

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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29424)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

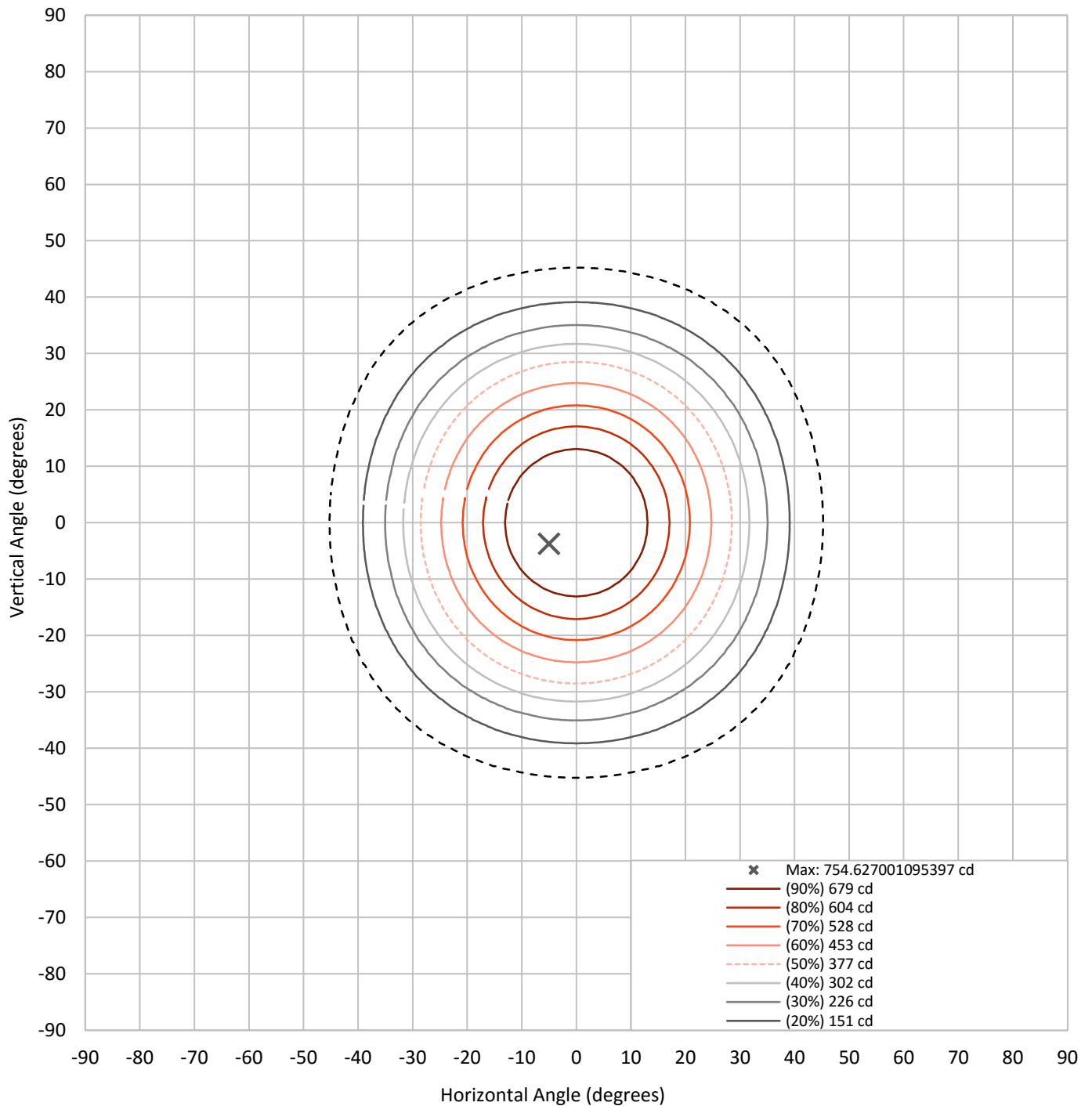
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	682.9 lumens	Max Intensity:	754.6 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	68.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.6°H x 56.3°V	Field Angle (10%):	90°H x 89.8°V
Beam Lumens:	425.9 lumens	Field Lumens:	636.6 lumens
Beam Efficiency:	62.4%	Field Efficiency:	93.2%

Input Watts (W): 10
Input Voltage (V): 120
Input Current (A_{in}): 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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

Iso-Candela Plot





REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

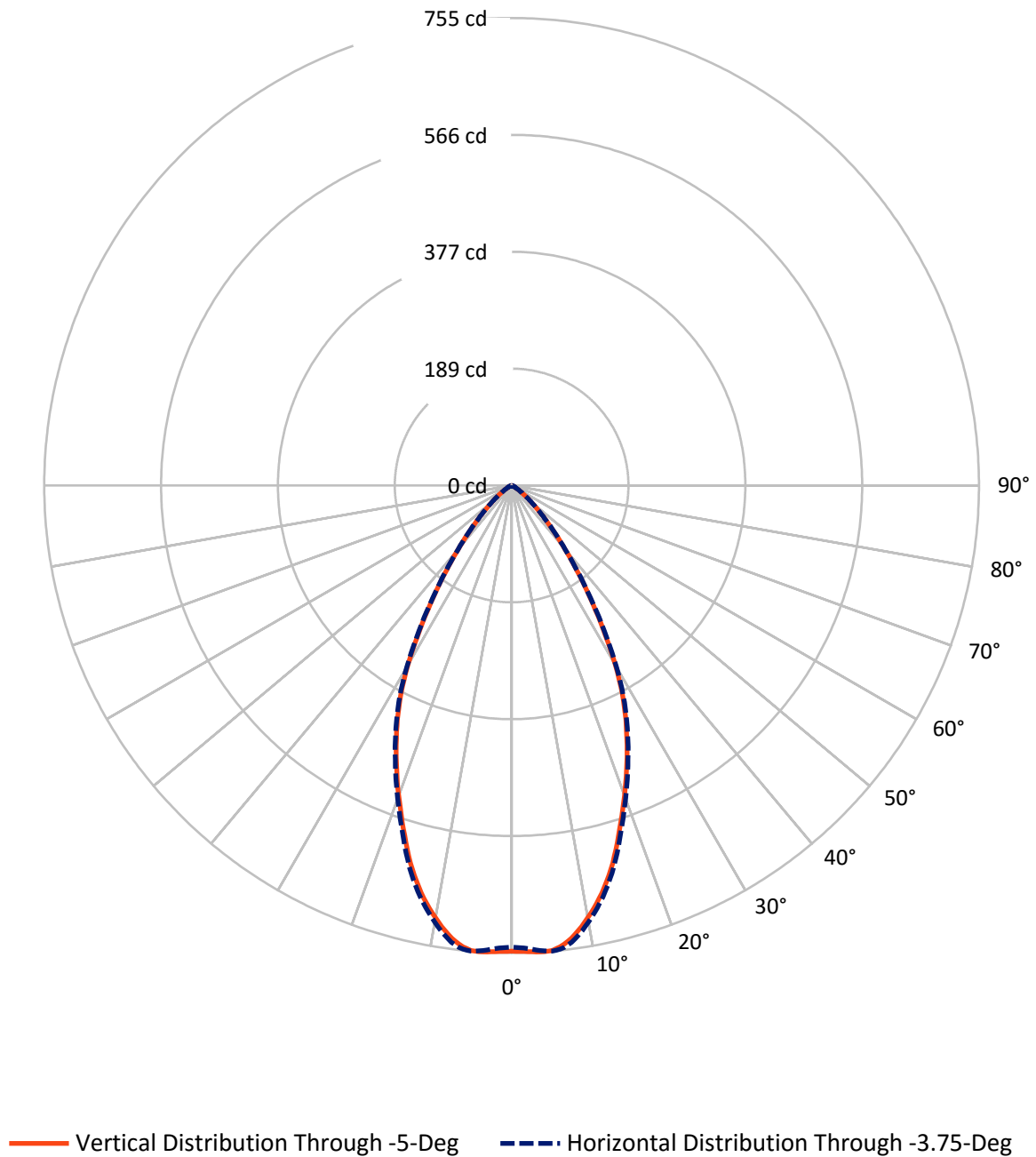
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

Lumen Table

90	0.0															
80	0.0															
70	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	0.0
60		0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	
50	0.0	0.0	0.1	0.2	0.6	1.2	1.9	2.4	2.4	1.9	1.2	0.6	0.2	0.1	0.0	0.0
40		0.0	0.1	0.5	1.4	3.1	5.2	6.8	6.8	5.2	3.1	1.4	0.5	0.1	0.0	
30	0.0	0.0	0.2	0.9	2.8	6.5	10.7	13.2	13.2	10.7	6.5	2.8	0.9	0.2	0.0	0.0
20		0.1	0.3	1.4	4.5	10.0	15.3	18.9	18.9	15.3	10.0	4.5	1.4	0.3	0.1	
10	0.0	0.1	0.4	1.7	5.6	12.0	18.3	22.3	22.3	18.3	12.0	5.6	1.7	0.4	0.1	0.0
0		0.1	0.4	1.7	5.6	12.0	18.3	22.3	22.3	18.3	12.0	5.6	1.7	0.4	0.1	
-10	0.0	0.1	0.4	1.7	5.6	12.0	18.3	22.3	22.3	18.3	12.0	5.6	1.7	0.4	0.1	0.0
-20		0.1	0.3	1.4	4.5	10.0	15.3	18.9	18.9	15.3	10.0	4.5	1.4	0.3	0.1	
-30	0.0	0.0	0.2	0.9	2.8	6.5	10.7	13.2	13.2	10.7	6.5	2.8	0.9	0.2	0.0	0.0
-40		0.0	0.1	0.5	1.4	3.1	5.2	6.8	6.8	5.2	3.1	1.4	0.5	0.1	0.0	
-50	0.0	0.0	0.1	0.2	0.6	1.2	1.9	2.4	2.4	1.9	1.2	0.6	0.2	0.1	0.0	0.0
-60		0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	
-70	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	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															

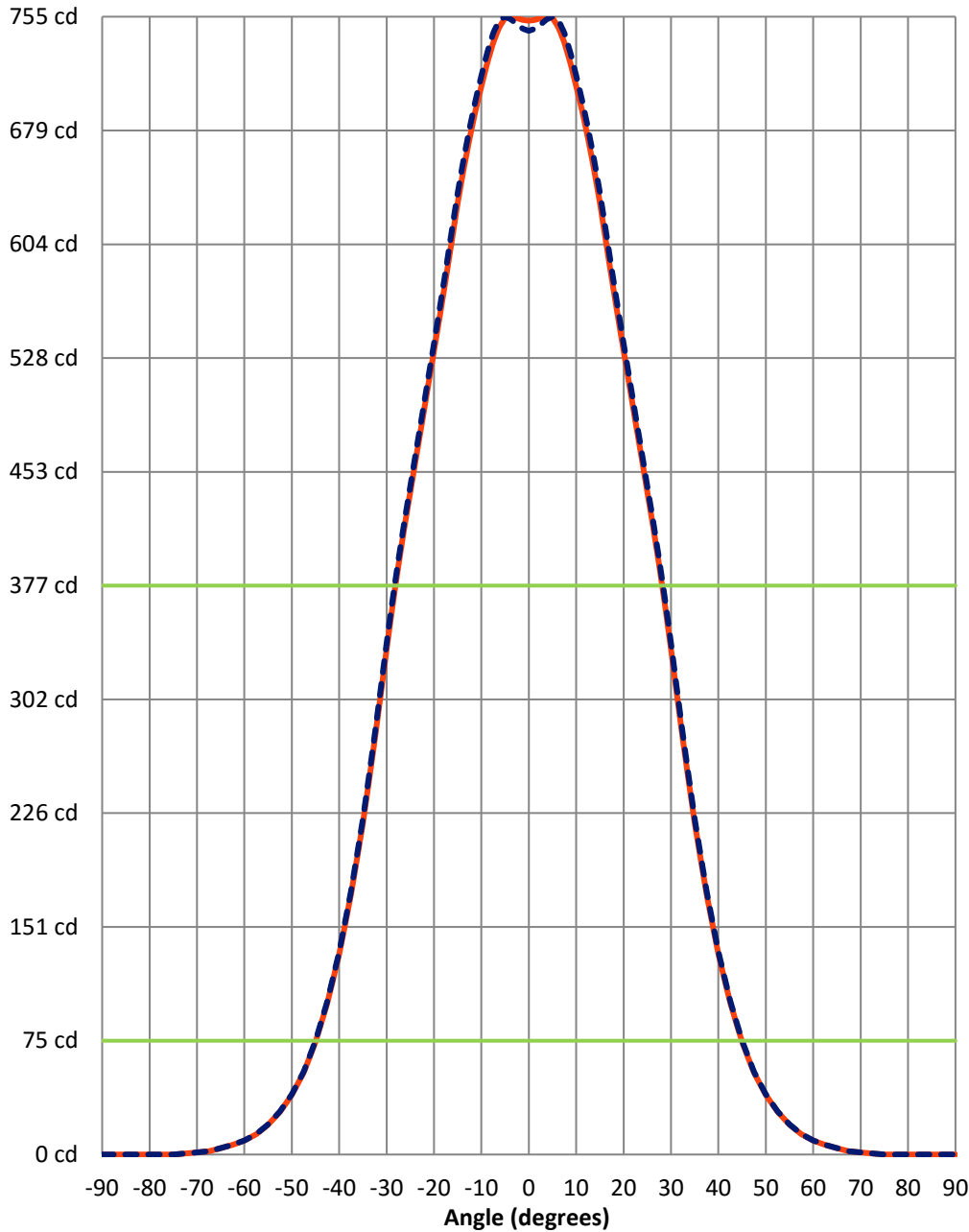
REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 56.6°
 V Angle: 56.3°
 Lumens: 425.9
 Efficiency: 62.4%

Field:
 H Angle: 90°
 V Angle: 89.8°
 Lumens: 636.6
 Efficiency: 93.2%

Spill:
 Lumens: 46.3
 Efficiency: 6.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	1	1	1	1	1	1
56.25°	0	0	0	0	1	1	1	1	1	2	2
55°	0	0	0	1	1	1	1	1	2	2	2
53.75°	0	0	1	1	1	1	1	2	2	2	2
52.5°	0	1	1	1	1	1	2	2	2	2	3
51.25°	1	1	1	1	1	2	2	2	2	3	3
50°	1	1	1	1	1	2	2	2	3	3	4
48.75°	1	1	1	1	2	2	2	3	3	4	4
47.5°	1	1	1	2	2	2	2	3	4	4	5
46.25°	1	1	1	2	2	2	3	4	4	5	6
45°	1	1	2	2	2	3	3	4	5	5	6
43.75°	1	2	2	2	2	3	4	5	5	6	7
42.5°	1	2	2	2	3	4	4	5	6	6	7
41.25°	2	2	2	3	3	4	5	6	6	7	8
40°	2	2	2	3	4	4	5	6	7	8	9
38.75°	2	2	3	3	4	5	6	6	7	8	10
37.5°	2	2	3	4	5	5	6	7	8	9	11
36.25°	2	2	3	4	5	6	7	8	9	10	12
35°	2	3	4	4	5	6	7	8	9	11	12



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	3	4	5	6	7	8	9	10	12	13
32.5°	3	3	4	5	6	7	8	9	11	13	15
31.25°	3	4	5	5	6	7	9	10	12	13	16
30°	3	4	5	6	7	8	9	11	13	15	17
28.75°	3	4	5	6	7	8	10	12	13	16	18
27.5°	4	5	5	6	8	9	10	12	14	17	20
26.25°	4	5	6	7	8	9	11	13	15	18	21
25°	4	5	6	7	8	10	12	14	16	19	22
23.75°	4	5	6	7	9	10	12	14	17	20	24
22.5°	5	6	7	8	9	11	13	15	18	21	25
21.25°	5	6	7	8	9	11	13	16	19	23	26
20°	5	6	7	8	10	12	14	17	20	24	28
18.75°	5	6	7	9	10	12	15	18	21	25	29
17.5°	5	6	8	9	11	13	15	18	22	26	30
16.25°	5	7	8	9	11	13	16	19	23	27	32
15°	6	7	8	10	12	14	17	20	24	28	33
13.75°	6	7	8	10	12	14	17	20	25	29	34
12.5°	6	7	8	10	12	15	18	21	25	30	35
11.25°	6	7	9	10	12	15	18	22	26	31	36
10°	6	7	9	11	13	15	19	22	27	31	37
8.75°	6	8	9	11	13	16	19	23	27	32	38
7.5°	6	8	9	11	13	16	19	23	28	33	39
6.25°	6	8	9	11	13	16	20	24	28	33	39
5°	6	8	9	11	13	17	20	24	28	34	40
3.75°	6	8	9	11	14	17	20	24	29	34	40
2.5°	6	8	9	11	14	17	20	24	29	34	40
1.25°	6	8	9	12	14	17	20	25	29	35	40
0°	6	8	9	12	14	17	20	25	29	35	40
-1.25°	6	8	9	12	14	17	20	25	29	35	40
-2.5°	6	8	9	11	14	17	20	24	29	34	40
-3.75°	6	8	9	11	14	17	20	24	29	34	40
-5°	6	8	9	11	13	17	20	24	28	34	40
-6.25°	6	8	9	11	13	16	20	24	28	33	39
-7.5°	6	8	9	11	13	16	19	23	28	33	39
-8.75°	6	8	9	11	13	16	19	23	27	32	38
-10°	6	7	9	11	13	15	19	22	27	31	37
-11.25°	6	7	9	10	12	15	18	22	26	31	36
-12.5°	6	7	8	10	12	15	18	21	25	30	35
-13.75°	6	7	8	10	12	14	17	20	25	29	34
-15°	6	7	8	10	12	14	17	20	24	28	33
-16.25°	5	7	8	9	11	13	16	19	23	27	32
-17.5°	5	6	8	9	11	13	15	18	22	26	30
-18.75°	5	6	7	9	10	12	15	18	21	25	29
-20°	5	6	7	8	10	12	14	17	20	24	28
-21.25°	5	6	7	8	9	11	13	16	19	23	26



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	5	6	7	8	9	11	13	15	18	21	25
-23.75°	4	5	6	7	9	10	12	14	17	20	24
-25°	4	5	6	7	8	10	12	14	16	19	22
-26.25°	4	5	6	7	8	9	11	13	15	18	21
-27.5°	4	5	5	6	8	9	10	12	14	17	20
-28.75°	3	4	5	6	7	8	10	12	13	16	18
-30°	3	4	5	6	7	8	9	11	13	15	17
-31.25°	3	4	5	5	6	7	9	10	12	13	16
-32.5°	3	3	4	5	6	7	8	9	11	13	15
-33.75°	2	3	4	5	6	7	8	9	10	12	13
-35°	2	3	4	4	5	6	7	8	9	11	12
-36.25°	2	2	3	4	5	6	7	8	9	10	12
-37.5°	2	2	3	4	5	5	6	7	8	9	11
-38.75°	2	2	3	3	4	5	6	6	7	8	10
-40°	2	2	2	3	4	4	5	6	7	8	9
-41.25°	2	2	2	3	3	4	5	6	6	7	8
-42.5°	1	2	2	2	3	4	4	5	6	6	7
-43.75°	1	2	2	2	2	3	4	5	5	6	7
-45°	1	1	2	2	2	3	3	4	5	5	6
-46.25°	1	1	1	2	2	2	3	4	4	5	6
-47.5°	1	1	1	2	2	2	2	3	4	4	5
-48.75°	1	1	1	1	2	2	2	3	3	4	4
-50°	1	1	1	1	1	2	2	2	3	3	4
-51.25°	1	1	1	1	1	2	2	2	2	3	3
-52.5°	0	1	1	1	1	1	2	2	2	2	3
-53.75°	0	0	1	1	1	1	1	2	2	2	2
-55°	0	0	0	1	1	1	1	1	2	2	2
-56.25°	0	0	0	0	1	1	1	1	1	2	2
-57.5°	0	0	0	0	0	1	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	0	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	2	2
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	1	1	2	2	2	2	2	3	3	3
58.75°	1	2	2	2	2	2	3	3	3	4	4
57.5°	2	2	2	2	2	3	3	4	4	5	5
56.25°	2	2	2	3	3	4	4	4	5	5	6
55°	2	2	3	3	4	4	5	5	6	6	7
53.75°	3	3	4	4	5	5	6	6	6	7	8
52.5°	3	4	4	5	5	6	6	7	7	8	9
51.25°	4	4	5	5	6	6	7	8	8	9	10
50°	4	5	6	6	7	7	8	9	10	11	12
48.75°	5	6	6	7	8	8	9	10	11	12	13
47.5°	6	6	7	8	8	9	10	11	12	14	15
46.25°	6	7	8	9	9	11	12	13	14	16	17
45°	7	8	9	9	11	12	13	14	16	18	20
43.75°	8	8	9	11	12	13	15	17	18	20	22
42.5°	8	9	11	12	13	15	17	19	21	23	25
41.25°	9	10	12	13	15	17	19	21	23	26	28
40°	10	11	13	14	17	19	21	23	26	29	32
38.75°	11	12	14	16	18	21	23	26	29	32	36
37.5°	12	14	16	18	20	23	26	29	32	36	39
36.25°	13	15	17	20	22	25	28	32	36	39	44
35°	14	17	19	22	25	28	31	35	39	44	49



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	16	18	21	24	27	30	34	38	43	48	53
32.5°	17	20	23	26	29	33	37	42	47	53	59
31.25°	18	21	25	28	32	36	40	46	51	57	65
30°	20	23	26	30	35	39	44	50	56	63	71
28.75°	21	25	28	33	37	42	48	54	61	69	76
27.5°	23	27	30	35	40	46	52	58	66	74	84
26.25°	25	28	33	37	43	49	55	63	71	80	91
25°	26	30	35	40	46	52	59	68	76	87	97
23.75°	28	32	37	42	49	55	64	72	82	93	104
22.5°	29	34	39	45	52	59	68	77	88	99	112
21.25°	31	36	41	48	54	63	72	82	94	106	120
20°	33	38	44	50	58	67	76	88	99	113	127
18.75°	34	39	46	53	61	70	81	93	105	119	134
17.5°	36	41	48	55	64	74	85	97	111	125	141
16.25°	37	43	50	58	67	77	89	102	116	131	148
15°	38	45	52	60	70	81	93	106	121	137	156
13.75°	40	47	54	63	73	84	97	111	126	143	162
12.5°	41	48	55	65	75	88	100	115	131	149	168
11.25°	42	50	57	67	78	91	103	119	135	154	174
10°	43	51	59	69	80	93	107	123	139	159	179
8.75°	44	52	61	71	82	95	110	126	143	163	184
7.5°	45	53	62	72	84	98	112	129	147	167	189
6.25°	46	54	63	74	86	99	115	131	150	170	193
5°	47	54	64	75	87	101	117	133	152	173	196
3.75°	47	55	65	75	88	102	118	134	154	175	198
2.5°	48	55	66	76	89	103	119	136	156	176	200
1.25°	48	56	66	76	90	103	120	136	157	177	201
0°	48	56	66	77	90	103	120	136	157	178	202
-1.25°	48	56	66	76	90	103	120	136	157	177	201
-2.5°	48	55	66	76	89	103	119	136	156	176	200
-3.75°	47	55	65	75	88	102	118	134	154	175	198
-5°	47	54	64	75	87	101	117	133	152	173	196
-6.25°	46	54	63	74	86	99	115	131	150	170	193
-7.5°	45	53	62	72	84	98	112	129	147	167	189
-8.75°	44	52	61	71	82	95	110	126	143	163	184
-10°	43	51	59	69	80	93	107	123	139	159	179
-11.25°	42	50	57	67	78	91	103	119	135	154	174
-12.5°	41	48	55	65	75	88	100	115	131	149	168
-13.75°	40	47	54	63	73	84	97	111	126	143	162
-15°	38	45	52	60	70	81	93	106	121	137	156
-16.25°	37	43	50	58	67	77	89	102	116	131	148
-17.5°	36	41	48	55	64	74	85	97	111	125	141
-18.75°	34	39	46	53	61	70	81	93	105	119	134
-20°	33	38	44	50	58	67	76	88	99	113	127
-21.25°	31	36	41	48	54	63	72	82	94	106	120



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	29	34	39	45	52	59	68	77	88	99	112
-23.75°	28	32	37	42	49	55	64	72	82	93	104
-25°	26	30	35	40	46	52	59	68	76	87	97
-26.25°	25	28	33	37	43	49	55	63	71	80	91
-27.5°	23	27	30	35	40	46	52	58	66	74	84
-28.75°	21	25	28	33	37	42	48	54	61	69	76
-30°	20	23	26	30	35	39	44	50	56	63	71
-31.25°	18	21	25	28	32	36	40	46	51	57	65
-32.5°	17	20	23	26	29	33	37	42	47	53	59
-33.75°	16	18	21	24	27	30	34	38	43	48	53
-35°	14	17	19	22	25	28	31	35	39	44	49
-36.25°	13	15	17	20	22	25	28	32	36	39	44
-37.5°	12	14	16	18	20	23	26	29	32	36	39
-38.75°	11	12	14	16	18	21	23	26	29	32	36
-40°	10	11	13	14	17	19	21	23	26	29	32
-41.25°	9	10	12	13	15	17	19	21	23	26	28
-42.5°	8	9	11	12	13	15	17	19	21	23	25
-43.75°	8	8	9	11	12	13	15	17	18	20	22
-45°	7	8	9	9	11	12	13	14	16	18	20
-46.25°	6	7	8	9	9	11	12	13	14	16	17
-47.5°	6	6	7	8	8	9	10	11	12	14	15
-48.75°	5	6	6	7	8	8	9	10	11	12	13
-50°	4	5	6	6	7	7	8	9	10	11	12
-51.25°	4	4	5	5	6	6	7	8	8	9	10
-52.5°	3	4	4	5	5	6	6	7	7	8	9
-53.75°	3	3	4	4	5	5	6	6	6	7	8
-55°	2	2	3	3	4	4	5	5	6	6	7
-56.25°	2	2	2	3	3	4	4	4	5	5	6
-57.5°	2	2	2	2	2	3	3	4	4	5	5
-58.75°	1	2	2	2	2	2	3	3	3	4	4
-60°	1	1	1	2	2	2	2	2	3	3	3
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	2	2
-65°	0	0	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	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	2	2
66.25°	1	1	1	1	2	2	2	2	2	2	2
65°	1	2	2	2	2	2	2	2	2	2	3
63.75°	2	2	2	2	2	2	3	3	3	3	4
62.5°	2	2	3	3	3	3	4	4	4	4	5
61.25°	3	3	3	4	4	4	5	5	5	5	6
60°	4	4	4	5	5	5	5	6	6	6	7
58.75°	4	5	5	5	6	6	6	7	7	7	8
57.5°	5	6	6	6	7	7	8	8	8	9	9
56.25°	6	7	7	7	8	8	9	9	10	10	11
55°	7	8	8	9	9	10	10	11	12	12	13
53.75°	8	9	9	10	11	12	12	13	14	14	15
52.5°	9	10	11	12	13	13	14	15	16	17	18
51.25°	11	12	13	13	15	16	17	18	19	20	21
50°	12	13	15	16	17	18	20	21	22	24	25
48.75°	14	16	17	18	20	21	23	25	26	28	29
47.5°	17	18	20	21	23	25	27	28	30	32	34
46.25°	19	21	23	25	26	28	30	33	35	37	39
45°	22	24	26	28	30	33	35	37	40	42	45
43.75°	25	27	29	32	35	37	40	43	46	49	52
42.5°	28	30	33	36	39	42	46	49	52	55	59
41.25°	31	34	37	40	44	48	52	55	59	64	68
40°	35	38	42	46	50	54	58	63	68	72	77
38.75°	39	43	47	51	56	61	66	71	76	82	88
37.5°	44	48	53	57	63	69	74	80	87	93	99
36.25°	49	53	59	65	71	76	84	91	97	104	112
35°	53	59	66	72	78	86	94	101	109	117	126



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	59	66	73	80	88	96	103	113	122	131	140
32.5°	66	73	80	89	97	106	115	125	134	145	156
31.25°	72	80	89	97	107	117	127	137	149	161	172
30°	78	88	97	107	118	128	140	152	165	176	190
28.75°	86	96	106	117	128	140	154	167	180	194	208
27.5°	94	103	115	127	140	154	167	181	197	212	227
26.25°	101	113	125	137	152	167	181	198	214	230	248
25°	109	122	134	149	165	180	197	214	231	250	268
23.75°	117	131	145	161	176	194	212	230	250	269	289
22.5°	126	140	156	172	190	208	227	248	268	289	310
21.25°	133	150	166	184	203	222	243	265	286	309	330
20°	142	159	176	196	216	237	259	281	305	328	350
18.75°	151	168	187	208	228	251	275	298	323	346	368
17.5°	159	177	198	219	242	265	290	315	340	363	384
16.25°	167	186	208	230	254	279	305	330	355	378	399
15°	174	196	217	241	266	292	319	345	369	392	413
13.75°	182	204	226	252	278	305	332	358	382	405	426
12.5°	189	212	236	262	288	316	344	370	394	416	437
11.25°	196	219	244	271	299	327	355	380	404	427	448
10°	202	225	252	279	308	337	364	390	414	436	458
8.75°	208	232	259	287	316	346	373	398	422	444	466
7.5°	212	238	266	294	324	353	380	405	429	451	474
6.25°	217	243	271	300	330	359	386	411	435	458	481
5°	220	247	275	305	335	364	391	416	439	463	486
3.75°	223	250	279	309	339	368	395	420	443	467	490
2.5°	224	253	281	311	342	371	397	422	446	470	494
1.25°	226	254	282	313	344	372	399	424	448	472	496
0°	226	254	283	314	344	373	399	425	448	472	496
-1.25°	226	254	282	313	344	372	399	424	448	472	496
-2.5°	224	253	281	311	342	371	397	422	446	470	494
-3.75°	223	250	279	309	339	368	395	420	443	467	490
-5°	220	247	275	305	335	364	391	416	439	463	486
-6.25°	217	243	271	300	330	359	386	411	435	458	481
-7.5°	212	238	266	294	324	353	380	405	429	451	474
-8.75°	208	232	259	287	316	346	373	398	422	444	466
-10°	202	225	252	279	308	337	364	390	414	436	458
-11.25°	196	219	244	271	299	327	355	380	404	427	448
-12.5°	189	212	236	262	288	316	344	370	394	416	437
-13.75°	182	204	226	252	278	305	332	358	382	405	426
-15°	174	196	217	241	266	292	319	345	369	392	413
-16.25°	167	186	208	230	254	279	305	330	355	378	399
-17.5°	159	177	198	219	242	265	290	315	340	363	384
-18.75°	151	168	187	208	228	251	275	298	323	346	368
-20°	142	159	176	196	216	237	259	281	305	328	350
-21.25°	133	150	166	184	203	222	243	265	286	309	330



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	126	140	156	172	190	208	227	248	268	289	310
-23.75°	117	131	145	161	176	194	212	230	250	269	289
-25°	109	122	134	149	165	180	197	214	231	250	268
-26.25°	101	113	125	137	152	167	181	198	214	230	248
-27.5°	94	103	115	127	140	154	167	181	197	212	227
-28.75°	86	96	106	117	128	140	154	167	180	194	208
-30°	78	88	97	107	118	128	140	152	165	176	190
-31.25°	72	80	89	97	107	117	127	137	149	161	172
-32.5°	66	73	80	89	97	106	115	125	134	145	156
-33.75°	59	66	73	80	88	96	103	113	122	131	140
-35°	53	59	66	72	78	86	94	101	109	117	126
-36.25°	49	53	59	65	71	76	84	91	97	104	112
-37.5°	44	48	53	57	63	69	74	80	87	93	99
-38.75°	39	43	47	51	56	61	66	71	76	82	88
-40°	35	38	42	46	50	54	58	63	68	72	77
-41.25°	31	34	37	40	44	48	52	55	59	64	68
-42.5°	28	30	33	36	39	42	46	49	52	55	59
-43.75°	25	27	29	32	35	37	40	43	46	49	52
-45°	22	24	26	28	30	33	35	37	40	42	45
-46.25°	19	21	23	25	26	28	30	33	35	37	39
-47.5°	17	18	20	21	23	25	27	28	30	32	34
-48.75°	14	16	17	18	20	21	23	25	26	28	29
-50°	12	13	15	16	17	18	20	21	22	24	25
-51.25°	11	12	13	13	15	16	17	18	19	20	21
-52.5°	9	10	11	12	13	13	14	15	16	17	18
-53.75°	8	9	9	10	11	12	12	13	14	14	15
-55°	7	8	8	9	9	10	10	11	12	12	13
-56.25°	6	7	7	7	8	8	9	9	10	10	11
-57.5°	5	6	6	6	7	7	8	8	8	9	9
-58.75°	4	5	5	5	6	6	6	7	7	7	8
-60°	4	4	4	5	5	5	5	6	6	6	7
-61.25°	3	3	3	4	4	4	5	5	5	5	6
-62.5°	2	2	3	3	3	3	4	4	4	4	5
-63.75°	2	2	2	2	2	2	3	3	3	3	4
-65°	1	2	2	2	2	2	2	2	2	2	3
-66.25°	1	1	1	1	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	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	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	3	3	3	3	3	3
65°	3	3	3	3	3	4	4	4	4	4	4
63.75°	4	4	4	4	4	5	5	5	5	5	5
62.5°	5	5	5	5	5	6	6	6	6	6	6
61.25°	6	6	6	6	7	7	7	7	7	7	8
60°	7	7	7	8	8	8	8	8	9	9	9
58.75°	8	8	9	9	9	10	10	10	10	11	11
57.5°	9	10	10	11	11	12	12	12	12	13	13
56.25°	11	12	12	13	13	14	14	15	15	15	16
55°	13	14	15	15	16	17	17	18	18	19	19
53.75°	16	17	18	18	19	20	20	21	22	22	23
52.5°	19	20	21	22	23	24	25	25	26	27	27
51.25°	23	24	25	26	27	28	29	30	31	31	32
50°	26	28	29	30	32	33	34	35	36	37	38
48.75°	31	33	34	36	37	38	40	41	42	43	44
47.5°	36	38	39	41	43	45	47	48	50	51	52
46.25°	41	44	46	48	50	52	54	55	57	59	61
45°	48	50	53	55	58	60	63	65	67	69	71
43.75°	54	58	61	64	67	70	73	75	78	80	82
42.5°	63	67	70	74	77	81	84	88	91	93	95
41.25°	72	76	81	85	89	93	97	100	103	107	110
40°	82	88	93	97	102	106	111	115	119	123	126
38.75°	94	99	105	111	116	121	126	131	135	139	143
37.5°	106	113	119	125	131	137	143	149	154	159	163
36.25°	120	127	134	141	148	156	162	168	174	179	184
35°	133	142	151	159	167	174	182	189	196	202	208



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	150	159	168	177	186	196	204	212	219	225	232
32.5°	166	176	187	198	208	217	226	236	244	252	259
31.25°	184	196	208	219	230	241	252	262	271	279	287
30°	203	216	228	242	254	266	278	288	299	308	316
28.75°	222	237	251	265	279	292	305	316	327	337	346
27.5°	243	259	275	290	305	319	332	344	355	364	373
26.25°	265	281	298	315	330	345	358	370	380	390	398
25°	286	305	323	340	355	369	382	394	404	414	422
23.75°	309	328	346	363	378	392	405	416	427	436	444
22.5°	330	350	368	384	399	413	426	437	448	458	466
21.25°	351	370	388	404	419	433	446	458	469	479	488
20°	370	389	407	423	438	452	465	478	490	501	511
18.75°	388	407	424	440	456	471	484	498	511	522	532
17.5°	404	423	440	457	473	488	504	518	531	543	554
16.25°	419	438	456	473	490	506	522	537	551	564	576
15°	433	452	471	488	506	524	540	556	571	585	599
13.75°	446	465	484	504	522	540	557	574	591	607	622
12.5°	458	478	498	518	537	556	574	593	611	628	642
11.25°	469	490	511	531	551	571	591	611	630	646	661
10°	479	501	522	543	564	585	607	628	646	663	677
8.75°	488	511	532	554	576	599	622	642	661	677	692
7.5°	497	519	541	564	588	611	634	655	673	690	704
6.25°	504	527	550	573	598	622	645	665	684	700	715
5°	510	533	557	581	606	631	654	674	692	708	724
3.75°	514	538	562	587	613	638	660	681	699	716	731
2.5°	518	541	566	591	618	643	665	685	704	721	736
1.25°	520	543	569	594	621	646	668	688	706	724	739
0°	521	544	569	595	622	647	669	689	707	725	740
-1.25°	520	543	569	594	621	646	668	688	706	724	739
-2.5°	518	541	566	591	618	643	665	685	704	721	736
-3.75°	514	538	562	587	613	638	660	681	699	716	731
-5°	510	533	557	581	606	631	654	674	692	708	724
-6.25°	504	527	550	573	598	622	645	665	684	700	715
-7.5°	497	519	541	564	588	611	634	655	673	690	704
-8.75°	488	511	532	554	576	599	622	642	661	677	692
-10°	479	501	522	543	564	585	607	628	646	663	677
-11.25°	469	490	511	531	551	571	591	611	630	646	661
-12.5°	458	478	498	518	537	556	574	593	611	628	642
-13.75°	446	465	484	504	522	540	557	574	591	607	622
-15°	433	452	471	488	506	524	540	556	571	585	599
-16.25°	419	438	456	473	490	506	522	537	551	564	576
-17.5°	404	423	440	457	473	488	504	518	531	543	554
-18.75°	388	407	424	440	456	471	484	498	511	522	532
-20°	370	389	407	423	438	452	465	478	490	501	511
-21.25°	351	370	388	404	419	433	446	458	469	479	488



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	330	350	368	384	399	413	426	437	448	458	466
-23.75°	309	328	346	363	378	392	405	416	427	436	444
-25°	286	305	323	340	355	369	382	394	404	414	422
-26.25°	265	281	298	315	330	345	358	370	380	390	398
-27.5°	243	259	275	290	305	319	332	344	355	364	373
-28.75°	222	237	251	265	279	292	305	316	327	337	346
-30°	203	216	228	242	254	266	278	288	299	308	316
-31.25°	184	196	208	219	230	241	252	262	271	279	287
-32.5°	166	176	187	198	208	217	226	236	244	252	259
-33.75°	150	159	168	177	186	196	204	212	219	225	232
-35°	133	142	151	159	167	174	182	189	196	202	208
-36.25°	120	127	134	141	148	156	162	168	174	179	184
-37.5°	106	113	119	125	131	137	143	149	154	159	163
-38.75°	94	99	105	111	116	121	126	131	135	139	143
-40°	82	88	93	97	102	106	111	115	119	123	126
-41.25°	72	76	81	85	89	93	97	100	103	107	110
-42.5°	63	67	70	74	77	81	84	88	91	93	95
-43.75°	54	58	61	64	67	70	73	75	78	80	82
-45°	48	50	53	55	58	60	63	65	67	69	71
-46.25°	41	44	46	48	50	52	54	55	57	59	61
-47.5°	36	38	39	41	43	45	47	48	50	51	52
-48.75°	31	33	34	36	37	38	40	41	42	43	44
-50°	26	28	29	30	32	33	34	35	36	37	38
-51.25°	23	24	25	26	27	28	29	30	31	31	32
-52.5°	19	20	21	22	23	24	25	25	26	27	27
-53.75°	16	17	18	18	19	20	20	21	22	22	23
-55°	13	14	15	15	16	17	17	18	18	19	19
-56.25°	11	12	12	13	13	14	14	15	15	15	16
-57.5°	9	10	10	11	11	12	12	12	12	13	13
-58.75°	8	8	9	9	9	10	10	10	10	11	11
-60°	7	7	7	8	8	8	8	8	9	9	9
-61.25°	6	6	6	6	7	7	7	7	7	7	8
-62.5°	5	5	5	5	5	6	6	6	6	6	6
-63.75°	4	4	4	4	4	5	5	5	5	5	5
-65°	3	3	3	3	3	4	4	4	4	4	4
-66.25°	2	2	2	2	2	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	1	1	1	1	1	1
-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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	6	6	6	6	6	6	6	6	6	6	6
61.25°	8	8	8	8	8	8	8	8	8	8	8
60°	9	9	9	9	9	9	9	9	9	9	9
58.75°	11	11	11	11	11	12	12	12	11	11	11
57.5°	13	13	13	14	14	14	14	14	14	14	13
56.25°	16	16	17	17	17	17	17	17	17	17	17
55°	19	20	20	20	20	20	20	20	20	20	20
53.75°	23	24	24	24	24	25	25	25	24	24	24
52.5°	28	28	28	29	29	29	29	29	29	29	28
51.25°	33	33	34	34	34	35	35	35	34	34	34
50°	39	39	40	40	40	40	40	40	40	40	40
48.75°	45	46	47	47	48	48	48	48	48	47	47
47.5°	53	54	54	55	55	56	56	56	55	55	54
46.25°	62	63	64	65	66	66	66	66	66	65	64
45°	72	74	75	75	76	76	77	76	76	75	75
43.75°	84	86	87	88	89	90	90	90	89	88	87
42.5°	98	99	101	102	103	103	103	103	103	102	101
41.25°	112	115	117	118	119	120	120	120	119	118	117
40°	129	131	133	134	136	136	136	136	136	134	133
38.75°	147	150	152	154	156	157	157	157	156	154	152
37.5°	167	170	173	175	176	177	178	177	176	175	173
36.25°	189	193	196	198	200	201	202	201	200	198	196
35°	212	217	220	223	224	226	226	226	224	223	220



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	238	243	247	250	253	254	254	254	253	250	247
32.5°	266	271	275	279	281	282	283	282	281	279	275
31.25°	294	300	305	309	311	313	314	313	311	309	305
30°	324	330	335	339	342	344	344	344	342	339	335
28.75°	353	359	364	368	371	372	373	372	371	368	364
27.5°	380	386	391	395	397	399	399	399	397	395	391
26.25°	405	411	416	420	422	424	425	424	422	420	416
25°	429	435	439	443	446	448	448	448	446	443	439
23.75°	451	458	463	467	470	472	472	472	470	467	463
22.5°	474	481	486	490	494	496	496	496	494	490	486
21.25°	497	504	510	514	518	520	521	520	518	514	510
20°	519	527	533	538	541	543	544	543	541	538	533
18.75°	541	550	557	562	566	569	569	569	566	562	557
17.5°	564	573	581	587	591	594	595	594	591	587	581
16.25°	588	598	606	613	618	621	622	621	618	613	606
15°	611	622	631	638	643	646	647	646	643	638	631
13.75°	634	645	654	660	665	668	669	668	665	660	654
12.5°	655	665	674	681	685	688	689	688	685	681	674
11.25°	673	684	692	699	704	706	707	706	704	699	692
10°	690	700	708	716	721	724	725	724	721	716	708
8.75°	704	715	724	731	736	739	740	739	736	731	724
7.5°	717	728	737	744	748	750	751	750	748	744	737
6.25°	728	739	748	752	754	755	755	755	754	752	748
5°	737	748	754	755	754	752	752	752	754	755	754
3.75°	744	752	755	753	749	747	745	747	749	753	755
2.5°	748	754	754	749	744	739	738	739	744	749	754
1.25°	750	755	752	747	739	734	734	734	739	747	752
0°	751	755	752	745	738	734	735	734	738	745	752
-1.25°	750	755	752	747	739	734	734	734	739	747	752
-2.5°	748	754	754	749	744	739	738	739	744	749	754
-3.75°	744	752	755	753	749	747	745	747	749	753	755
-5°	737	748	754	755	754	752	752	752	754	755	754
-6.25°	728	739	748	752	754	755	755	755	754	752	748
-7.5°	717	728	737	744	748	750	751	750	748	744	737
-8.75°	704	715	724	731	736	739	740	739	736	731	724
-10°	690	700	708	716	721	724	725	724	721	716	708
-11.25°	673	684	692	699	704	706	707	706	704	699	692
-12.5°	655	665	674	681	685	688	689	688	685	681	674
-13.75°	634	645	654	660	665	668	669	668	665	660	654
-15°	611	622	631	638	643	646	647	646	643	638	631
-16.25°	588	598	606	613	618	621	622	621	618	613	606
-17.5°	564	573	581	587	591	594	595	594	591	587	581
-18.75°	541	550	557	562	566	569	569	569	566	562	557
-20°	519	527	533	538	541	543	544	543	541	538	533
-21.25°	497	504	510	514	518	520	521	520	518	514	510



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	474	481	486	490	494	496	496	496	494	490	486
-23.75°	451	458	463	467	470	472	472	472	470	467	463
-25°	429	435	439	443	446	448	448	448	446	443	439
-26.25°	405	411	416	420	422	424	425	424	422	420	416
-27.5°	380	386	391	395	397	399	399	399	397	395	391
-28.75°	353	359	364	368	371	372	373	372	371	368	364
-30°	324	330	335	339	342	344	344	344	342	339	335
-31.25°	294	300	305	309	311	313	314	313	311	309	305
-32.5°	266	271	275	279	281	282	283	282	281	279	275
-33.75°	238	243	247	250	253	254	254	254	253	250	247
-35°	212	217	220	223	224	226	226	226	224	223	220
-36.25°	189	193	196	198	200	201	202	201	200	198	196
-37.5°	167	170	173	175	176	177	178	177	176	175	173
-38.75°	147	150	152	154	156	157	157	157	156	154	152
-40°	129	131	133	134	136	136	136	136	136	134	133
-41.25°	112	115	117	118	119	120	120	120	119	118	117
-42.5°	98	99	101	102	103	103	103	103	103	102	101
-43.75°	84	86	87	88	89	90	90	90	89	88	87
-45°	72	74	75	75	76	76	77	76	76	75	75
-46.25°	62	63	64	65	66	66	66	66	66	65	64
-47.5°	53	54	54	55	55	56	56	56	55	55	54
-48.75°	45	46	47	47	48	48	48	48	48	47	47
-50°	39	39	40	40	40	40	40	40	40	40	40
-51.25°	33	33	34	34	34	35	35	35	34	34	34
-52.5°	28	28	28	29	29	29	29	29	29	29	28
-53.75°	23	24	24	24	24	25	25	25	24	24	24
-55°	19	20	20	20	20	20	20	20	20	20	20
-56.25°	16	16	17	17	17	17	17	17	17	17	17
-57.5°	13	13	13	14	14	14	14	14	14	14	13
-58.75°	11	11	11	11	11	12	12	12	11	11	11
-60°	9	9	9	9	9	9	9	9	9	9	9
-61.25°	8	8	8	8	8	8	8	8	8	8	8
-62.5°	6	6	6	6	6	6	6	6	6	6	6
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-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	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°	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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	2	2	2
65°	4	4	4	4	4	4	4	4	3	3	3
63.75°	5	5	5	5	5	5	5	5	4	4	4
62.5°	6	6	6	6	6	6	6	6	5	5	5
61.25°	8	8	8	7	7	7	7	7	7	6	6
60°	9	9	9	9	9	8	8	8	8	8	7
58.75°	11	11	11	11	10	10	10	10	9	9	9
57.5°	13	13	13	13	12	12	12	12	11	11	10
56.25°	16	16	16	15	15	15	14	14	13	13	12
55°	20	19	19	19	18	18	17	17	16	15	15
53.75°	24	23	23	22	22	21	20	20	19	18	18
52.5°	28	28	27	27	26	25	25	24	23	22	21
51.25°	33	33	32	31	31	30	29	28	27	26	25
50°	39	39	38	37	36	35	34	33	32	30	29
48.75°	46	45	44	43	42	41	40	38	37	36	34
47.5°	54	53	52	51	50	48	47	45	43	41	39
46.25°	63	62	61	59	57	55	54	52	50	48	46
45°	74	72	71	69	67	65	63	60	58	55	53
43.75°	86	84	82	80	78	75	73	70	67	64	61
42.5°	99	98	95	93	91	88	84	81	77	74	70
41.25°	115	112	110	107	103	100	97	93	89	85	81
40°	131	129	126	123	119	115	111	106	102	97	93
38.75°	150	147	143	139	135	131	126	121	116	111	105
37.5°	170	167	163	159	154	149	143	137	131	125	119
36.25°	193	189	184	179	174	168	162	156	148	141	134
35°	217	212	208	202	196	189	182	174	167	159	151



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	243	238	232	225	219	212	204	196	186	177	168
32.5°	271	266	259	252	244	236	226	217	208	198	187
31.25°	300	294	287	279	271	262	252	241	230	219	208
30°	330	324	316	308	299	288	278	266	254	242	228
28.75°	359	353	346	337	327	316	305	292	279	265	251
27.5°	386	380	373	364	355	344	332	319	305	290	275
26.25°	411	405	398	390	380	370	358	345	330	315	298
25°	435	429	422	414	404	394	382	369	355	340	323
23.75°	458	451	444	436	427	416	405	392	378	363	346
22.5°	481	474	466	458	448	437	426	413	399	384	368
21.25°	504	497	488	479	469	458	446	433	419	404	388
20°	527	519	511	501	490	478	465	452	438	423	407
18.75°	550	541	532	522	511	498	484	471	456	440	424
17.5°	573	564	554	543	531	518	504	488	473	457	440
16.25°	598	588	576	564	551	537	522	506	490	473	456
15°	622	611	599	585	571	556	540	524	506	488	471
13.75°	645	634	622	607	591	574	557	540	522	504	484
12.5°	665	655	642	628	611	593	574	556	537	518	498
11.25°	684	673	661	646	630	611	591	571	551	531	511
10°	700	690	677	663	646	628	607	585	564	543	522
8.75°	715	704	692	677	661	642	622	599	576	554	532
7.5°	728	717	704	690	673	655	634	611	588	564	541
6.25°	739	728	715	700	684	665	645	622	598	573	550
5°	748	737	724	708	692	674	654	631	606	581	557
3.75°	752	744	731	716	699	681	660	638	613	587	562
2.5°	754	748	736	721	704	685	665	643	618	591	566
1.25°	755	750	739	724	706	688	668	646	621	594	569
0°	755	751	740	725	707	689	669	647	622	595	569
-1.25°	755	750	739	724	706	688	668	646	621	594	569
-2.5°	754	748	736	721	704	685	665	643	618	591	566
-3.75°	752	744	731	716	699	681	660	638	613	587	562
-5°	748	737	724	708	692	674	654	631	606	581	557
-6.25°	739	728	715	700	684	665	645	622	598	573	550
-7.5°	728	717	704	690	673	655	634	611	588	564	541
-8.75°	715	704	692	677	661	642	622	599	576	554	532
-10°	700	690	677	663	646	628	607	585	564	543	522
-11.25°	684	673	661	646	630	611	591	571	551	531	511
-12.5°	665	655	642	628	611	593	574	556	537	518	498
-13.75°	645	634	622	607	591	574	557	540	522	504	484
-15°	622	611	599	585	571	556	540	524	506	488	471
-16.25°	598	588	576	564	551	537	522	506	490	473	456
-17.5°	573	564	554	543	531	518	504	488	473	457	440
-18.75°	550	541	532	522	511	498	484	471	456	440	424
-20°	527	519	511	501	490	478	465	452	438	423	407
-21.25°	504	497	488	479	469	458	446	433	419	404	388



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	481	474	466	458	448	437	426	413	399	384	368
-23.75°	458	451	444	436	427	416	405	392	378	363	346
-25°	435	429	422	414	404	394	382	369	355	340	323
-26.25°	411	405	398	390	380	370	358	345	330	315	298
-27.5°	386	380	373	364	355	344	332	319	305	290	275
-28.75°	359	353	346	337	327	316	305	292	279	265	251
-30°	330	324	316	308	299	288	278	266	254	242	228
-31.25°	300	294	287	279	271	262	252	241	230	219	208
-32.5°	271	266	259	252	244	236	226	217	208	198	187
-33.75°	243	238	232	225	219	212	204	196	186	177	168
-35°	217	212	208	202	196	189	182	174	167	159	151
-36.25°	193	189	184	179	174	168	162	156	148	141	134
-37.5°	170	167	163	159	154	149	143	137	131	125	119
-38.75°	150	147	143	139	135	131	126	121	116	111	105
-40°	131	129	126	123	119	115	111	106	102	97	93
-41.25°	115	112	110	107	103	100	97	93	89	85	81
-42.5°	99	98	95	93	91	88	84	81	77	74	70
-43.75°	86	84	82	80	78	75	73	70	67	64	61
-45°	74	72	71	69	67	65	63	60	58	55	53
-46.25°	63	62	61	59	57	55	54	52	50	48	46
-47.5°	54	53	52	51	50	48	47	45	43	41	39
-48.75°	46	45	44	43	42	41	40	38	37	36	34
-50°	39	39	38	37	36	35	34	33	32	30	29
-51.25°	33	33	32	31	31	30	29	28	27	26	25
-52.5°	28	28	27	27	26	25	25	24	23	22	21
-53.75°	24	23	23	22	22	21	20	20	19	18	18
-55°	20	19	19	19	18	18	17	17	16	15	15
-56.25°	16	16	16	15	15	15	14	14	13	13	12
-57.5°	13	13	13	13	12	12	12	12	11	11	10
-58.75°	11	11	11	11	10	10	10	10	9	9	9
-60°	9	9	9	9	9	8	8	8	8	8	7
-61.25°	8	8	8	7	7	7	7	7	7	6	6
-62.5°	6	6	6	6	6	6	6	6	5	5	5
-63.75°	5	5	5	5	5	5	5	5	4	4	4
-65°	4	4	4	4	4	4	4	4	3	3	3
-66.25°	3	3	3	3	3	3	3	3	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	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	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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	1	1
65°	3	3	3	2	2	2	2	2	2	2	2
63.75°	4	4	4	3	3	3	3	2	2	2	2
62.5°	5	5	5	4	4	4	4	3	3	3	3
61.25°	6	6	6	5	5	5	5	4	4	4	3
60°	7	7	7	6	6	6	5	5	5	5	4
58.75°	8	8	8	7	7	7	6	6	6	5	5
57.5°	10	9	9	9	8	8	8	7	7	6	6
56.25°	12	11	11	10	10	9	9	8	8	7	7
55°	14	13	13	12	12	11	10	10	9	9	8
53.75°	17	16	15	14	14	13	12	12	11	10	9
52.5°	20	19	18	17	16	15	14	13	13	12	11
51.25°	24	23	21	20	19	18	17	16	15	13	13
50°	28	26	25	24	22	21	20	18	17	16	15
48.75°	33	31	29	28	26	25	23	21	20	18	17
47.5°	38	36	34	32	30	28	27	25	23	21	20
46.25°	44	41	39	37	35	33	30	28	26	25	23
45°	50	48	45	42	40	37	35	33	30	28	26
43.75°	58	54	52	49	46	43	40	37	35	32	29
42.5°	67	63	59	55	52	49	46	42	39	36	33
41.25°	76	72	68	64	59	55	52	48	44	40	37
40°	88	82	77	72	68	63	58	54	50	46	42
38.75°	99	94	88	82	76	71	66	61	56	51	47
37.5°	113	106	99	93	87	80	74	69	63	57	53
36.25°	127	120	112	104	97	91	84	76	71	65	59
35°	142	133	126	117	109	101	94	86	78	72	66



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	159	150	140	131	122	113	103	96	88	80	73
32.5°	176	166	156	145	134	125	115	106	97	89	80
31.25°	196	184	172	161	149	137	127	117	107	97	89
30°	216	203	190	176	165	152	140	128	118	107	97
28.75°	237	222	208	194	180	167	154	140	128	117	106
27.5°	259	243	227	212	197	181	167	154	140	127	115
26.25°	281	265	248	230	214	198	181	167	152	137	125
25°	305	286	268	250	231	214	197	180	165	149	134
23.75°	328	309	289	269	250	230	212	194	176	161	145
22.5°	350	330	310	289	268	248	227	208	190	172	156
21.25°	370	351	330	309	286	265	243	222	203	184	166
20°	389	370	350	328	305	281	259	237	216	196	176
18.75°	407	388	368	346	323	298	275	251	228	208	187
17.5°	423	404	384	363	340	315	290	265	242	219	198
16.25°	438	419	399	378	355	330	305	279	254	230	208
15°	452	433	413	392	369	345	319	292	266	241	217
13.75°	465	446	426	405	382	358	332	305	278	252	226
12.5°	478	458	437	416	394	370	344	316	288	262	236
11.25°	490	469	448	427	404	380	355	327	299	271	244
10°	501	479	458	436	414	390	364	337	308	279	252
8.75°	511	488	466	444	422	398	373	346	316	287	259
7.5°	519	497	474	451	429	405	380	353	324	294	266
6.25°	527	504	481	458	435	411	386	359	330	300	271
5°	533	510	486	463	439	416	391	364	335	305	275
3.75°	538	514	490	467	443	420	395	368	339	309	279
2.5°	541	518	494	470	446	422	397	371	342	311	281
1.25°	543	520	496	472	448	424	399	372	344	313	282
0°	544	521	496	472	448	425	399	373	344	314	283
-1.25°	543	520	496	472	448	424	399	372	344	313	282
-2.5°	541	518	494	470	446	422	397	371	342	311	281
-3.75°	538	514	490	467	443	420	395	368	339	309	279
-5°	533	510	486	463	439	416	391	364	335	305	275
-6.25°	527	504	481	458	435	411	386	359	330	300	271
-7.5°	519	497	474	451	429	405	380	353	324	294	266
-8.75°	511	488	466	444	422	398	373	346	316	287	259
-10°	501	479	458	436	414	390	364	337	308	279	252
-11.25°	490	469	448	427	404	380	355	327	299	271	244
-12.5°	478	458	437	416	394	370	344	316	288	262	236
-13.75°	465	446	426	405	382	358	332	305	278	252	226
-15°	452	433	413	392	369	345	319	292	266	241	217
-16.25°	438	419	399	378	355	330	305	279	254	230	208
-17.5°	423	404	384	363	340	315	290	265	242	219	198
-18.75°	407	388	368	346	323	298	275	251	228	208	187
-20°	389	370	350	328	305	281	259	237	216	196	176
-21.25°	370	351	330	309	286	265	243	222	203	184	166



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	350	330	310	289	268	248	227	208	190	172	156
-23.75°	328	309	289	269	250	230	212	194	176	161	145
-25°	305	286	268	250	231	214	197	180	165	149	134
-26.25°	281	265	248	230	214	198	181	167	152	137	125
-27.5°	259	243	227	212	197	181	167	154	140	127	115
-28.75°	237	222	208	194	180	167	154	140	128	117	106
-30°	216	203	190	176	165	152	140	128	118	107	97
-31.25°	196	184	172	161	149	137	127	117	107	97	89
-32.5°	176	166	156	145	134	125	115	106	97	89	80
-33.75°	159	150	140	131	122	113	103	96	88	80	73
-35°	142	133	126	117	109	101	94	86	78	72	66
-36.25°	127	120	112	104	97	91	84	76	71	65	59
-37.5°	113	106	99	93	87	80	74	69	63	57	53
-38.75°	99	94	88	82	76	71	66	61	56	51	47
-40°	88	82	77	72	68	63	58	54	50	46	42
-41.25°	76	72	68	64	59	55	52	48	44	40	37
-42.5°	67	63	59	55	52	49	46	42	39	36	33
-43.75°	58	54	52	49	46	43	40	37	35	32	29
-45°	50	48	45	42	40	37	35	33	30	28	26
-46.25°	44	41	39	37	35	33	30	28	26	25	23
-47.5°	38	36	34	32	30	28	27	25	23	21	20
-48.75°	33	31	29	28	26	25	23	21	20	18	17
-50°	28	26	25	24	22	21	20	18	17	16	15
-51.25°	24	23	21	20	19	18	17	16	15	13	13
-52.5°	20	19	18	17	16	15	14	13	13	12	11
-53.75°	17	16	15	14	14	13	12	12	11	10	9
-55°	14	13	13	12	12	11	10	10	9	9	8
-56.25°	12	11	11	10	10	9	9	8	8	7	7
-57.5°	10	9	9	9	8	8	8	7	7	6	6
-58.75°	8	8	8	7	7	7	6	6	6	5	5
-60°	7	7	7	6	6	6	5	5	5	5	4
-61.25°	6	6	6	5	5	5	5	4	4	4	3
-62.5°	5	5	5	4	4	4	4	3	3	3	3
-63.75°	4	4	4	3	3	3	3	2	2	2	2
-65°	3	3	3	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	1	1
-67.5°	2	2	2	2	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	0
-71.25°	1	1	1	1	1	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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	2	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	2	2	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	3	3	2	2	2	2	2	2	2	1	1
60°	4	4	3	3	3	2	2	2	2	2	1
58.75°	5	4	4	4	3	3	3	2	2	2	2
57.5°	6	5	5	5	4	4	3	3	2	2	2
56.25°	7	6	6	5	5	4	4	4	3	3	2
55°	8	7	7	6	6	5	5	4	4	3	3
53.75°	9	8	8	7	6	6	6	5	5	4	4
52.5°	10	9	9	8	7	7	6	6	5	5	4
51.25°	12	11	10	9	8	8	7	6	6	5	5
50°	13	12	12	11	10	9	8	7	7	6	6
48.75°	16	14	13	12	11	10	9	8	8	7	6
47.5°	18	17	15	14	12	11	10	9	8	8	7
46.25°	21	19	17	16	14	13	12	11	9	9	8
45°	24	22	20	18	16	14	13	12	11	9	9
43.75°	27	25	22	20	18	17	15	13	12	11	9
42.5°	30	28	25	23	21	19	17	15	13	12	11
41.25°	34	31	28	26	23	21	19	17	15	13	12
40°	38	35	32	29	26	23	21	19	17	14	13
38.75°	43	39	36	32	29	26	23	21	18	16	14
37.5°	48	44	39	36	32	29	26	23	20	18	16
36.25°	53	49	44	39	36	32	28	25	22	20	17
35°	59	53	49	44	39	35	31	28	25	22	19



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	66	59	53	48	43	38	34	30	27	24	21
32.5°	73	66	59	53	47	42	37	33	29	26	23
31.25°	80	72	65	57	51	46	40	36	32	28	25
30°	88	78	71	63	56	50	44	39	35	30	26
28.75°	96	86	76	69	61	54	48	42	37	33	28
27.5°	103	94	84	74	66	58	52	46	40	35	30
26.25°	113	101	91	80	71	63	55	49	43	37	33
25°	122	109	97	87	76	68	59	52	46	40	35
23.75°	131	117	104	93	82	72	64	55	49	42	37
22.5°	140	126	112	99	88	77	68	59	52	45	39
21.25°	150	133	120	106	94	82	72	63	54	48	41
20°	159	142	127	113	99	88	76	67	58	50	44
18.75°	168	151	134	119	105	93	81	70	61	53	46
17.5°	177	159	141	125	111	97	85	74	64	55	48
16.25°	186	167	148	131	116	102	89	77	67	58	50
15°	196	174	156	137	121	106	93	81	70	60	52
13.75°	204	182	162	143	126	111	97	84	73	63	54
12.5°	212	189	168	149	131	115	100	88	75	65	55
11.25°	219	196	174	154	135	119	103	91	78	67	57
10°	225	202	179	159	139	123	107	93	80	69	59
8.75°	232	208	184	163	143	126	110	95	82	71	61
7.5°	238	212	189	167	147	129	112	98	84	72	62
6.25°	243	217	193	170	150	131	115	99	86	74	63
5°	247	220	196	173	152	133	117	101	87	75	64
3.75°	250	223	198	175	154	134	118	102	88	75	65
2.5°	253	224	200	176	156	136	119	103	89	76	66
1.25°	254	226	201	177	157	136	120	103	90	76	66
0°	254	226	202	178	157	136	120	103	90	77	66
-1.25°	254	226	201	177	157	136	120	103	90	76	66
-2.5°	253	224	200	176	156	136	119	103	89	76	66
-3.75°	250	223	198	175	154	134	118	102	88	75	65
-5°	247	220	196	173	152	133	117	101	87	75	64
-6.25°	243	217	193	170	150	131	115	99	86	74	63
-7.5°	238	212	189	167	147	129	112	98	84	72	62
-8.75°	232	208	184	163	143	126	110	95	82	71	61
-10°	225	202	179	159	139	123	107	93	80	69	59
-11.25°	219	196	174	154	135	119	103	91	78	67	57
-12.5°	212	189	168	149	131	115	100	88	75	65	55
-13.75°	204	182	162	143	126	111	97	84	73	63	54
-15°	196	174	156	137	121	106	93	81	70	60	52
-16.25°	186	167	148	131	116	102	89	77	67	58	50
-17.5°	177	159	141	125	111	97	85	74	64	55	48
-18.75°	168	151	134	119	105	93	81	70	61	53	46
-20°	159	142	127	113	99	88	76	67	58	50	44
-21.25°	150	133	120	106	94	82	72	63	54	48	41



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	140	126	112	99	88	77	68	59	52	45	39
-23.75°	131	117	104	93	82	72	64	55	49	42	37
-25°	122	109	97	87	76	68	59	52	46	40	35
-26.25°	113	101	91	80	71	63	55	49	43	37	33
-27.5°	103	94	84	74	66	58	52	46	40	35	30
-28.75°	96	86	76	69	61	54	48	42	37	33	28
-30°	88	78	71	63	56	50	44	39	35	30	26
-31.25°	80	72	65	57	51	46	40	36	32	28	25
-32.5°	73	66	59	53	47	42	37	33	29	26	23
-33.75°	66	59	53	48	43	38	34	30	27	24	21
-35°	59	53	49	44	39	35	31	28	25	22	19
-36.25°	53	49	44	39	36	32	28	25	22	20	17
-37.5°	48	44	39	36	32	29	26	23	20	18	16
-38.75°	43	39	36	32	29	26	23	21	18	16	14
-40°	38	35	32	29	26	23	21	19	17	14	13
-41.25°	34	31	28	26	23	21	19	17	15	13	12
-42.5°	30	28	25	23	21	19	17	15	13	12	11
-43.75°	27	25	22	20	18	17	15	13	12	11	9
-45°	24	22	20	18	16	14	13	12	11	9	9
-46.25°	21	19	17	16	14	13	12	11	9	9	8
-47.5°	18	17	15	14	12	11	10	9	8	8	7
-48.75°	16	14	13	12	11	10	9	8	8	7	6
-50°	13	12	12	11	10	9	8	7	7	6	6
-51.25°	12	11	10	9	8	8	7	6	6	5	5
-52.5°	10	9	9	8	7	7	6	6	5	5	4
-53.75°	9	8	8	7	6	6	6	5	5	4	4
-55°	8	7	7	6	6	5	5	4	4	3	3
-56.25°	7	6	6	5	5	4	4	4	3	3	2
-57.5°	6	5	5	5	4	4	3	3	2	2	2
-58.75°	5	4	4	4	3	3	3	2	2	2	2
-60°	4	4	3	3	3	2	2	2	2	2	1
-61.25°	3	3	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	2	2	1	1	1	1	1	1	1
-65°	2	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	0	0	0	0	0
-68.75°	1	1	1	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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	2	1	1	1	1	1	1	0	0	0	0
57.5°	2	2	1	1	1	1	1	1	0	0	0
56.25°	2	2	2	2	1	1	1	1	1	0	0
55°	2	2	2	2	2	1	1	1	1	1	0
53.75°	3	3	2	2	2	2	1	1	1	1	1
52.5°	4	3	3	2	2	2	2	1	1	1	1
51.25°	4	4	3	3	2	2	2	2	1	1	1
50°	5	4	4	3	3	2	2	2	1	1	1
48.75°	6	5	4	4	3	3	2	2	2	1	1
47.5°	6	6	5	4	4	3	2	2	2	2	1
46.25°	7	6	6	5	4	4	3	2	2	2	1
45°	8	7	6	5	5	4	3	3	2	2	2
43.75°	8	8	7	6	5	5	4	3	2	2	2
42.5°	9	8	7	6	6	5	4	4	3	2	2
41.25°	10	9	8	7	6	6	5	4	3	3	2
40°	11	10	9	8	7	6	5	4	4	3	2
38.75°	12	11	10	8	7	6	6	5	4	3	3
37.5°	14	12	11	9	8	7	6	5	5	4	3
36.25°	15	13	12	10	9	8	7	6	5	4	3
35°	17	14	12	11	9	8	7	6	5	4	4



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	18	16	13	12	10	9	8	7	6	5	4
32.5°	20	17	15	13	11	9	8	7	6	5	4
31.25°	21	18	16	13	12	10	9	7	6	5	5
30°	23	20	17	15	13	11	9	8	7	6	5
28.75°	25	21	18	16	13	12	10	8	7	6	5
27.5°	27	23	20	17	14	12	10	9	8	6	5
26.25°	28	25	21	18	15	13	11	9	8	7	6
25°	30	26	22	19	16	14	12	10	8	7	6
23.75°	32	28	24	20	17	14	12	10	9	7	6
22.5°	34	29	25	21	18	15	13	11	9	8	7
21.25°	36	31	26	23	19	16	13	11	9	8	7
20°	38	33	28	24	20	17	14	12	10	8	7
18.75°	39	34	29	25	21	18	15	12	10	9	7
17.5°	41	36	30	26	22	18	15	13	11	9	8
16.25°	43	37	32	27	23	19	16	13	11	9	8
15°	45	38	33	28	24	20	17	14	12	10	8
13.75°	47	40	34	29	25	20	17	14	12	10	8
12.5°	48	41	35	30	25	21	18	15	12	10	8
11.25°	50	42	36	31	26	22	18	15	12	10	9
10°	51	43	37	31	27	22	19	15	13	11	9
8.75°	52	44	38	32	27	23	19	16	13	11	9
7.5°	53	45	39	33	28	23	19	16	13	11	9
6.25°	54	46	39	33	28	24	20	16	13	11	9
5°	54	47	40	34	28	24	20	17	13	11	9
3.75°	55	47	40	34	29	24	20	17	14	11	9
2.5°	55	48	40	34	29	24	20	17	14	11	9
1.25°	56	48	40	35	29	25	20	17	14	12	9
0°	56	48	40	35	29	25	20	17	14	12	9
-1.25°	56	48	40	35	29	25	20	17	14	12	9
-2.5°	55	48	40	34	29	24	20	17	14	11	9
-3.75°	55	47	40	34	29	24	20	17	14	11	9
-5°	54	47	40	34	28	24	20	17	13	11	9
-6.25°	54	46	39	33	28	24	20	16	13	11	9
-7.5°	53	45	39	33	28	23	19	16	13	11	9
-8.75°	52	44	38	32	27	23	19	16	13	11	9
-10°	51	43	37	31	27	22	19	15	13	11	9
-11.25°	50	42	36	31	26	22	18	15	12	10	9
-12.5°	48	41	35	30	25	21	18	15	12	10	8
-13.75°	47	40	34	29	25	20	17	14	12	10	8
-15°	45	38	33	28	24	20	17	14	12	10	8
-16.25°	43	37	32	27	23	19	16	13	11	9	8
-17.5°	41	36	30	26	22	18	15	13	11	9	8
-18.75°	39	34	29	25	21	18	15	12	10	9	7
-20°	38	33	28	24	20	17	14	12	10	8	7
-21.25°	36	31	26	23	19	16	13	11	9	8	7



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	34	29	25	21	18	15	13	11	9	8	7
-23.75°	32	28	24	20	17	14	12	10	9	7	6
-25°	30	26	22	19	16	14	12	10	8	7	6
-26.25°	28	25	21	18	15	13	11	9	8	7	6
-27.5°	27	23	20	17	14	12	10	9	8	6	5
-28.75°	25	21	18	16	13	12	10	8	7	6	5
-30°	23	20	17	15	13	11	9	8	7	6	5
-31.25°	21	18	16	13	12	10	9	7	6	5	5
-32.5°	20	17	15	13	11	9	8	7	6	5	4
-33.75°	18	16	13	12	10	9	8	7	6	5	4
-35°	17	14	12	11	9	8	7	6	5	4	4
-36.25°	15	13	12	10	9	8	7	6	5	4	3
-37.5°	14	12	11	9	8	7	6	5	5	4	3
-38.75°	12	11	10	8	7	6	6	5	4	3	3
-40°	11	10	9	8	7	6	5	4	4	3	2
-41.25°	10	9	8	7	6	6	5	4	3	3	2
-42.5°	9	8	7	6	6	5	4	4	3	2	2
-43.75°	8	8	7	6	5	5	4	3	2	2	2
-45°	8	7	6	5	5	4	3	3	2	2	2
-46.25°	7	6	6	5	4	4	3	2	2	2	1
-47.5°	6	6	5	4	4	3	2	2	2	2	1
-48.75°	6	5	4	4	3	3	2	2	2	1	1
-50°	5	4	4	3	3	2	2	2	1	1	1
-51.25°	4	4	3	3	2	2	2	2	1	1	1
-52.5°	4	3	3	2	2	2	2	1	1	1	1
-53.75°	3	3	2	2	2	2	1	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	0
-56.25°	2	2	2	2	1	1	1	1	1	0	0
-57.5°	2	2	1	1	1	1	1	1	0	0	0
-58.75°	2	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	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: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	2	2	2	1	1	1	0	0	0	0
32.5°	3	3	2	2	1	1	1	0	0	0	0
31.25°	4	3	2	2	1	1	1	1	0	0	0
30°	4	3	2	2	2	1	1	1	0	0	0
28.75°	4	3	2	2	2	1	1	1	0	0	0
27.5°	5	4	3	2	2	1	1	1	0	0	0
26.25°	5	4	3	2	2	1	1	1	0	0	0
25°	5	4	3	2	2	1	1	1	1	0	0
23.75°	5	4	3	2	2	2	1	1	1	0	0
22.5°	6	5	4	3	2	2	1	1	1	0	0
21.25°	6	5	4	3	2	2	1	1	1	0	0
20°	6	5	4	3	2	2	1	1	1	0	0
18.75°	6	5	4	3	2	2	1	1	1	0	0
17.5°	6	5	4	3	2	2	1	1	1	0	0
16.25°	7	5	4	3	2	2	2	1	1	0	0
15°	7	6	5	4	3	2	2	1	1	1	0
13.75°	7	6	5	4	3	2	2	1	1	1	0
12.5°	7	6	5	4	3	2	2	1	1	1	0
11.25°	7	6	5	4	3	2	2	1	1	1	0
10°	7	6	5	4	3	2	2	1	1	1	0
8.75°	8	6	5	4	3	2	2	1	1	1	0
7.5°	8	6	5	4	3	2	2	1	1	1	0
6.25°	8	6	5	4	3	2	2	1	1	1	0
5°	8	6	5	4	3	2	2	1	1	1	0
3.75°	8	6	5	4	3	2	2	1	1	1	0
2.5°	8	6	5	4	3	2	2	1	1	1	0
1.25°	8	6	5	4	3	2	2	1	1	1	0
0°	8	6	5	4	3	2	2	1	1	1	0
-1.25°	8	6	5	4	3	2	2	1	1	1	0
-2.5°	8	6	5	4	3	2	2	1	1	1	0
-3.75°	8	6	5	4	3	2	2	1	1	1	0
-5°	8	6	5	4	3	2	2	1	1	1	0
-6.25°	8	6	5	4	3	2	2	1	1	1	0
-7.5°	8	6	5	4	3	2	2	1	1	1	0
-8.75°	8	6	5	4	3	2	2	1	1	1	0
-10°	7	6	5	4	3	2	2	1	1	1	0
-11.25°	7	6	5	4	3	2	2	1	1	1	0
-12.5°	7	6	5	4	3	2	2	1	1	1	0
-13.75°	7	6	5	4	3	2	2	1	1	1	0
-15°	7	6	5	4	3	2	2	1	1	1	0
-16.25°	7	5	4	3	2	2	2	1	1	0	0
-17.5°	6	5	4	3	2	2	1	1	1	0	0
-18.75°	6	5	4	3	2	2	1	1	1	0	0
-20°	6	5	4	3	2	2	1	1	1	0	0
-21.25°	6	5	4	3	2	2	1	1	1	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2797-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)