

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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

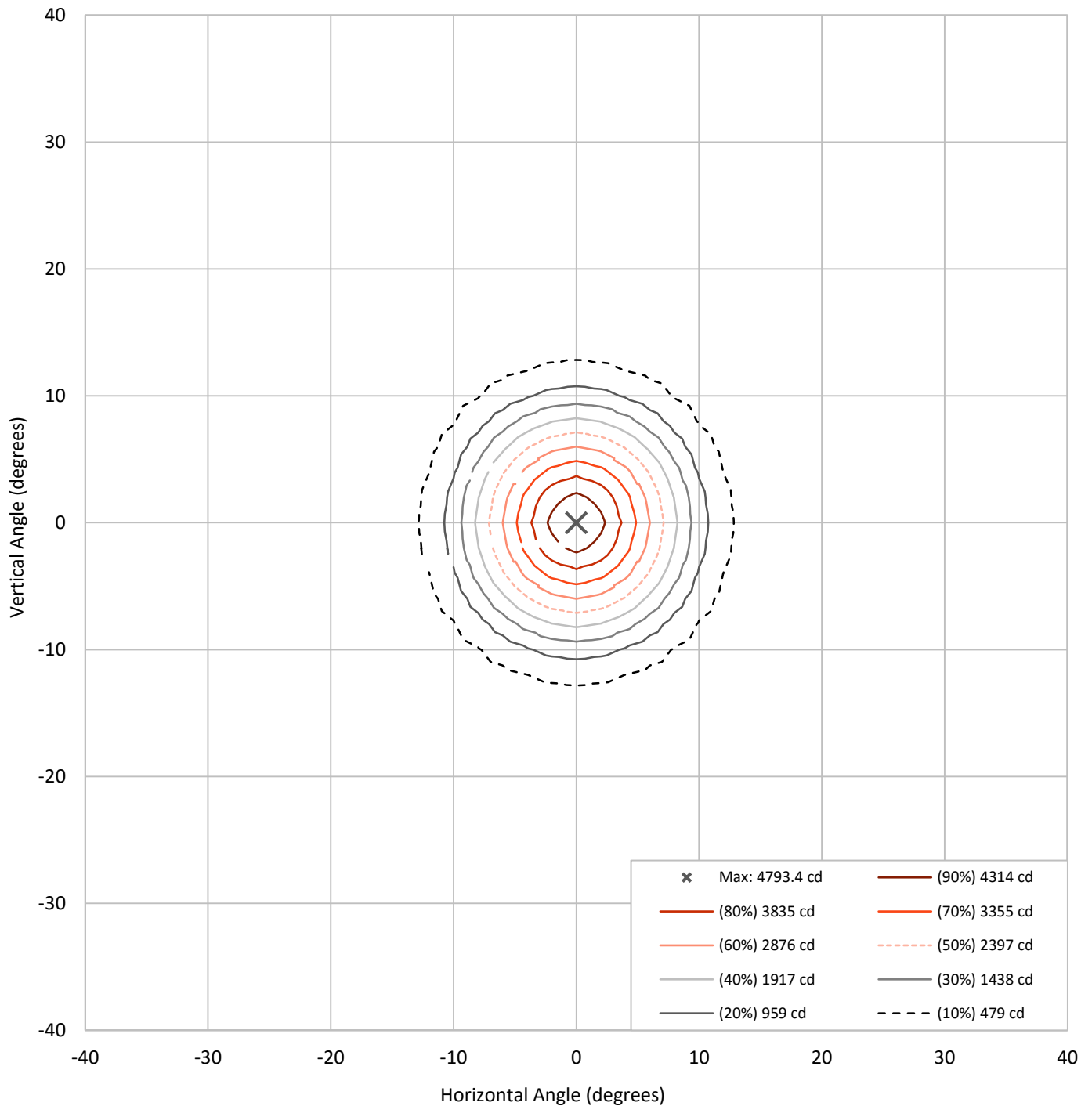
Test Method: LM-79-08  
Report Number: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29409)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,  
SPOT OPTIC, WHITE HOUSING.  
Light Source: (1) 3000K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	374.8 lumens	Max Intensity:	4793.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	37.5 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:	155.6 lumens	Field Lumens:	286.7 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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV

### Iso-Candela Plot





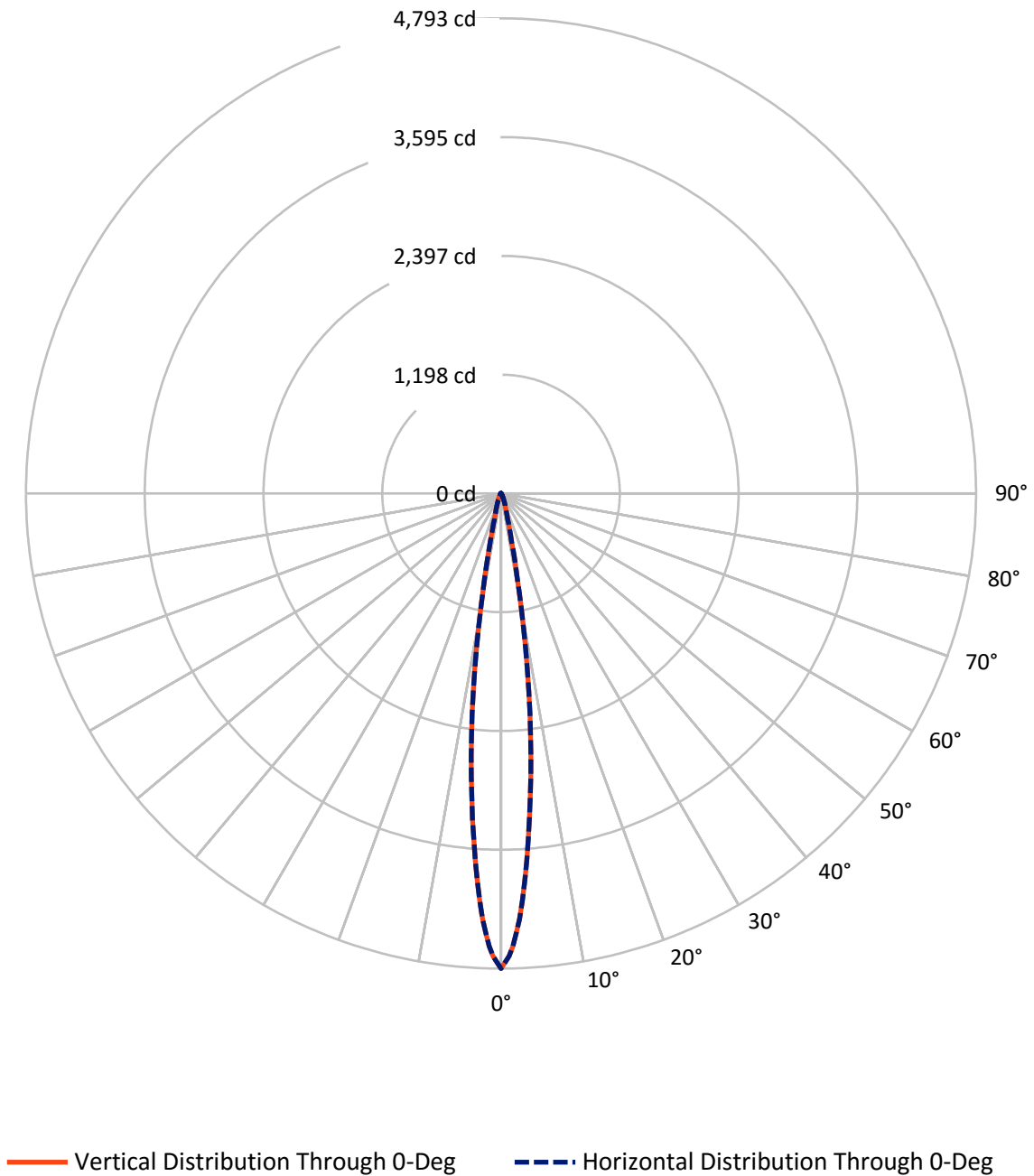
REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV

### Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	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	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	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	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	
30	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.2	0.7	2.9	8.3	8.3	2.9	0.7	0.2	0.1	0.1	0.0
10	0.0	0.0	0.1	0.1	0.2	1.4	8.1	66.4	66.4	8.1	1.4	0.2	0.1	0.1	0.0
0		0.0	0.1	0.1	0.2	1.4	8.1	66.4	66.4	8.1	1.4	0.2	0.1	0.1	0.0
-10	0.0	0.0	0.1	0.1	0.2	0.7	2.9	8.3	8.3	2.9	0.7	0.2	0.1	0.1	0.0
-20		0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0
-30	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.0
-40		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
-50	0.0	0.0	0.0	0.0	0.0	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	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0

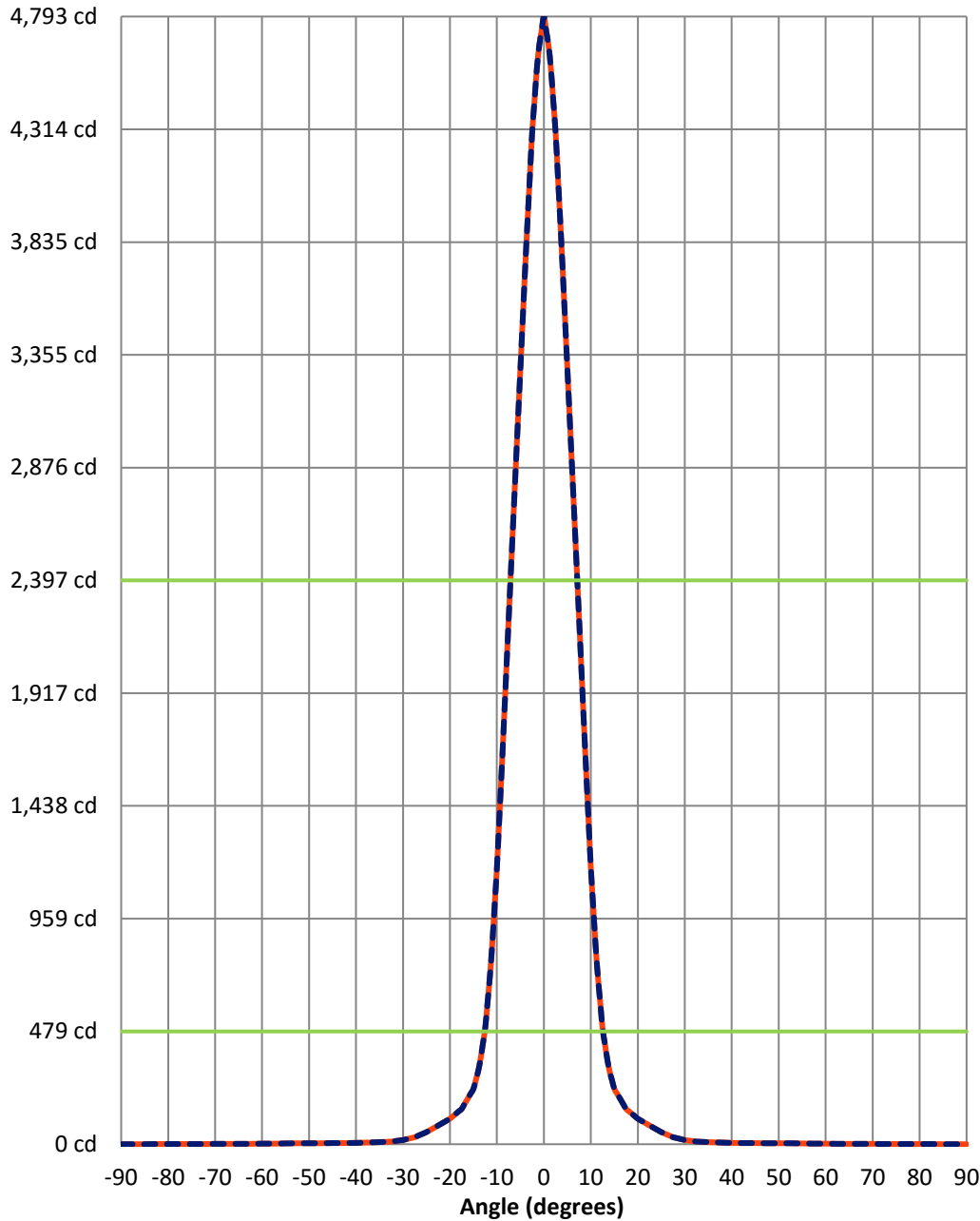
REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-S-WT-L1-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.2°  
 V Angle: 14.2°  
 Lumens: 155.6  
 Efficiency: 41.5%

**Field:**  
 H Angle: 25.2°  
 V Angle: 25.2°  
 Lumens: 286.7  
 Efficiency: 76.5%

**Spill:**  
 Lumens: 88.1  
 Efficiency: 23.5%

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



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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	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	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	0	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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	1	1	1	1
30°	0	0	0	0	0	0	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	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	0	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	0	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	0	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	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	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	0	1	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	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	1
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	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	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	1	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	1	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	1	2	2	2	2	2
12.5°	1	1	1	1	1	1	2	2	2	2	2
11.25°	1	1	1	1	1	1	2	2	2	2	2
10°	1	1	1	1	1	1	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	1	2	2	2	2	2
-11.25°	1	1	1	1	1	1	2	2	2	2	2
-12.5°	1	1	1	1	1	1	2	2	2	2	2
-13.75°	1	1	1	1	1	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	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	1	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	1	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	1	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	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	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	0	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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	1	1	1
77.5°	0	0	0	0	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	1
57.5°	1	1	1	1	1	1	1	1	1	1	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	1	2	2	2	2	2	2
50°	1	1	1	1	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	1	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	2
43.75°	1	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	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	2	2	2	2	2	2	2	2	2	2	2
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	2	2	2
32.5°	2	2	2	2	2	2	2	2	2	2	3
31.25°	2	2	2	2	2	2	2	2	2	2	3
30°	2	2	2	2	2	2	2	2	2	3	3
28.75°	2	2	2	2	2	2	2	2	2	3	3
27.5°	2	2	2	2	2	2	2	2	2	3	3
26.25°	2	2	2	2	2	2	2	2	3	3	3
25°	2	2	2	2	2	2	2	2	3	3	3
23.75°	2	2	2	2	2	2	2	2	3	3	4
22.5°	2	2	2	2	2	2	2	3	3	3	4
21.25°	2	2	2	2	2	2	2	3	3	3	4
20°	2	2	2	2	2	2	2	3	3	4	4
18.75°	2	2	2	2	2	2	3	3	3	4	4
17.5°	2	2	2	2	2	2	3	3	3	4	4
16.25°	2	2	2	2	2	2	3	3	3	4	4
15°	2	2	2	2	2	2	3	3	4	4	4
13.75°	2	2	2	2	2	2	3	3	4	4	4
12.5°	2	2	2	2	2	3	3	3	4	4	4
11.25°	2	2	2	2	2	3	3	3	4	4	4
10°	2	2	2	2	2	3	3	3	4	4	4
8.75°	2	2	2	2	2	3	3	3	4	4	4
7.5°	2	2	2	2	2	3	3	3	4	4	4
6.25°	2	2	2	2	2	3	3	4	4	4	4
5°	2	2	2	2	2	3	3	4	4	4	4
3.75°	2	2	2	2	2	3	3	4	4	4	4
2.5°	2	2	2	2	2	3	3	4	4	4	4
1.25°	2	2	2	2	2	3	3	4	4	4	4
0°	2	2	2	2	2	3	3	4	4	4	4
-1.25°	2	2	2	2	2	3	3	4	4	4	4
-2.5°	2	2	2	2	2	3	3	4	4	4	4
-3.75°	2	2	2	2	2	3	3	4	4	4	4
-5°	2	2	2	2	2	3	3	4	4	4	4
-6.25°	2	2	2	2	2	3	3	4	4	4	4
-7.5°	2	2	2	2	2	3	3	3	4	4	4
-8.75°	2	2	2	2	2	3	3	3	4	4	4
-10°	2	2	2	2	2	3	3	3	4	4	4
-11.25°	2	2	2	2	2	3	3	3	4	4	4
-12.5°	2	2	2	2	2	3	3	3	4	4	4
-13.75°	2	2	2	2	2	2	3	3	4	4	4
-15°	2	2	2	2	2	2	3	3	4	4	4
-16.25°	2	2	2	2	2	2	3	3	3	4	4
-17.5°	2	2	2	2	2	2	3	3	3	4	4
-18.75°	2	2	2	2	2	2	3	3	3	4	4
-20°	2	2	2	2	2	2	2	3	3	4	4
-21.25°	2	2	2	2	2	2	2	3	3	3	4





REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	2	2	2	3	3	3	4
-23.75°	2	2	2	2	2	2	2	2	3	3	4
-25°	2	2	2	2	2	2	2	2	3	3	3
-26.25°	2	2	2	2	2	2	2	2	3	3	3
-27.5°	2	2	2	2	2	2	2	2	2	3	3
-28.75°	2	2	2	2	2	2	2	2	2	3	3
-30°	2	2	2	2	2	2	2	2	2	3	3
-31.25°	2	2	2	2	2	2	2	2	2	2	3
-32.5°	2	2	2	2	2	2	2	2	2	2	3
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-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°	1	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	1	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	1	2	2	2	2	2	2	2
-51.25°	1	1	1	1	1	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	1	2
-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	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	0	1	1	1	1	1	1	1



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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	1	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	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	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	3
46.25°	2	2	2	2	2	2	2	2	2	3	3
45°	2	2	2	2	2	2	2	2	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	2	3	3	3	3	3	4
41.25°	2	2	2	2	3	3	3	3	3	4	4
40°	2	2	2	2	3	3	3	3	4	4	4
38.75°	2	2	2	3	3	3	3	4	4	4	4
37.5°	2	2	3	3	3	3	4	4	4	4	4
36.25°	2	3	3	3	3	4	4	4	4	4	4
35°	2	3	3	3	4	4	4	4	4	4	4



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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	5
28.75°	3	4	4	4	4	4	4	4	4	5	5
27.5°	3	4	4	4	4	4	4	4	4	5	5
26.25°	4	4	4	4	4	4	4	4	5	5	5
25°	4	4	4	4	4	4	4	4	5	5	5
23.75°	4	4	4	4	4	4	4	5	5	5	5
22.5°	4	4	4	4	4	4	4	5	5	5	5
21.25°	4	4	4	4	4	4	5	5	5	5	5
20°	4	4	4	4	4	4	5	5	5	5	5
18.75°	4	4	4	4	4	5	5	5	5	5	6
17.5°	4	4	4	4	4	5	5	5	5	5	6
16.25°	4	4	4	4	4	5	5	5	5	5	6
15°	4	4	4	4	5	5	5	5	5	6	6
13.75°	4	4	4	4	5	5	5	5	5	6	7
12.5°	4	4	4	4	5	5	5	5	5	6	7
11.25°	4	4	4	4	5	5	5	5	6	6	7
10°	4	4	4	5	5	5	5	5	6	6	7
8.75°	4	4	4	5	5	5	5	5	6	7	7
7.5°	4	4	4	5	5	5	5	5	6	7	8
6.25°	4	4	4	5	5	5	5	5	6	7	8
5°	4	4	4	5	5	5	5	6	6	7	8
3.75°	4	4	4	5	5	5	5	6	6	7	8
2.5°	4	4	4	5	5	5	5	6	6	7	8
1.25°	4	4	4	5	5	5	5	6	6	7	8
0°	4	4	4	5	5	5	5	6	6	7	8
-1.25°	4	4	4	5	5	5	5	6	6	7	8
-2.5°	4	4	4	5	5	5	5	6	6	7	8
-3.75°	4	4	4	5	5	5	5	6	6	7	8
-5°	4	4	4	5	5	5	5	6	6	7	8
-6.25°	4	4	4	5	5	5	5	5	6	7	8
-7.5°	4	4	4	5	5	5	5	5	6	7	8
-8.75°	4	4	4	5	5	5	5	5	6	7	7
-10°	4	4	4	5	5	5	5	5	6	6	7
-11.25°	4	4	4	4	5	5	5	5	6	6	7
-12.5°	4	4	4	4	5	5	5	5	5	6	7
-13.75°	4	4	4	4	5	5	5	5	5	6	7
-15°	4	4	4	4	5	5	5	5	5	6	6
-16.25°	4	4	4	4	4	5	5	5	5	5	6
-17.5°	4	4	4	4	4	5	5	5	5	5	6
-18.75°	4	4	4	4	4	5	5	5	5	5	6
-20°	4	4	4	4	4	4	5	5	5	5	5
-21.25°	4	4	4	4	4	4	5	5	5	5	5



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	4	5	5	5	5
-23.75°	4	4	4	4	4	4	4	5	5	5	5
-25°	4	4	4	4	4	4	4	4	5	5	5
-26.25°	4	4	4	4	4	4	4	4	5	5	5
-27.5°	3	4	4	4	4	4	4	4	4	5	5
-28.75°	3	4	4	4	4	4	4	4	4	5	5
-30°	3	3	4	4	4	4	4	4	4	4	5
-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°	2	3	3	3	4	4	4	4	4	4	4
-36.25°	2	3	3	3	3	4	4	4	4	4	4
-37.5°	2	2	3	3	3	3	4	4	4	4	4
-38.75°	2	2	2	3	3	3	3	4	4	4	4
-40°	2	2	2	2	3	3	3	3	4	4	4
-41.25°	2	2	2	2	3	3	3	3	3	4	4
-42.5°	2	2	2	2	2	3	3	3	3	3	4
-43.75°	2	2	2	2	2	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	2	3	3	3
-46.25°	2	2	2	2	2	2	2	2	2	3	3
-47.5°	2	2	2	2	2	2	2	2	2	2	3
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-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	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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	1
67.5°	1	1	1	1	1	1	2	2	2	2	2
66.25°	1	1	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	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	3
52.5°	2	2	2	2	2	2	2	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	3
50°	2	2	3	3	3	3	3	3	3	4	4
48.75°	2	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	4	4	4	4	4	4
46.25°	3	3	3	4	4	4	4	4	4	4	4
45°	3	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	5	5
38.75°	4	4	4	4	4	4	4	5	5	5	5
37.5°	4	4	4	4	4	5	5	5	5	5	5
36.25°	4	4	4	4	5	5	5	5	5	5	5
35°	4	4	4	5	5	5	5	5	5	5	5



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	4	5	5	5	5	5	5	5	5	6
32.5°	4	5	5	5	5	5	5	5	6	6	6
31.25°	5	5	5	5	5	5	5	6	6	7	7
30°	5	5	5	5	5	5	6	6	7	7	8
28.75°	5	5	5	5	5	6	6	7	7	8	8
27.5°	5	5	5	5	6	6	7	7	8	8	9
26.25°	5	5	5	6	6	7	7	8	8	9	10
25°	5	5	6	6	7	7	8	8	9	10	11
23.75°	5	5	6	7	7	8	8	9	10	11	12
22.5°	5	6	6	7	8	8	9	10	11	12	14
21.25°	6	6	7	7	8	9	10	10	12	14	16
20°	6	6	7	8	8	9	10	11	14	16	19
18.75°	6	7	8	8	9	10	11	13	15	18	23
17.5°	6	7	8	9	9	10	12	15	17	22	26
16.25°	7	7	8	9	10	11	13	16	20	25	30
15°	7	8	9	9	11	12	15	18	23	28	36
13.75°	7	8	9	10	11	14	16	21	26	32	41
12.5°	8	8	9	10	12	15	18	23	28	37	46
11.25°	8	9	10	11	13	16	20	25	32	42	51
10°	8	9	10	11	14	17	22	27	36	46	57
8.75°	8	9	10	12	15	18	24	29	39	49	62
7.5°	8	9	10	12	16	19	25	32	42	53	66
6.25°	8	10	11	13	16	21	27	35	45	57	70
5°	9	10	11	14	17	22	28	37	47	60	74
3.75°	9	10	11	14	17	23	29	38	49	62	76
2.5°	9	10	11	14	17	23	29	40	50	64	78
1.25°	9	10	11	14	18	24	30	40	51	65	79
0°	9	10	11	14	18	24	30	41	51	65	79
-1.25°	9	10	11	14	18	24	30	40	51	65	79
-2.5°	9	10	11	14	17	23	29	40	50	64	78
-3.75°	9	10	11	14	17	23	29	38	49	62	76
-5°	9	10	11	14	17	22	28	37	47	60	74
-6.25°	8	10	11	13	16	21	27	35	45	57	70
-7.5°	8	9	10	12	16	19	25	32	42	53	66
-8.75°	8	9	10	12	15	18	24	29	39	49	62
-10°	8	9	10	11	14	17	22	27	36	46	57
-11.25°	8	9	10	11	13	16	20	25	32	42	51
-12.5°	8	8	9	10	12	15	18	23	28	37	46
-13.75°	7	8	9	10	11	14	16	21	26	32	41
-15°	7	8	9	9	11	12	15	18	23	28	36
-16.25°	7	7	8	9	10	11	13	16	20	25	30
-17.5°	6	7	8	9	9	10	12	15	17	22	26
-18.75°	6	7	8	8	9	10	11	13	15	18	23
-20°	6	6	7	8	8	9	10	11	14	16	19
-21.25°	6	6	7	7	8	9	10	10	12	14	16





REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	5	6	6	7	8	8	9	10	11	12	14
-23.75°	5	5	6	7	7	8	8	9	10	11	12
-25°	5	5	6	6	7	7	8	8	9	10	11
-26.25°	5	5	5	6	6	7	7	8	8	9	10
-27.5°	5	5	5	5	6	6	7	7	8	8	9
-28.75°	5	5	5	5	5	6	6	7	7	8	8
-30°	5	5	5	5	5	5	6	6	7	7	8
-31.25°	5	5	5	5	5	5	5	6	6	7	7
-32.5°	4	5	5	5	5	5	5	5	6	6	6
-33.75°	4	4	5	5	5	5	5	5	5	5	6
-35°	4	4	4	5	5	5	5	5	5	5	5
-36.25°	4	4	4	4	5	5	5	5	5	5	5
-37.5°	4	4	4	4	4	5	5	5	5	5	5
-38.75°	4	4	4	4	4	4	4	5	5	5	5
-40°	4	4	4	4	4	4	4	4	4	5	5
-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°	3	4	4	4	4	4	4	4	4	4	4
-46.25°	3	3	3	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	4	4	4	4	4	4
-48.75°	2	3	3	3	3	3	3	4	4	4	4
-50°	2	2	3	3	3	3	3	3	3	4	4
-51.25°	2	2	2	2	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	2	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	3
-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	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	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	1	1	1	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	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	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	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	5	5
43.75°	4	4	4	4	4	5	5	5	5	5	5
42.5°	4	4	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	5	5	5	5
38.75°	5	5	5	5	5	5	5	5	6	6	6
37.5°	5	5	5	5	5	6	6	6	6	6	7
36.25°	5	5	6	6	6	6	7	7	7	7	7
35°	6	6	6	6	7	7	7	8	8	8	8



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	6	6	7	7	7	8	8	8	9	9	9
32.5°	7	7	8	8	8	9	9	9	10	10	10
31.25°	7	8	8	9	9	9	10	10	11	11	12
30°	8	8	9	9	10	11	11	12	13	14	15
28.75°	9	9	10	10	11	12	14	15	16	17	18
27.5°	10	10	11	12	13	15	16	18	20	22	24
26.25°	10	11	13	15	16	18	21	23	25	27	29
25°	12	14	15	17	20	23	26	28	32	36	39
23.75°	14	16	18	22	25	28	32	37	42	46	49
22.5°	16	19	23	26	30	36	41	46	51	57	62
21.25°	19	23	27	32	38	44	50	57	63	69	75
20°	23	27	33	40	47	53	61	69	76	82	88
18.75°	27	33	40	48	56	64	73	80	88	95	101
17.5°	32	40	48	56	66	75	84	92	100	107	117
16.25°	38	47	56	66	76	85	95	104	114	125	135
15°	44	53	64	75	85	96	106	118	130	142	156
13.75°	50	61	73	84	95	106	119	133	147	169	192
12.5°	57	69	80	92	104	118	133	148	175	202	228
11.25°	63	76	88	100	114	130	147	175	206	235	287
10°	69	82	95	107	125	142	169	202	235	295	380
8.75°	75	88	101	117	135	156	192	228	287	380	517
7.5°	80	93	107	125	144	176	214	265	355	496	702
6.25°	84	98	113	132	154	193	232	307	432	634	920
5°	87	101	119	139	168	208	261	360	526	788	1151
3.75°	90	104	123	144	178	220	286	402	615	943	1372
2.5°	92	107	126	147	186	228	305	450	698	1070	1540
1.25°	93	108	128	149	191	233	322	481	750	1148	1650
0°	94	108	129	150	193	235	328	492	767	1175	1688
-1.25°	93	108	128	149	191	233	322	481	750	1148	1650
-2.5°	92	107	126	147	186	228	305	450	698	1070	1540
-3.75°	90	104	123	144	178	220	286	402	615	943	1372
-5°	87	101	119	139	168	208	261	360	526	788	1151
-6.25°	84	98	113	132	154	193	232	307	432	634	920
-7.5°	80	93	107	125	144	176	214	265	355	496	702
-8.75°	75	88	101	117	135	156	192	228	287	380	517
-10°	69	82	95	107	125	142	169	202	235	295	380
-11.25°	63	76	88	100	114	130	147	175	206	235	287
-12.5°	57	69	80	92	104	118	133	148	175	202	228
-13.75°	50	61	73	84	95	106	119	133	147	169	192
-15°	44	53	64	75	85	96	106	118	130	142	156
-16.25°	38	47	56	66	76	85	95	104	114	125	135
-17.5°	32	40	48	56	66	75	84	92	100	107	117
-18.75°	27	33	40	48	56	64	73	80	88	95	101
-20°	23	27	33	40	47	53	61	69	76	82	88
-21.25°	19	23	27	32	38	44	50	57	63	69	75



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	16	19	23	26	30	36	41	46	51	57	62
-23.75°	14	16	18	22	25	28	32	37	42	46	49
-25°	12	14	15	17	20	23	26	28	32	36	39
-26.25°	10	11	13	15	16	18	21	23	25	27	29
-27.5°	10	10	11	12	13	15	16	18	20	22	24
-28.75°	9	9	10	10	11	12	14	15	16	17	18
-30°	8	8	9	9	10	11	11	12	13	14	15
-31.25°	7	8	8	9	9	9	10	10	11	11	12
-32.5°	7	7	8	8	8	9	9	9	10	10	10
-33.75°	6	6	7	7	7	8	8	8	9	9	9
-35°	6	6	6	6	7	7	7	8	8	8	8
-36.25°	5	5	6	6	6	6	7	7	7	7	7
-37.5°	5	5	5	5	5	6	6	6	6	6	7
-38.75°	5	5	5	5	5	5	5	5	6	6	6
-40°	5	5	5	5	5	5	5	5	5	5	5
-41.25°	5	5	5	5	5	5	5	5	5	5	5
-42.5°	4	4	5	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	4	5	5	5	5	5	5
-45°	4	4	4	4	4	4	4	4	4	5	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°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	2	3	3	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	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	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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°	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	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	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	5	5	5	5	5	5	5	5	5	5
40°	5	5	6	6	6	6	6	6	6	6	6
38.75°	6	6	6	6	6	6	6	6	6	6	6
37.5°	7	7	7	7	7	7	7	7	7	7	7
36.25°	8	8	8	8	8	8	8	8	8	8	8
35°	8	8	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	9	10	10	10	10	10	10	10	10	10	10
32.5°	10	11	11	11	11	11	11	11	11	11	11
31.25°	12	13	14	14	14	14	14	14	14	14	14
30°	16	16	17	17	17	18	18	18	17	17	17
28.75°	19	21	22	23	23	24	24	24	23	23	22
27.5°	25	27	28	29	29	30	30	30	29	29	28
26.25°	32	35	37	38	40	40	41	40	40	38	37
25°	42	45	47	49	50	51	51	51	50	49	47
23.75°	53	57	60	62	64	65	65	65	64	62	60
22.5°	66	70	74	76	78	79	79	79	78	76	74
21.25°	80	84	87	90	92	93	94	93	92	90	87
20°	93	98	101	104	107	108	108	108	107	104	101
18.75°	107	113	119	123	126	128	129	128	126	123	119
17.5°	125	132	139	144	147	149	150	149	147	144	139
16.25°	144	154	168	178	186	191	193	191	186	178	168
15°	176	193	208	220	228	233	235	233	228	220	208
13.75°	214	232	261	286	305	322	328	322	305	286	261
12.5°	265	307	360	402	450	481	492	481	450	402	360
11.25°	355	432	526	615	698	750	767	750	698	615	526
10°	496	634	788	943	1070	1148	1175	1148	1070	943	788
8.75°	702	920	1151	1372	1540	1650	1688	1650	1540	1372	1151
7.5°	971	1275	1577	1848	2055	2186	2231	2186	2055	1848	1577
6.25°	1275	1654	2014	2325	2565	2716	2769	2716	2565	2325	2014
5°	1577	2014	2421	2770	3048	3232	3297	3232	3048	2770	2421
3.75°	1848	2325	2770	3170	3507	3741	3824	3741	3507	3170	2770
2.5°	2055	2565	3048	3507	3912	4200	4300	4200	3912	3507	3048
1.25°	2186	2716	3232	3741	4200	4521	4638	4521	4200	3741	3232
0°	2231	2769	3297	3824	4300	4638	4793	4638	4300	3824	3297
-1.25°	2186	2716	3232	3741	4200	4521	4638	4521	4200	3741	3232
-2.5°	2055	2565	3048	3507	3912	4200	4300	4200	3912	3507	3048
-3.75°	1848	2325	2770	3170	3507	3741	3824	3741	3507	3170	2770
-5°	1577	2014	2421	2770	3048	3232	3297	3232	3048	2770	2421
-6.25°	1275	1654	2014	2325	2565	2716	2769	2716	2565	2325	2014
-7.5°	971	1275	1577	1848	2055	2186	2231	2186	2055	1848	1577
-8.75°	702	920	1151	1372	1540	1650	1688	1650	1540	1372	1151
-10°	496	634	788	943	1070	1148	1175	1148	1070	943	788
-11.25°	355	432	526	615	698	750	767	750	698	615	526
-12.5°	265	307	360	402	450	481	492	481	450	402	360
-13.75°	214	232	261	286	305	322	328	322	305	286	261
-15°	176	193	208	220	228	233	235	233	228	220	208
-16.25°	144	154	168	178	186	191	193	191	186	178	168
-17.5°	125	132	139	144	147	149	150	149	147	144	139
-18.75°	107	113	119	123	126	128	129	128	126	123	119
-20°	93	98	101	104	107	108	108	108	107	104	101
-21.25°	80	84	87	90	92	93	94	93	92	90	87





REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	66	70	74	76	78	79	79	79	78	76	74
-23.75°	53	57	60	62	64	65	65	65	64	62	60
-25°	42	45	47	49	50	51	51	51	50	49	47
-26.25°	32	35	37	38	40	40	41	40	40	38	37
-27.5°	25	27	28	29	29	30	30	30	29	29	28
-28.75°	19	21	22	23	23	24	24	24	23	23	22
-30°	16	16	17	17	17	18	18	18	17	17	17
-31.25°	12	13	14	14	14	14	14	14	14	14	14
-32.5°	10	11	11	11	11	11	11	11	11	11	11
-33.75°	9	10	10	10	10	10	10	10	10	10	10
-35°	8	8	9	9	9	9	9	9	9	9	9
-36.25°	8	8	8	8	8	8	8	8	8	8	8
-37.5°	7	7	7	7	7	7	7	7	7	7	7
-38.75°	6	6	6	6	6	6	6	6	6	6	6
-40°	5	5	6	6	6	6	6	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°	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	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°	3	4	4	4	4	4	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°	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	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	1	1	1	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°	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°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	3	3	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°	5	5	5	5	4	4	4	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	4	4	4
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	5	5	5	5
38.75°	6	6	6	6	6	5	5	5	5	5	5
37.5°	7	7	7	6	6	6	6	6	5	5	5
36.25°	8	8	7	7	7	7	7	6	6	6	6
35°	8	8	8	8	8	8	7	7	7	6	6



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	9	9	9	9	8	8	8	7	7	7
32.5°	11	10	10	10	10	9	9	9	8	8	8
31.25°	13	12	12	11	11	10	10	9	9	9	8
30°	16	16	15	14	13	12	11	11	10	9	9
28.75°	21	19	18	17	16	15	14	12	11	10	10
27.5°	27	25	24	22	20	18	16	15	13	12	11
26.25°	35	32	29	27	25	23	21	18	16	15	13
25°	45	42	39	36	32	28	26	23	20	17	15
23.75°	57	53	49	46	42	37	32	28	25	22	18
22.5°	70	66	62	57	51	46	41	36	30	26	23
21.25°	84	80	75	69	63	57	50	44	38	32	27
20°	98	93	88	82	76	69	61	53	47	40	33
18.75°	113	107	101	95	88	80	73	64	56	48	40
17.5°	132	125	117	107	100	92	84	75	66	56	48
16.25°	154	144	135	125	114	104	95	85	76	66	56
15°	193	176	156	142	130	118	106	96	85	75	64
13.75°	232	214	192	169	147	133	119	106	95	84	73
12.5°	307	265	228	202	175	148	133	118	104	92	80
11.25°	432	355	287	235	206	175	147	130	114	100	88
10°	634	496	380	295	235	202	169	142	125	107	95
8.75°	920	702	517	380	287	228	192	156	135	117	101
7.5°	1275	971	702	496	355	265	214	176	144	125	107
6.25°	1654	1275	920	634	432	307	232	193	154	132	113
5°	2014	1577	1151	788	526	360	261	208	168	139	119
3.75°	2325	1848	1372	943	615	402	286	220	178	144	123
2.5°	2565	2055	1540	1070	698	450	305	228	186	147	126
1.25°	2716	2186	1650	1148	750	481	322	233	191	149	128
0°	2769	2231	1688	1175	767	492	328	235	193	150	129
-1.25°	2716	2186	1650	1148	750	481	322	233	191	149	128
-2.5°	2565	2055	1540	1070	698	450	305	228	186	147	126
-3.75°	2325	1848	1372	943	615	402	286	220	178	144	123
-5°	2014	1577	1151	788	526	360	261	208	168	139	119
-6.25°	1654	1275	920	634	432	307	232	193	154	132	113
-7.5°	1275	971	702	496	355	265	214	176	144	125	107
-8.75°	920	702	517	380	287	228	192	156	135	117	101
-10°	634	496	380	295	235	202	169	142	125	107	95
-11.25°	432	355	287	235	206	175	147	130	114	100	88
-12.5°	307	265	228	202	175	148	133	118	104	92	80
-13.75°	232	214	192	169	147	133	119	106	95	84	73
-15°	193	176	156	142	130	118	106	96	85	75	64
-16.25°	154	144	135	125	114	104	95	85	76	66	56
-17.5°	132	125	117	107	100	92	84	75	66	56	48
-18.75°	113	107	101	95	88	80	73	64	56	48	40
-20°	98	93	88	82	76	69	61	53	47	40	33
-21.25°	84	80	75	69	63	57	50	44	38	32	27



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	70	66	62	57	51	46	41	36	30	26	23
-23.75°	57	53	49	46	42	37	32	28	25	22	18
-25°	45	42	39	36	32	28	26	23	20	17	15
-26.25°	35	32	29	27	25	23	21	18	16	15	13
-27.5°	27	25	24	22	20	18	16	15	13	12	11
-28.75°	21	19	18	17	16	15	14	12	11	10	10
-30°	16	16	15	14	13	12	11	11	10	9	9
-31.25°	13	12	12	11	11	10	10	9	9	9	8
-32.5°	11	10	10	10	10	9	9	9	8	8	8
-33.75°	10	9	9	9	9	8	8	8	7	7	7
-35°	8	8	8	8	8	8	7	7	7	6	6
-36.25°	8	8	7	7	7	7	7	6	6	6	6
-37.5°	7	7	7	6	6	6	6	6	5	5	5
-38.75°	6	6	6	6	6	5	5	5	5	5	5
-40°	5	5	5	5	5	5	5	5	5	5	5
-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°	5	5	5	5	5	5	5	5	4	4	4
-45°	5	5	5	5	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	3	3	3
-53.75°	4	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	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	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	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	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	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	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°	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°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	2	2	2	2	2
51.25°	4	3	3	3	3	3	3	3	3	2	2
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	3	3	3	3	3
47.5°	4	4	4	4	4	4	4	4	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	3
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°	5	5	4	4	4	4	4	4	4	4	4
40°	5	5	5	5	4	4	4	4	4	4	4
38.75°	5	5	5	5	5	5	4	4	4	4	4
37.5°	5	5	5	5	5	5	5	5	4	4	4
36.25°	5	5	5	5	5	5	5	5	5	4	4
35°	6	6	5	5	5	5	5	5	5	5	4



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	6	6	6	5	5	5	5	5	5	5	5
32.5°	7	7	6	6	6	5	5	5	5	5	5
31.25°	8	7	7	7	6	6	5	5	5	5	5
30°	8	8	8	7	7	6	6	5	5	5	5
28.75°	9	9	8	8	7	7	6	6	5	5	5
27.5°	10	10	9	8	8	7	7	6	6	5	5
26.25°	11	10	10	9	8	8	7	7	6	6	5
25°	14	12	11	10	9	8	8	7	7	6	6
23.75°	16	14	12	11	10	9	8	8	7	7	6
22.5°	19	16	14	12	11	10	9	8	8	7	6
21.25°	23	19	16	14	12	10	10	9	8	7	7
20°	27	23	19	16	14	11	10	9	8	8	7
18.75°	33	27	23	18	15	13	11	10	9	8	8
17.5°	40	32	26	22	17	15	12	10	9	9	8
16.25°	47	38	30	25	20	16	13	11	10	9	8
15°	53	44	36	28	23	18	15	12	11	9	9
13.75°	61	50	41	32	26	21	16	14	11	10	9
12.5°	69	57	46	37	28	23	18	15	12	10	9
11.25°	76	63	51	42	32	25	20	16	13	11	10
10°	82	69	57	46	36	27	22	17	14	11	10
8.75°	88	75	62	49	39	29	24	18	15	12	10
7.5°	93	80	66	53	42	32	25	19	16	12	10
6.25°	98	84	70	57	45	35	27	21	16	13	11
5°	101	87	74	60	47	37	28	22	17	14	11
3.75°	104	90	76	62	49	38	29	23	17	14	11
2.5°	107	92	78	64	50	40	29	23	17	14	11
1.25°	108	93	79	65	51	40	30	24	18	14	11
0°	108	94	79	65	51	41	30	24	18	14	11
-1.25°	108	93	79	65	51	40	30	24	18	14	11
-2.5°	107	92	78	64	50	40	29	23	17	14	11
-3.75°	104	90	76	62	49	38	29	23	17	14	11
-5°	101	87	74	60	47	37	28	22	17	14	11
-6.25°	98	84	70	57	45	35	27	21	16	13	11
-7.5°	93	80	66	53	42	32	25	19	16	12	10
-8.75°	88	75	62	49	39	29	24	18	15	12	10
-10°	82	69	57	46	36	27	22	17	14	11	10
-11.25°	76	63	51	42	32	25	20	16	13	11	10
-12.5°	69	57	46	37	28	23	18	15	12	10	9
-13.75°	61	50	41	32	26	21	16	14	11	10	9
-15°	53	44	36	28	23	18	15	12	11	9	9
-16.25°	47	38	30	25	20	16	13	11	10	9	8
-17.5°	40	32	26	22	17	15	12	10	9	9	8
-18.75°	33	27	23	18	15	13	11	10	9	8	8
-20°	27	23	19	16	14	11	10	9	8	8	7
-21.25°	23	19	16	14	12	10	10	9	8	7	7





REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	19	16	14	12	11	10	9	8	8	7	6
-23.75°	16	14	12	11	10	9	8	8	7	7	6
-25°	14	12	11	10	9	8	8	7	7	6	6
-26.25°	11	10	10	9	8	8	7	7	6	6	5
-27.5°	10	10	9	8	8	7	7	6	6	5	5
-28.75°	9	9	8	8	7	7	6	6	5	5	5
-30°	8	8	8	7	7	6	6	5	5	5	5
-31.25°	8	7	7	7	6	6	5	5	5	5	5
-32.5°	7	7	6	6	6	5	5	5	5	5	5
-33.75°	6	6	6	5	5	5	5	5	5	5	5
-35°	6	6	5	5	5	5	5	5	5	5	4
-36.25°	5	5	5	5	5	5	5	5	5	4	4
-37.5°	5	5	5	5	5	5	5	5	4	4	4
-38.75°	5	5	5	5	5	5	4	4	4	4	4
-40°	5	5	5	5	4	4	4	4	4	4	4
-41.25°	5	5	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	3
-47.5°	4	4	4	4	4	4	4	4	3	3	3
-48.75°	4	4	4	4	4	4	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	3	3	3	3	3	3	3	3	2	2
-52.5°	3	3	3	3	3	3	2	2	2	2	2
-53.75°	3	3	3	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	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	1	1	1	1
-68.75°	2	2	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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	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°	2	2	2	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	1
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°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	3	2	2	2	2	2	2	2	2	2	2
47.5°	3	3	3	2	2	2	2	2	2	2	2
46.25°	3	3	3	3	2	2	2	2	2	2	2
45°	4	3	3	3	3	2	2	2	2	2	2
43.75°	4	4	3	3	3	3	3	2	2	2	2
42.5°	4	4	4	3	3	3	3	3	2	2	2
41.25°	4	4	4	4	3	3	3	3	3	2	2
40°	4	4	4	4	4	3	3	3	3	2	2
38.75°	4	4	4	4	4	4	3	3	3	3	2
37.5°	4	4	4	4	4	4	4	3	3	3	3
36.25°	4	4	4	4	4	4	4	4	3	3	3
35°	4	4	4	4	4	4	4	4	4	3	3



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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°	4	4	4	4	4	4	4	4	4	4	3
32.5°	5	4	4	4	4	4	4	4	4	4	3
31.25°	5	5	4	4	4	4	4	4	4	4	4
30°	5	5	5	4	4	4	4	4	4	4	4
28.75°	5	5	5	5	4	4	4	4	4	4	4
27.5°	5	5	5	5	4	4	4	4	4	4	4
26.25°	5	5	5	5	5	4	4	4	4	4	4
25°	5	5	5	5	5	4	4	4	4	4	4
23.75°	5	5	5	5	5	5	4	4	4	4	4
22.5°	6	5	5	5	5	5	4	4	4	4	4
21.25°	6	6	5	5	5	5	5	4	4	4	4
20°	6	6	5	5	5	5	5	4	4	4	4
18.75°	7	6	6	5	5	5	5	5	4	4	4
17.5°	7	6	6	5	5	5	5	5	4	4	4
16.25°	7	7	6	5	5	5	5	5	4	4	4
15°	8	7	6	6	5	5	5	5	5	4	4
13.75°	8	7	7	6	5	5	5	5	5	4	4
12.5°	8	8	7	6	5	5	5	5	5	4	4
11.25°	9	8	7	6	6	5	5	5	5	4	4
10°	9	8	7	6	6	5	5	5	5	5	4
8.75°	9	8	7	7	6	5	5	5	5	5	4
7.5°	9	8	8	7	6	5	5	5	5	5	4
6.25°	10	8	8	7	6	5	5	5	5	5	4
5°	10	9	8	7	6	6	5	5	5	5	4
3.75°	10	9	8	7	6	6	5	5	5	5	4
2.5°	10	9	8	7	6	6	5	5	5	5	4
1.25°	10	9	8	7	6	6	5	5	5	5	4
0°	10	9	8	7	6	6	5	5	5	5	4
-1.25°	10	9	8	7	6	6	5	5	5	5	4
-2.5°	10	9	8	7	6	6	5	5	5	5	4
-3.75°	10	9	8	7	6	6	5	5	5	5	4
-5°	10	9	8	7	6	6	5	5	5	5	4
-6.25°	10	8	8	7	6	5	5	5	5	5	4
-7.5°	9	8	8	7	6	5	5	5	5	5	4
-8.75°	9	8	7	7	6	5	5	5	5	5	4
-10°	9	8	7	6	6	5	5	5	5	5	4
-11.25°	9	8	7	6	6	5	5	5	5	4	4
-12.5°	8	8	7	6	5	5	5	5	5	4	4
-13.75°	8	7	7	6	5	5	5	5	5	4	4
-15°	8	7	6	6	5	5	5	5	5	4	4
-16.25°	7	7	6	5	5	5	5	5	4	4	4
-17.5°	7	6	6	5	5	5	5	5	4	4	4
-18.75°	7	6	6	5	5	5	5	5	4	4	4
-20°	6	6	5	5	5	5	5	4	4	4	4
-21.25°	6	6	5	5	5	5	5	4	4	4	4



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	5	5	5	5	5	4	4	4	4	4
-23.75°	5	5	5	5	5	5	4	4	4	4	4
-25°	5	5	5	5	5	4	4	4	4	4	4
-26.25°	5	5	5	5	5	4	4	4	4	4	4
-27.5°	5	5	5	5	4	4	4	4	4	4	4
-28.75°	5	5	5	5	4	4	4	4	4	4	4
-30°	5	5	5	4	4	4	4	4	4	4	4
-31.25°	5	5	4	4	4	4	4	4	4	4	4
-32.5°	5	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	3	3
-36.25°	4	4	4	4	4	4	4	4	3	3	3
-37.5°	4	4	4	4	4	4	4	3	3	3	3
-38.75°	4	4	4	4	4	4	3	3	3	3	2
-40°	4	4	4	4	4	3	3	3	3	2	2
-41.25°	4	4	4	4	3	3	3	3	3	2	2
-42.5°	4	4	4	3	3	3	3	3	2	2	2
-43.75°	4	4	3	3	3	3	3	2	2	2	2
-45°	4	3	3	3	3	2	2	2	2	2	2
-46.25°	3	3	3	3	2	2	2	2	2	2	2
-47.5°	3	3	3	2	2	2	2	2	2	2	2
-48.75°	3	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	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	1



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	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°	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	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	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	1	1	1
50°	2	2	2	2	2	2	2	2	2	1	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°	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	2
37.5°	2	2	2	2	2	2	2	2	2	2	2
36.25°	3	2	2	2	2	2	2	2	2	2	2
35°	3	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	2	2	2	2	2	2	2	2	2
32.5°	3	3	3	2	2	2	2	2	2	2	2
31.25°	3	3	3	2	2	2	2	2	2	2	2
30°	3	3	3	3	2	2	2	2	2	2	2
28.75°	4	3	3	3	2	2	2	2	2	2	2
27.5°	4	3	3	3	2	2	2	2	2	2	2
26.25°	4	4	3	3	3	2	2	2	2	2	2
25°	4	4	3	3	3	2	2	2	2	2	2
23.75°	4	4	4	3	3	2	2	2	2	2	2
22.5°	4	4	4	3	3	3	2	2	2	2	2
21.25°	4	4	4	3	3	3	2	2	2	2	2
20°	4	4	4	4	3	3	2	2	2	2	2
18.75°	4	4	4	4	3	3	3	2	2	2	2
17.5°	4	4	4	4	3	3	3	2	2	2	2
16.25°	4	4	4	4	3	3	3	2	2	2	2
15°	4	4	4	4	4	3	3	2	2	2	2
13.75°	4	4	4	4	4	3	3	2	2	2	2
12.5°	4	4	4	4	4	3	3	3	2	2	2
11.25°	4	4	4	4	4	3	3	3	2	2	2
10°	4	4	4	4	4	3	3	3	2	2	2
8.75°	4	4	4	4	4	3	3	3	2	2	2
7.5°	4	4	4	4	4	3	3	3	2	2	2
6.25°	4	4	4	4	4	4	3	3	2	2	2
5°	4	4	4	4	4	4	3	3	2	2	2
3.75°	4	4	4	4	4	4	3	3	2	2	2
2.5°	4	4	4	4	4	4	3	3	2	2	2
1.25°	4	4	4	4	4	4	3	3	2	2	2
0°	4	4	4	4	4	4	3	3	2	2	2
-1.25°	4	4	4	4	4	4	3	3	2	2	2
-2.5°	4	4	4	4	4	4	3	3	2	2	2
-3.75°	4	4	4	4	4	4	3	3	2	2	2
-5°	4	4	4	4	4	4	3	3	2	2	2
-6.25°	4	4	4	4	4	4	3	3	2	2	2
-7.5°	4	4	4	4	4	3	3	3	2	2	2
-8.75°	4	4	4	4	4	3	3	3	2	2	2
-10°	4	4	4	4	4	3	3	3	2	2	2
-11.25°	4	4	4	4	4	3	3	3	2	2	2
-12.5°	4	4	4	4	4	3	3	3	2	2	2
-13.75°	4	4	4	4	4	3	3	2	2	2	2
-15°	4	4	4	4	4	3	3	2	2	2	2
-16.25°	4	4	4	4	3	3	3	2	2	2	2
-17.5°	4	4	4	4	3	3	3	2	2	2	2
-18.75°	4	4	4	4	3	3	3	2	2	2	2
-20°	4	4	4	4	3	3	2	2	2	2	2
-21.25°	4	4	4	3	3	3	2	2	2	2	2





REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	3	3	3	2	2	2	2	2
-23.75°	4	4	4	3	3	2	2	2	2	2	2
-25°	4	4	3	3	3	2	2	2	2	2	2
-26.25°	4	4	3	3	3	2	2	2	2	2	2
-27.5°	4	3	3	3	2	2	2	2	2	2	2
-28.75°	4	3	3	3	2	2	2	2	2	2	2
-30°	3	3	3	3	2	2	2	2	2	2	2
-31.25°	3	3	3	2	2	2	2	2	2	2	2
-32.5°	3	3	3	2	2	2	2	2	2	2	2
-33.75°	3	3	2	2	2	2	2	2	2	2	2
-35°	3	2	2	2	2	2	2	2	2	2	2
-36.25°	3	2	2	2	2	2	2	2	2	2	2
-37.5°	2	2	2	2	2	2	2	2	2	2	2
-38.75°	2	2	2	2	2	2	2	2	2	2	2
-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°	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	1	1
-51.25°	2	2	2	2	2	2	2	2	1	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	1	1	1	1	1	1	1	1
-58.75°	2	2	1	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	0	0



REPORT NUMBER: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	0	0	0
-80°	1	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	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	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	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°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	1	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	1	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	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	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	1	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	1	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	1	1	1	1
12.5°	2	2	2	2	2	2	2	1	1	1	1
11.25°	2	2	2	2	2	2	2	1	1	1	1
10°	2	2	2	2	2	2	2	1	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	1	1	1	1
-11.25°	2	2	2	2	2	2	2	1	1	1	1
-12.5°	2	2	2	2	2	2	2	1	1	1	1
-13.75°	2	2	2	2	2	2	2	1	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	1	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	1	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	1	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	1	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	1	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	1	1	1	1	1	1	1	1	1	1
-45°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	1	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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	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	0	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	0	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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	0	0	0
30°	1	1	1	1	1	1	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	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	0	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	0	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	0	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	0	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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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: P220306 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3090-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)