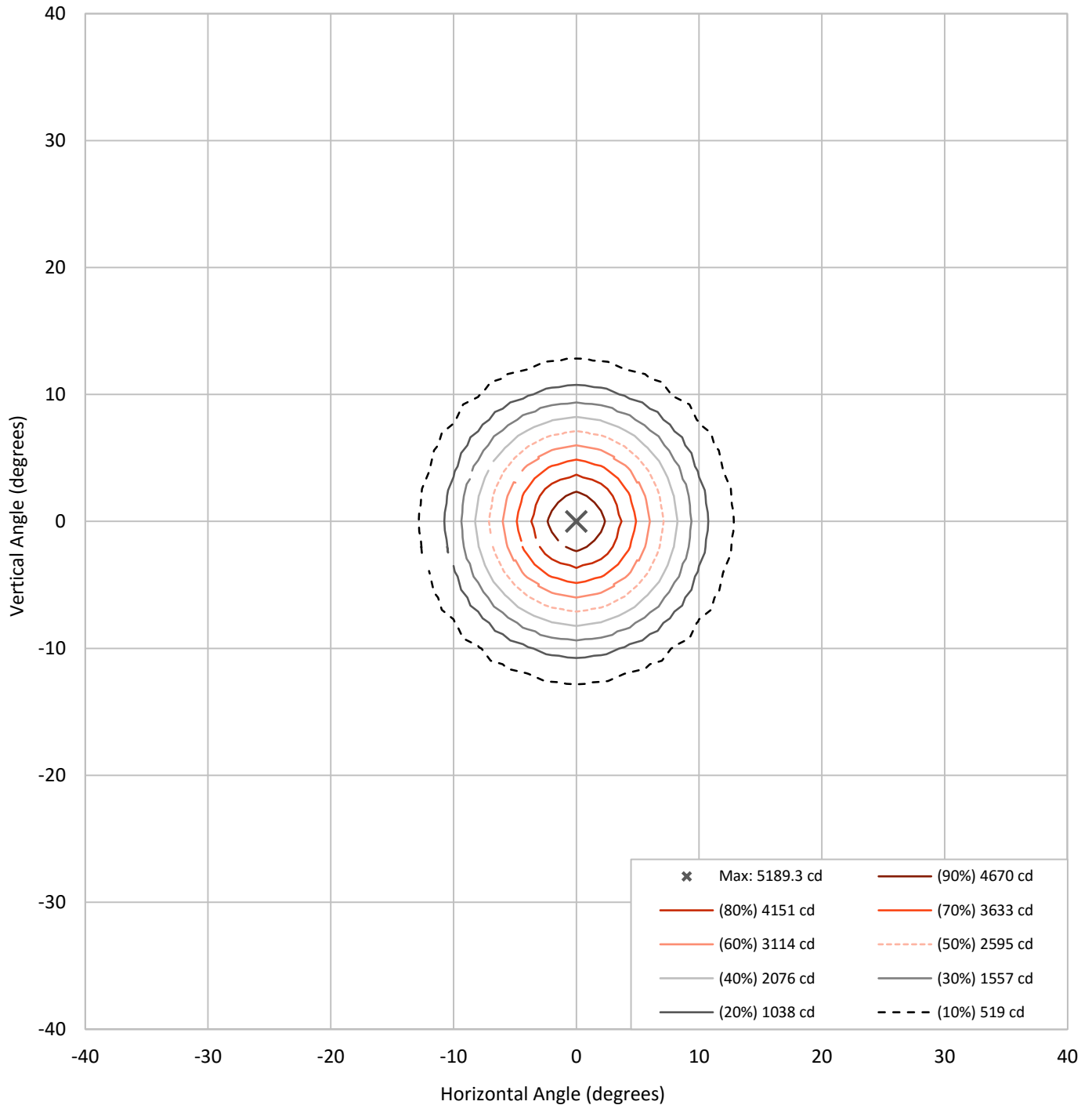
Test Method: LM-79-08  
Report Number: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29409)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3590-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED 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:	405.8 lumens	Max Intensity:	5189.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	40.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.2°H x 14.2°V	Field Angle (10%):	25.2°H x 25.2°V
Beam Lumens:	168.4 lumens	Field Lumens:	310.4 lumens
Beam Efficiency:	41.5%	Field Efficiency:	76.5%
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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3590-S-WT-L1-UNV

### Iso-Candela Plot





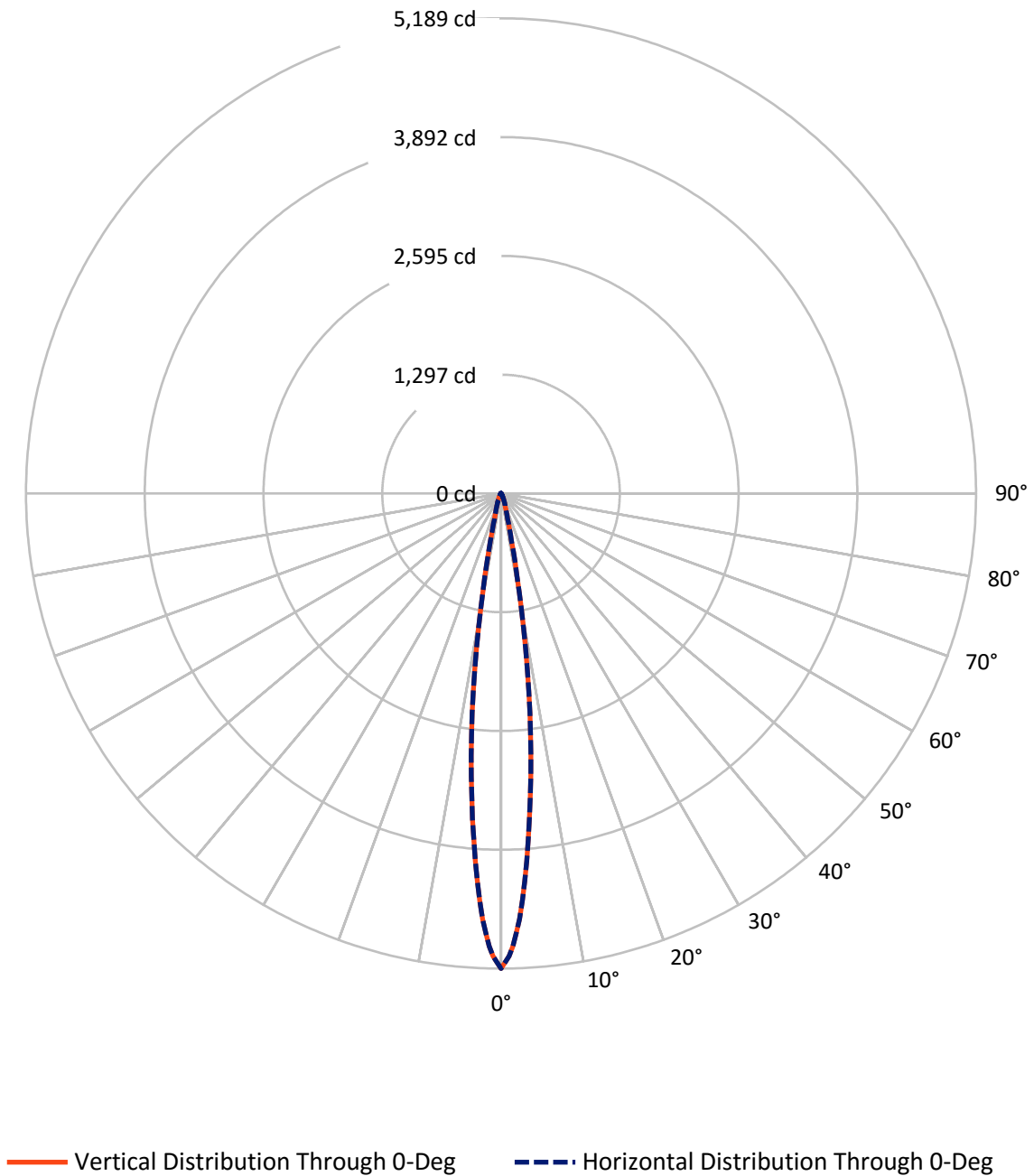
REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3590-S-WT-L1-UNV

### 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	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0				
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	0.0	0.0	0.0			
40		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0				
30	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.7	1.7	0.8	0.3	0.1	0.1	0.0	0.0	0.0		
20		0.0	0.1	0.1	0.2	0.8	3.2	9.0	9.0	3.2	0.8	0.2	0.1	0.1	0.0			
10	0.0	0.0	0.1	0.1	0.3	1.5	8.8	71.9	71.9	8.8	1.5	0.3	0.1	0.1	0.0	0.0		
0		0.0	0.1	0.1	0.3	1.5	8.8	71.9	71.9	8.8	1.5	0.3	0.1	0.1	0.0			
-10	0.0	0.0	0.1	0.1	0.2	0.8	3.2	9.0	9.0	3.2	0.8	0.2	0.1	0.1	0.0	0.0		
-20		0.0	0.0	0.1	0.1	0.3	0.8	1.7	1.7	0.8	0.3	0.1	0.1	0.0	0.0			
-30	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0		
-40		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			
-50	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	0.0		
-60		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	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	0.0	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									

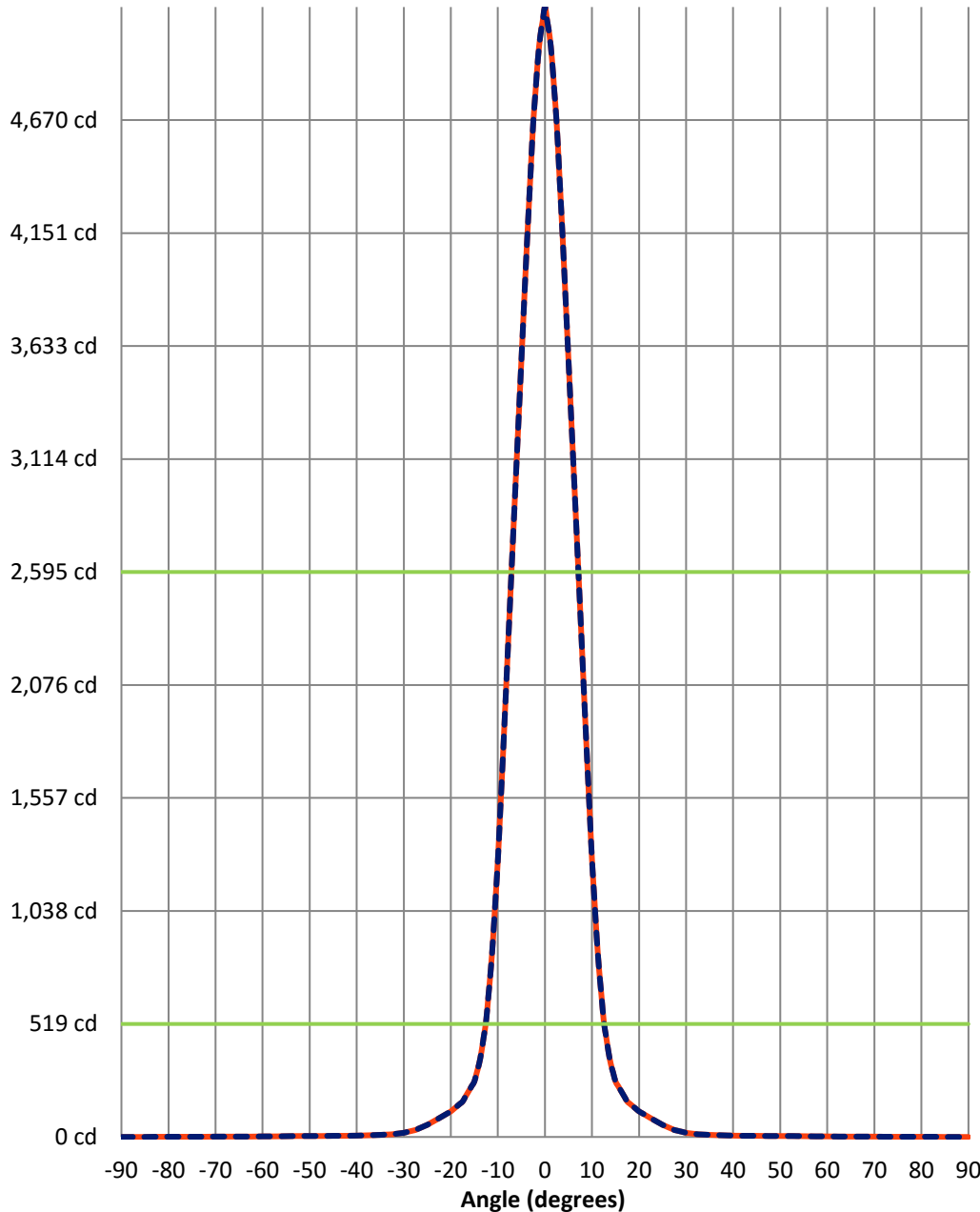
REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3590-S-WT-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3590-S-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.2°  
 V Angle: 14.2°  
 Lumens: 168.4  
 Efficiency: 41.5%

**Field:**  
 H Angle: 25.2°  
 V Angle: 25.2°  
 Lumens: 310.4  
 Efficiency: 76.5%

**Spill:**  
 Lumens: 95.4  
 Efficiency: 23.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1
57.5°	0	0	0	0	0	0	0	0	0	0	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	1	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	1	1	1	1	1
30°	0	0	0	0	0	0	1	1	1	1	1
28.75°	0	0	0	0	0	0	1	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	1	1	1	1	1
20°	0	0	0	0	0	0	1	1	1	1	1
18.75°	0	0	0	0	0	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	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	1
-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	1	1	1	1	1
-18.75°	0	0	0	0	0	0	1	1	1	1	1
-20°	0	0	0	0	0	0	1	1	1	1	1
-21.25°	0	0	0	0	0	0	1	1	1	1	1





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	1	1	1	1	1
-31.25°	0	0	0	0	0	0	1	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	1	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	1	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1
73.75°	0	0	0	0	0	0	0	0	1	1	1
72.5°	0	0	0	0	0	0	0	1	1	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	0	0	1	1	1	1	1	1
68.75°	0	0	0	0	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	0	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	2
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	1	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	1	2	2



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1	2	2	2
32.5°	1	1	1	1	1	1	1	1	2	2	2
31.25°	1	1	1	1	1	1	1	1	2	2	2
30°	1	1	1	1	1	1	1	1	2	2	2
28.75°	1	1	1	1	1	1	1	2	2	2	2
27.5°	1	1	1	1	1	1	1	2	2	2	2
26.25°	1	1	1	1	1	1	1	2	2	2	2
25°	1	1	1	1	1	1	1	2	2	2	2
23.75°	1	1	1	1	1	1	1	2	2	2	2
22.5°	1	1	1	1	1	1	2	2	2	2	2
21.25°	1	1	1	1	1	1	2	2	2	2	2
20°	1	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	1	2	2	2	2	2
17.5°	1	1	1	1	1	1	2	2	2	2	2
16.25°	1	1	1	1	1	1	2	2	2	2	2
15°	1	1	1	1	1	1	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	1	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	1	2	2	2	2	2
-16.25°	1	1	1	1	1	1	2	2	2	2	2
-17.5°	1	1	1	1	1	1	2	2	2	2	2
-18.75°	1	1	1	1	1	1	2	2	2	2	2
-20°	1	1	1	1	1	1	2	2	2	2	2
-21.25°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	2	2	2	2	2
-23.75°	1	1	1	1	1	1	1	2	2	2	2
-25°	1	1	1	1	1	1	1	2	2	2	2
-26.25°	1	1	1	1	1	1	1	2	2	2	2
-27.5°	1	1	1	1	1	1	1	2	2	2	2
-28.75°	1	1	1	1	1	1	1	2	2	2	2
-30°	1	1	1	1	1	1	1	1	2	2	2
-31.25°	1	1	1	1	1	1	1	1	2	2	2
-32.5°	1	1	1	1	1	1	1	1	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	1	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	1	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-41.25°	1	1	1	1	1	1	1	1	1	1	2
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	0	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	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	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	1	1	1
-75°	0	0	0	0	0	0	0	0	0	0	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1
78.75°	0	0	0	0	0	0	1	1	1	1	1
77.5°	0	0	0	1	1	1	1	1	1	1	1
76.25°	0	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	1	2	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	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	2	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	2
40°	2	2	2	2	2	2	2	2	2	2	2
38.75°	2	2	2	2	2	2	2	2	2	2	3
37.5°	2	2	2	2	2	2	2	2	2	3	3
36.25°	2	2	2	2	2	2	2	2	2	3	3
35°	2	2	2	2	2	2	2	2	3	3	3



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	2	2	2	2	2	2	2	2	3	3	3
32.5°	2	2	2	2	2	2	2	3	3	3	3
31.25°	2	2	2	2	2	2	2	3	3	3	3
30°	2	2	2	2	2	2	3	3	3	3	3
28.75°	2	2	2	2	2	2	3	3	3	3	3
27.5°	2	2	2	2	2	2	3	3	3	3	3
26.25°	2	2	2	2	2	3	3	3	3	3	4
25°	2	2	2	2	2	3	3	3	3	3	4
23.75°	2	2	2	2	2	3	3	3	3	3	4
22.5°	2	2	2	2	3	3	3	3	3	4	4
21.25°	2	2	2	2	3	3	3	3	3	4	4
20°	2	2	2	2	3	3	3	3	3	4	4
18.75°	2	2	2	2	3	3	3	3	4	4	4
17.5°	2	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	4
11.25°	2	2	2	3	3	3	3	4	4	4	4
10°	2	2	2	3	3	3	3	4	4	4	4
8.75°	2	2	2	3	3	3	3	4	4	4	4
7.5°	2	2	2	3	3	3	3	4	4	4	4
6.25°	2	2	3	3	3	3	3	4	4	4	4
5°	2	2	3	3	3	3	3	4	4	4	4
3.75°	2	2	3	3	3	3	3	4	4	4	4
2.5°	2	2	3	3	3	3	3	4	4	4	4
1.25°	2	2	3	3	3	3	3	4	4	4	4
0°	2	2	3	3	3	3	4	4	4	4	4
-1.25°	2	2	3	3	3	3	3	4	4	4	4
-2.5°	2	2	3	3	3	3	3	4	4	4	4
-3.75°	2	2	3	3	3	3	3	4	4	4	4
-5°	2	2	3	3	3	3	3	4	4	4	4
-6.25°	2	2	3	3	3	3	3	4	4	4	4
-7.5°	2	2	2	3	3	3	3	4	4	4	4
-8.75°	2	2	2	3	3	3	3	4	4	4	4
-10°	2	2	2	3	3	3	3	4	4	4	4
-11.25°	2	2	2	3	3	3	3	4	4	4	4
-12.5°	2	2	2	3	3	3	3	4	4	4	4
-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°	2	2	2	2	3	3	3	3	4	4	4
-18.75°	2	2	2	2	3	3	3	3	4	4	4
-20°	2	2	2	2	3	3	3	3	3	4	4
-21.25°	2	2	2	2	3	3	3	3	3	4	4





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	2	2	2	2	3	3	3	3	3	4	4
-23.75°	2	2	2	2	2	3	3	3	3	3	4
-25°	2	2	2	2	2	3	3	3	3	3	4
-26.25°	2	2	2	2	2	3	3	3	3	3	4
-27.5°	2	2	2	2	2	2	3	3	3	3	3
-28.75°	2	2	2	2	2	2	3	3	3	3	3
-30°	2	2	2	2	2	2	3	3	3	3	3
-31.25°	2	2	2	2	2	2	2	3	3	3	3
-32.5°	2	2	2	2	2	2	2	3	3	3	3
-33.75°	2	2	2	2	2	2	2	2	3	3	3
-35°	2	2	2	2	2	2	2	2	3	3	3
-36.25°	2	2	2	2	2	2	2	2	2	3	3
-37.5°	2	2	2	2	2	2	2	2	2	3	3
-38.75°	2	2	2	2	2	2	2	2	2	2	3
-40°	2	2	2	2	2	2	2	2	2	2	2
-41.25°	2	2	2	2	2	2	2	2	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	1	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	1	2	2	2	2	2	2	2
-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	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	3	3
50°	2	2	2	2	2	2	2	2	3	3	3
48.75°	2	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	4
37.5°	3	3	3	3	3	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	3	3	4	4	4	4	4	4	4	4	4
32.5°	3	3	4	4	4	4	4	4	4	4	4
31.25°	3	4	4	4	4	4	4	4	4	4	5
30°	3	4	4	4	4	4	4	4	4	5	5
28.75°	4	4	4	4	4	4	4	4	5	5	5
27.5°	4	4	4	4	4	4	4	4	5	5	5
26.25°	4	4	4	4	4	4	4	5	5	5	5
25°	4	4	4	4	4	4	4	5	5	5	5
23.75°	4	4	4	4	4	4	5	5	5	5	5
22.5°	4	4	4	4	4	4	5	5	5	5	5
21.25°	4	4	4	4	4	5	5	5	5	5	6
20°	4	4	4	4	4	5	5	5	5	5	6
18.75°	4	4	4	4	5	5	5	5	5	6	6
17.5°	4	4	4	4	5	5	5	5	5	6	6
16.25°	4	4	4	4	5	5	5	5	6	6	7
15°	4	4	4	5	5	5	5	5	6	6	7
13.75°	4	4	4	5	5	5	5	5	6	6	7
12.5°	4	4	4	5	5	5	5	6	6	7	7
11.25°	4	4	4	5	5	5	5	6	6	7	8
10°	4	4	4	5	5	5	5	6	6	7	8
8.75°	4	4	5	5	5	5	5	6	6	7	8
7.5°	4	4	5	5	5	5	5	6	7	7	8
6.25°	4	4	5	5	5	5	6	6	7	7	8
5°	4	4	5	5	5	5	6	6	7	8	8
3.75°	4	4	5	5	5	5	6	6	7	8	9
2.5°	4	4	5	5	5	5	6	6	7	8	9
1.25°	4	4	5	5	5	5	6	6	7	8	9
0°	4	4	5	5	5	5	6	6	7	8	9
-1.25°	4	4	5	5	5	5	6	6	7	8	9
-2.5°	4	4	5	5	5	5	6	6	7	8	9
-3.75°	4	4	5	5	5	5	6	6	7	8	9
-5°	4	4	5	5	5	5	6	6	7	8	8
-6.25°	4	4	5	5	5	5	6	6	7	7	8
-7.5°	4	4	5	5	5	5	5	6	7	7	8
-8.75°	4	4	5	5	5	5	5	6	6	7	8
-10°	4	4	4	5	5	5	5	6	6	7	8
-11.25°	4	4	4	5	5	5	5	6	6	7	8
-12.5°	4	4	4	5	5	5	5	6	6	7	7
-13.75°	4	4	4	5	5	5	5	5	6	6	7
-15°	4	4	4	5	5	5	5	5	6	6	7
-16.25°	4	4	4	4	5	5	5	5	6	6	7
-17.5°	4	4	4	4	5	5	5	5	5	6	6
-18.75°	4	4	4	4	5	5	5	5	5	6	6
-20°	4	4	4	4	4	5	5	5	5	5	6
-21.25°	4	4	4	4	4	5	5	5	5	5	6



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	4	4	4	5	5	5	5	5
-23.75°	4	4	4	4	4	4	5	5	5	5	5
-25°	4	4	4	4	4	4	4	5	5	5	5
-26.25°	4	4	4	4	4	4	4	5	5	5	5
-27.5°	4	4	4	4	4	4	4	4	5	5	5
-28.75°	4	4	4	4	4	4	4	4	5	5	5
-30°	3	4	4	4	4	4	4	4	4	5	5
-31.25°	3	4	4	4	4	4	4	4	4	4	5
-32.5°	3	3	4	4	4	4	4	4	4	4	4
-33.75°	3	3	4	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	3	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	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°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	3	3	3
-51.25°	2	2	2	2	2	2	2	2	2	3	3
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	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	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	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	1	1	1	1	1	1
-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	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	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	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	2	2	2	2	2	2	2
57.5°	2	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	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	5	5
40°	4	4	4	4	4	4	4	5	5	5	5
38.75°	4	4	4	4	4	5	5	5	5	5	5
37.5°	4	4	4	4	5	5	5	5	5	5	5
36.25°	4	4	4	5	5	5	5	5	5	5	5
35°	4	4	5	5	5	5	5	5	5	6	6



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	4	5	5	5	5	5	5	5	6	6	6
32.5°	5	5	5	5	5	5	6	6	6	6	7
31.25°	5	5	5	5	5	6	6	6	7	7	8
30°	5	5	5	5	6	6	6	7	7	8	8
28.75°	5	5	5	6	6	6	7	7	8	8	9
27.5°	5	5	6	6	6	7	7	8	9	9	10
26.25°	5	5	6	6	7	7	8	9	9	10	11
25°	5	6	6	7	7	8	9	9	10	11	12
23.75°	6	6	6	7	8	8	9	10	11	12	13
22.5°	6	6	7	8	8	9	10	11	12	13	15
21.25°	6	7	7	8	9	9	10	11	13	15	18
20°	6	7	8	8	9	10	11	12	15	17	20
18.75°	7	7	8	9	10	11	12	14	17	20	24
17.5°	7	8	9	9	10	11	13	16	19	23	28
16.25°	7	8	9	10	11	12	15	18	22	27	32
15°	8	8	9	10	11	13	16	19	25	30	38
13.75°	8	9	10	11	12	15	18	22	28	35	44
12.5°	8	9	10	11	13	16	19	25	31	40	50
11.25°	8	9	10	12	14	17	21	27	34	45	55
10°	9	10	11	12	15	18	24	30	39	49	61
8.75°	9	10	11	13	16	19	26	32	42	54	67
7.5°	9	10	11	13	17	21	27	35	46	58	72
6.25°	9	10	12	14	17	22	29	37	49	62	76
5°	9	11	12	15	18	24	30	40	51	65	80
3.75°	9	11	12	15	19	24	31	42	53	67	82
2.5°	10	11	12	15	19	25	32	43	55	69	84
1.25°	10	11	12	16	19	25	32	44	55	70	86
0°	10	11	12	16	19	26	32	44	56	71	86
-1.25°	10	11	12	16	19	25	32	44	55	70	86
-2.5°	10	11	12	15	19	25	32	43	55	69	84
-3.75°	9	11	12	15	19	24	31	42	53	67	82
-5°	9	11	12	15	18	24	30	40	51	65	80
-6.25°	9	10	12	14	17	22	29	37	49	62	76
-7.5°	9	10	11	13	17	21	27	35	46	58	72
-8.75°	9	10	11	13	16	19	26	32	42	54	67
-10°	9	10	11	12	15	18	24	30	39	49	61
-11.25°	8	9	10	12	14	17	21	27	34	45	55
-12.5°	8	9	10	11	13	16	19	25	31	40	50
-13.75°	8	9	10	11	12	15	18	22	28	35	44
-15°	8	8	9	10	11	13	16	19	25	30	38
-16.25°	7	8	9	10	11	12	15	18	22	27	32
-17.5°	7	8	9	9	10	11	13	16	19	23	28
-18.75°	7	7	8	9	10	11	12	14	17	20	24
-20°	6	7	8	8	9	10	11	12	15	17	20
-21.25°	6	7	7	8	9	9	10	11	13	15	18





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	6	6	7	8	8	9	10	11	12	13	15
-23.75°	6	6	6	7	8	8	9	10	11	12	13
-25°	5	6	6	7	7	8	9	9	10	11	12
-26.25°	5	5	6	6	7	7	8	9	9	10	11
-27.5°	5	5	6	6	6	7	7	8	9	9	10
-28.75°	5	5	5	6	6	6	7	7	8	8	9
-30°	5	5	5	5	6	6	6	7	7	8	8
-31.25°	5	5	5	5	5	6	6	6	7	7	8
-32.5°	5	5	5	5	5	5	6	6	6	6	7
-33.75°	4	5	5	5	5	5	5	5	6	6	6
-35°	4	4	5	5	5	5	5	5	5	6	6
-36.25°	4	4	4	5	5	5	5	5	5	5	5
-37.5°	4	4	4	4	5	5	5	5	5	5	5
-38.75°	4	4	4	4	4	5	5	5	5	5	5
-40°	4	4	4	4	4	4	4	5	5	5	5
-41.25°	4	4	4	4	4	4	4	4	4	5	5
-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°	3	4	4	4	4	4	4	4	4	4	4
-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°	2	2	2	2	2	2	2	2	2	2	3
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	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	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	5
45°	4	4	4	4	4	5	5	5	5	5	5
43.75°	4	4	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	5
40°	5	5	5	5	5	5	5	6	6	6	6
38.75°	5	5	5	5	6	6	6	6	6	6	6
37.5°	5	5	6	6	6	6	6	7	7	7	7
36.25°	6	6	6	6	7	7	7	7	8	8	8
35°	6	6	7	7	7	8	8	8	8	9	9



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	7	7	7	8	8	8	9	9	9	10	10
32.5°	7	8	8	9	9	9	10	10	10	11	11
31.25°	8	8	9	9	10	10	11	11	12	12	13
30°	9	9	10	10	11	11	12	13	14	15	16
28.75°	9	10	11	11	12	13	15	16	17	18	19
27.5°	10	11	12	13	15	16	18	19	21	24	26
26.25°	11	12	14	16	18	19	22	25	27	30	32
25°	13	15	17	19	22	25	28	31	34	39	42
23.75°	15	17	20	23	27	30	35	40	45	49	54
22.5°	18	20	24	28	32	38	44	50	55	61	67
21.25°	21	25	29	34	41	48	54	62	69	75	81
20°	25	30	35	43	50	58	66	74	82	89	95
18.75°	29	35	44	52	60	70	79	87	95	103	109
17.5°	34	43	52	61	71	81	91	100	108	116	126
16.25°	41	50	60	71	82	93	103	112	123	135	146
15°	48	58	70	81	93	104	114	128	141	154	169
13.75°	54	66	79	91	103	114	129	144	159	183	208
12.5°	62	74	87	100	112	128	144	160	190	219	246
11.25°	69	82	95	108	123	141	159	190	223	254	311
10°	75	89	103	116	135	154	183	219	254	319	411
8.75°	81	95	109	126	146	169	208	246	311	411	560
7.5°	86	101	115	135	156	191	231	287	384	537	760
6.25°	91	106	122	143	167	209	252	332	468	686	996
5°	95	110	128	150	181	225	282	389	570	853	1246
3.75°	98	113	133	155	193	238	309	436	666	1021	1485
2.5°	100	115	137	159	202	247	330	488	756	1158	1668
1.25°	101	117	139	162	207	253	349	521	812	1243	1786
0°	102	117	140	162	208	255	355	533	830	1272	1828
-1.25°	101	117	139	162	207	253	349	521	812	1243	1786
-2.5°	100	115	137	159	202	247	330	488	756	1158	1668
-3.75°	98	113	133	155	193	238	309	436	666	1021	1485
-5°	95	110	128	150	181	225	282	389	570	853	1246
-6.25°	91	106	122	143	167	209	252	332	468	686	996
-7.5°	86	101	115	135	156	191	231	287	384	537	760
-8.75°	81	95	109	126	146	169	208	246	311	411	560
-10°	75	89	103	116	135	154	183	219	254	319	411
-11.25°	69	82	95	108	123	141	159	190	223	254	311
-12.5°	62	74	87	100	112	128	144	160	190	219	246
-13.75°	54	66	79	91	103	114	129	144	159	183	208
-15°	48	58	70	81	93	104	114	128	141	154	169
-16.25°	41	50	60	71	82	93	103	112	123	135	146
-17.5°	34	43	52	61	71	81	91	100	108	116	126
-18.75°	29	35	44	52	60	70	79	87	95	103	109
-20°	25	30	35	43	50	58	66	74	82	89	95
-21.25°	21	25	29	34	41	48	54	62	69	75	81



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	18	20	24	28	32	38	44	50	55	61	67
-23.75°	15	17	20	23	27	30	35	40	45	49	54
-25°	13	15	17	19	22	25	28	31	34	39	42
-26.25°	11	12	14	16	18	19	22	25	27	30	32
-27.5°	10	11	12	13	15	16	18	19	21	24	26
-28.75°	9	10	11	11	12	13	15	16	17	18	19
-30°	9	9	10	10	11	11	12	13	14	15	16
-31.25°	8	8	9	9	10	10	11	11	12	12	13
-32.5°	7	8	8	9	9	9	10	10	10	11	11
-33.75°	7	7	7	8	8	8	9	9	9	10	10
-35°	6	6	7	7	7	8	8	8	8	9	9
-36.25°	6	6	6	6	7	7	7	7	8	8	8
-37.5°	5	5	6	6	6	6	6	7	7	7	7
-38.75°	5	5	5	5	6	6	6	6	6	6	6
-40°	5	5	5	5	5	5	5	6	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	4	4	5	5	5	5	5	5	5	5	5
-45°	4	4	4	4	4	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	4	4	5
-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°	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°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	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	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°	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	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	6	6	6	6	6	6	6	6	6	6
40°	6	6	6	6	6	6	6	6	6	6	6
38.75°	7	7	7	7	7	7	7	7	7	7	7
37.5°	7	7	8	8	8	8	8	8	8	8	8
36.25°	8	8	8	9	9	9	9	9	9	9	8
35°	9	9	9	9	10	10	10	10	10	9	9



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	10	10	11	11	11	11	11	11	11	11	11
32.5°	11	12	12	12	12	12	12	12	12	12	12
31.25°	13	14	15	15	15	16	16	16	15	15	15
30°	17	17	18	19	19	19	19	19	19	19	18
28.75°	21	22	24	24	25	25	26	25	25	24	24
27.5°	27	29	30	31	32	32	32	32	32	31	30
26.25°	35	37	40	42	43	44	44	44	43	42	40
25°	46	49	51	53	55	55	56	55	55	53	51
23.75°	58	62	65	67	69	70	71	70	69	67	65
22.5°	72	76	80	82	84	86	86	86	84	82	80
21.25°	86	91	95	98	100	101	102	101	100	98	95
20°	101	106	110	113	115	117	117	117	115	113	110
18.75°	115	122	128	133	137	139	140	139	137	133	128
17.5°	135	143	150	155	159	162	162	162	159	155	150
16.25°	156	167	181	193	202	207	208	207	202	193	181
15°	191	209	225	238	247	253	255	253	247	238	225
13.75°	231	252	282	309	330	349	355	349	330	309	282
12.5°	287	332	389	436	488	521	533	521	488	436	389
11.25°	384	468	570	666	756	812	830	812	756	666	570
10°	537	686	853	1021	1158	1243	1272	1243	1158	1021	853
8.75°	760	996	1246	1485	1668	1786	1828	1786	1668	1485	1246
7.5°	1051	1381	1708	2001	2225	2367	2416	2367	2225	2001	1708
6.25°	1381	1790	2180	2517	2776	2941	2997	2941	2776	2517	2180
5°	1708	2180	2621	2999	3300	3499	3569	3499	3300	2999	2621
3.75°	2001	2517	2999	3432	3796	4050	4140	4050	3796	3432	2999
2.5°	2225	2776	3300	3796	4235	4547	4655	4547	4235	3796	3300
1.25°	2367	2941	3499	4050	4547	4894	5021	4894	4547	4050	3499
0°	2416	2997	3569	4140	4655	5021	5189	5021	4655	4140	3569
-1.25°	2367	2941	3499	4050	4547	4894	5021	4894	4547	4050	3499
-2.5°	2225	2776	3300	3796	4235	4547	4655	4547	4235	3796	3300
-3.75°	2001	2517	2999	3432	3796	4050	4140	4050	3796	3432	2999
-5°	1708	2180	2621	2999	3300	3499	3569	3499	3300	2999	2621
-6.25°	1381	1790	2180	2517	2776	2941	2997	2941	2776	2517	2180
-7.5°	1051	1381	1708	2001	2225	2367	2416	2367	2225	2001	1708
-8.75°	760	996	1246	1485	1668	1786	1828	1786	1668	1485	1246
-10°	537	686	853	1021	1158	1243	1272	1243	1158	1021	853
-11.25°	384	468	570	666	756	812	830	812	756	666	570
-12.5°	287	332	389	436	488	521	533	521	488	436	389
-13.75°	231	252	282	309	330	349	355	349	330	309	282
-15°	191	209	225	238	247	253	255	253	247	238	225
-16.25°	156	167	181	193	202	207	208	207	202	193	181
-17.5°	135	143	150	155	159	162	162	162	159	155	150
-18.75°	115	122	128	133	137	139	140	139	137	133	128
-20°	101	106	110	113	115	117	117	117	115	113	110
-21.25°	86	91	95	98	100	101	102	101	100	98	95





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	72	76	80	82	84	86	86	86	84	82	80
-23.75°	58	62	65	67	69	70	71	70	69	67	65
-25°	46	49	51	53	55	55	56	55	55	53	51
-26.25°	35	37	40	42	43	44	44	44	43	42	40
-27.5°	27	29	30	31	32	32	32	32	32	31	30
-28.75°	21	22	24	24	25	25	26	25	25	24	24
-30°	17	17	18	19	19	19	19	19	19	19	18
-31.25°	13	14	15	15	15	16	16	16	15	15	15
-32.5°	11	12	12	12	12	12	12	12	12	12	12
-33.75°	10	10	11	11	11	11	11	11	11	11	11
-35°	9	9	9	9	10	10	10	10	10	9	9
-36.25°	8	8	8	9	9	9	9	9	9	9	8
-37.5°	7	7	8	8	8	8	8	8	8	8	8
-38.75°	7	7	7	7	7	7	7	7	7	7	7
-40°	6	6	6	6	6	6	6	6	6	6	6
-41.25°	5	6	6	6	6	6	6	6	6	6	6
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-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°	5	5	5	5	5	5	5	5	5	5	5
-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°	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°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	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°	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°	5	5	5	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	4	4	4
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	6	5	5	5	5	5	5	5	5	5	5
40°	6	6	6	6	6	6	5	5	5	5	5
38.75°	7	7	6	6	6	6	6	6	6	5	5
37.5°	7	7	7	7	7	7	6	6	6	6	6
36.25°	8	8	8	8	8	7	7	7	7	6	6
35°	9	9	9	9	8	8	8	8	7	7	7



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	10	10	10	10	9	9	9	8	8	8	7
32.5°	12	11	11	11	10	10	10	9	9	9	8
31.25°	14	13	13	12	12	11	11	10	10	9	9
30°	17	17	16	15	14	13	12	11	11	10	10
28.75°	22	21	19	18	17	16	15	13	12	11	11
27.5°	29	27	26	24	21	19	18	16	15	13	12
26.25°	37	35	32	30	27	25	22	19	18	16	14
25°	49	46	42	39	34	31	28	25	22	19	17
23.75°	62	58	54	49	45	40	35	30	27	23	20
22.5°	76	72	67	61	55	50	44	38	32	28	24
21.25°	91	86	81	75	69	62	54	48	41	34	29
20°	106	101	95	89	82	74	66	58	50	43	35
18.75°	122	115	109	103	95	87	79	70	60	52	44
17.5°	143	135	126	116	108	100	91	81	71	61	52
16.25°	167	156	146	135	123	112	103	93	82	71	60
15°	209	191	169	154	141	128	114	104	93	81	70
13.75°	252	231	208	183	159	144	129	114	103	91	79
12.5°	332	287	246	219	190	160	144	128	112	100	87
11.25°	468	384	311	254	223	190	159	141	123	108	95
10°	686	537	411	319	254	219	183	154	135	116	103
8.75°	996	760	560	411	311	246	208	169	146	126	109
7.5°	1381	1051	760	537	384	287	231	191	156	135	115
6.25°	1790	1381	996	686	468	332	252	209	167	143	122
5°	2180	1708	1246	853	570	389	282	225	181	150	128
3.75°	2517	2001	1485	1021	666	436	309	238	193	155	133
2.5°	2776	2225	1668	1158	756	488	330	247	202	159	137
1.25°	2941	2367	1786	1243	812	521	349	253	207	162	139
0°	2997	2416	1828	1272	830	533	355	255	208	162	140
-1.25°	2941	2367	1786	1243	812	521	349	253	207	162	139
-2.5°	2776	2225	1668	1158	756	488	330	247	202	159	137
-3.75°	2517	2001	1485	1021	666	436	309	238	193	155	133
-5°	2180	1708	1246	853	570	389	282	225	181	150	128
-6.25°	1790	1381	996	686	468	332	252	209	167	143	122
-7.5°	1381	1051	760	537	384	287	231	191	156	135	115
-8.75°	996	760	560	411	311	246	208	169	146	126	109
-10°	686	537	411	319	254	219	183	154	135	116	103
-11.25°	468	384	311	254	223	190	159	141	123	108	95
-12.5°	332	287	246	219	190	160	144	128	112	100	87
-13.75°	252	231	208	183	159	144	129	114	103	91	79
-15°	209	191	169	154	141	128	114	104	93	81	70
-16.25°	167	156	146	135	123	112	103	93	82	71	60
-17.5°	143	135	126	116	108	100	91	81	71	61	52
-18.75°	122	115	109	103	95	87	79	70	60	52	44
-20°	106	101	95	89	82	74	66	58	50	43	35
-21.25°	91	86	81	75	69	62	54	48	41	34	29



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	76	72	67	61	55	50	44	38	32	28	24
-23.75°	62	58	54	49	45	40	35	30	27	23	20
-25°	49	46	42	39	34	31	28	25	22	19	17
-26.25°	37	35	32	30	27	25	22	19	18	16	14
-27.5°	29	27	26	24	21	19	18	16	15	13	12
-28.75°	22	21	19	18	17	16	15	13	12	11	11
-30°	17	17	16	15	14	13	12	11	11	10	10
-31.25°	14	13	13	12	12	11	11	10	10	9	9
-32.5°	12	11	11	11	10	10	10	9	9	9	8
-33.75°	10	10	10	10	9	9	9	8	8	8	7
-35°	9	9	9	9	8	8	8	8	7	7	7
-36.25°	8	8	8	8	8	7	7	7	7	6	6
-37.5°	7	7	7	7	7	7	6	6	6	6	6
-38.75°	7	7	6	6	6	6	6	6	6	5	5
-40°	6	6	6	6	6	6	5	5	5	5	5
-41.25°	6	5	5	5	5	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	4	4	4
-46.25°	5	5	5	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	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	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	1	1	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
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°	4	4	4	4	4	4	4	4	4	4	3
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°	5	5	4	4	4	4	4	4	4	4	4
41.25°	5	5	5	5	4	4	4	4	4	4	4
40°	5	5	5	5	5	5	4	4	4	4	4
38.75°	5	5	5	5	5	5	5	5	4	4	4
37.5°	5	5	5	5	5	5	5	5	5	4	4
36.25°	6	6	5	5	5	5	5	5	5	5	4
35°	6	6	6	6	5	5	5	5	5	5	5



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	7	7	6	6	6	5	5	5	5	5	5
32.5°	8	7	7	6	6	6	6	5	5	5	5
31.25°	8	8	8	7	7	6	6	6	5	5	5
30°	9	9	8	8	7	7	6	6	6	5	5
28.75°	10	9	9	8	8	7	7	6	6	6	5
27.5°	11	10	10	9	9	8	7	7	6	6	6
26.25°	12	11	11	10	9	9	8	7	7	6	6
25°	15	13	12	11	10	9	9	8	7	7	6
23.75°	17	15	13	12	11	10	9	8	8	7	6
22.5°	20	18	15	13	12	11	10	9	8	8	7
21.25°	25	21	18	15	13	11	10	9	9	8	7
20°	30	25	20	17	15	12	11	10	9	8	8
18.75°	35	29	24	20	17	14	12	11	10	9	8
17.5°	43	34	28	23	19	16	13	11	10	9	9
16.25°	50	41	32	27	22	18	15	12	11	10	9
15°	58	48	38	30	25	19	16	13	11	10	9
13.75°	66	54	44	35	28	22	18	15	12	11	10
12.5°	74	62	50	40	31	25	19	16	13	11	10
11.25°	82	69	55	45	34	27	21	17	14	12	10
10°	89	75	61	49	39	30	24	18	15	12	11
8.75°	95	81	67	54	42	32	26	19	16	13	11
7.5°	101	86	72	58	46	35	27	21	17	13	11
6.25°	106	91	76	62	49	37	29	22	17	14	12
5°	110	95	80	65	51	40	30	24	18	15	12
3.75°	113	98	82	67	53	42	31	24	19	15	12
2.5°	115	100	84	69	55	43	32	25	19	15	12
1.25°	117	101	86	70	55	44	32	25	19	16	12
0°	117	102	86	71	56	44	32	26	19	16	12
-1.25°	117	101	86	70	55	44	32	25	19	16	12
-2.5°	115	100	84	69	55	43	32	25	19	15	12
-3.75°	113	98	82	67	53	42	31	24	19	15	12
-5°	110	95	80	65	51	40	30	24	18	15	12
-6.25°	106	91	76	62	49	37	29	22	17	14	12
-7.5°	101	86	72	58	46	35	27	21	17	13	11
-8.75°	95	81	67	54	42	32	26	19	16	13	11
-10°	89	75	61	49	39	30	24	18	15	12	11
-11.25°	82	69	55	45	34	27	21	17	14	12	10
-12.5°	74	62	50	40	31	25	19	16	13	11	10
-13.75°	66	54	44	35	28	22	18	15	12	11	10
-15°	58	48	38	30	25	19	16	13	11	10	9
-16.25°	50	41	32	27	22	18	15	12	11	10	9
-17.5°	43	34	28	23	19	16	13	11	10	9	9
-18.75°	35	29	24	20	17	14	12	11	10	9	8
-20°	30	25	20	17	15	12	11	10	9	8	8
-21.25°	25	21	18	15	13	11	10	9	9	8	7





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	20	18	15	13	12	11	10	9	8	8	7
-23.75°	17	15	13	12	11	10	9	8	8	7	6
-25°	15	13	12	11	10	9	9	8	7	7	6
-26.25°	12	11	11	10	9	9	8	7	7	6	6
-27.5°	11	10	10	9	9	8	7	7	6	6	6
-28.75°	10	9	9	8	8	7	7	6	6	6	5
-30°	9	9	8	8	7	7	6	6	6	5	5
-31.25°	8	8	8	7	7	6	6	6	5	5	5
-32.5°	8	7	7	6	6	6	6	5	5	5	5
-33.75°	7	7	6	6	6	5	5	5	5	5	5
-35°	6	6	6	6	5	5	5	5	5	5	5
-36.25°	6	6	5	5	5	5	5	5	5	5	4
-37.5°	5	5	5	5	5	5	5	5	5	4	4
-38.75°	5	5	5	5	5	5	5	5	4	4	4
-40°	5	5	5	5	5	5	4	4	4	4	4
-41.25°	5	5	5	5	4	4	4	4	4	4	4
-42.5°	5	5	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	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	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	1	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	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	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°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	3	2	2	2	2	2	2	2
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°	4	4	4	4	4	4	3	3	3	3	3
40°	4	4	4	4	4	4	4	3	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	3	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	4	4	4	4	4	4	4	4	4	4
32.5°	5	5	4	4	4	4	4	4	4	4	4
31.25°	5	5	5	4	4	4	4	4	4	4	4
30°	5	5	5	5	4	4	4	4	4	4	4
28.75°	5	5	5	5	5	4	4	4	4	4	4
27.5°	5	5	5	5	5	4	4	4	4	4	4
26.25°	5	5	5	5	5	5	4	4	4	4	4
25°	6	5	5	5	5	5	4	4	4	4	4
23.75°	6	6	5	5	5	5	5	4	4	4	4
22.5°	6	6	5	5	5	5	5	4	4	4	4
21.25°	7	6	6	5	5	5	5	5	4	4	4
20°	7	6	6	5	5	5	5	5	4	4	4
18.75°	7	7	6	6	5	5	5	5	5	4	4
17.5°	8	7	6	6	5	5	5	5	5	4	4
16.25°	8	7	7	6	6	5	5	5	5	4	4
15°	8	8	7	6	6	5	5	5	5	5	4
13.75°	9	8	7	6	6	5	5	5	5	5	4
12.5°	9	8	7	7	6	6	5	5	5	5	4
11.25°	9	8	8	7	6	6	5	5	5	5	4
10°	10	9	8	7	6	6	5	5	5	5	4
8.75°	10	9	8	7	6	6	5	5	5	5	5
7.5°	10	9	8	7	7	6	5	5	5	5	5
6.25°	10	9	8	7	7	6	6	5	5	5	5
5°	11	9	8	8	7	6	6	5	5	5	5
3.75°	11	9	9	8	7	6	6	5	5	5	5
2.5°	11	10	9	8	7	6	6	5	5	5	5
1.25°	11	10	9	8	7	6	6	5	5	5	5
0°	11	10	9	8	7	6	6	5	5	5	5
-1.25°	11	10	9	8	7	6	6	5	5	5	5
-2.5°	11	10	9	8	7	6	6	5	5	5	5
-3.75°	11	9	9	8	7	6	6	5	5	5	5
-5°	11	9	8	8	7	6	6	5	5	5	5
-6.25°	10	9	8	7	7	6	6	5	5	5	5
-7.5°	10	9	8	7	7	6	5	5	5	5	5
-8.75°	10	9	8	7	6	6	5	5	5	5	5
-10°	10	9	8	7	6	6	5	5	5	5	4
-11.25°	9	8	8	7	6	6	5	5	5	5	4
-12.5°	9	8	7	7	6	6	5	5	5	5	4
-13.75°	9	8	7	6	6	5	5	5	5	5	4
-15°	8	8	7	6	6	5	5	5	5	5	4
-16.25°	8	7	7	6	6	5	5	5	5	4	4
-17.5°	8	7	6	6	5	5	5	5	5	4	4
-18.75°	7	7	6	6	5	5	5	5	5	4	4
-20°	7	6	6	5	5	5	5	5	4	4	4
-21.25°	7	6	6	5	5	5	5	5	4	4	4



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	6	6	5	5	5	5	5	4	4	4	4
-23.75°	6	6	5	5	5	5	5	4	4	4	4
-25°	6	5	5	5	5	5	4	4	4	4	4
-26.25°	5	5	5	5	5	5	4	4	4	4	4
-27.5°	5	5	5	5	5	4	4	4	4	4	4
-28.75°	5	5	5	5	5	4	4	4	4	4	4
-30°	5	5	5	5	4	4	4	4	4	4	4
-31.25°	5	5	5	4	4	4	4	4	4	4	4
-32.5°	5	5	4	4	4	4	4	4	4	4	4
-33.75°	5	4	4	4	4	4	4	4	4	4	4
-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	3	3	3
-38.75°	4	4	4	4	4	4	4	4	3	3	3
-40°	4	4	4	4	4	4	4	3	3	3	3
-41.25°	4	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	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	2	1	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	3	2	2	2	2	2	2	2	2	2	2
41.25°	3	2	2	2	2	2	2	2	2	2	2
40°	3	3	2	2	2	2	2	2	2	2	2
38.75°	3	3	3	2	2	2	2	2	2	2	2
37.5°	3	3	3	3	2	2	2	2	2	2	2
36.25°	3	3	3	3	2	2	2	2	2	2	2
35°	3	3	3	3	3	2	2	2	2	2	2



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	3	3	3	3	3	2	2	2	2	2	2
32.5°	3	3	3	3	3	3	2	2	2	2	2
31.25°	4	3	3	3	3	3	2	2	2	2	2
30°	4	3	3	3	3	3	3	2	2	2	2
28.75°	4	4	3	3	3	3	3	2	2	2	2
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°	4	4	4	4	3	3	3	3	3	2	2
20°	4	4	4	4	3	3	3	3	3	2	2
18.75°	4	4	4	4	4	3	3	3	3	2	2
17.5°	4	4	4	4	4	3	3	3	3	2	2
16.25°	4	4	4	4	4	3	3	3	3	3	2
15°	4	4	4	4	4	3	3	3	3	3	2
13.75°	4	4	4	4	4	4	3	3	3	3	2
12.5°	4	4	4	4	4	4	3	3	3	3	2
11.25°	4	4	4	4	4	4	3	3	3	3	2
10°	4	4	4	4	4	4	3	3	3	3	2
8.75°	4	4	4	4	4	4	3	3	3	3	2
7.5°	4	4	4	4	4	4	3	3	3	3	2
6.25°	4	4	4	4	4	4	3	3	3	3	3
5°	4	4	4	4	4	4	3	3	3	3	3
3.75°	4	4	4	4	4	4	3	3	3	3	3
2.5°	4	4	4	4	4	4	3	3	3	3	3
1.25°	4	4	4	4	4	4	3	3	3	3	3
0°	4	4	4	4	4	4	4	3	3	3	3
-1.25°	4	4	4	4	4	4	3	3	3	3	3
-2.5°	4	4	4	4	4	4	3	3	3	3	3
-3.75°	4	4	4	4	4	4	3	3	3	3	3
-5°	4	4	4	4	4	4	3	3	3	3	3
-6.25°	4	4	4	4	4	4	3	3	3	3	3
-7.5°	4	4	4	4	4	4	3	3	3	3	2
-8.75°	4	4	4	4	4	4	3	3	3	3	2
-10°	4	4	4	4	4	4	3	3	3	3	2
-11.25°	4	4	4	4	4	4	3	3	3	3	2
-12.5°	4	4	4	4	4	4	3	3	3	3	2
-13.75°	4	4	4	4	4	4	3	3	3	3	2
-15°	4	4	4	4	4	3	3	3	3	3	2
-16.25°	4	4	4	4	4	3	3	3	3	3	2
-17.5°	4	4	4	4	4	3	3	3	3	2	2
-18.75°	4	4	4	4	4	3	3	3	3	2	2
-20°	4	4	4	4	3	3	3	3	3	2	2
-21.25°	4	4	4	4	3	3	3	3	3	2	2





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	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	2
-30°	4	3	3	3	3	3	3	2	2	2	2
-31.25°	4	3	3	3	3	3	2	2	2	2	2
-32.5°	3	3	3	3	3	3	2	2	2	2	2
-33.75°	3	3	3	3	3	2	2	2	2	2	2
-35°	3	3	3	3	3	2	2	2	2	2	2
-36.25°	3	3	3	3	2	2	2	2	2	2	2
-37.5°	3	3	3	3	2	2	2	2	2	2	2
-38.75°	3	3	3	2	2	2	2	2	2	2	2
-40°	3	3	2	2	2	2	2	2	2	2	2
-41.25°	3	2	2	2	2	2	2	2	2	2	2
-42.5°	3	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	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	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	2	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	0



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	1	1	1	1	1	1	0	0	0	0
-80°	1	1	1	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	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	0
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	2	1	1	1	1	1	1	1	1	1	1
45°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	2	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	1	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	1	1	1	1	1	1
31.25°	2	2	2	2	2	1	1	1	1	1	1
30°	2	2	2	2	2	1	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	1	1	1	1	1
23.75°	2	2	2	2	2	2	1	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	1	1	1	1
18.75°	2	2	2	2	2	2	2	1	1	1	1
17.5°	2	2	2	2	2	2	2	1	1	1	1
16.25°	2	2	2	2	2	2	2	1	1	1	1
15°	2	2	2	2	2	2	2	1	1	1	1
13.75°	2	2	2	2	2	2	2	2	1	1	1
12.5°	2	2	2	2	2	2	2	2	1	1	1
11.25°	2	2	2	2	2	2	2	2	1	1	1
10°	2	2	2	2	2	2	2	2	1	1	1
8.75°	2	2	2	2	2	2	2	2	1	1	1
7.5°	2	2	2	2	2	2	2	2	1	1	1
6.25°	2	2	2	2	2	2	2	2	1	1	1
5°	2	2	2	2	2	2	2	2	1	1	1
3.75°	2	2	2	2	2	2	2	2	1	1	1
2.5°	2	2	2	2	2	2	2	2	1	1	1
1.25°	2	2	2	2	2	2	2	2	1	1	1
0°	2	2	2	2	2	2	2	2	1	1	1
-1.25°	2	2	2	2	2	2	2	2	1	1	1
-2.5°	2	2	2	2	2	2	2	2	1	1	1
-3.75°	2	2	2	2	2	2	2	2	1	1	1
-5°	2	2	2	2	2	2	2	2	1	1	1
-6.25°	2	2	2	2	2	2	2	2	1	1	1
-7.5°	2	2	2	2	2	2	2	2	1	1	1
-8.75°	2	2	2	2	2	2	2	2	1	1	1
-10°	2	2	2	2	2	2	2	2	1	1	1
-11.25°	2	2	2	2	2	2	2	2	1	1	1
-12.5°	2	2	2	2	2	2	2	2	1	1	1
-13.75°	2	2	2	2	2	2	2	2	1	1	1
-15°	2	2	2	2	2	2	2	1	1	1	1
-16.25°	2	2	2	2	2	2	2	1	1	1	1
-17.5°	2	2	2	2	2	2	2	1	1	1	1
-18.75°	2	2	2	2	2	2	2	1	1	1	1
-20°	2	2	2	2	2	2	2	1	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	1	1	1	1	1
-25°	2	2	2	2	2	2	1	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	1	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	2	1	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	1	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	1	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	2	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	2	1	1	1	1	1	1	1	1	1
-45°	2	1	1	1	1	1	1	1	1	1	1
-46.25°	2	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	1	1	0	0	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	1	0	0	0	0	0
-73.75°	1	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-76.25°	1	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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	1	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	1	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	1	0	0	0	0
30°	1	1	1	1	1	1	1	0	0	0	0
28.75°	1	1	1	1	1	1	1	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	0	0	0
20°	1	1	1	1	1	1	1	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	1	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	1	0	0	0	0
-21.25°	1	1	1	1	1	1	1	0	0	0	0





REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	1	0	0	0	0
-31.25°	1	1	1	1	1	1	1	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	1	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	0	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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: P220307 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-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)